

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
 Data File : BG041647.D
 Acq On : 15 Jul 2019 12:22
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 15 13:07:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 11:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	104455	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	446581	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	272398	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	631696	20.00	ng	0.00
76) Chrysene-d12	21.67	240	572016	20.00	ng	0.00
87) Perylene-d12	24.86	264	660857	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1200966	192.94	ng	0.00
7) Phenol-d6	7.21	99	1583922	187.82	ng	0.00
23) Nitrobenzene-d5	9.22	82	1460879	199.36	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	606390	194.67	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	2795493	161.34	ng	0.00
79) Terphenyl-d14	20.01	244	3402888	145.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	294940	104.426	ng	99
3) Pyridine	3.90	79	733230	100.164	ng	97
4) n-Nitrosodimethylamine	3.82	42	385521	103.418	ng	99
6) Aniline	7.38	93	1077824	93.266	ng	97
8) 2-Chlorophenol	7.62	128	684992	98.361	ng	96
9) Benzaldehyde	7.18	77	330363	70.991	ng	97
10) Phenol	7.24	94	857111	97.889	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	700765	97.965	ng	98
12) 1,3-Dichlorobenzene	7.95	146	817253	96.114	ng	98
13) 1,4-Dichlorobenzene	8.09	146	815085	96.081	ng	99
14) 1,2-Dichlorobenzene	8.41	146	767216	95.100	ng	100
15) Benzyl Alcohol	8.29	79	661432	96.771	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	1425564	92.775	ng	98
17) 2-Methylphenol	8.49	107	603729	96.789	ng	98
18) Hexachloroethane	9.15	117	310829	98.557	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	603621	97.461	ng	99
20) 3+4-Methylphenols	8.82	107	825437	96.124	ng	97
22) Acetophenone	8.88	105	1021651	92.452	ng	99
24) Nitrobenzene	9.26	77	798343	104.319	ng	99
25) Isophorone	9.79	82	1498782	93.927	ng	99
26) 2-Nitrophenol	9.97	139	388174	115.217	ng	99
27) 2,4-Dimethylphenol	10.03	122	603293	95.035	ng	100
28) bis(2-Chloroethoxy)methane	10.27	93	920679	92.983	ng	97
29) 2,4-Dichlorophenol	10.50	162	702662	95.675	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	815780	95.317	ng	100
31) Naphthalene	10.91	128	1987114	91.118	ng	97
32) Benzoic acid	10.22	122	516548	110.749	ng	96
33) 4-Chloroaniline	11.01	127	960582	91.647	ng	96
34) Hexachlorobutadiene	11.21	225	536964	96.947	ng	99
35) Caprolactam	11.81	113	207085	73.961	ng	98
36) 4-Chloro-3-methylphenol	12.13	107	725386	95.035	ng	98
37) 2-Methylnaphthalene	12.51	142	1533872	92.059	ng	98
38) 1-Methylnaphthalene	12.73	142	1471087	93.019	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	878812	95.217	ng	99

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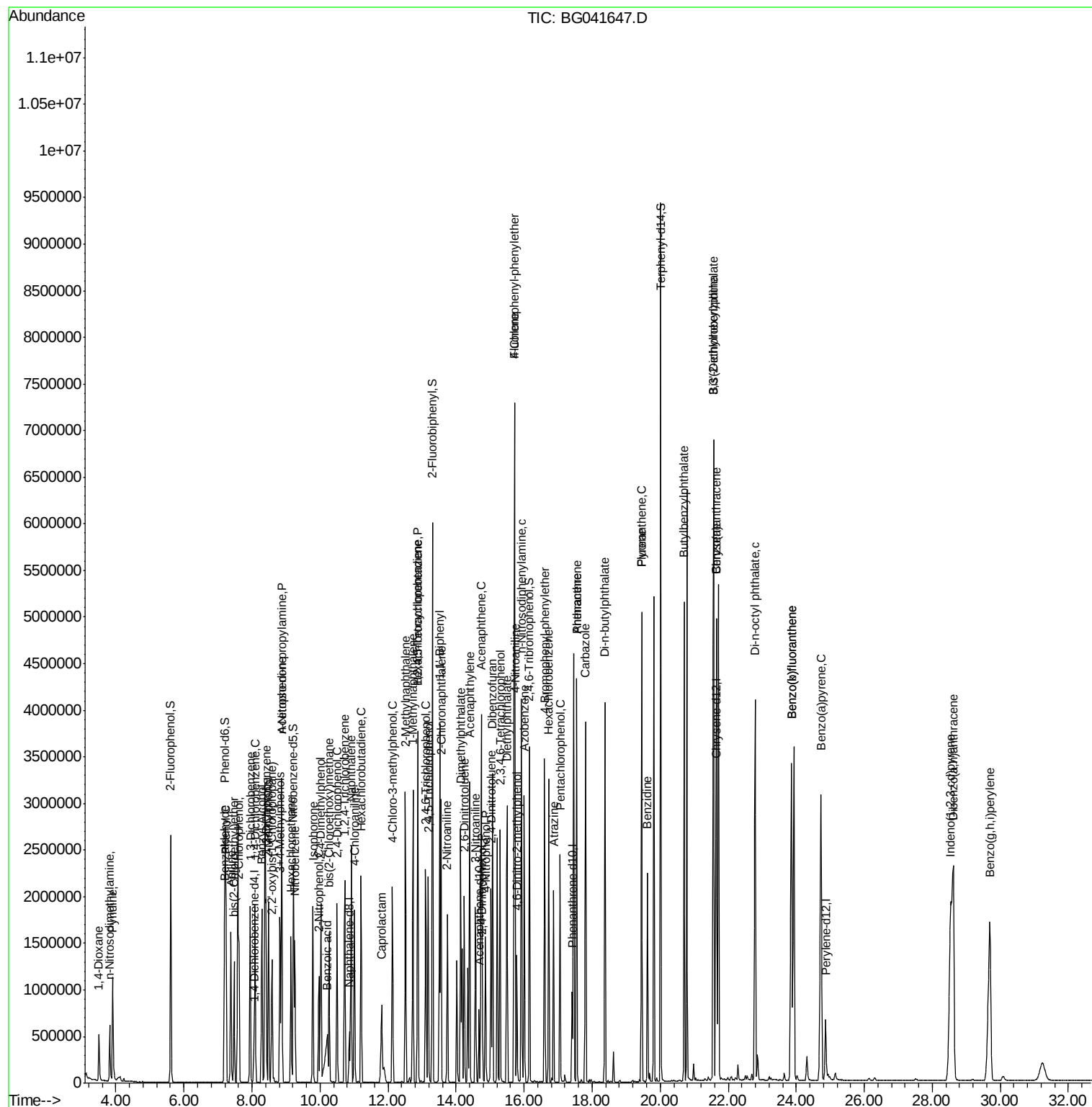
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	532429	94.147	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	594143	98.050	ng	100
44) 2,4,5-Trichlorophenol	13.18	196	618911	100.012	ng	98
46) 1,1'-Biphenyl	13.52	154	1799935	89.422	ng	94
47) 2-Chloronaphthalene	13.56	162	1546463	92.251	ng	96
48) 2-Nitroaniline	13.75	65	532977	114.874	ng	99
49) Acenaphthylene	14.40	152	2280489	89.325	ng	93
50) Dimethylphthalate	14.14	163	1867594	87.501	ng	98
51) 2,6-Dinitrotoluene	14.25	165	474597	111.469	ng	98
52) Acenaphthene	14.74	154	1549204	94.658	ng	98
53) 3-Nitroaniline	14.57	138	504700	105.736	ng	96
54) 2,4-Dinitrophenol	14.77	184	240438	125.089	ng	96
55) Dibenzofuran	15.07	168	2156014	87.942	ng	93
56) 4-Nitrophenol	14.87	139	416521	109.677	ng	100
57) 2,4-Dinitrotoluene	15.03	165	644743	115.126	ng	96
58) Fluorene	15.72	166	1779434	89.514	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	570142	97.849	ng	100
60) Diethylphthalate	15.50	149	1912237	88.615	ng	96
61) 4-Chlorophenyl-phenylether	15.71	204	1060094	93.065	ng	97
62) 4-Nitroaniline	15.74	138	527706	104.181	ng	96
63) Azobenzene	16.01	77	1729578	91.044	ng	96
65) 4,6-Dinitro-2-methylphenol	15.79	198	330454	120.509	ng	97
66) n-Nitrosodiphenylamine	15.93	169	1657989	86.710	ng	96
67) 4-Bromophenyl-phenylether	16.60	248	716382	91.741	ng	97
68) Hexachlorobenzene	16.72	284	720242	91.192	ng	99
69) Atrazine	16.87	200	384575	67.229	ng	99
70) Pentachlorophenol	17.05	266	462086	94.202	ng	98
71) Phenanthrene	17.55	178	2616343	79.258	ng	93
72) Anthracene	17.55	178	2616343	75.783	ng	92
73) Carbazole	17.81	167	2458287	77.243	ng	93
74) Di-n-butylphthalate	18.38	149	2735076	70.053	ng	# 93
75) Fluoranthene	19.45	202	2938949	73.947	ng	92
77) Benzidine	19.63	184	1330153	69.632	ng	96
78) Pyrene	19.45	202	2938949	79.853	ng	93
80) Butylbenzylphthalate	20.70	149	1446808	83.168	ng	96
81) Benzo(a)anthracene	21.65	228	3037444	76.746	ng	# 89
82) 3,3'-Dichlorobenzidine	21.56	252	1290913	78.440	ng	98
83) Chrysene	21.65	228	3037444	86.216	ng	93
84) Bis(2-ethylhexyl)phthalate	21.57	149	1929515	81.099	ng	94
85) Di-n-octyl phthalate	22.79	149	3269102	79.168	ng	96
86) Indeno(1,2,3-cd)pyrene	28.54	276	4401409	91.966	ng	# 93
88) Benzo(b)fluoranthene	23.86	252	3558137	90.689	ng	95
89) Benzo(k)fluoranthene	23.86	252	3558137	95.161	ng	95
90) Benzo(a)pyrene	24.73	252	3408868	90.662	ng	96
91) Dibenzo(a,h)anthracene	28.62	278	3423913	93.773	ng	97
92) Benzo(g,h,i)perylene	29.69	276	3492792	95.900	ng	98

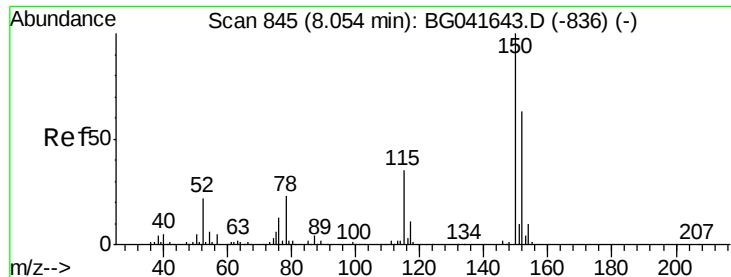
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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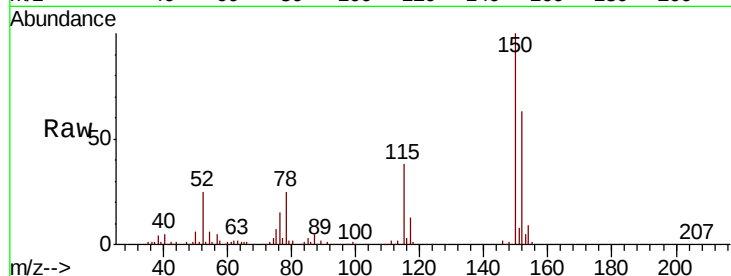


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.9	190.3
115	59.8	45.0	67.6

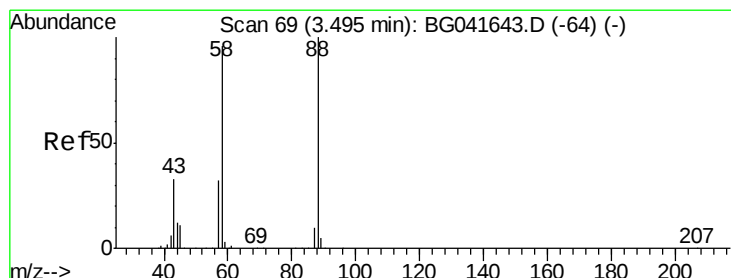
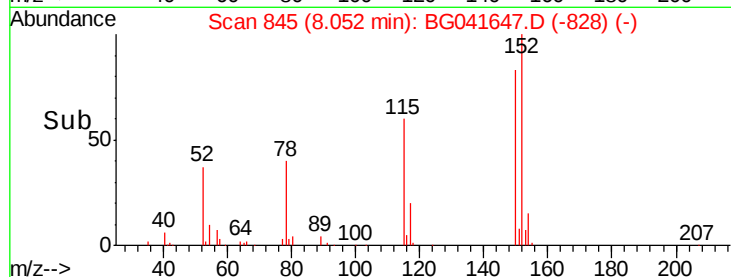
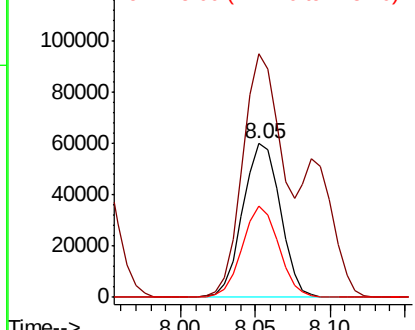


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

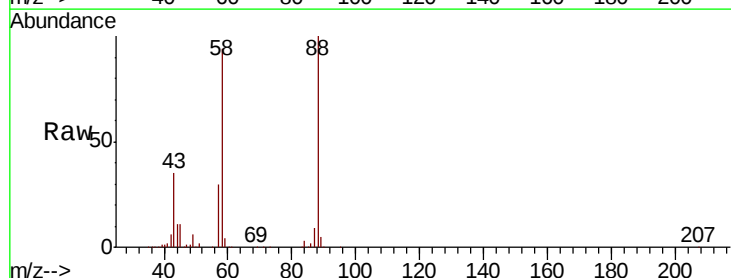
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 104.426 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.4	76.2	114.2
43	34.6	27.2	40.8

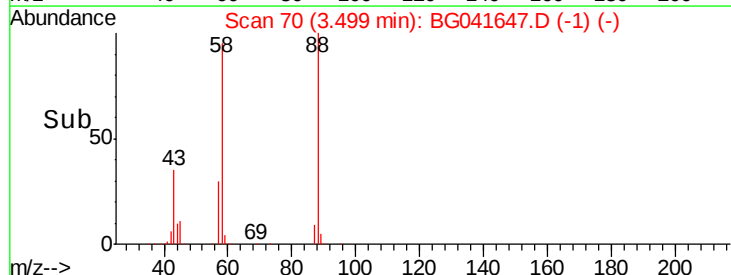
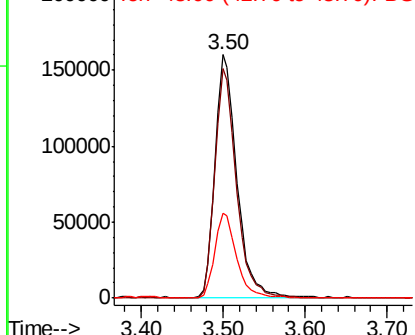


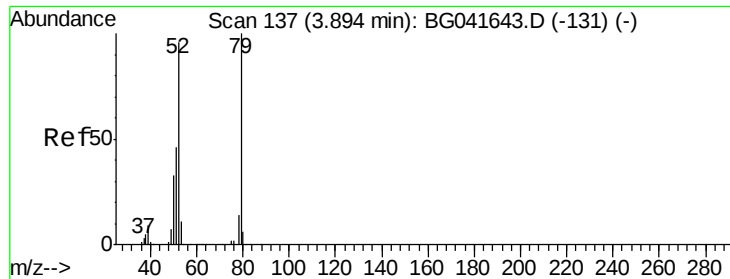
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 100.164 ng

RT: 3.90 min Scan# 139

Delta R.T. 0.01 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Instrument :

BNA_G

ClientSampleId :

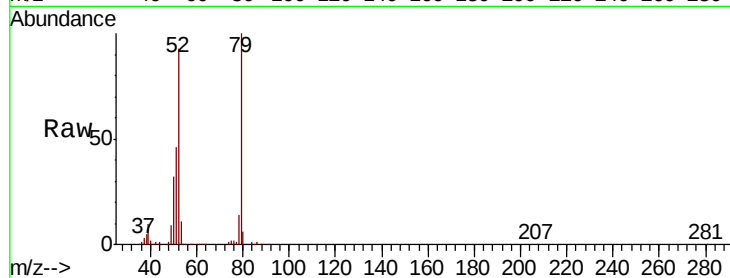
Tot Ion: 79 Resp: 733230

Ion Ratio Lower Upper

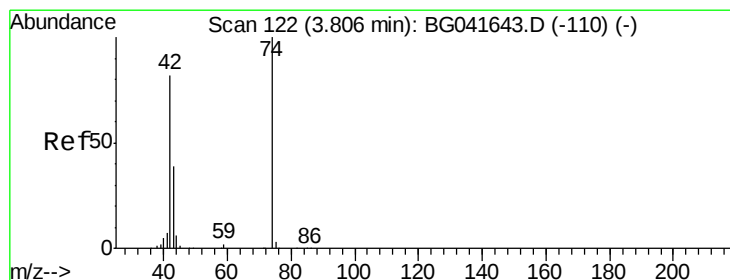
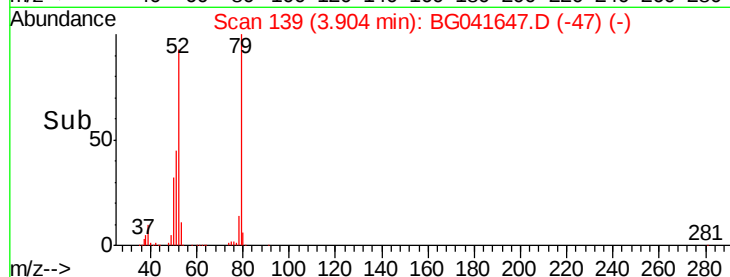
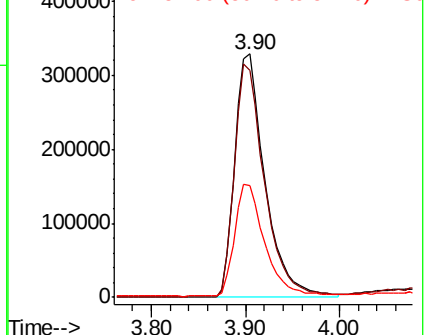
79 100

52 93.4 77.1 115.7

51 45.8 37.8 56.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 103.418 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.01 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

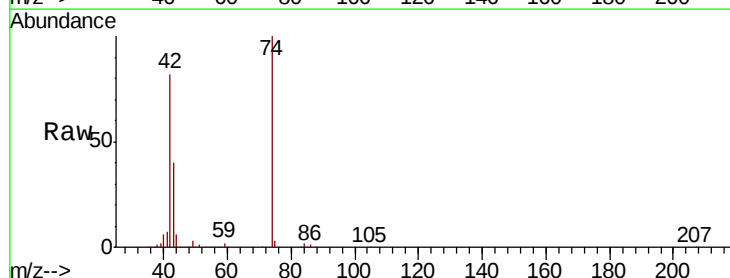
Tgt Ion: 42 Resp: 385521

Ion Ratio Lower Upper

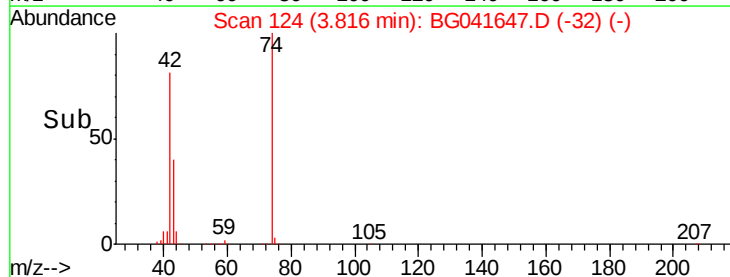
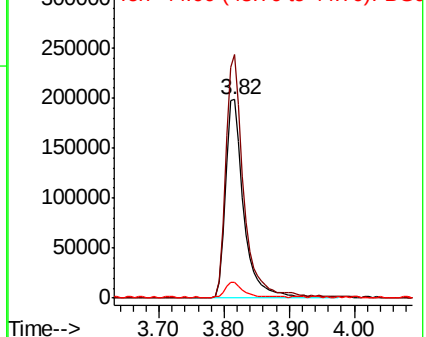
42 100

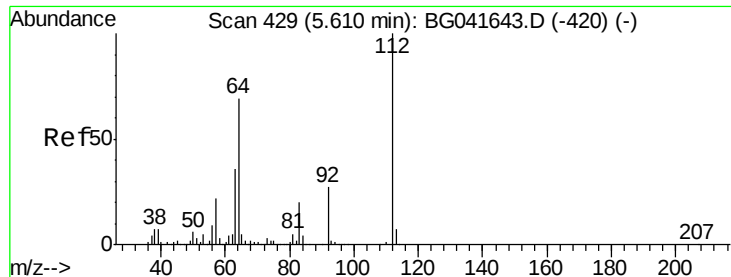
74 122.6 97.4 146.2

44 7.7 6.6 9.8



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 192.937 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Instrument :

BNA_G

ClientSampleId :

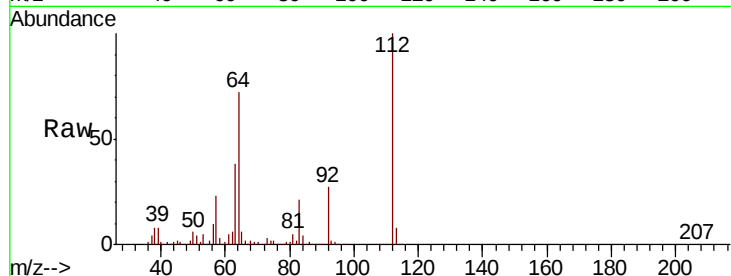
Tot Ion:112 Resp: 1200966

Ion Ratio Lower Upper

112 100

64 71.5 55.4 83.2

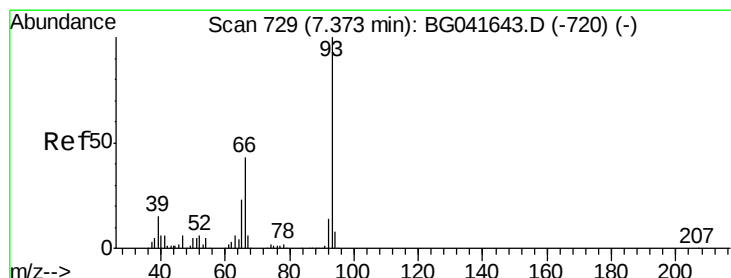
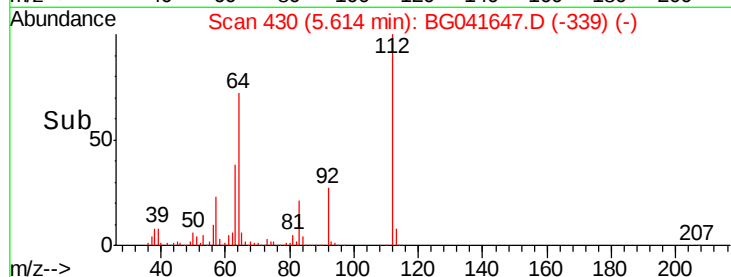
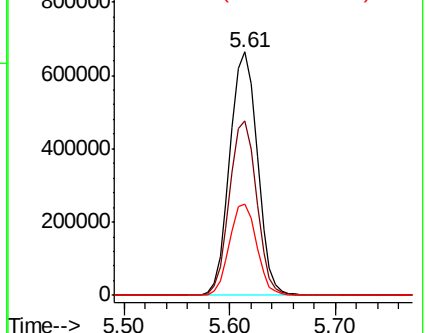
63 37.6 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 93.266 ng

RT: 7.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

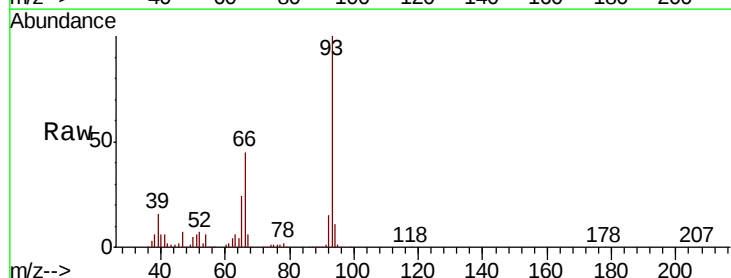
Tgt Ion: 93 Resp: 1077824

Ion Ratio Lower Upper

93 100

66 44.9 34.2 51.2

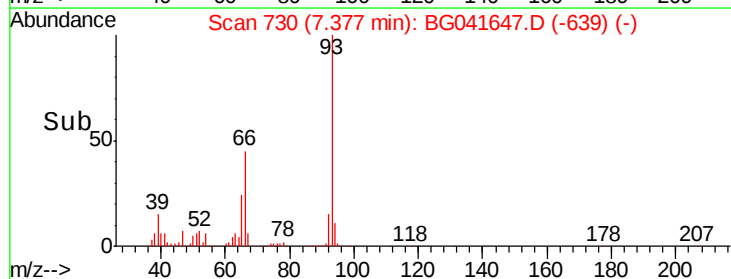
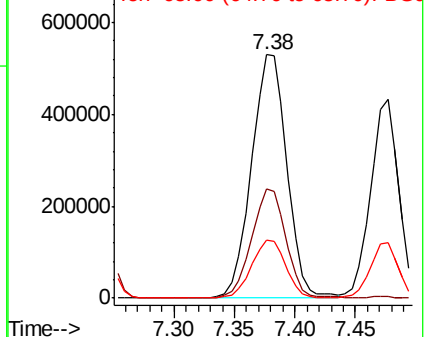
65 23.7 18.2 27.2

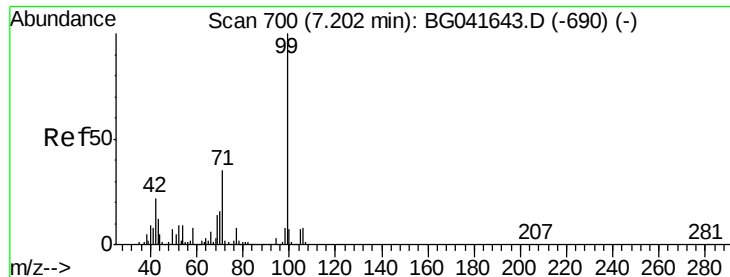


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 187.825 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Instrument :

BNA_G

ClientSampled :

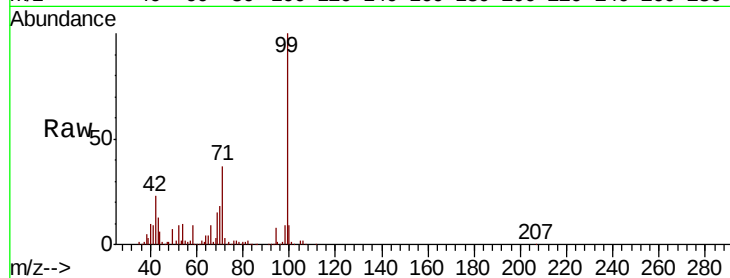
Tot Ion: 99 Resp: 1583922

Ion Ratio Lower Upper

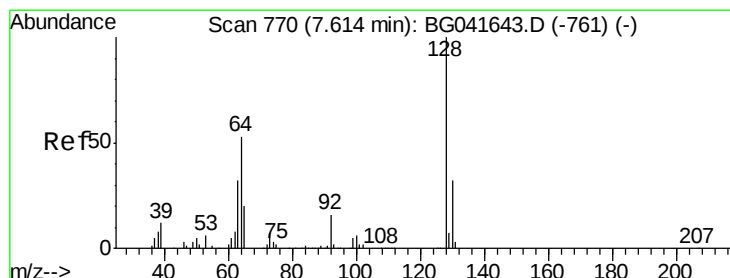
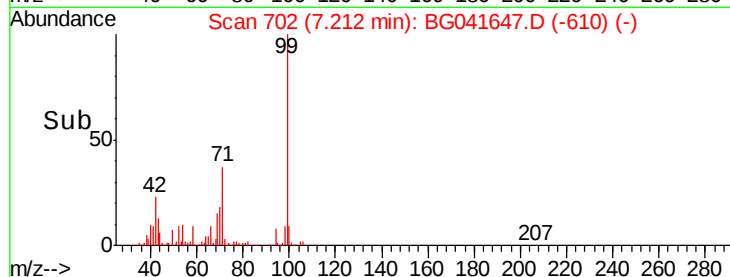
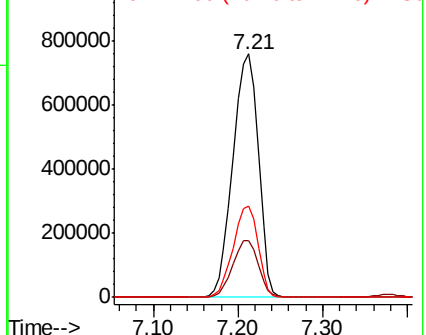
99 100

42 23.4 17.6 26.4

71 37.4 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 98.361 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

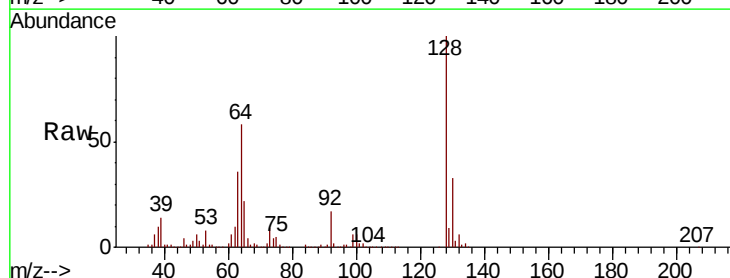
Tgt Ion:128 Resp: 684992

Ion Ratio Lower Upper

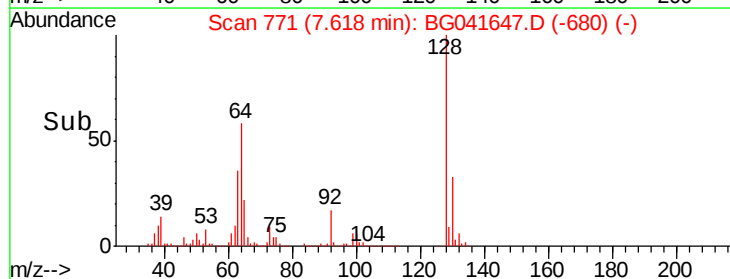
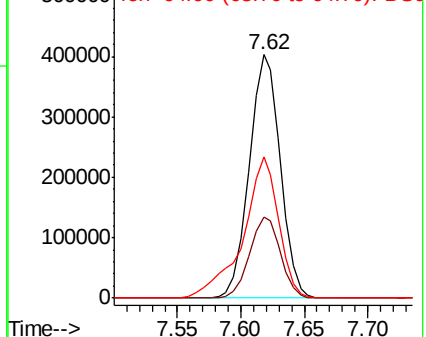
128 100

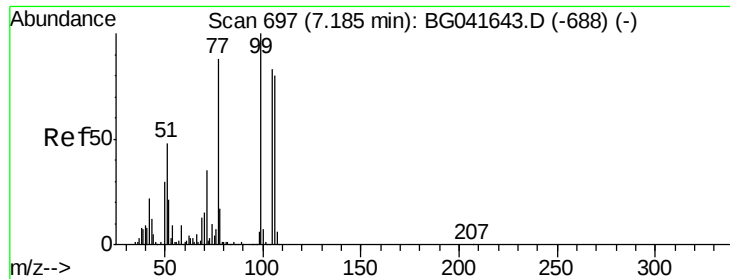
130 33.4 12.4 52.4

64 58.2 34.9 74.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 70.991 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG041647.D

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ClientSampleId :

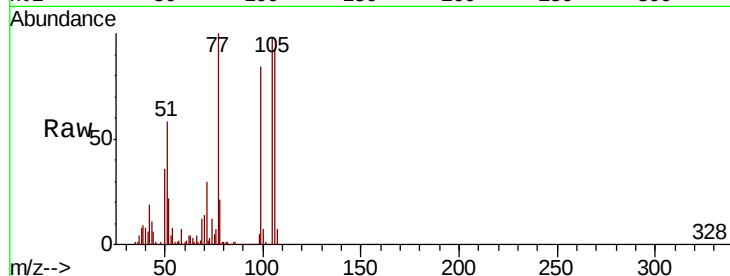
Tot Ion: 77 Resp: 330363

Ion Ratio Lower Upper

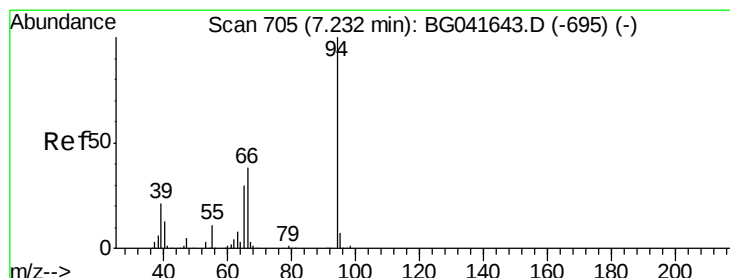
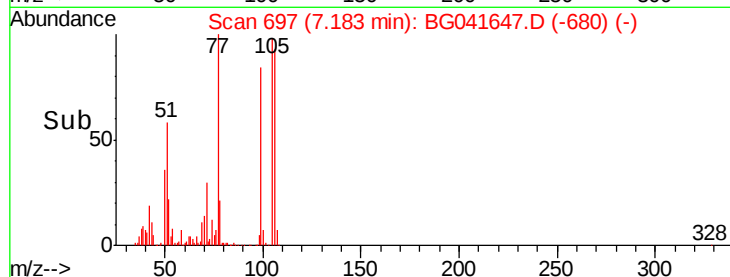
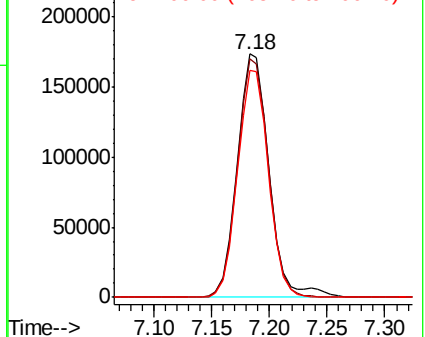
77 100

105 98.0 74.6 114.6

106 93.3 71.1 111.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 97.889 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

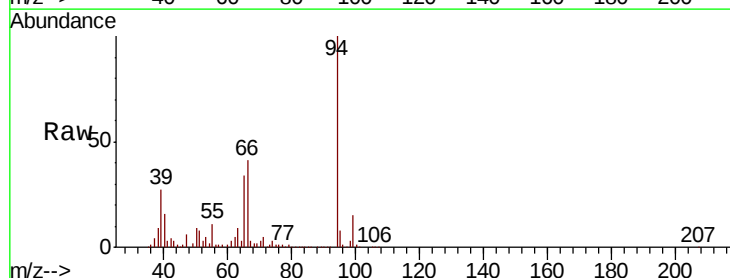
Tgt Ion: 94 Resp: 857111

Ion Ratio Lower Upper

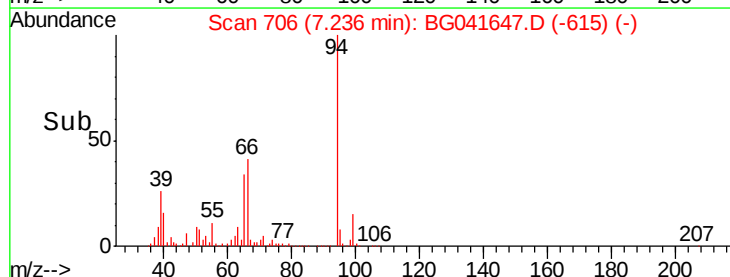
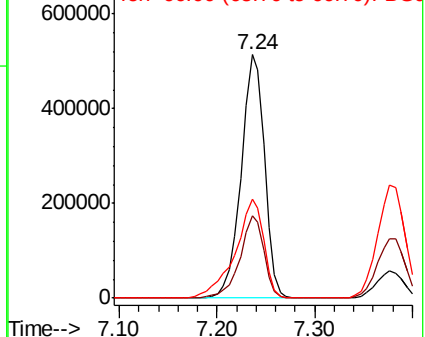
94 100

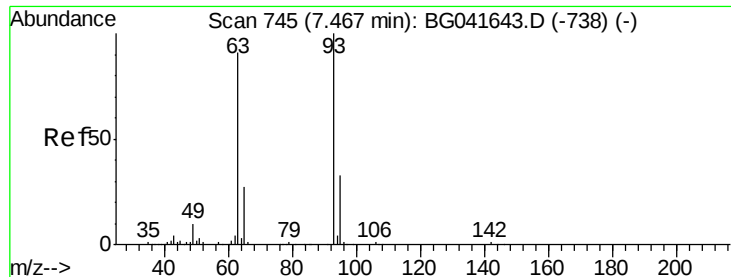
65 33.7 10.6 50.6

66 40.8 18.2 58.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

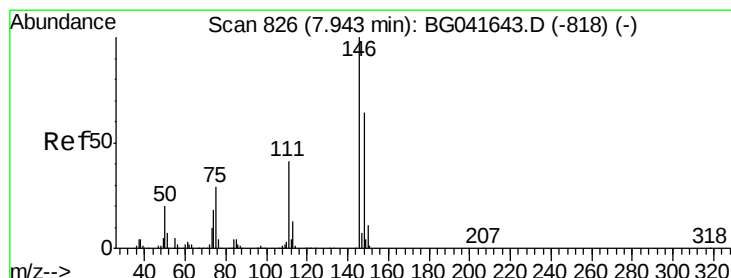
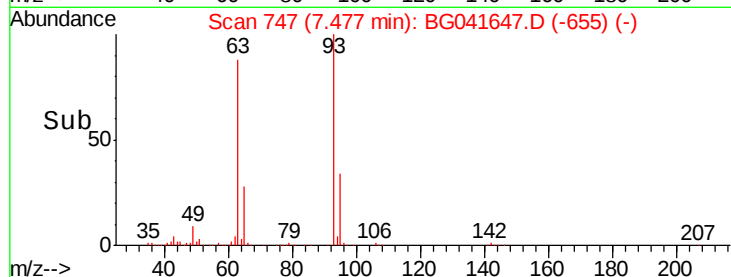
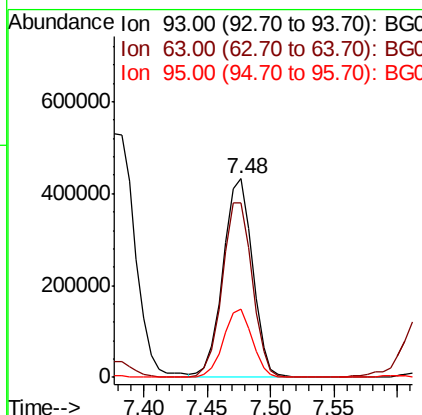
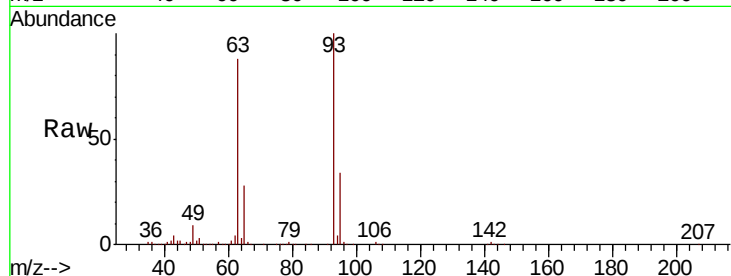




#11
 bis(2-Chloroethyl)ether
 Concen: 97.965 ng
 RT: 7.48 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: BG041647.D
 Acq: 15 Jul 2019 12:22

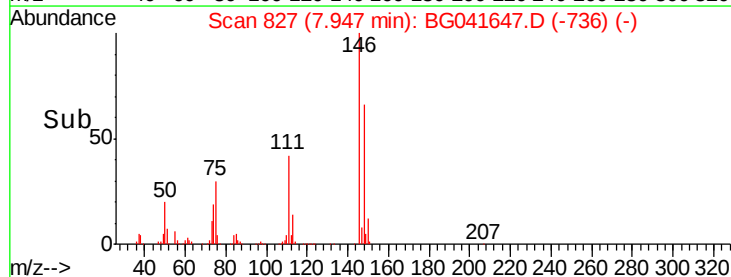
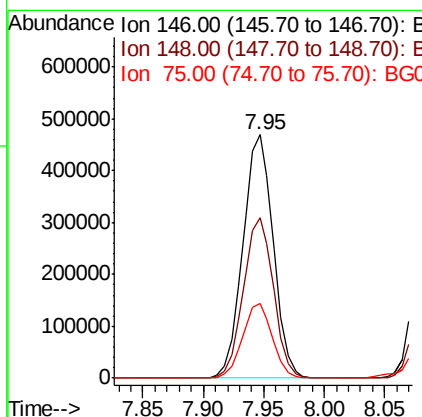
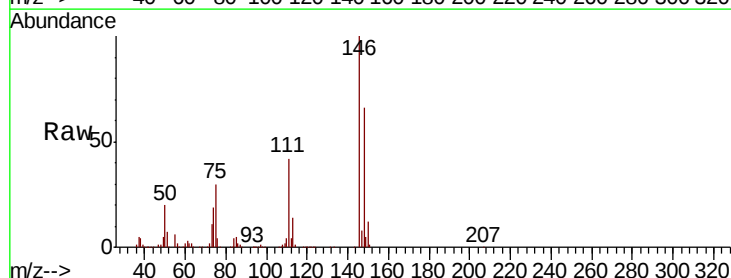
Instrument :
 BNA_G
 ClientSampleId :

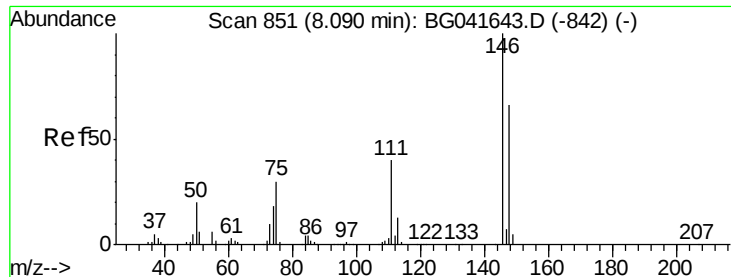
Tot Ion: 93 Resp: 700765
 Ion Ratio Lower Upper
 93 100
 63 88.2 70.4 110.4
 95 34.4 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 96.114 ng
 RT: 7.95 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BG041647.D
 Acq: 15 Jul 2019 12:22

Tgt Ion: 146 Resp: 817253
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.5 77.3
 75 30.5 23.2 34.8

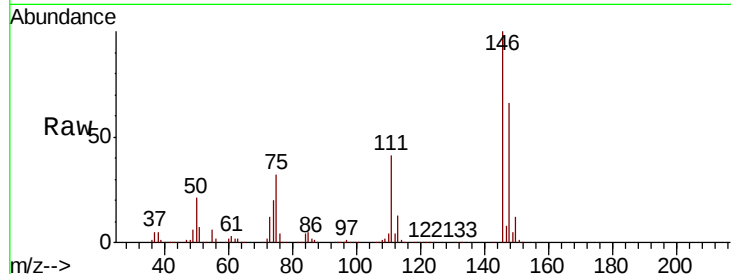




#13
 1,4-Dichlorobenzene
 Concen: 96.081 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG041647.D
 Acq: 15 Jul 2019 12:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.6	79.0
111	41.3	32.5	48.7

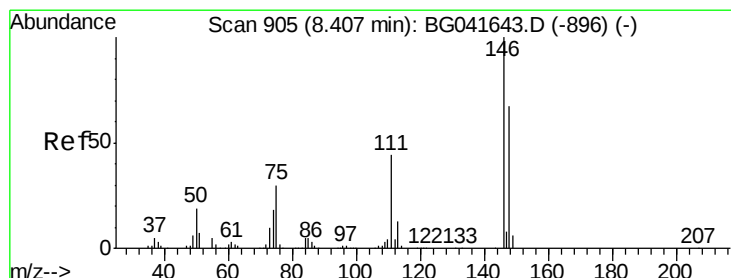
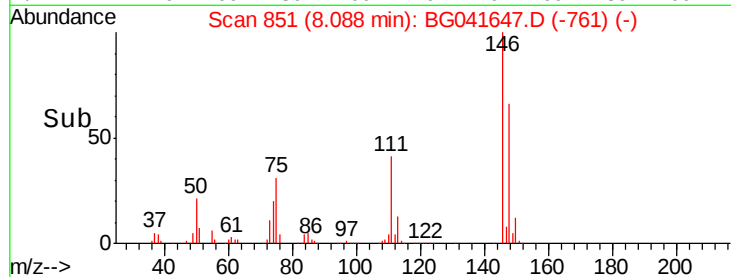
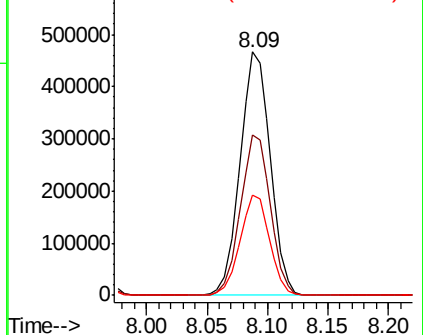


Abundance

Ion 146.00 (145.70 to 146.70): E

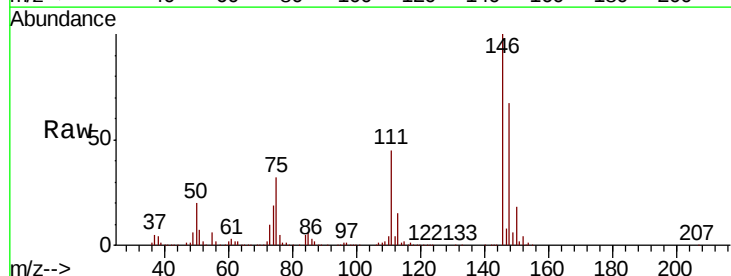
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 95.100 ng
 RT: 8.41 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BG041647.D
 Acq: 15 Jul 2019 12:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	53.5	80.3
111	44.9	35.4	53.0

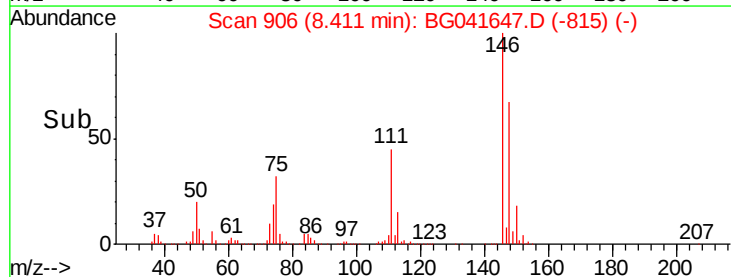
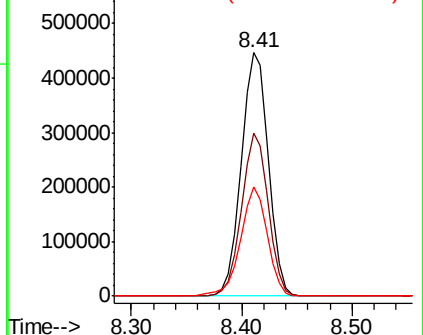


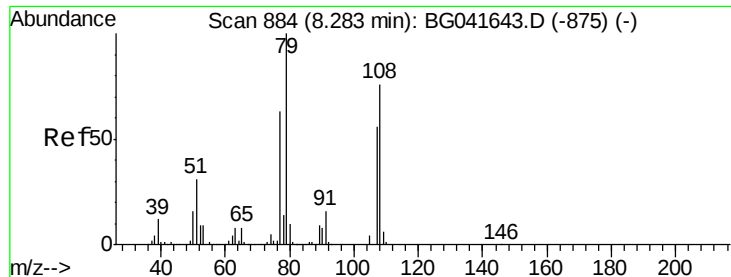
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 96.771 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Instrument :

BNA_G

ClientSampleId :

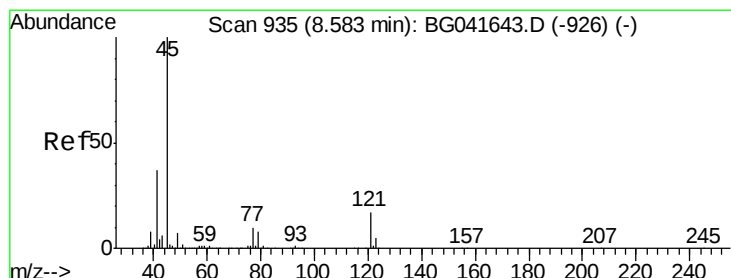
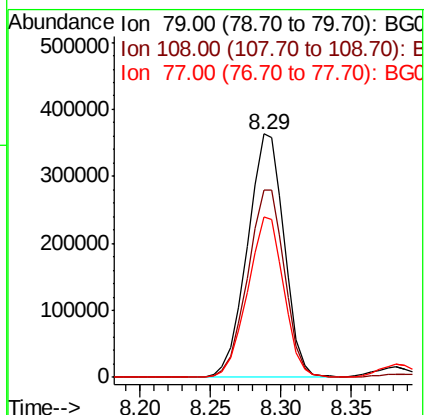
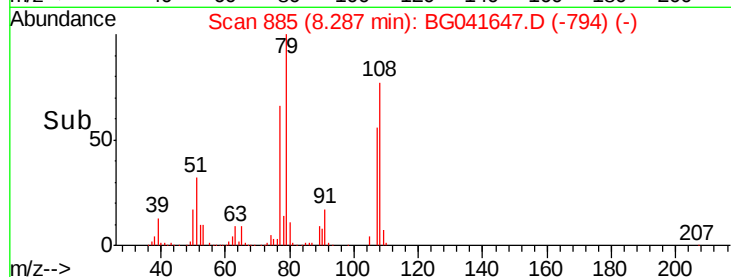
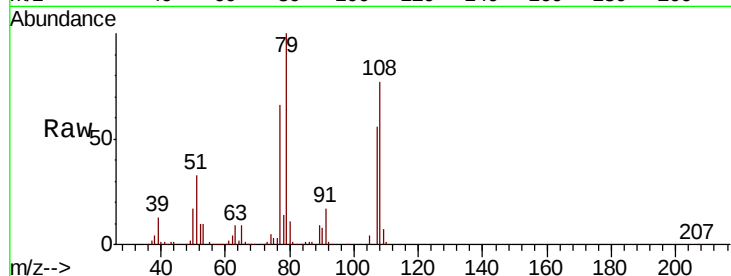
Tot Ion: 79 Resp: 661432

Ion Ratio Lower Upper

79 100

108 77.0 60.5 90.7

77 66.0 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 92.775 ng

RT: 8.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

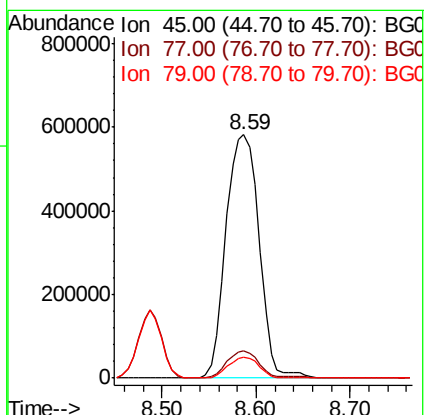
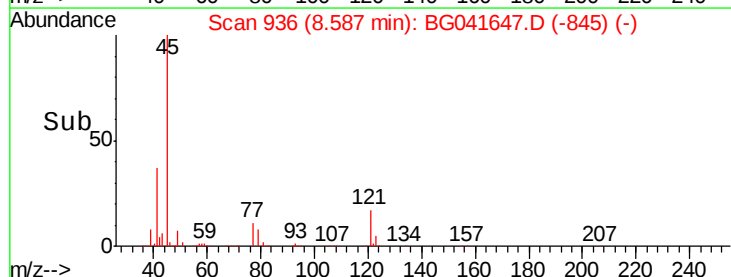
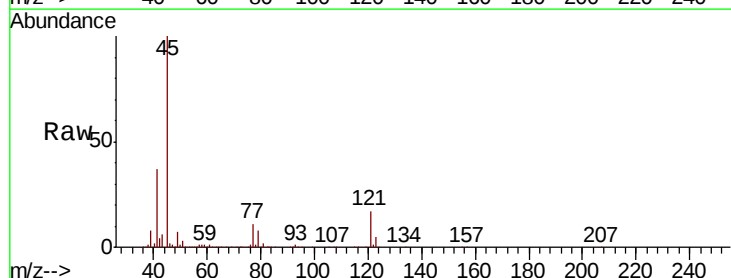
Tgt Ion: 45 Resp: 1425564

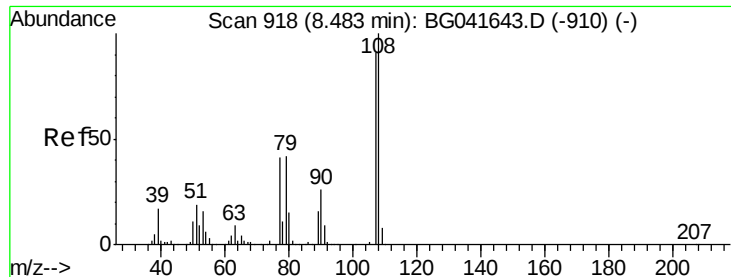
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.4

79 8.4 0.0 27.9





#17

2-Methylphenol

Concen: 96.789 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 603729

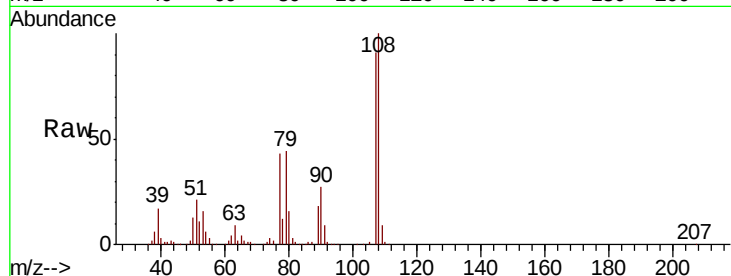
Ion Ratio Lower Upper

107 100

108 110.4 87.6 131.4

77 47.9 36.1 54.1

79 48.1 36.4 54.6

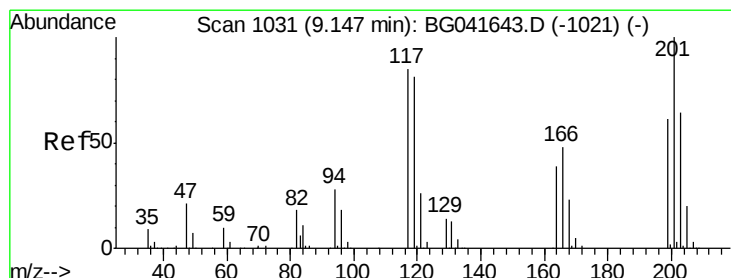
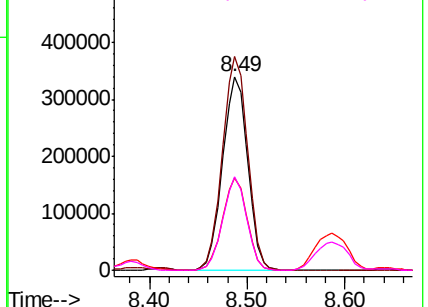
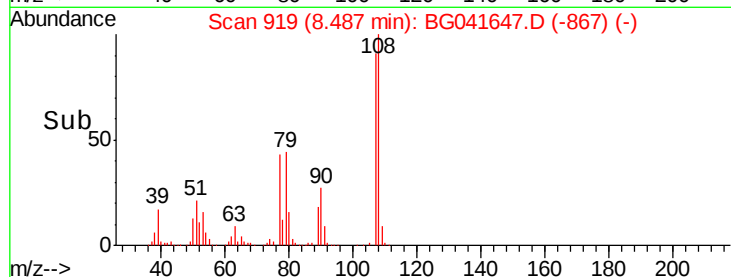


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 98.557 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

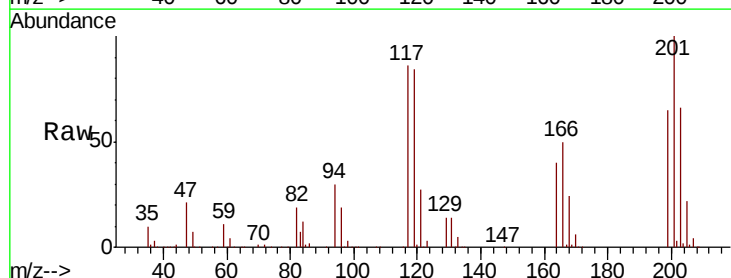
Tgt Ion:117 Resp: 310829

Ion Ratio Lower Upper

117 100

119 97.4 76.2 114.2

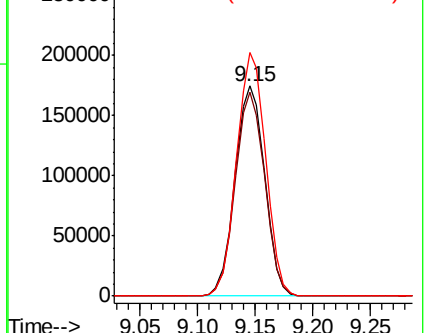
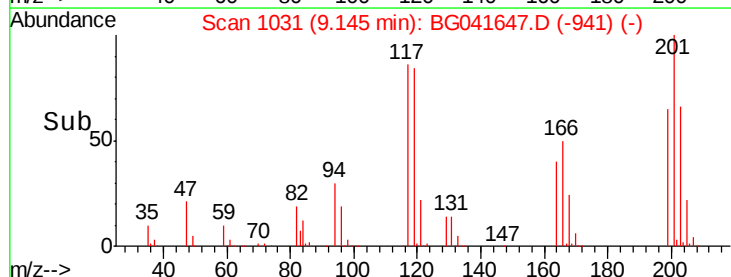
201 116.0 94.1 141.1

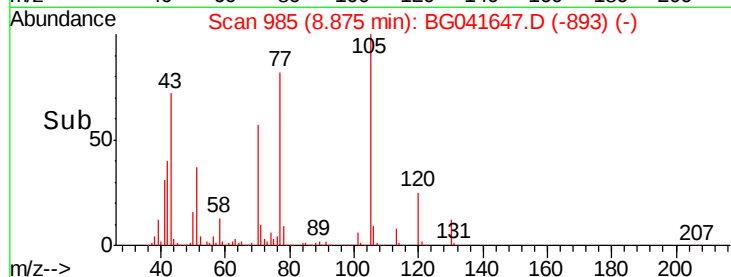
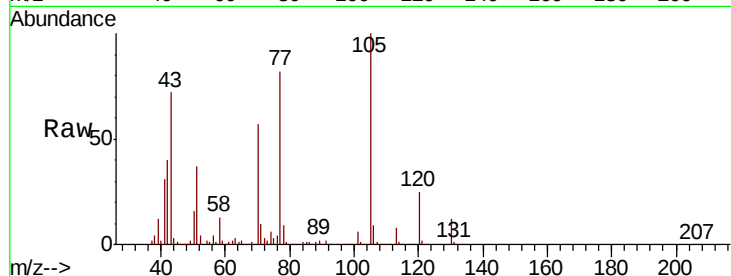
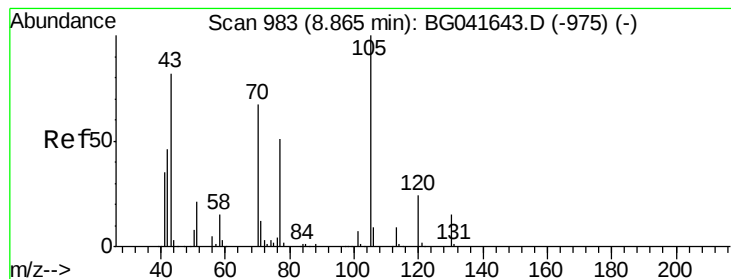


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 97.461 ng

RT: 8.88 min Scan# 985

Delta R.T. 0.01 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 603621

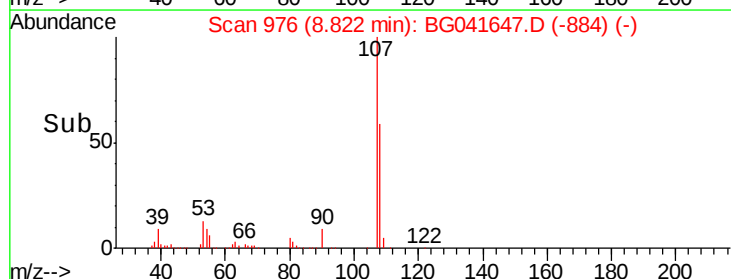
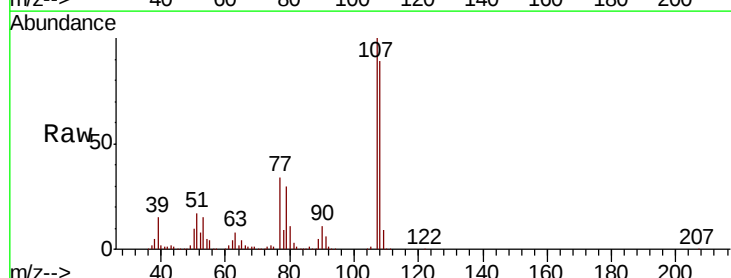
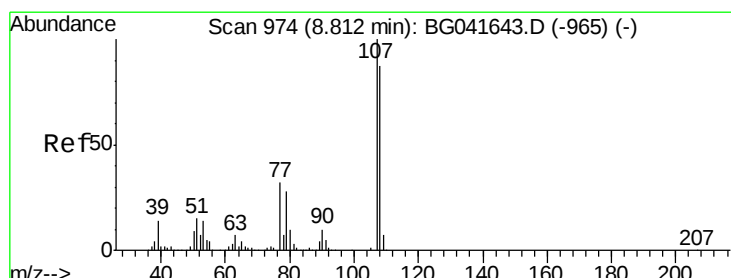
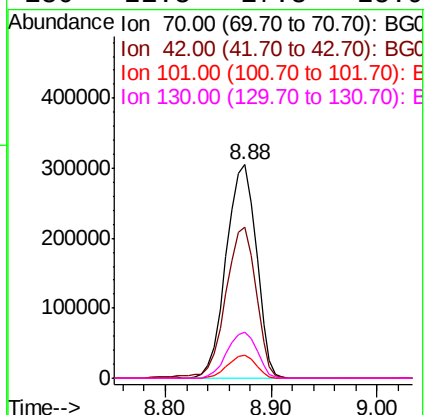
Ion Ratio Lower Upper

70 100

42 70.5 55.8 83.6

101 10.5 8.1 12.1

130 21.3 17.3 25.9



#20

3+4-Methylphenols

Concen: 96.124 ng

RT: 8.82 min Scan# 976

Delta R.T. 0.01 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Tgt Ion:107 Resp: 825437

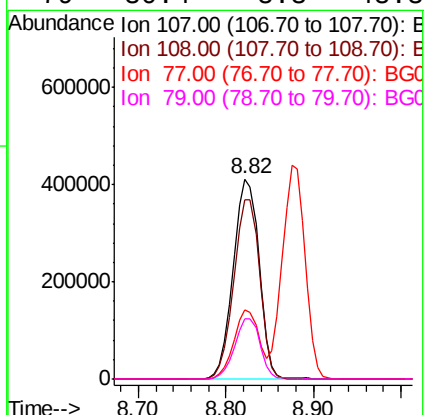
Ion Ratio Lower Upper

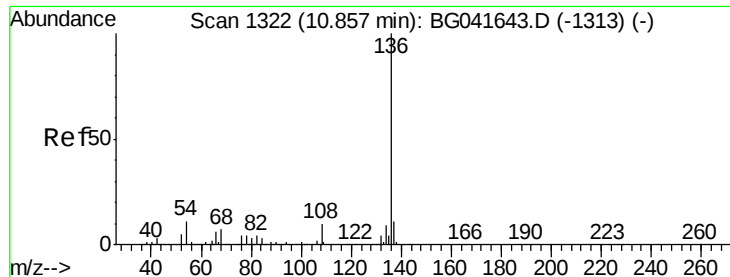
107 100

108 89.5 67.5 107.5

77 34.5 12.3 52.3

79 30.4 8.3 48.3

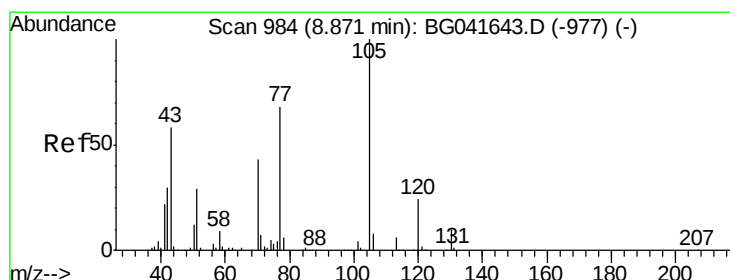
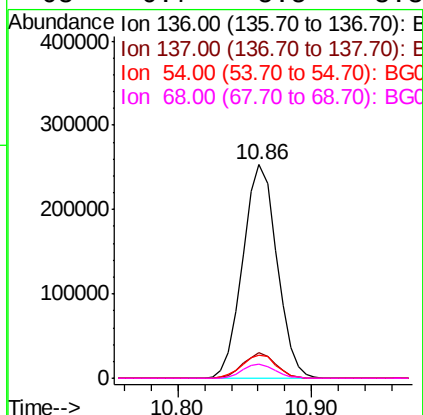
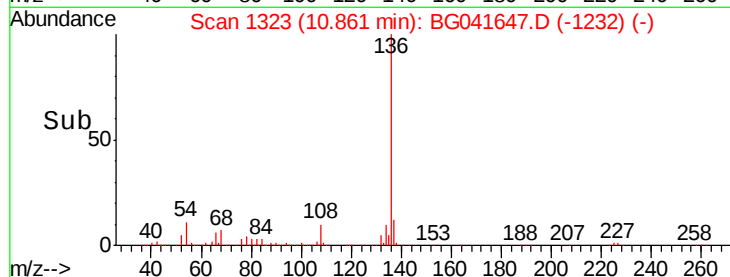
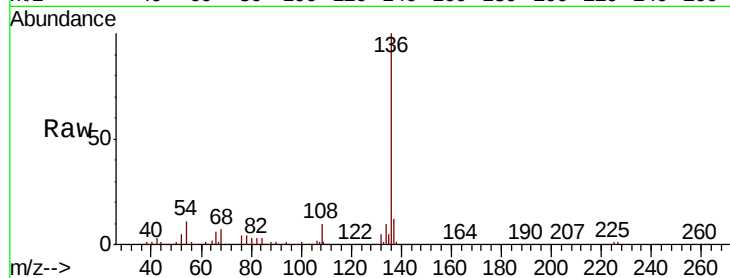




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

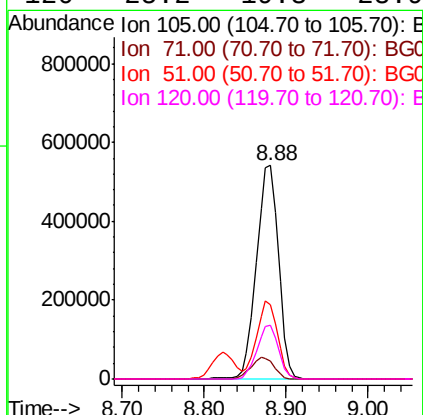
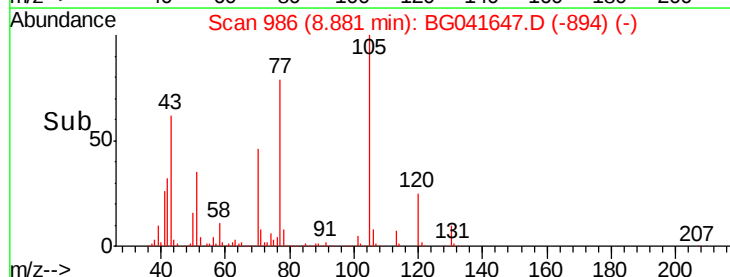
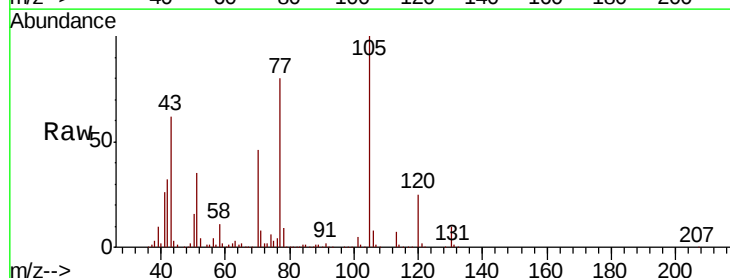
Instrument :
BNA_G
ClientSampleId :

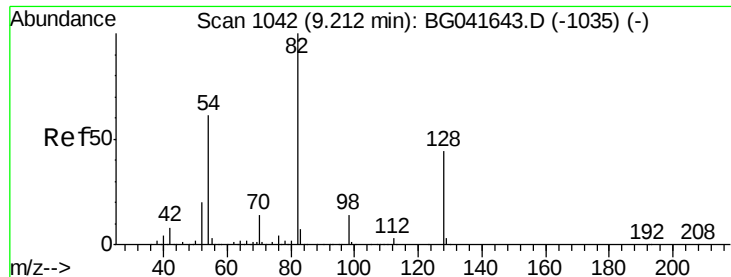
Tot Ion:136	Resp: 446581
Ion Ratio	Lower Upper
136 100	
137 12.0	9.2 13.8
54 10.6	8.7 13.1
68 6.7	5.5 8.3



#22
Acetophenone
Concen: 92.452 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.01 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Tgt	Ion:105	Resp:	1021651
Ion	Ratio	Lower	Upper
105	100		
71	8.1	5.9	8.9
51	35.0	27.7	41.5
120	25.2	19.3	28.9

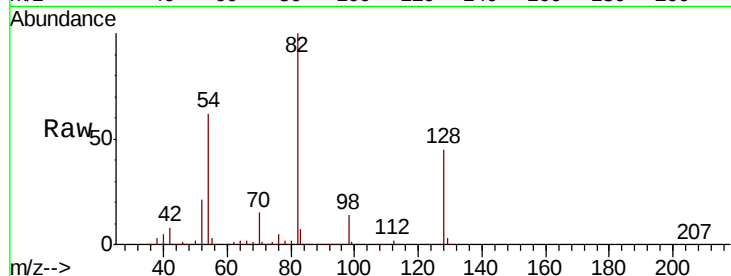




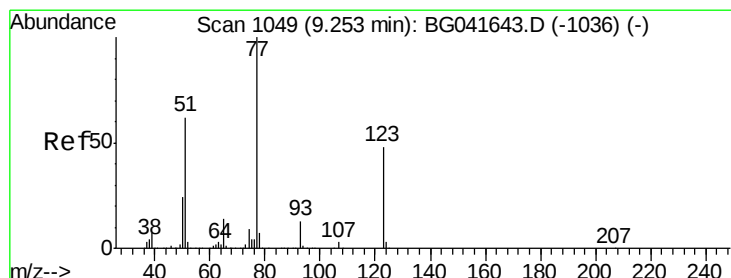
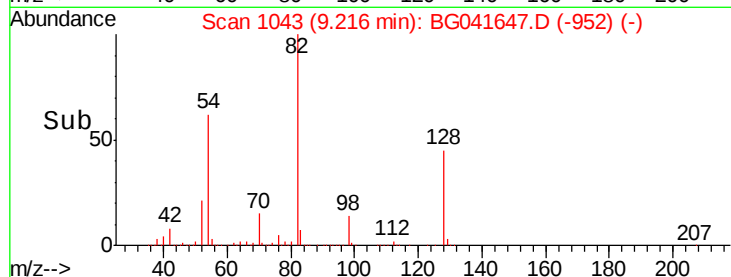
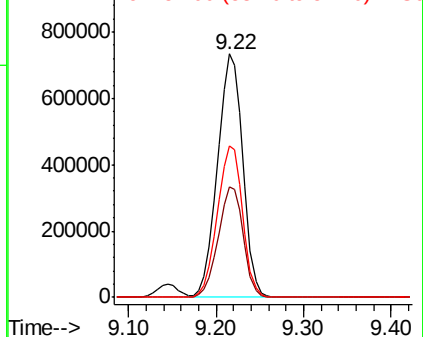
#23
Nitrobenzene-d5
Concen: 199.364 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 1460879
Ion Ratio Lower Upper
82 100
128 45.2 35.1 52.7
54 62.2 48.7 73.1

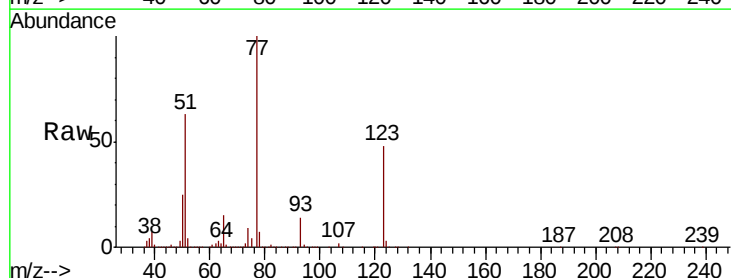


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

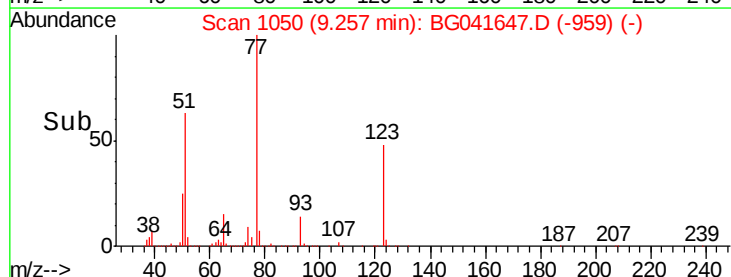
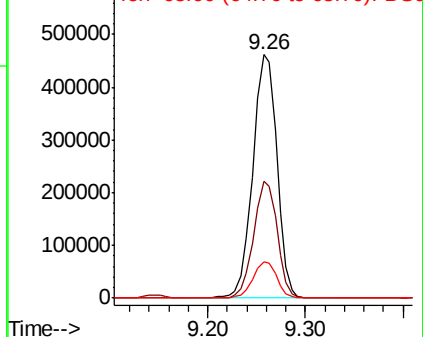


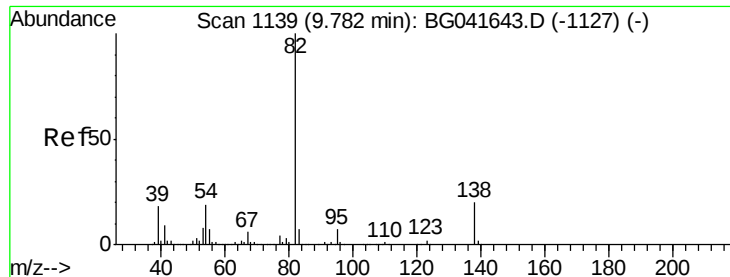
#24
Nitrobenzene
Concen: 104.319 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Tgt Ion: 77 Resp: 798343
Ion Ratio Lower Upper
77 100
123 48.1 38.1 57.1
65 15.1 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 93.927 ng

RT: 9.79 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Instrument :

BNA_G

ClientSampled :

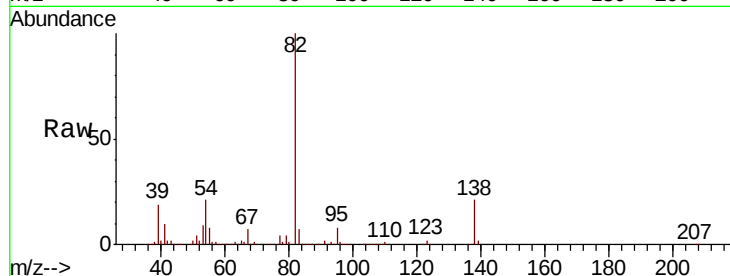
Tot Ion: 82 Resp: 1498782

Ion Ratio Lower Upper

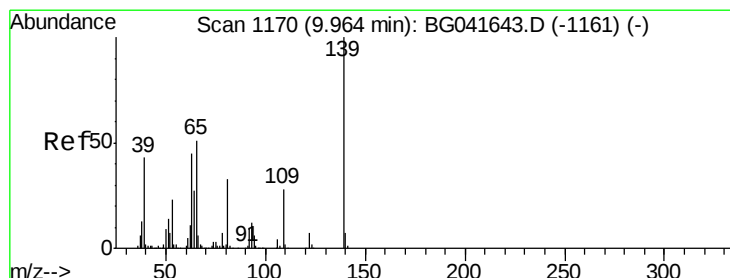
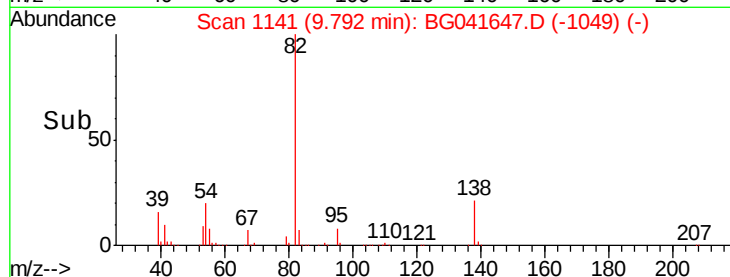
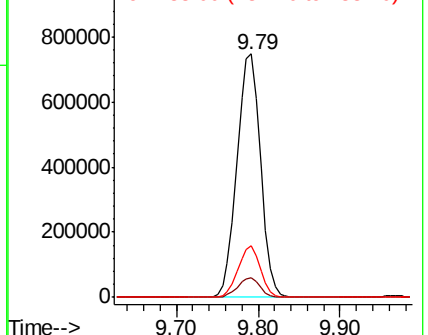
82 100

95 7.8 5.9 8.9

138 21.0 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 115.217 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

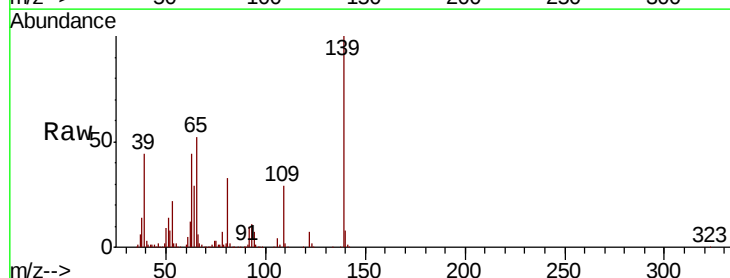
Tgt Ion: 139 Resp: 388174

Ion Ratio Lower Upper

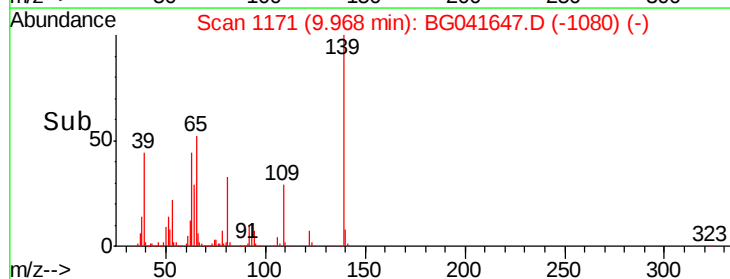
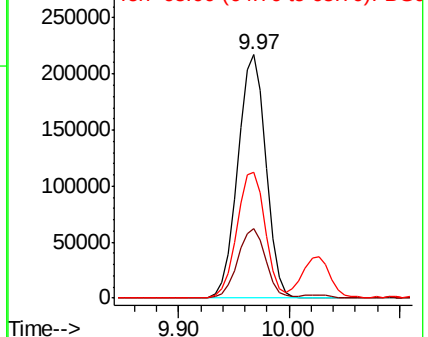
139 100

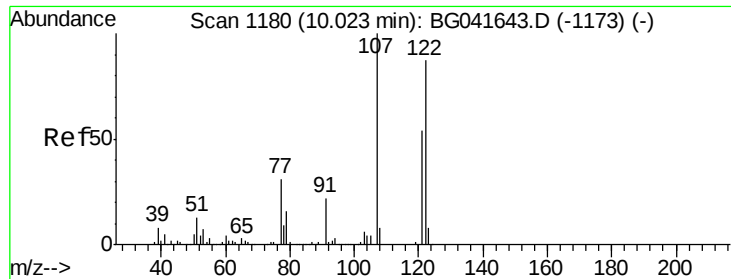
109 28.7 22.7 34.1

65 51.8 41.1 61.7



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

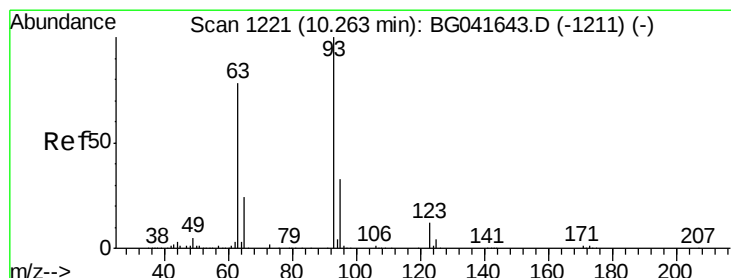
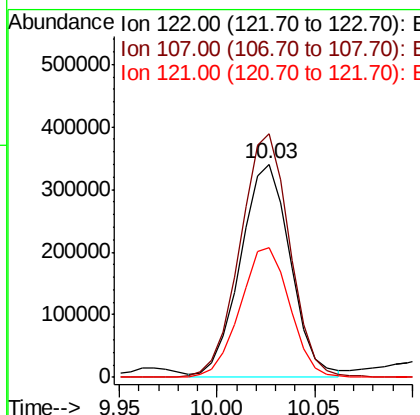
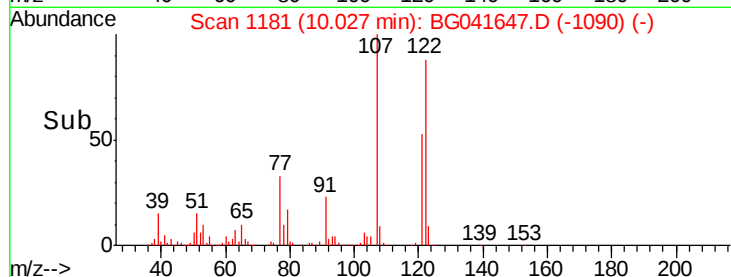
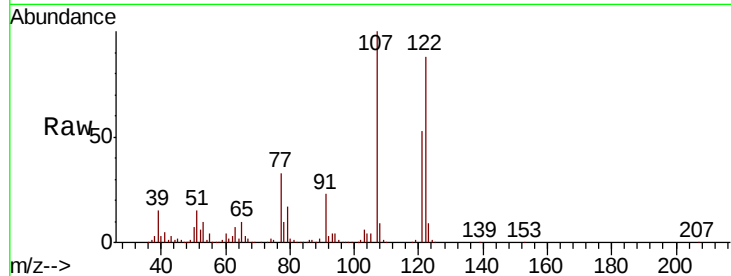




#27
 2,4-Dimethylphenol
 Concen: 95.035 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BG041647.D
 Acq: 15 Jul 2019 12:22

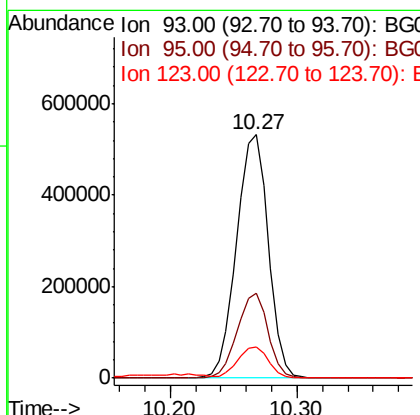
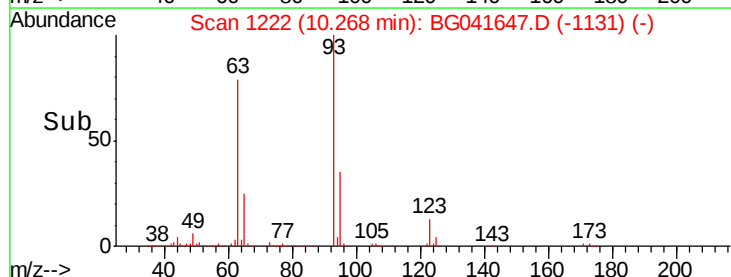
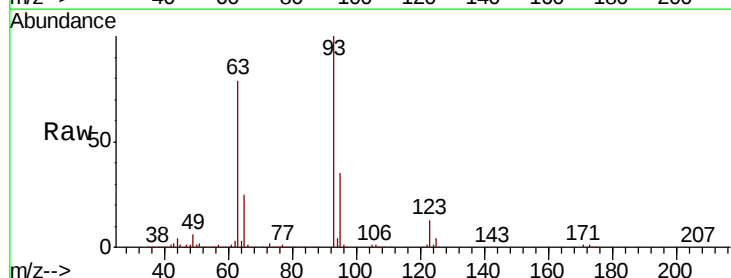
Instrument :
 BNA_G
 ClientSampled :

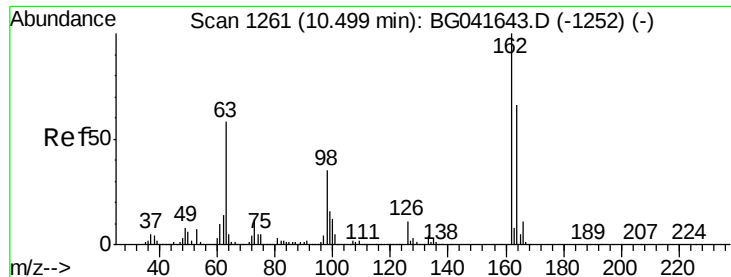
Tot Ion:122 Resp: 603293
 Ion Ratio Lower Upper
 122 100
 107 114.0 91.3 136.9
 121 60.8 49.2 73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 92.983 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BG041647.D
 Acq: 15 Jul 2019 12:22

Tgt Ion: 93 Resp: 920679
 Ion Ratio Lower Upper
 93 100
 95 35.1 26.2 39.4
 123 12.6 9.9 14.9

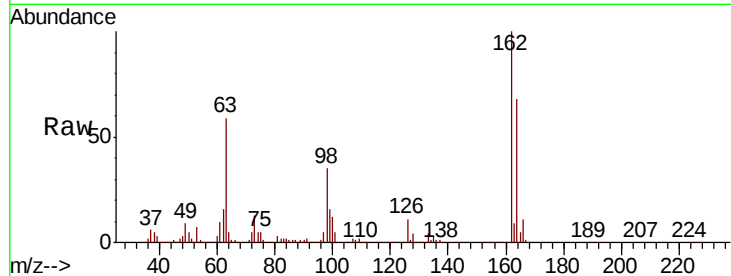




#29
 2,4-Dichlorophenol
 Concen: 95.675 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BG041647.D
 Acq: 15 Jul 2019 12:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.8	46.1	86.1
98	35.3	14.7	54.7

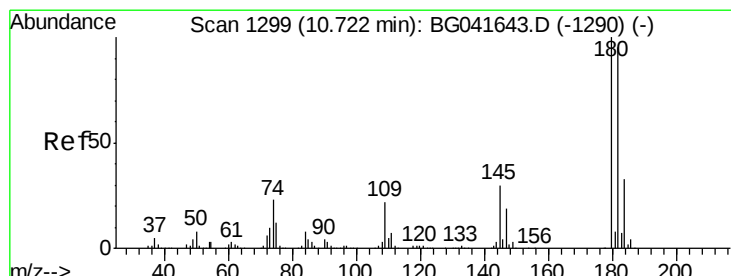
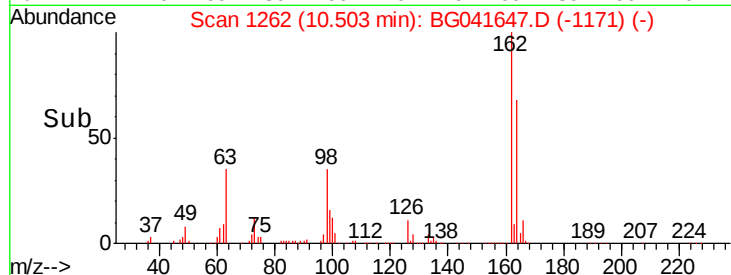
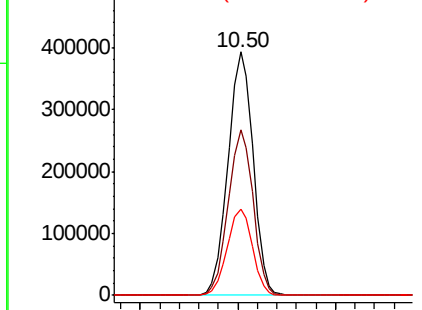


Abundance

Ion 162.00 (161.70 to 162.70): E

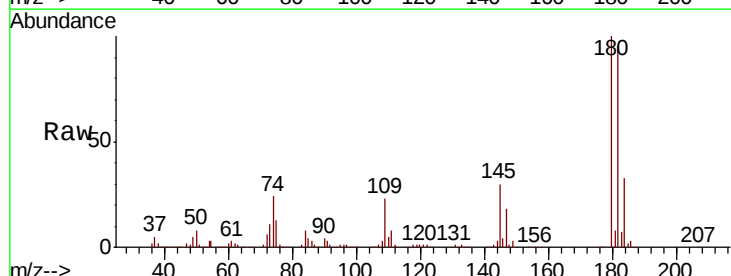
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 95.317 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BG041647.D
 Acq: 15 Jul 2019 12:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.2
145	30.0	23.8	35.8

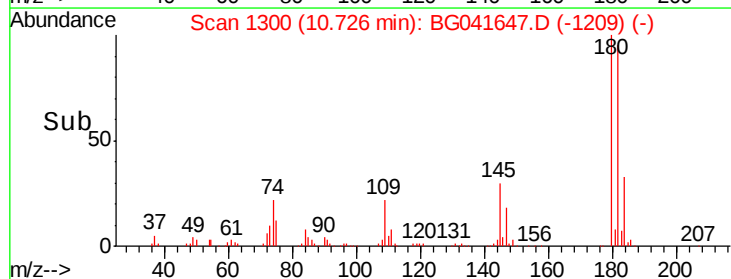
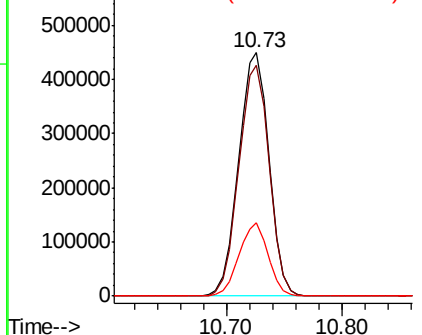


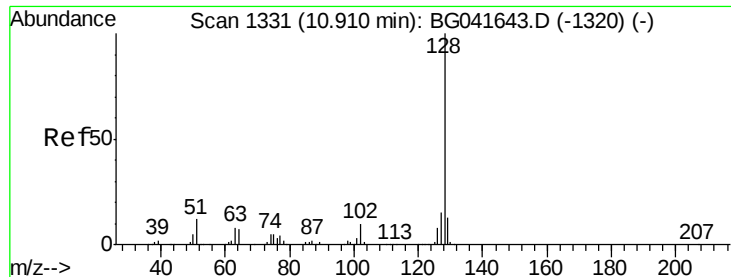
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

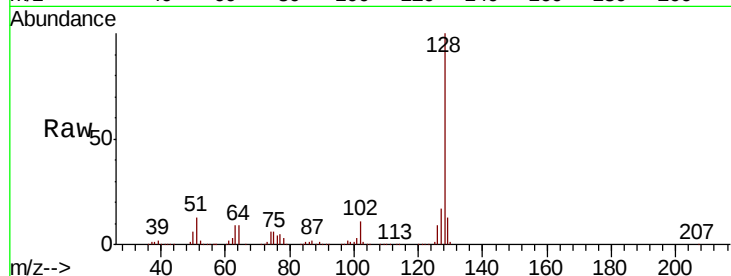




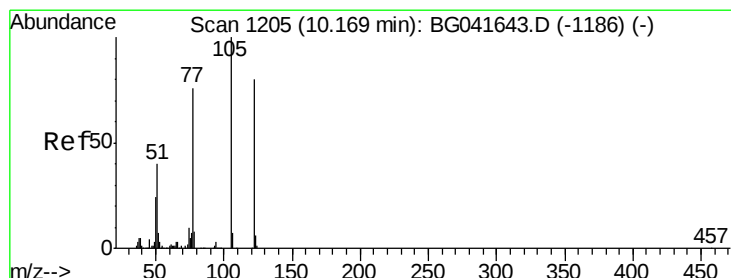
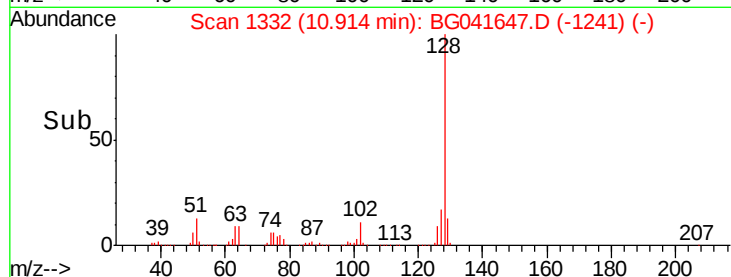
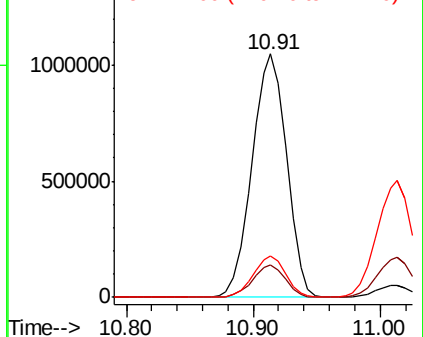
#31
Naphthalene
Concen: 91.118 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 1987114
Ion Ratio Lower Upper
128 100
129 13.4 10.0 15.0
127 16.9 12.3 18.5

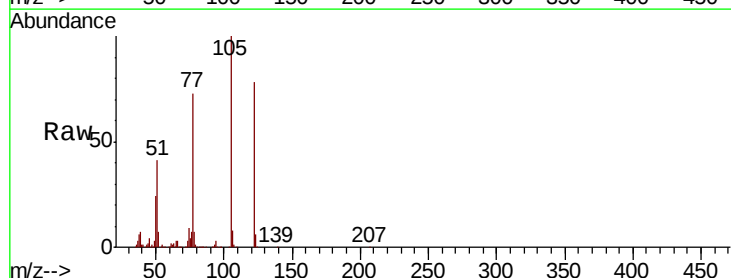


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

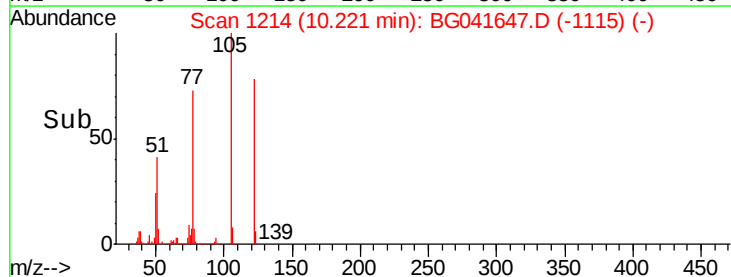
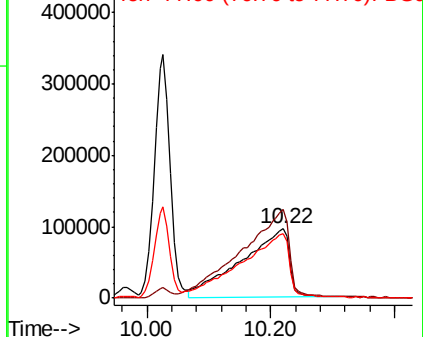


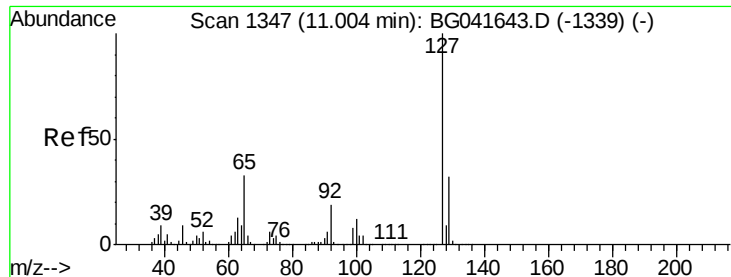
#32
Benzoic acid
Concen: 110.749 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.05 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Tgt Ion:122 Resp: 516548
Ion Ratio Lower Upper
122 100
105 128.1 101.5 141.5
77 93.6 73.0 113.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

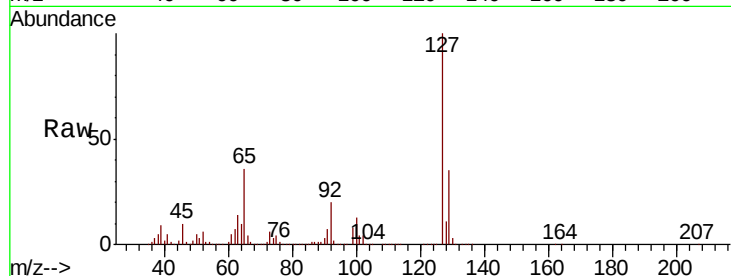




#33
4-Chloroaniline
Concen: 91.647 ng
RT: 11.01 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	960582
Ion	Ratio	Lower	Upper
127	100		
129	34.6	25.8	38.8
65	35.5	26.7	40.1
92	20.2	15.4	23.0



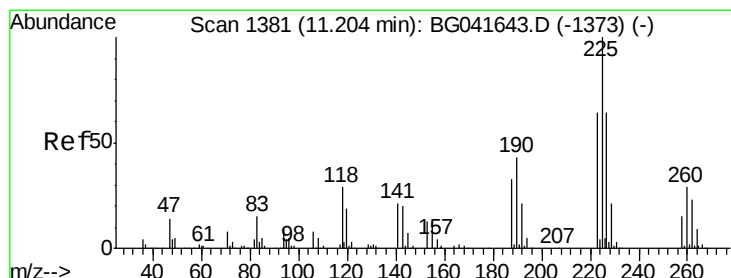
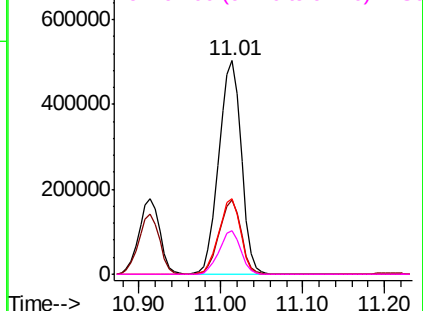
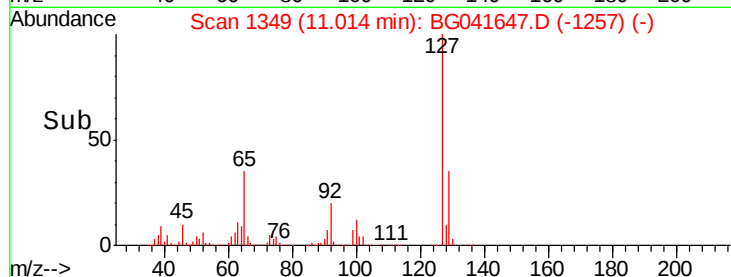
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

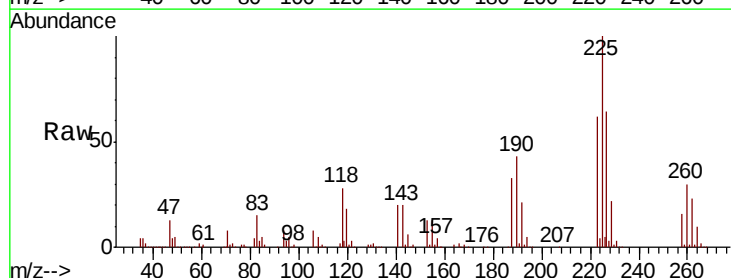
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 96.947 ng
RT: 11.21 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Tgt Ion:	225	Resp:	536964
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.1	76.7
227	63.7	50.9	76.3

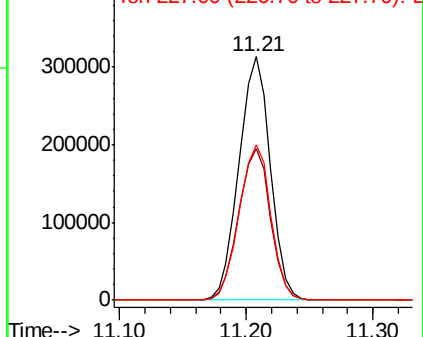
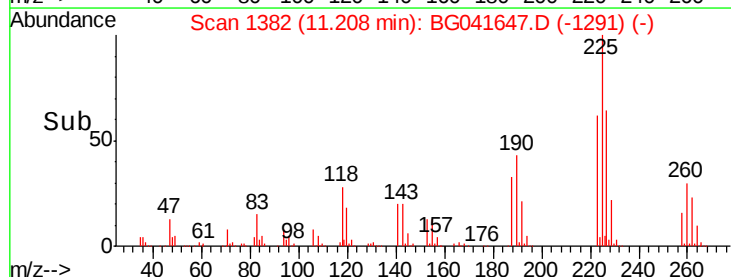


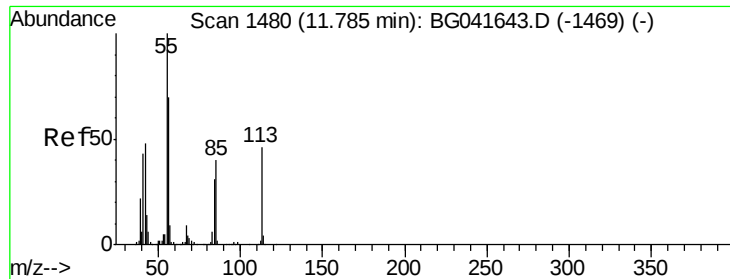
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 73.961 ng

RT: 11.81 min Scan# 1485

Delta R.T. 0.03 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Instrument :

BNA_G

ClientSampleId :

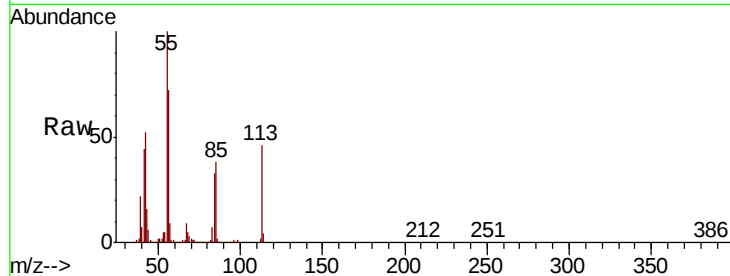
Tot Ion:113 Resp: 207085

Ion Ratio Lower Upper

113 100

55 215.7 199.4 239.4

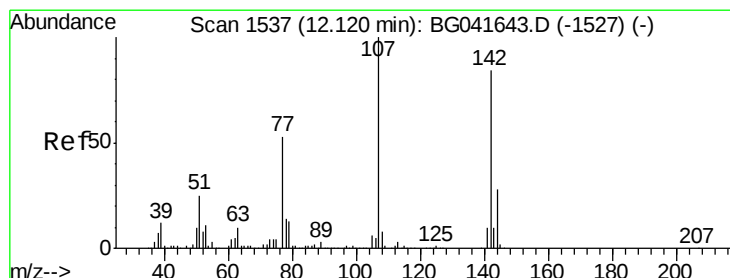
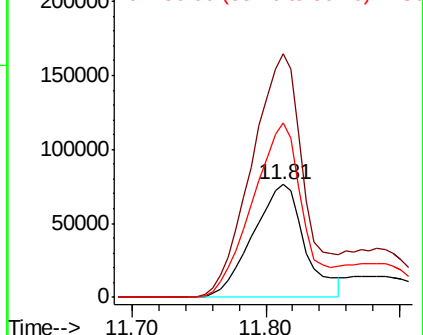
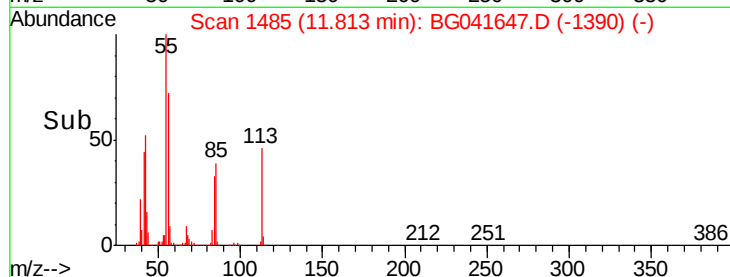
56 154.3 133.6 173.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 95.035 ng

RT: 12.13 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

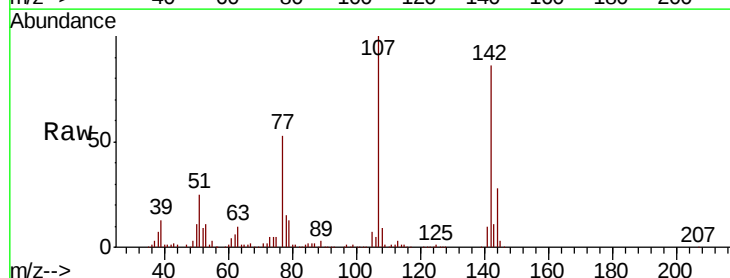
Tgt Ion:107 Resp: 725386

Ion Ratio Lower Upper

107 100

144 28.5 22.2 33.2

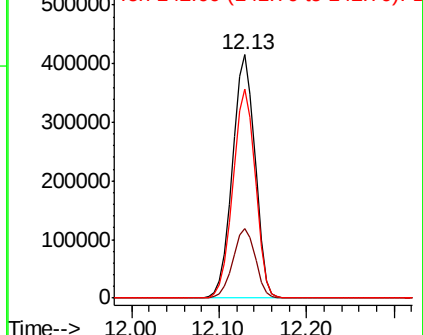
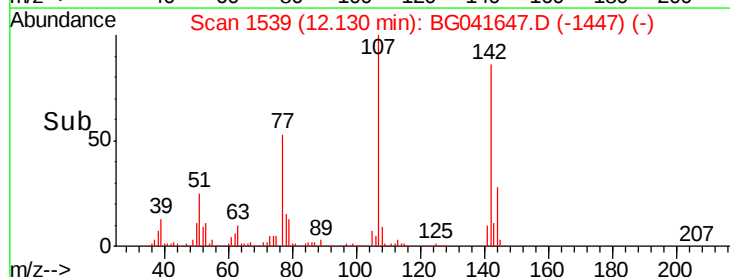
142 85.9 67.3 100.9

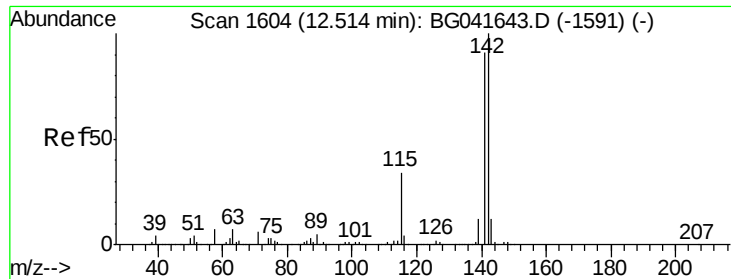


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

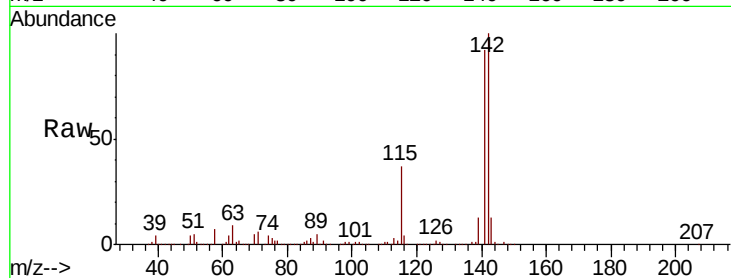




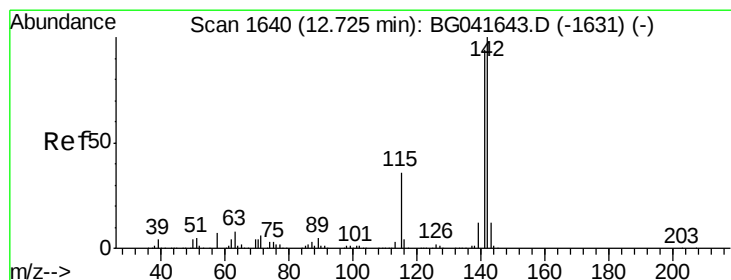
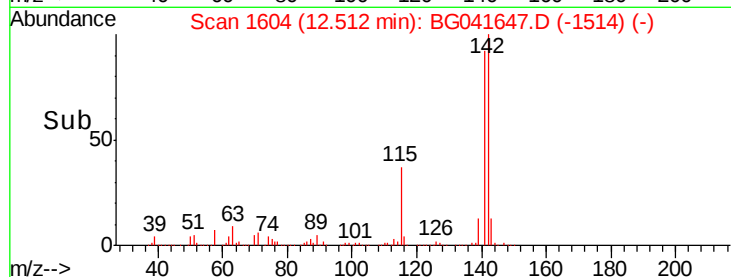
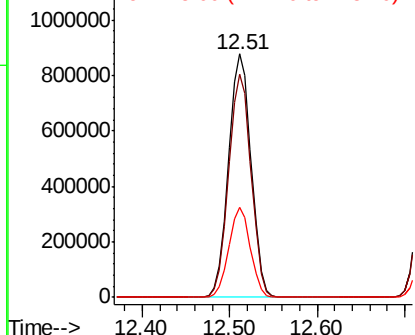
#37
2-Methylnaphthalene
Concen: 92.059 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 1533872
Ion Ratio Lower Upper
142 100
141 91.7 72.7 109.1
115 37.2 27.0 40.4

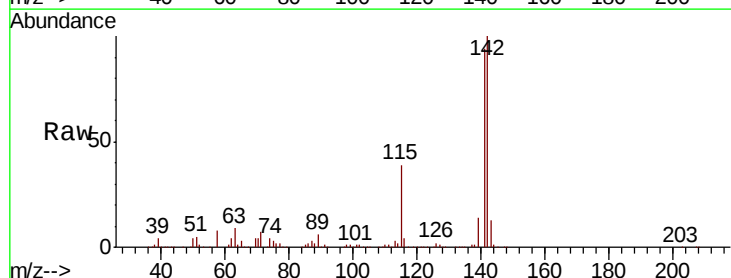


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

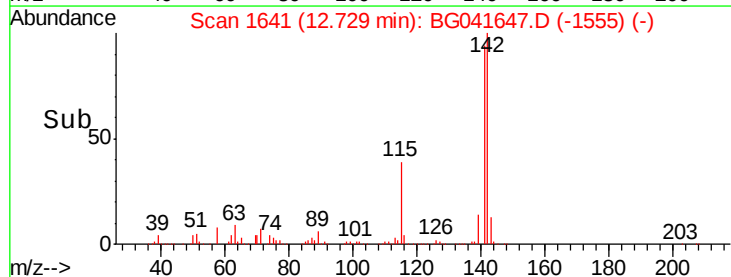
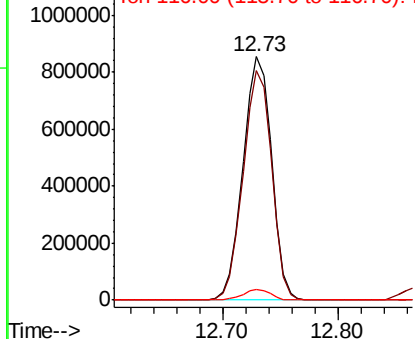


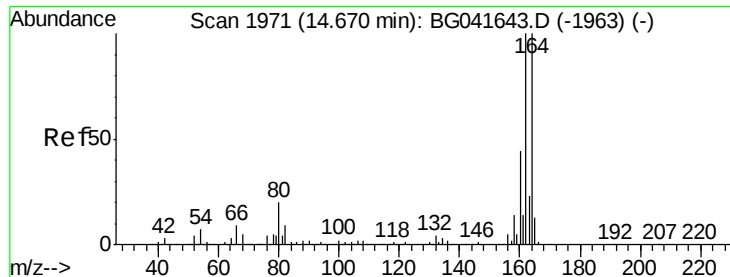
#38
1-Methylnaphthalene
Concen: 93.019 ng
RT: 12.73 min Scan# 1641
Delta R.T. 0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Tgt Ion:142 Resp: 1471087
Ion Ratio Lower Upper
142 100
141 94.4 75.4 113.2
116 4.4 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Instrument :

BNA_G

ClientSampleId :

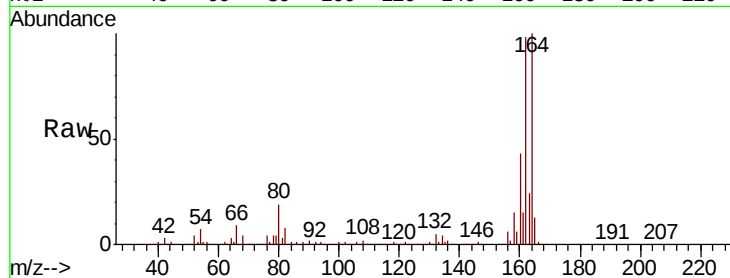
Tot Ion:164 Resp: 272398

Ion Ratio Lower Upper

164 100

162 98.4 79.6 119.4

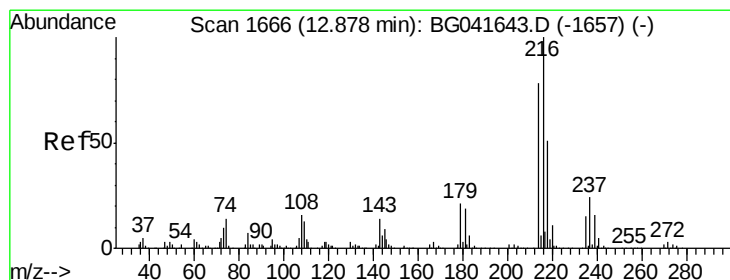
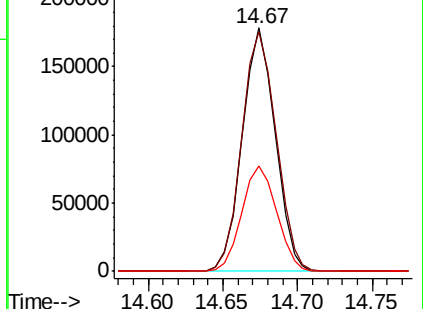
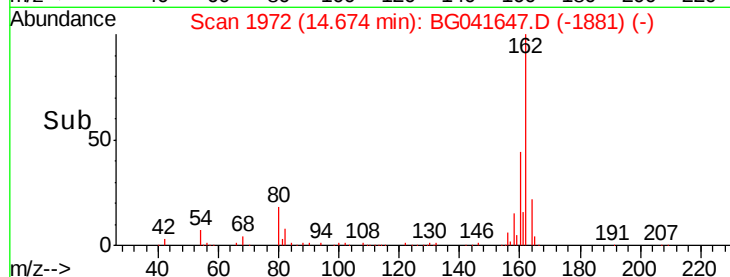
160 43.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 95.217 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Tgt Ion:216 Resp: 878812

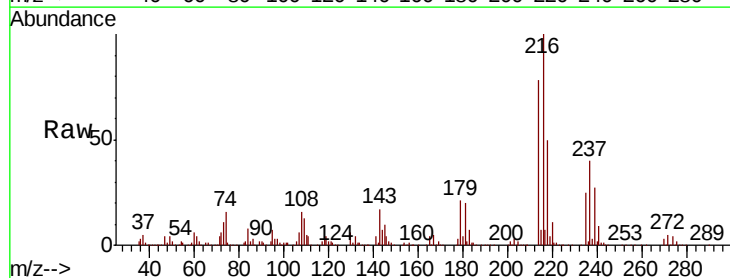
Ion Ratio Lower Upper

216 100

214 78.0 61.5 92.3

179 20.5 16.2 24.2

108 16.5 13.2 19.8

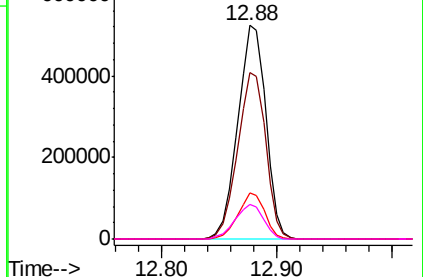
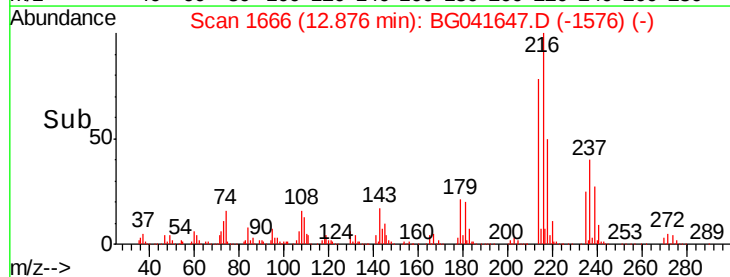


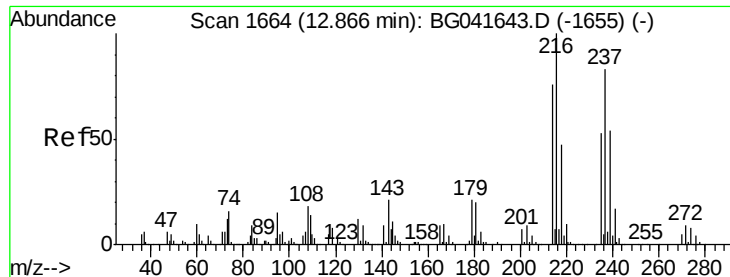
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 94.147 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Instrument :

BNA_G

ClientSampleId :

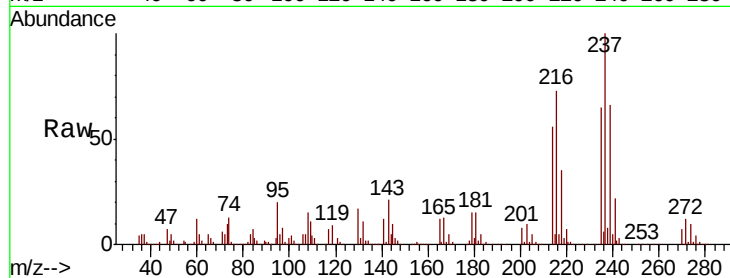
Tot Ion:237 Resp: 532429

Ion Ratio Lower Upper

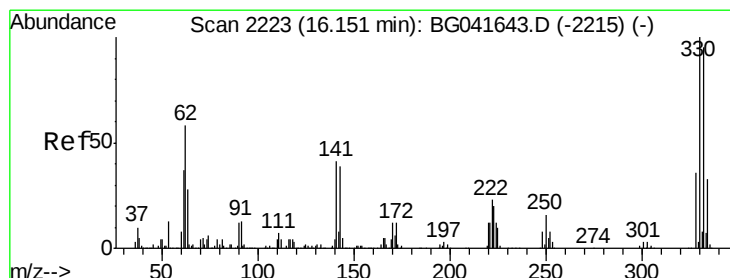
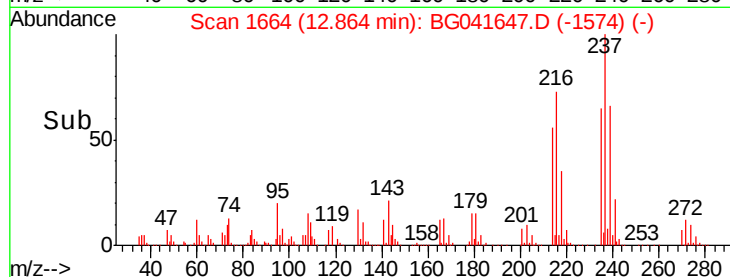
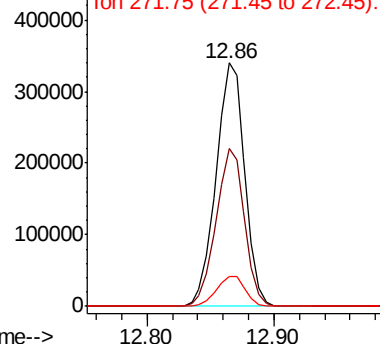
237 100

235 65.0 43.5 83.5

272 12.5 0.0 31.2



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 194.671 ng

RT: 16.15 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

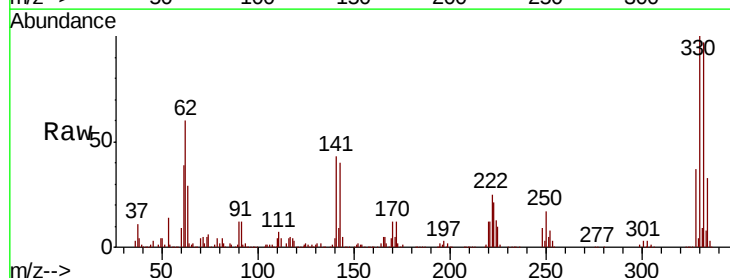
Tgt Ion:330 Resp: 606390

Ion Ratio Lower Upper

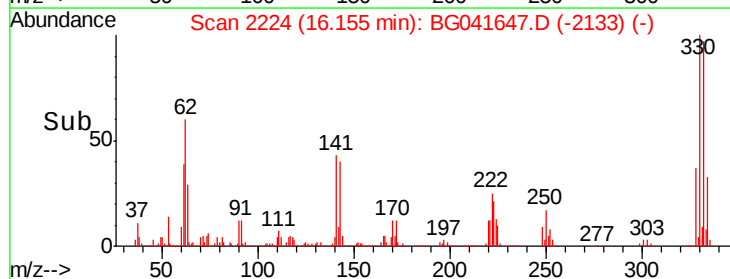
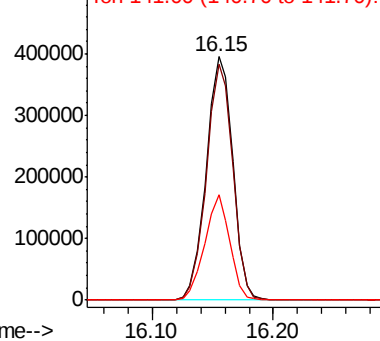
330 100

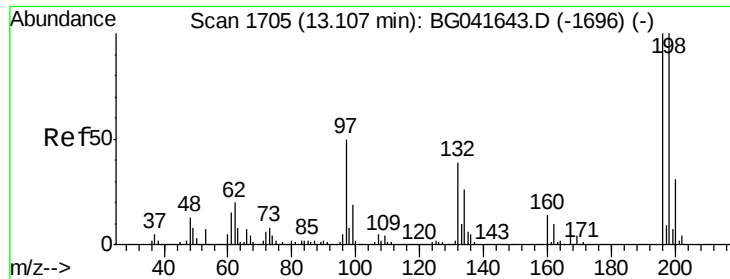
332 96.1 77.4 116.0

141 40.8 31.9 47.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

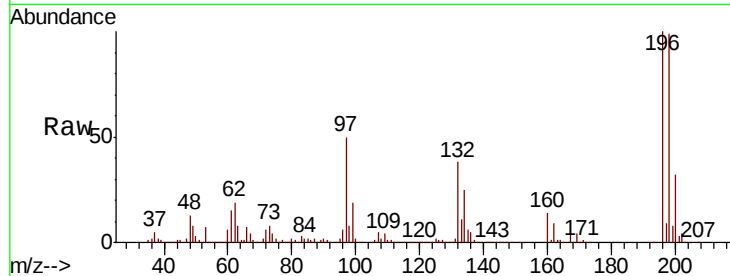




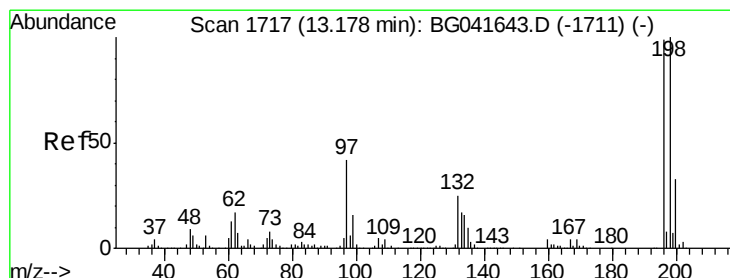
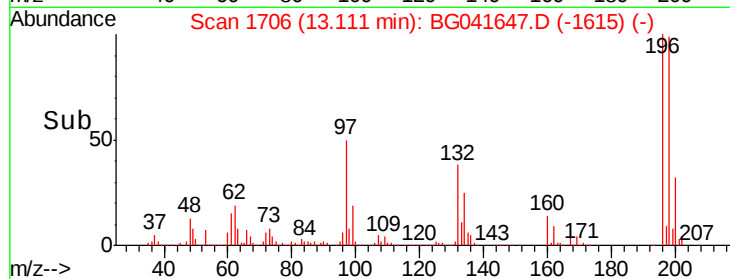
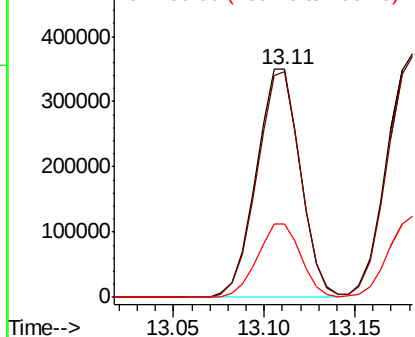
#43
 2,4,6-Trichlorophenol
 Concen: 98.050 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG041647.D
 Acq: 15 Jul 2019 12:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 594143
 Ion Ratio Lower Upper
 196 100
 198 99.2 79.6 119.4
 200 32.0 25.2 37.8

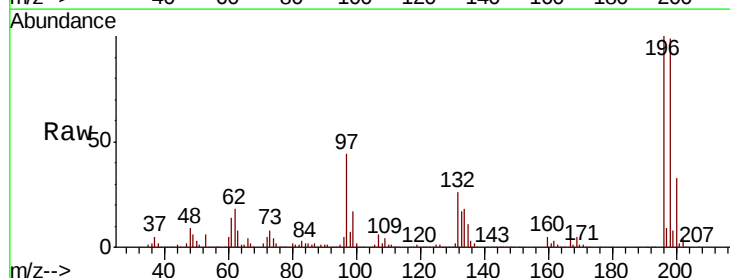


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

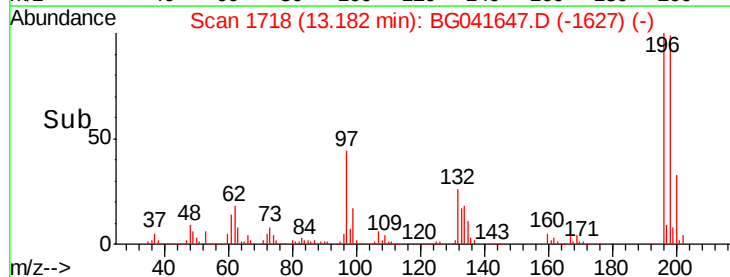
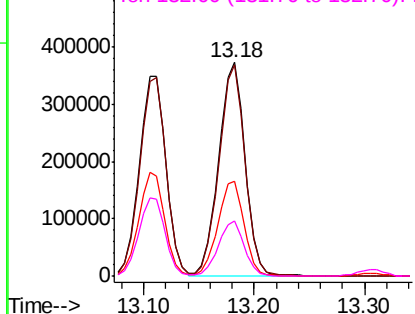


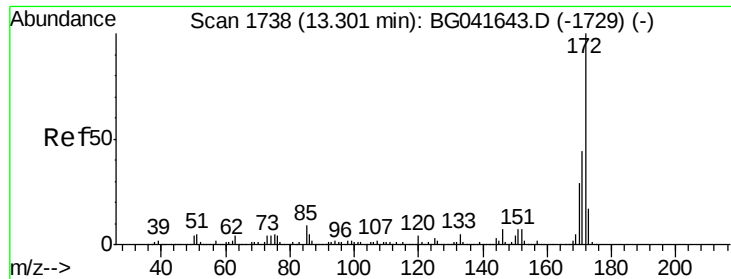
#44
 2,4,5-Trichlorophenol
 Concen: 100.012 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BG041647.D
 Acq: 15 Jul 2019 12:22

Tgt Ion:196 Resp: 618911
 Ion Ratio Lower Upper
 196 100
 198 98.8 80.6 121.0
 97 44.5 33.9 50.9
 132 25.6 20.2 30.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

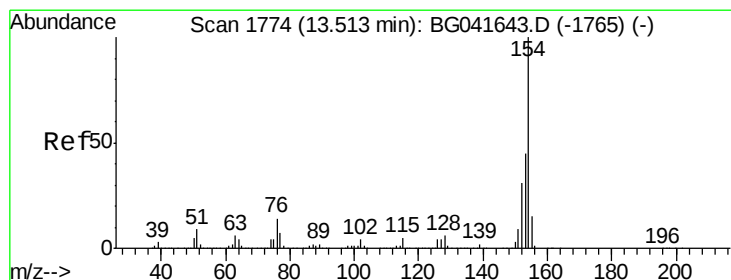
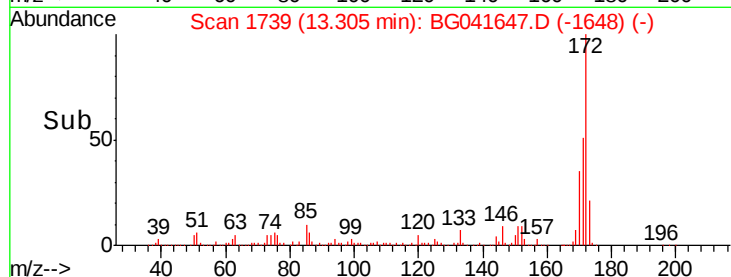
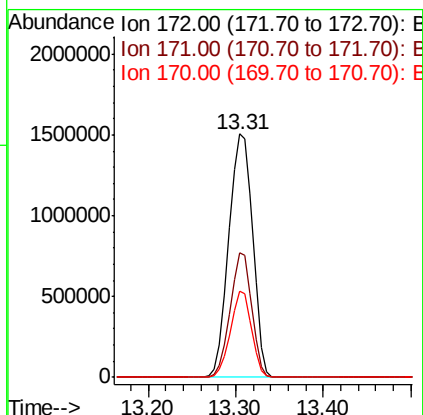
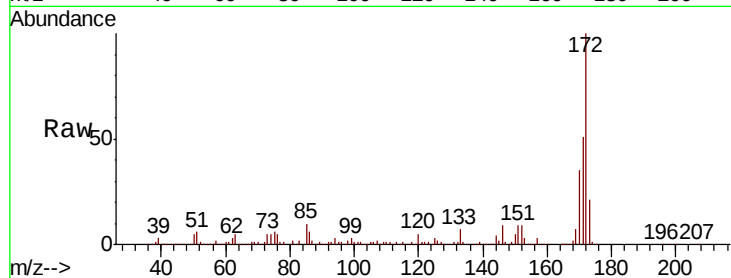




#45
2-Fluorobiphenyl
Concen: 161.342 ng
RT: 13.31 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

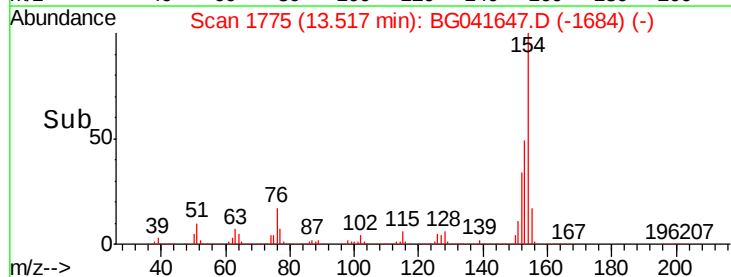
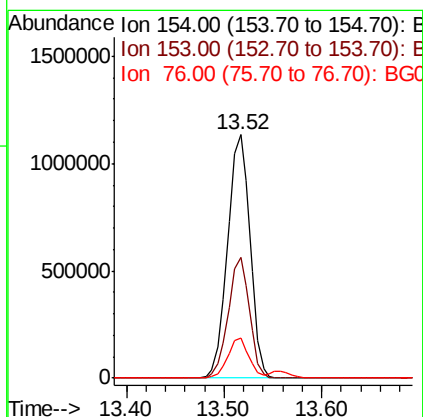
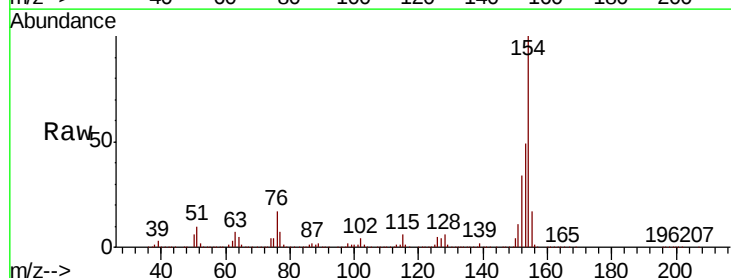
Instrument :
BNA_G
ClientSampleId :

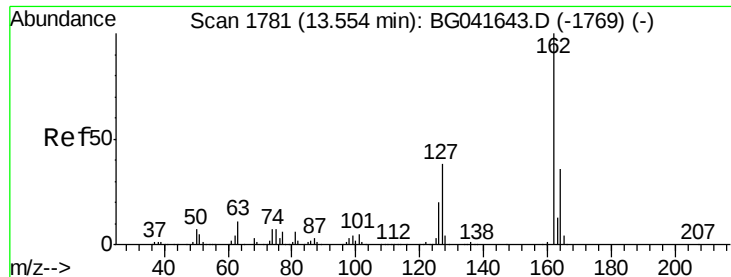
Tot Ion:172 Resp: 2795493
Ion Ratio Lower Upper
172 100
171 51.0 35.0 52.4
170 35.2 23.5 35.3



#46
1,1'-Biphenyl
Concen: 89.422 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Tgt Ion:154 Resp: 1799935
Ion Ratio Lower Upper
154 100
153 49.4 25.0 65.0
76 16.5 0.0 34.5

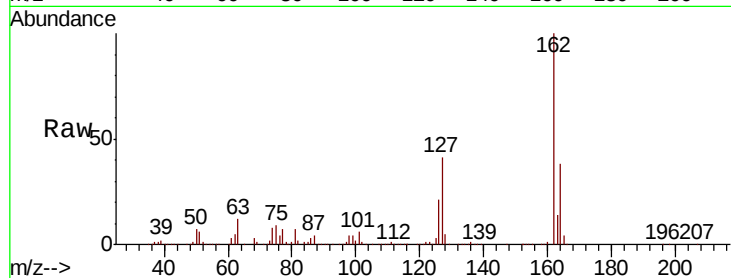




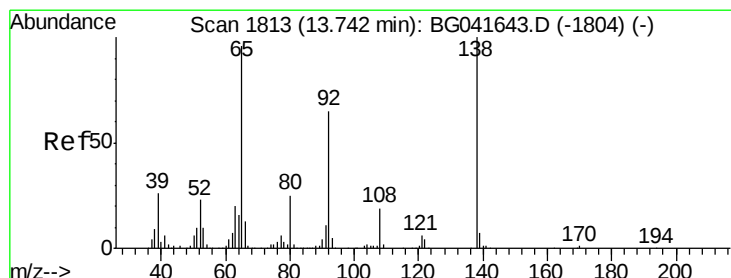
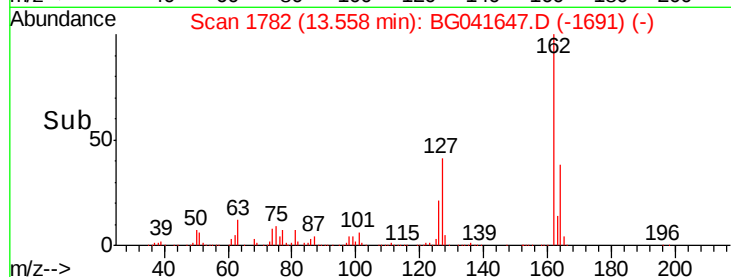
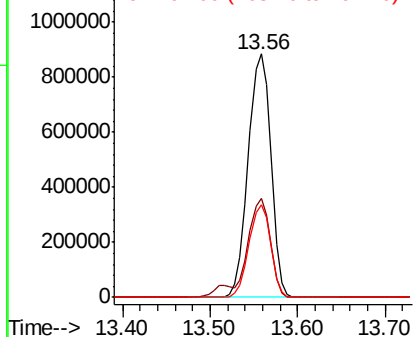
#47
2-Chloronaphthalene
Concen: 92.251 ng
RT: 13.56 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:162 Resp: 1546463
Ion Ratio Lower Upper
162 100
127 40.8 30.4 45.6
164 38.1 28.6 42.8

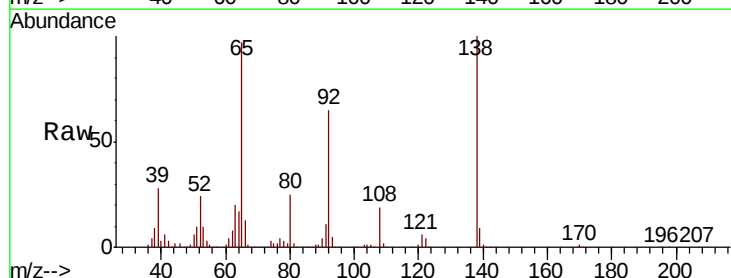


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

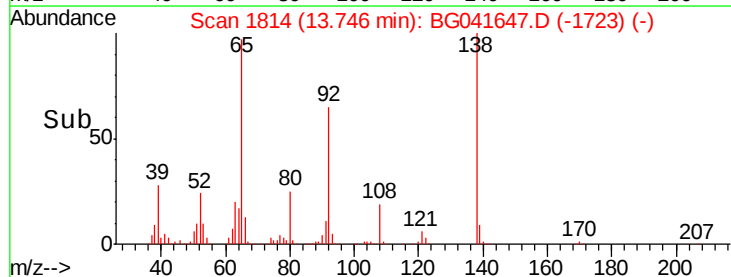
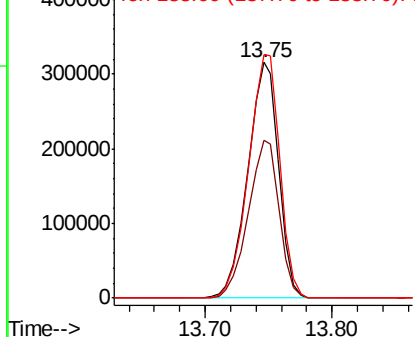


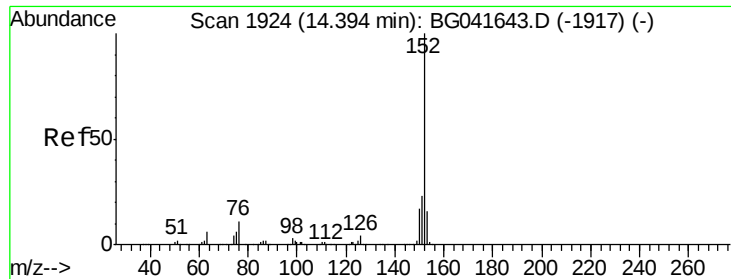
#48
2-Nitroaniline
Concen: 114.874 ng
RT: 13.75 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Tgt Ion: 65 Resp: 532977
Ion Ratio Lower Upper
65 100
92 66.9 53.9 80.9
138 103.3 83.5 125.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 89.325 ng

RT: 14.40 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Instrument :

BNA_G

ClientSampleId :

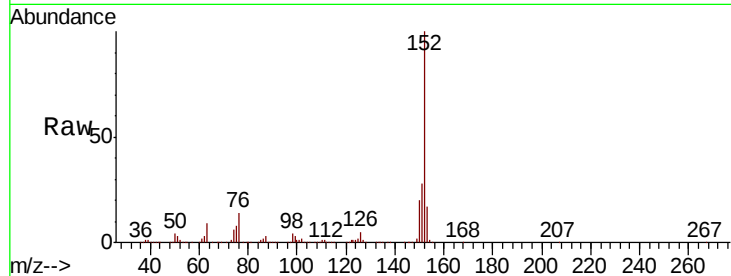
Tot Ion:152 Resp: 2280489

Ion Ratio Lower Upper

152 100

151 27.7 18.7 28.1

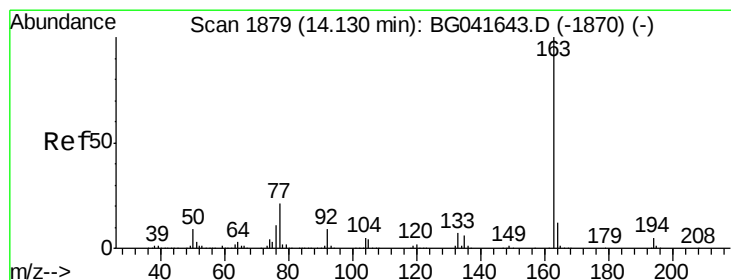
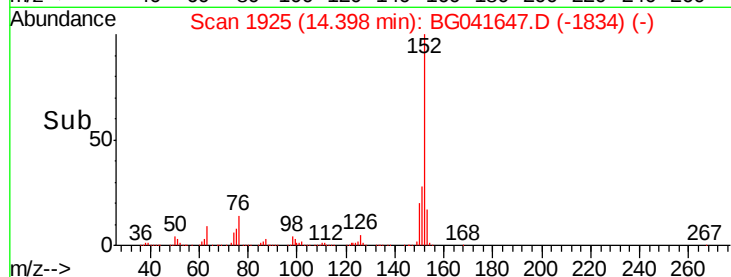
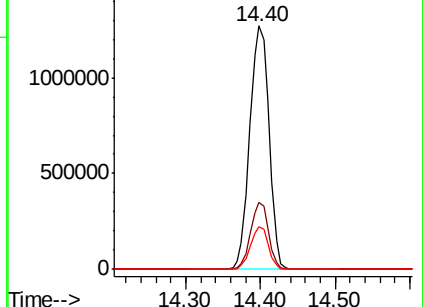
153 17.4 12.4 18.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 87.501 ng

RT: 14.14 min Scan# 1881

Delta R.T. 0.01 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

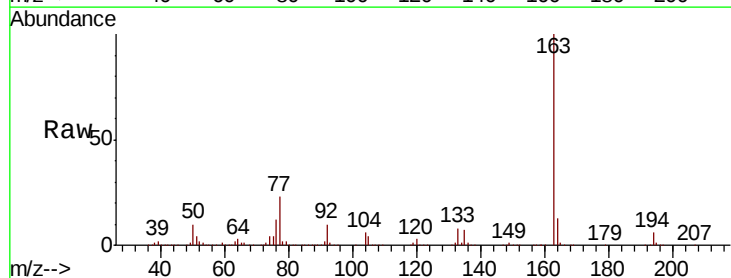
Tgt Ion:163 Resp: 1867594

Ion Ratio Lower Upper

163 100

194 6.0 4.2 6.2

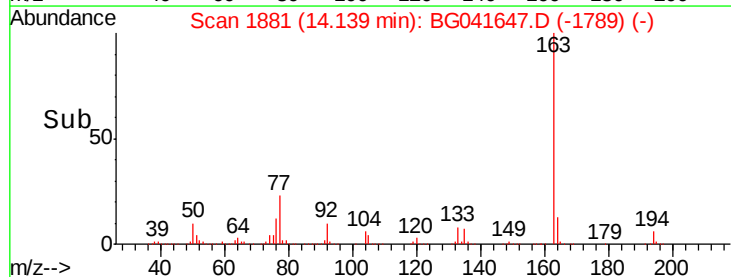
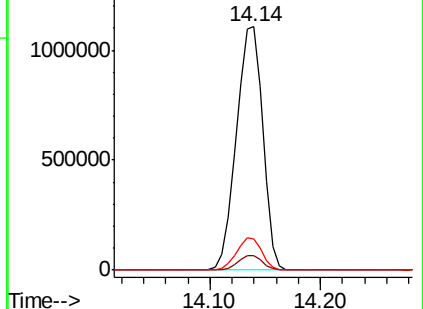
164 12.7 9.4 14.2

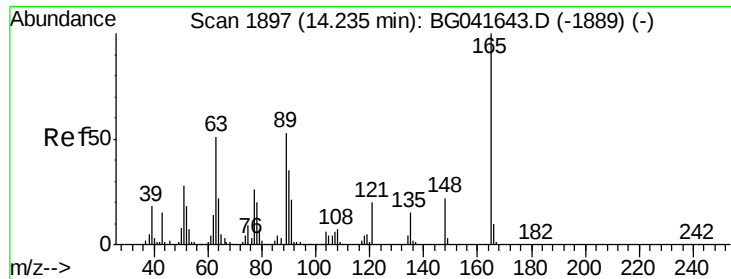


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

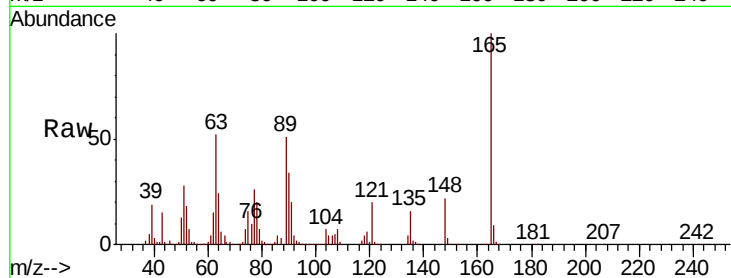




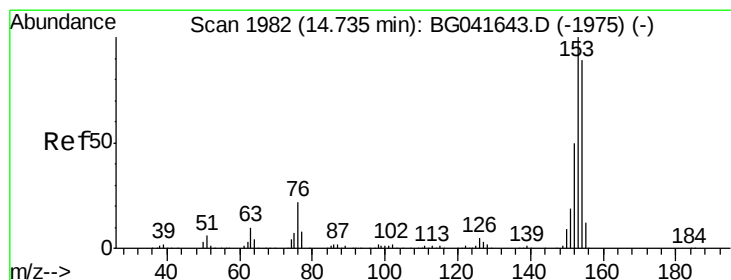
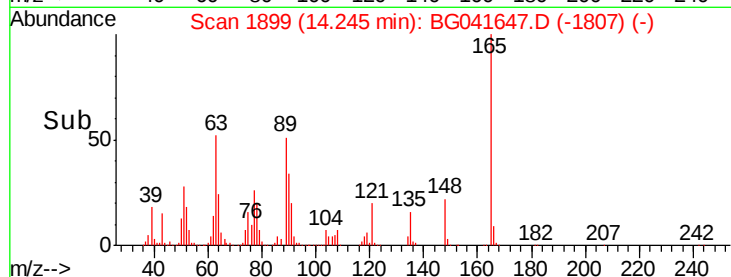
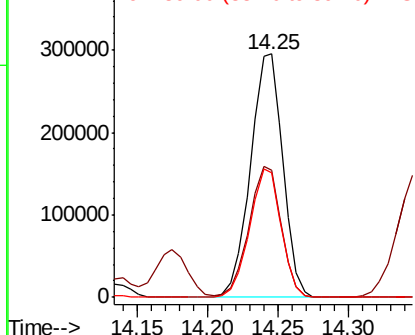
#51
2,6-Dinitrotoluene
Concen: 111.469 ng
RT: 14.25 min Scan# 1899
Delta R.T. 0.01 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 474597
Ion Ratio Lower Upper
165 100
63 52.3 42.4 63.6
89 51.0 42.1 63.1

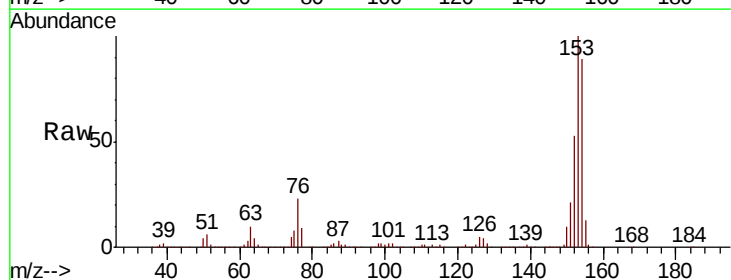


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

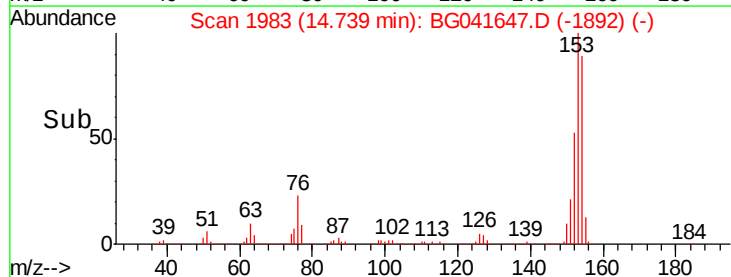
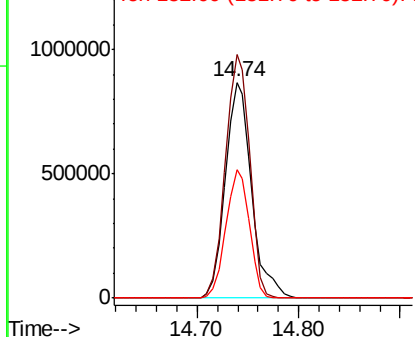


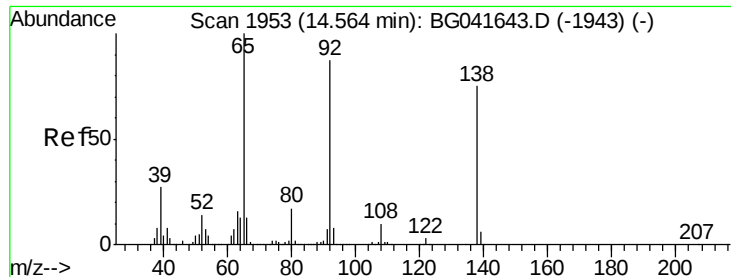
#52
Acenaphthene
Concen: 94.658 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Tgt Ion:154 Resp: 1549204
Ion Ratio Lower Upper
154 100
153 112.8 89.8 134.6
152 59.5 44.9 67.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

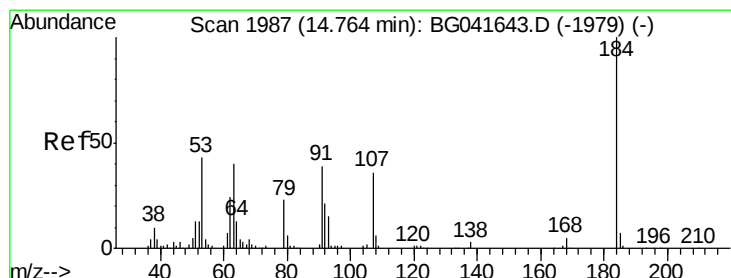
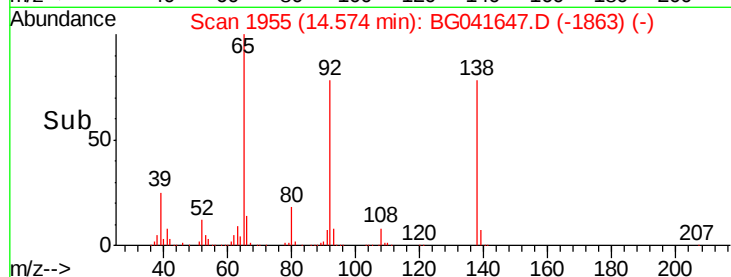
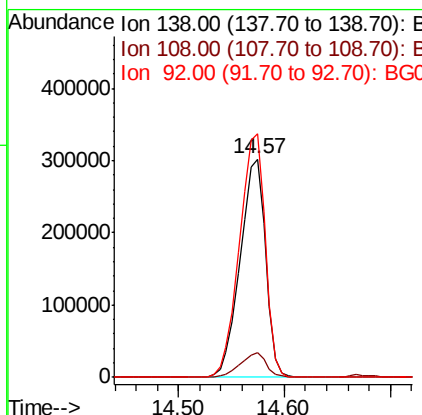
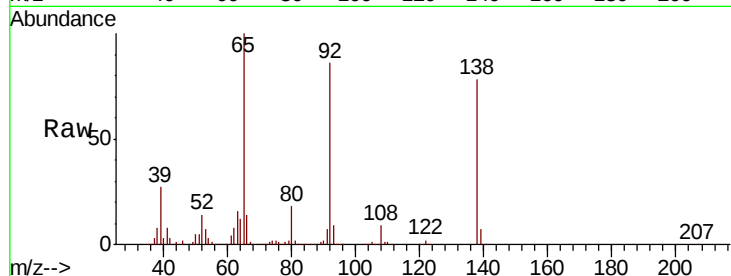




#53
3-Nitroaniline
Concen: 105.736 ng
RT: 14.57 min Scan# 1955
Delta R.T. 0.01 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

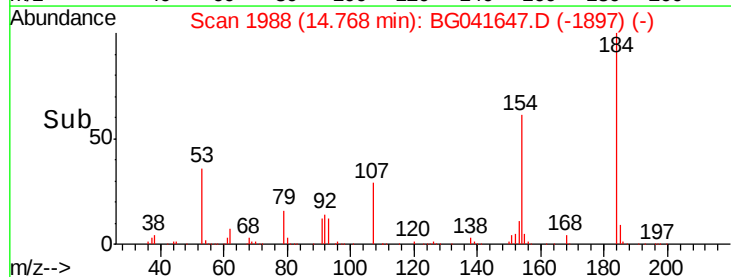
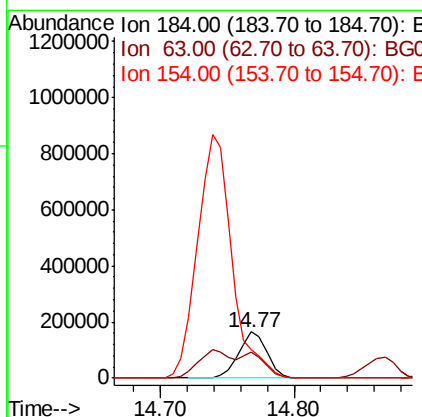
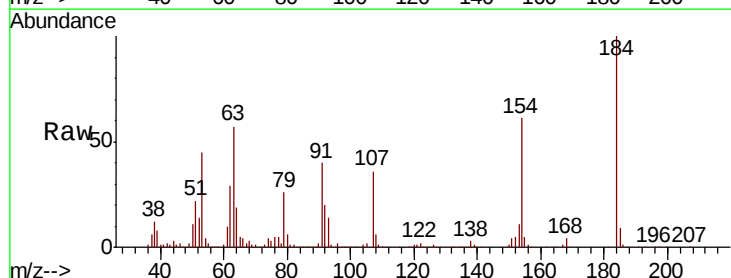
Instrument :
BNA_G
ClientSampled :

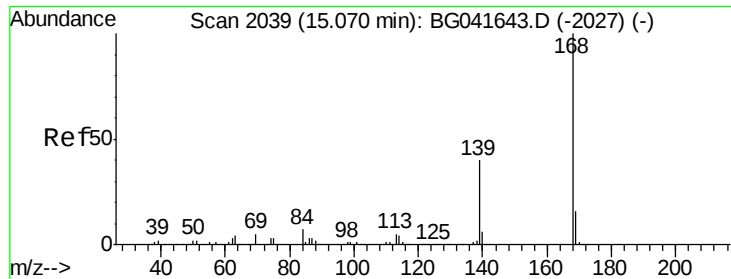
Tot Ion:138 Resp: 504700
Ion Ratio Lower Upper
138 100
108 11.2 10.3 15.5
92 111.4 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 125.089 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Tgt Ion:184 Resp: 240438
Ion Ratio Lower Upper
184 100
63 57.4 43.2 64.8
154 61.2 51.4 77.2

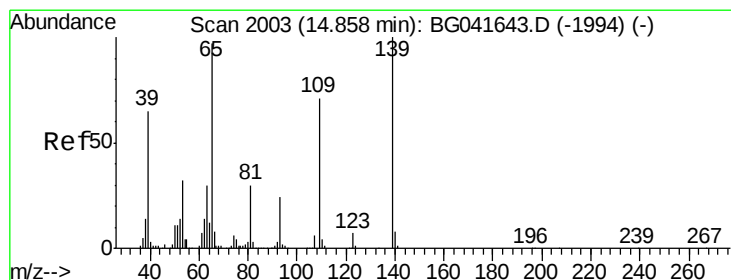
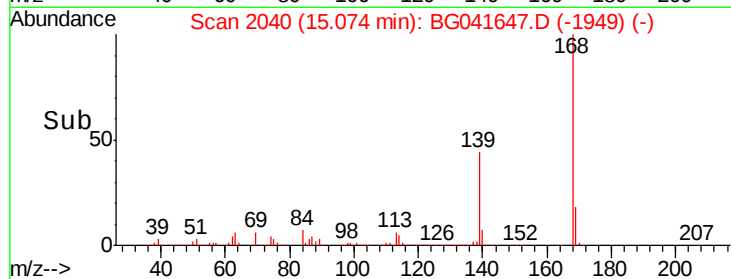
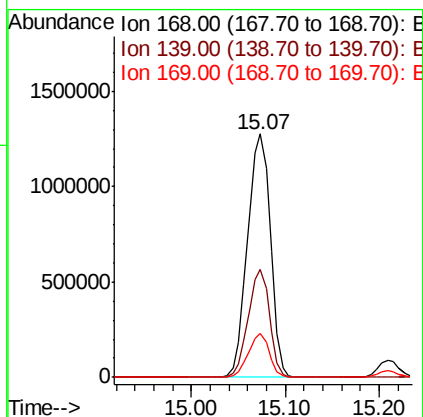
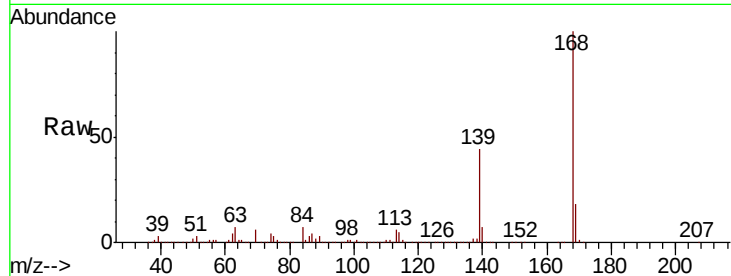




#55
Dibenzofuran
Concen: 87.942 ng
RT: 15.07 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

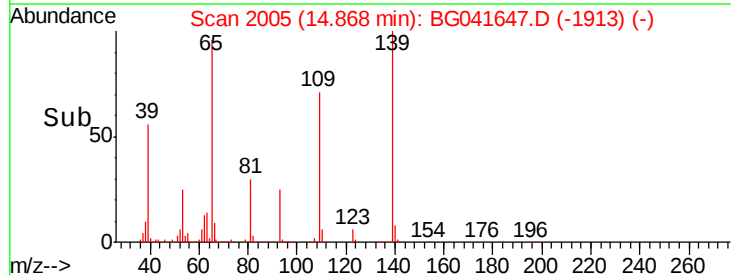
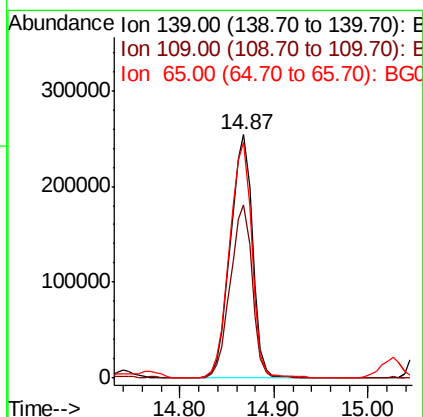
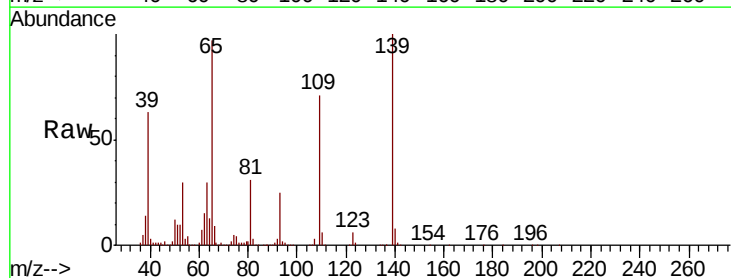
Instrument :
BNA_G
ClientSampleId :

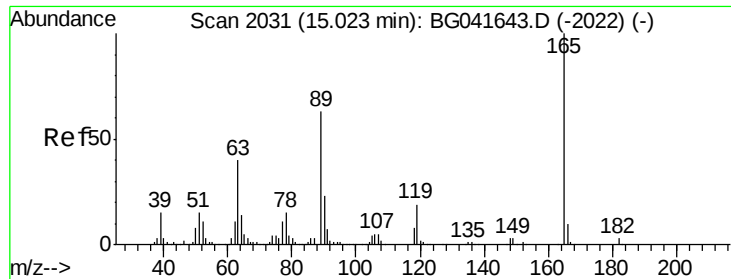
Tot Ion:168 Resp: 2156014
Ion Ratio Lower Upper
168 100
139 44.4 31.9 47.9
169 18.0 12.5 18.7



#56
4-Nitrophenol
Concen: 109.677 ng
RT: 14.87 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Tgt Ion:139 Resp: 416521
Ion Ratio Lower Upper
139 100
109 71.3 51.3 91.3
65 97.0 77.6 117.6

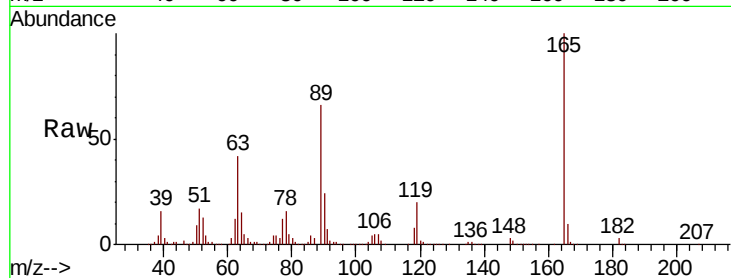




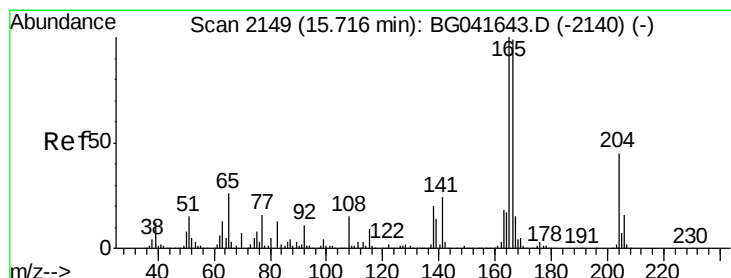
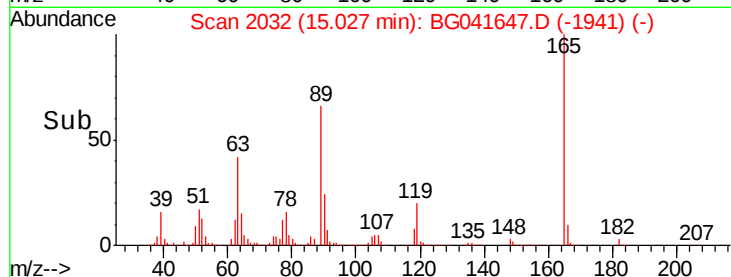
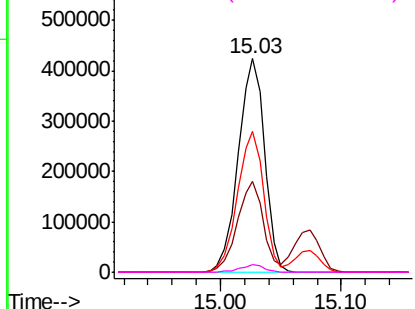
#57
 2,4-Dinitrotoluene
 Concen: 115.126 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG041647.D
 Acq: 15 Jul 2019 12:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 644743
 Ion Ratio Lower Upper
 165 100
 63 42.4 31.7 47.5
 89 66.2 50.2 75.4
 182 3.5 2.6 4.0

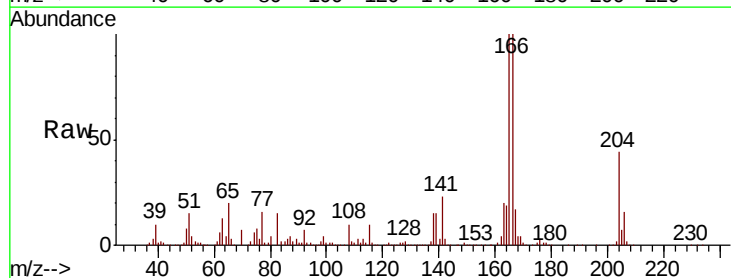


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

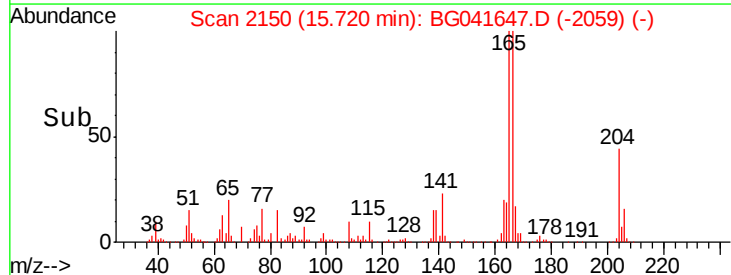
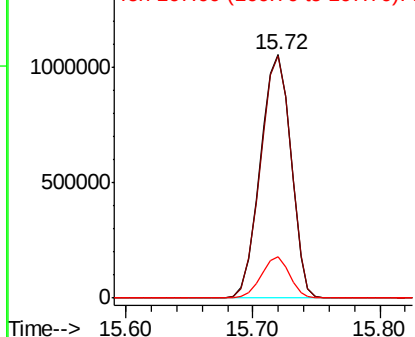


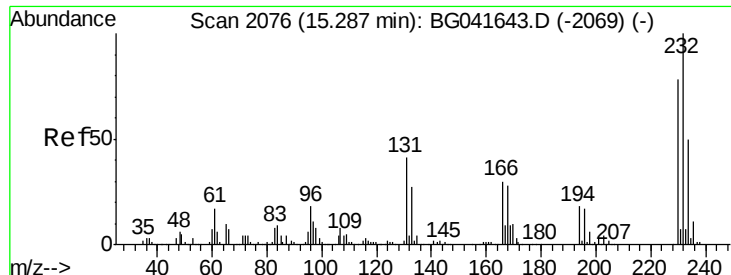
#58
 Fluorene
 Concen: 89.514 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG041647.D
 Acq: 15 Jul 2019 12:22

Tgt Ion:166 Resp: 1779434
 Ion Ratio Lower Upper
 166 100
 165 99.8 80.5 120.7
 167 16.9 12.4 18.6



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

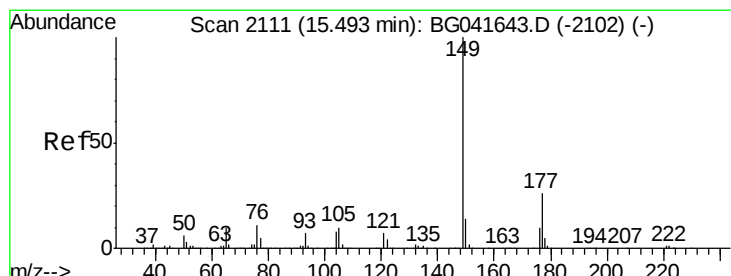
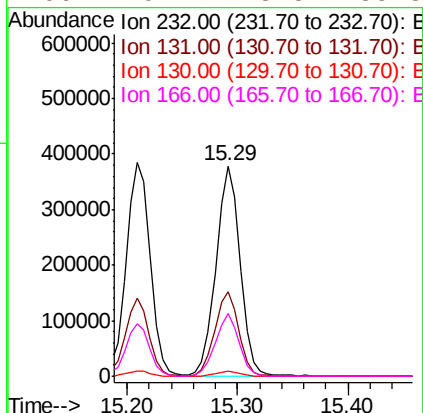
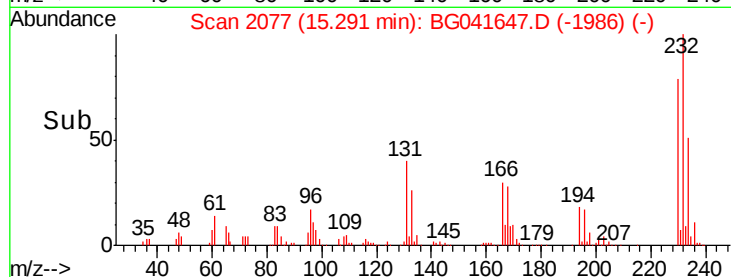
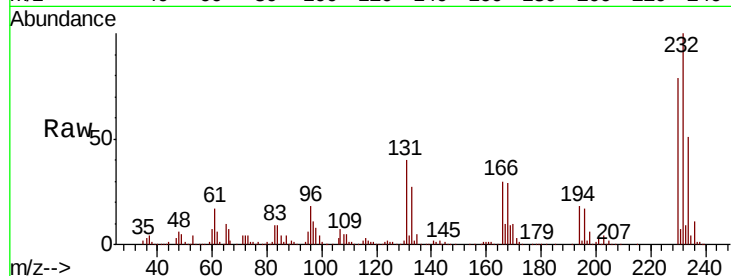




#59
2,3,4,6-Tetrachlorophenol
Concen: 97.849 ng
RT: 15.29 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

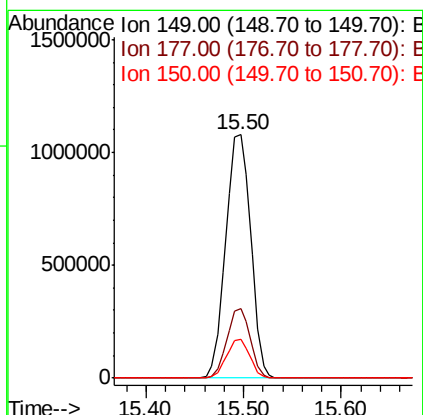
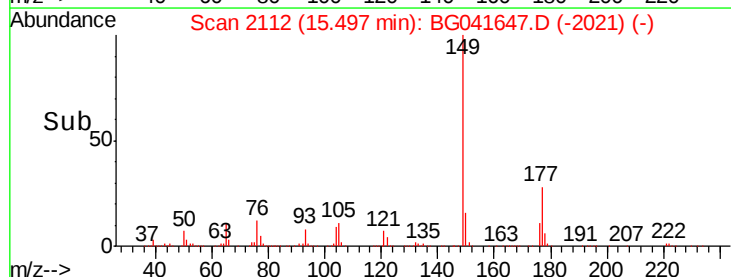
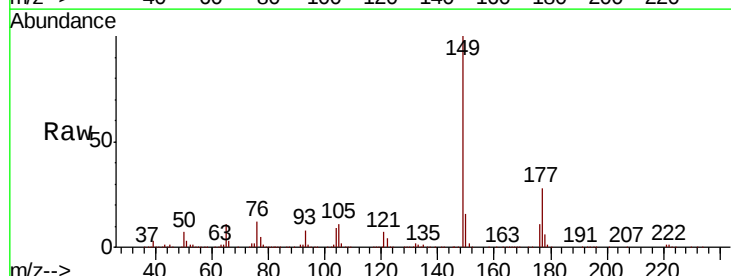
Instrument :
BNA_G
ClientSampled :

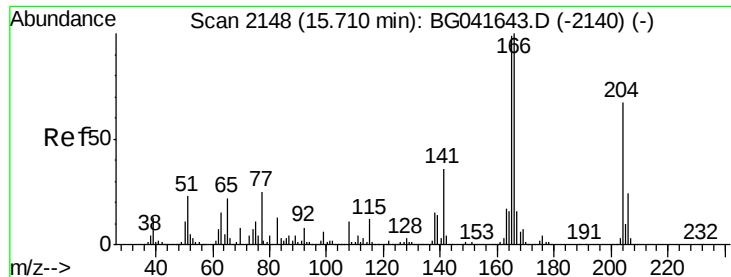
Tot Ion:	232	Resp:	570142
Ion	Ratio	Lower	Upper
232	100		
131	39.9	31.8	47.6
130	2.3	1.8	2.8
166	29.1	23.5	35.3



#60
Diethylphthalate
Concen: 88.615 ng
RT: 15.50 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Tgt Ion:	149	Resp:	1912237
Ion	Ratio	Lower	Upper
149	100		
177	28.4	20.7	31.1
150	15.7	11.5	17.3

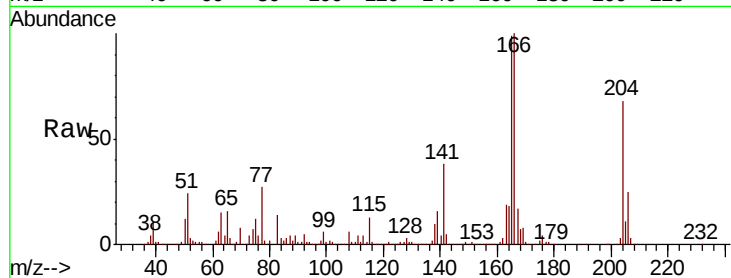




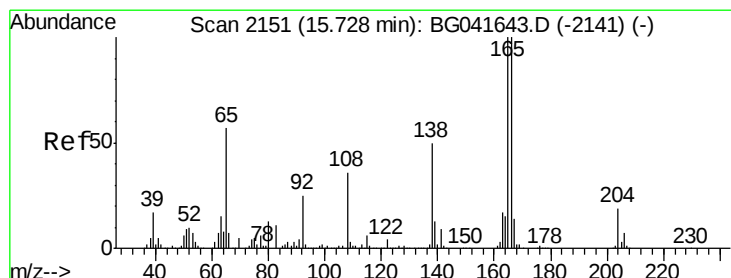
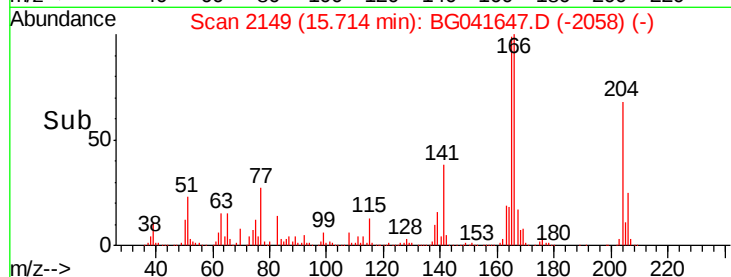
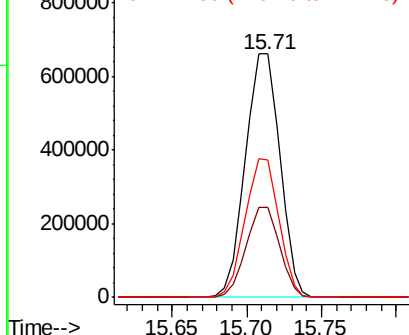
#61
4-Chlorophenyl-phenylether
Concen: 93.065 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 1060094
Ion Ratio Lower Upper
204 100
206 37.1 28.6 42.8
141 56.2 42.9 64.3

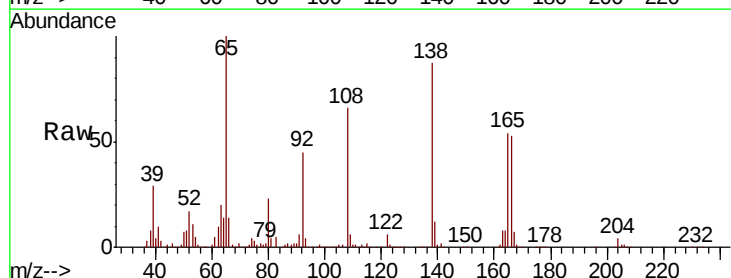


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

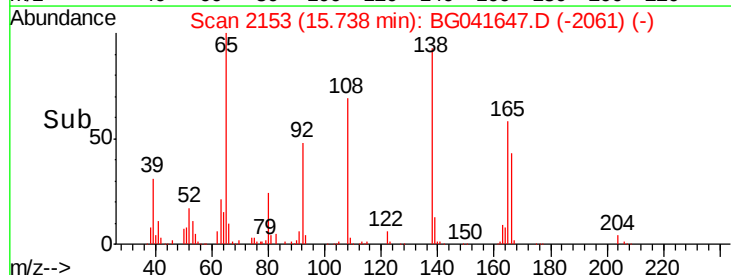
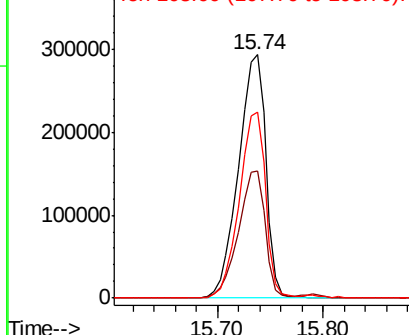


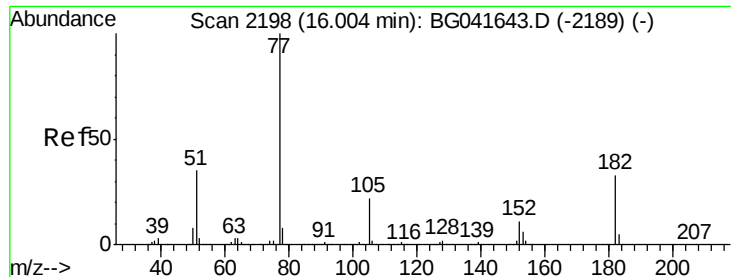
#62
4-Nitroaniline
Concen: 104.181 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Tgt Ion:138 Resp: 527706
Ion Ratio Lower Upper
138 100
92 52.1 29.8 69.8
108 76.6 52.2 92.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 91.044 ng

RT: 16.01 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1729578

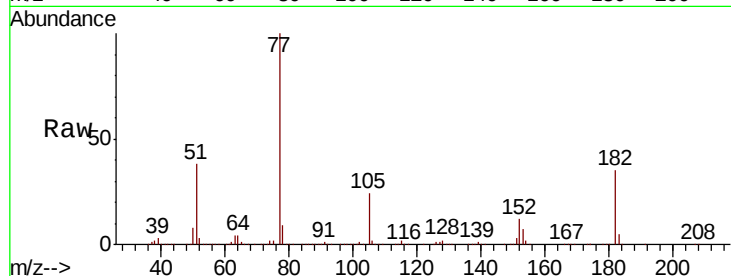
Ion Ratio Lower Upper

77 100

182 35.2 13.2 53.2

105 24.2 2.2 42.2

51 37.7 14.6 54.6

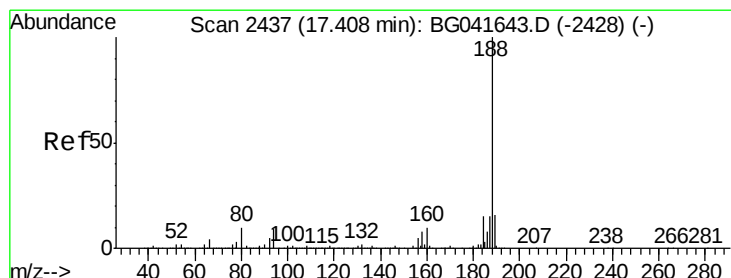
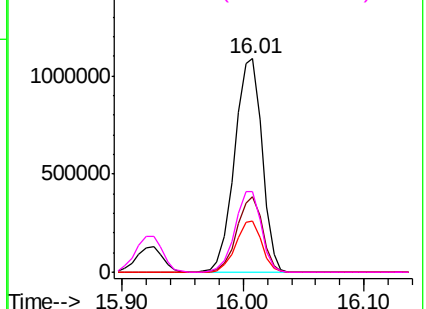
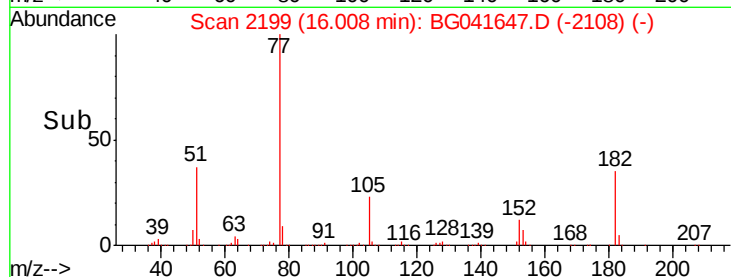


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

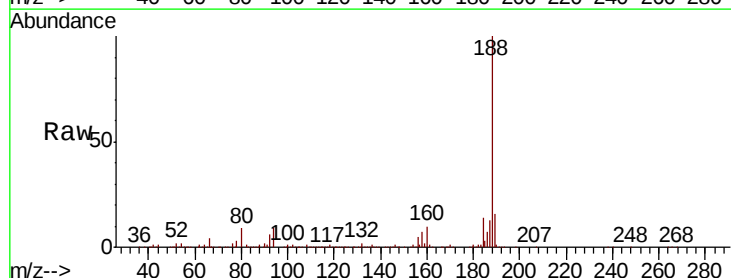
Tgt Ion: 188 Resp: 631696

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

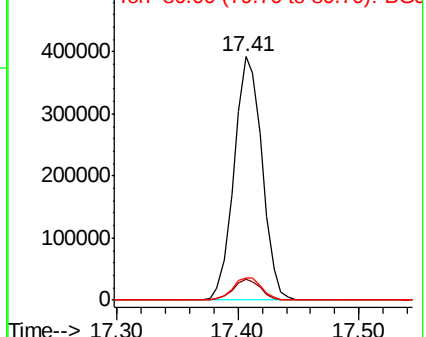
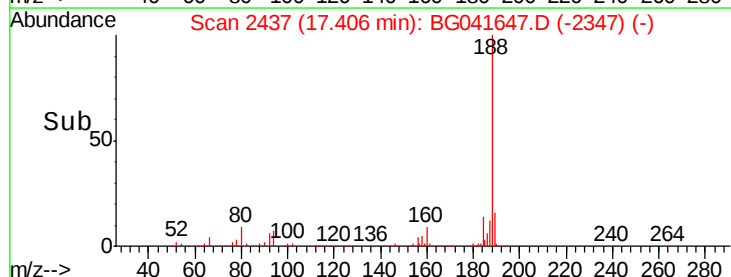
80 9.0 8.0 12.0

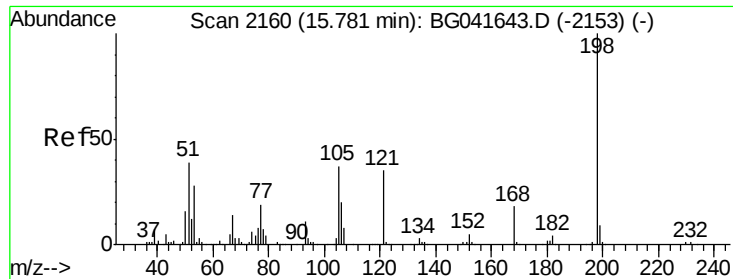


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

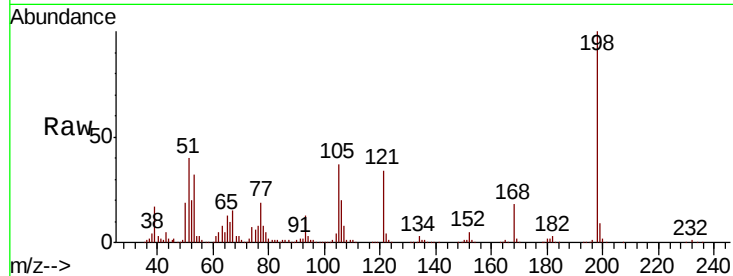




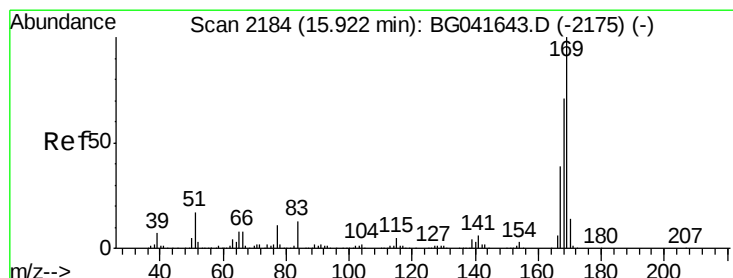
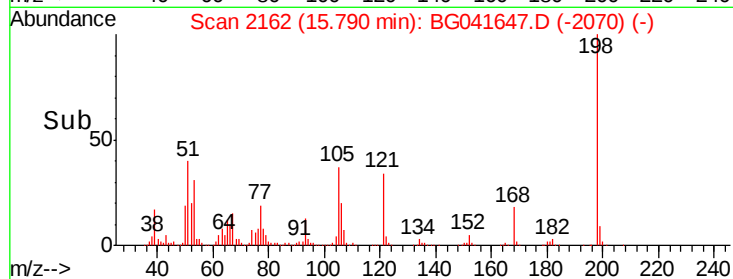
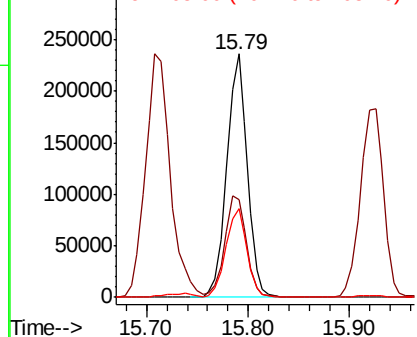
#65
 4,6-Dinitro-2-methylphenol
 Concen: 120.509 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. 0.01 min
 Lab File: BG041647.D
 Acq: 15 Jul 2019 12:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 330454
 Ion Ratio Lower Upper
 198 100
 51 40.2 22.3 62.3
 105 36.7 18.0 58.0

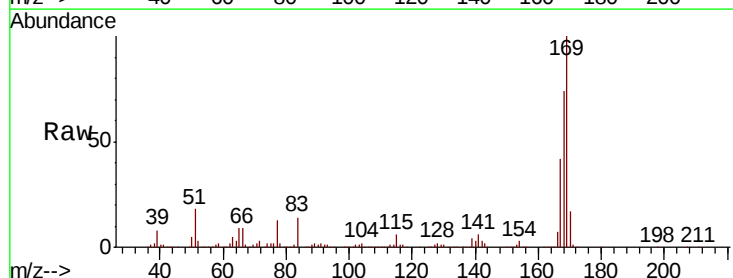


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

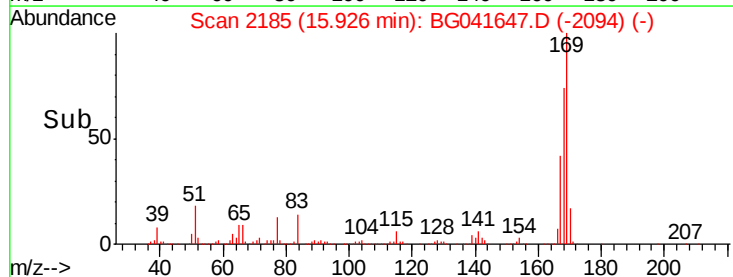
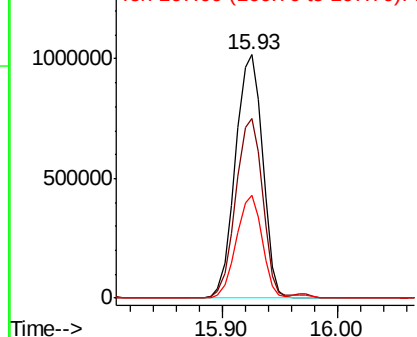


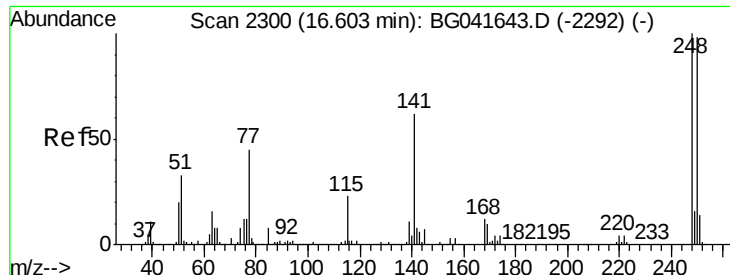
#66
 n-Nitrosodiphenylamine
 Concen: 86.710 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. 0.00 min
 Lab File: BG041647.D
 Acq: 15 Jul 2019 12:22

Tgt Ion:169 Resp: 1657989
 Ion Ratio Lower Upper
 169 100
 168 74.0 56.9 85.3
 167 42.0 31.5 47.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

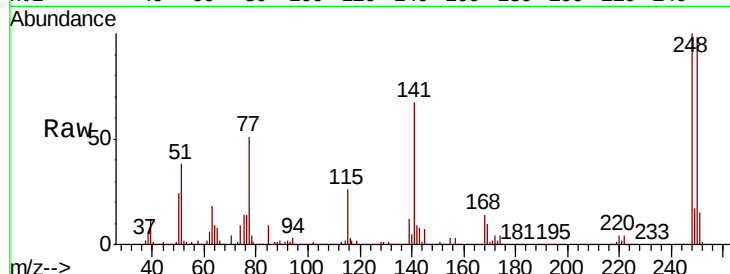




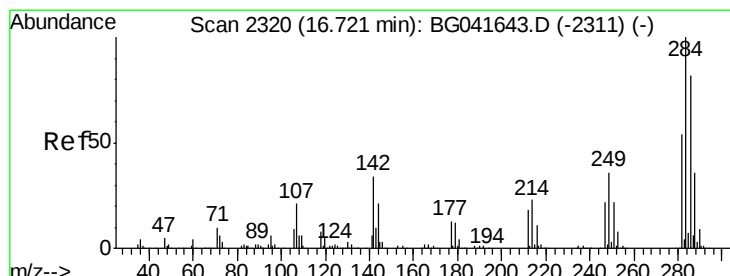
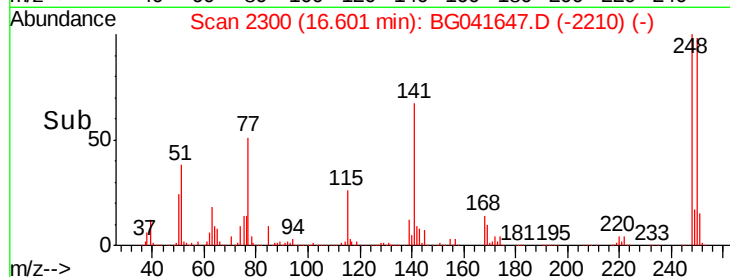
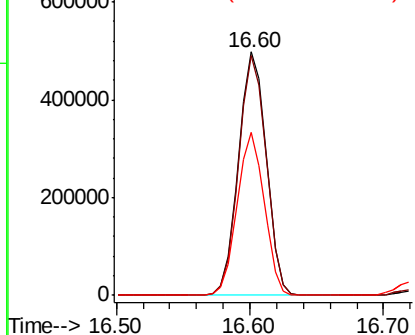
#67
4-Bromophenyl-phenylether
Concen: 91.741 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 716382
Ion Ratio Lower Upper
248 100
250 98.5 78.1 117.1
141 67.0 49.6 74.4

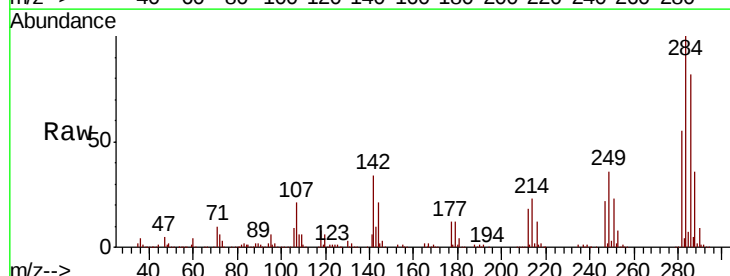


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

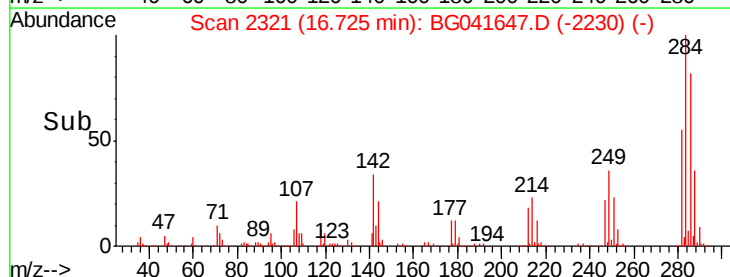
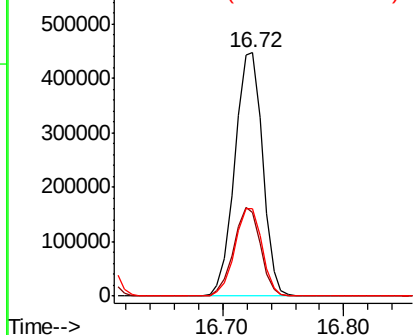


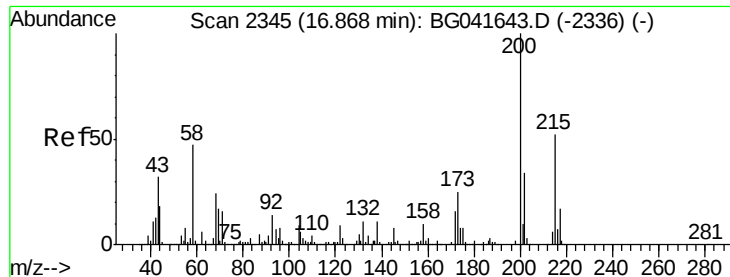
#68
Hexachlorobenzene
Concen: 91.192 ng
RT: 16.72 min Scan# 2321
Delta R.T. 0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Tgt Ion:284 Resp: 720242
Ion Ratio Lower Upper
284 100
142 34.2 27.0 40.6
249 35.8 28.4 42.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

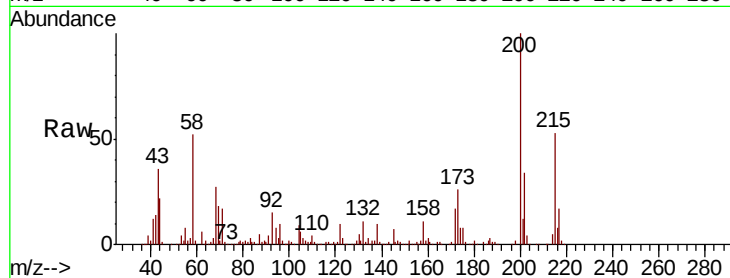




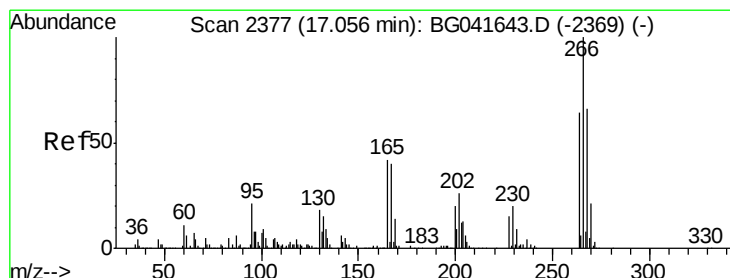
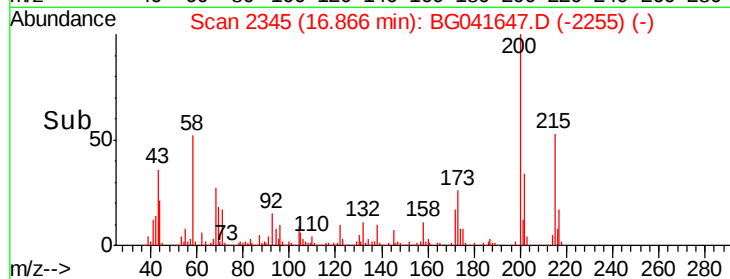
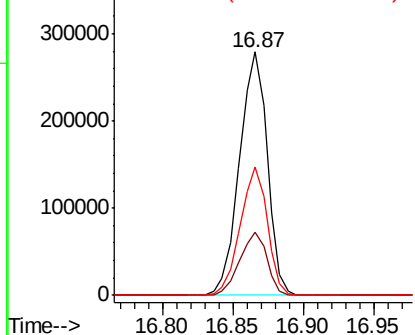
#69
 Atrazine
 Concen: 67.229 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG041647.D
 Acq: 15 Jul 2019 12:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	5.3	45.3
215	52.6	31.8	71.8

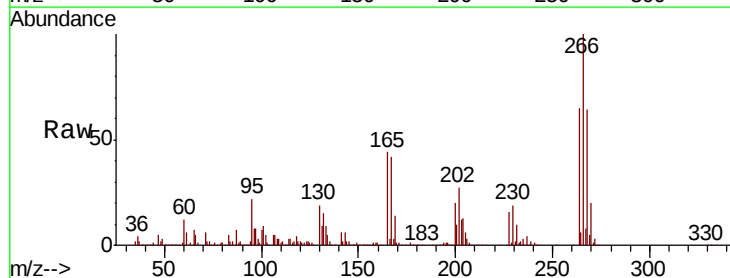


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

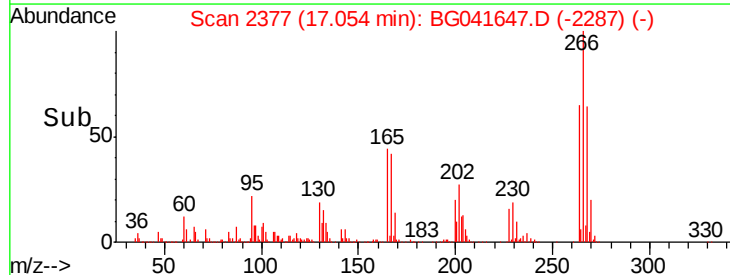
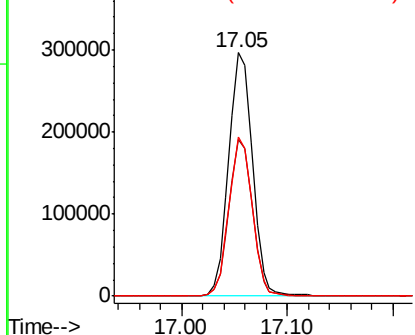


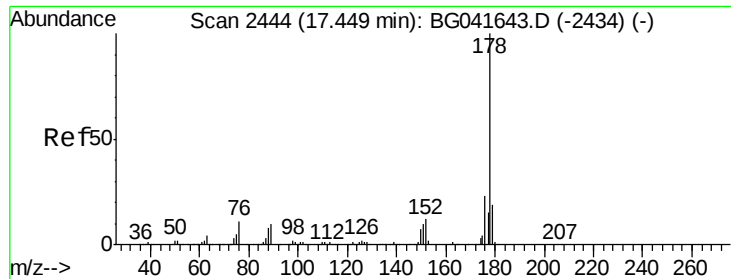
#70
 Pentachlorophenol
 Concen: 94.202 ng
 RT: 17.05 min Scan# 2377
 Delta R.T. -0.00 min
 Lab File: BG041647.D
 Acq: 15 Jul 2019 12:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	52.9	79.3
264	65.1	51.4	77.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

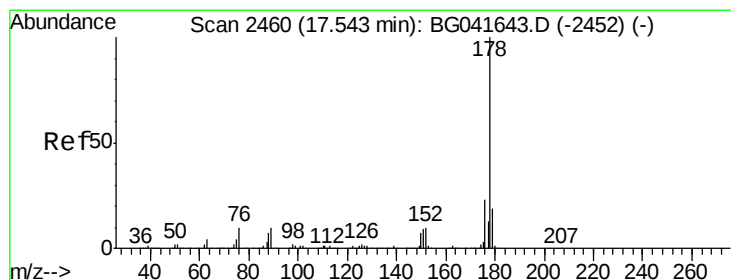
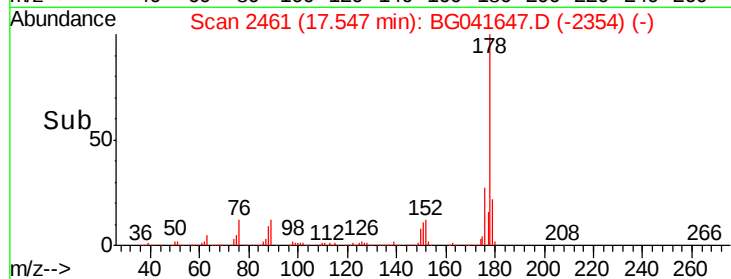
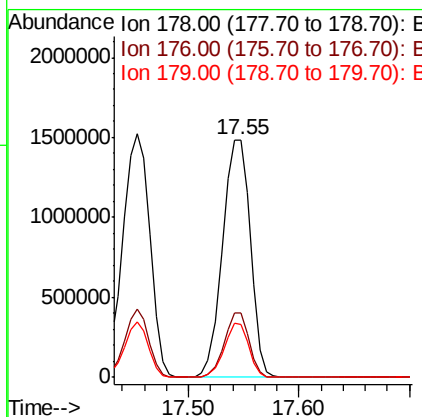
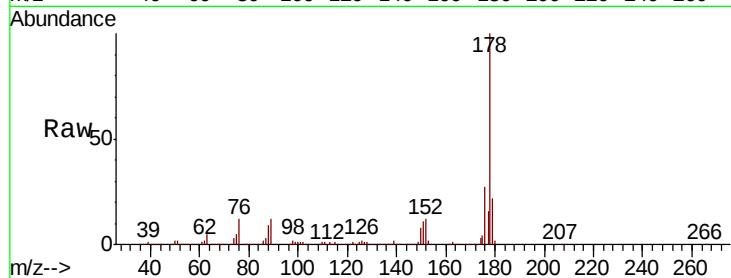




#71
Phenanthrene
Concen: 79.258 ng
RT: 17.55 min Scan# 2461
Delta R.T. 0.10 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

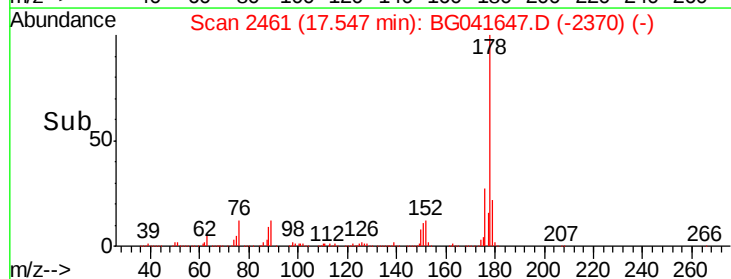
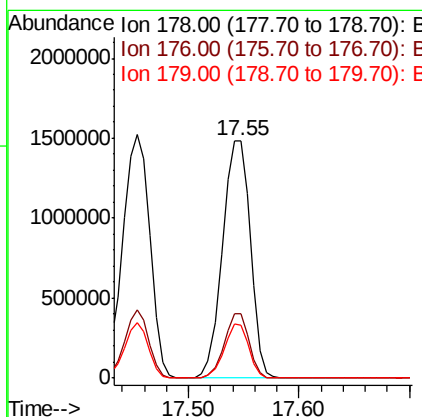
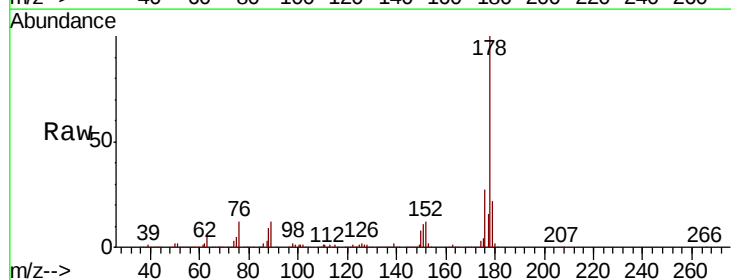
Instrument :
BNA_G
ClientSampleId :

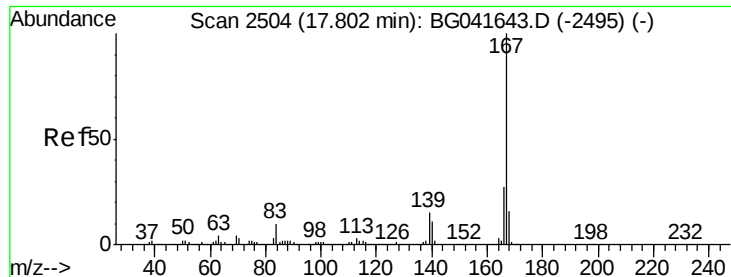
Tot Ion:178 Resp: 2616343
Ion Ratio Lower Upper
178 100
176 27.0 18.6 28.0
179 22.5 15.4 23.0



#72
Anthracene
Concen: 75.783 ng
RT: 17.55 min Scan# 2461
Delta R.T. 0.00 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Tgt Ion:178 Resp: 2616343
Ion Ratio Lower Upper
178 100
176 27.0 18.6 28.0
179 22.5 15.1 22.7

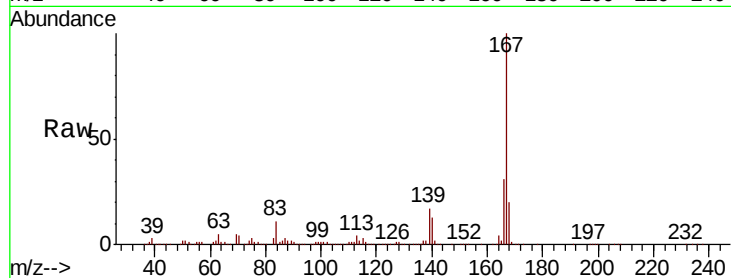




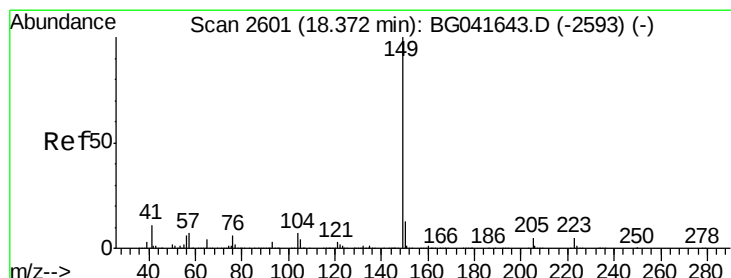
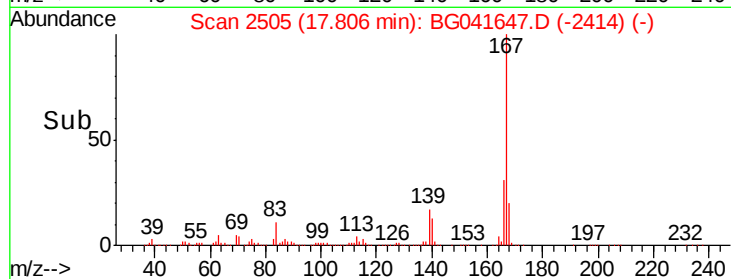
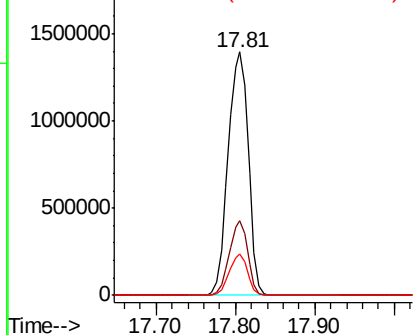
#73
 Carbazole
 Concen: 77.243 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. 0.00 min
 Lab File: BG041647.D
 Acq: 15 Jul 2019 12:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 2458287
 Ion Ratio Lower Upper
 167 100
 166 30.7 21.4 32.2
 139 17.2 12.1 18.1

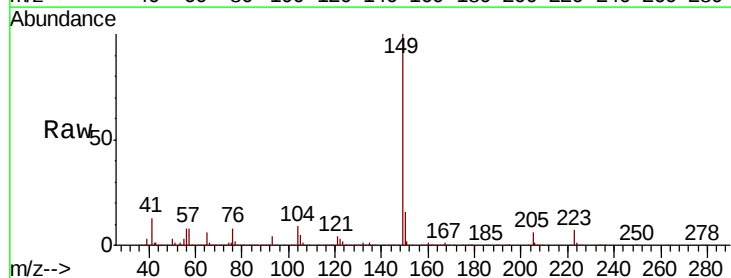


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

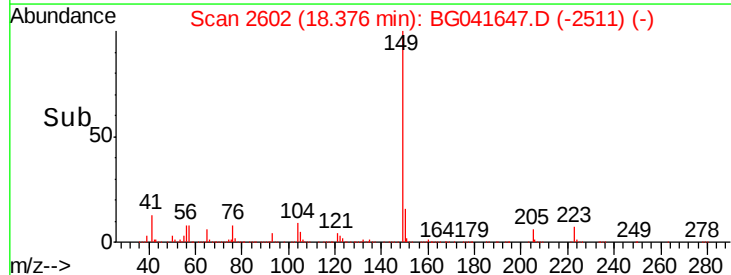
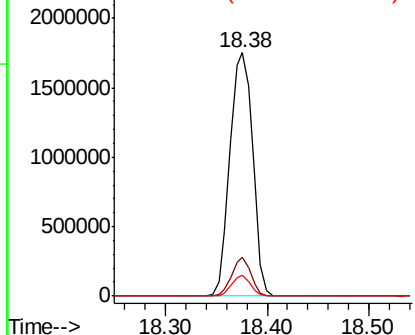


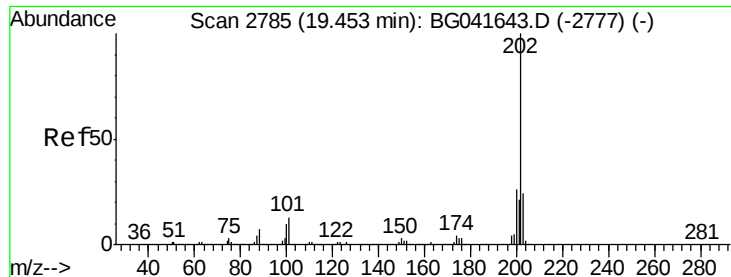
#74
 Di-n-butylphthalate
 Concen: 70.053 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: BG041647.D
 Acq: 15 Jul 2019 12:22

Tgt Ion:149 Resp: 2735076
 Ion Ratio Lower Upper
 149 100
 150 15.7 10.2 15.2#
 104 8.7 5.3 7.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 73.947 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Instrument :

BNA_G

ClientSampleId :

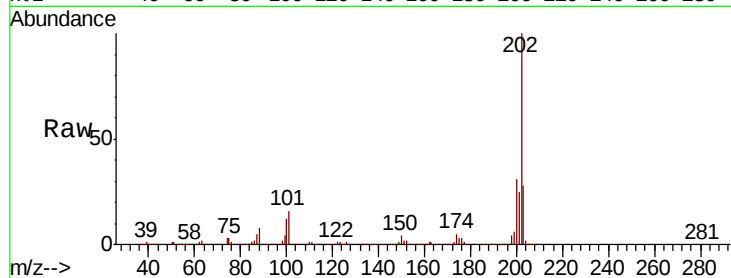
Tot Ion:202 Resp: 2938949

Ion Ratio Lower Upper

202 100

101 15.8 0.0 32.8

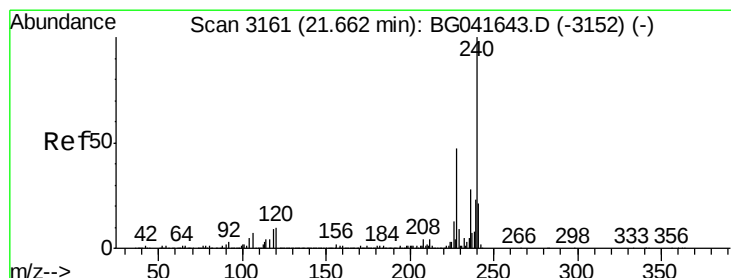
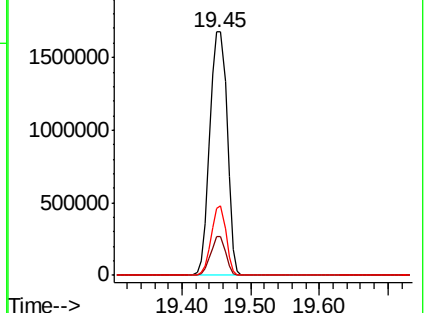
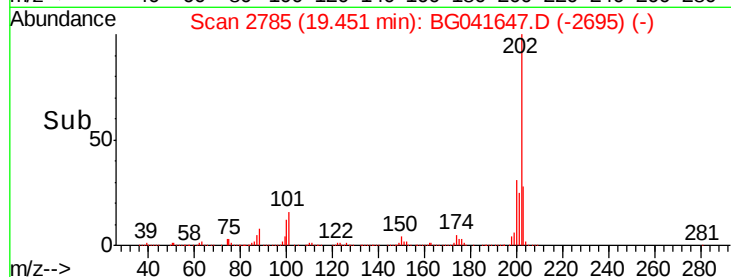
203 27.6 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

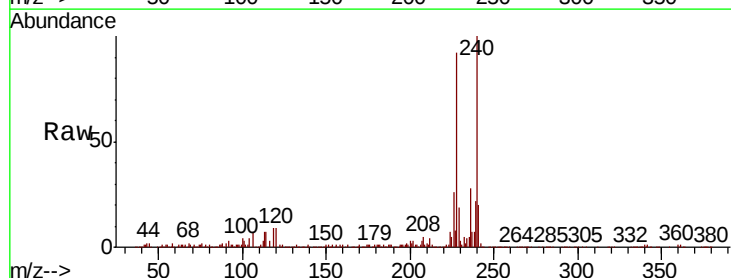
Tgt Ion:240 Resp: 572016

Ion Ratio Lower Upper

240 100

120 9.2 8.0 12.0

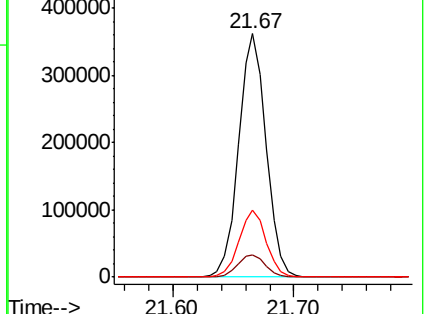
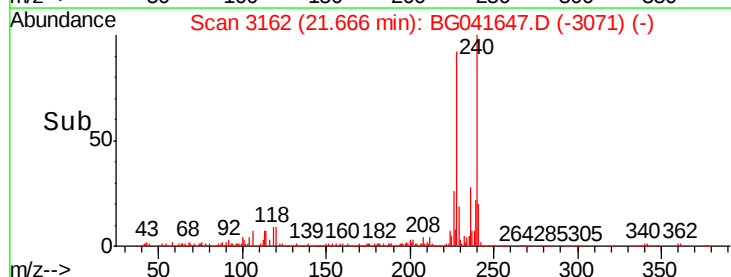
236 27.6 22.6 33.8

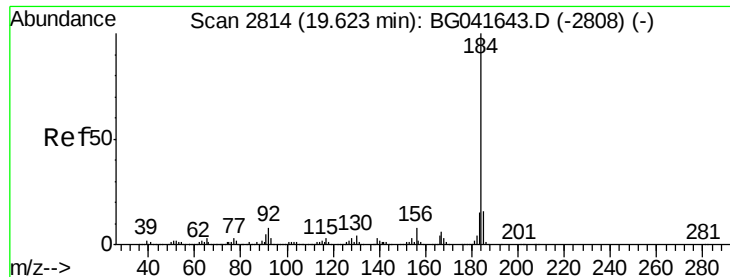


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 69.632 ng

RT: 19.63 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Instrument :

BNA_G

ClientSampleId :

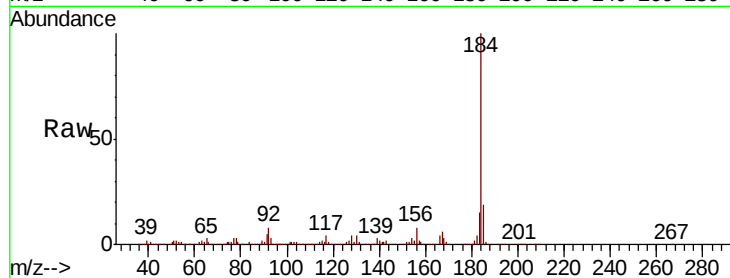
Tot Ion:184 Resp: 1330153

Ion Ratio Lower Upper

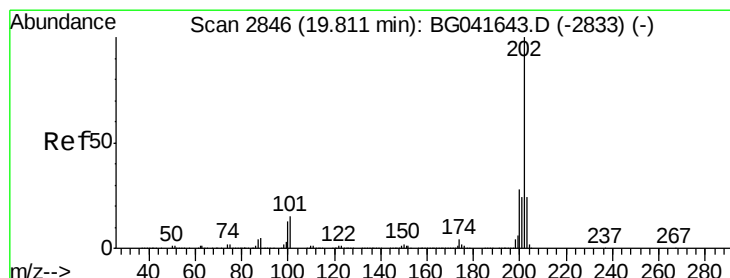
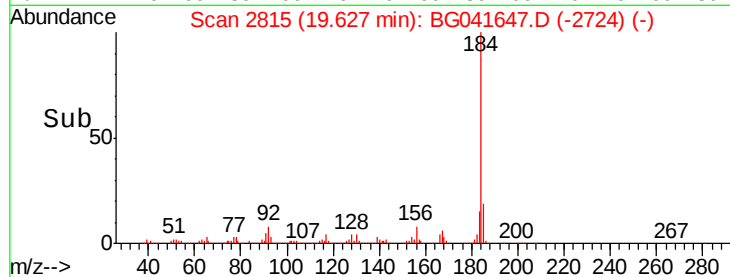
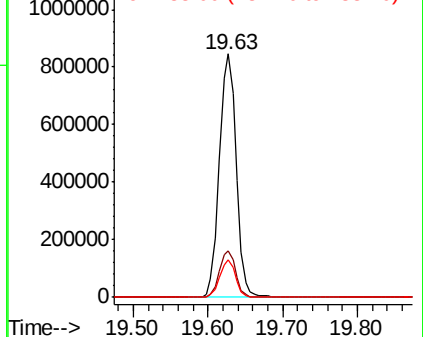
184 100

185 19.3 13.0 19.4

183 15.3 11.8 17.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 79.853 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.36 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

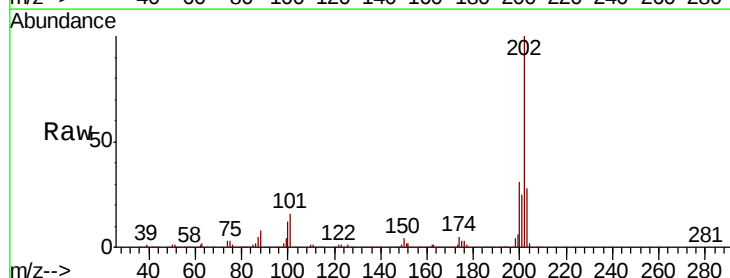
Tgt Ion:202 Resp: 2938949

Ion Ratio Lower Upper

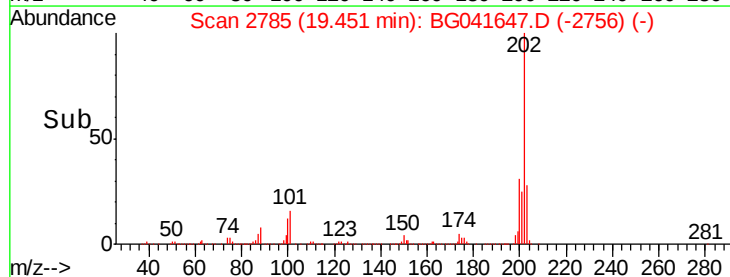
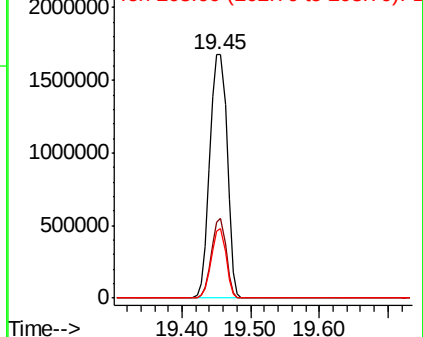
202 100

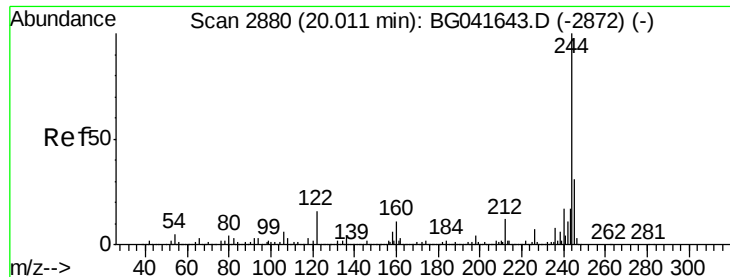
200 31.3 22.2 33.2

203 27.6 18.9 28.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 145.395 ng

RT: 20.01 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Instrument :

BNA_G

ClientSampleId :

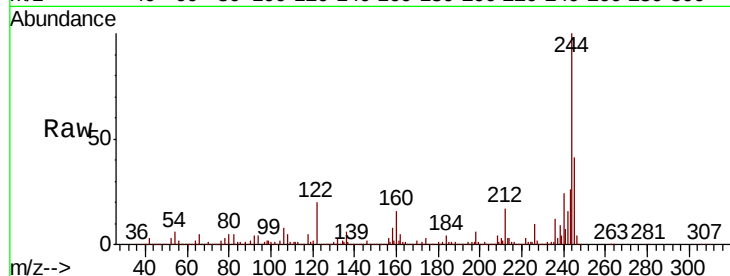
Tot Ion:244 Resp: 3402888

Ion Ratio Lower Upper

244 100

212 17.0 9.7 14.5#

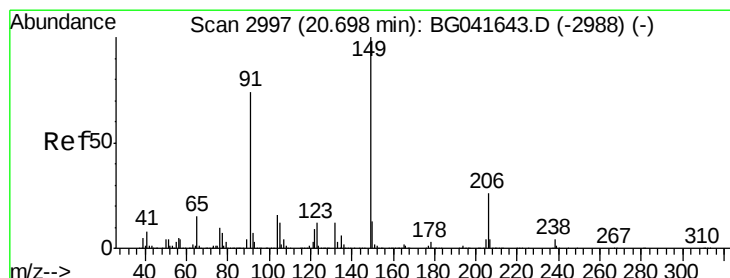
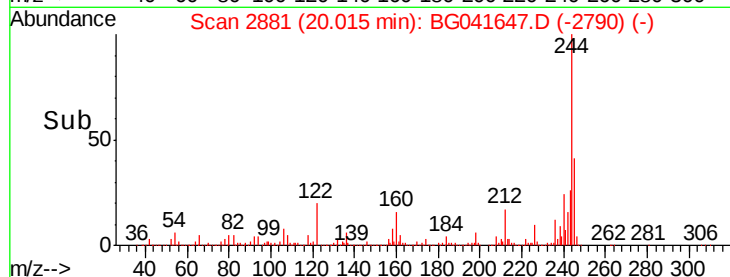
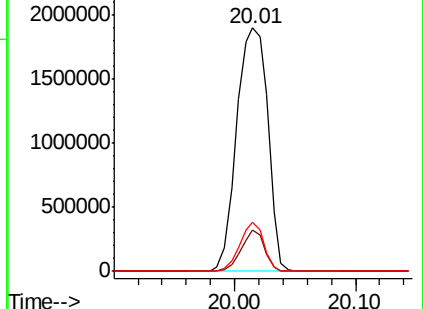
122 20.4 12.5 18.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 83.168 ng

RT: 20.70 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

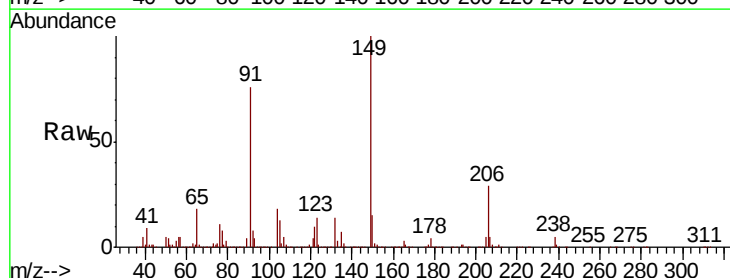
Tgt Ion:149 Resp: 1446808

Ion Ratio Lower Upper

149 100

91 76.3 58.9 88.3

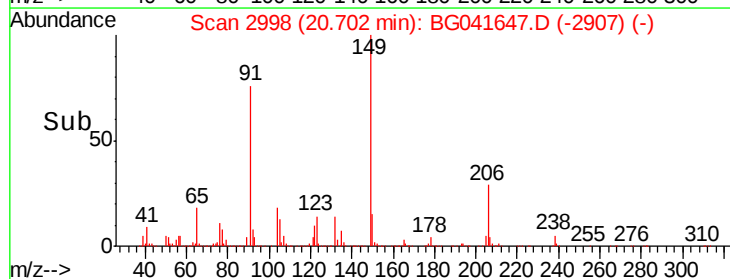
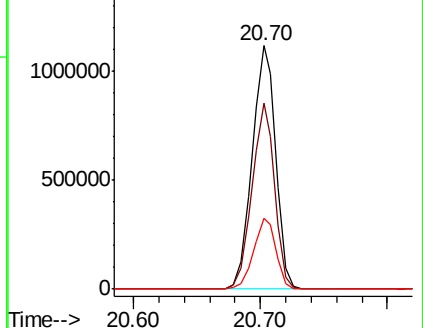
206 28.9 20.8 31.2

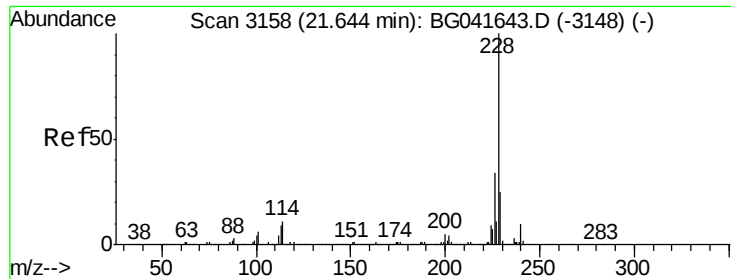


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 76.746 ng

RT: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Instrument :

BNA_G

ClientSampleId :

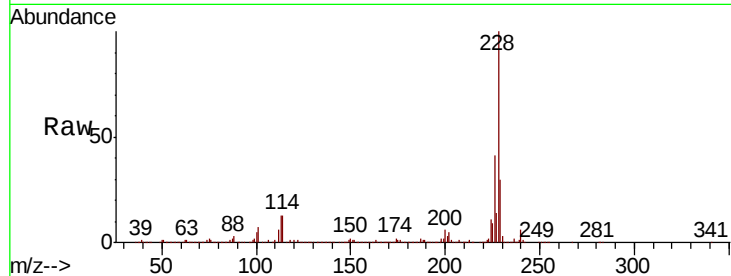
Tot Ion:228 Resp: 3037444

Ion Ratio Lower Upper

228 100

226 40.5 27.3 40.9

229 29.6 19.7 29.5#

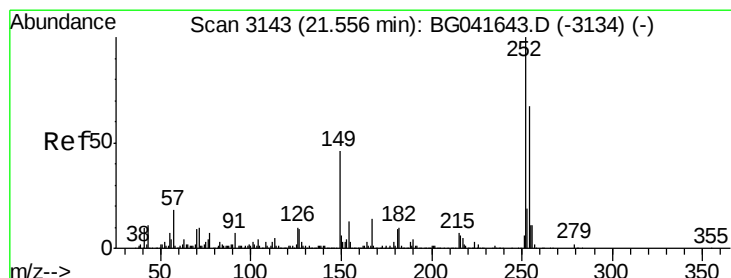
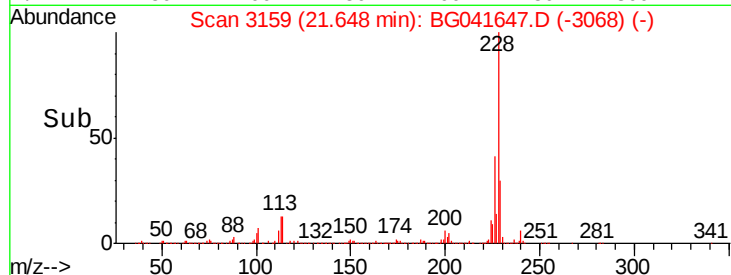
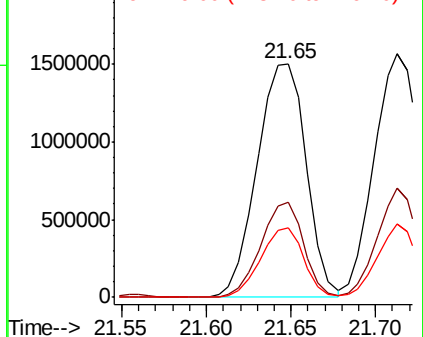


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 78.440 ng

RT: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

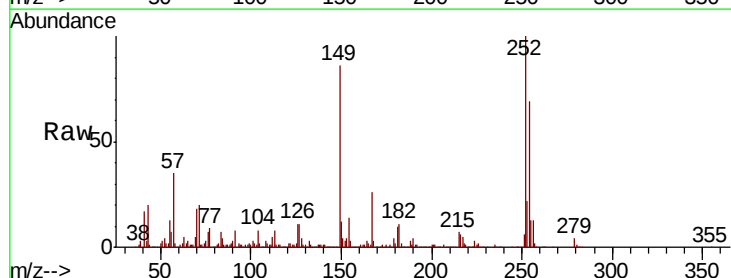
Tgt Ion:252 Resp: 1290913

Ion Ratio Lower Upper

252 100

254 68.9 53.8 80.6

126 10.6 7.8 11.8

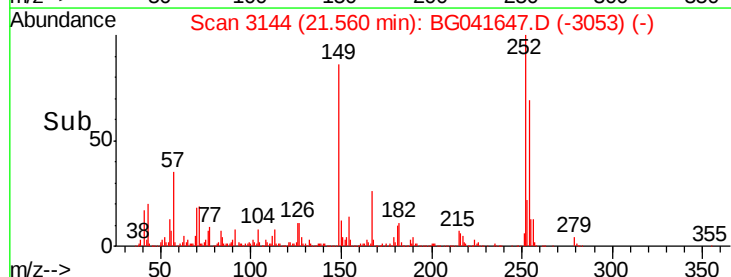
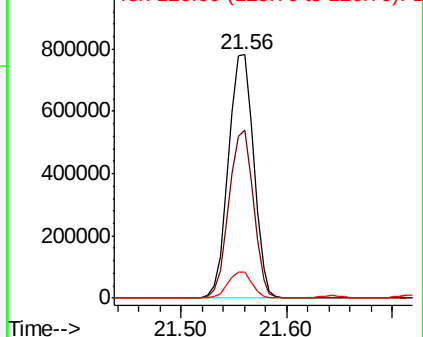


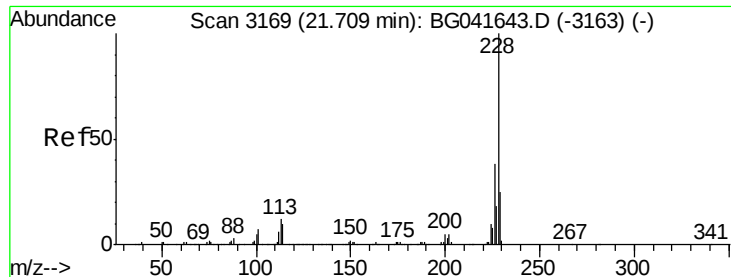
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 86.216 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.06 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Instrument :

BNA_G

ClientSampleId :

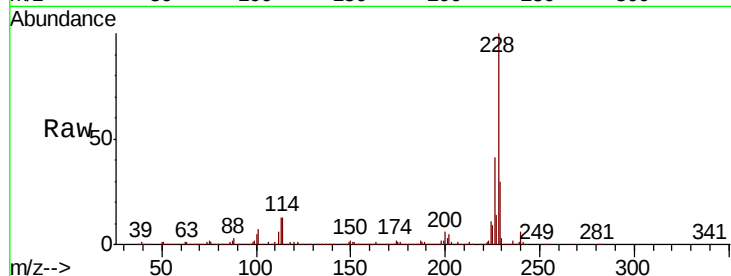
Tot Ion:228 Resp: 3037444

Ion	Ratio	Lower	Upper
228	100		
226	40.5	30.1	45.1
229	29.6	19.8	29.6

228 100

226 40.5 30.1 45.1

229 29.6 19.8 29.6

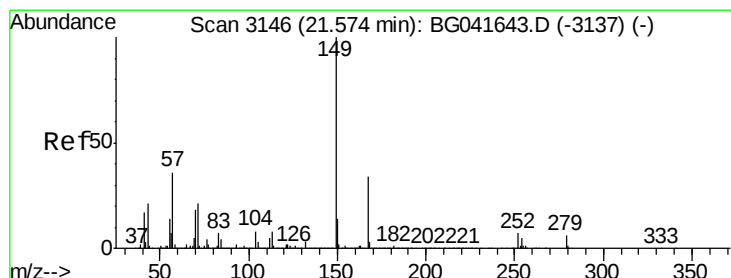
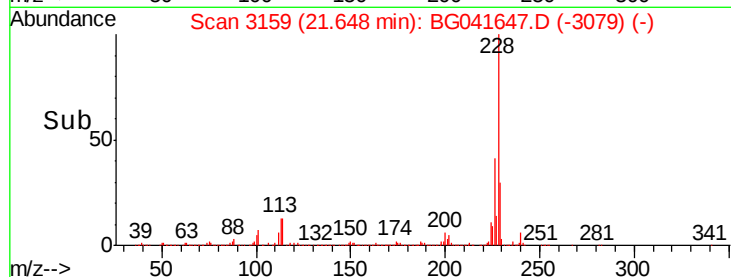
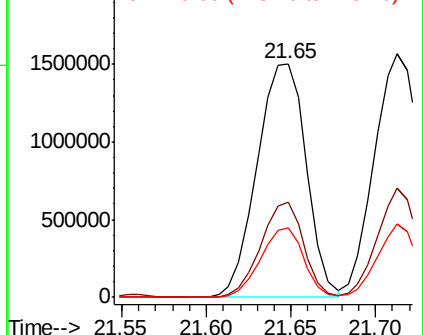


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 81.099 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

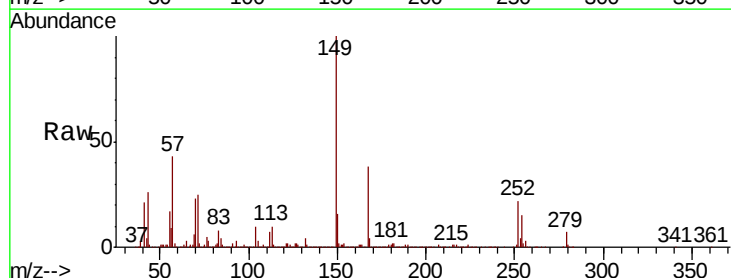
Tgt Ion:149 Resp: 1929515

Ion	Ratio	Lower	Upper
149	100		
167	37.7	27.0	40.4
279	7.0	5.0	7.6

149 100

167 37.7 27.0 40.4

279 7.0 5.0 7.6

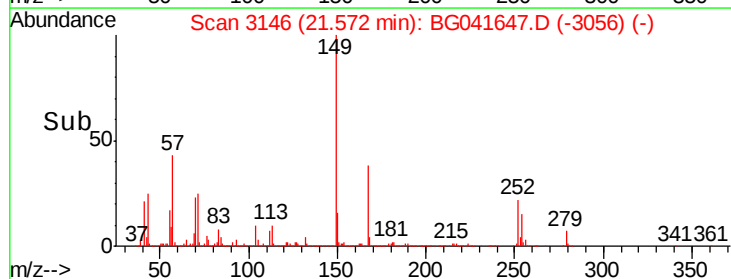
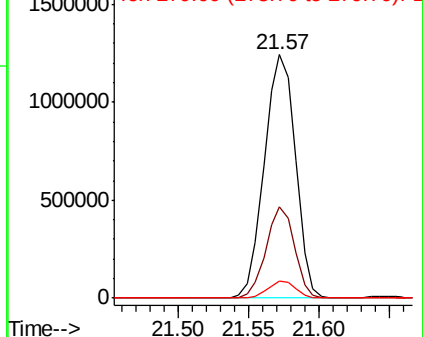


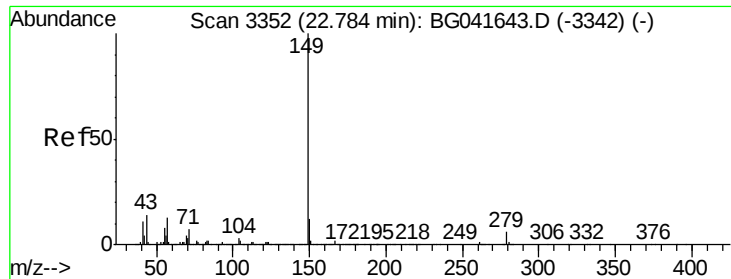
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 79.168 ng

RT: 22.79 min Scan# 3353

Delta R.T. 0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Instrument :

BNA_G

ClientSampleId :

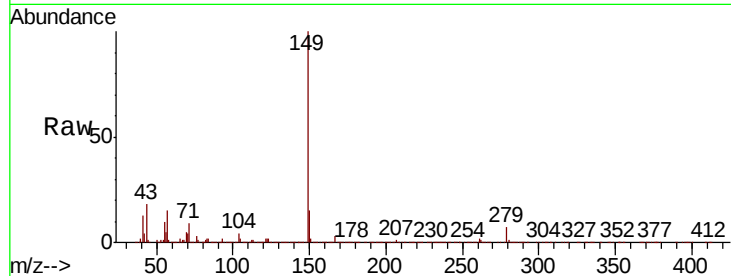
Tot Ion:149 Resp: 3269102

Ion Ratio Lower Upper

149 100

167 2.2 1.6 2.4

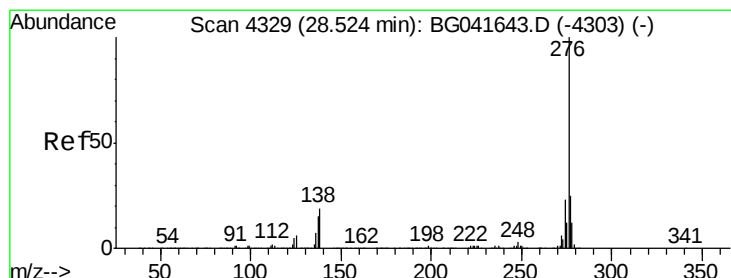
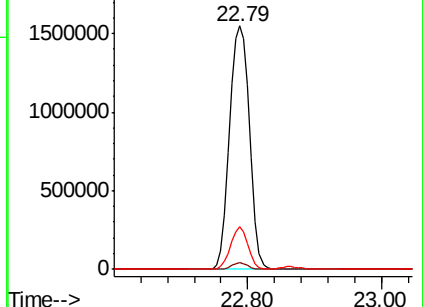
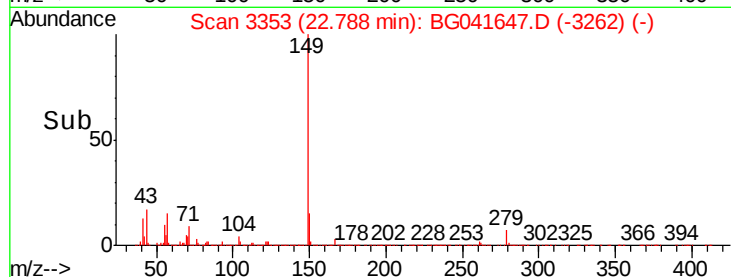
43 15.3 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 91.966 ng

RT: 28.54 min Scan# 4332

Delta R.T. 0.02 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

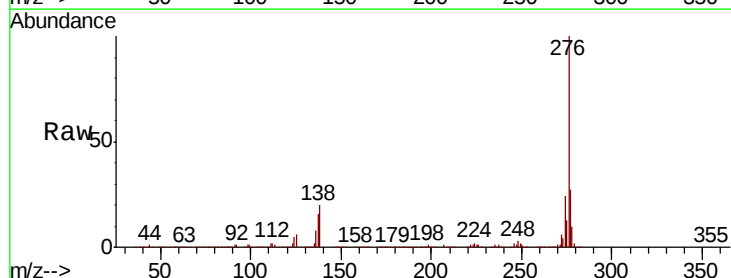
Tgt Ion:276 Resp: 4401409

Ion Ratio Lower Upper

276 100

138 17.9 19.4 29.0#

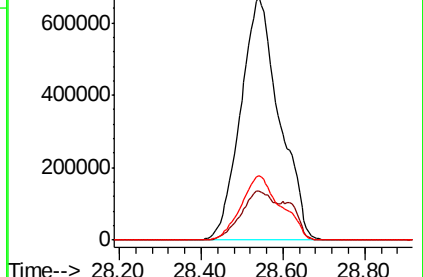
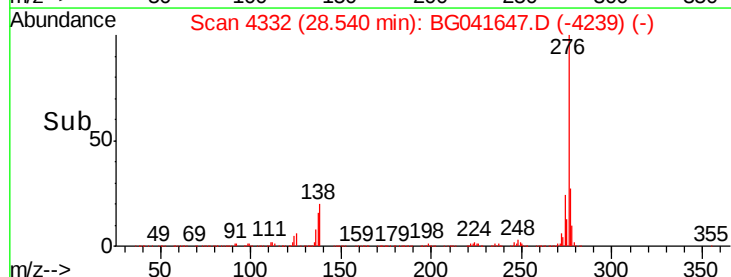
277 27.3 21.2 31.8

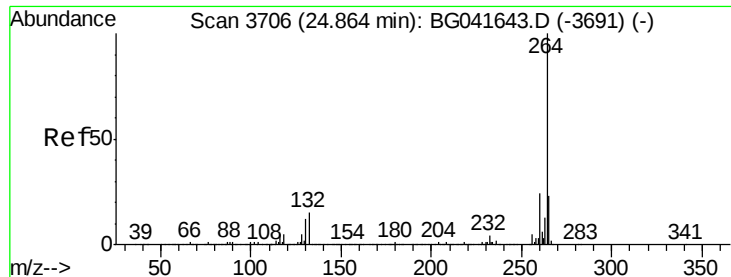


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

Instrument :

BNA_G

ClientSampleId :

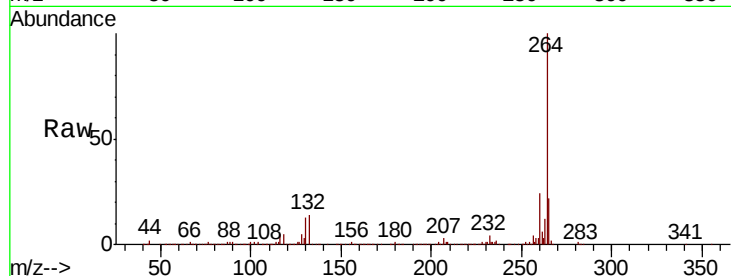
Tot Ion:264 Resp: 660857

Ion Ratio Lower Upper

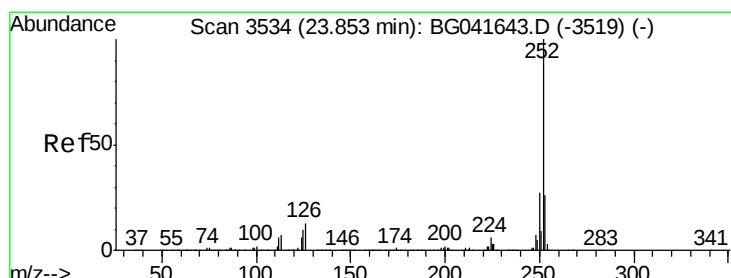
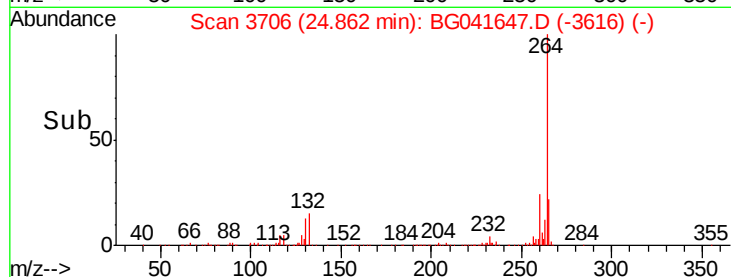
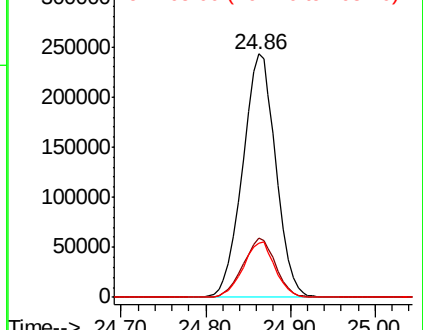
264 100

260 24.3 19.5 29.3

265 22.2 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 90.689 ng

RT: 23.86 min Scan# 3535

Delta R.T. 0.00 min

Lab File: BG041647.D

Acq: 15 Jul 2019 12:22

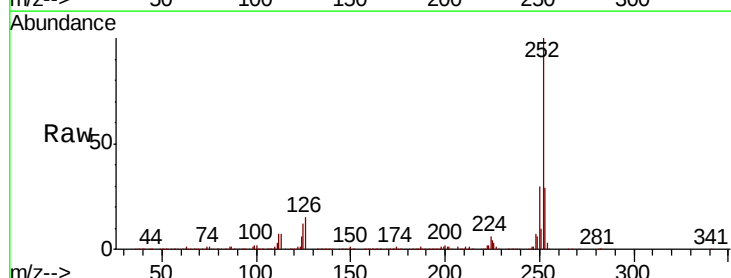
Tgt Ion:252 Resp: 3558137

Ion Ratio Lower Upper

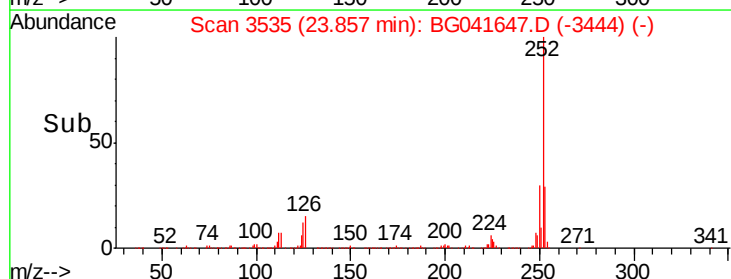
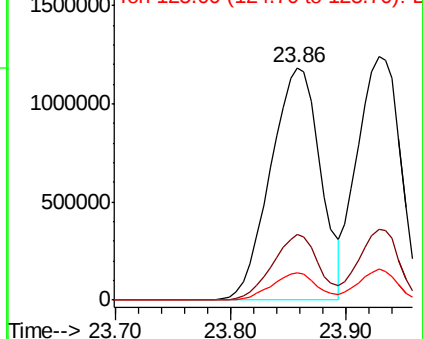
252 100

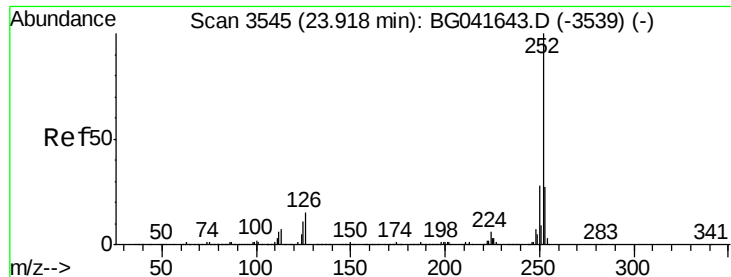
253 28.5 20.6 30.8

125 11.8 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

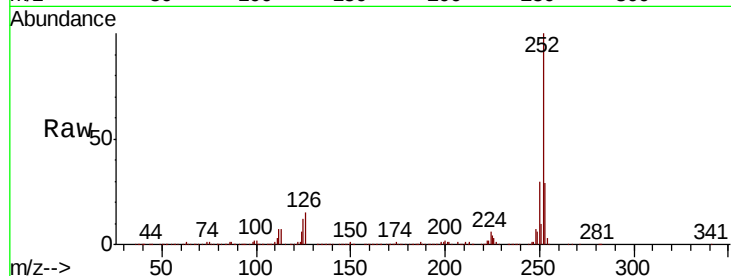




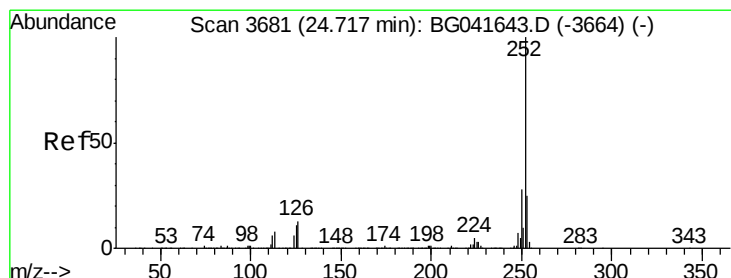
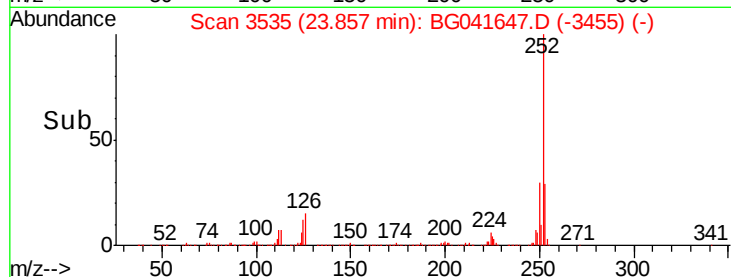
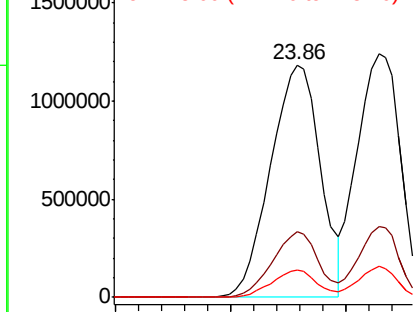
#89
Benzo(k)fluoranthene
Concen: 95.161 ng
RT: 23.86 min Scan# 3535
Delta R.T. -0.06 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 3558137
Ion Ratio Lower Upper
252 100
253 28.5 20.5 30.7
125 11.8 8.4 12.6

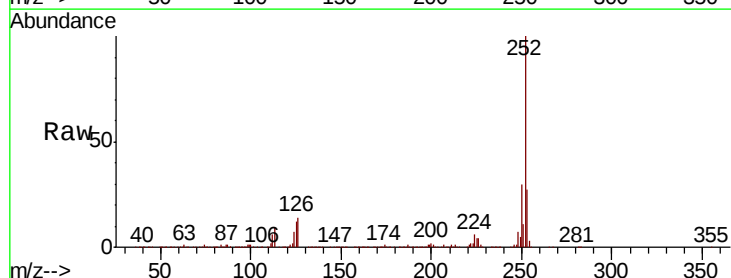


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

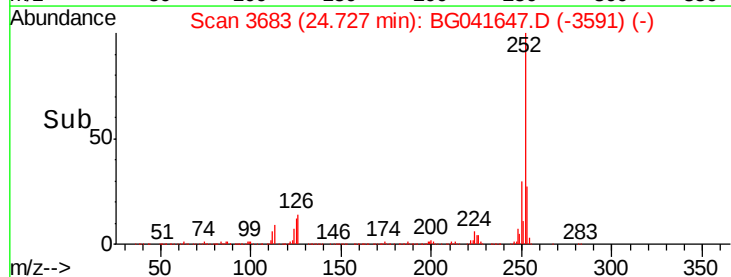
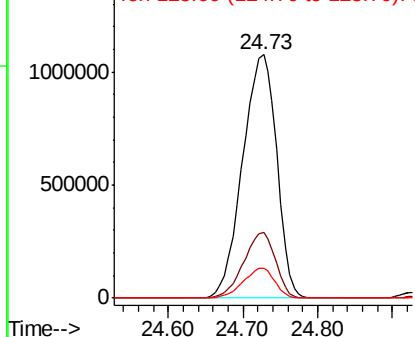


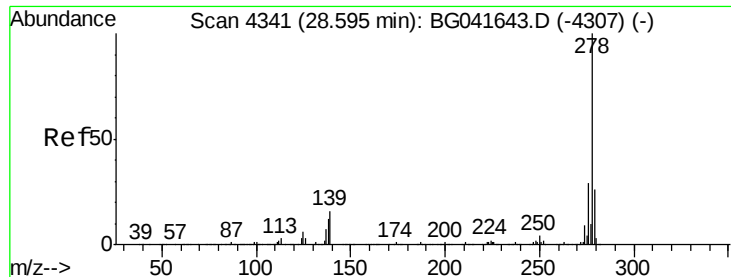
#90
Benzo(a)pyrene
Concen: 90.662 ng
RT: 24.73 min Scan# 3683
Delta R.T. 0.01 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Tgt Ion:252 Resp: 3408868
Ion Ratio Lower Upper
252 100
253 26.9 19.8 29.8
125 12.2 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

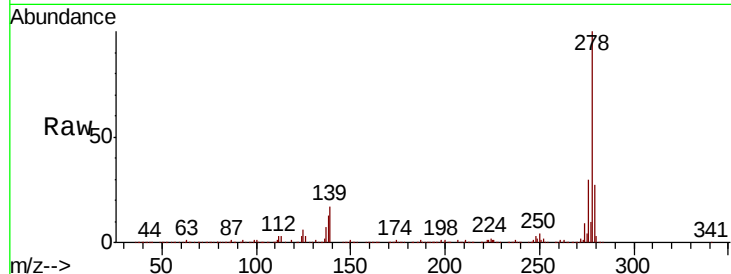




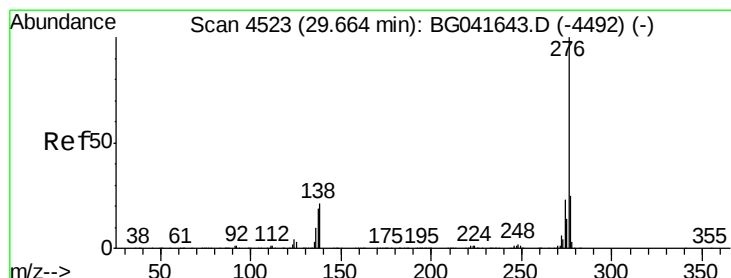
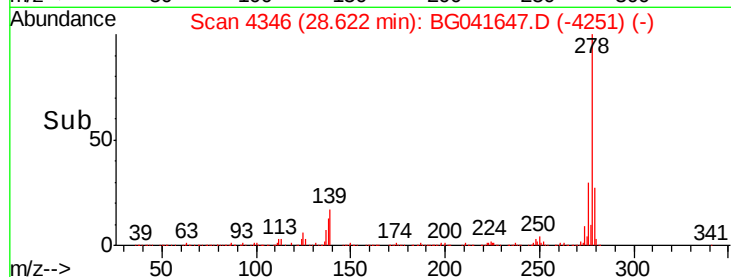
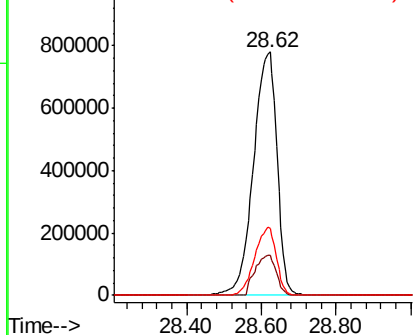
#91
Dibenzo(a,h)anthracene
Concen: 93.773 ng
RT: 28.62 min Scan# 4346
Delta R.T. 0.03 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 3423913
Ion Ratio Lower Upper
278 100
139 16.6 12.6 19.0
279 27.3 20.5 30.7

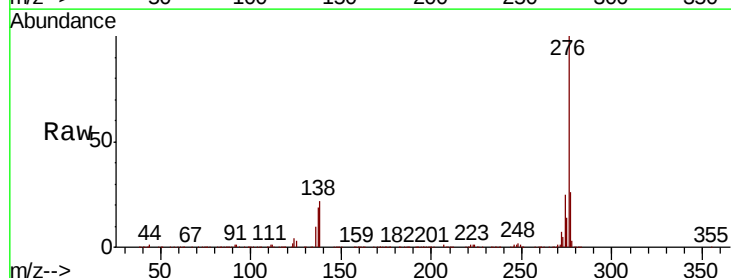


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 95.900 ng
RT: 29.69 min Scan# 4528
Delta R.T. 0.03 min
Lab File: BG041647.D
Acq: 15 Jul 2019 12:22

Tgt Ion:276 Resp: 3492792
Ion Ratio Lower Upper
276 100
277 25.9 19.8 29.8
138 21.5 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

