

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
 Data File : BG041645.D
 Acq On : 15 Jul 2019 11:04
 Operator : HP/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 15 11:53:16 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	111481	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	482824	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	294147	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	672364	20.00	ng	0.00
76) Chrysene-d12	21.66	240	611662	20.00	ng	0.00
87) Perylene-d12	24.86	264	718461	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	806081	121.34	ng	0.00
7) Phenol-d6	7.21	99	1081652	120.18	ng	0.00
23) Nitrobenzene-d5	9.21	82	967202	122.08	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	401832	119.46	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	2078853	111.11	ng	0.00
79) Terphenyl-d14	20.02	244	2754182	110.05	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	190821	63.304	ng	99
3) Pyridine	3.90	79	503191	64.407	ng	98
4) n-Nitrosodimethylamine	3.81	42	247709	62.261	ng	96
6) Aniline	7.37	93	733119	59.440	ng	99
8) 2-Chlorophenol	7.62	128	460047	61.897	ng	99
9) Benzaldehyde	7.18	77	289200	58.229	ng	95
10) Phenol	7.23	94	571623	61.170	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	466111	61.055	ng	99
12) 1,3-Dichlorobenzene	7.94	146	546589	60.231	ng	99
13) 1,4-Dichlorobenzene	8.09	146	544092	60.095	ng	99
14) 1,2-Dichlorobenzene	8.41	146	512572	59.531	ng	96
15) Benzyl Alcohol	8.29	79	439925	60.307	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	965922	58.900	ng	99
17) 2-Methylphenol	8.48	107	401492	60.310	ng	98
18) Hexachloroethane	9.15	117	201802	59.954	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	394932	59.747	ng	100
20) 3+4-Methylphenols	8.82	107	552738	60.311	ng	98
22) Acetophenone	8.88	105	682075	57.089	ng	99
24) Nitrobenzene	9.25	77	529771	64.029	ng	99
25) Isophorone	9.78	82	1013599	58.753	ng	99
26) 2-Nitrophenol	9.96	139	241437	66.284	ng	98
27) 2,4-Dimethylphenol	10.02	122	406125	59.174	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	627398	58.607	ng	99
29) 2,4-Dichlorophenol	10.50	162	472922	59.560	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	545021	58.901	ng	99
31) Naphthalene	10.91	128	1379187	58.494	ng	100
32) Benzoic acid	10.18	122	324467	64.344	ng	99
33) 4-Chloroaniline	11.01	127	651191	57.465	ng	98
34) Hexachlorobutadiene	11.20	225	352567	58.877	ng	98
35) Caprolactam	11.79	113	169999	56.158	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	484992	58.771	ng	99
37) 2-Methylnaphthalene	12.51	142	1056869	58.669	ng	98
38) 1-Methylnaphthalene	12.73	142	1000724	58.527	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	589478	59.146	ng	100

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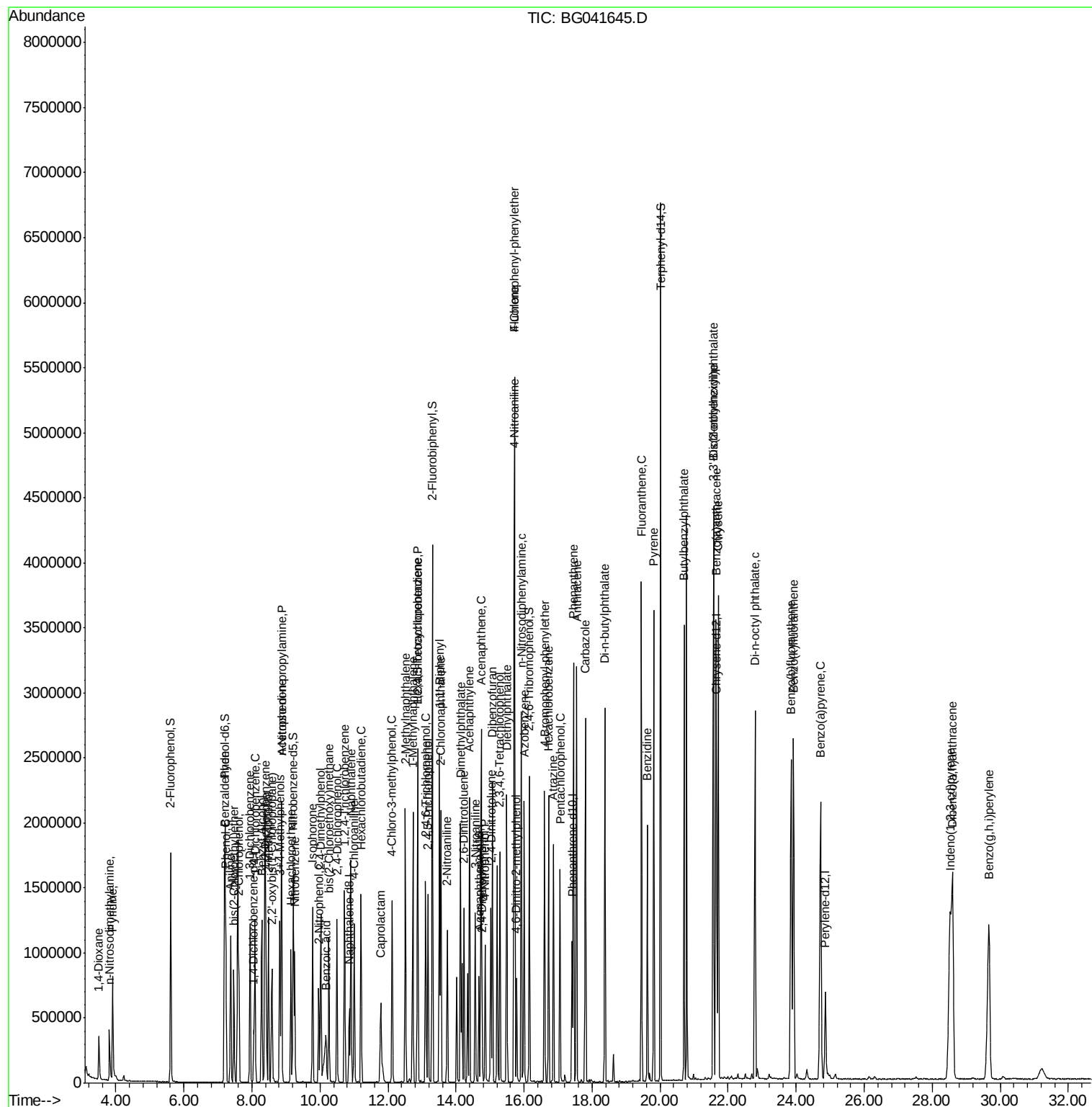
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	353490	57.884	nq	99
43) 2,4,6-Trichlorophenol	13.11	196	395993	60.518	nq	97
44) 2,4,5-Trichlorophenol	13.18	196	409702	61.310	nq	97
46) 1,1'-Biphenyl	13.51	154	1255371	57.756	nq	98
47) 2-Chloronaphthalene	13.55	162	1062453	58.692	nq	99
48) 2-Nitroaniline	13.74	65	341074	68.077	nq	99
49) Acenaphthylene	14.39	152	1613608	58.531	nq	98
50) Dimethylphthalate	14.13	163	1313564	56.993	nq	99
51) 2,6-Dinitrotoluene	14.23	165	304462	66.222	nq	99
52) Acenaphthene	14.74	154	1054493	59.667	nq	100
53) 3-Nitroaniline	14.56	138	331197	64.256	nq	98
54) 2,4-Dinitrophenol	14.76	184	137531	66.261	nq	92
55) Dibenzofuran	15.07	168	1534636	57.968	nq	99
56) 4-Nitrophenol	14.86	139	270912	66.061	nq	97
57) 2,4-Dinitrotoluene	15.02	165	412726	68.248	nq	98
58) Fluorene	15.72	166	1239742	57.754	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	379637	60.337	nq	100
60) Diethylphthalate	15.49	149	1316581	56.500	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	714594	58.095	nq	98
62) 4-Nitroaniline	15.73	138	342080	62.541	nq	98
63) Azobenzene	16.00	77	1196700	58.336	nq	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	193002	66.126	nq	97
66) n-Nitrosodiphenylamine	15.92	169	1147658	56.390	nq	100
67) 4-Bromophenyl-phenylether	16.60	248	474558	57.097	nq	97
68) Hexachlorobenzene	16.72	284	476606	56.694	nq	99
69) Atrazine	16.86	200	363815	59.753	nq	99
70) Pentachlorophenol	17.05	266	313350	60.016	nq	99
71) Phenanthrene	17.45	178	1902401	54.145	nq	98
72) Anthracene	17.54	178	1897018	51.624	nq	98
73) Carbazole	17.80	167	1779534	52.534	nq	98
74) Di-n-butylphthalate	18.38	149	2040429	49.100	nq	99
75) Fluoranthene	19.45	202	2210968	52.266	nq	99
77) Benzidine	19.62	184	1130501	55.344	nq	99
78) Pyrene	19.81	202	2194789	55.769	nq	99
80) Butylbenzylphthalate	20.70	149	1016359	54.637	nq	97
81) Benzo(a)anthracene	21.64	228	2247257	53.100	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	924334	52.525	nq	100
83) Chrysene	21.71	228	2150318	57.080	nq	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	1399237	54.999	nq	99
85) Di-n-octyl phthalate	22.78	149	2412208	54.630	nq	99
86) Indeno(1,2,3-cd)pyrene	28.52	276	2980536	58.241	nq	# 94
88) Benzo(b)fluoranthene	23.85	252	2558299	59.978	nq	99
89) Benzo(k)fluoranthene	23.92	252	2295457	56.469	nq	98
90) Benzo(a)pyrene	24.72	252	2409737	58.951	nq	100
91) Dibenzo(a,h)anthracene	28.59	278	2359762	59.447	nq	100
92) Benzo(g,h,i)perylene	29.67	276	2377514	60.045	nq	99

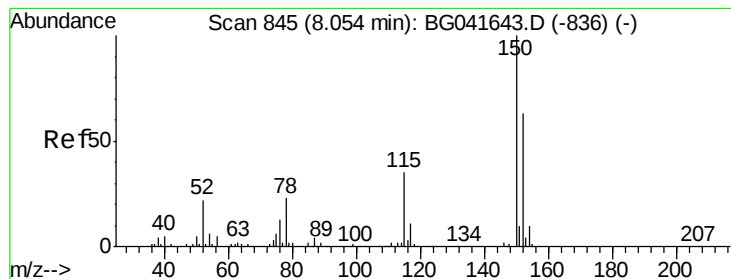
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG041645.D

Acq: 15 Jul 2019 11:04

Instrument :

BNA_G

ClientSampleId :

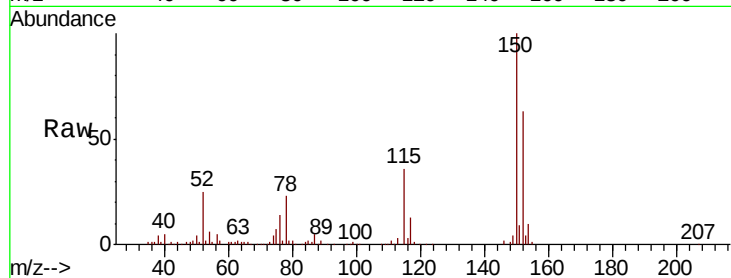
Tot Ion:152 Resp: 111481

Ion Ratio Lower Upper

152 100

150 158.6 126.9 190.3

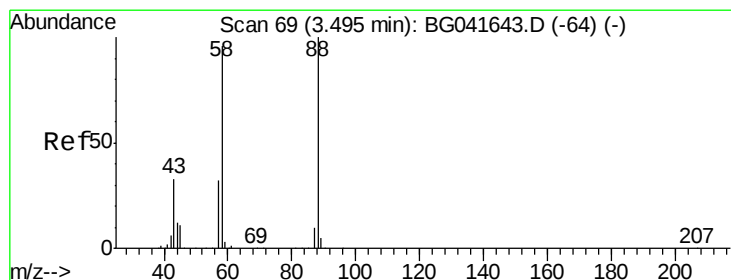
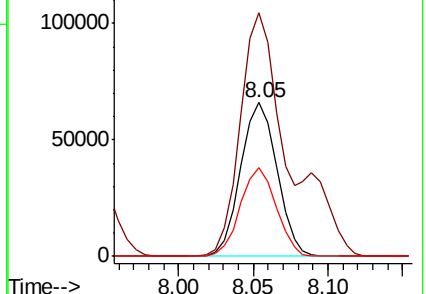
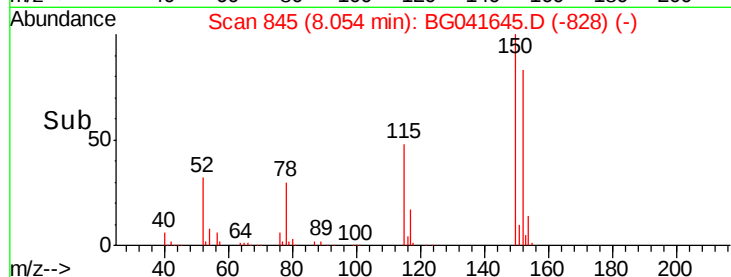
115 57.7 45.0 67.6



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: 63.304 ng

RT: 3.50 min Scan# 70

Delta R.T. 0.01 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

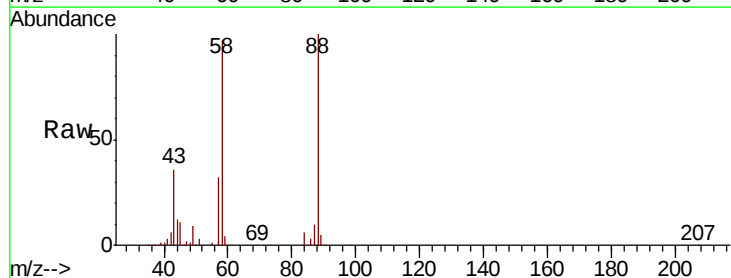
Tgt Ion: 88 Resp: 190821

Ion Ratio Lower Upper

88 100

58 95.5 76.2 114.2

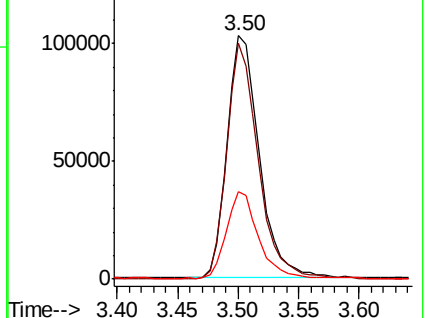
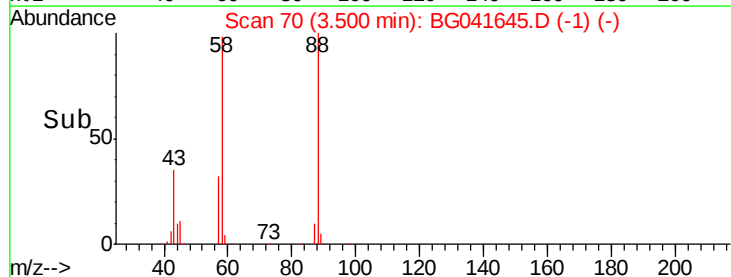
43 35.5 27.2 40.8

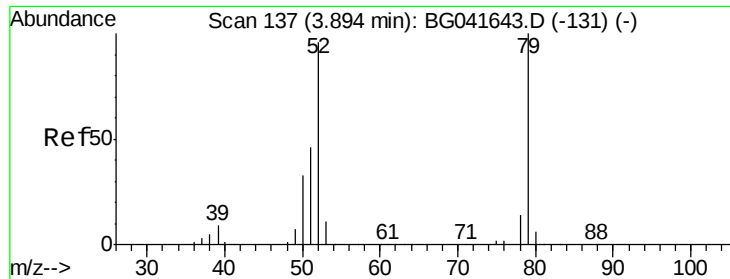


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 64.407 ng

RT: 3.90 min Scan# 138

Delta R.T. 0.01 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Instrument :

BNA_G

ClientSampleId :

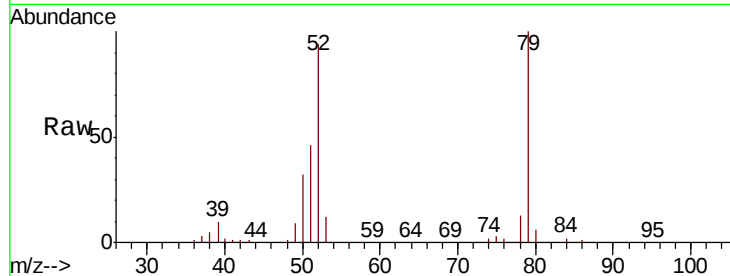
Tot Ion: 79 Resp: 503191

Ion Ratio Lower Upper

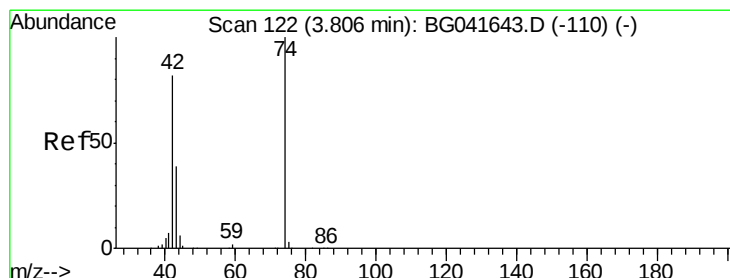
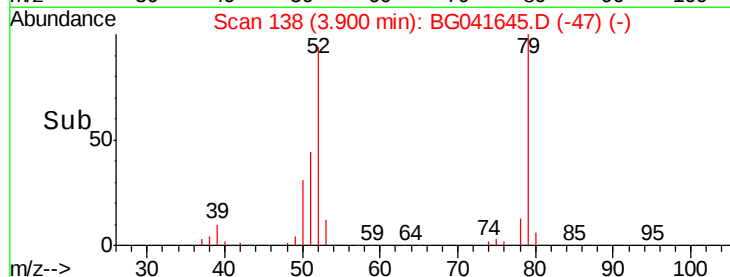
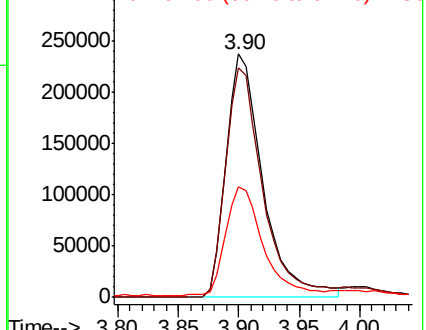
79 100

52 94.1 77.1 115.7

51 45.6 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: 62.261 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.01 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

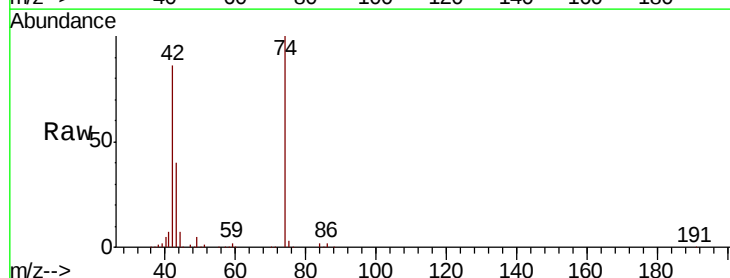
Tgt Ion: 42 Resp: 247709

Ion Ratio Lower Upper

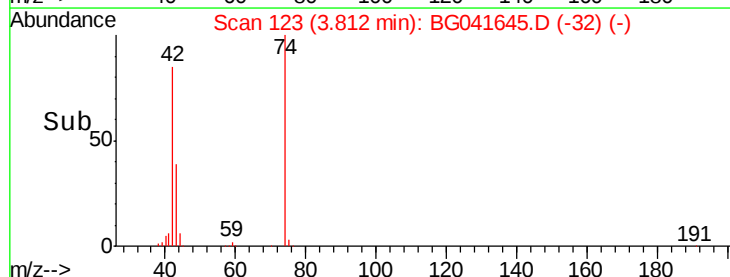
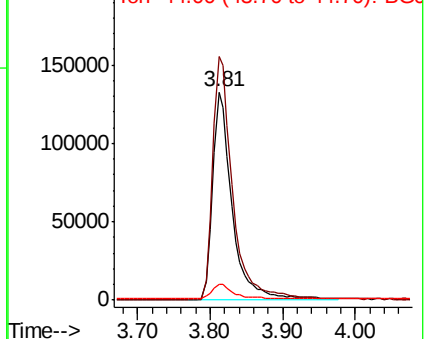
42 100

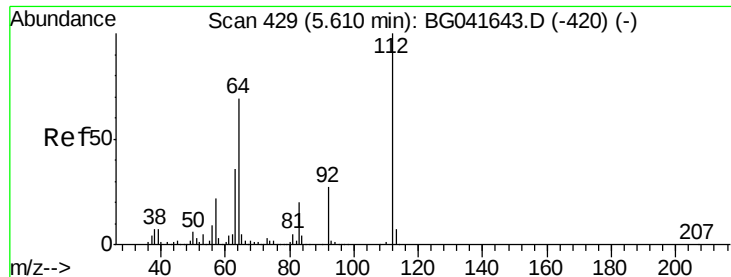
74 116.9 97.4 146.2

44 7.8 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: 121.337 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Instrument :

BNA_G

ClientSampleId :

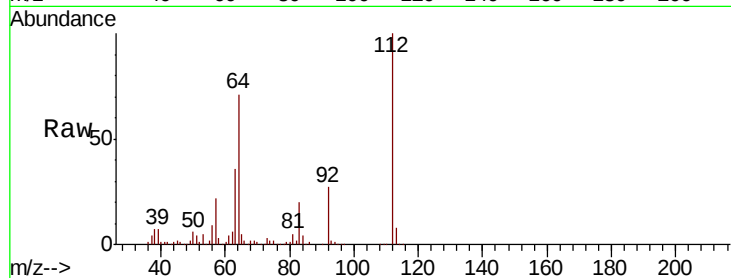
Tot Ion:112 Resp: 806081

Ion Ratio Lower Upper

112 100

64 70.6 55.4 83.2

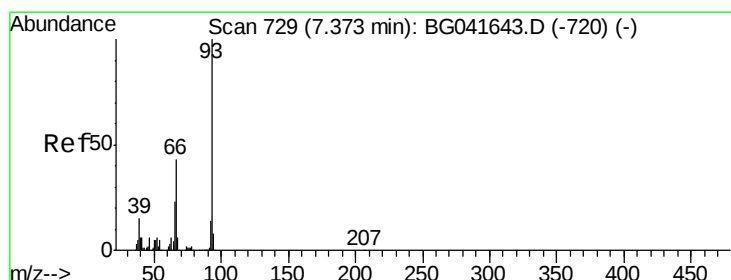
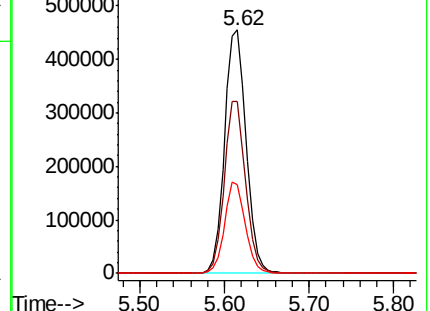
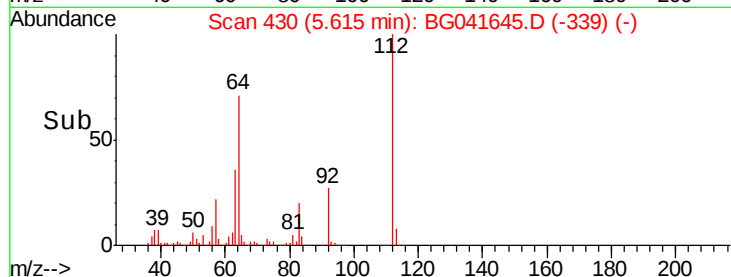
63 36.4 29.1 43.7



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: 59.440 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

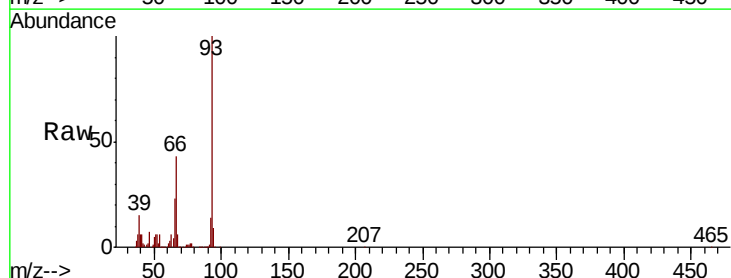
Tgt Ion: 93 Resp: 733119

Ion Ratio Lower Upper

93 100

66 43.1 34.2 51.2

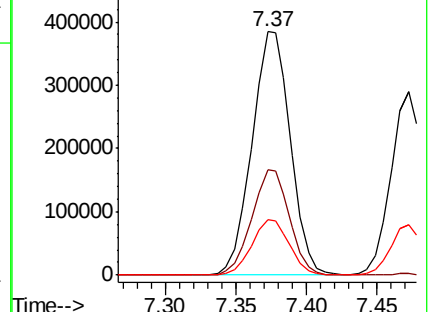
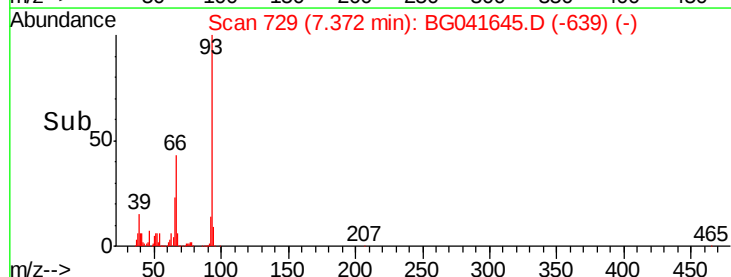
65 22.8 18.2 27.2

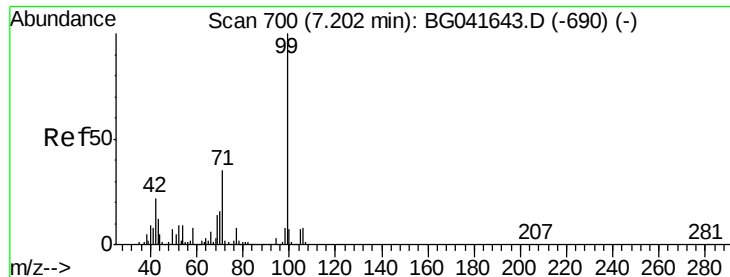


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.181 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

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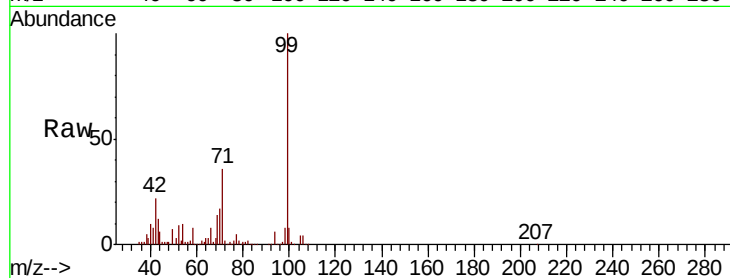
Tot Ion: 99 Resp: 1081652

Ion Ratio Lower Upper

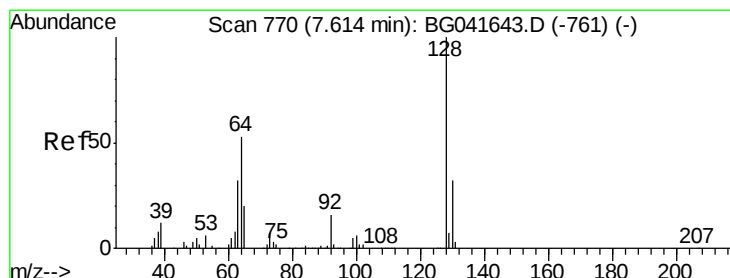
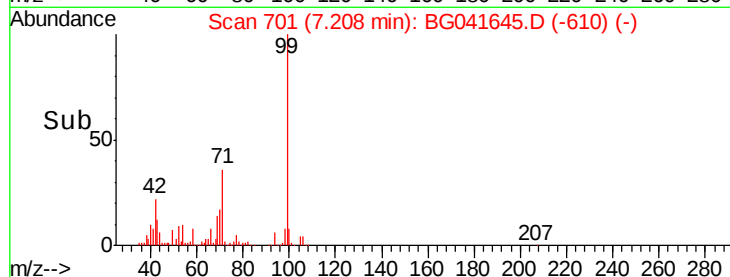
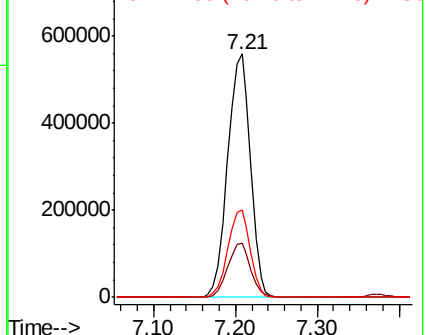
99 100

42 22.4 17.6 26.4

71 35.7 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: 61.897 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

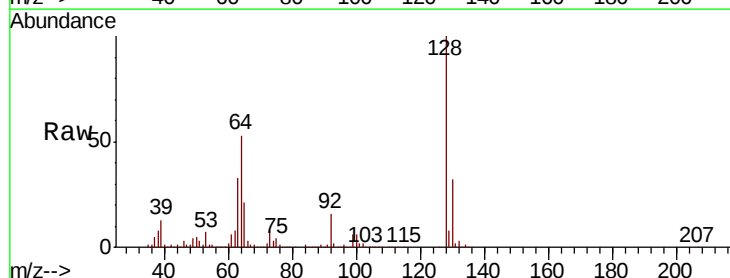
Tgt Ion:128 Resp: 460047

Ion Ratio Lower Upper

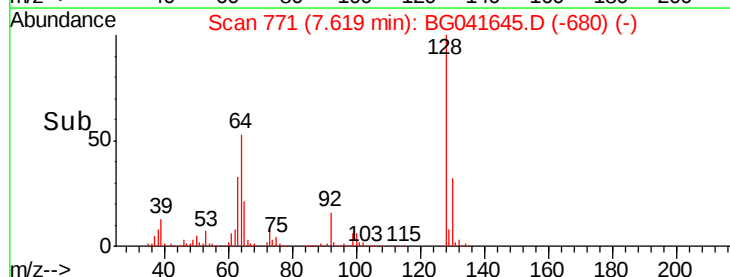
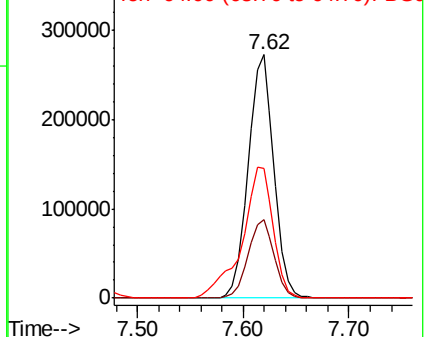
128 100

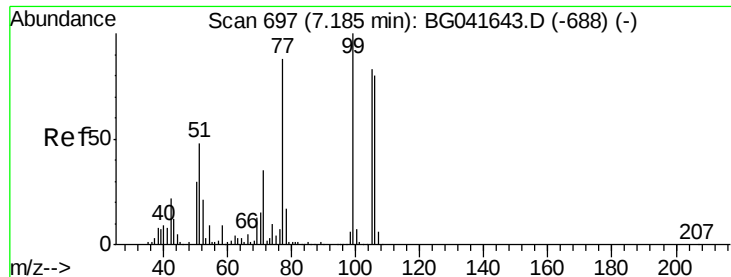
130 32.3 12.4 52.4

64 53.3 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: 58.229 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

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Acq: 15 Jul 2019 11:04

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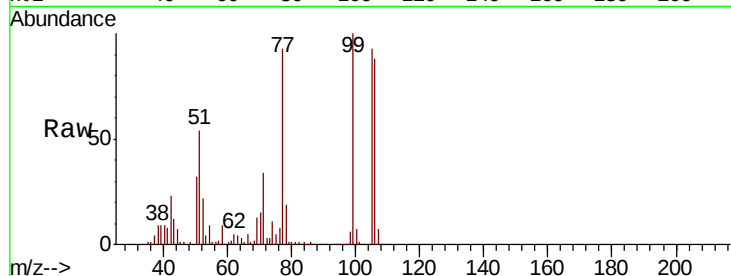
Tot Ion: 77 Resp: 289200

Ion Ratio Lower Upper

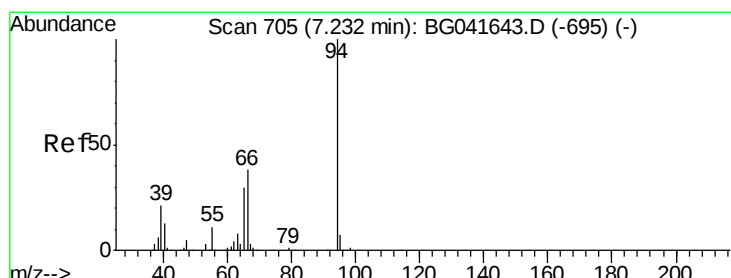
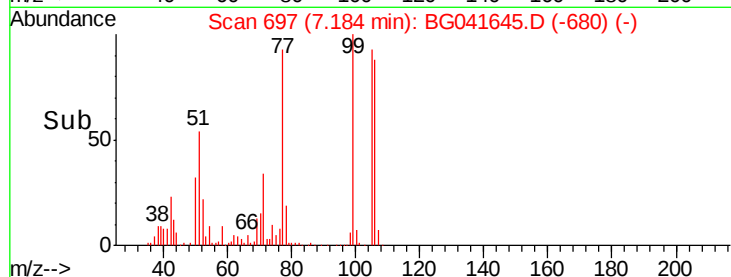
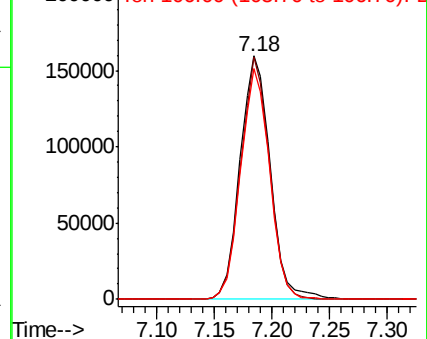
77 100

105 99.7 74.6 114.6

106 94.8 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: 61.170 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

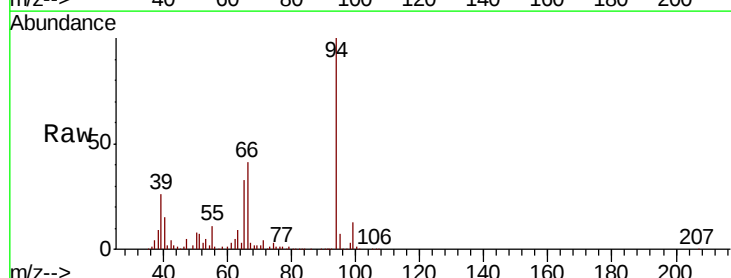
Tgt Ion: 94 Resp: 571623

Ion Ratio Lower Upper

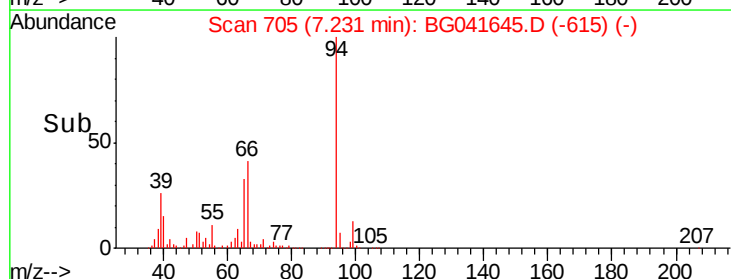
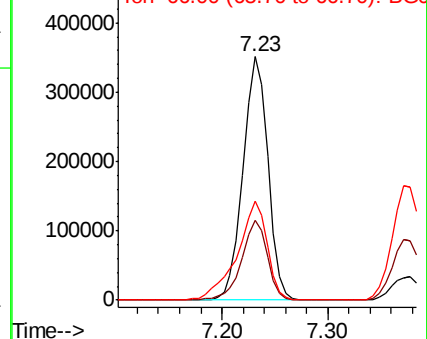
94 100

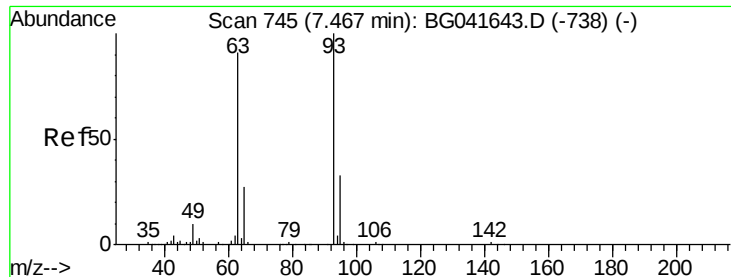
65 32.6 10.6 50.6

66 40.5 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



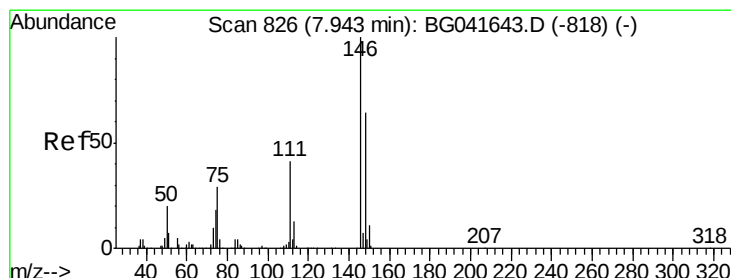
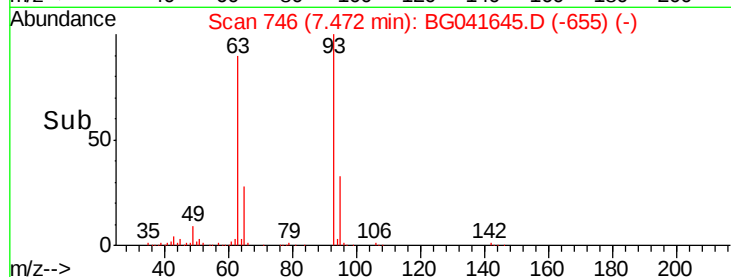
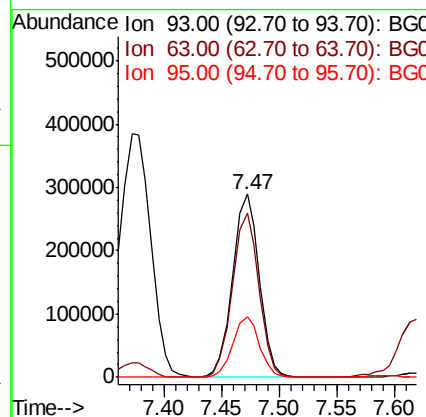
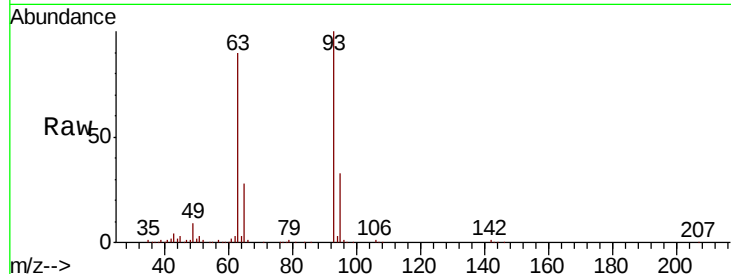


#11
bis(2-Chloroethyl)ether
Concen: 61.055 ng
RT: 7.47 min Scan# 746
Delta R.T. 0.01 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 466111

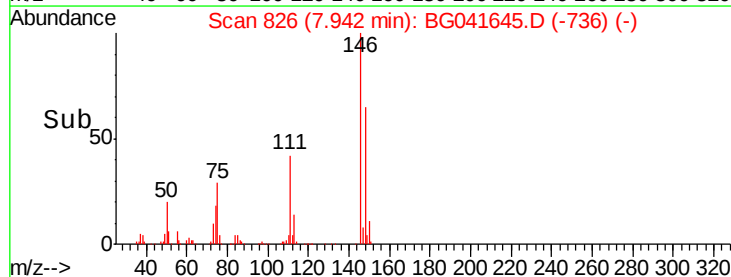
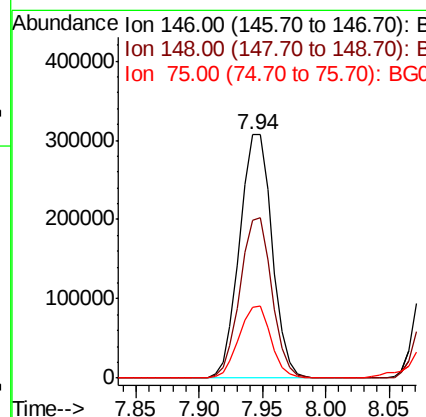
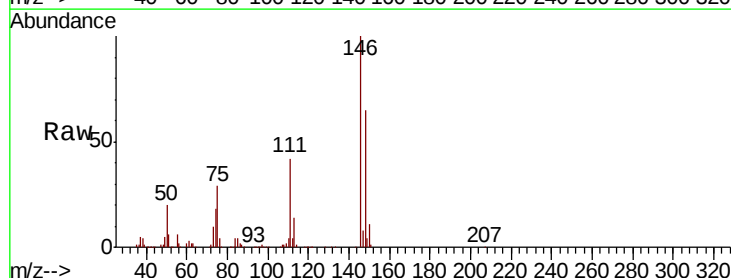
Ion	Ratio	Lower	Upper
93	100		
63	89.7	70.4	110.4
95	33.3	12.8	52.8

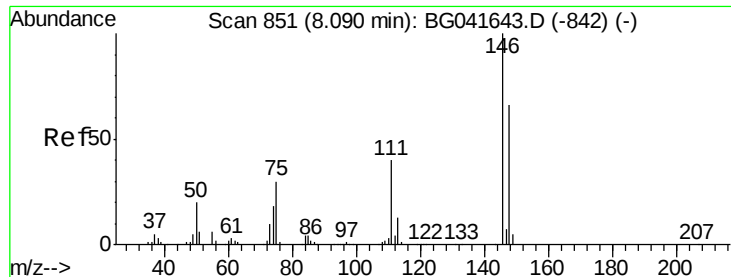


#12
1,3-Dichlorobenzene
Concen: 60.231 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Tgt Ion: 146 Resp: 546589

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.5	77.3
75	29.2	23.2	34.8

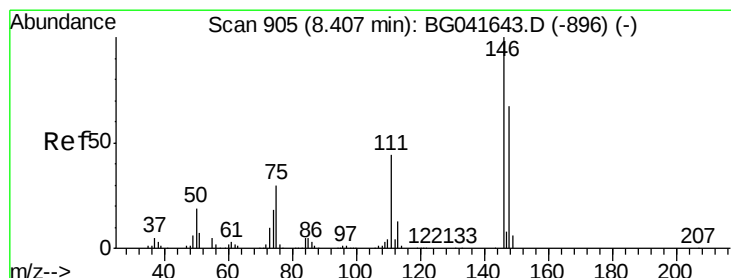
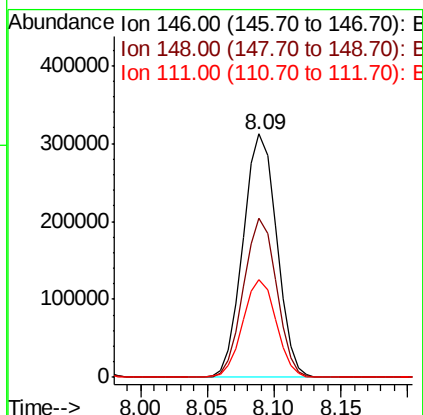
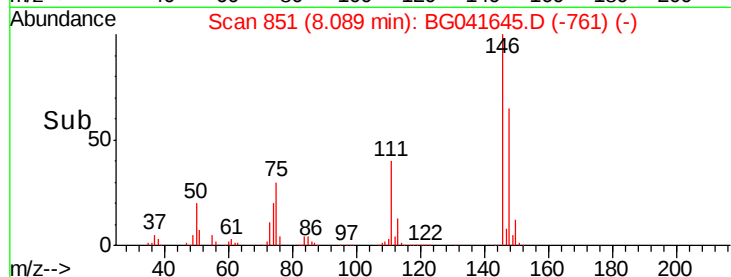
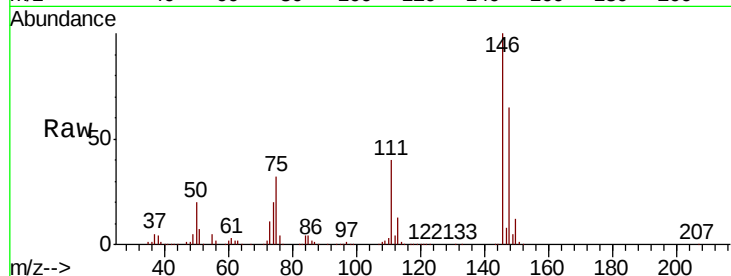




#13
 1,4-Dichlorobenzene
 Concen: 60.095 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG041645.D
 Acq: 15 Jul 2019 11:04

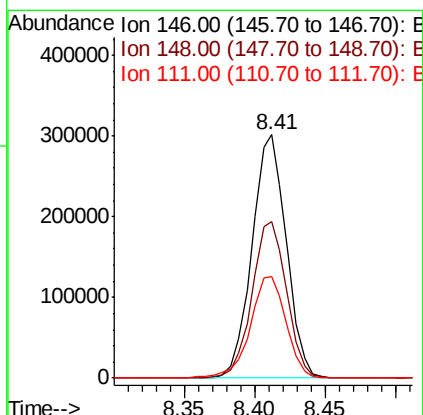
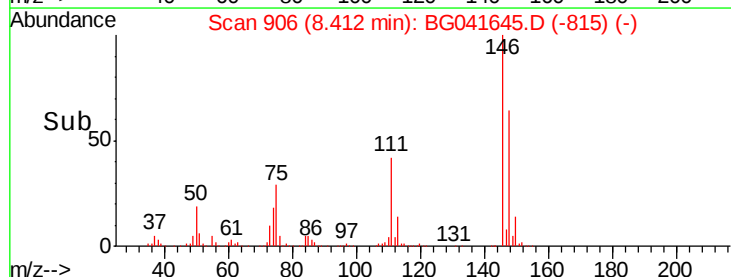
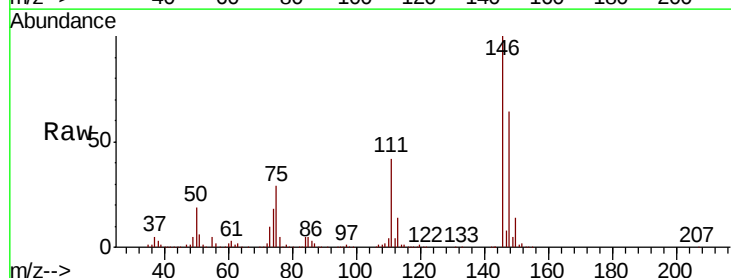
Instrument :
 BNA_G
 ClientSampleId :

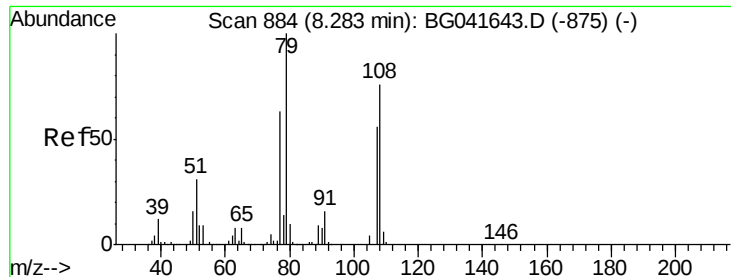
Tot Ion:146 Resp: 544092
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.6 79.0
 111 40.2 32.5 48.7



#14
 1,2-Dichlorobenzene
 Concen: 59.531 ng
 RT: 8.41 min Scan# 906
 Delta R.T. 0.01 min
 Lab File: BG041645.D
 Acq: 15 Jul 2019 11:04

Tgt Ion:146 Resp: 512572
 Ion Ratio Lower Upper
 146 100
 148 64.1 53.5 80.3
 111 41.8 35.4 53.0





#15

Benzyl Alcohol

Concen: 60.307 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Instrument :

BNA_G

ClientSampleId :

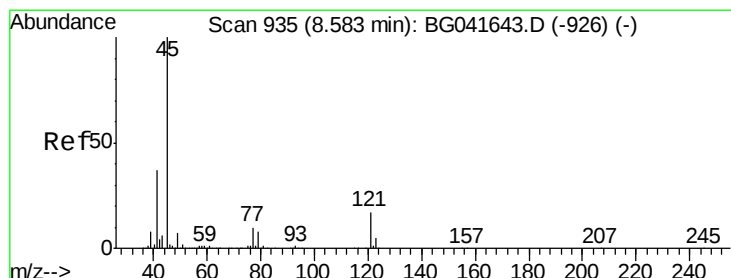
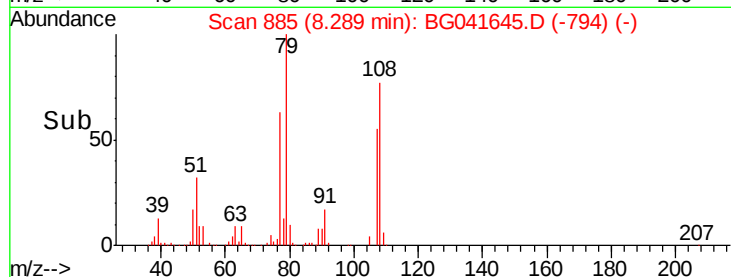
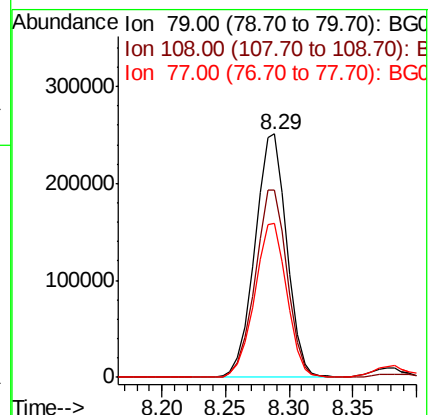
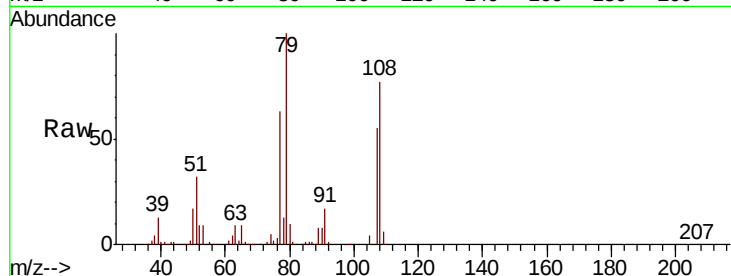
Tot Ion: 79 Resp: 439925

Ion Ratio Lower Upper

79 100

108 76.7 60.5 90.7

77 63.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.900 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

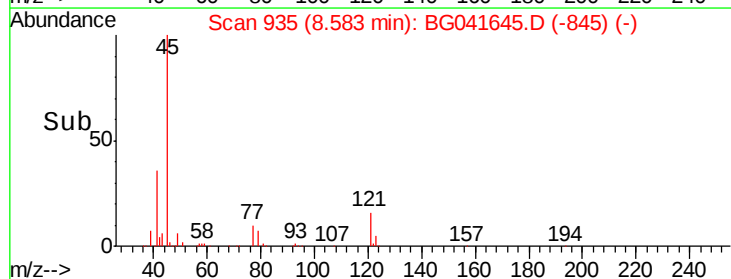
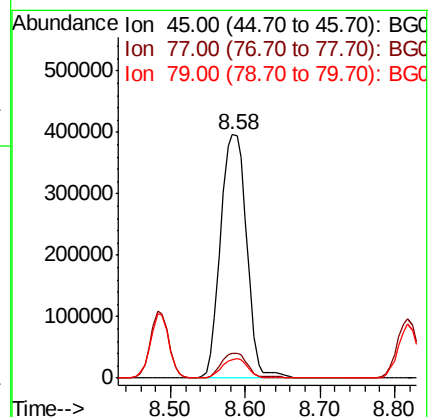
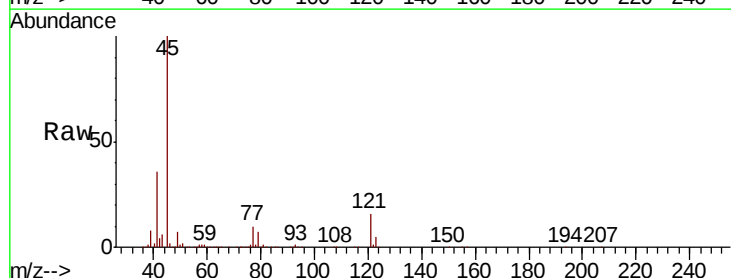
Tgt Ion: 45 Resp: 965922

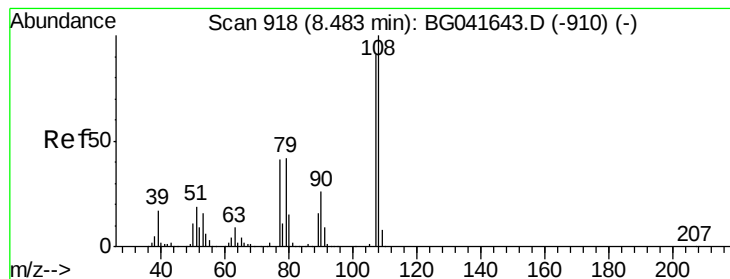
Ion Ratio Lower Upper

45 100

77 10.1 0.0 30.4

79 7.4 0.0 27.9





#17

2-Methylphenol

Concen: 60.310 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 401492

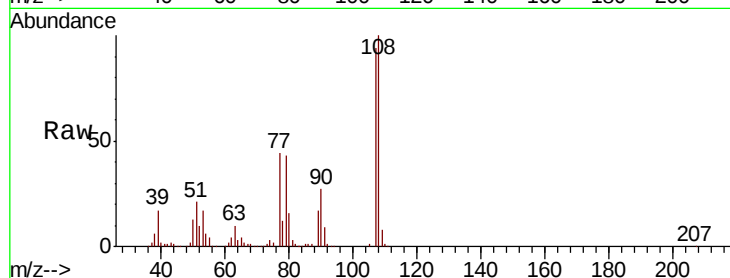
Ion Ratio Lower Upper

107 100

108 106.0 87.6 131.4

77 46.5 36.1 54.1

79 45.2 36.4 54.6

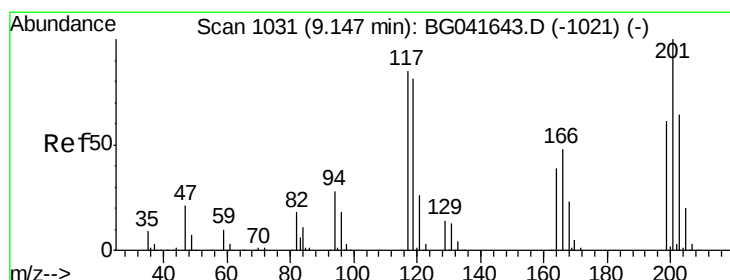
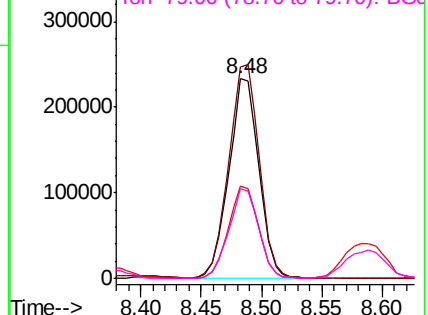
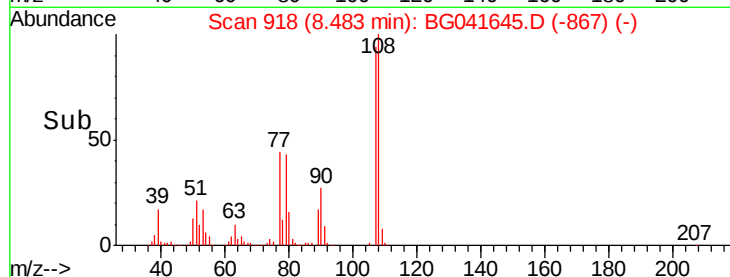


Abundance Ion 107.00 (106.70 to 107.70): E

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: 59.954 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

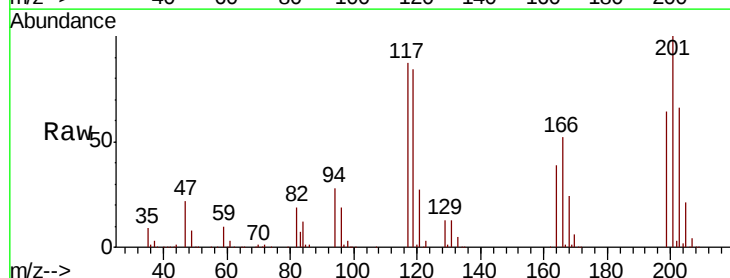
Tgt Ion:117 Resp: 201802

Ion Ratio Lower Upper

117 100

119 96.5 76.2 114.2

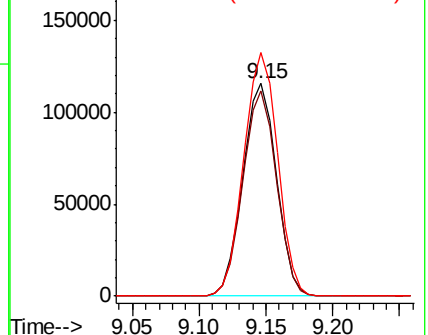
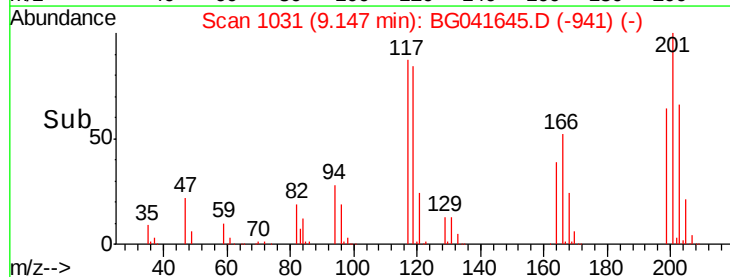
201 114.4 94.1 141.1

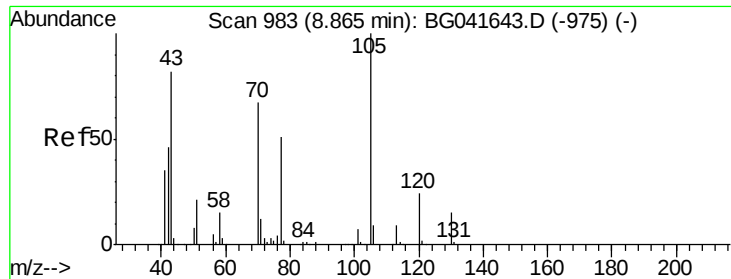


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

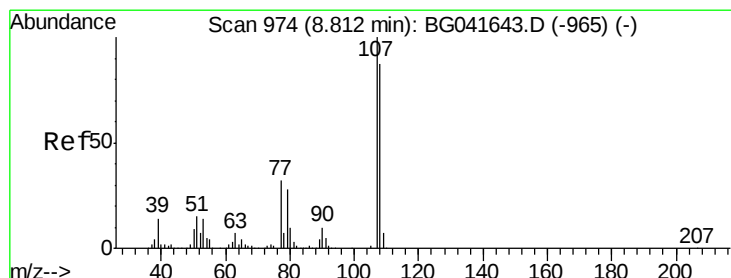
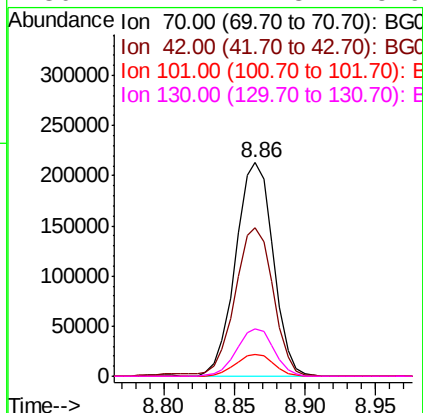
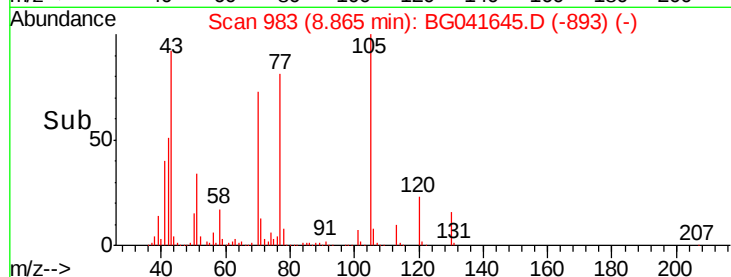
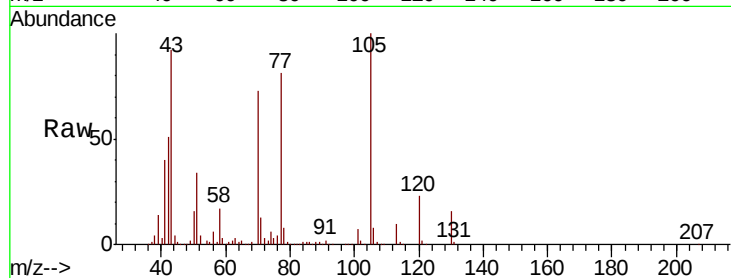




#19
n-Nitroso-di-n-propylamine
Concen: 59.747 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

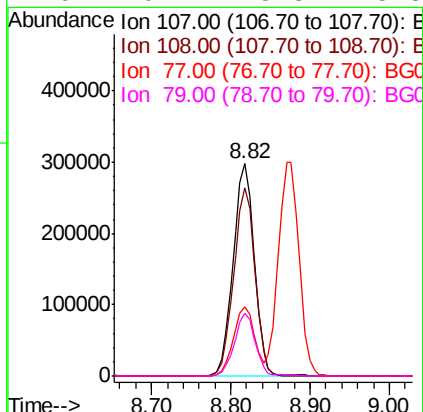
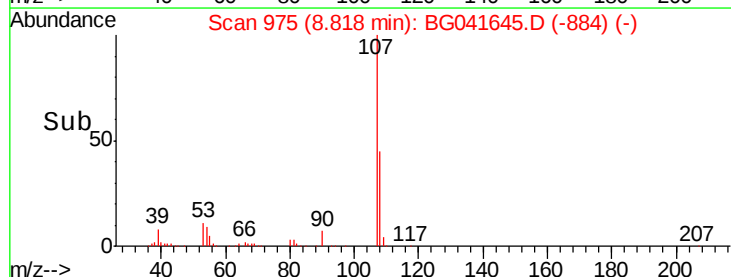
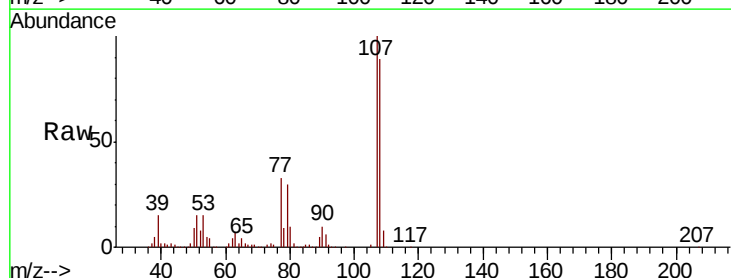
Instrument :
BNA_G
ClientSampleId :

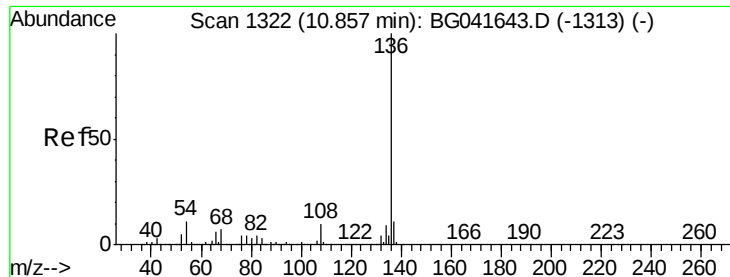
Tot Ion:	70	Resp:	394932
Ion	Ratio	Lower	Upper
70	100		
42	69.6	55.8	83.6
101	10.2	8.1	12.1
130	22.4	17.3	25.9



#20
3+4-Methylphenols
Concen: 60.311 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Tgt Ion:	107	Resp:	552738
Ion	Ratio	Lower	Upper
107	100		
108	88.8	67.5	107.5
77	32.7	12.3	52.3
79	29.7	8.3	48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 482824

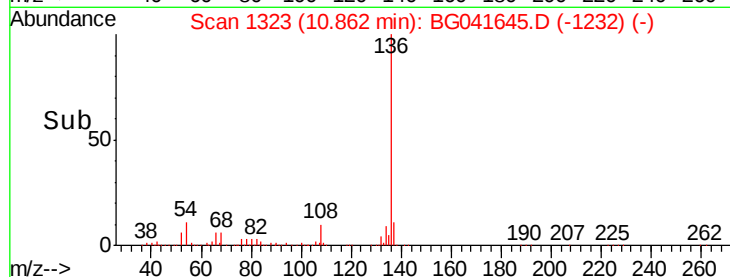
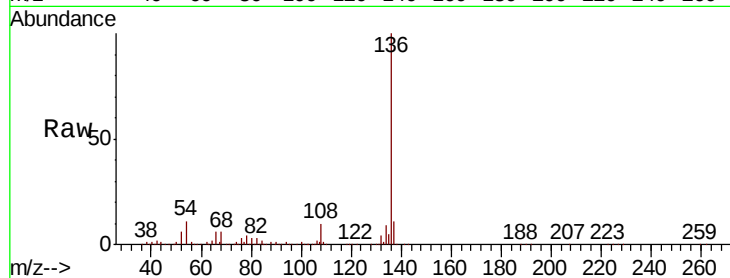
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 10.6 8.7 13.1

68 6.4 5.5 8.3

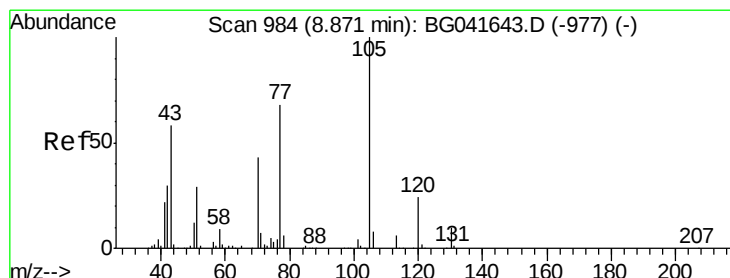
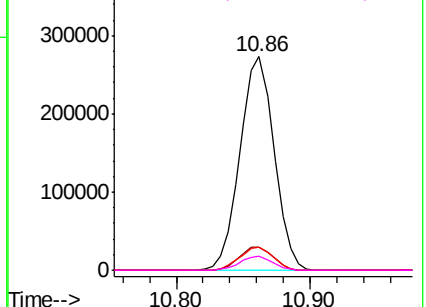


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 57.089 ng

RT: 8.88 min Scan# 985

Delta R.T. 0.01 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Tgt Ion:105 Resp: 682075

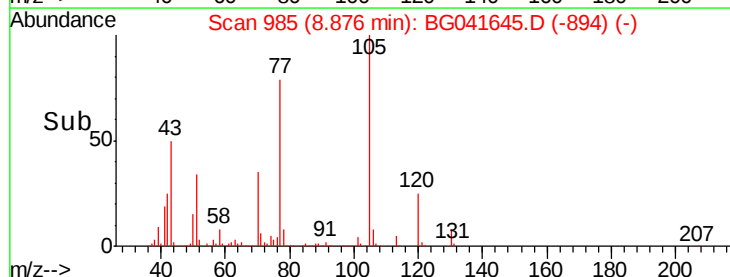
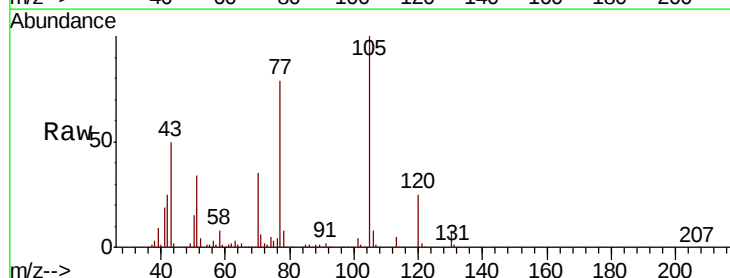
Ion Ratio Lower Upper

105 100

71 6.5 5.9 8.9

51 34.4 27.7 41.5

120 25.2 19.3 28.9

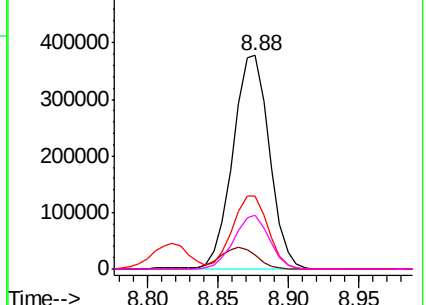


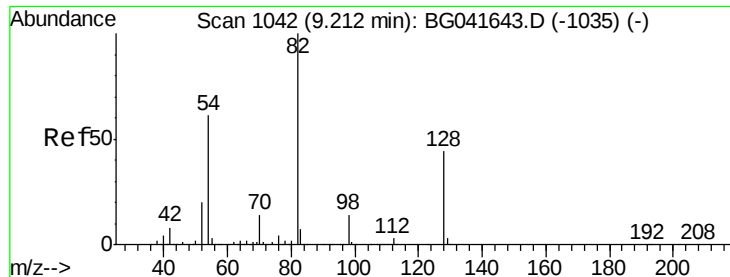
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

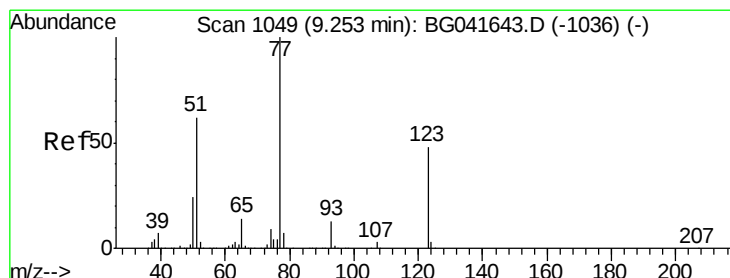
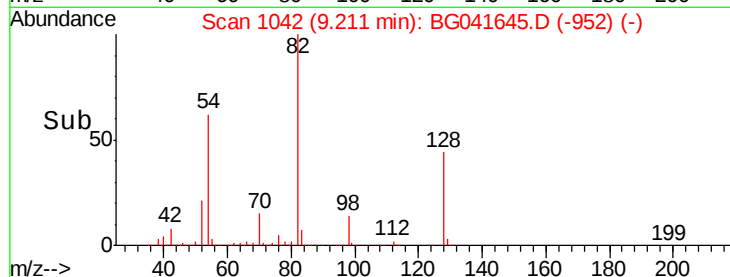
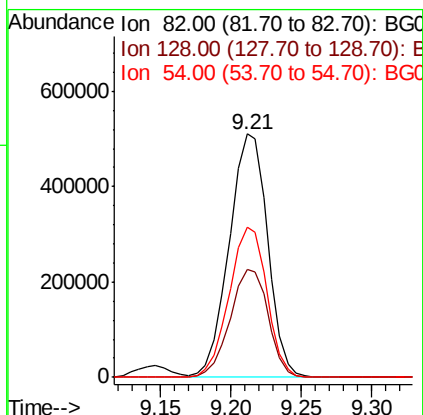
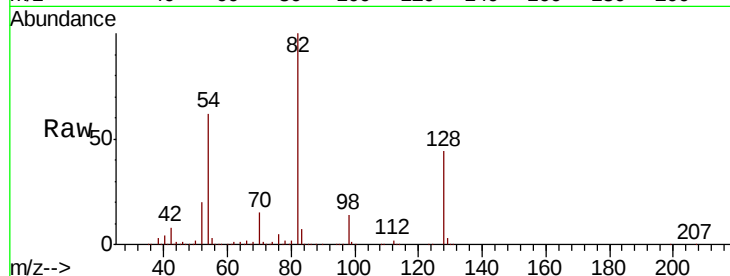




#23
 Nitrobenzene-d5
 Concen: 122.084 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041645.D
 Acq: 15 Jul 2019 11:04

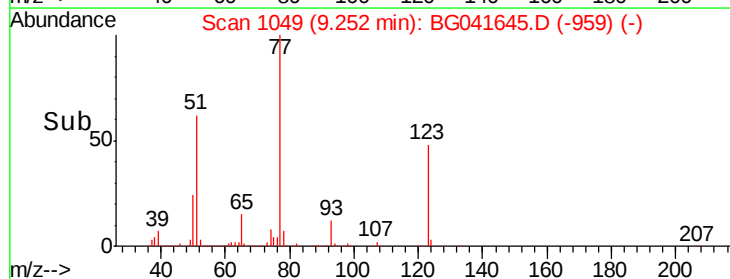
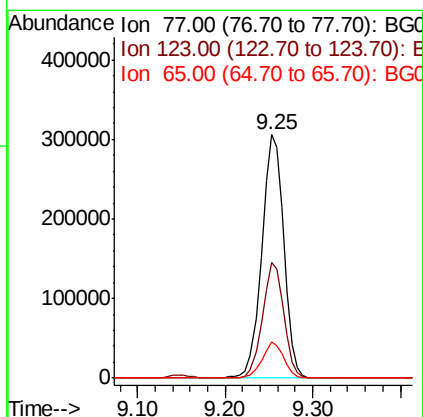
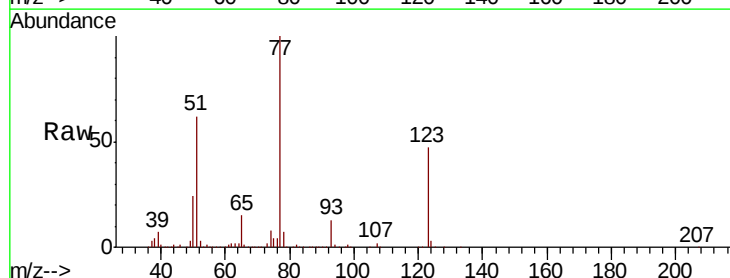
Instrument :
 BNA_G
 ClientSampleId :

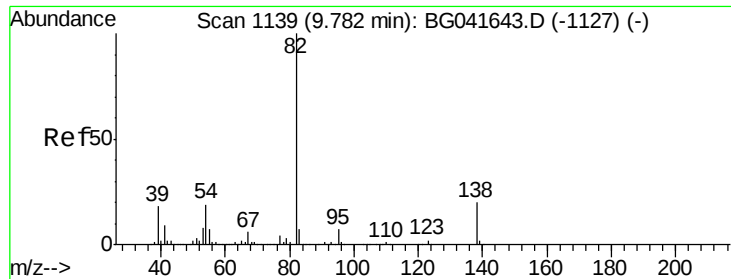
Tot Ion	82	Resp	967202
Ion Ratio	100	Lower	Upper
128	44.1	35.1	52.7
54	61.8	48.7	73.1



#24
 Nitrobenzene
 Concen: 64.029 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG041645.D
 Acq: 15 Jul 2019 11:04

Tgt Ion	77	Resp	529771
Ion Ratio	100	Lower	Upper
123	47.5	38.1	57.1
65	14.7	11.0	16.6





#25

Isophorone

Concen: 58.753 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Instrument :

BNA_G

ClientSampleId :

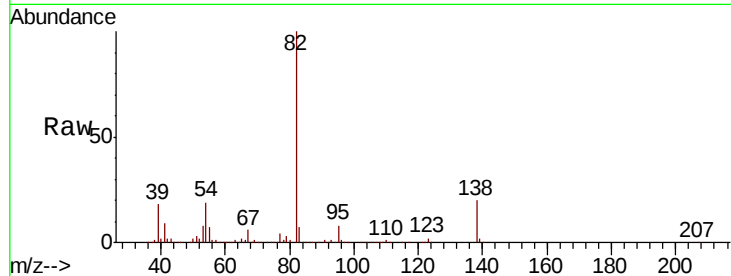
Tot Ion: 82 Resp: 1013599

Ion Ratio Lower Upper

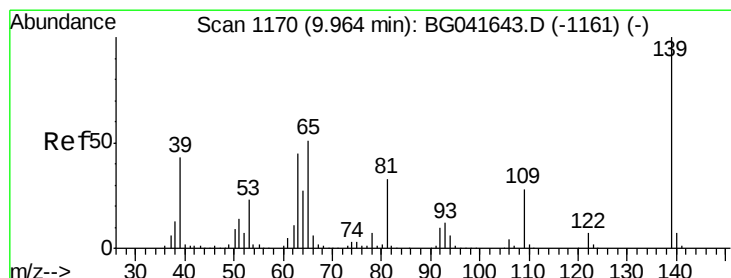
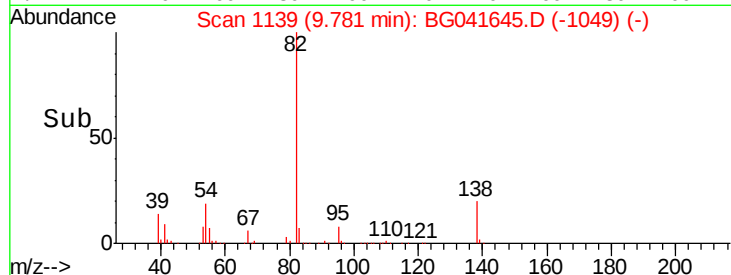
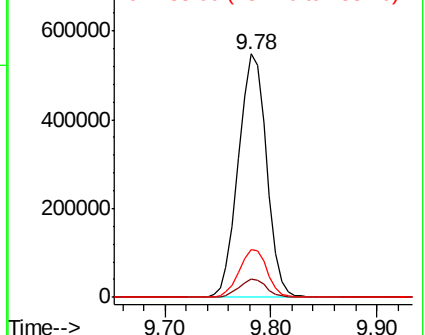
82 100

95 7.6 5.9 8.9

138 19.7 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: 66.284 ng

RT: 9.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

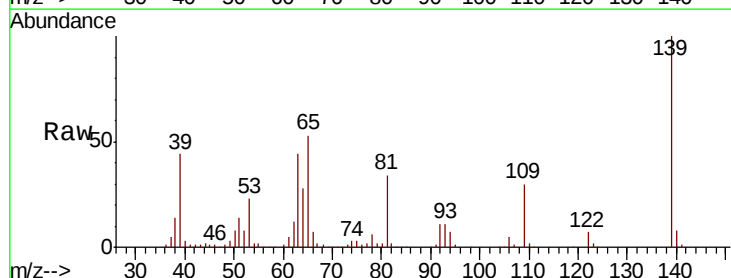
Tgt Ion: 139 Resp: 241437

Ion Ratio Lower Upper

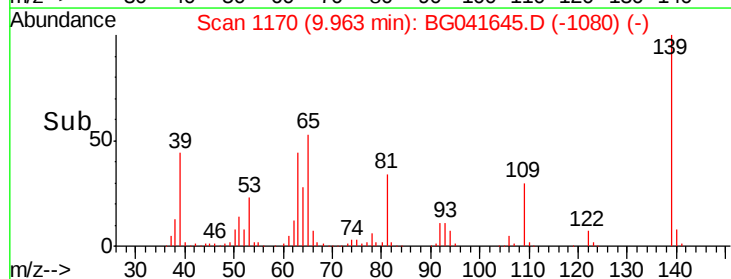
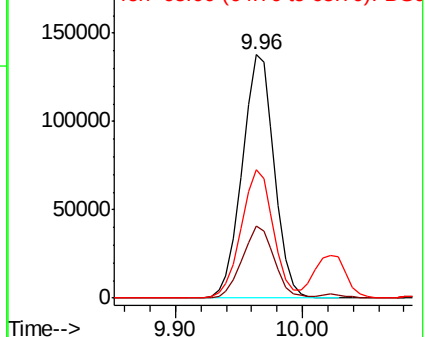
139 100

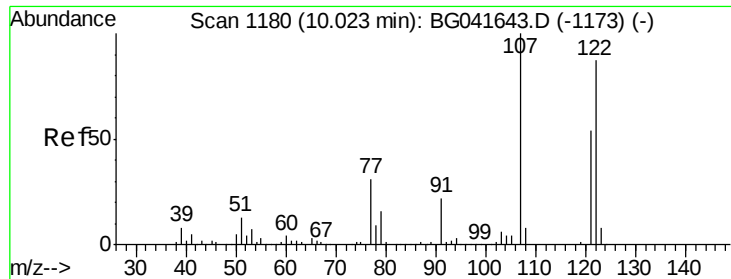
109 29.8 22.7 34.1

65 52.7 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

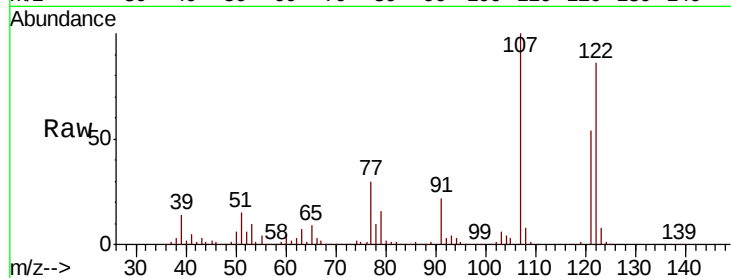




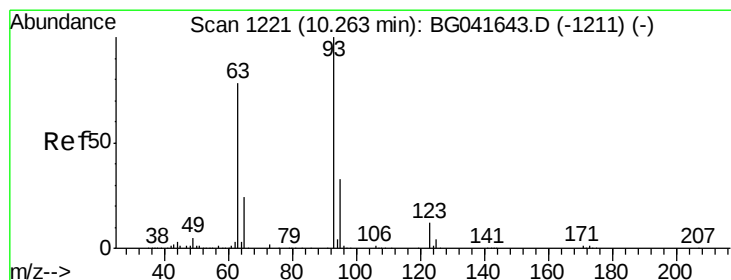
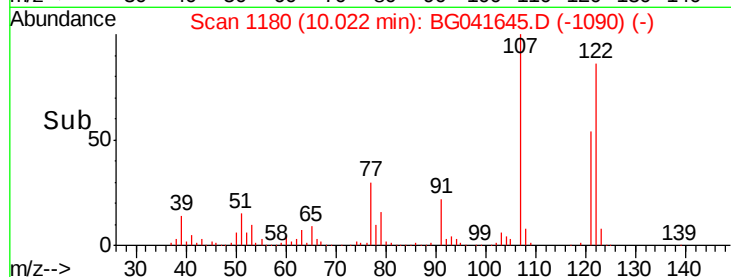
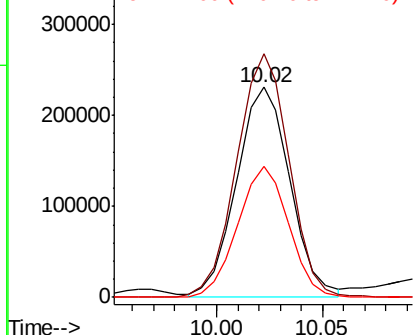
#27
2,4-Dimethylphenol
Concen: 59.174 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 406125
Ion Ratio Lower Upper
122 100
107 115.9 91.3 136.9
121 62.3 49.2 73.8

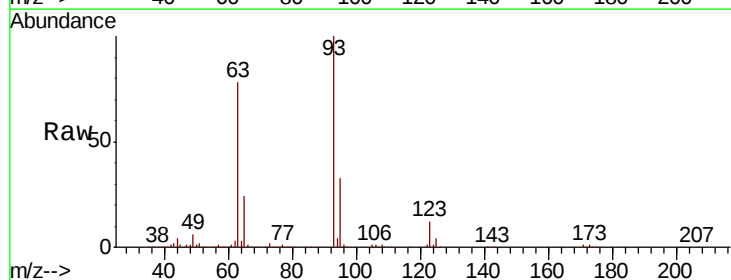


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

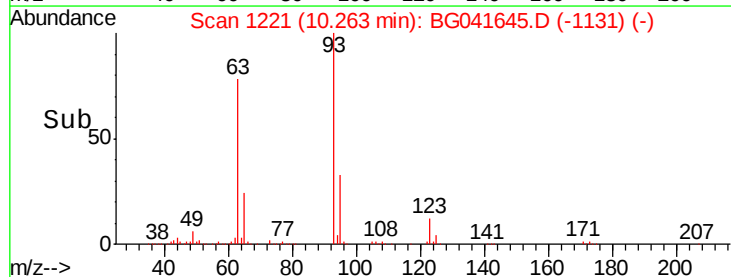
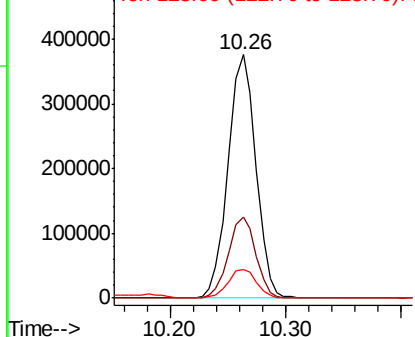


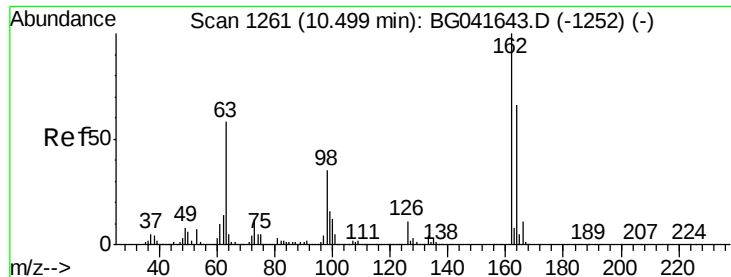
#28
bis(2-Chloroethoxy)methane
Concen: 58.607 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Tgt Ion: 93 Resp: 627398
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 12.0 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

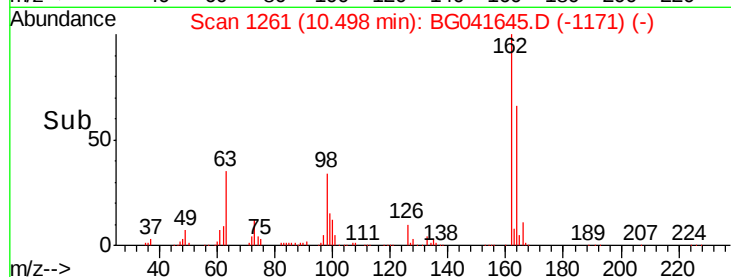
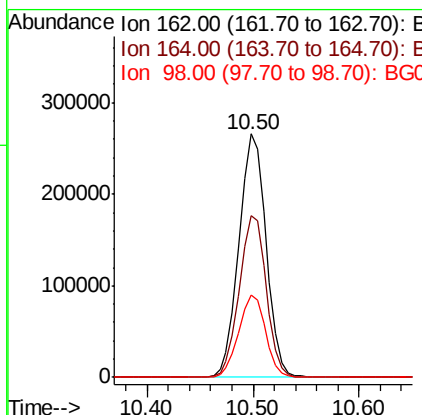
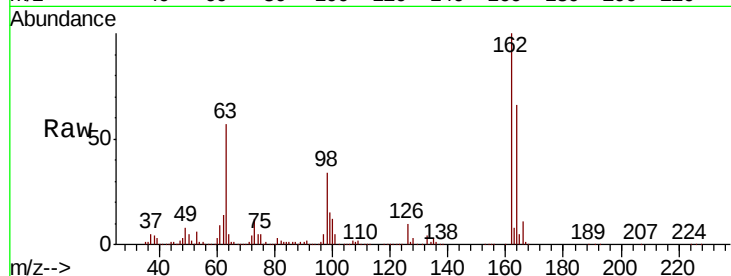




#29
 2,4-Dichlorophenol
 Concen: 59.560 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG041645.D
 Acq: 15 Jul 2019 11:04

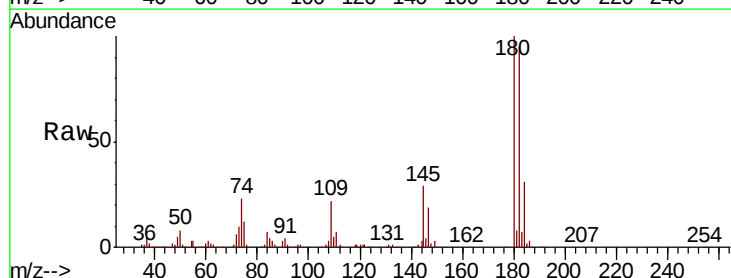
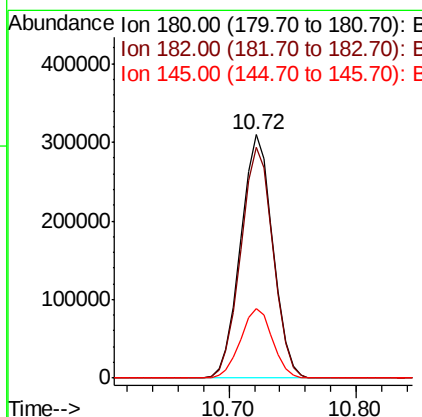
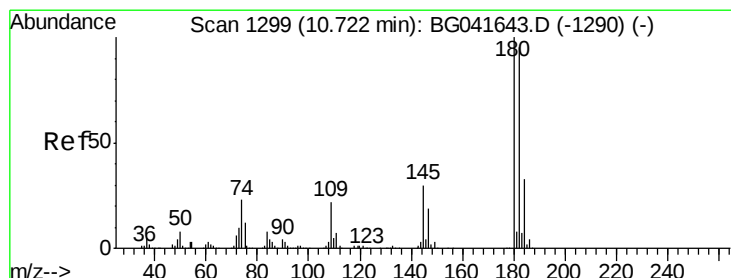
Instrument :
 BNA_G
 ClientSampleId :

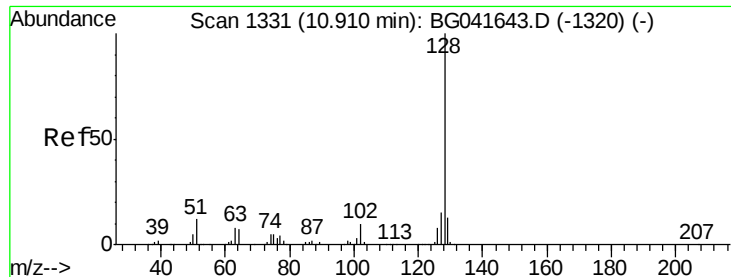
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	46.1	86.1
98	34.0	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 58.901 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BG041645.D
 Acq: 15 Jul 2019 11:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.2
145	28.6	23.8	35.8

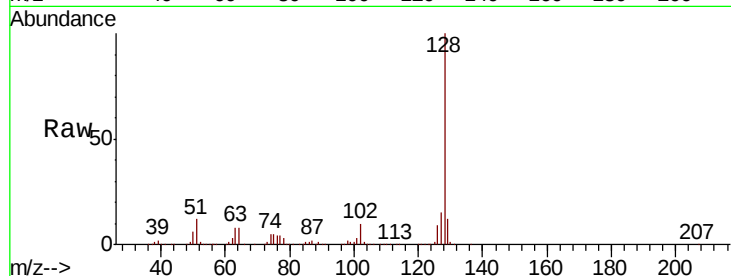




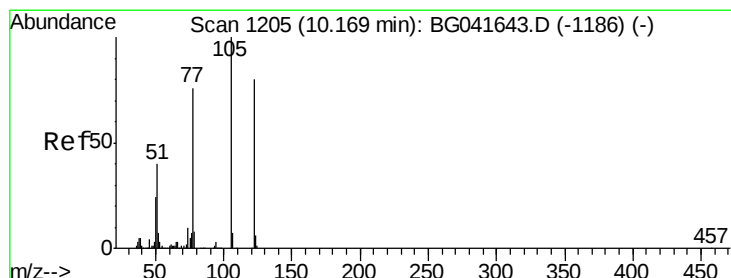
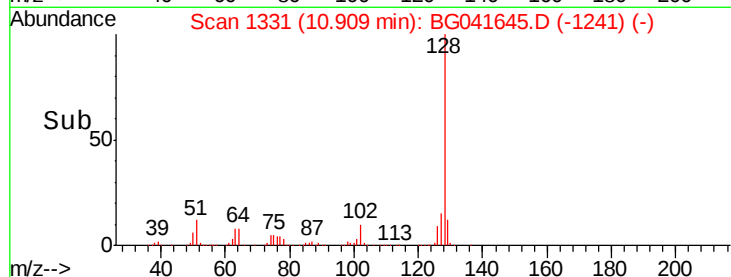
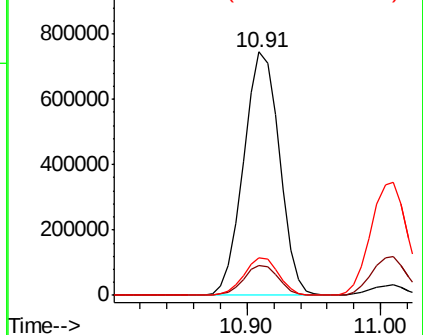
#31
Naphthalene
Concen: 58.494 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 1379187
Ion Ratio Lower Upper
128 100
129 12.3 10.0 15.0
127 15.3 12.3 18.5

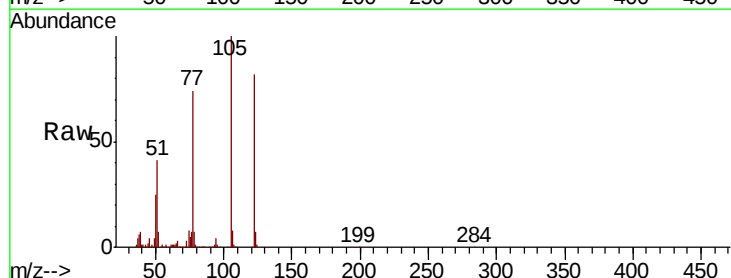


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

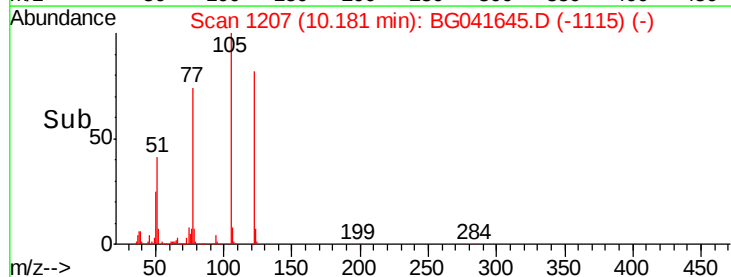
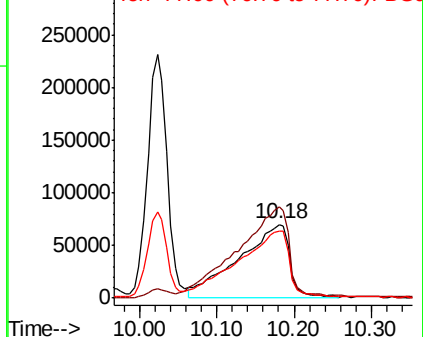


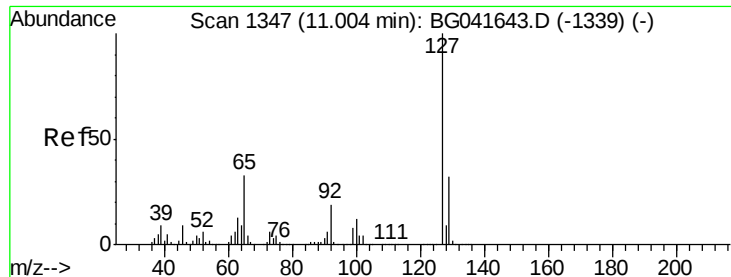
#32
Benzoic acid
Concen: 64.344 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Tgt Ion:122 Resp: 324467
Ion Ratio Lower Upper
122 100
105 122.7 101.5 141.5
77 91.2 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

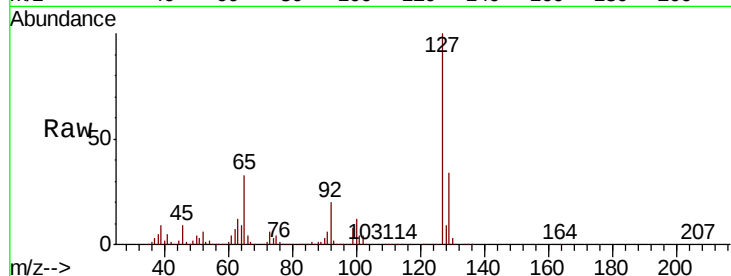




#33
4-Chloroaniline
Concen: 57.465 ng
RT: 11.01 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	651191
Ion	Ratio	Lower Upper
127	100	
129	34.3	25.8 38.8
65	32.8	26.7 40.1
92	19.5	15.4 23.0



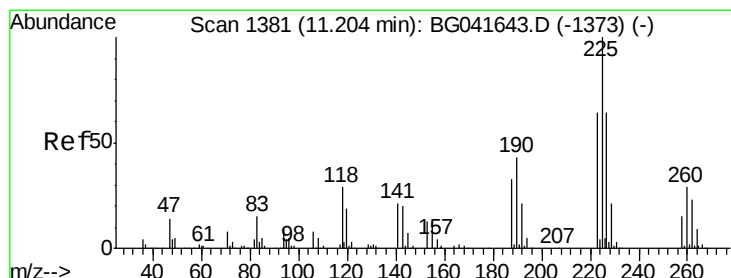
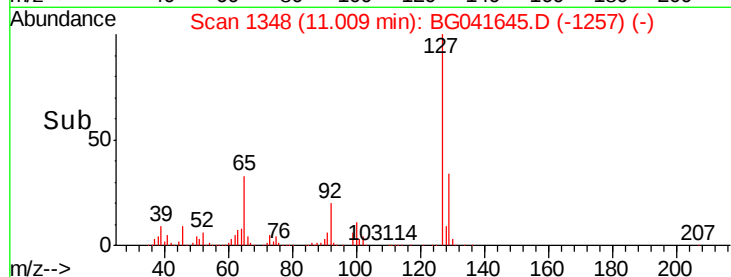
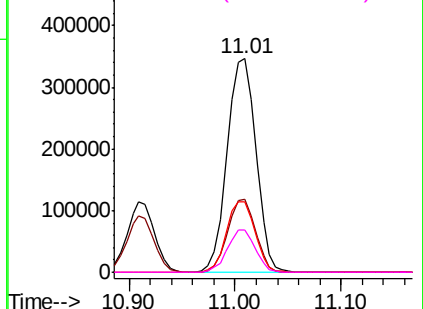
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

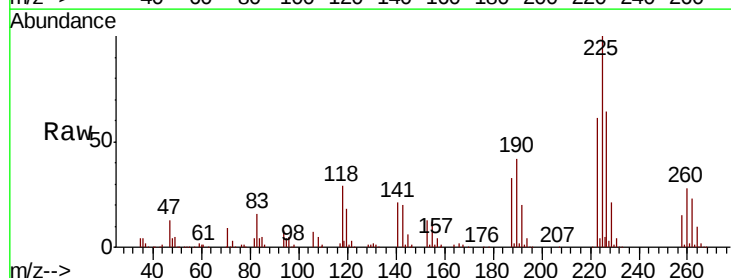
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 58.877 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Tgt Ion:225	Resp:	352567
Ion	Ratio	Lower Upper
225	100	
223	61.4	51.1 76.7
227	63.5	50.9 76.3

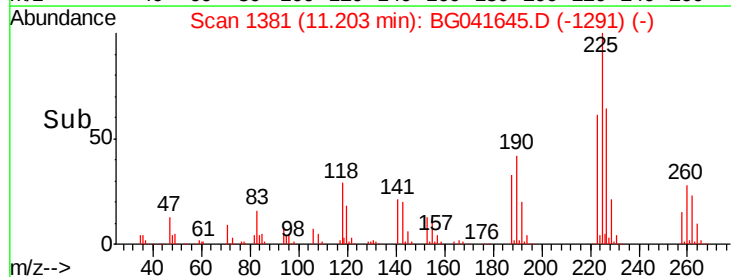
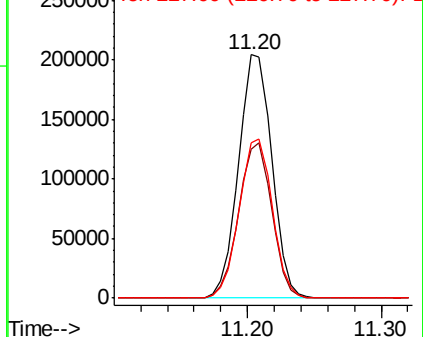


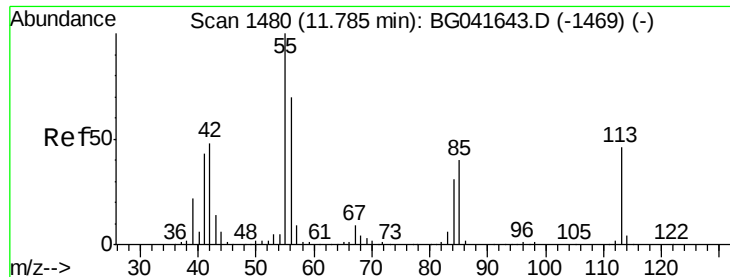
Abundance

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

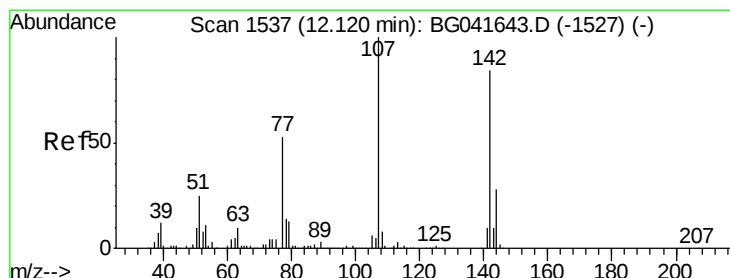
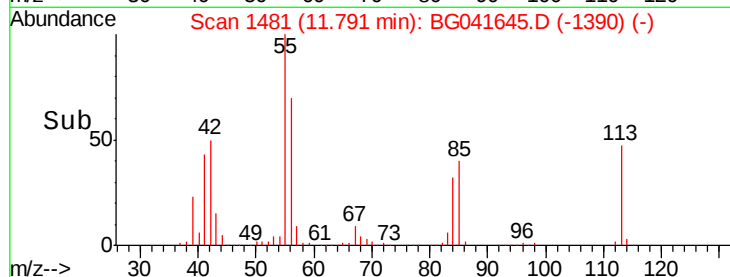
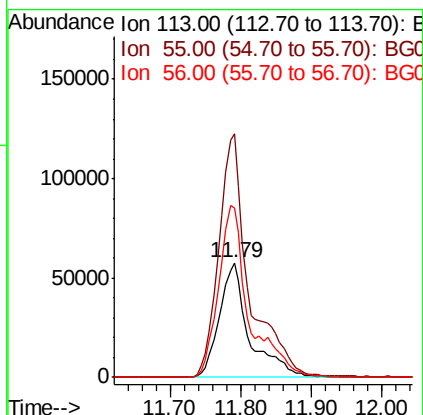
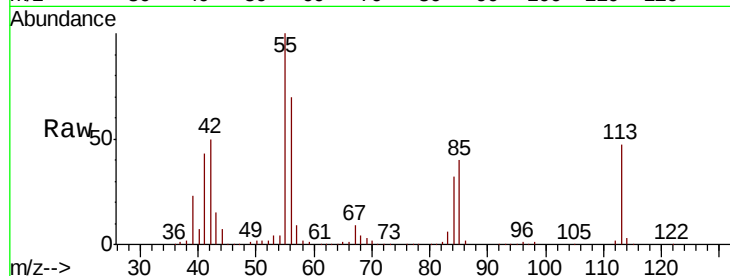




#35
 Caprolactam
 Concen: 56.158 ng
 RT: 11.79 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: BG041645.D
 Acq: 15 Jul 2019 11:04

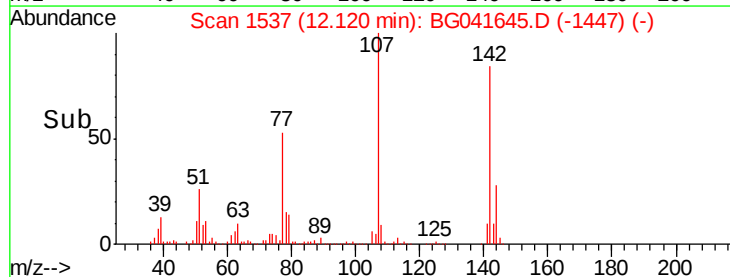
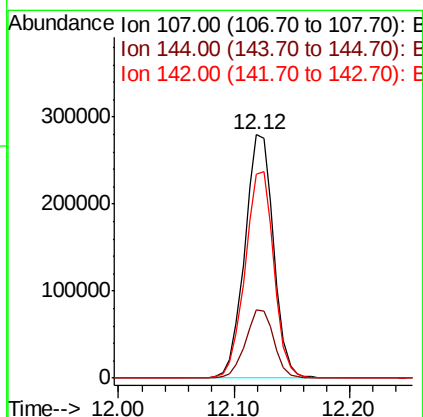
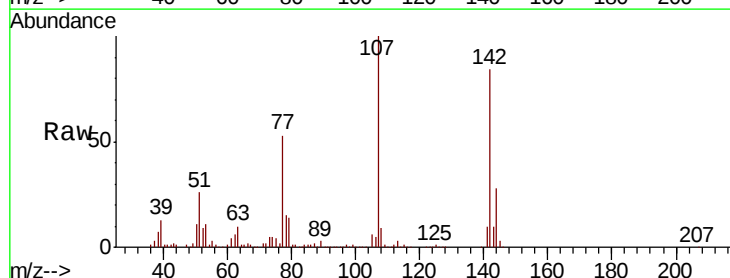
Instrument :
 BNA_G
 ClientSampleId :

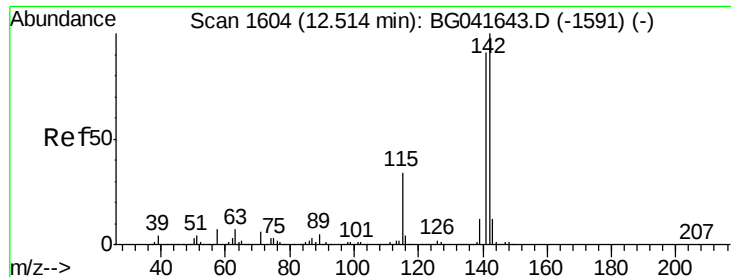
Tot Ion:113 Resp: 169999
 Ion Ratio Lower Upper
 113 100
 55 212.7 199.4 239.4
 56 148.3 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 58.771 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG041645.D
 Acq: 15 Jul 2019 11:04

Tgt Ion:107 Resp: 484992
 Ion Ratio Lower Upper
 107 100
 144 28.0 22.2 33.2
 142 83.7 67.3 100.9

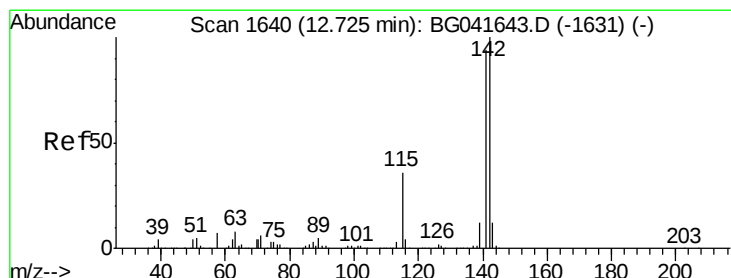
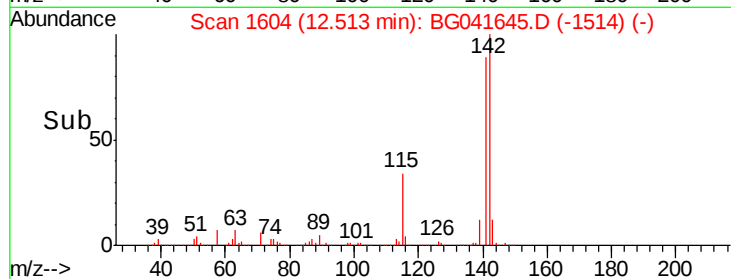
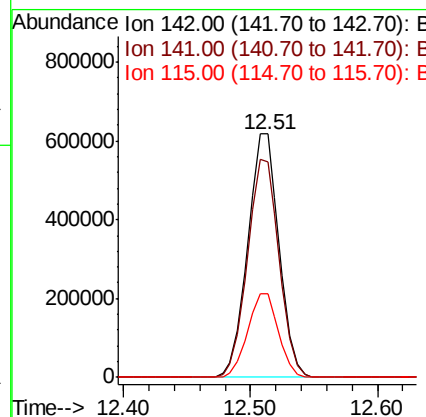
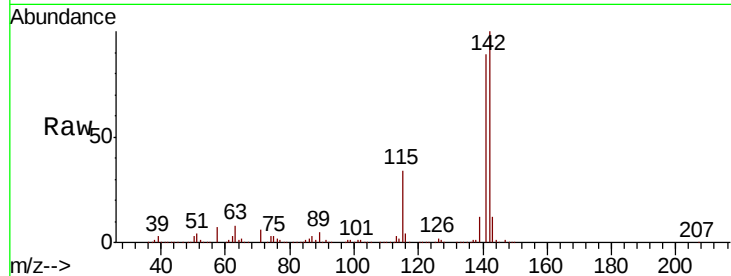




#37
 2-Methylnaphthalene
 Concen: 58.669 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BG041645.D
 Acq: 15 Jul 2019 11:04

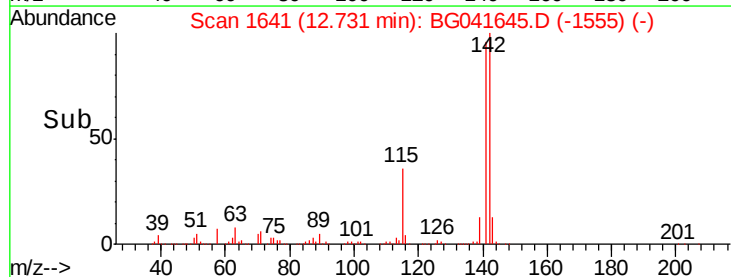
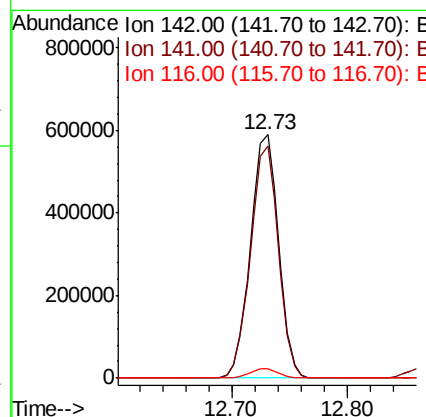
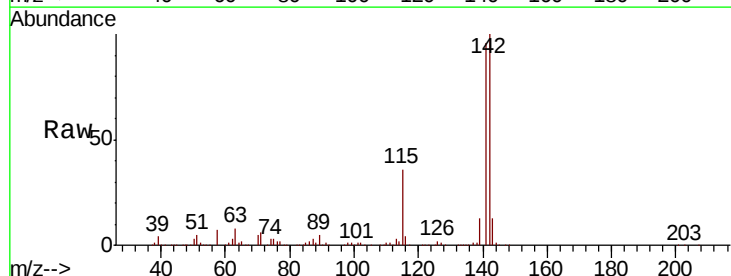
Instrument :
 BNA_G
 ClientSampleId :

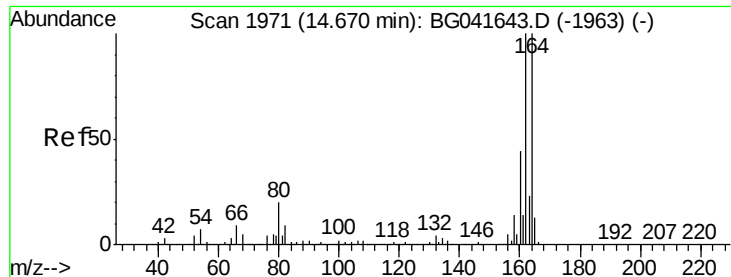
Tot Ion:142 Resp: 1056869
 Ion Ratio Lower Upper
 142 100
 141 88.7 72.7 109.1
 115 34.2 27.0 40.4



#38
 1-Methylnaphthalene
 Concen: 58.527 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BG041645.D
 Acq: 15 Jul 2019 11:04

Tgt Ion:142 Resp: 1000724
 Ion Ratio Lower Upper
 142 100
 141 95.5 75.4 113.2
 116 3.8 3.2 4.8

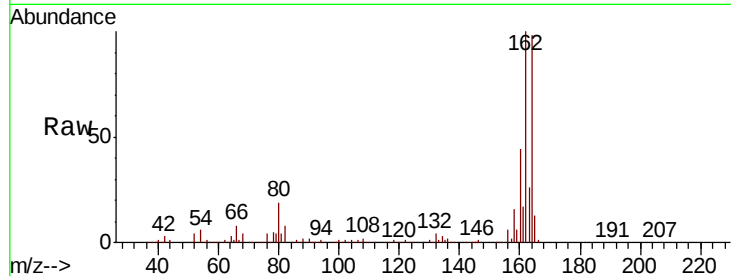




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: BG041645.D
 Acq: 15 Jul 2019 11:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	79.6	119.4
160	45.3	35.4	53.0

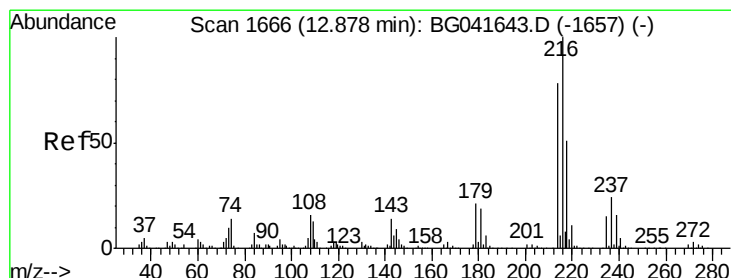
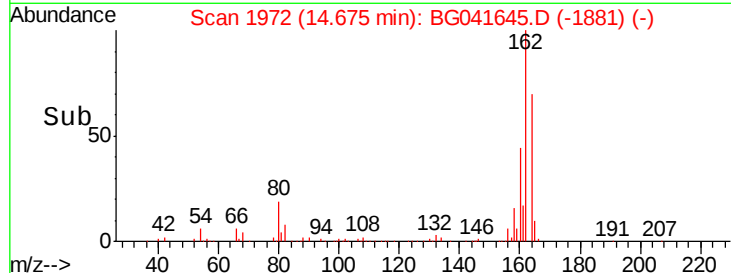
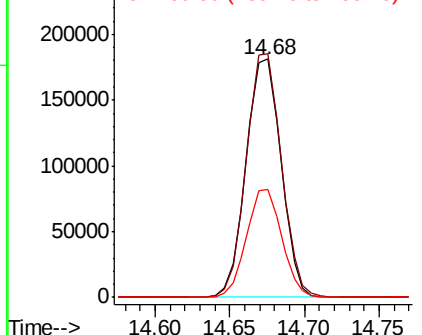


Abundance

Ion 164.00 (163.70 to 164.70): E

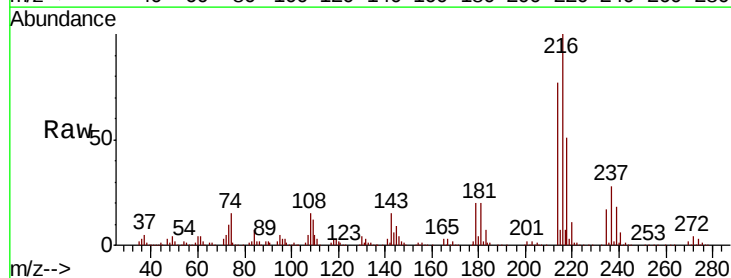
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 59.146 ng
 RT: 12.88 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BG041645.D
 Acq: 15 Jul 2019 11:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.2	61.5	92.3
179	19.9	16.2	24.2
108	16.3	13.2	19.8



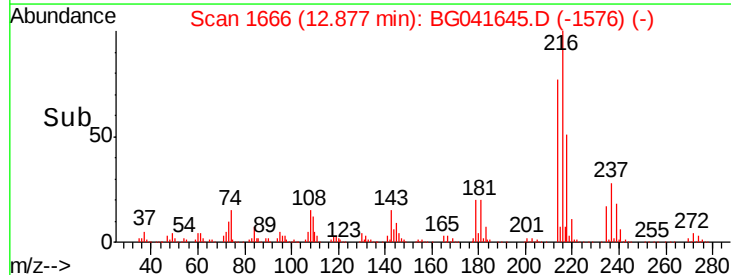
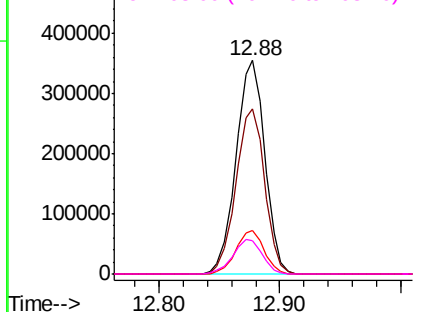
Abundance

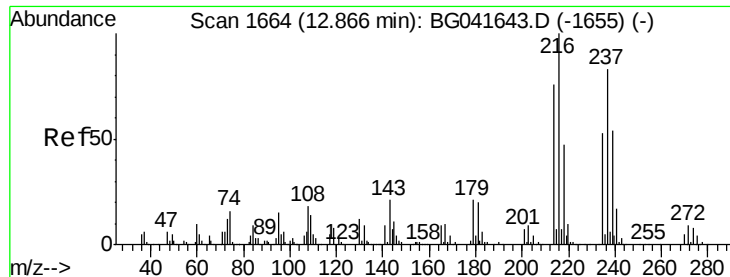
Ion 216.00 (215.70 to 216.70): E

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: 57.884 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Instrument :

BNA_G

ClientSampled :

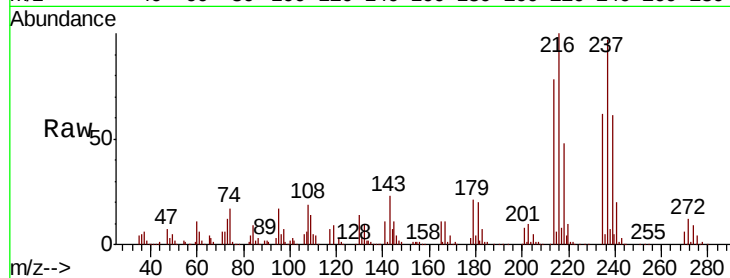
Tot Ion:237 Resp: 353490

Ion Ratio Lower Upper

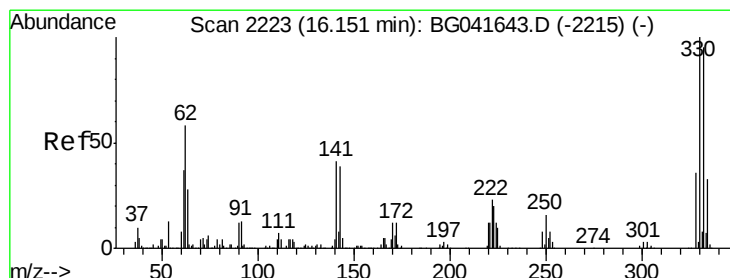
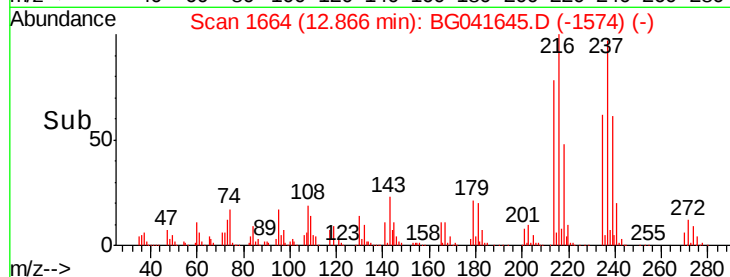
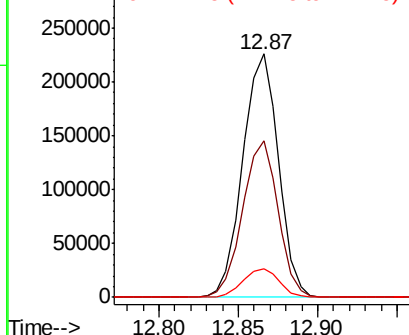
237 100

235 64.2 43.5 83.5

272 11.9 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: 119.463 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

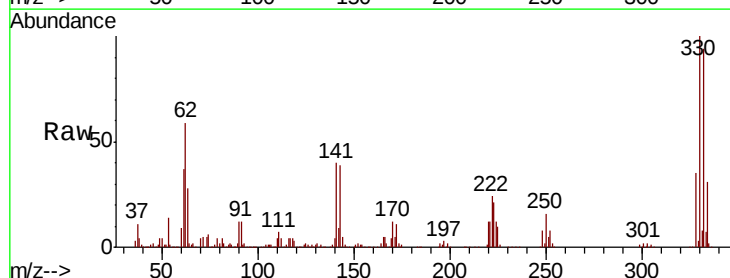
Tgt Ion:330 Resp: 401832

Ion Ratio Lower Upper

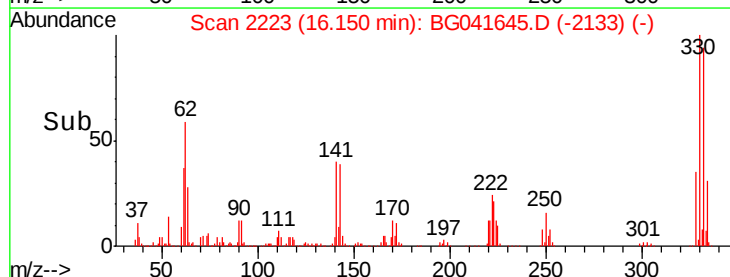
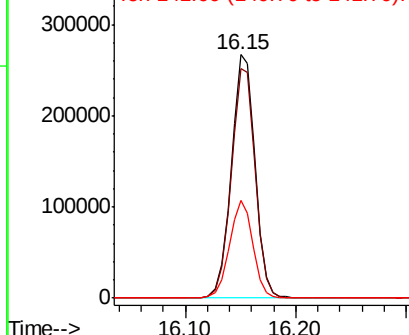
330 100

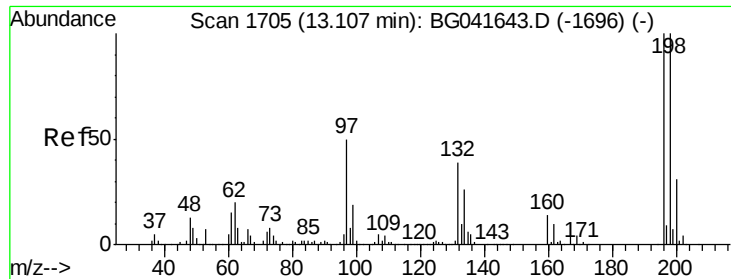
332 95.1 77.4 116.0

141 39.4 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

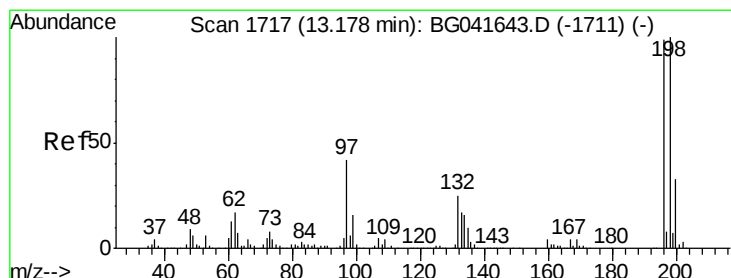
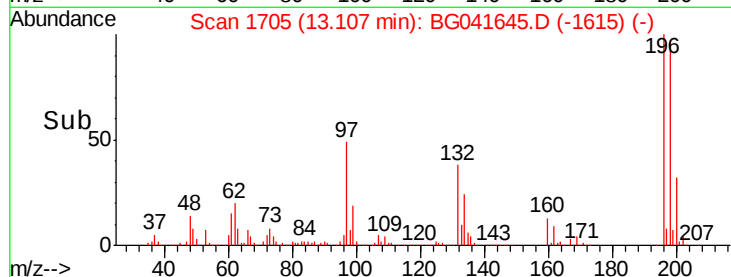
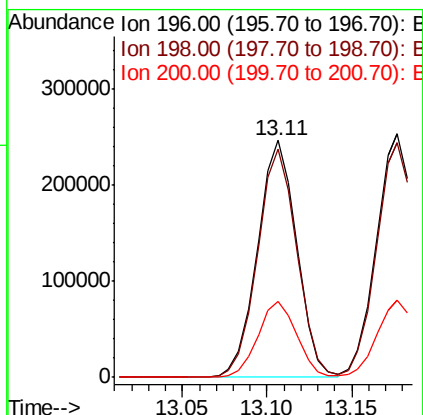
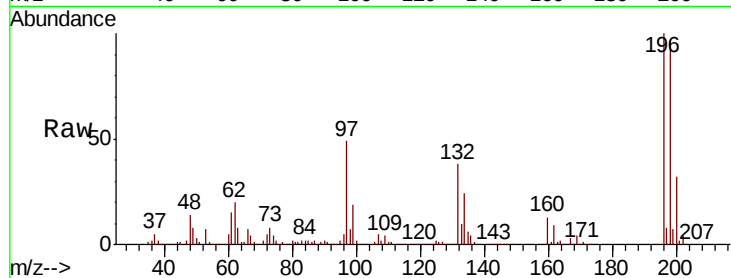




#43
 2,4,6-Trichlorophenol
 Concen: 60.518 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG041645.D
 Acq: 15 Jul 2019 11:04

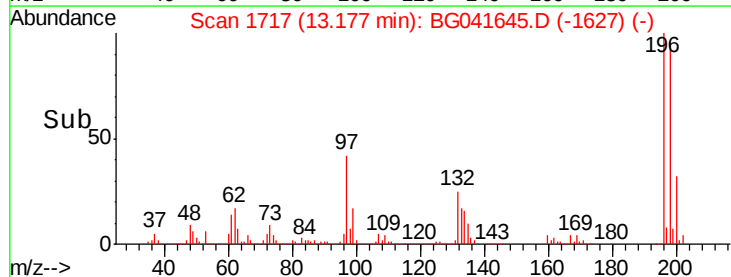
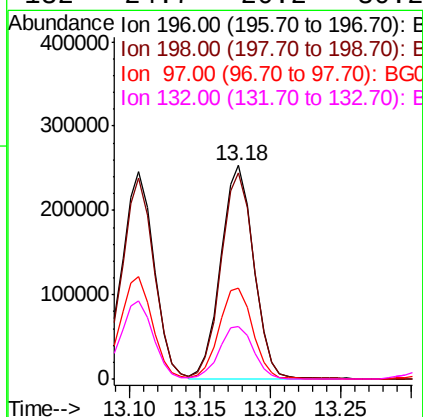
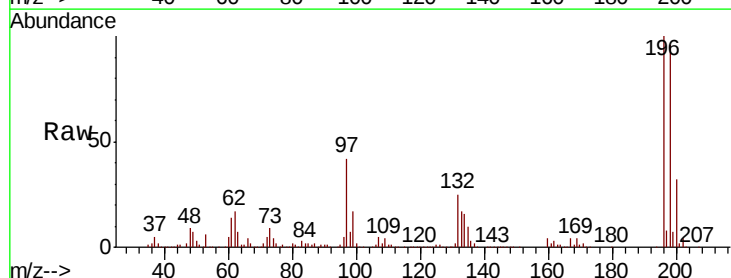
Instrument :
 BNA_G
 ClientSampleId :

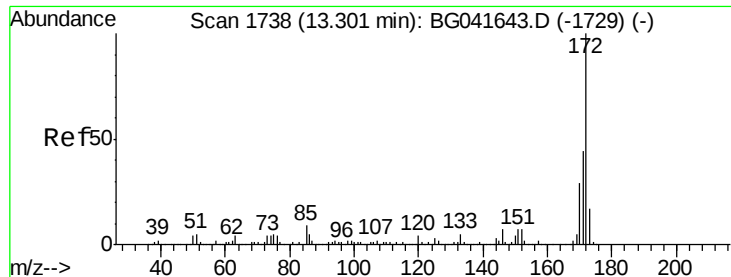
Tot Ion:196 Resp: 395993
 Ion Ratio Lower Upper
 196 100
 198 96.6 79.6 119.4
 200 32.2 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 61.310 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG041645.D
 Acq: 15 Jul 2019 11:04

Tgt Ion:196 Resp: 409702
 Ion Ratio Lower Upper
 196 100
 198 96.3 80.6 121.0
 97 42.3 33.9 50.9
 132 24.7 20.2 30.2

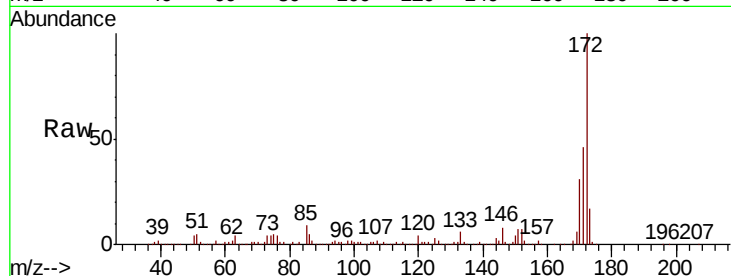




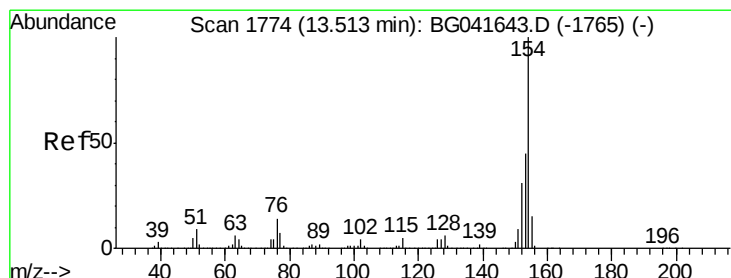
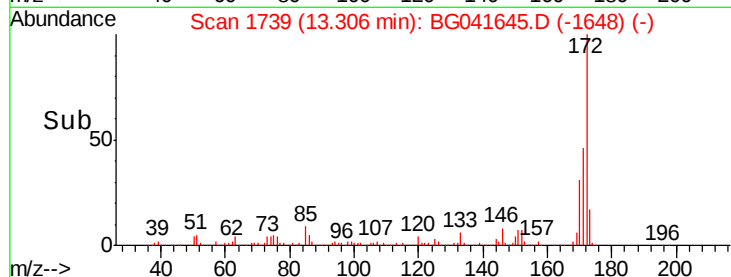
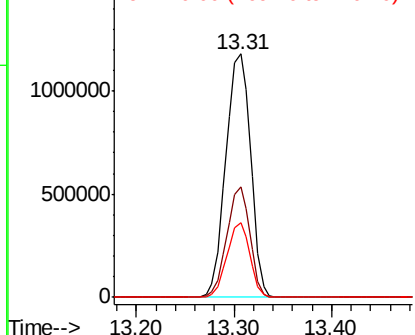
#45
2-Fluorobiphenyl
Concen: 111.110 ng
RT: 13.31 min Scan# 1739
Delta R.T. 0.01 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 2078853
Ion Ratio Lower Upper
172 100
171 45.6 35.0 52.4
170 30.7 23.5 35.3

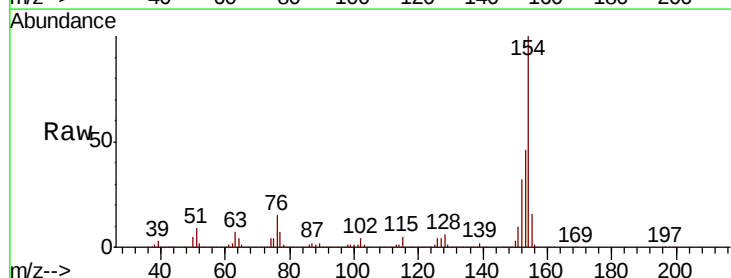


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

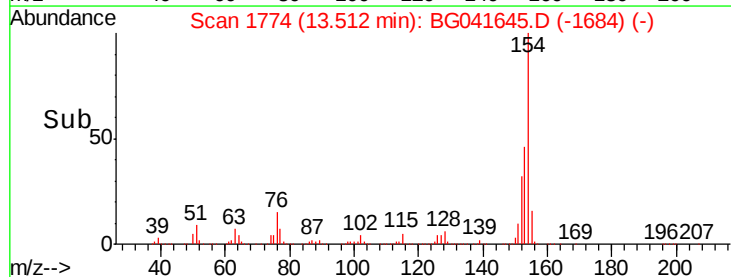
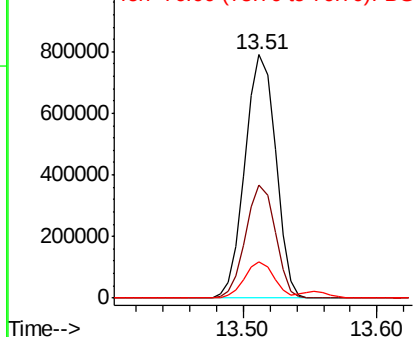


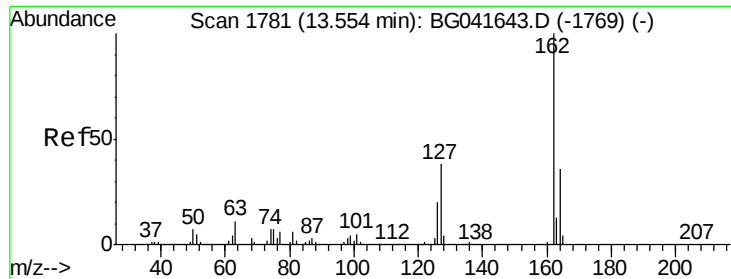
#46
1,1'-Biphenyl
Concen: 57.756 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Tgt Ion:154 Resp: 1255371
Ion Ratio Lower Upper
154 100
153 46.4 25.0 65.0
76 15.1 0.0 34.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

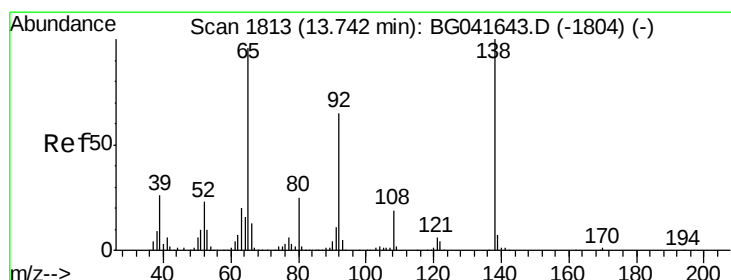
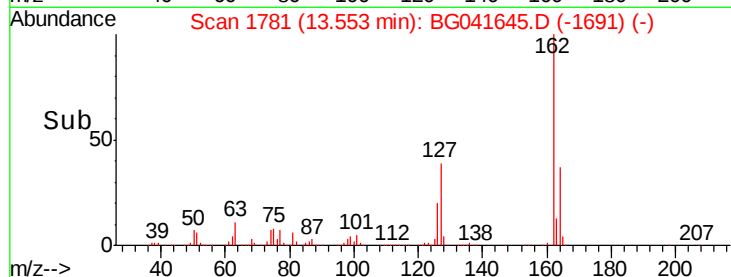
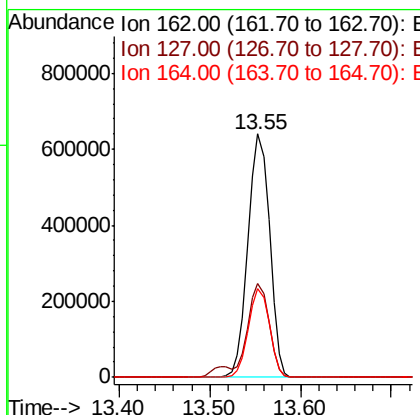
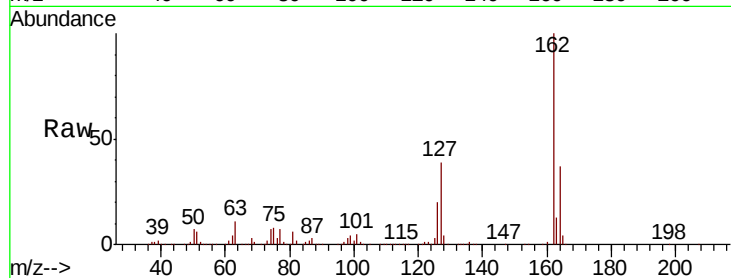




#47
 2-Chloronaphthalene
 Concen: 58.692 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG041645.D
 Acq: 15 Jul 2019 11:04

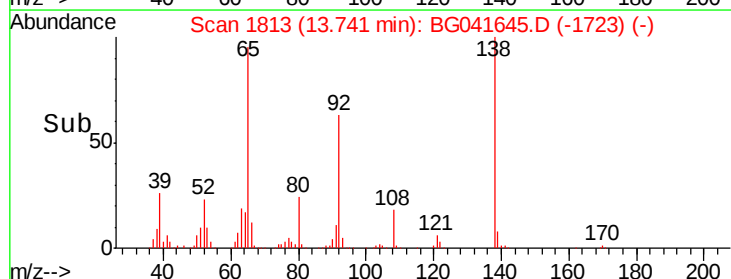
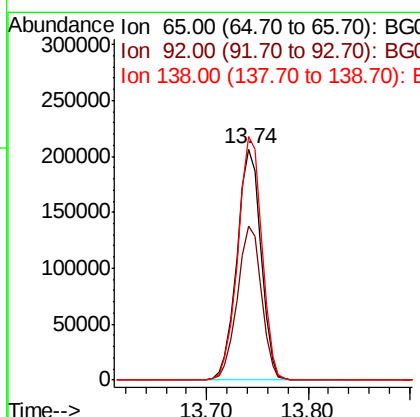
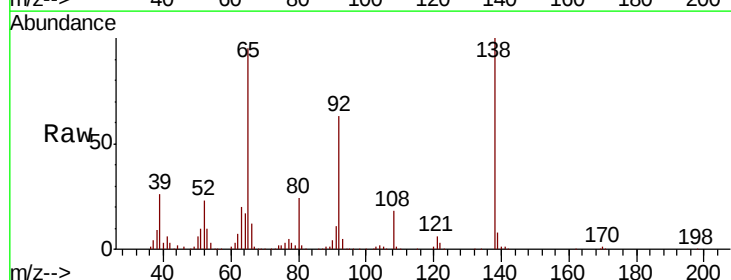
Instrument :
 BNA_G
 ClientSampleId :

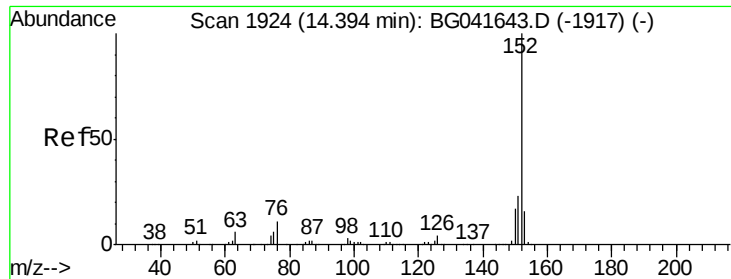
Tot Ion:162 Resp: 1062453
 Ion Ratio Lower Upper
 162 100
 127 38.6 30.4 45.6
 164 36.6 28.6 42.8



#48
 2-Nitroaniline
 Concen: 68.077 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: BG041645.D
 Acq: 15 Jul 2019 11:04

Tgt Ion: 65 Resp: 341074
 Ion Ratio Lower Upper
 65 100
 92 66.5 53.9 80.9
 138 105.3 83.5 125.3





#49

Acenaphthylene

Concen: 58.531 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Instrument :

BNA_G

ClientSampleId :

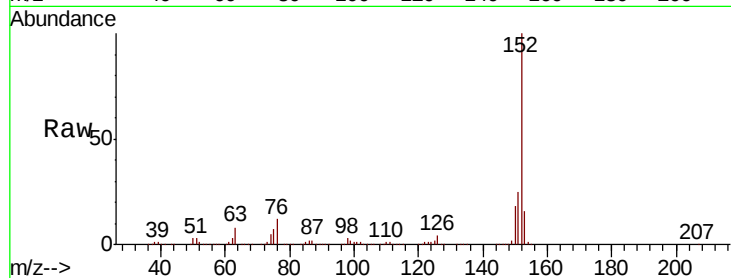
Tot Ion:152 Resp: 1613608

Ion Ratio Lower Upper

152 100

151 24.5 18.7 28.1

153 15.9 12.4 18.6

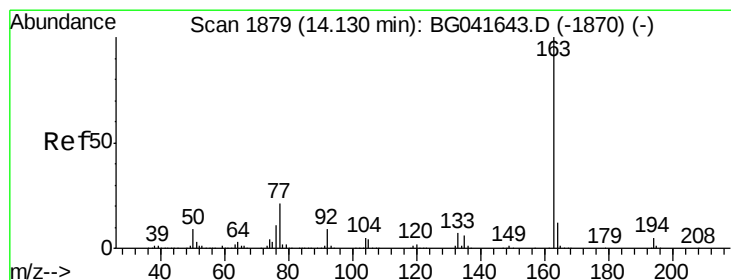
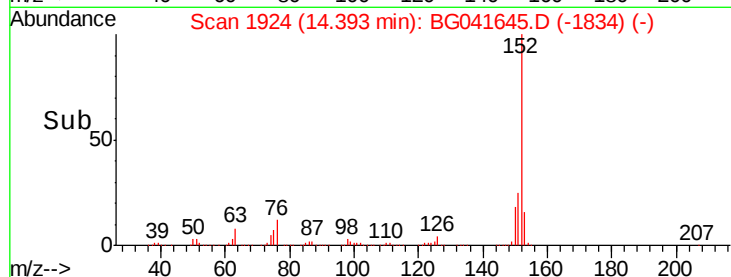
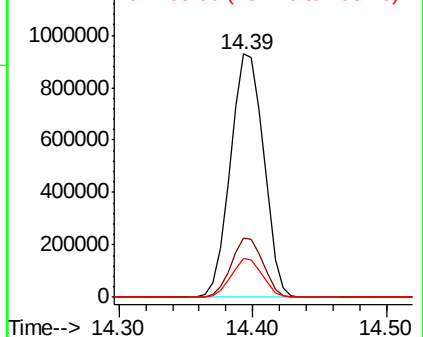


Abundance

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: 56.993 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

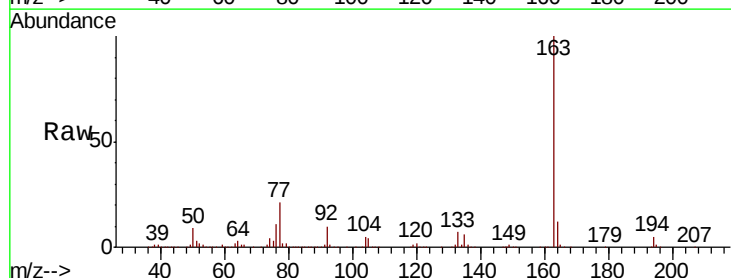
Tgt Ion:163 Resp: 1313564

Ion Ratio Lower Upper

163 100

194 5.3 4.2 6.2

164 12.0 9.4 14.2

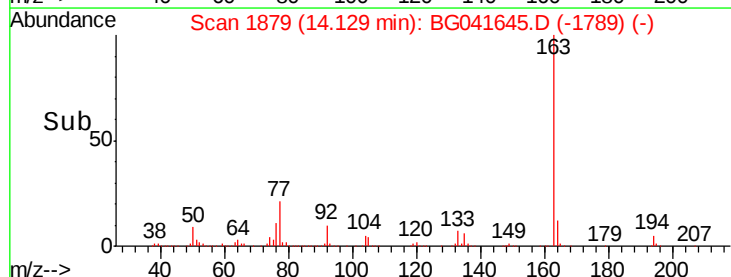
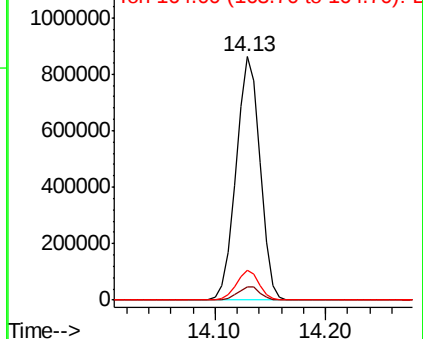


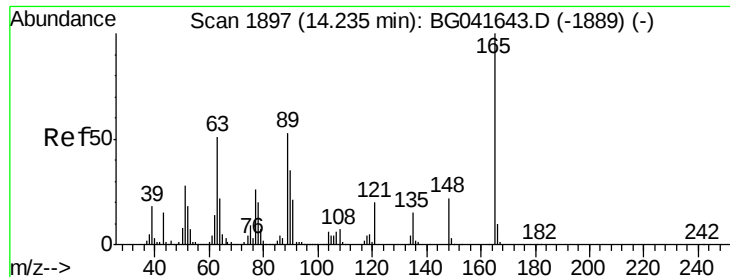
Abundance

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

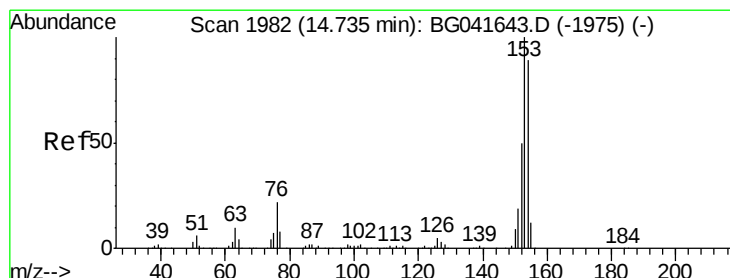
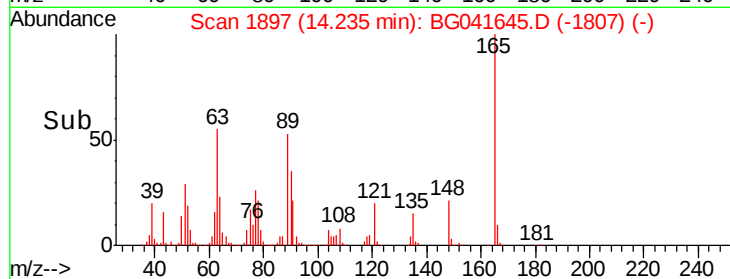
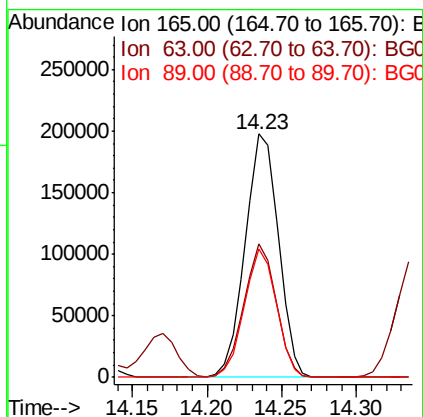
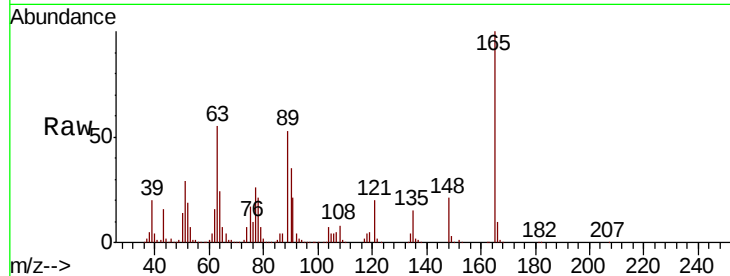




#51
 2,6-Dinitrotoluene
 Concen: 66.222 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: BG041645.D
 Acq: 15 Jul 2019 11:04

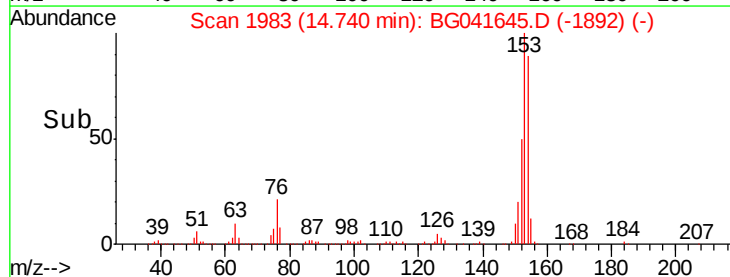
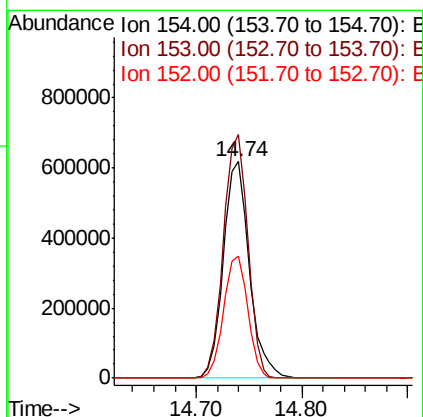
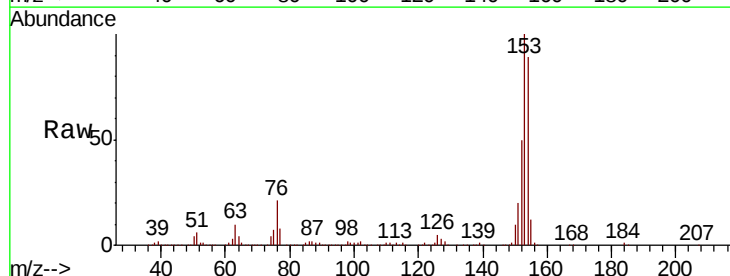
Instrument :
 BNA_G
 ClientSampled :

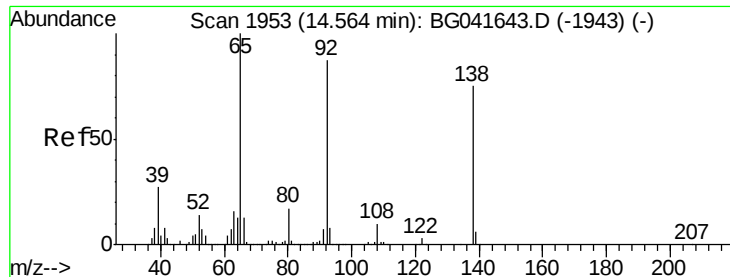
Tot Ion:165 Resp: 304462
 Ion Ratio Lower Upper
 165 100
 63 54.7 42.4 63.6
 89 52.9 42.1 63.1



#52
 Acenaphthene
 Concen: 59.667 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: BG041645.D
 Acq: 15 Jul 2019 11:04

Tgt Ion:154 Resp: 1054493
 Ion Ratio Lower Upper
 154 100
 153 112.6 89.8 134.6
 152 56.2 44.9 67.3

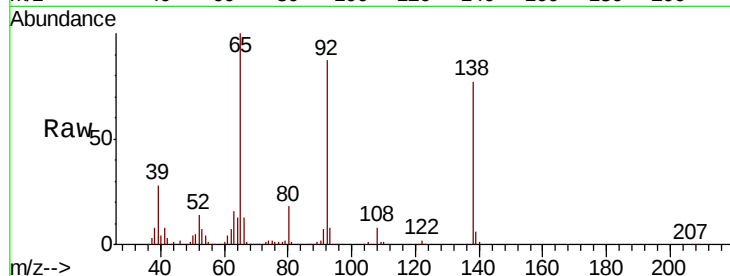




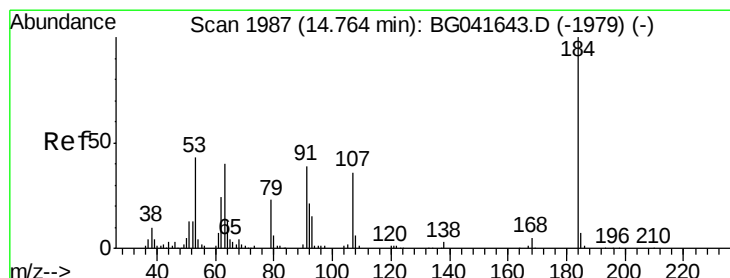
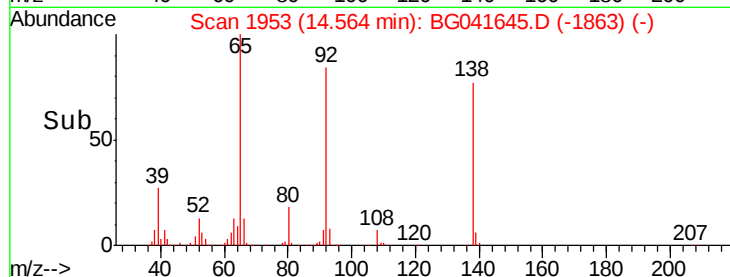
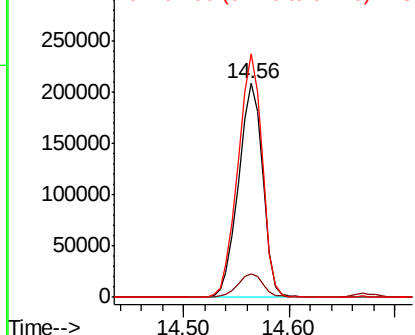
#53
3-Nitroaniline
Concen: 64.256 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	10.3	15.5
92	113.8	93.0	139.4

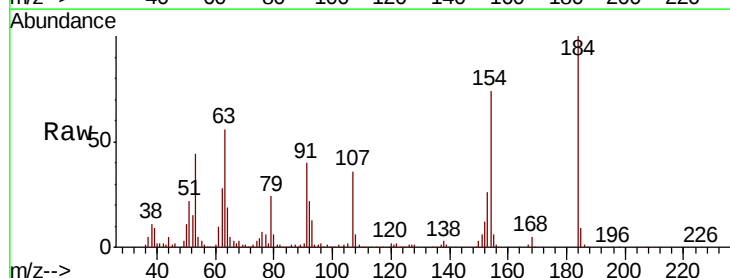


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

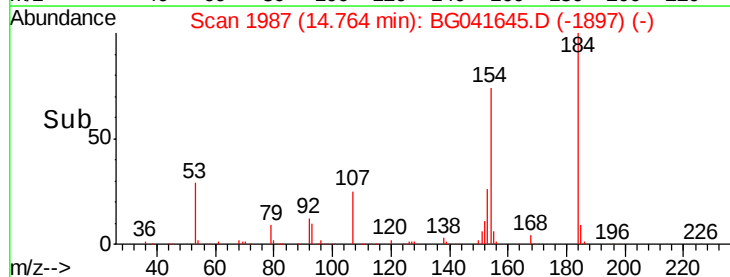
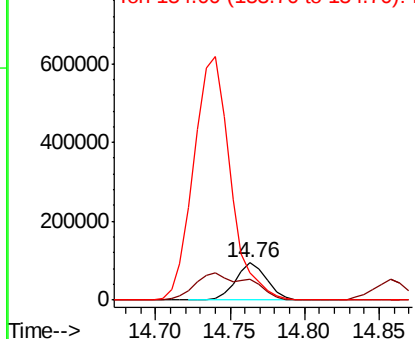


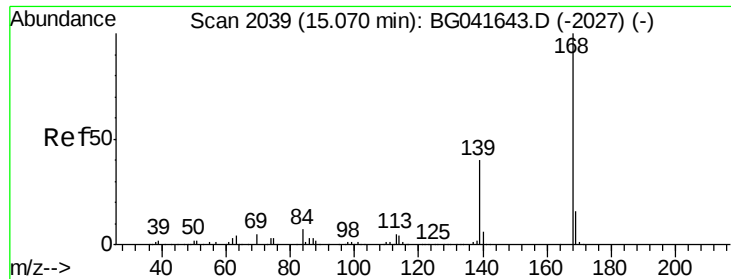
#54
2,4-Dinitrophenol
Concen: 66.261 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.5	43.2	64.8
154	74.1	51.4	77.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

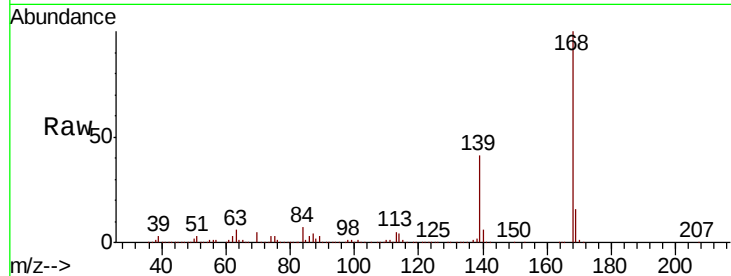




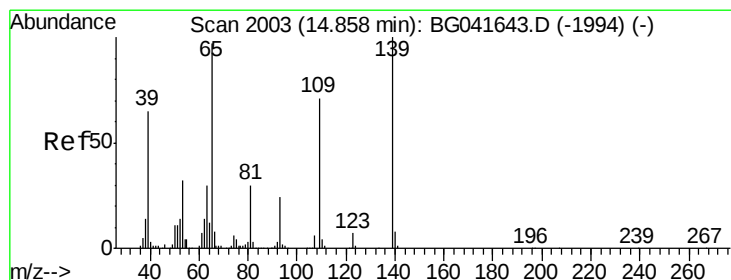
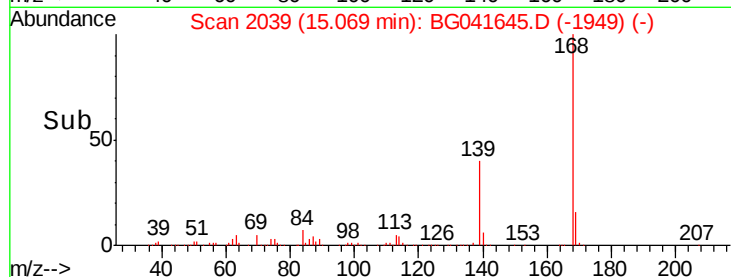
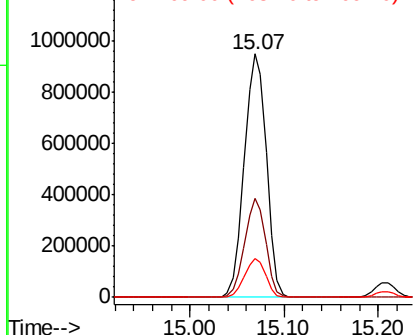
#55
Dibenzofuran
Concen: 57.968 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 1534636
Ion Ratio Lower Upper
168 100
139 40.8 31.9 47.9
169 16.0 12.5 18.7

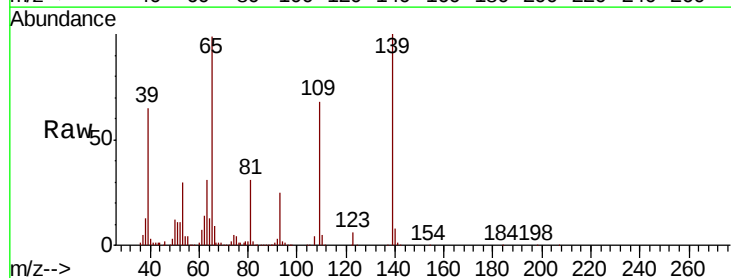


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

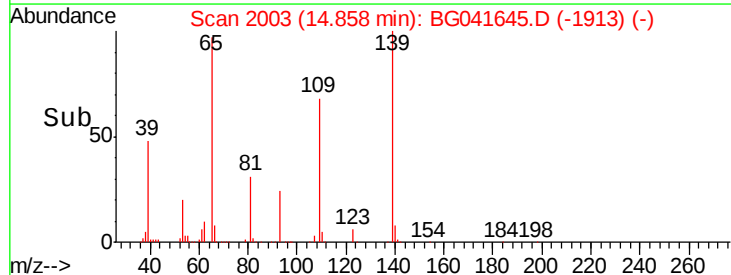
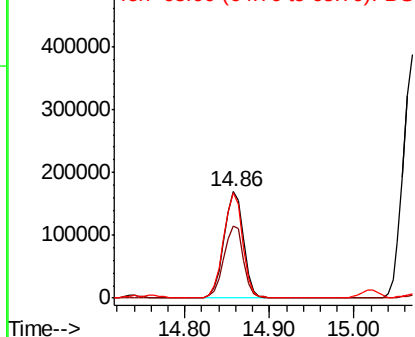


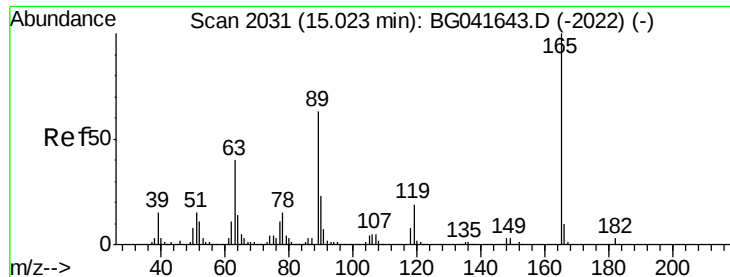
#56
4-Nitrophenol
Concen: 66.061 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Tgt Ion:139 Resp: 270912
Ion Ratio Lower Upper
139 100
109 67.8 51.3 91.3
65 99.4 77.6 117.6



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

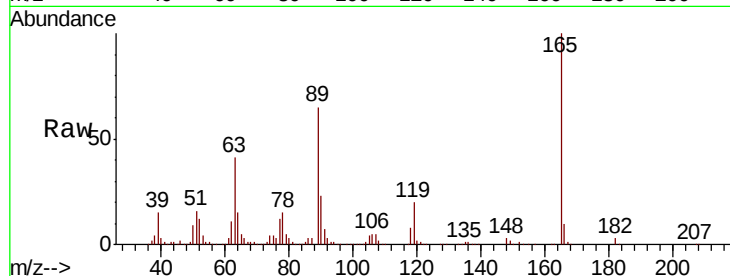




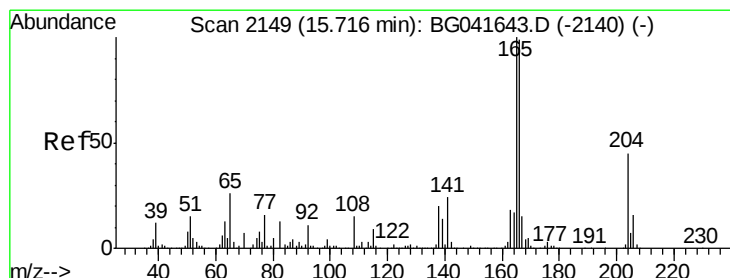
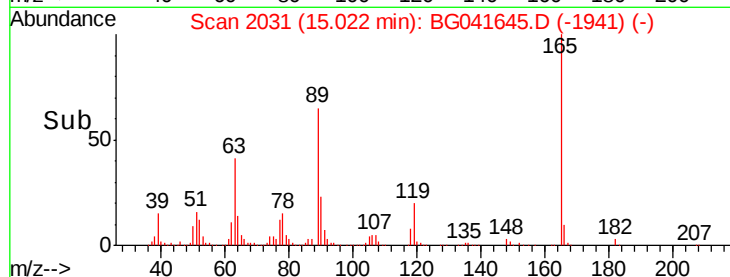
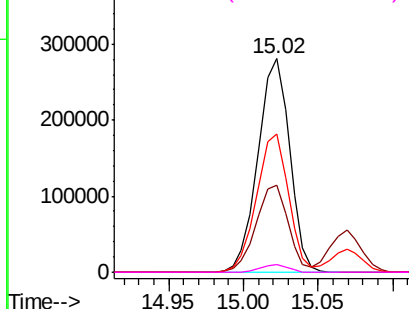
#57
2,4-Dinitrotoluene
Concen: 68.248 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 412726
Ion Ratio Lower Upper
165 100
63 40.7 31.7 47.5
89 64.9 50.2 75.4
182 3.4 2.6 4.0

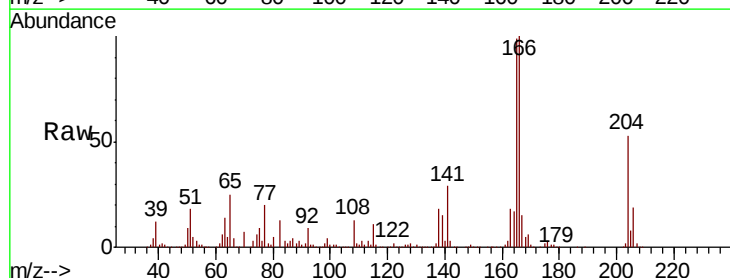


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

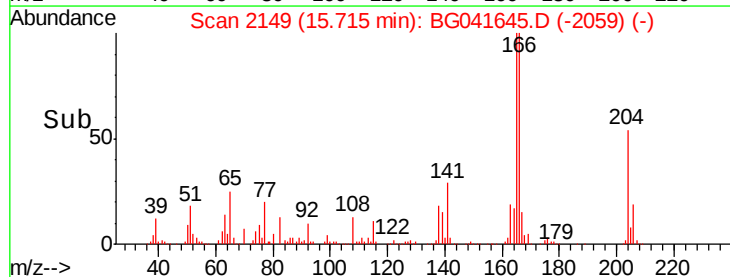
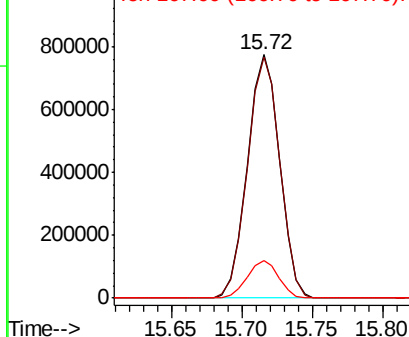


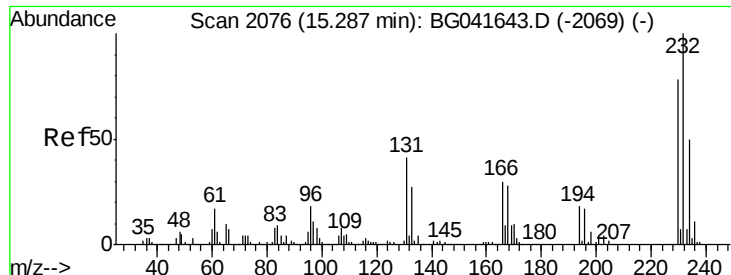
#58
Fluorene
Concen: 57.754 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Tgt Ion:166 Resp: 1239742
Ion Ratio Lower Upper
166 100
165 99.0 80.5 120.7
167 15.2 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

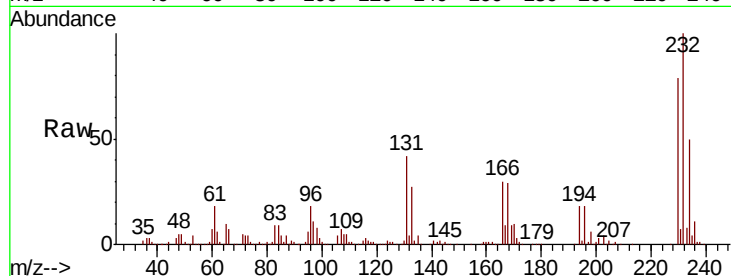




#59
2,3,4,6-Tetrachlorophenol
Concen: 60.337 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.0	31.8	47.6
130	2.4	1.8	2.8
166	29.4	23.5	35.3



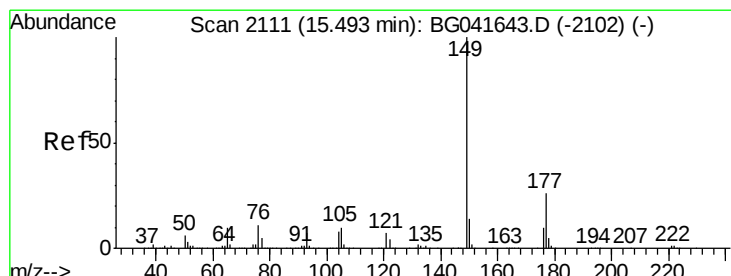
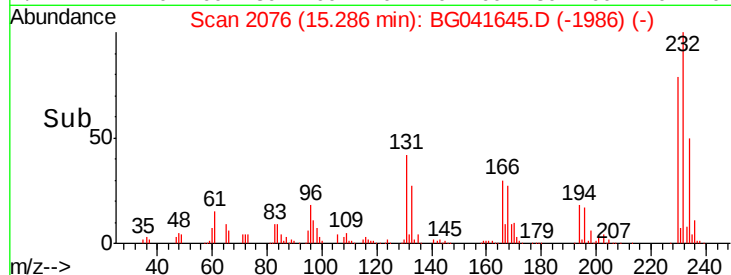
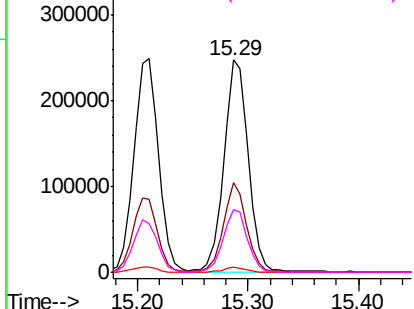
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

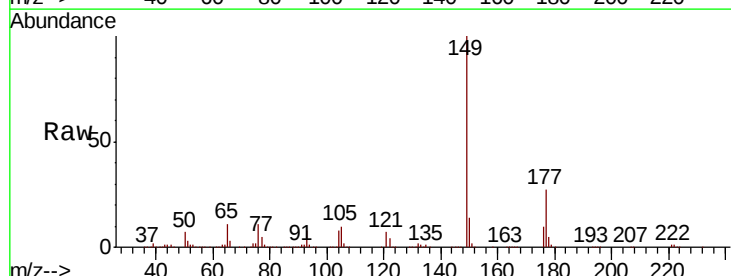
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 56.500 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.6	20.7	31.1
150	14.4	11.5	17.3

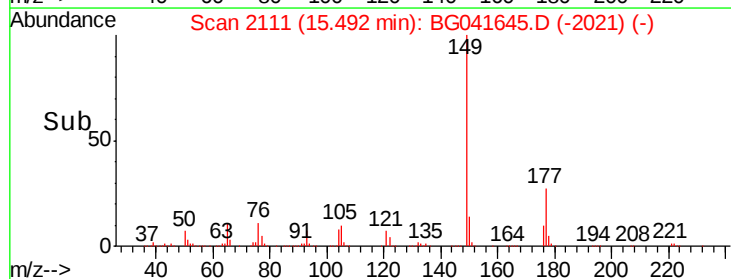
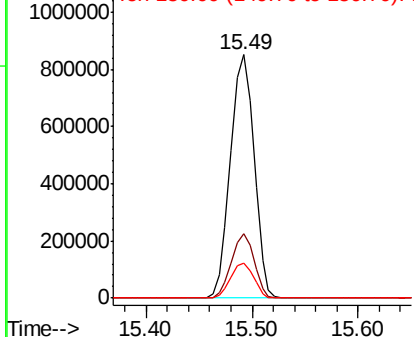


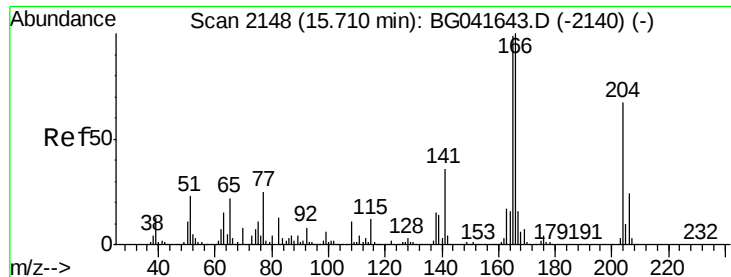
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

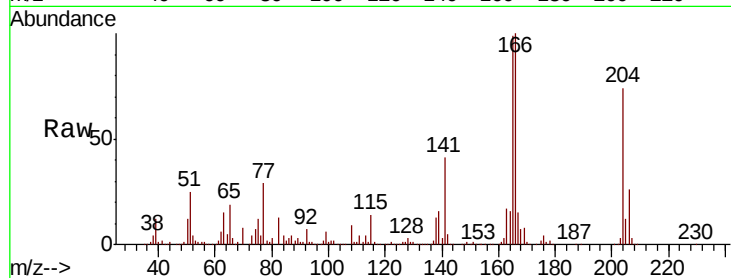




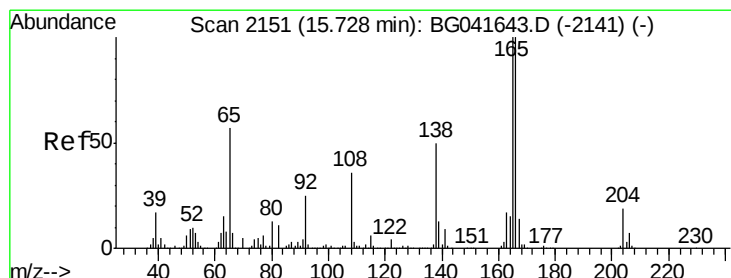
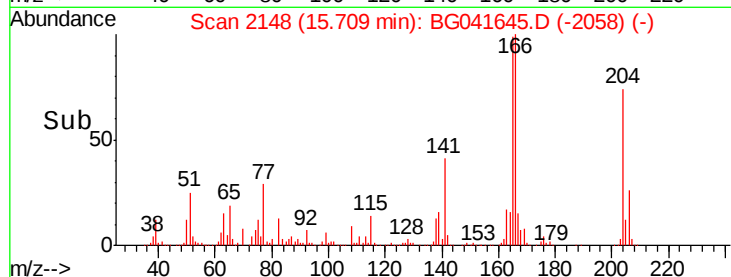
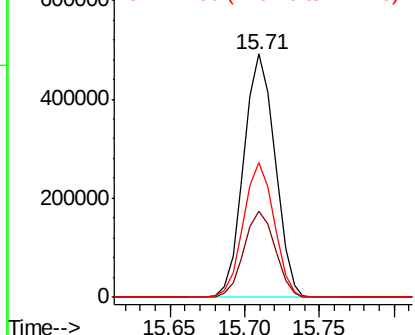
#61
4-Chlorophenyl-phenylether
Concen: 58.095 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 714594
Ion Ratio Lower Upper
204 100
206 35.6 28.6 42.8
141 55.5 42.9 64.3

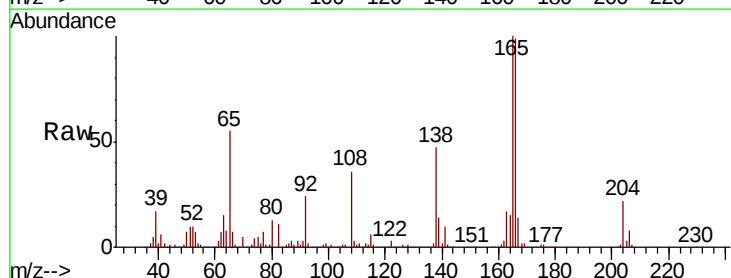


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

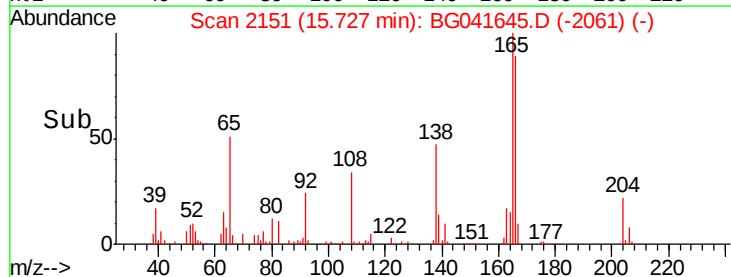
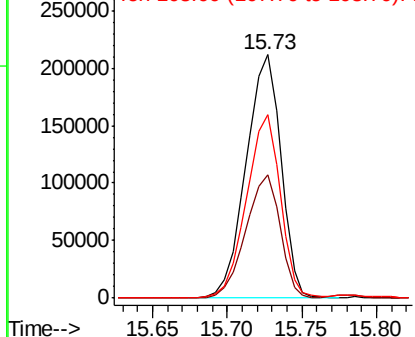


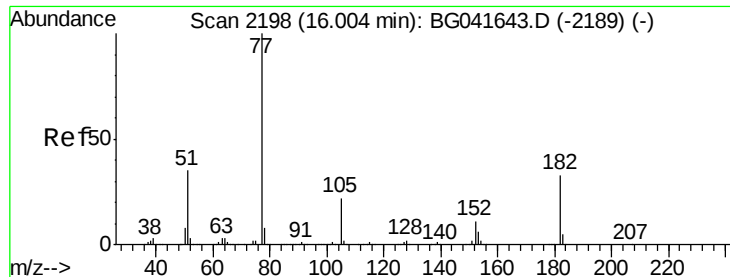
#62
4-Nitroaniline
Concen: 62.541 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Tgt Ion:138 Resp: 342080
Ion Ratio Lower Upper
138 100
92 50.4 29.8 69.8
108 75.2 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: 58.336 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1196700

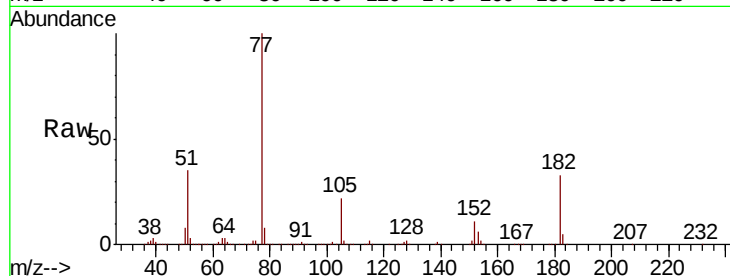
Ion	Ratio	Lower	Upper
77	100		
182	33.0	13.2	53.2
105	22.4	2.2	42.2
51	35.4	14.6	54.6

77 100

182 33.0 13.2 53.2

105 22.4 2.2 42.2

51 35.4 14.6 54.6

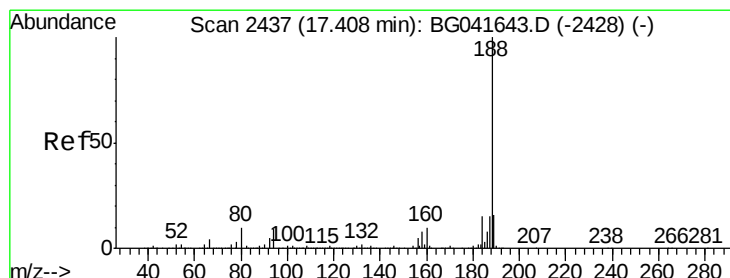
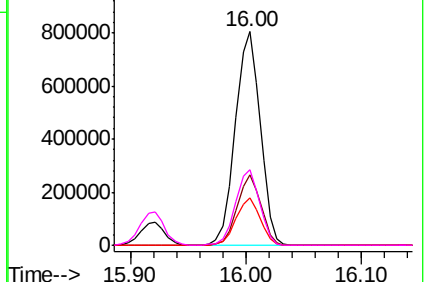
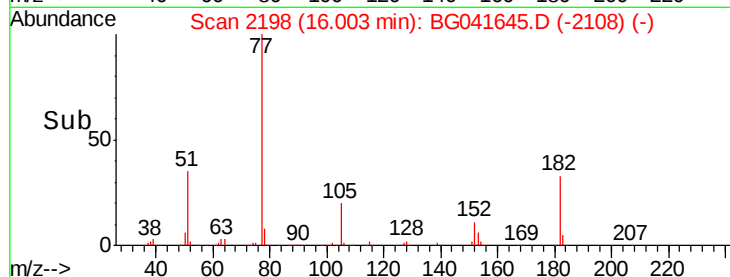


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG041645.D

Acq: 15 Jul 2019 11:04

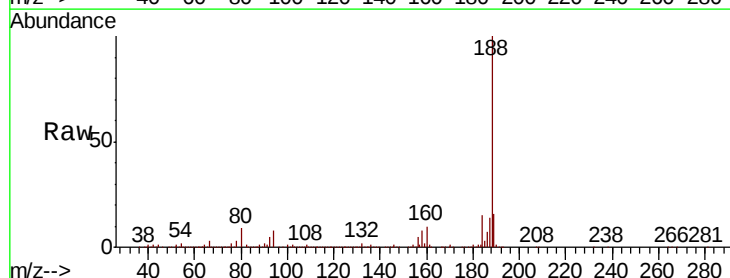
Tgt Ion: 188 Resp: 672364

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	9.3	8.0	12.0

188 100

94 8.5 6.9 10.3

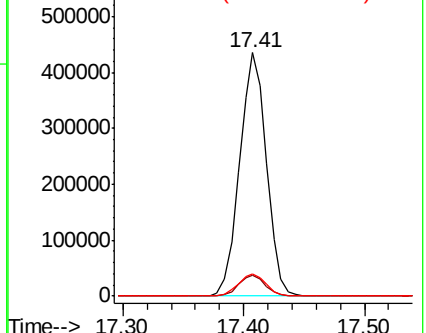
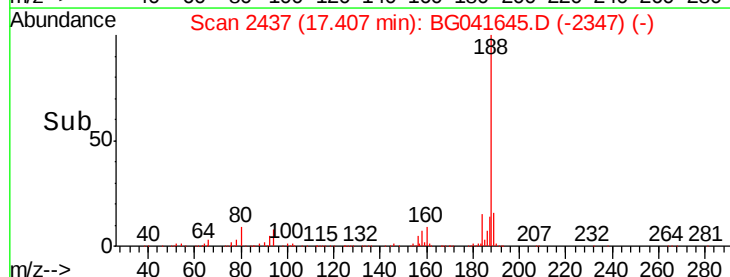
80 9.3 8.0 12.0

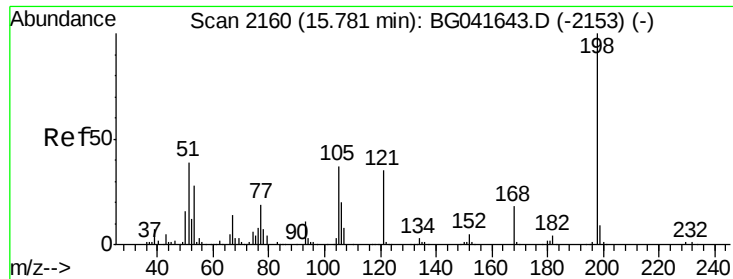


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 66.126 ng

RT: 15.79 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Instrument :

BNA_G

ClientSampleId :

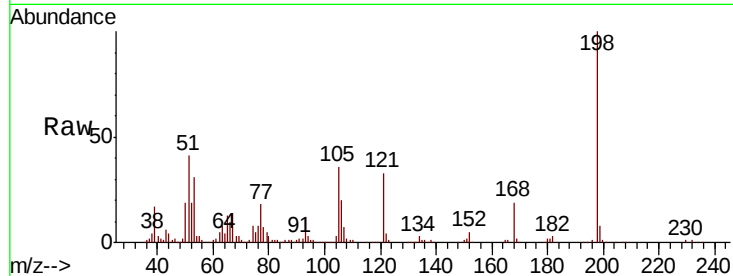
Tot Ion:198 Resp: 193002

Ion Ratio Lower Upper

198 100

51 40.6 22.3 62.3

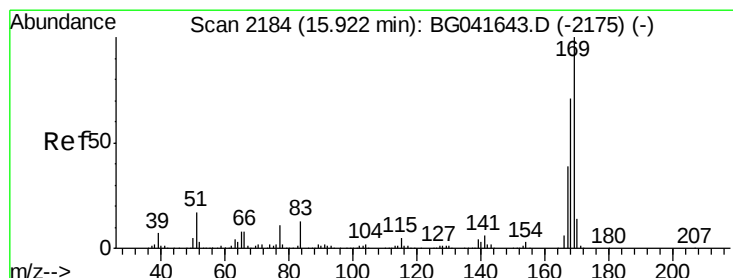
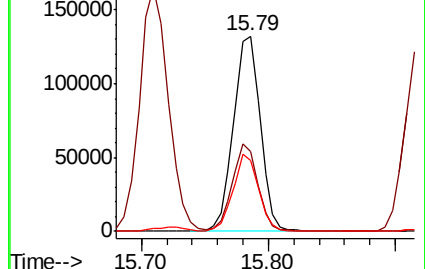
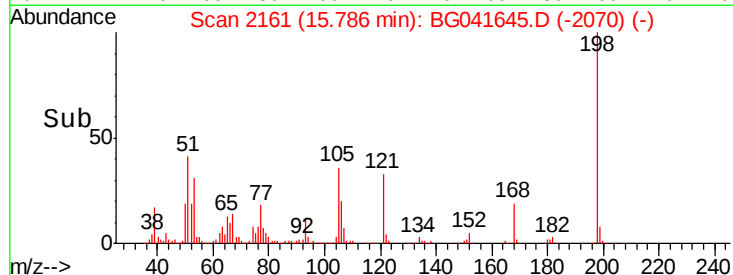
105 36.1 18.0 58.0



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: 56.390 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

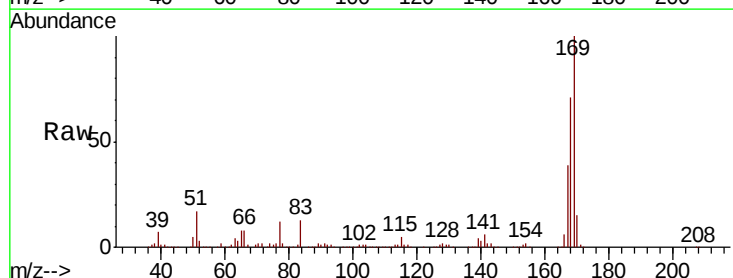
Tgt Ion:169 Resp: 1147658

Ion Ratio Lower Upper

169 100

168 71.0 56.9 85.3

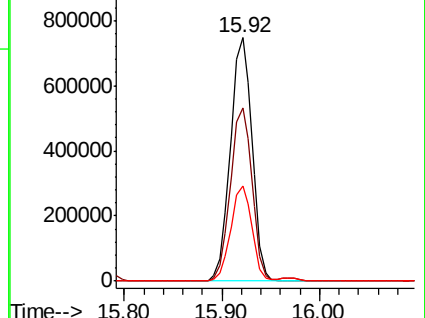
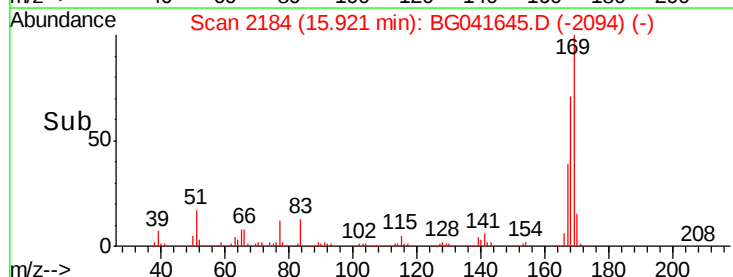
167 39.2 31.5 47.3

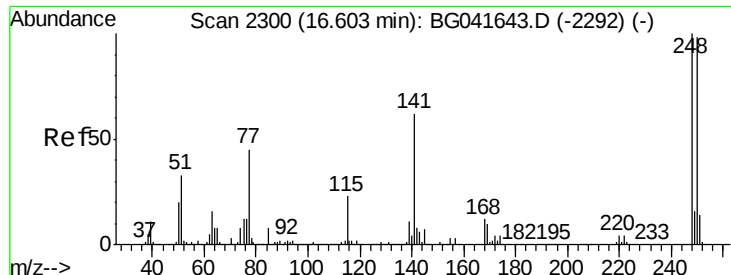


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

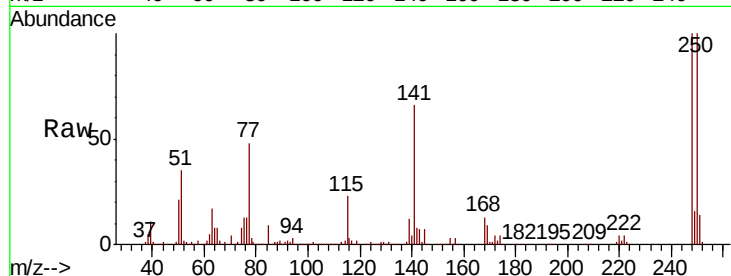




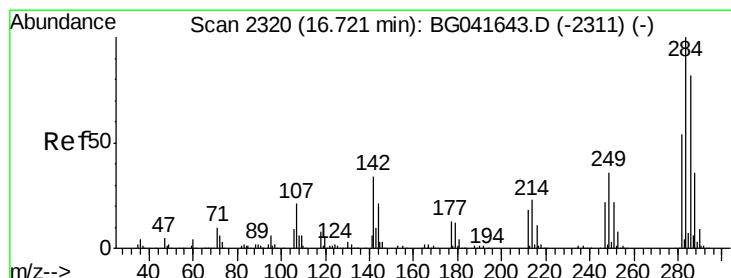
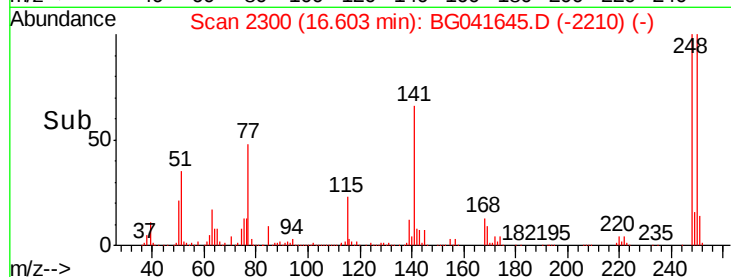
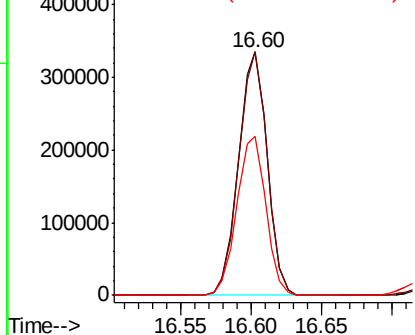
#67
 4-Bromophenyl-phenylether
 Concen: 57.097 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG041645.D
 Acq: 15 Jul 2019 11:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 474558
 Ion Ratio Lower Upper
 248 100
 250 100.0 78.1 117.1
 141 65.6 49.6 74.4

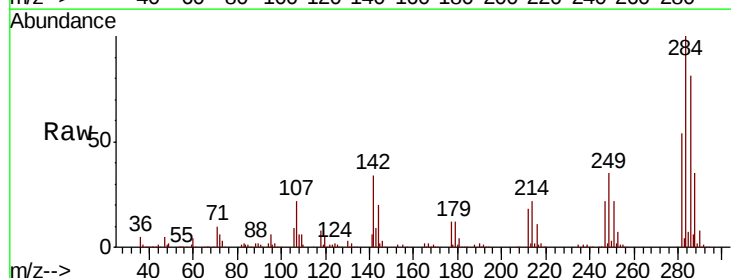


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

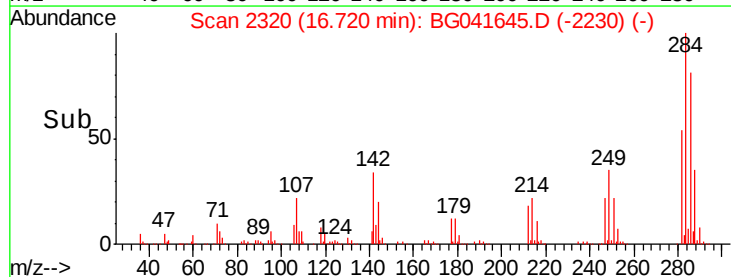
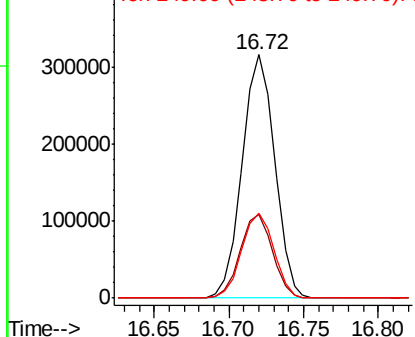


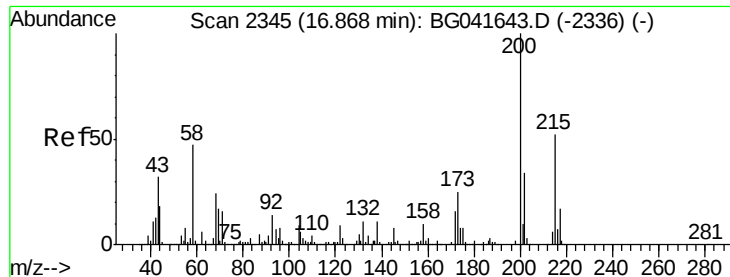
#68
 Hexachlorobenzene
 Concen: 56.694 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BG041645.D
 Acq: 15 Jul 2019 11:04

Tgt Ion:284 Resp: 476606
 Ion Ratio Lower Upper
 284 100
 142 34.2 27.0 40.6
 249 34.6 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: 59.753 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Instrument :

BNA_G

ClientSampleId :

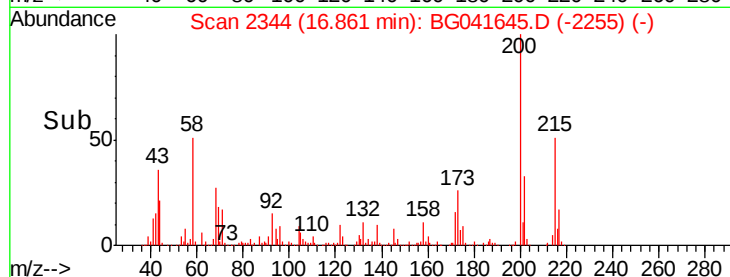
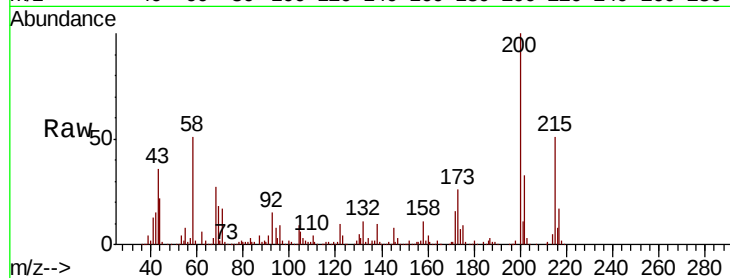
Tot Ion:200 Resp: 363815

Ion Ratio Lower Upper

200 100

173 25.6 5.3 45.3

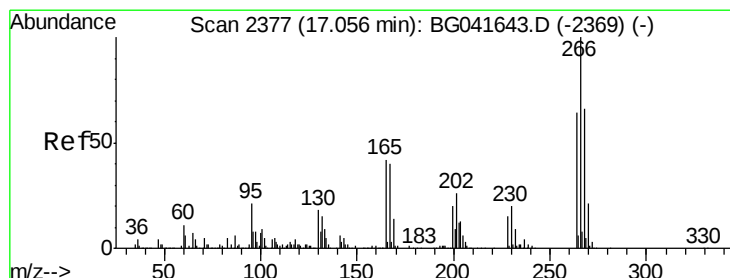
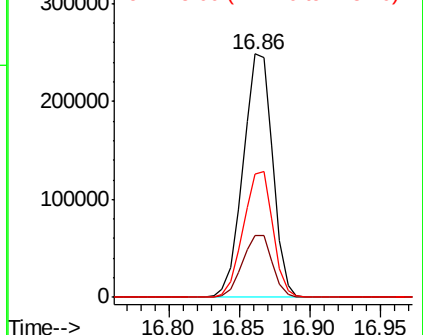
215 50.8 31.8 71.8



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: 60.016 ng

RT: 17.05 min Scan# 2377

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

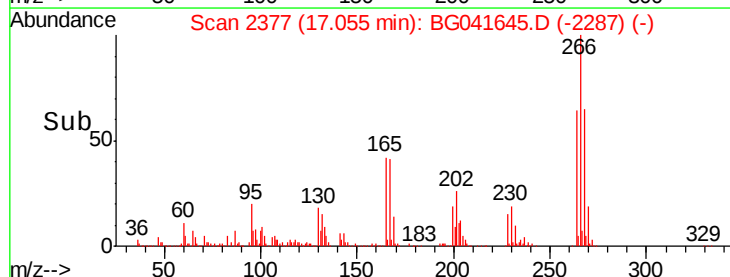
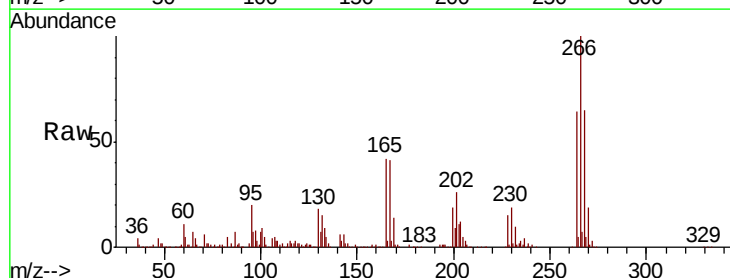
Tgt Ion:266 Resp: 313350

Ion Ratio Lower Upper

266 100

268 65.2 52.9 79.3

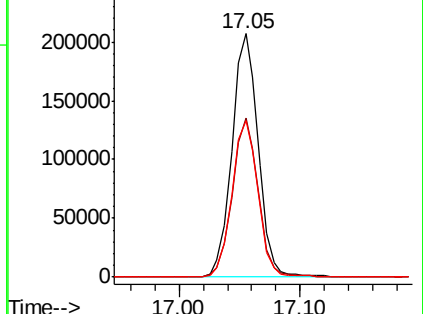
264 64.4 51.4 77.2

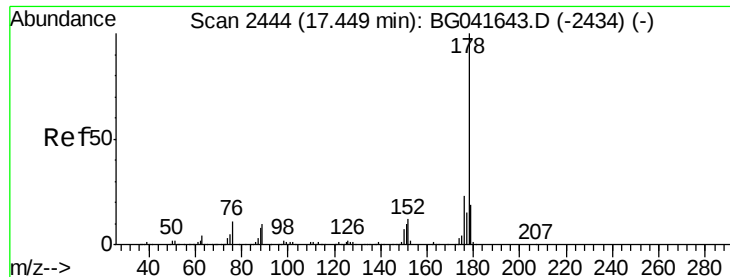


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 54.145 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Instrument :

BNA_G

ClientSampleId :

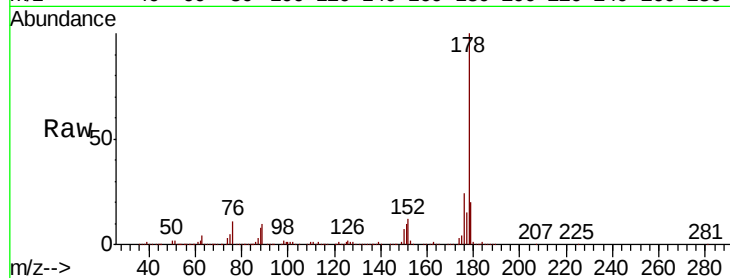
Tot Ion:178 Resp: 1902401

Ion Ratio Lower Upper

178 100

176 24.3 18.6 28.0

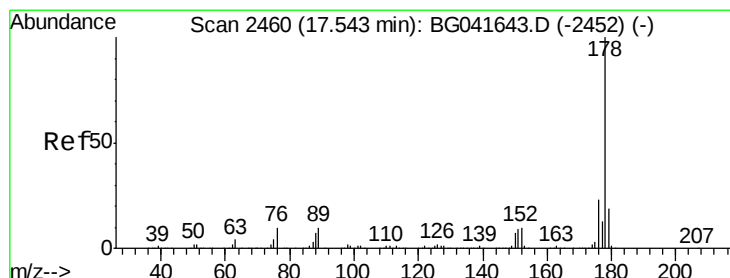
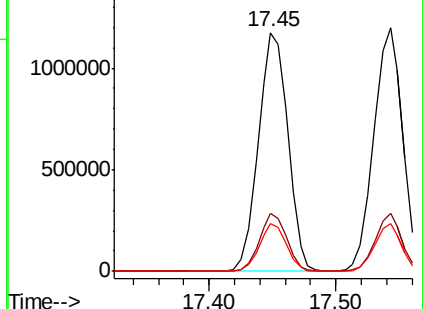
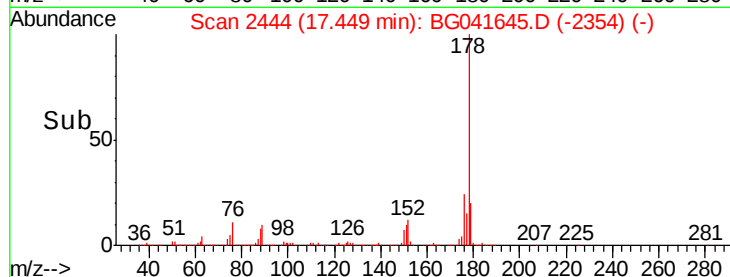
179 19.8 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 51.624 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

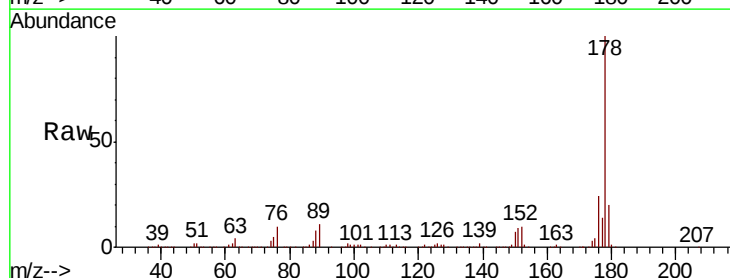
Tgt Ion:178 Resp: 1897018

Ion Ratio Lower Upper

178 100

176 24.1 18.6 28.0

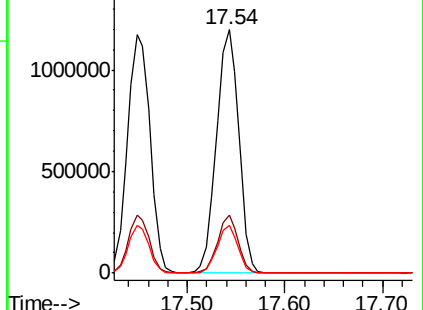
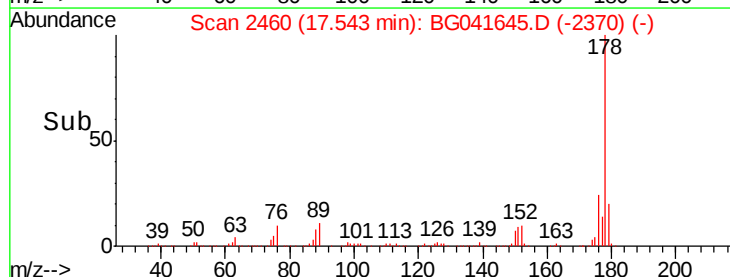
179 19.9 15.1 22.7

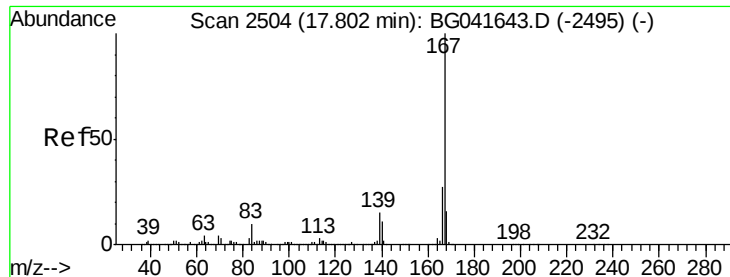


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 52.534 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Instrument :

BNA_G

ClientSampled :

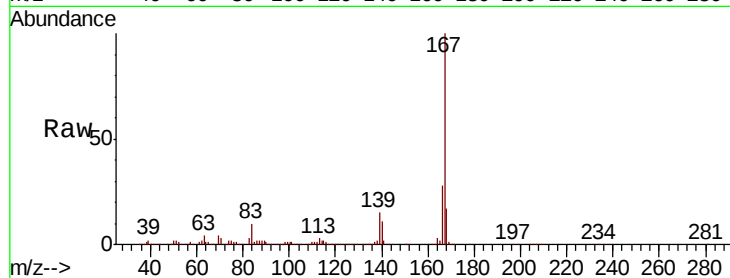
Tot Ion:167 Resp: 1779534

Ion Ratio Lower Upper

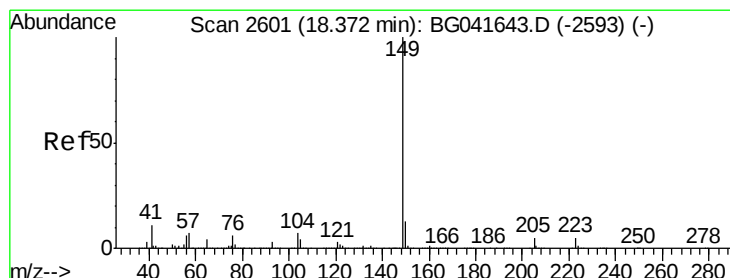
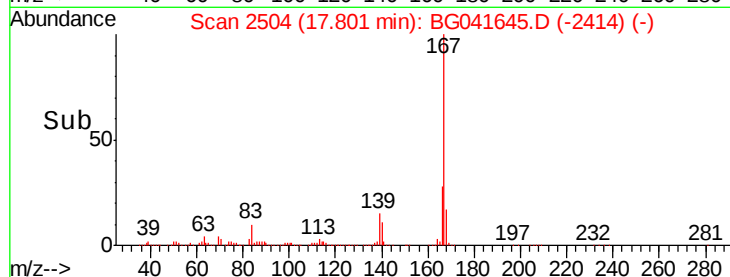
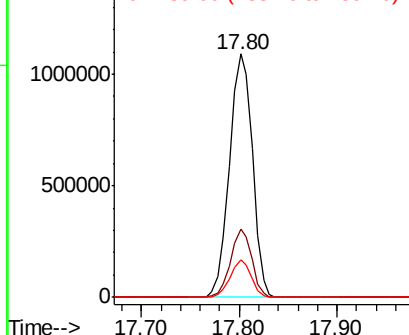
167 100

166 27.8 21.4 32.2

139 15.4 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: 49.100 ng

RT: 18.38 min Scan# 2602

Delta R.T. 0.01 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

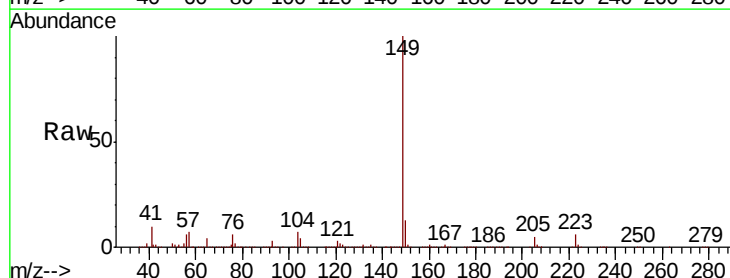
Tgt Ion:149 Resp: 2040429

Ion Ratio Lower Upper

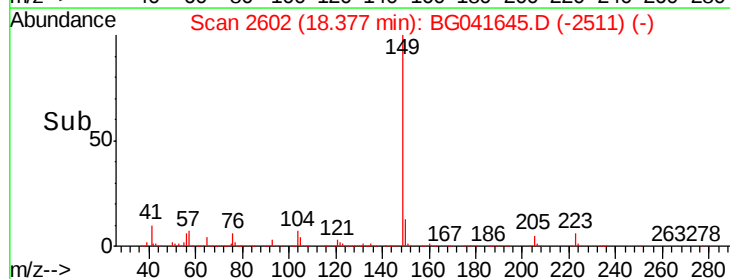
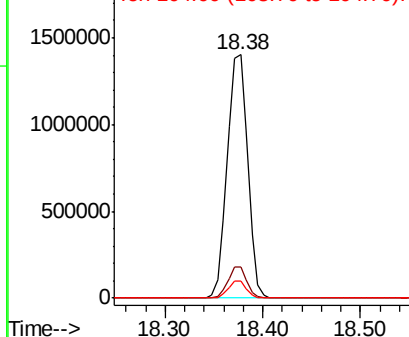
149 100

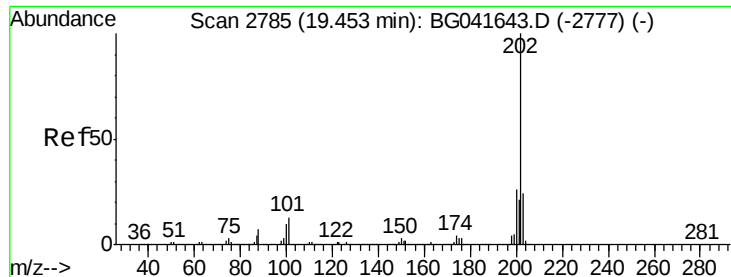
150 12.9 10.2 15.2

104 6.8 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: 52.266 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Instrument :

BNA_G

ClientSampleId :

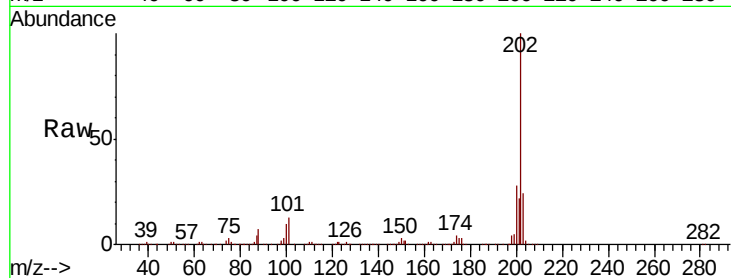
Tot Ion:202 Resp: 2210968

Ion Ratio Lower Upper

202 100

101 13.4 0.0 32.8

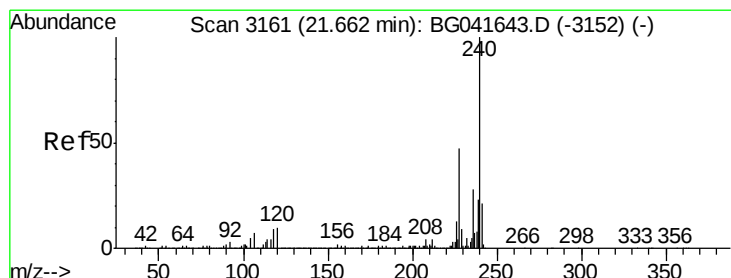
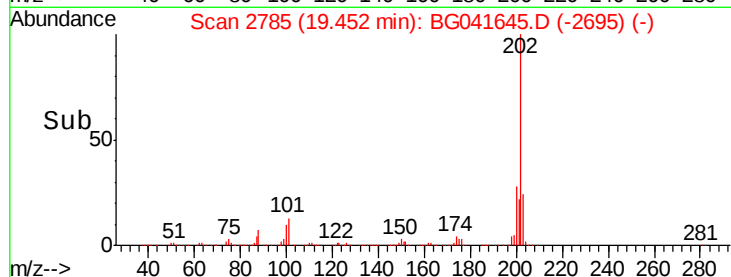
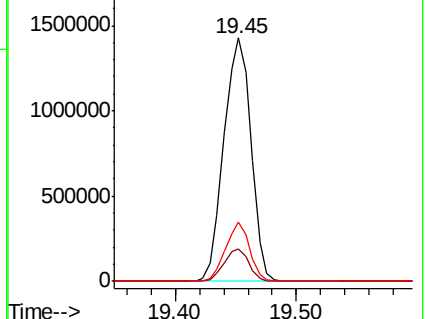
203 24.2 3.7 43.7



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: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

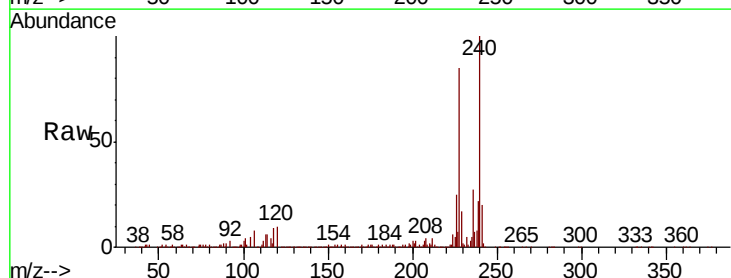
Tgt Ion:240 Resp: 611662

Ion Ratio Lower Upper

240 100

120 9.8 8.0 12.0

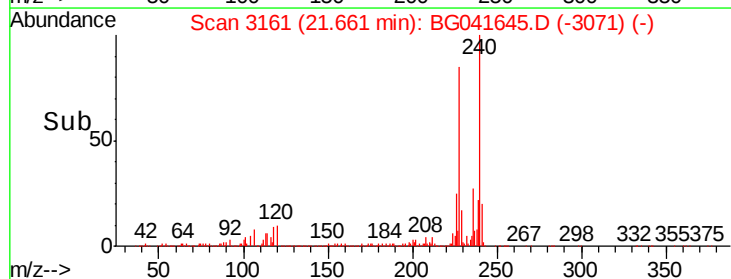
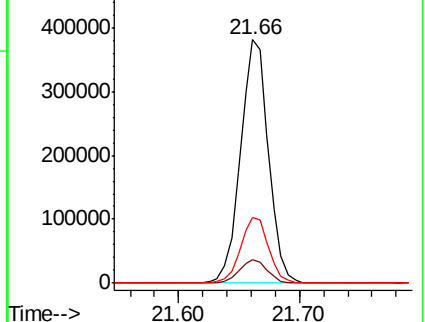
236 27.2 22.6 33.8

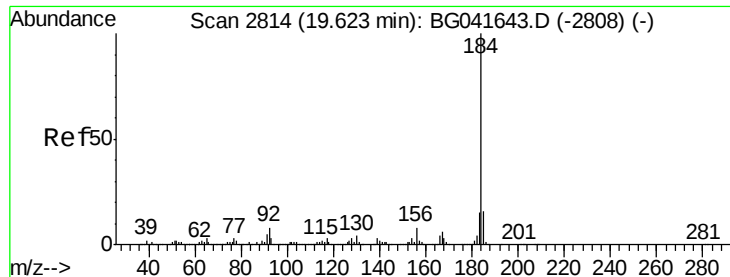


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 55.344 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Instrument :

BNA_G

ClientSampleId :

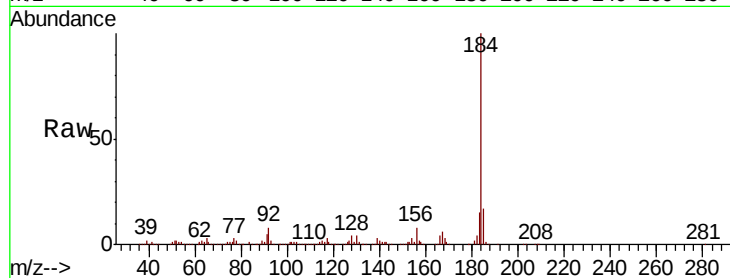
Tot Ion:184 Resp: 1130501

Ion Ratio Lower Upper

184 100

185 17.1 13.0 19.4

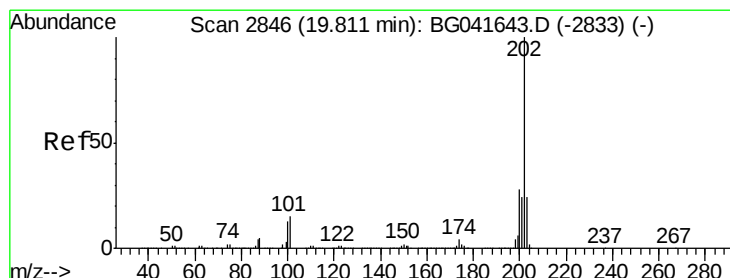
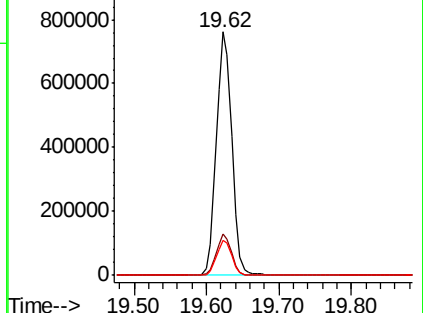
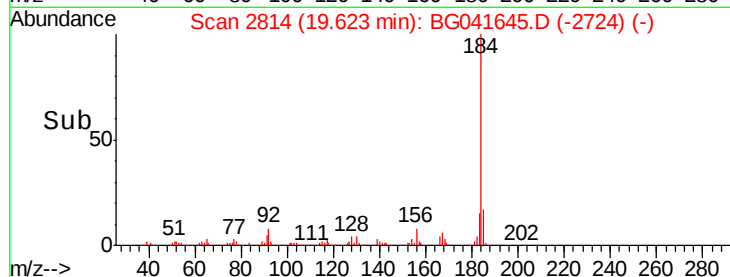
183 14.6 11.8 17.6



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: 55.769 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

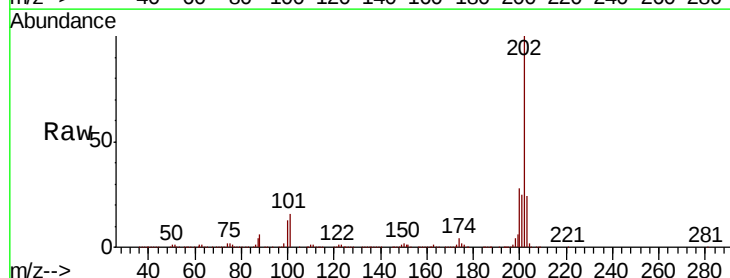
Tgt Ion:202 Resp: 2194789

Ion Ratio Lower Upper

202 100

200 28.1 22.2 33.2

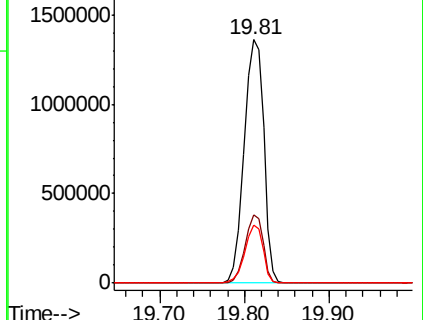
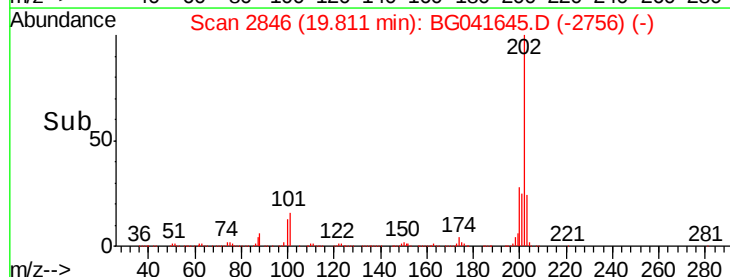
203 24.1 18.9 28.3

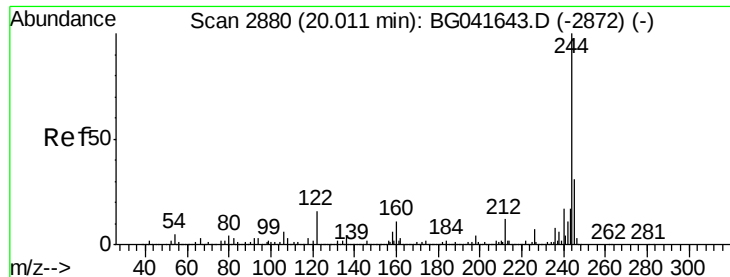


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 110.050 ng

RT: 20.02 min Scan# 2881

Delta R.T. 0.01 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Instrument :

BNA_G

ClientSampleId :

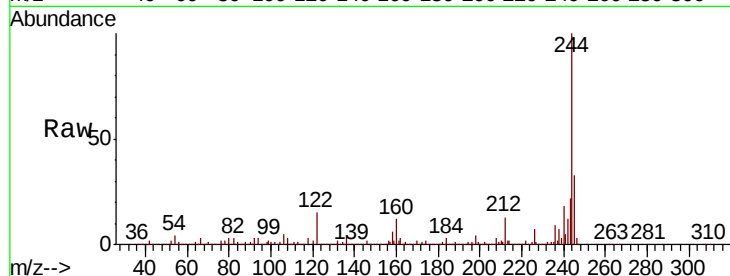
Tot Ion:244 Resp: 2754182

Ion Ratio Lower Upper

244 100

212 12.7 9.7 14.5

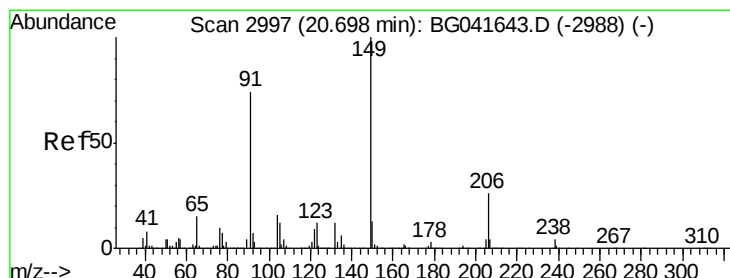
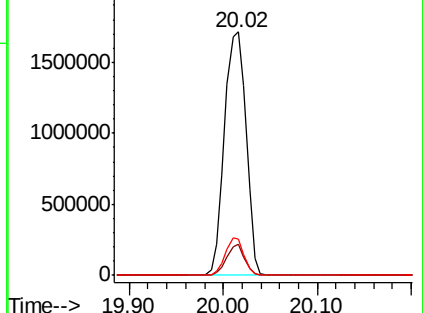
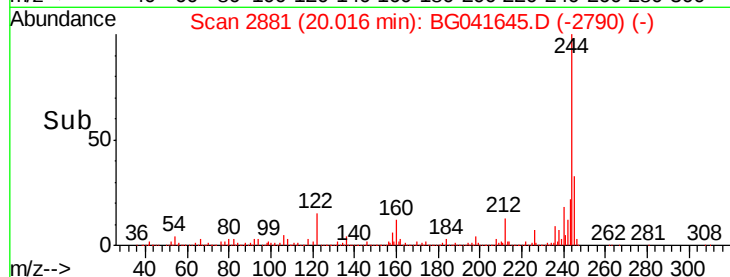
122 15.0 12.5 18.7



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: 54.637 ng

RT: 20.70 min Scan# 2998

Delta R.T. 0.01 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

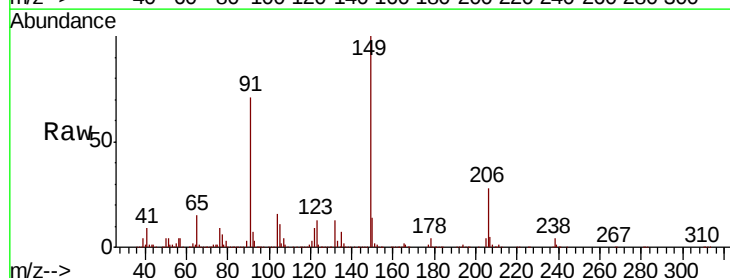
Tgt Ion:149 Resp: 1016359

Ion Ratio Lower Upper

149 100

91 71.3 58.9 88.3

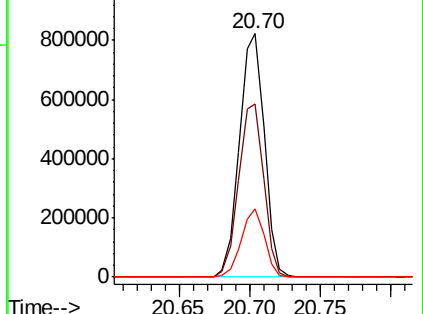
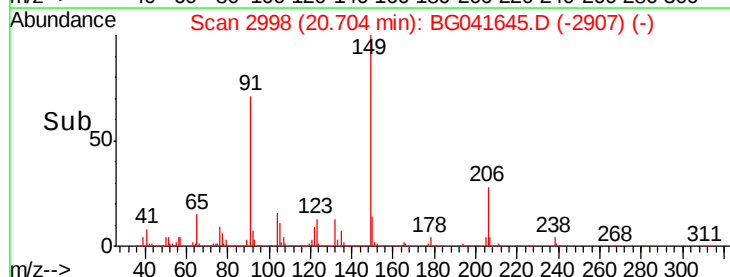
206 28.2 20.8 31.2

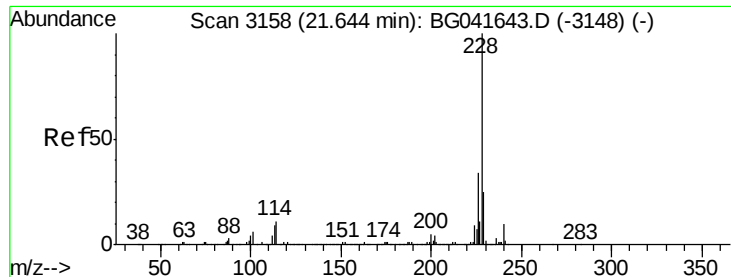


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.100 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

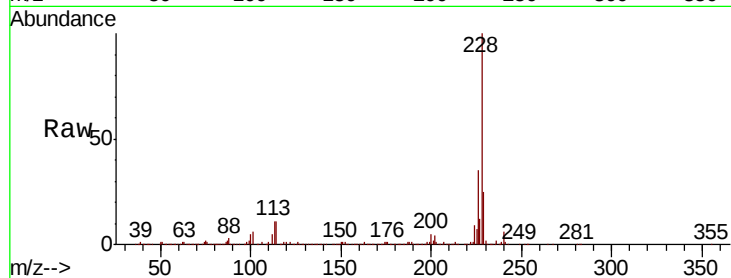
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 2247257

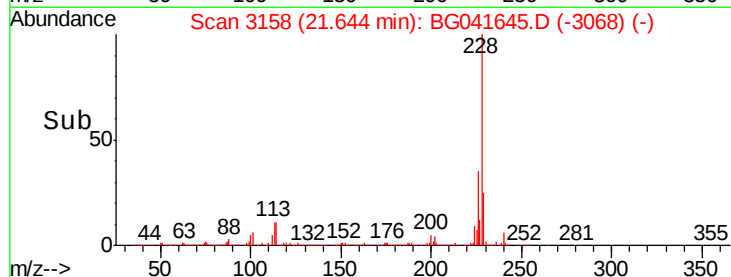
Ion	Ratio	Lower	Upper
228	100		
226	34.6	27.3	40.9
229	24.9	19.7	29.5



Abundance Ion 228.00 (227.70 to 228.70): E

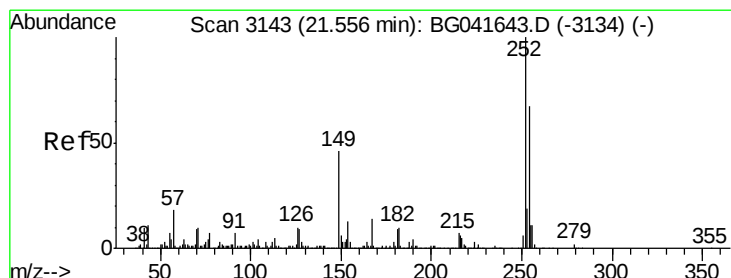
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



21.64

Time-->



#82

3,3'-Dichlorobenzidine

Concen: 52.525 ng

RT: 21.56 min Scan# 3143

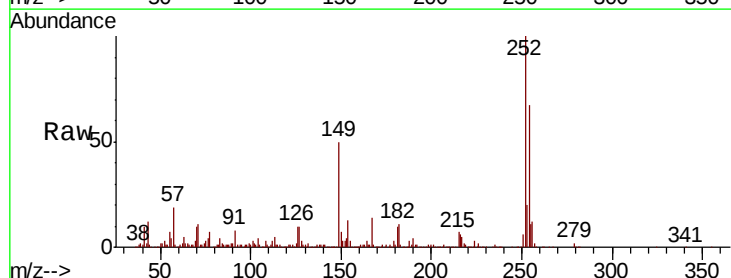
Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Tgt Ion:252 Resp: 924334

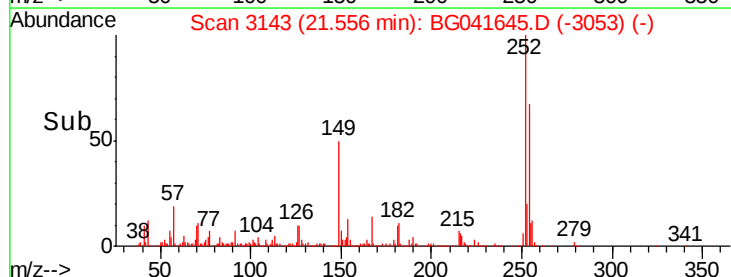
Ion	Ratio	Lower	Upper
252	100		
254	67.2	53.8	80.6
126	10.1	7.8	11.8



Abundance Ion 252.00 (251.70 to 252.70): E

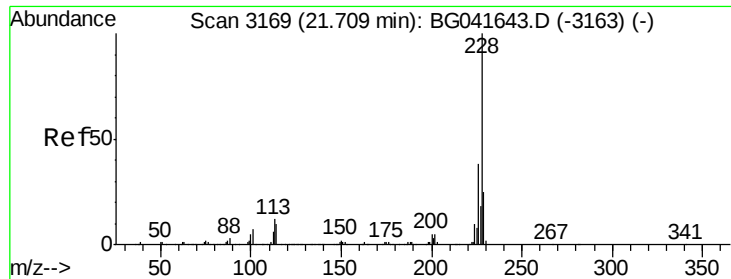
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



21.56

Time-->



#83

Chrysene

Concen: 57.080 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

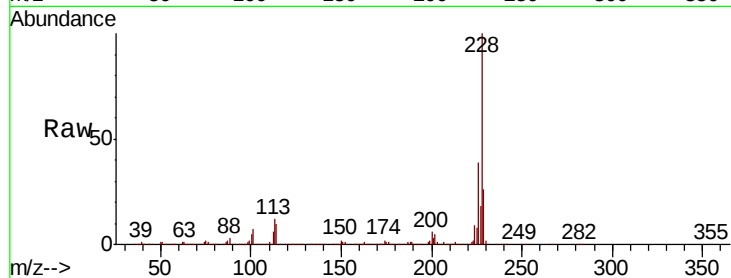
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 2150318

Ion	Ratio	Lower	Upper
228	100		
226	39.2	30.1	45.1
229	25.7	19.8	29.6

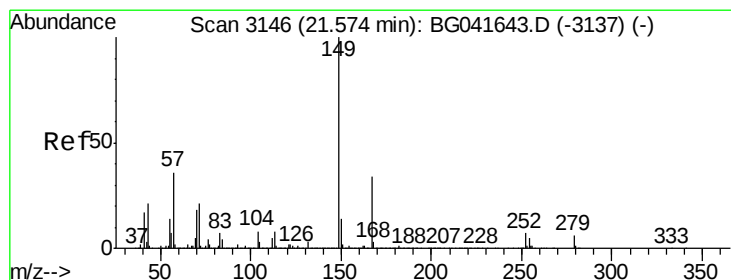
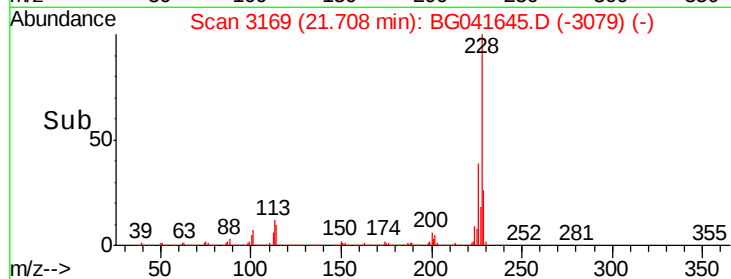
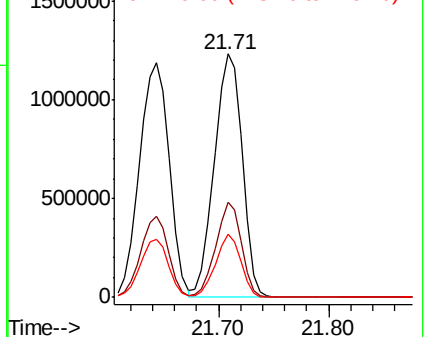


Abundance

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: 54.999 ng

RT: 21.57 min Scan# 3146

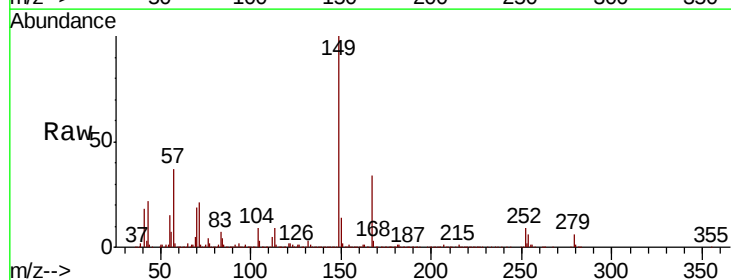
Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Tgt Ion:149 Resp: 1399237

Ion	Ratio	Lower	Upper
149	100		
167	34.5	27.0	40.4
279	6.2	5.0	7.6

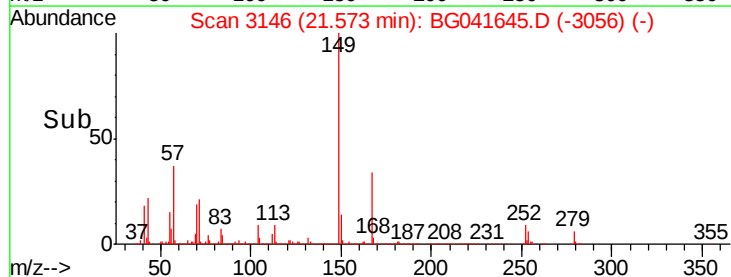
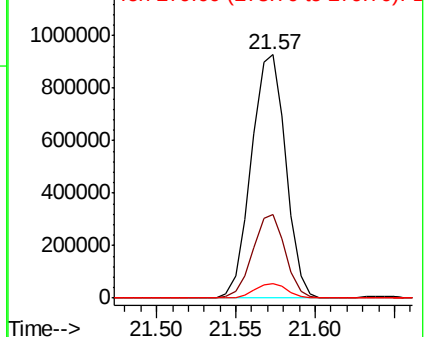


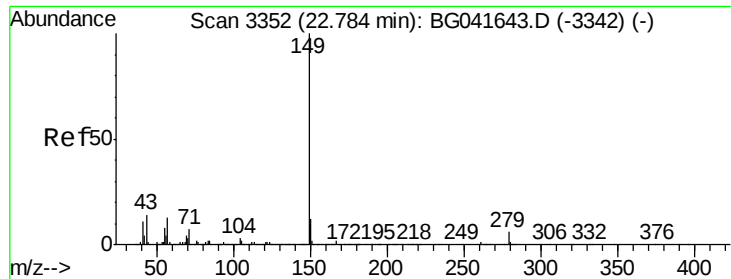
Abundance

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: 54.630 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.00 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Instrument :

BNA_G

ClientSampleId :

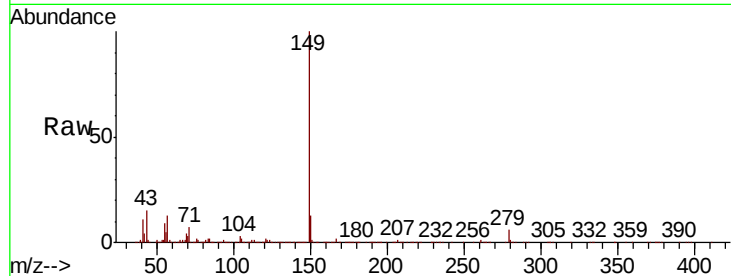
Tot Ion:149 Resp: 2412208

Ion Ratio Lower Upper

149 100

167 2.0 1.6 2.4

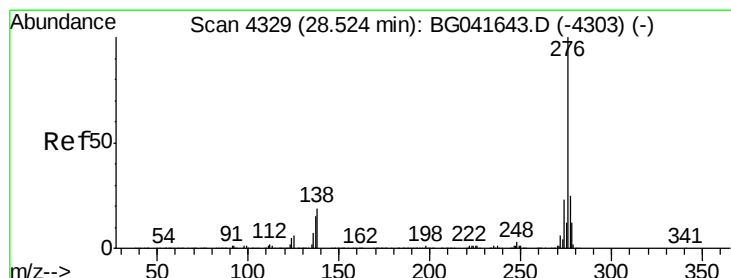
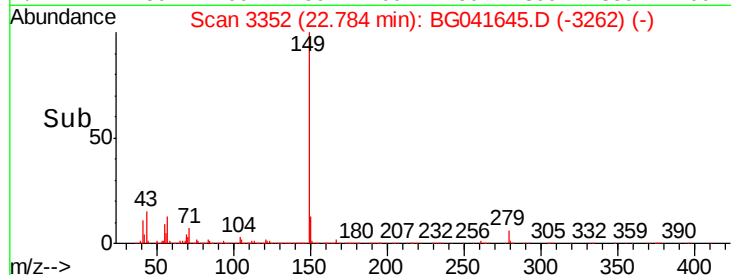
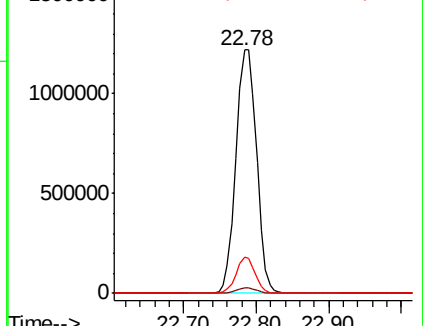
43 13.6 10.6 16.0



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 58.241 ng

RT: 28.52 min Scan# 4328

Delta R.T. -0.01 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

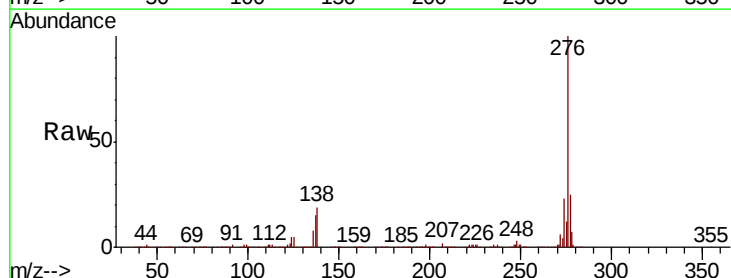
Tgt Ion:276 Resp: 2980536

Ion Ratio Lower Upper

276 100

138 18.0 19.4 29.0#

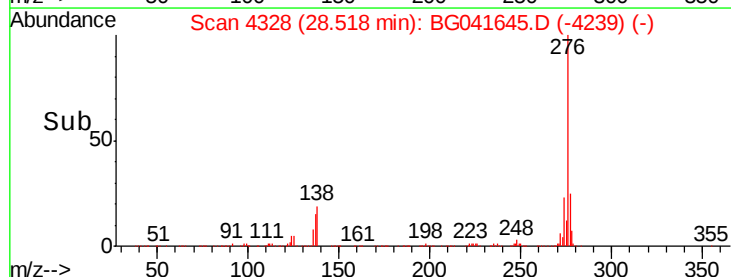
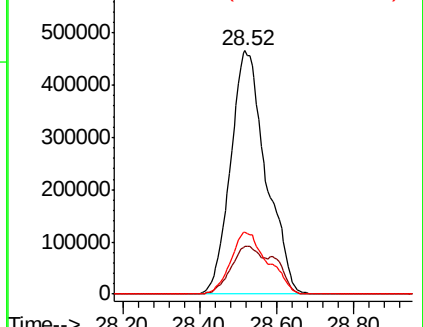
277 26.6 21.2 31.8

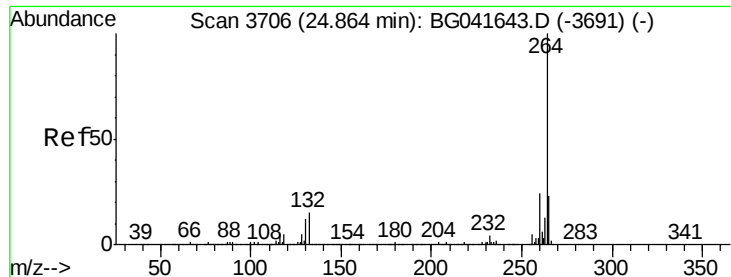


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3705

Delta R.T. -0.01 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

Instrument :

BNA_G

ClientSampleId :

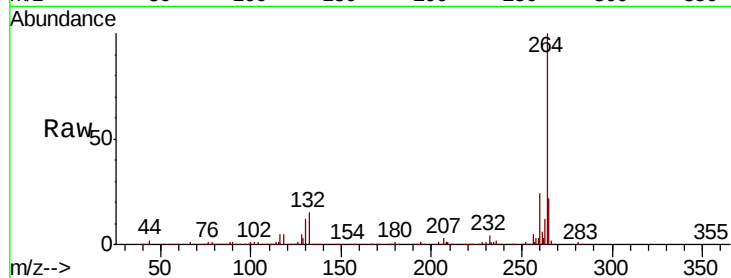
Tot Ion:264 Resp: 718461

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.1	18.0	27.0

264 100

260 23.8 19.5 29.3

265 22.1 18.0 27.0

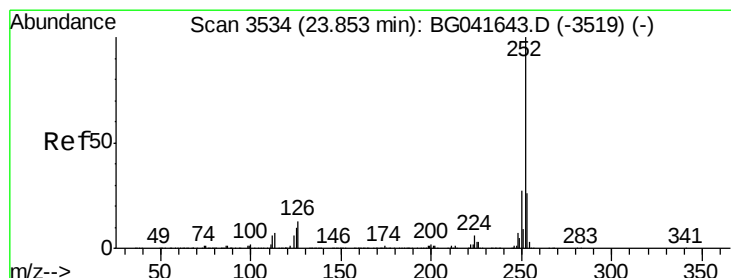
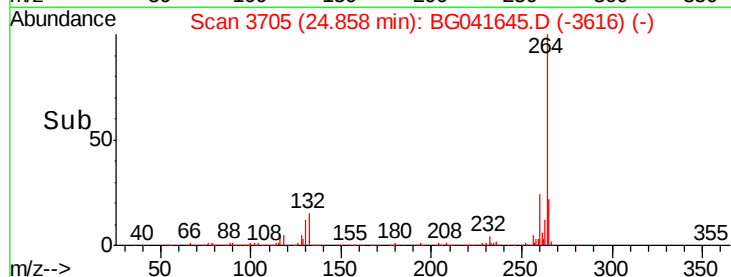
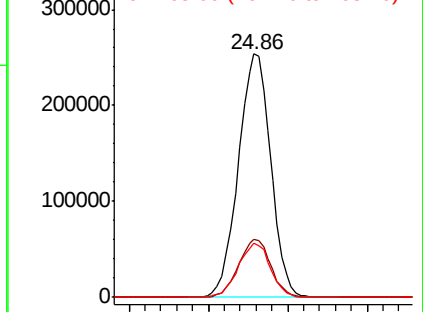


Abundance

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: 59.978 ng

RT: 23.85 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG041645.D

Acq: 15 Jul 2019 11:04

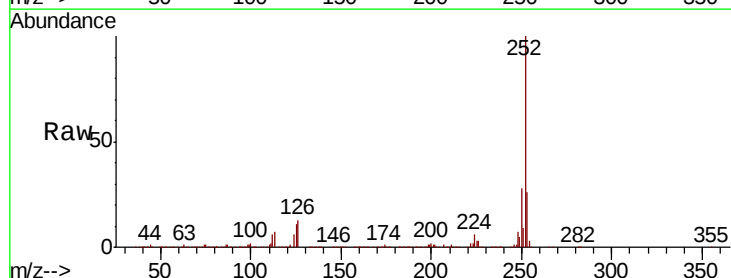
Tgt Ion:252 Resp: 2558299

Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.6	30.8
125	10.5	8.0	12.0

252 100

253 25.8 20.6 30.8

125 10.5 8.0 12.0

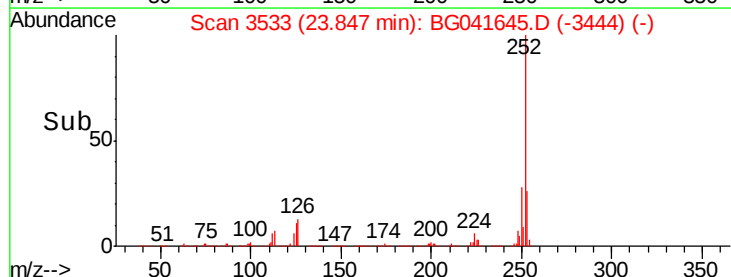
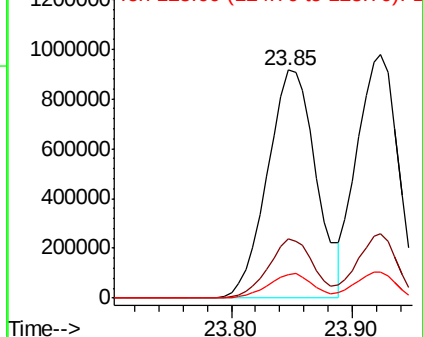


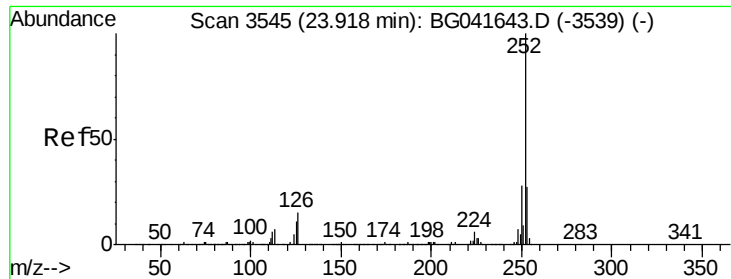
Abundance

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

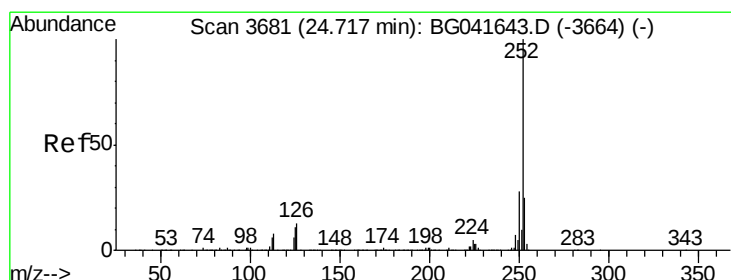
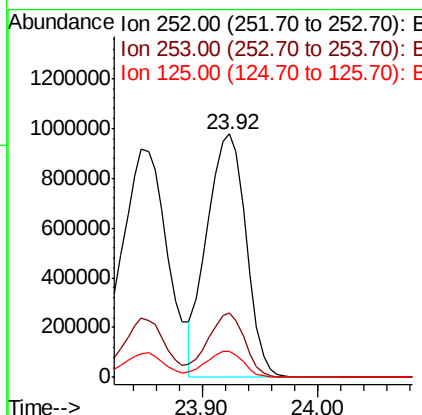
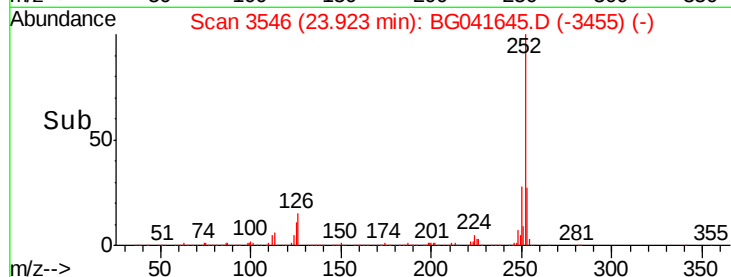
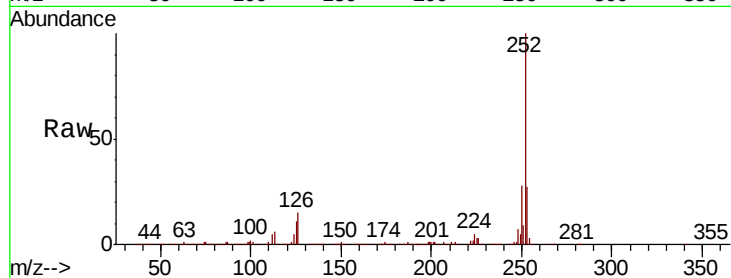




#89
Benzo(k)fluoranthene
Concen: 56.469 ng
RT: 23.92 min Scan# 3546
Delta R.T. 0.01 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

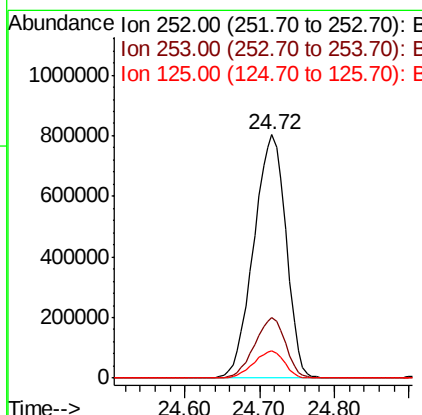
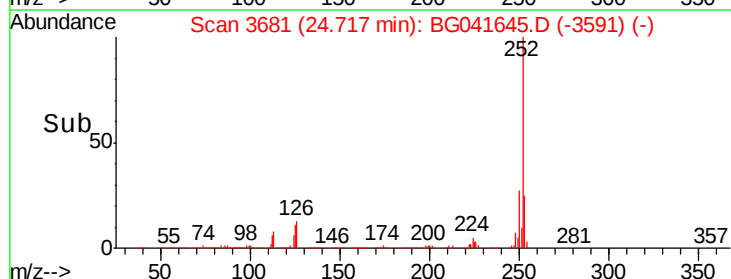
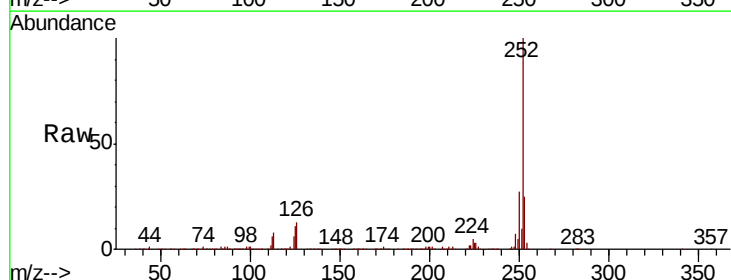
Instrument :
BNA_G
ClientSampleId :

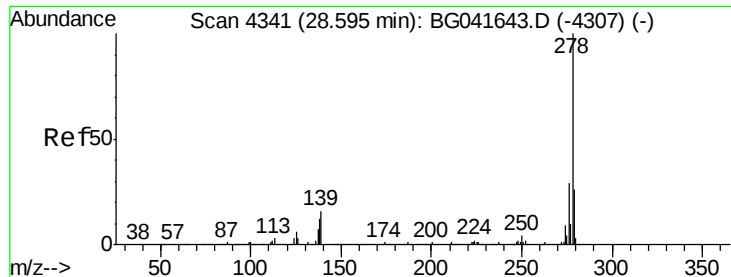
Tot Ion:252 Resp: 2295457
Ion Ratio Lower Upper
252 100
253 26.6 20.5 30.7
125 10.8 8.4 12.6



#90
Benzo(a)pyrene
Concen: 58.951 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Tgt Ion:252 Resp: 2409737
Ion Ratio Lower Upper
252 100
253 24.7 19.8 29.8
125 11.0 8.8 13.2



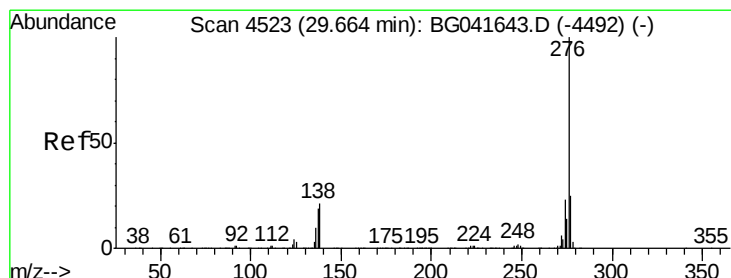
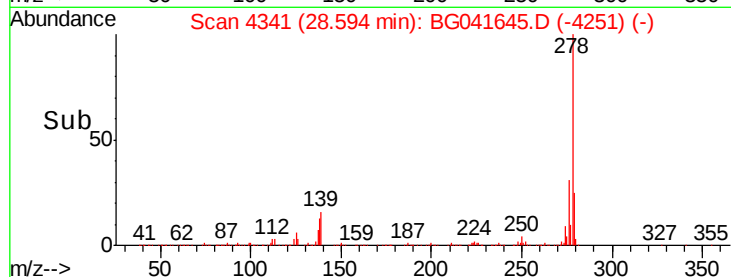
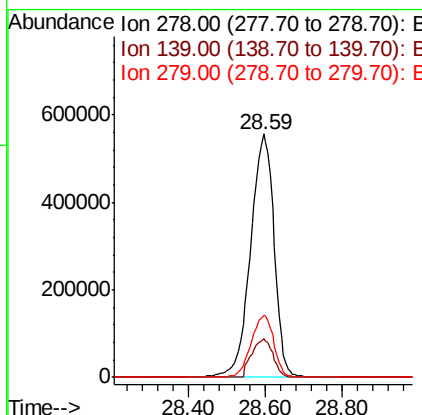
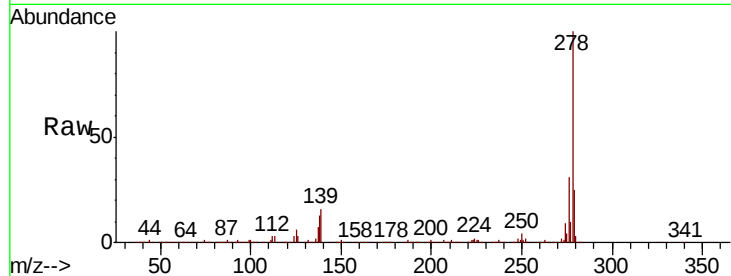


#91
Dibenzo(a,h)anthracene
Concen: 59.447 ng
RT: 28.59 min Scan# 4341
Delta R.T. -0.00 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 2359762

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.6	19.0
279	25.2	20.5	30.7



#92
Benzo(g,h,i)perylene
Concen: 60.045 ng
RT: 29.67 min Scan# 4524
Delta R.T. 0.01 min
Lab File: BG041645.D
Acq: 15 Jul 2019 11:04

Tgt Ion:276 Resp: 2377514

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.8
138	21.4	16.6	25.0

