

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
 Data File : BG041642.D
 Acq On : 15 Jul 2019 9:10
 Operator : HP/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 15 11:51:51 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	95842	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	405977	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	249770	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	584188	20.00	ng	0.00
76) Chrysene-d12	21.66	240	544059	20.00	ng	0.00
87) Perylene-d12	24.86	264	635888	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	234095	40.99	ng	0.00
7) Phenol-d6	7.20	99	310980	40.19	ng	0.00
23) Nitrobenzene-d5	9.21	82	245296	36.82	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	107798	37.74	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	692984	43.62	ng	0.00
79) Terphenyl-d14	20.01	244	1097723	49.31	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	53955	20.820	ng	99
3) Pyridine	3.90	79	150990	22.480	ng	98
4) n-Nitrosodimethylamine	3.82	42	62304	18.215	ng	# 96
6) Aniline	7.37	93	210487	19.851	ng	97
8) 2-Chlorophenol	7.61	128	129783	20.311	ng	98
9) Benzaldehyde	7.18	77	105856	24.791	ng	97
10) Phenol	7.22	94	163396	20.338	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	129602	19.746	ng	99
12) 1,3-Dichlorobenzene	7.95	146	156684	20.083	ng	98
13) 1,4-Dichlorobenzene	8.09	146	157383	20.219	ng	97
14) 1,2-Dichlorobenzene	8.41	146	148305	20.035	ng	96
15) Benzyl Alcohol	8.28	79	118756	18.936	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	273970	19.432	ng	98
17) 2-Methylphenol	8.48	107	108975	19.041	ng	97
18) Hexachloroethane	9.14	117	56199	19.421	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	112495	19.796	ng	96
20) 3+4-Methylphenols	8.80	107	151945	19.285	ng	99
22) Acetophenone	8.87	105	201039	20.012	ng	# 97
24) Nitrobenzene	9.25	77	136129	19.567	ng	97
25) Isophorone	9.77	82	296336	20.428	ng	97
26) 2-Nitrophenol	9.96	139	49810	16.263	ng	100
27) 2,4-Dimethylphenol	10.02	122	114720	19.879	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	181425	20.155	ng	100
29) 2,4-Dichlorophenol	10.50	162	127258	19.061	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	153255	19.698	ng	99
31) Naphthalene	10.91	128	413490	20.857	ng	96
32) Benzoic acid	10.10	122	58530	13.804	ng	98
33) 4-Chloroaniline	11.00	127	183963	19.307	ng	99
34) Hexachlorobutadiene	11.21	225	97098	19.284	ng	99
35) Caprolactam	11.75	113	48092	18.894	ng	91
36) 4-Chloro-3-methylphenol	12.11	107	138633	19.979	ng	98
37) 2-Methylnaphthalene	12.51	142	314696	20.776	ng	97
38) 1-Methylnaphthalene	12.72	142	299526	20.834	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	167405	19.781	ng	99

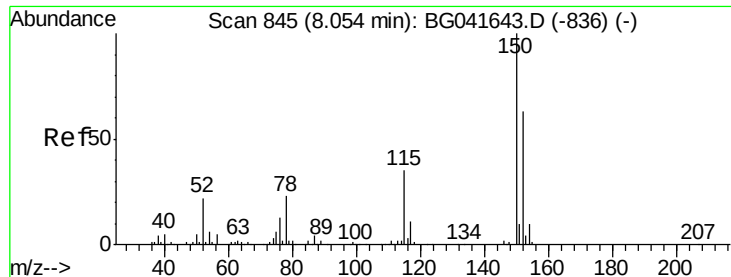
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
 Data File : BG041642.D
 Acq On : 15 Jul 2019 9:10
 Operator : HP/JU
 Sample : SSTDICC020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 11:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	89670	17.292	ng	97
43) 2,4,6-Trichlorophenol	13.10	196	106424	19.154	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	110901	19.544	ng	98
46) 1,1'-Biphenyl	13.51	154	383060	20.755	ng	97
47) 2-Chloronaphthalene	13.55	162	317776	20.674	ng	97
48) 2-Nitroaniline	13.74	65	78408	18.431	ng	97
49) Acenaphthylene	14.39	152	512274	21.883	ng	96
50) Dimethylphthalate	14.12	163	410375	20.969	ng	97
51) 2,6-Dinitrotoluene	14.23	165	72682	18.617	ng	97
52) Acenaphthene	14.73	154	305654	20.368	ng	99
53) 3-Nitroaniline	14.56	138	82275	18.798	ng	# 94
54) 2,4-Dinitrophenol	14.76	184	26708	15.154	ng	# 41
55) Dibenzofuran	15.07	168	487642	21.692	ng	94
56) 4-Nitrophenol	14.84	139	65583	18.834	ng	99
57) 2,4-Dinitrotoluene	15.01	165	92017	17.919	ng	98
58) Fluorene	15.71	166	394157	21.624	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	102331	19.153	ng	99
60) Diethylphthalate	15.48	149	412313	20.838	ng	96
61) 4-Chlorophenyl-phenylether	15.71	204	215343	20.618	ng	98
62) 4-Nitroaniline	15.71	138	90477	19.480	ng	99
63) Azobenzene	16.00	77	367543	21.100	ng	95
65) 4,6-Dinitro-2-methylphenol	15.77	198	38841	15.316	ng	97
66) n-Nitrosodiphenylamine	15.91	169	352785	19.951	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	139196	19.275	ng	98
68) Hexachlorobenzene	16.72	284	139628	19.116	ng	97
69) Atrazine	16.86	200	133435	25.223	ng	98
70) Pentachlorophenol	17.05	266	83377	18.380	ng	98
71) Phenanthrene	17.45	178	634567	20.787	ng	94
72) Anthracene	17.53	178	633341	19.837	ng	93
73) Carbazole	17.80	167	587662	19.967	ng	92
74) Di-n-butylphthalate	18.37	149	707000	19.581	ng	# 94
75) Fluoranthene	19.45	202	775360	21.095	ng	91
77) Benzidine	19.62	184	450249	24.781	ng	96
78) Pyrene	19.81	202	785113	22.428	ng	# 90
80) Butylbenzylphthalate	20.70	149	307322	18.574	ng	94
81) Benzo(a)anthracene	21.64	228	755639	20.074	ng	92
82) 3,3'-Dichlorobenzidine	21.55	252	287192	18.347	ng	97
83) Chrysene	21.70	228	727093	21.699	ng	91
84) Bis(2-ethylhexyl)phthalate	21.57	149	454611	20.090	ng	# 93
85) Di-n-octyl phthalate	22.78	149	775814	19.753	ng	97
86) Indeno(1,2,3-cd)pyrene	28.49	276	879984	19.332	ng	# 86
88) Benzo(b)fluoranthene	23.84	252	792508	20.992	ng	96
89) Benzo(k)fluoranthene	23.90	252	738681	20.531	ng	96
90) Benzo(a)pyrene	24.70	252	739513	20.440	ng	97
91) Dibenzo(a,h)anthracene	28.57	278	706226	20.101	ng	98
92) Benzo(g,h,i)perylene	29.63	276	697564	19.905	ng	100

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

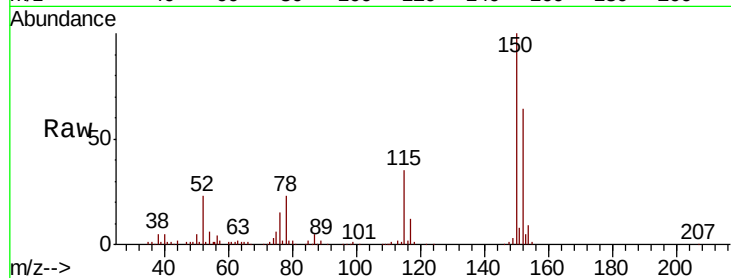


#1

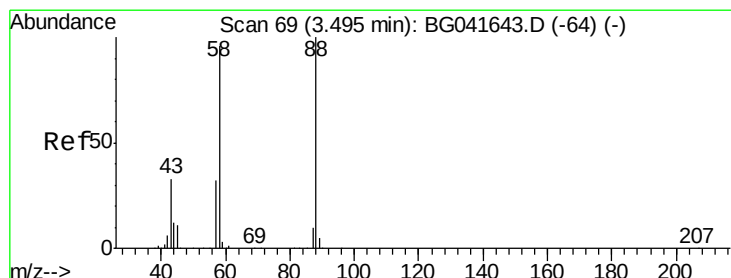
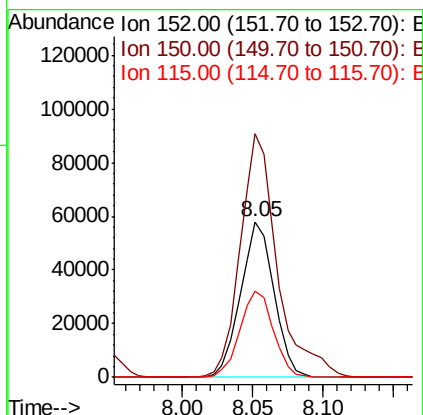
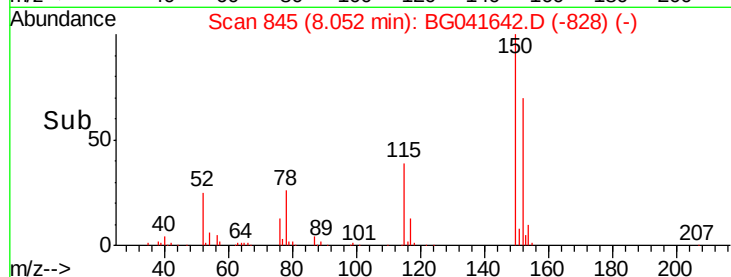
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 95842
Ion Ratio Lower Upper
152 100
150 156.7 126.9 190.3
115 55.1 45.0 67.6



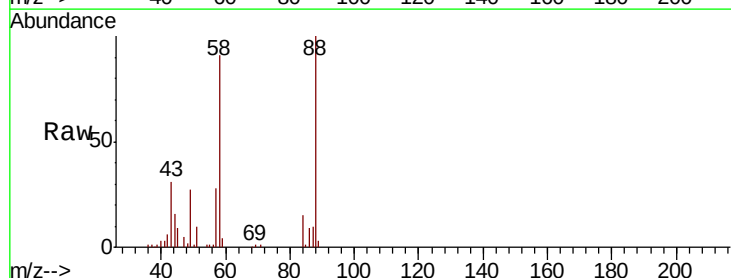
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



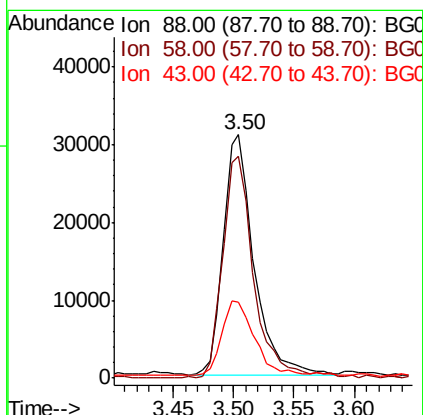
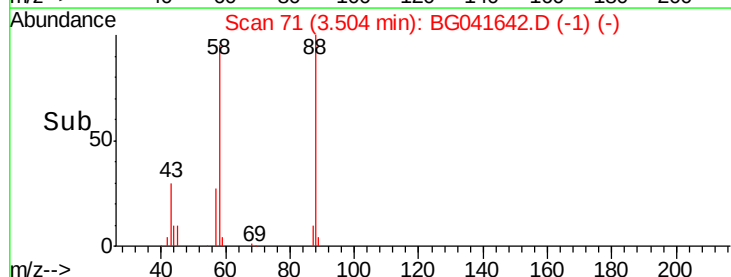
#2

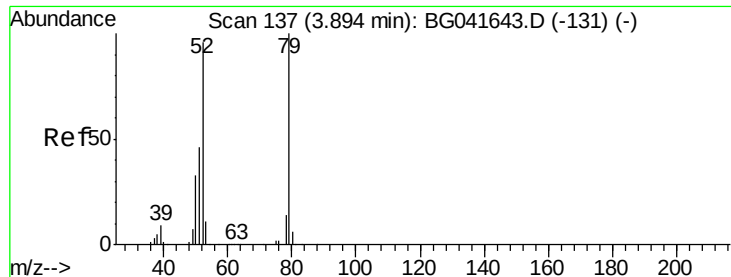
1,4-Dioxane
Concen: 20.820 ng
RT: 3.50 min Scan# 71
Delta R.T. 0.01 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

Tgt Ion: 88 Resp: 53955
Ion Ratio Lower Upper
88 100
58 94.9 76.2 114.2
43 33.4 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: 22.480 ng

RT: 3.90 min Scan# 139

Delta R.T. 0.01 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Instrument :

BNA_G

ClientSampleId :

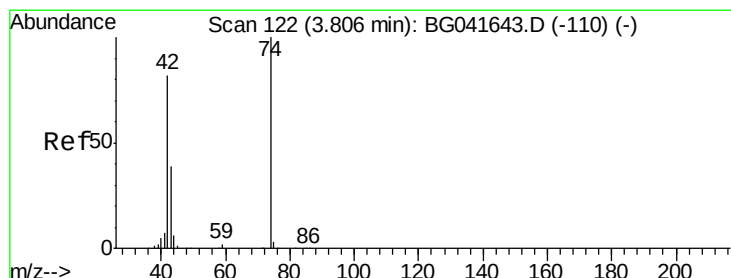
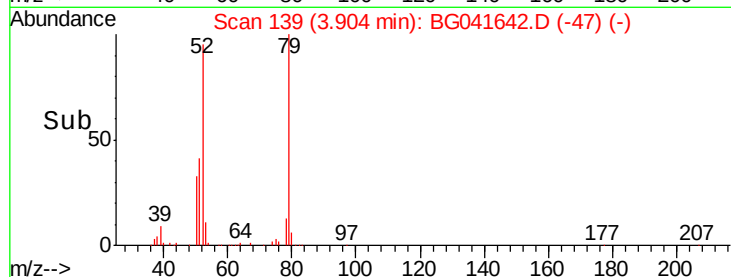
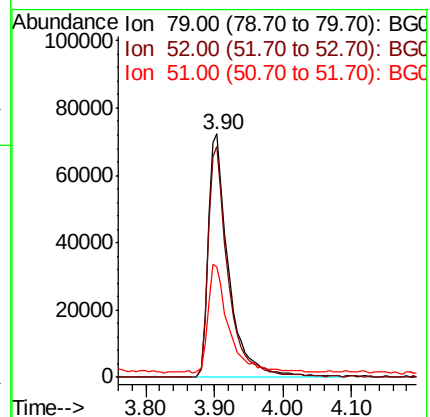
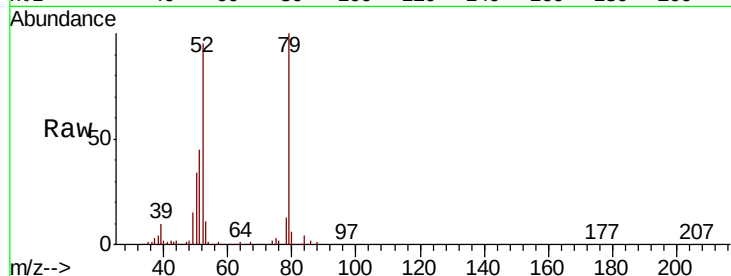
Tot Ion: 79 Resp: 150990

Ion Ratio Lower Upper

79 100

52 94.9 77.1 115.7

51 45.3 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 18.215 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.01 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

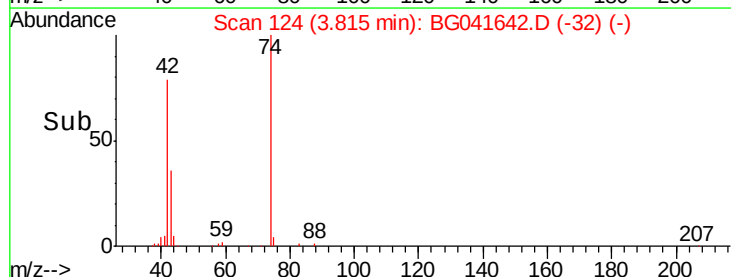
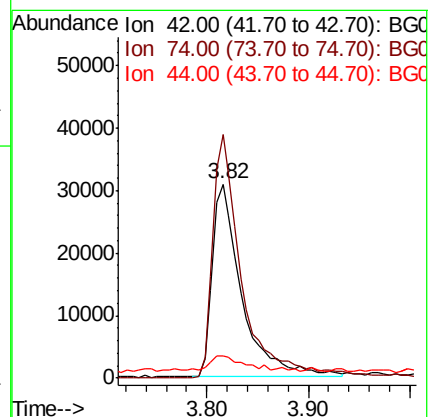
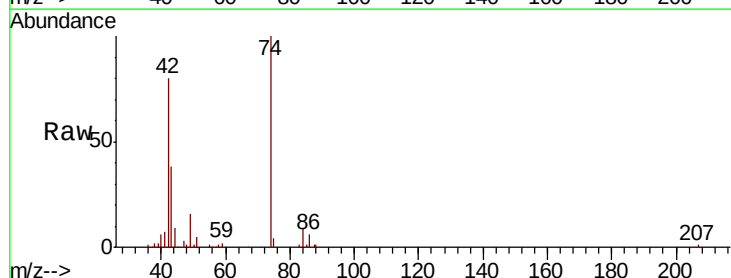
Tgt Ion: 42 Resp: 62304

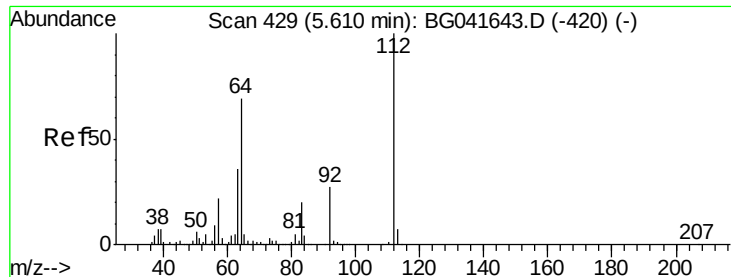
Ion Ratio Lower Upper

42 100

74 125.4 97.4 146.2

44 11.4 6.6 9.8#





#5

2-Fluorophenol

Concen: 40.987 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Instrument :

BNA_G

ClientSampleId :

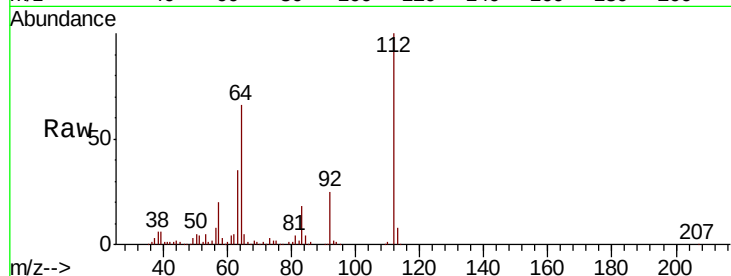
Tot Ion:112 Resp: 234095

Ion Ratio Lower Upper

112 100

64 66.3 55.4 83.2

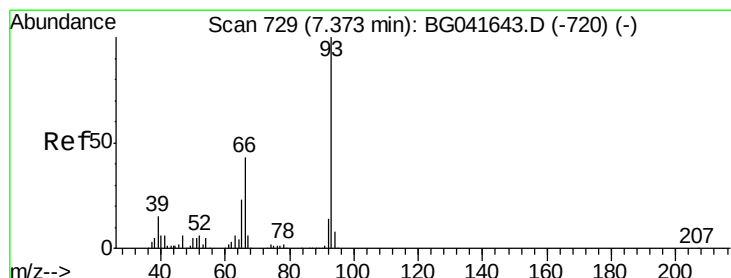
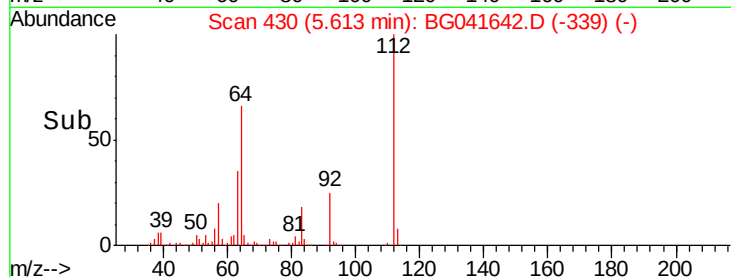
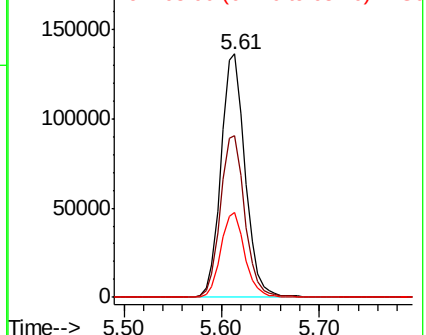
63 34.9 29.1 43.7



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: 19.851 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

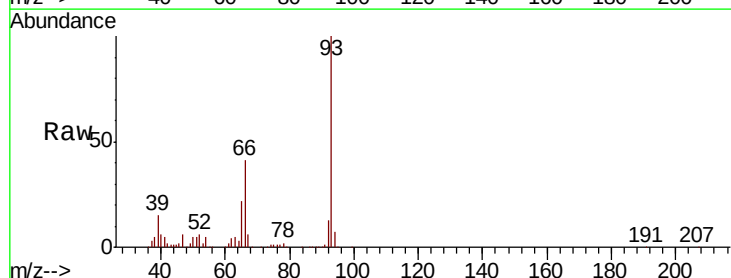
Tgt Ion: 93 Resp: 210487

Ion Ratio Lower Upper

93 100

66 40.7 34.2 51.2

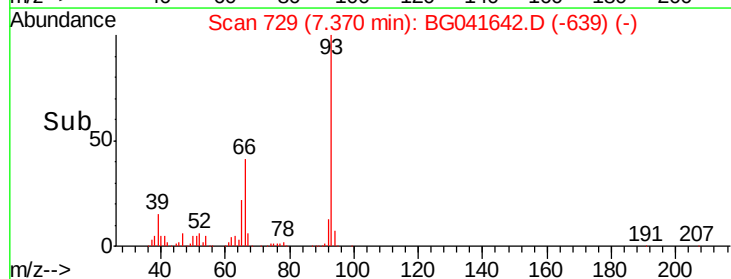
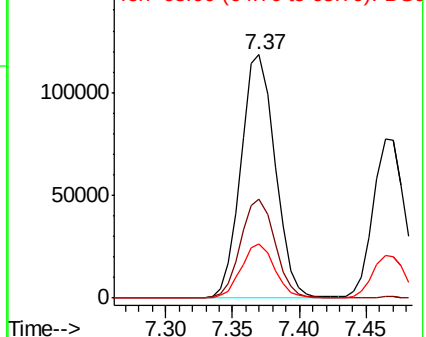
65 22.0 18.2 27.2

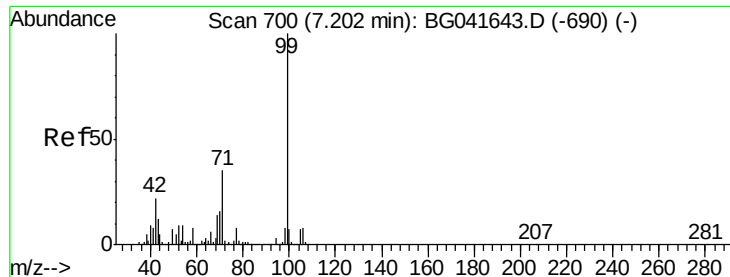


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 40.191 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

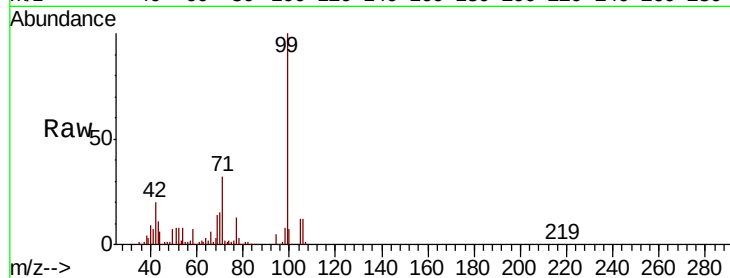
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 310980

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.6	26.4
71	32.2	27.8	41.6

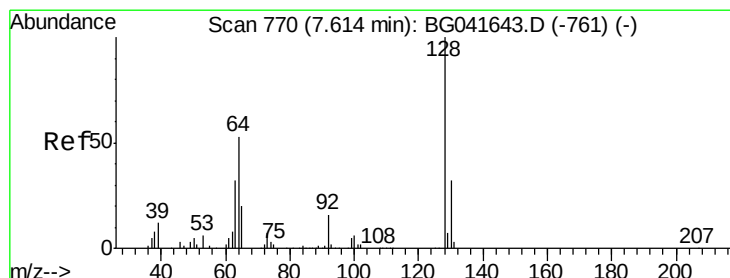
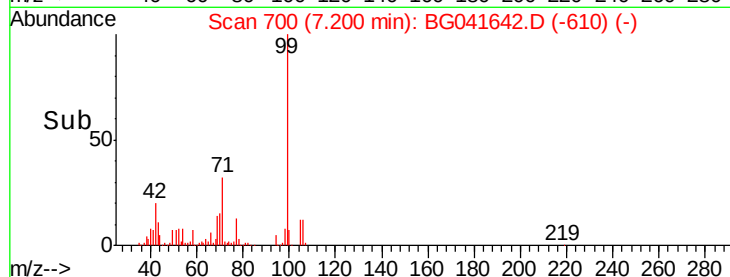
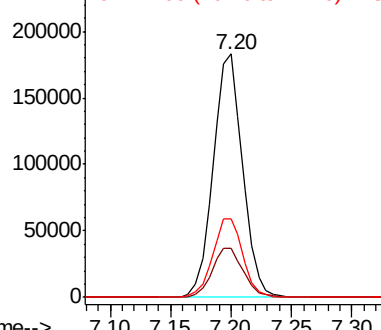


Abundance

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: 20.311 ng

RT: 7.61 min Scan# 770

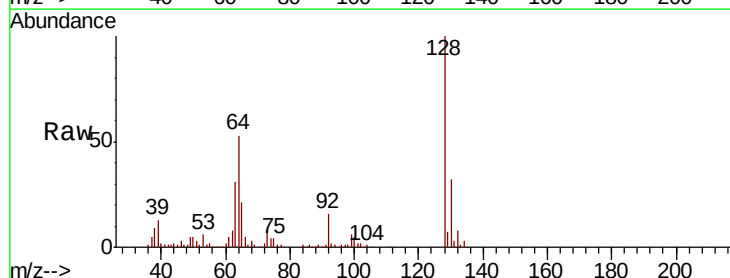
Delta R.T. -0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Tgt Ion: 128 Resp: 129783

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.4	52.4
64	53.1	34.9	74.9

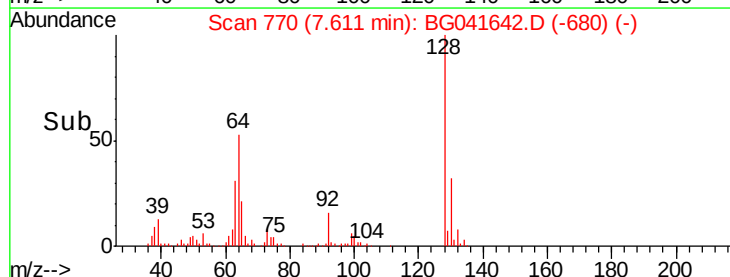
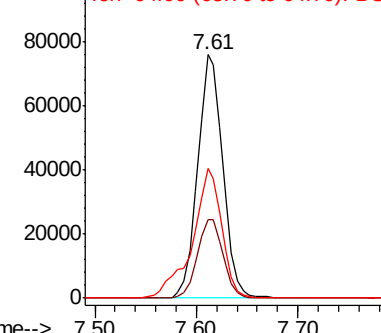


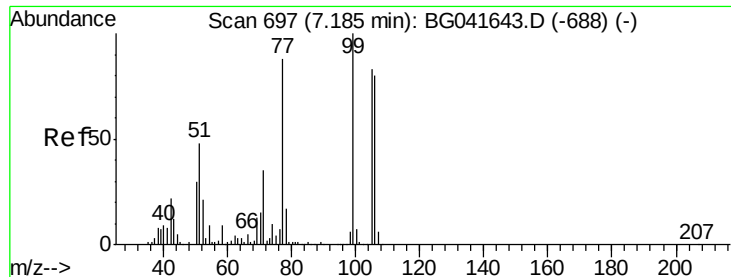
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 24.791 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Instrument :

BNA_G

ClientSampled :

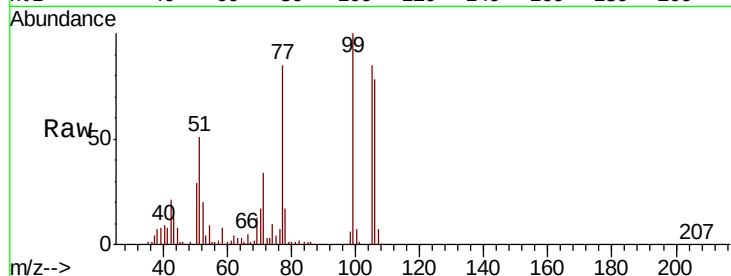
Tot Ion: 77 Resp: 105856

Ion Ratio Lower Upper

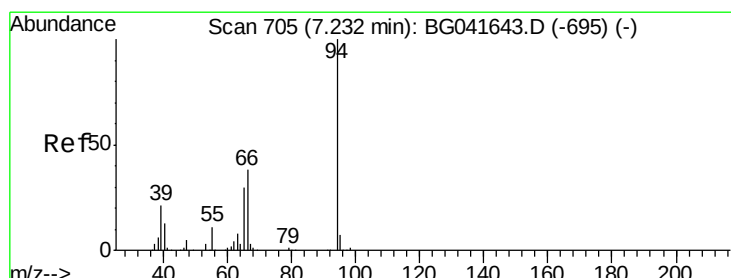
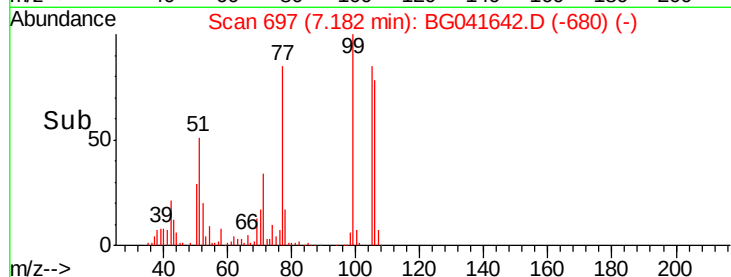
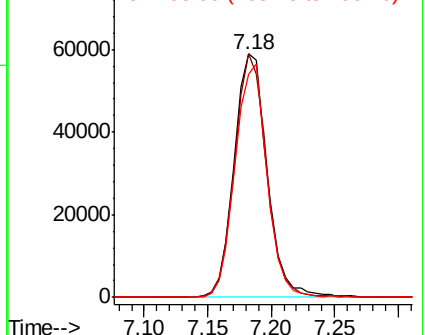
77 100

105 100.1 74.6 114.6

106 91.8 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: 20.338 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

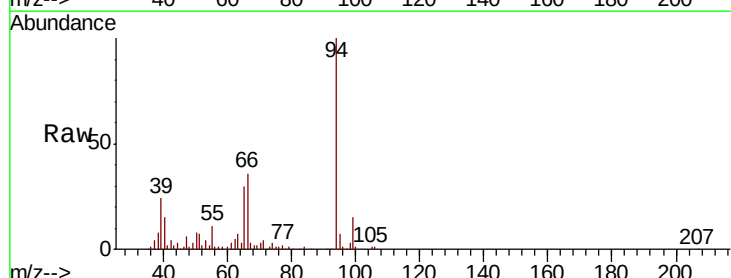
Tgt Ion: 94 Resp: 163396

Ion Ratio Lower Upper

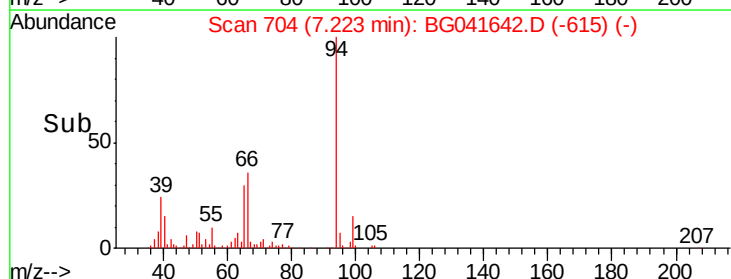
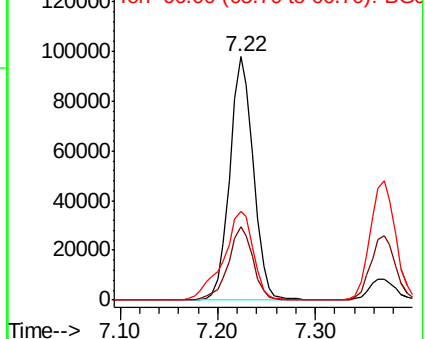
94 100

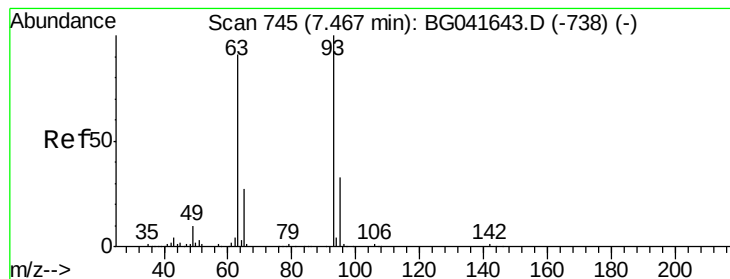
65 29.9 10.6 50.6

66 36.5 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: 19.746 ng

RT: 7.46 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Instrument :

BNA_G

ClientSampleId :

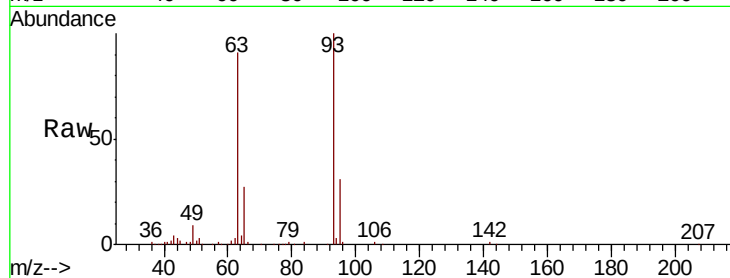
Tot Ion: 93 Resp: 129602

Ion Ratio Lower Upper

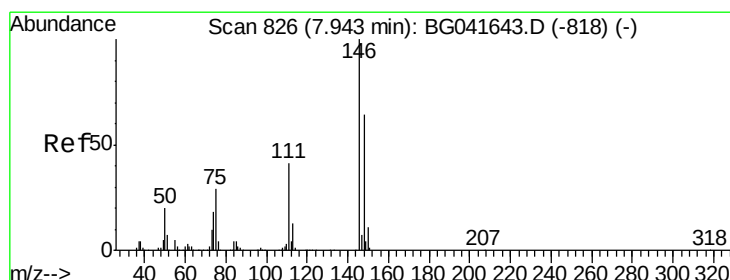
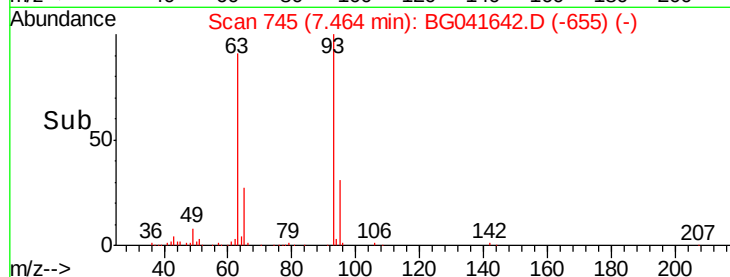
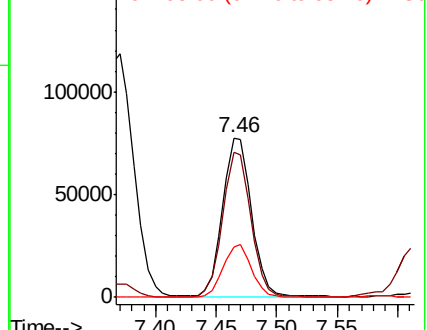
93 100

63 90.9 70.4 110.4

95 31.4 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 20.083 ng

RT: 7.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

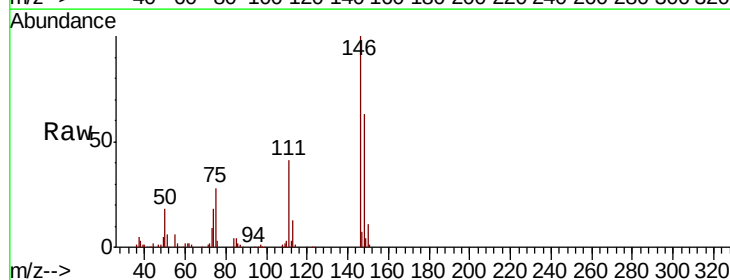
Tgt Ion: 146 Resp: 156684

Ion Ratio Lower Upper

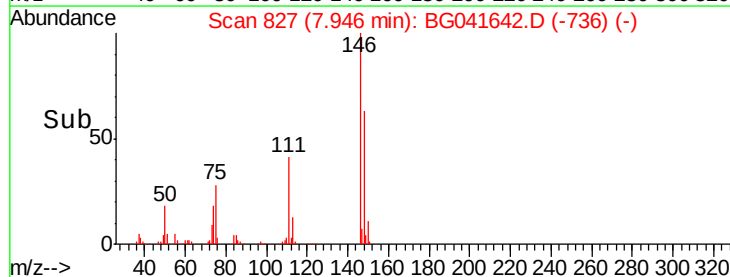
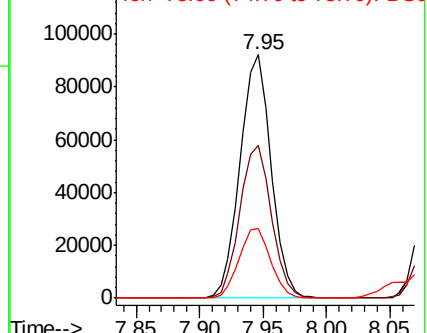
146 100

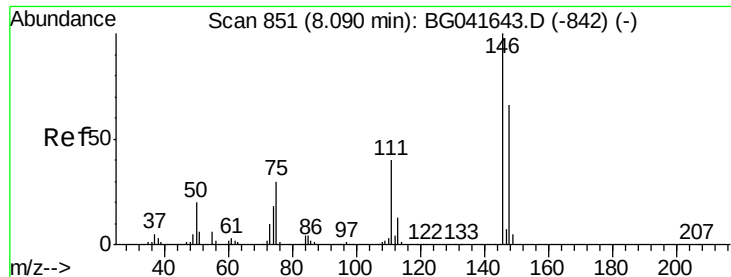
148 62.9 51.5 77.3

75 28.5 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

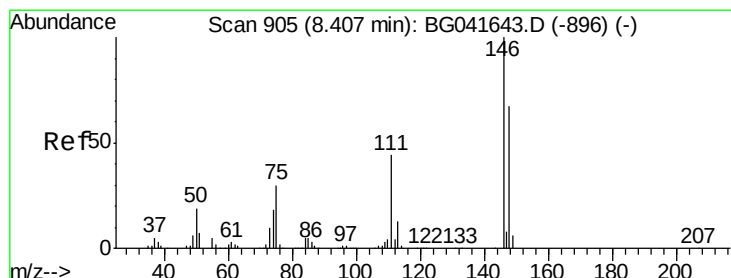
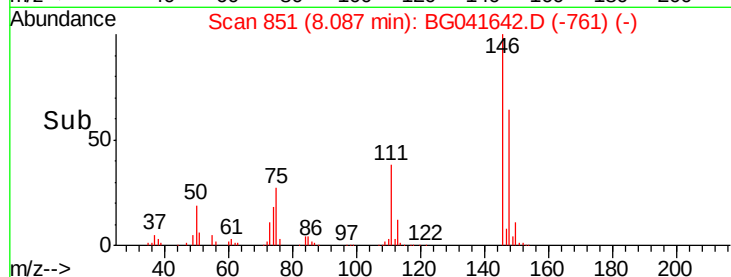
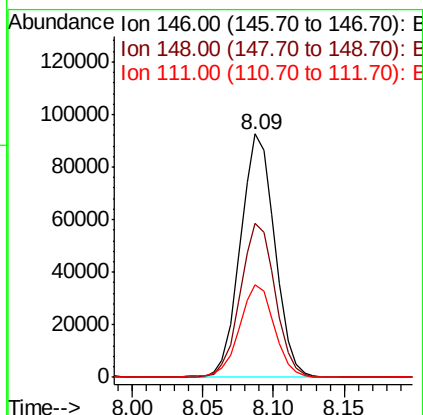
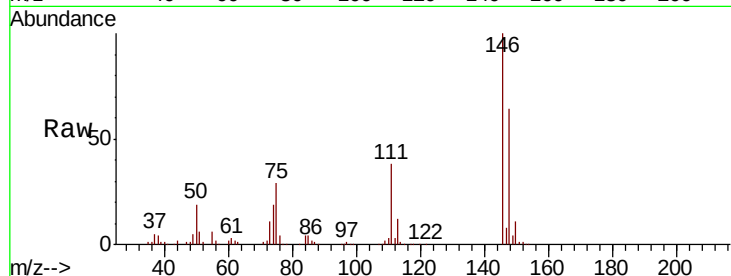




#13
 1,4-Dichlorobenzene
 Concen: 20.219 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG041642.D
 Acq: 15 Jul 2019 9:10

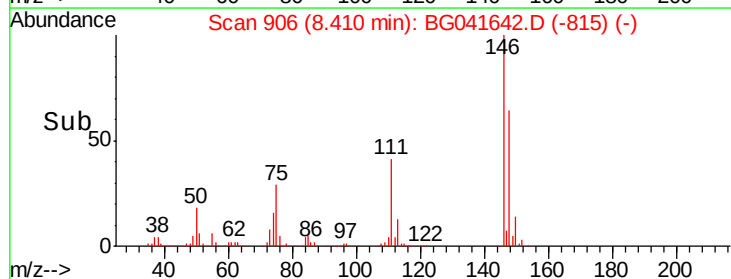
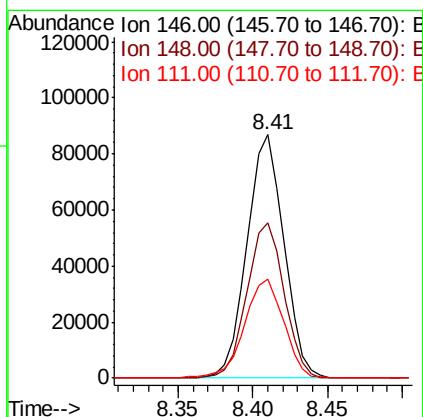
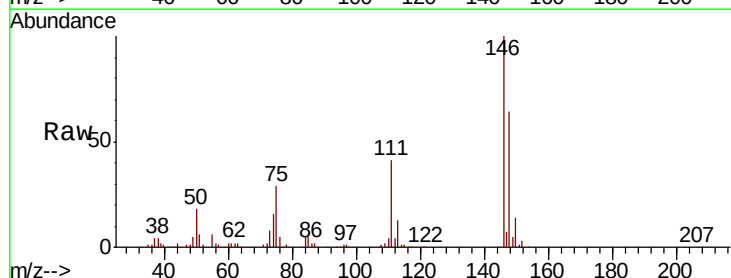
Instrument :
 BNA_G
 ClientSampleId :

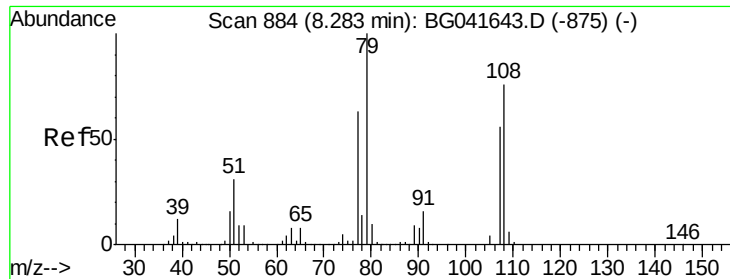
Tot Ion:146 Resp: 157383
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.6 79.0
 111 38.2 32.5 48.7



#14
 1,2-Dichlorobenzene
 Concen: 20.035 ng
 RT: 8.41 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BG041642.D
 Acq: 15 Jul 2019 9:10

Tgt Ion:146 Resp: 148305
 Ion Ratio Lower Upper
 146 100
 148 63.9 53.5 80.3
 111 40.6 35.4 53.0





#15

Benzyl Alcohol

Concen: 18.936 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Instrument :

BNA_G

ClientSampled :

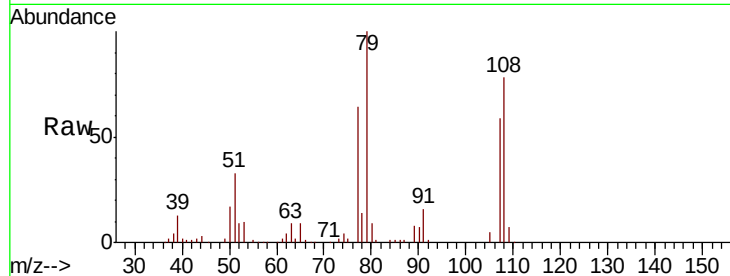
Tot Ion: 79 Resp: 118756

Ion Ratio Lower Upper

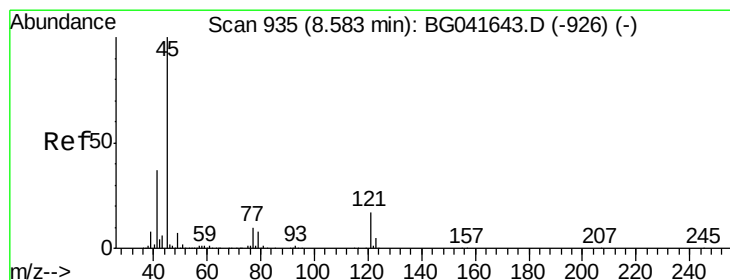
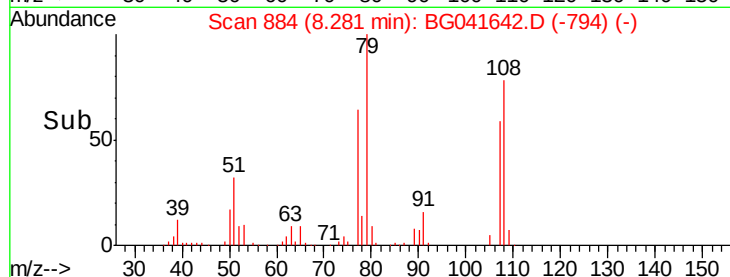
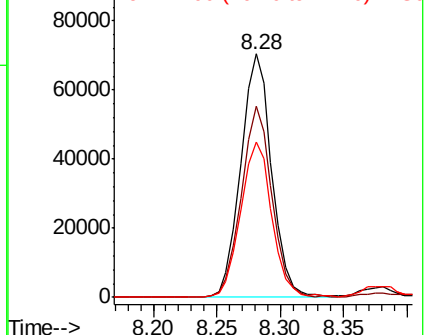
79 100

108 78.4 60.5 90.7

77 63.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.432 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

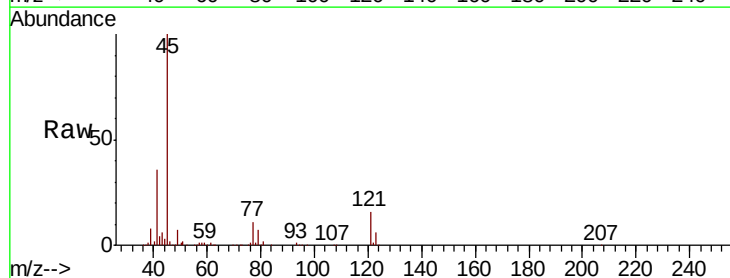
Tgt Ion: 45 Resp: 273970

Ion Ratio Lower Upper

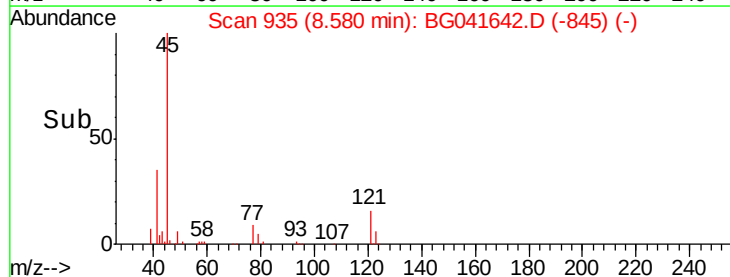
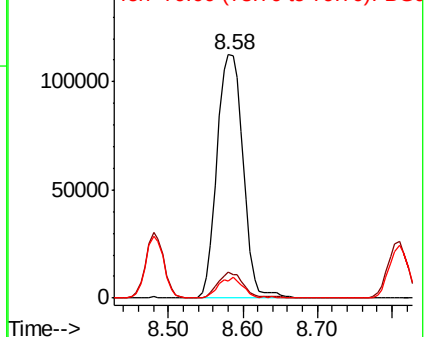
45 100

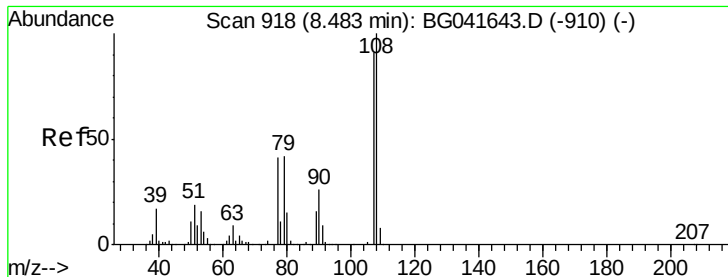
77 10.7 0.0 30.4

79 7.0 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 19.041 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 108975

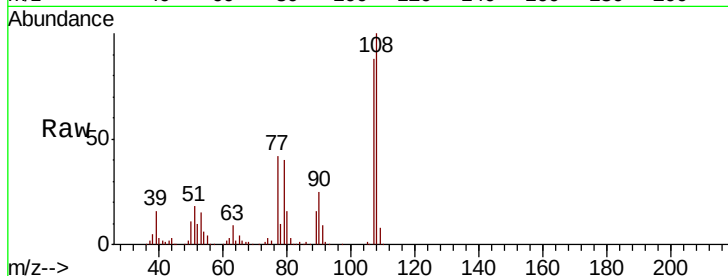
Ion Ratio Lower Upper

107 100

108 113.1 87.6 131.4

77 48.0 36.1 54.1

79 45.3 36.4 54.6

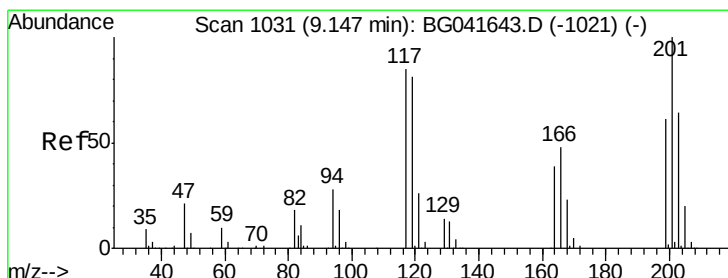
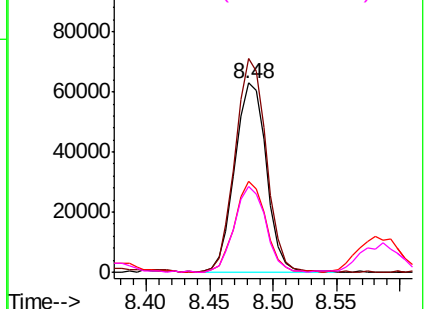
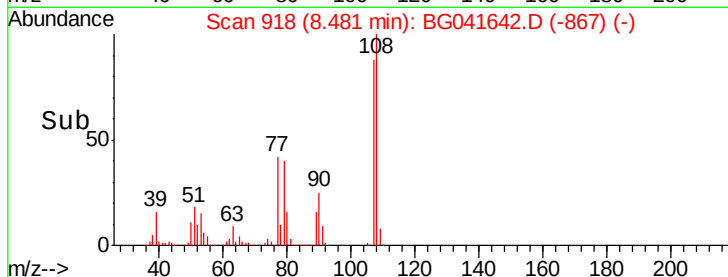


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 19.421 ng

RT: 9.14 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

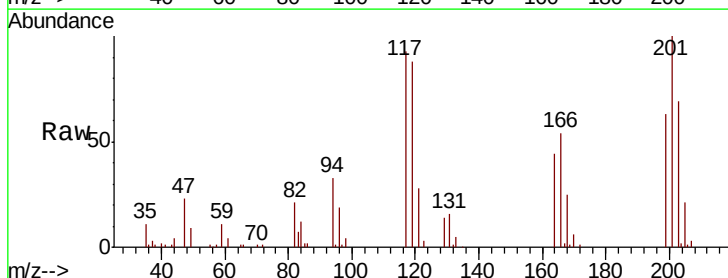
Tgt Ion:117 Resp: 56199

Ion Ratio Lower Upper

117 100

119 94.2 76.2 114.2

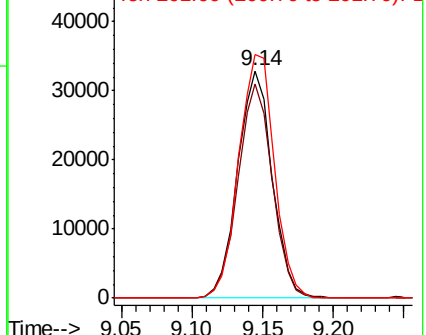
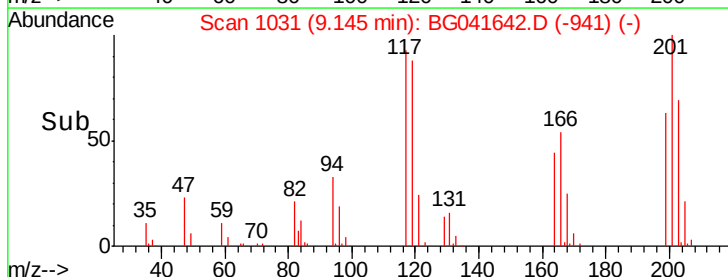
201 107.1 94.1 141.1

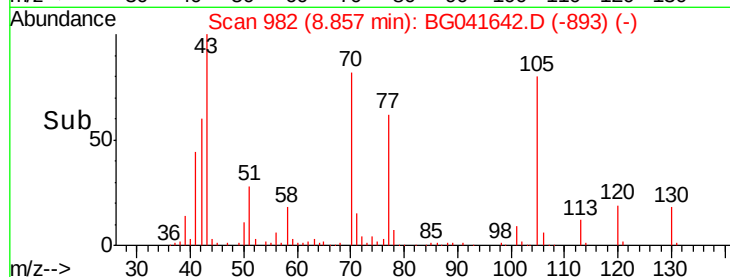
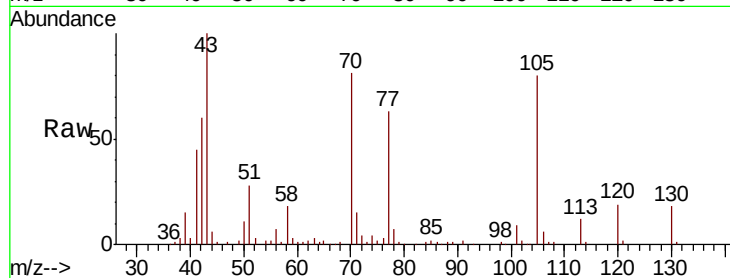
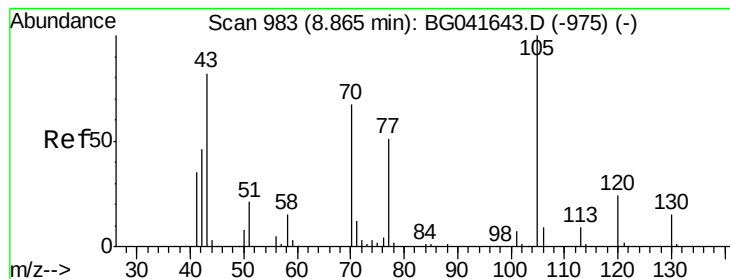


Abundance Ion 117.00 (116.70 to 117.70): E

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: 19.796 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 112495

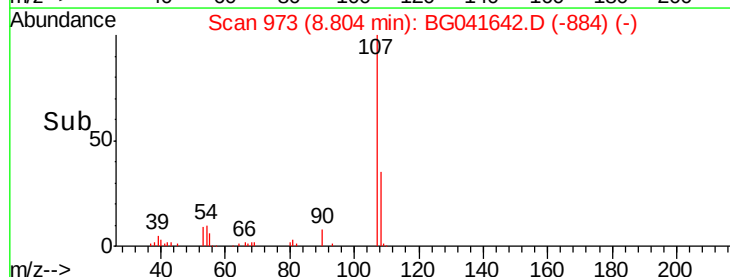
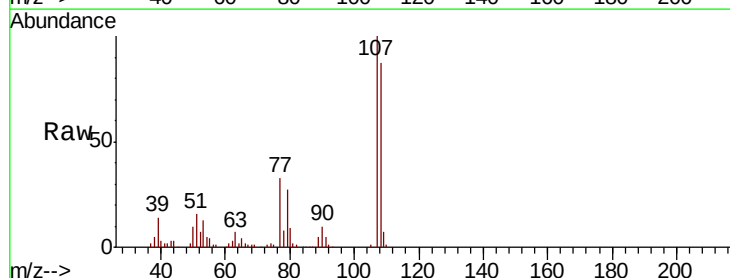
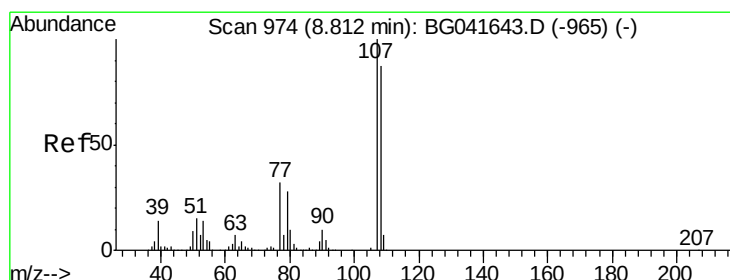
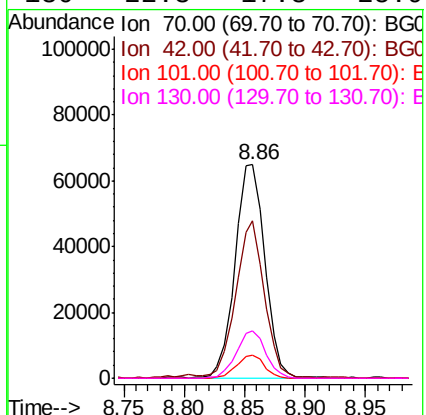
Ion Ratio Lower Upper

70 100

42 74.0 55.8 83.6

101 10.8 8.1 12.1

130 22.3 17.3 25.9



#20

3+4-Methylphenols

Concen: 19.285 ng

RT: 8.80 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Tgt Ion: 107 Resp: 151945

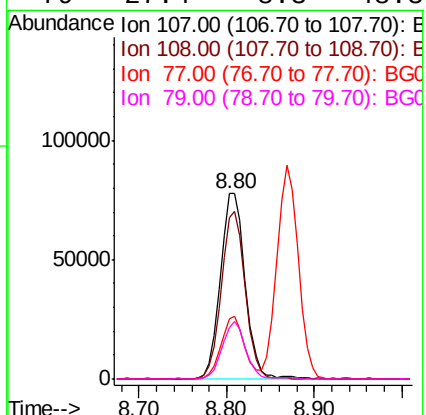
Ion Ratio Lower Upper

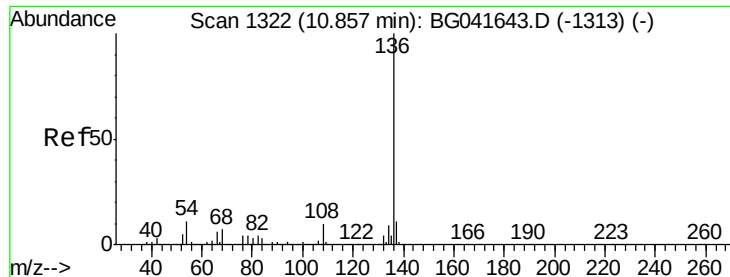
107 100

108 87.3 67.5 107.5

77 32.6 12.3 52.3

79 27.4 8.3 48.3

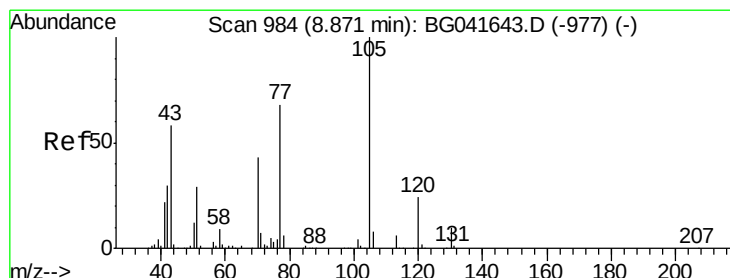
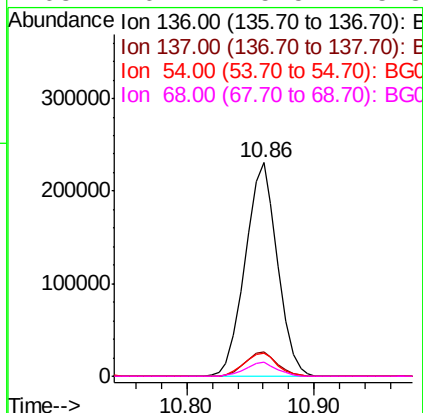
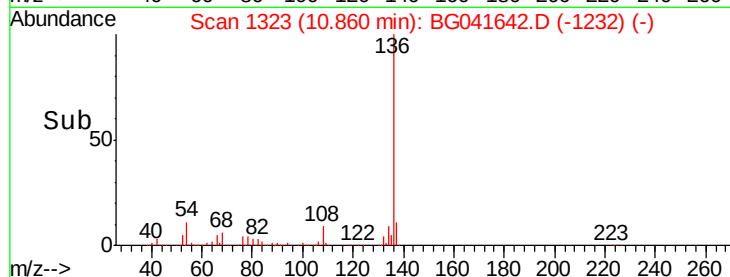
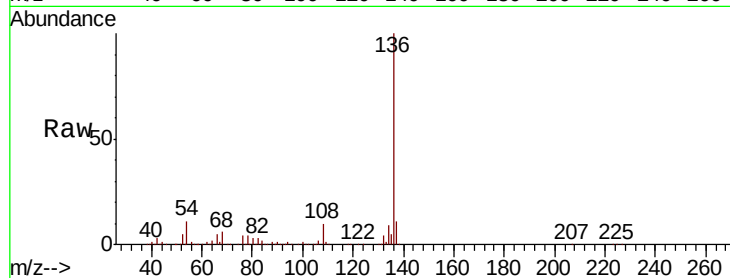




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

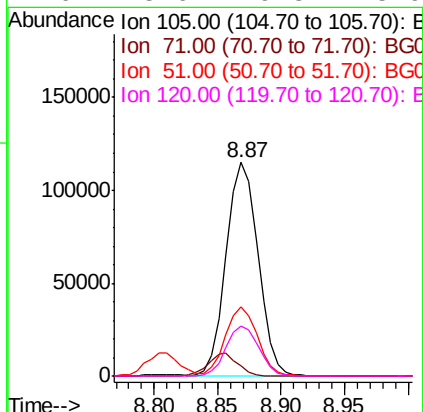
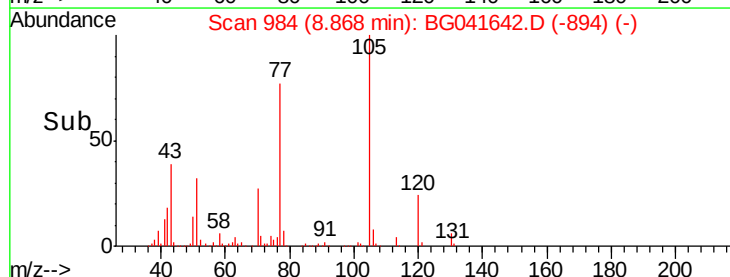
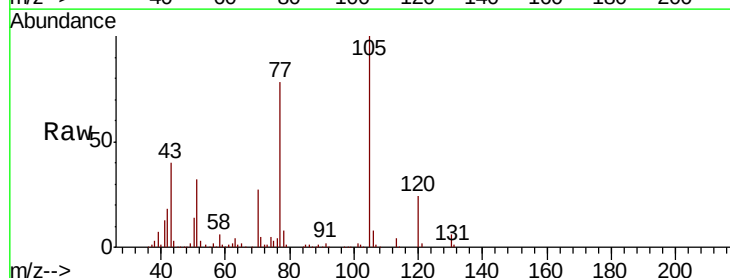
Instrument :
BNA_G
ClientSampleId :

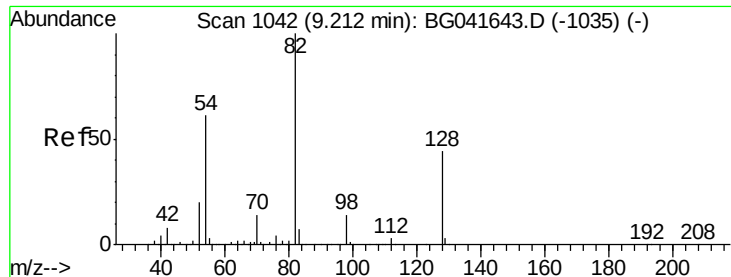
Tot Ion:136	Resp:	405977
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.2 13.8
54	11.0	8.7 13.1
68	6.4	5.5 8.3



#22
Acetophenone
Concen: 20.012 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

Tgt Ion:105	Resp:	201039
Ion Ratio	Lower	Upper
105	100	
71	4.5	5.9 8.9#
51	32.3	27.7 41.5
120	23.6	19.3 28.9

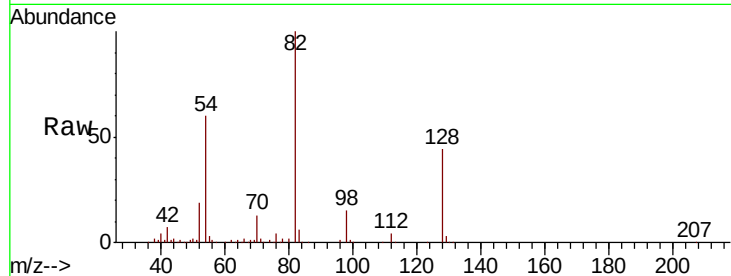




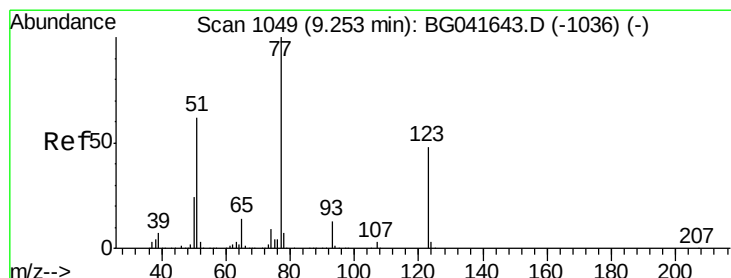
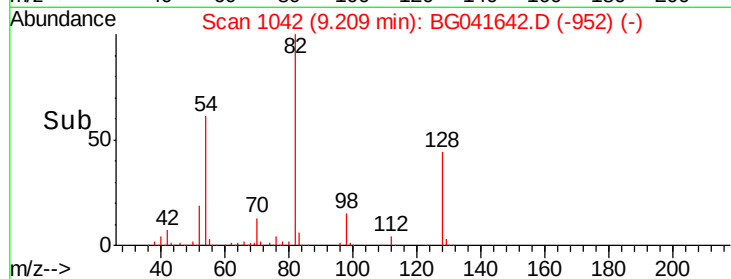
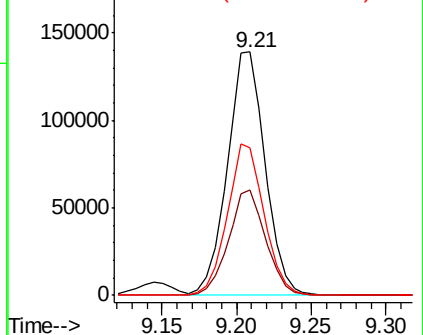
#23
 Nitrobenzene-d5
 Concen: 36.823 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041642.D
 Acq: 15 Jul 2019 9:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	245296
Ion Ratio	Lower	Upper	
82	100		
128	43.5	35.1	52.7
54	60.5	48.7	73.1

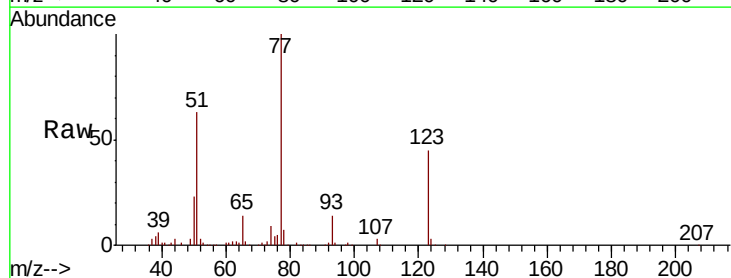


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

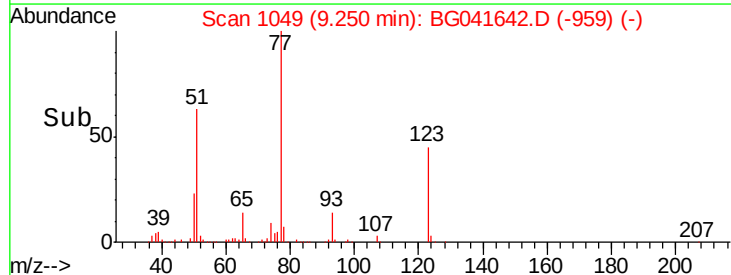
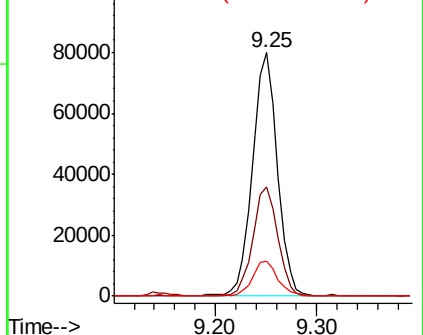


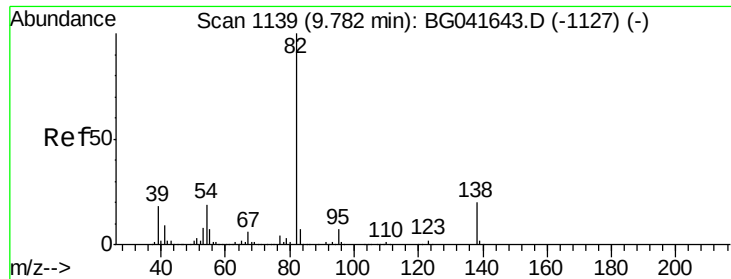
#24
 Nitrobenzene
 Concen: 19.567 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG041642.D
 Acq: 15 Jul 2019 9:10

Tgt Ion	77	Resp	136129
Ion Ratio	Lower	Upper	
77	100		
123	44.8	38.1	57.1
65	14.3	11.0	16.6



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





#25

Isophorone

Concen: 20.428 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Instrument :

BNA_G

ClientSampleId :

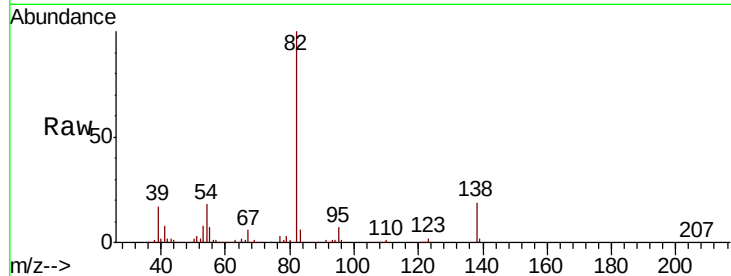
Tot Ion: 82 Resp: 296336

Ion Ratio Lower Upper

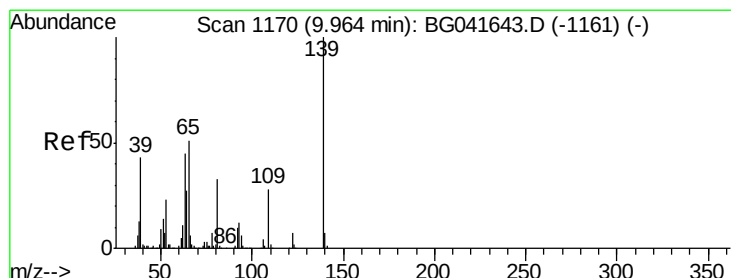
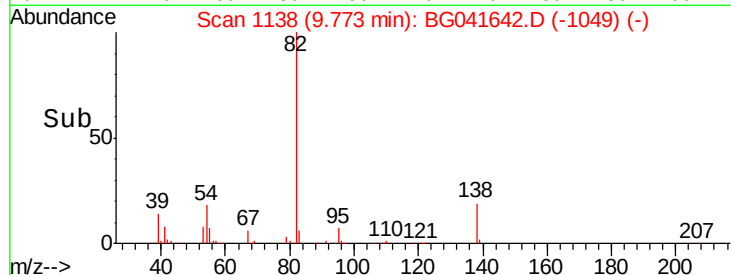
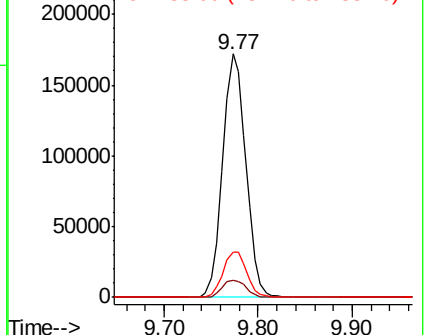
82 100

95 7.1 5.9 8.9

138 18.8 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: 16.263 ng

RT: 9.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

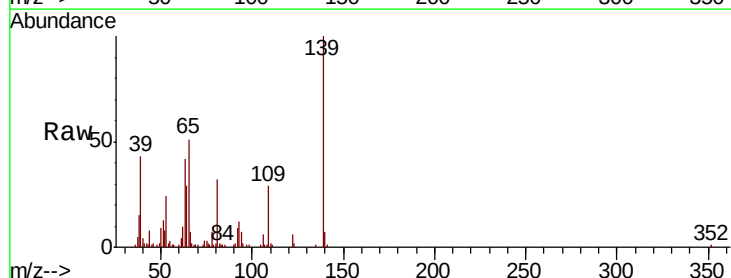
Tgt Ion: 139 Resp: 49810

Ion Ratio Lower Upper

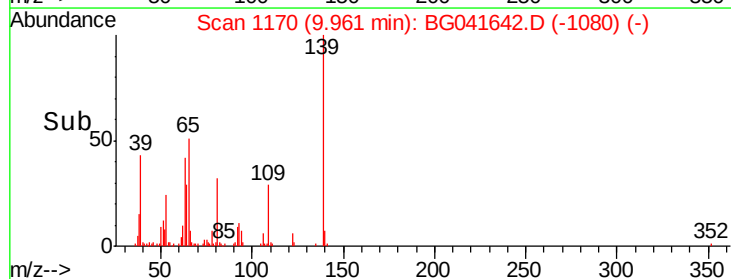
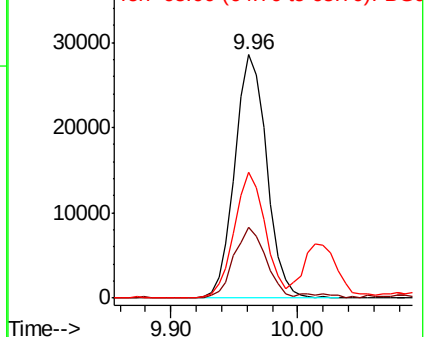
139 100

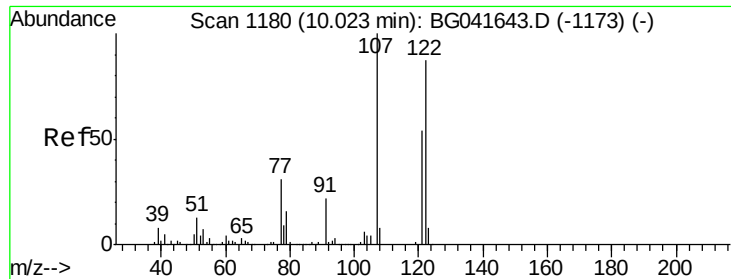
109 28.8 22.7 34.1

65 51.5 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

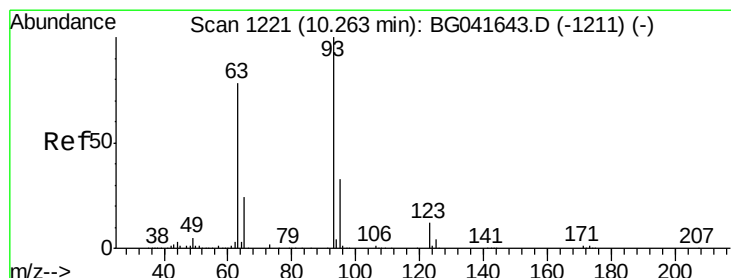
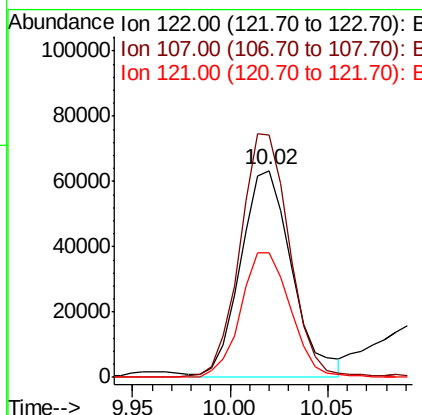
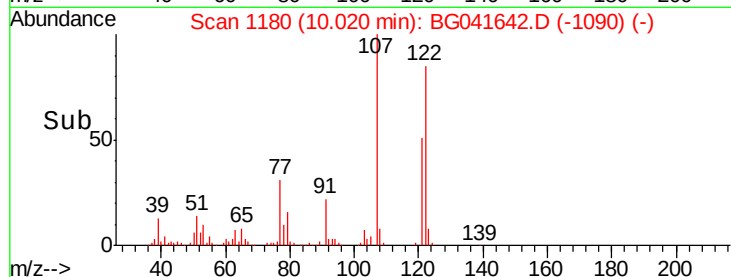
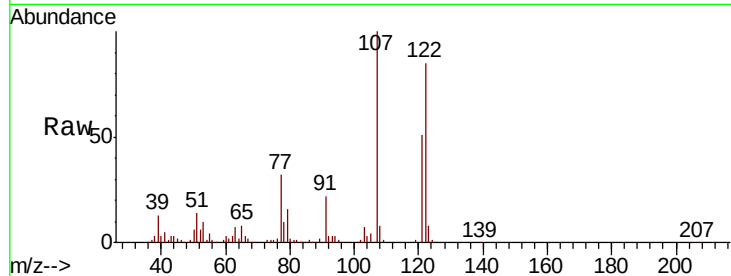




#27
 2,4-Dimethylphenol
 Concen: 19.879 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BG041642.D
 Acq: 15 Jul 2019 9:10

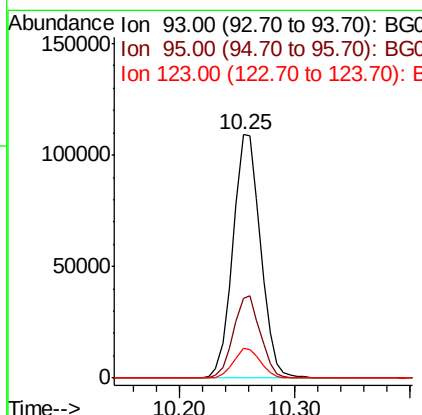
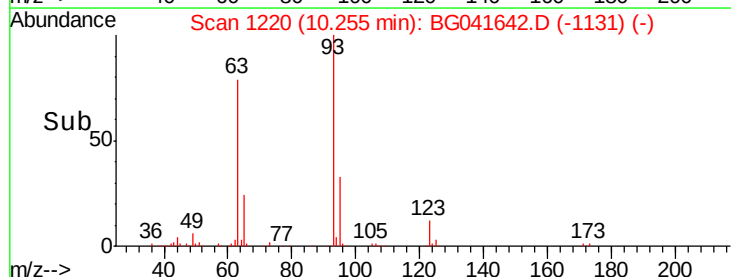
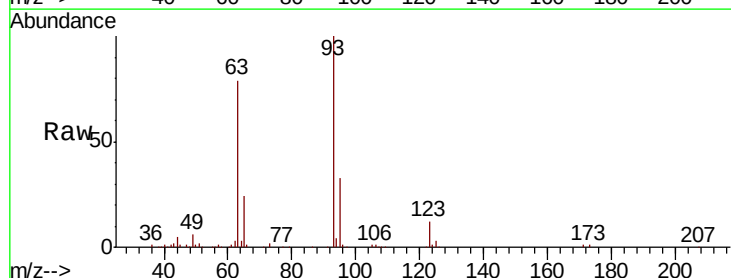
Instrument :
 BNA_G
 ClientSampled :

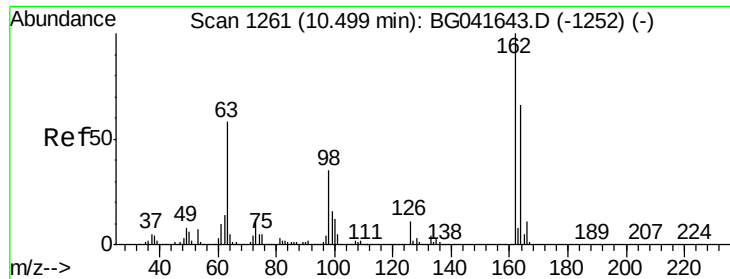
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.2	91.3	136.9
121	60.4	49.2	73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 20.155 ng
 RT: 10.25 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BG041642.D
 Acq: 15 Jul 2019 9:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	12.1	9.9	14.9

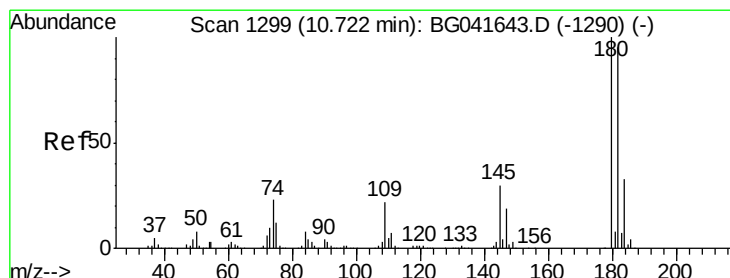
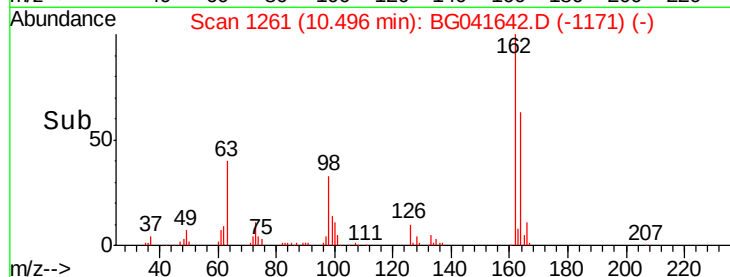
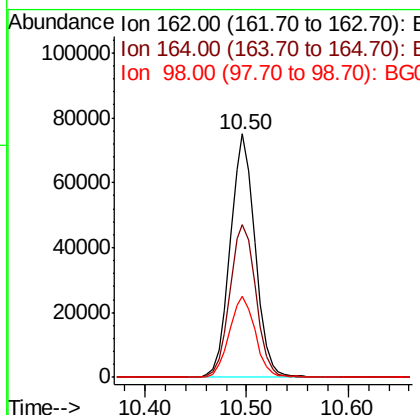
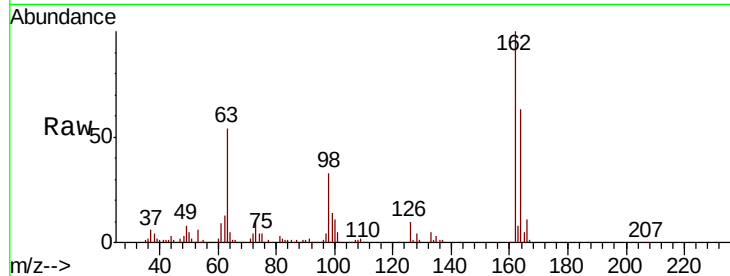




#29
 2,4-Dichlorophenol
 Concen: 19.061 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG041642.D
 Acq: 15 Jul 2019 9:10

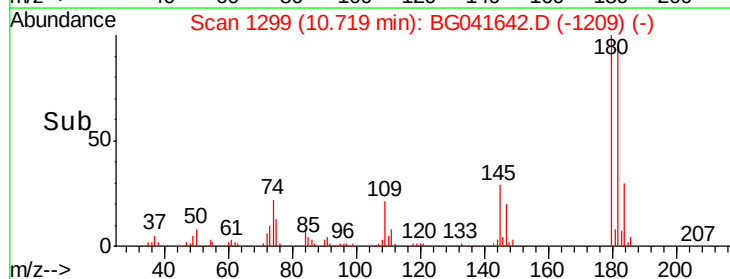
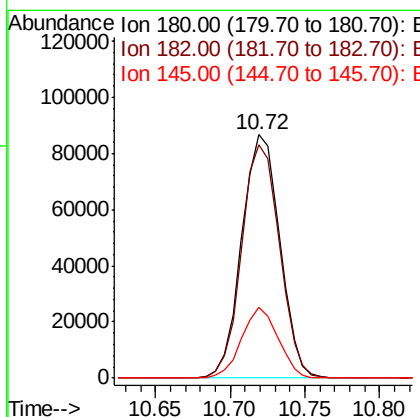
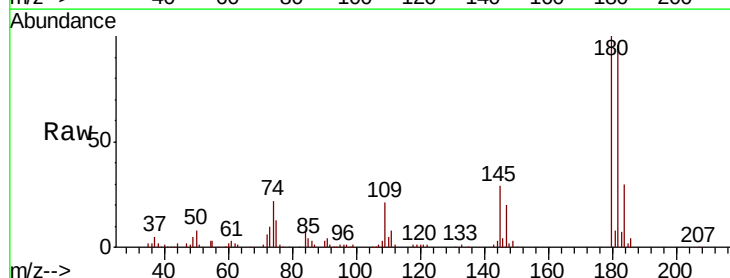
Instrument :
 BNA_G
 ClientSampleId :

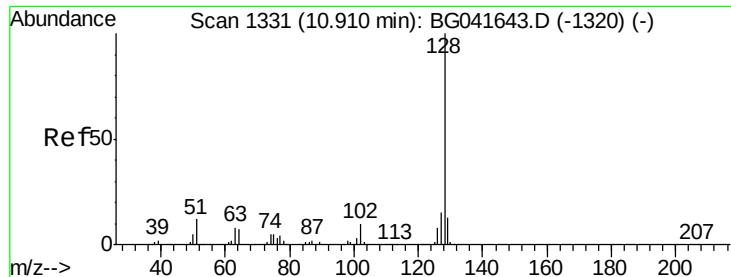
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	46.1	86.1
98	33.1	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 19.698 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BG041642.D
 Acq: 15 Jul 2019 9:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.2	114.2
145	29.1	23.8	35.8

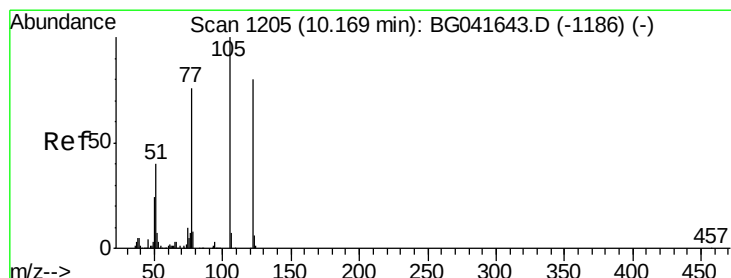
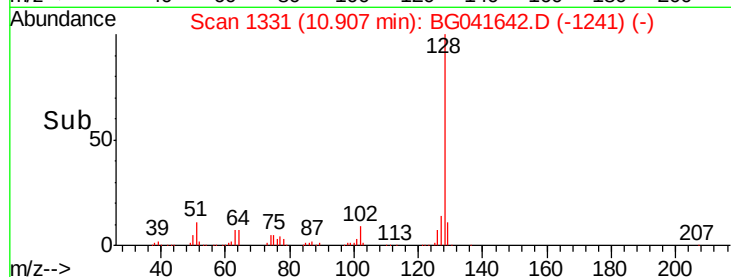
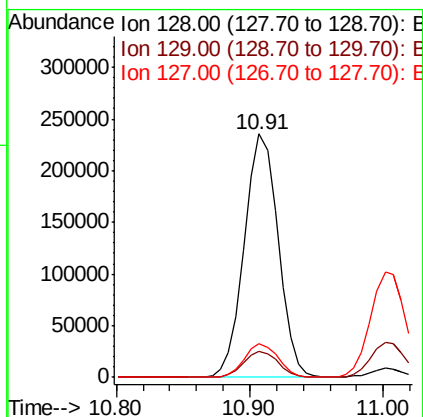
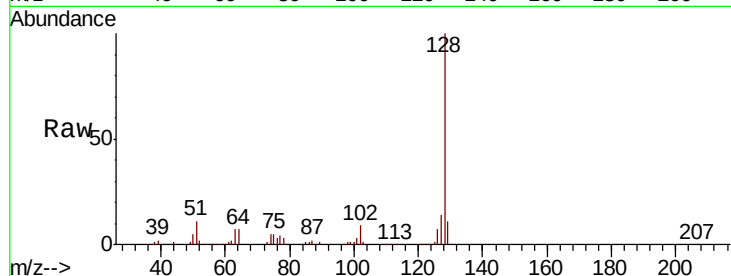




#31
Naphthalene
Concen: 20.857 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

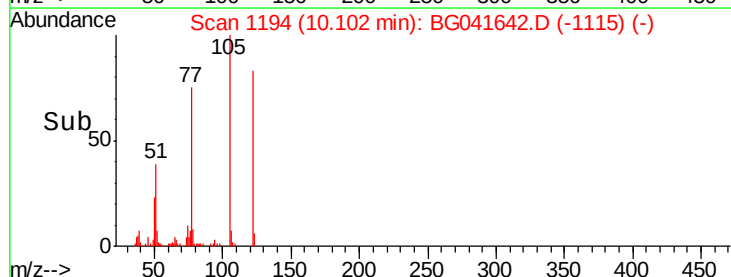
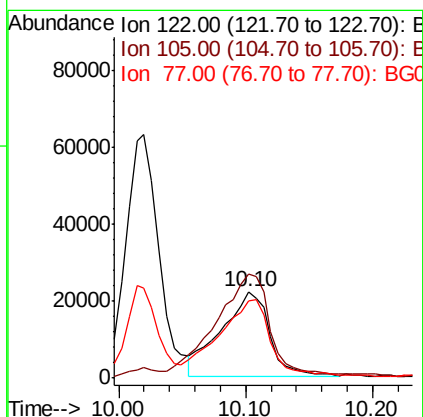
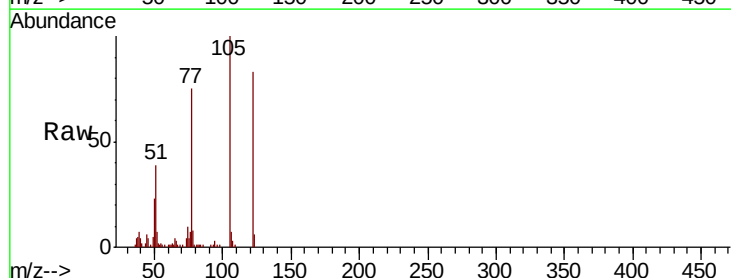
Instrument :
BNA_G
ClientSampleId :

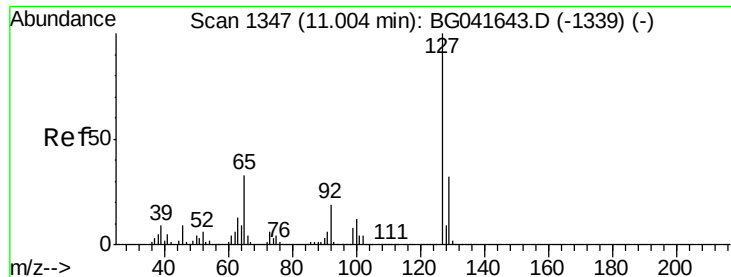
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	10.0	15.0
127	13.7	12.3	18.5



#32
Benzoic acid
Concen: 13.804 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.07 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.2	101.5	141.5
77	89.9	73.0	113.0

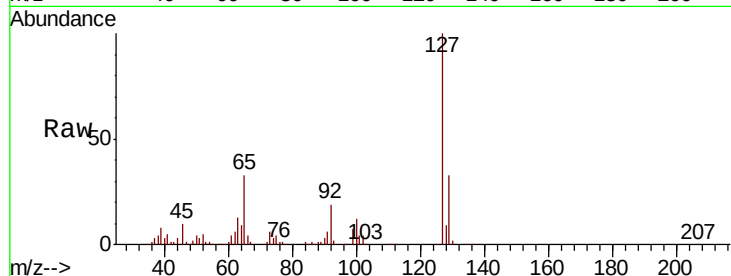




#33
4-Chloroaniline
Concen: 19.307 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	183963
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.8	38.8
65	32.7	26.7	40.1
92	19.5	15.4	23.0



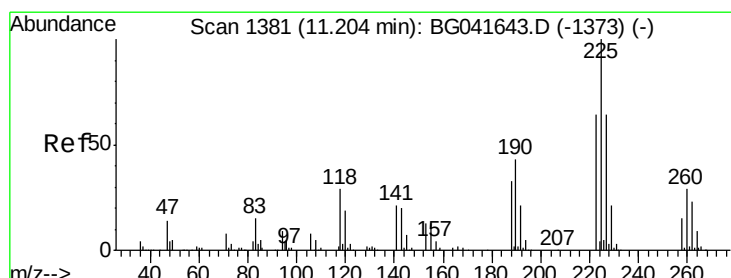
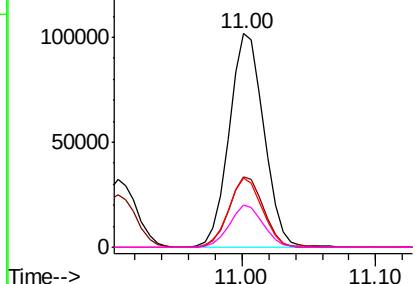
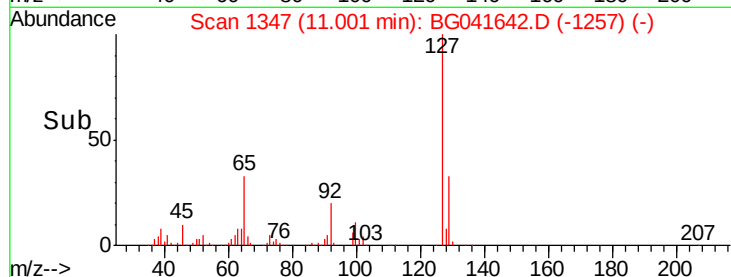
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

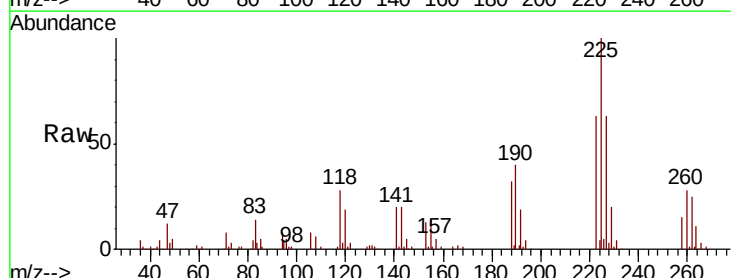
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 19.284 ng
RT: 11.21 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

Tgt Ion:	225	Resp:	97098
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.1	76.7
227	63.1	50.9	76.3

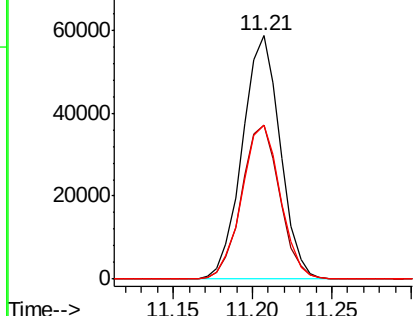
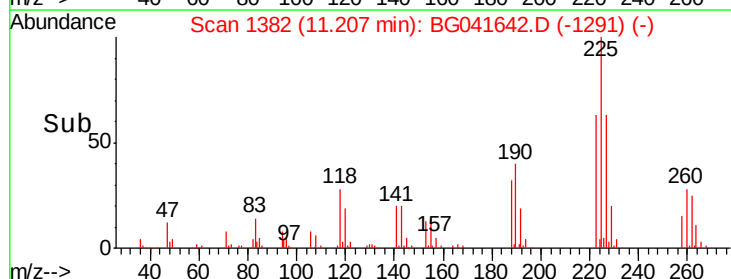


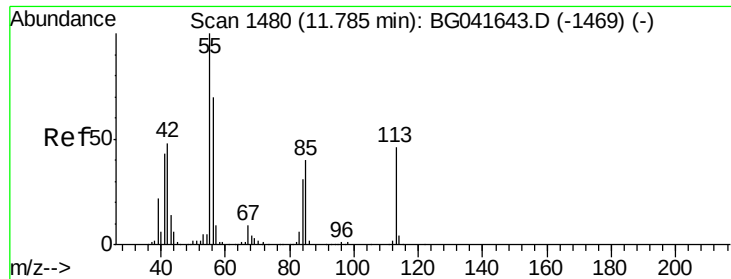
Abundance

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: 18.894 ng

RT: 11.75 min Scan# 1474

Delta R.T. -0.04 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Instrument :

BNA_G

ClientSampled :

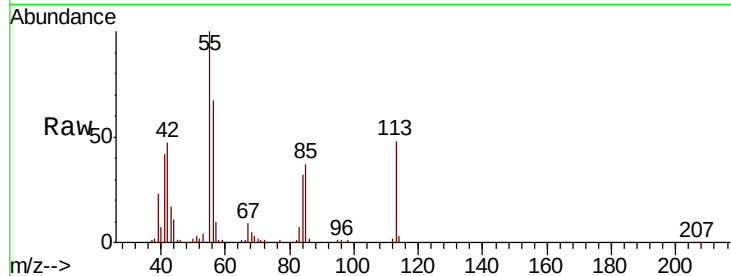
Tot Ion:113 Resp: 48092

Ion Ratio Lower Upper

113 100

55 206.6 199.4 239.4

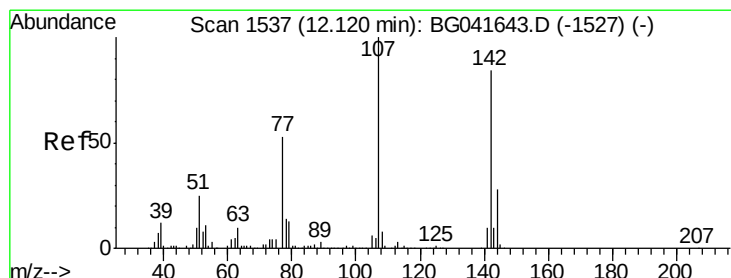
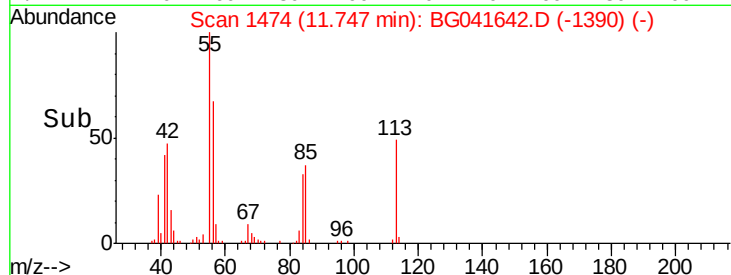
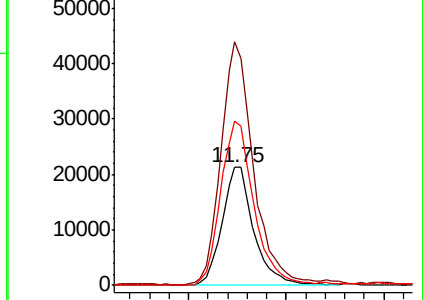
56 139.1 133.6 173.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 19.979 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

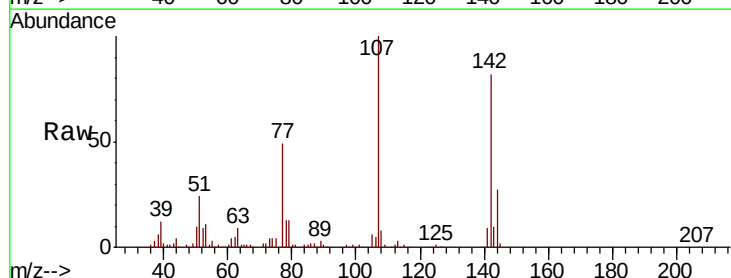
Tgt Ion:107 Resp: 138633

Ion Ratio Lower Upper

107 100

144 27.3 22.2 33.2

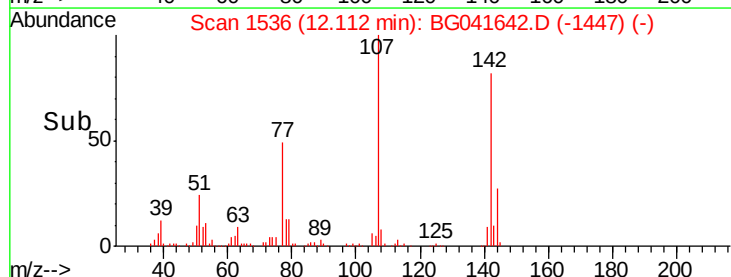
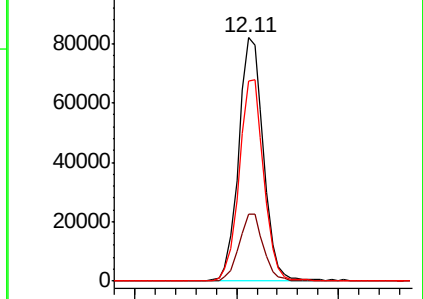
142 82.1 67.3 100.9

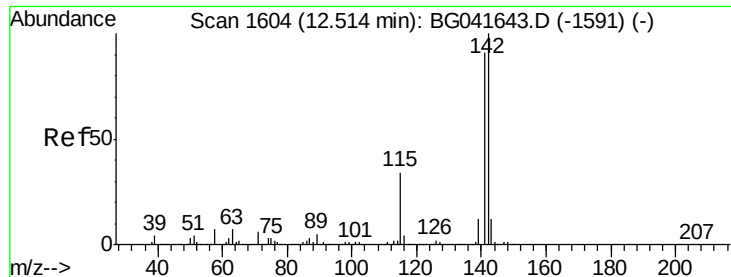


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

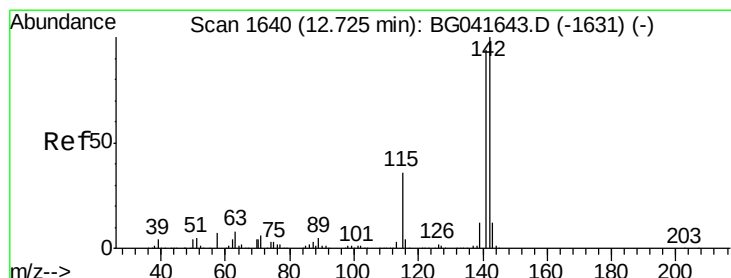
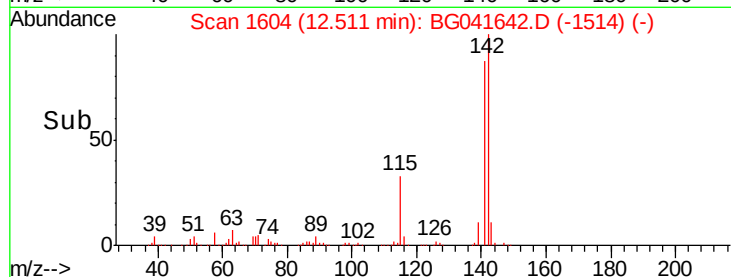
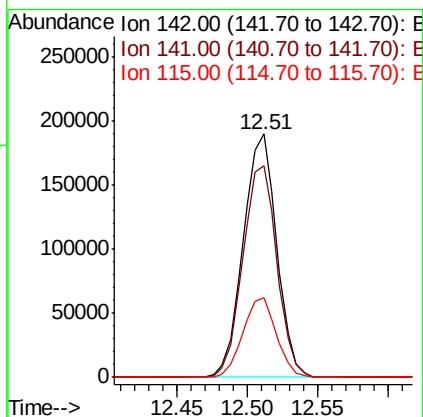
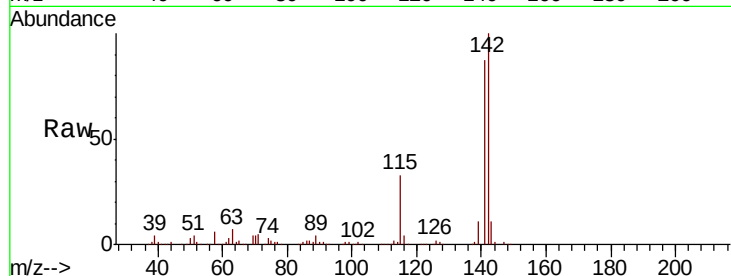




#37
 2-Methylnaphthalene
 Concen: 20.776 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BG041642.D
 Acq: 15 Jul 2019 9:10

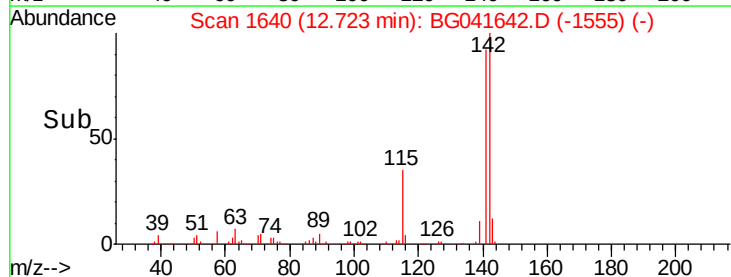
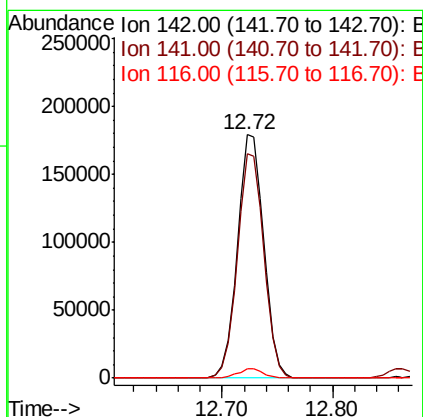
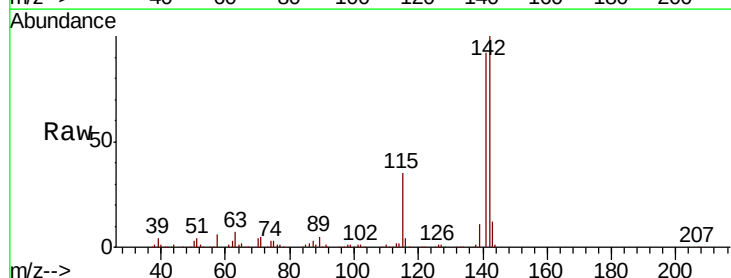
Instrument :
 BNA_G
 ClientSampleId :

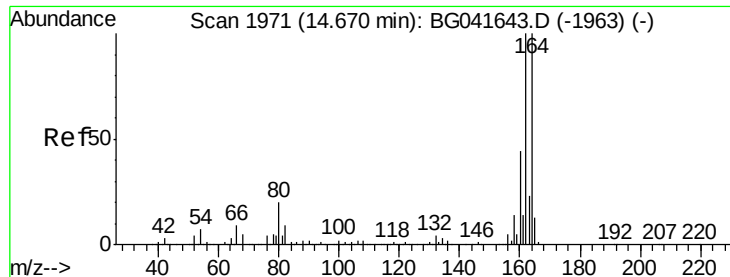
Tot Ion:142 Resp: 314696
 Ion Ratio Lower Upper
 142 100
 141 87.1 72.7 109.1
 115 32.8 27.0 40.4



#38
 1-Methylnaphthalene
 Concen: 20.834 ng
 RT: 12.72 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BG041642.D
 Acq: 15 Jul 2019 9:10

Tgt Ion:142 Resp: 299526
 Ion Ratio Lower Upper
 142 100
 141 92.0 75.4 113.2
 116 4.0 3.2 4.8

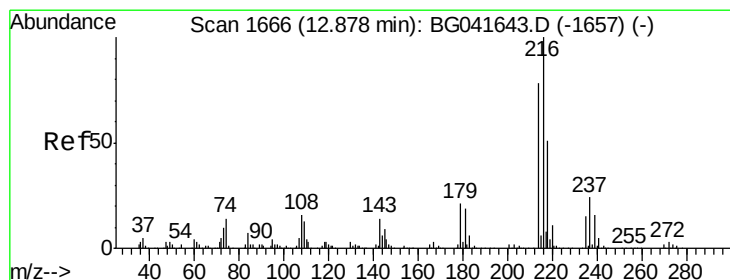
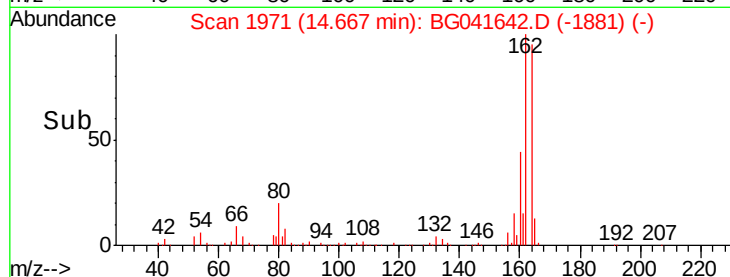
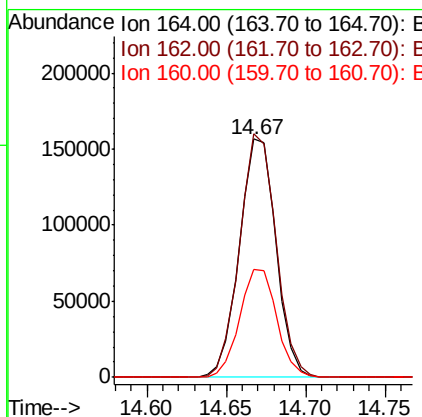
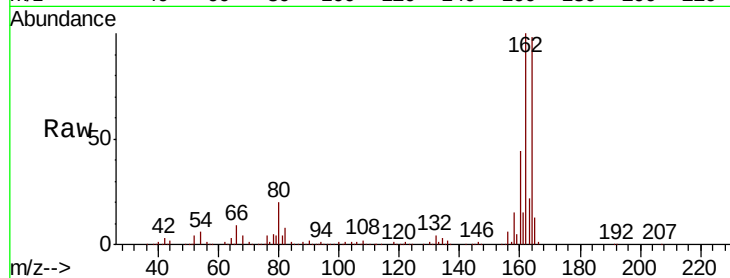




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

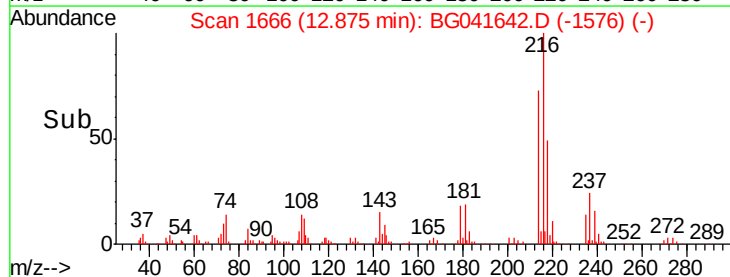
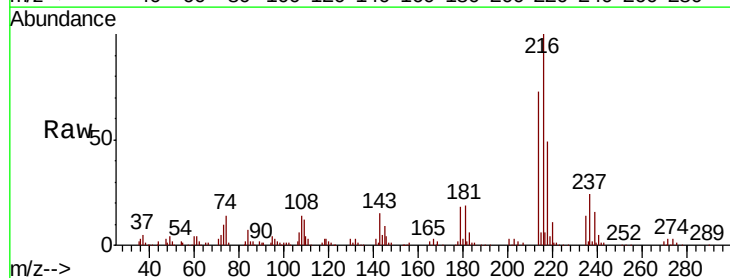
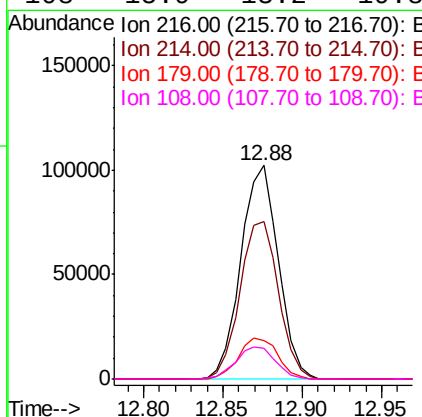
Instrument :
BNA_G
ClientSampleId :

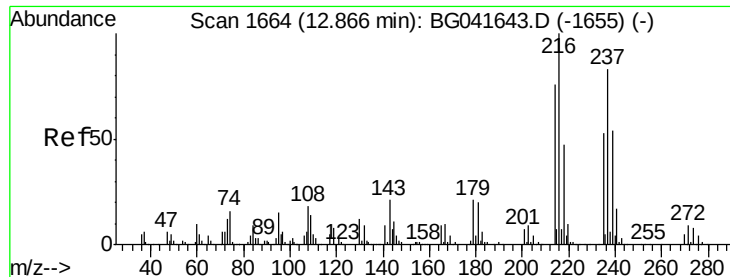
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.6	119.4
160	45.1	35.4	53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.781 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

Tgt Ion	Ratio	Lower	Upper
216	100		
214	75.9	61.5	92.3
179	20.3	16.2	24.2
108	15.9	13.2	19.8





#41

Hexachlorocyclopentadiene

Concen: 17.292 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Instrument :

BNA_G

ClientSampleId :

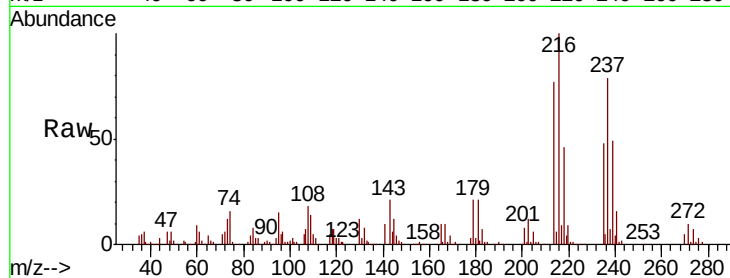
Tot Ion:237 Resp: 89670

Ion Ratio Lower Upper

237 100

235 60.8 43.5 83.5

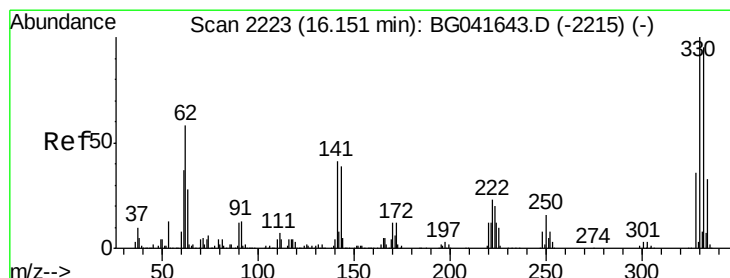
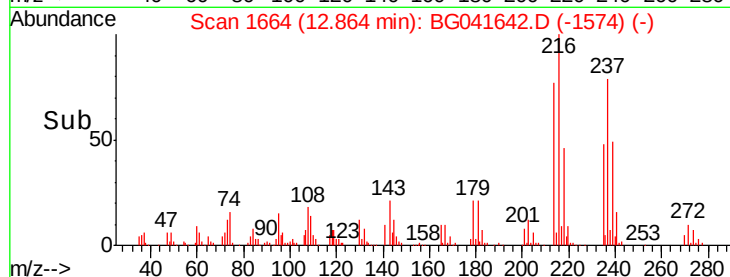
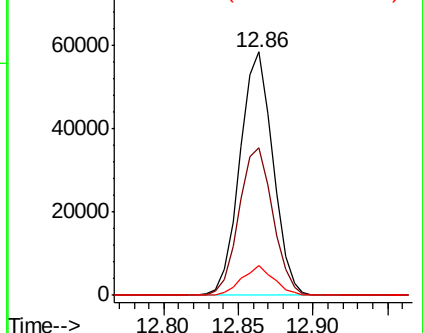
272 12.2 0.0 31.2



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: 37.742 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

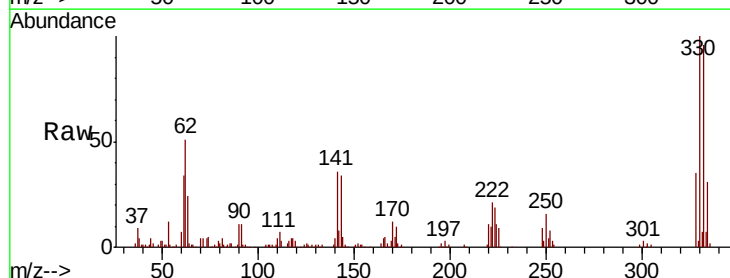
Tgt Ion:330 Resp: 107798

Ion Ratio Lower Upper

330 100

332 94.8 77.4 116.0

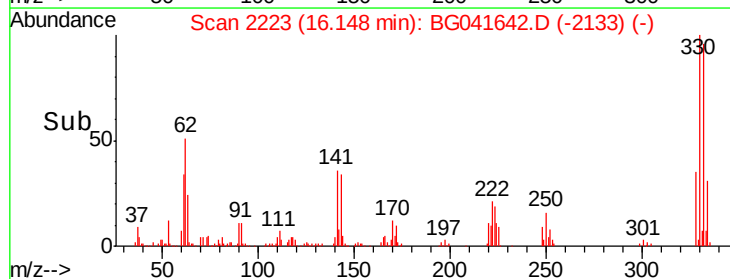
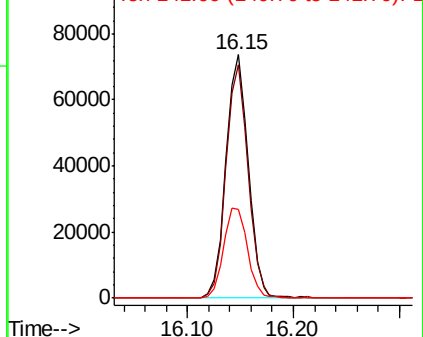
141 39.8 31.9 47.9

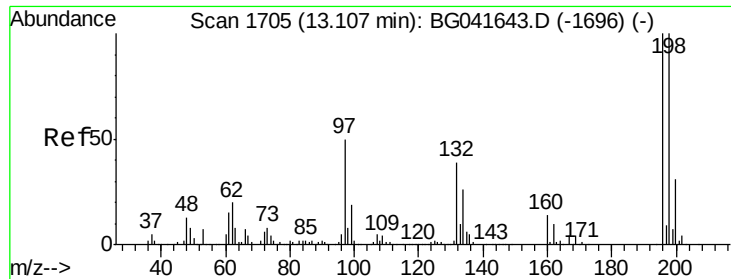


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

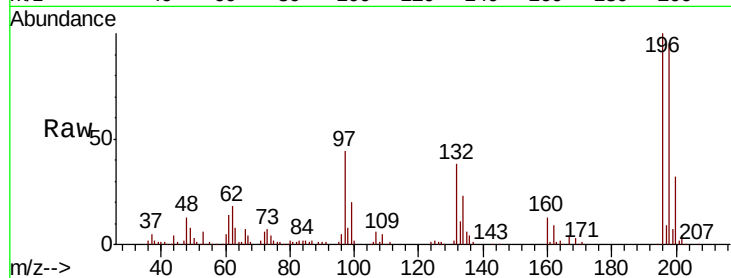




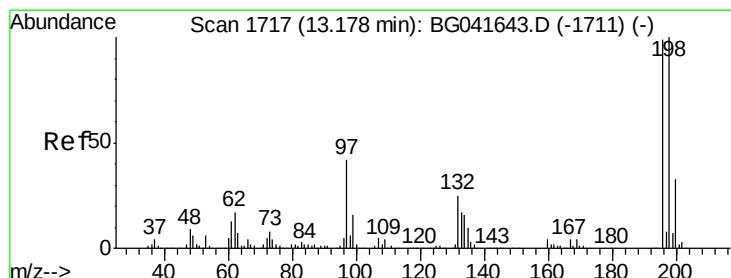
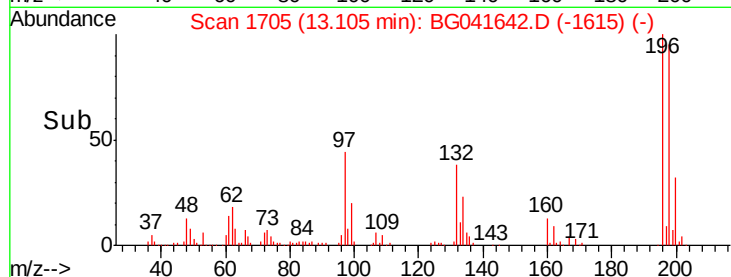
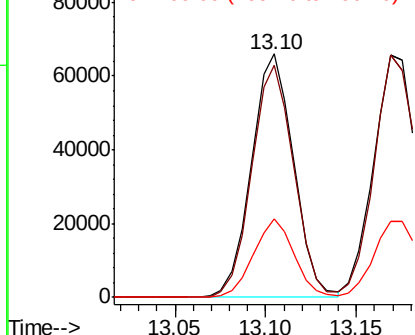
#43
 2,4,6-Trichlorophenol
 Concen: 19.154 ng
 RT: 13.10 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG041642.D
 Acq: 15 Jul 2019 9:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 106424
 Ion Ratio Lower Upper
 196 100
 198 95.2 79.6 119.4
 200 32.3 25.2 37.8

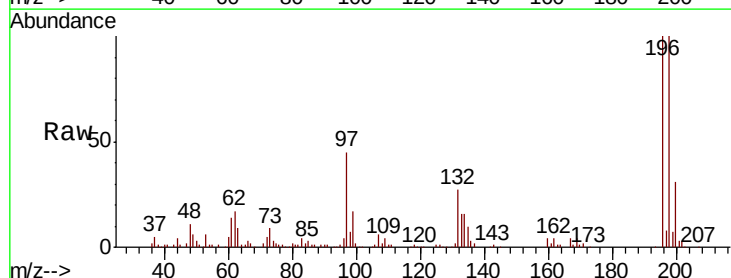


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

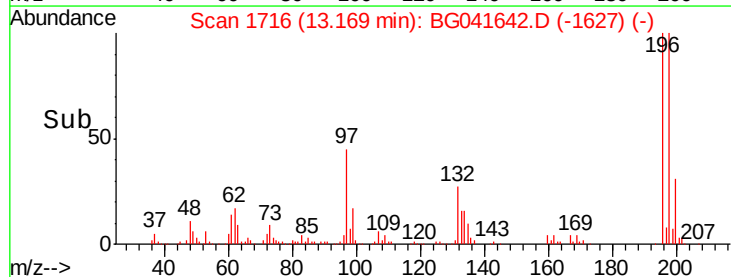
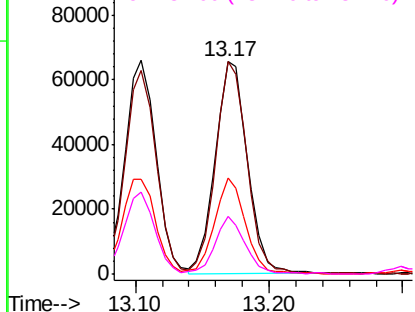


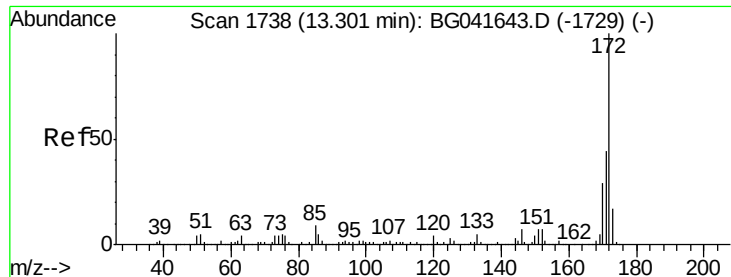
#44
 2,4,5-Trichlorophenol
 Concen: 19.544 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG041642.D
 Acq: 15 Jul 2019 9:10

Tgt Ion:196 Resp: 110901
 Ion Ratio Lower Upper
 196 100
 198 100.3 80.6 121.0
 97 45.4 33.9 50.9
 132 27.4 20.2 30.2



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

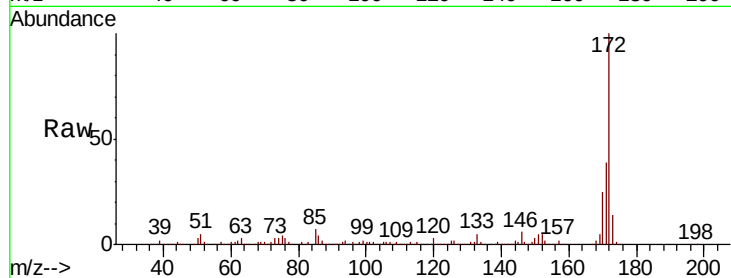




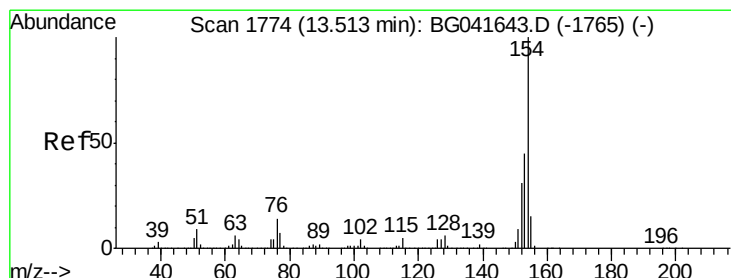
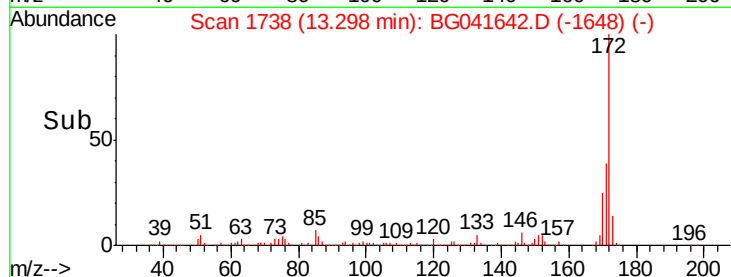
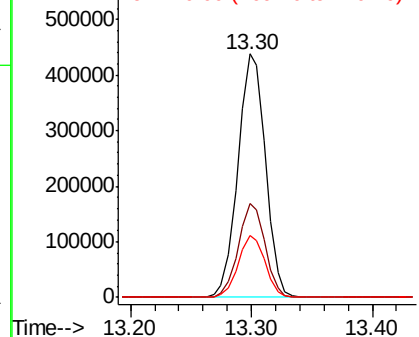
#45
2-Fluorobiphenyl
Concen: 43.619 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 692984
Ion Ratio Lower Upper
172 100
171 38.6 35.0 52.4
170 25.2 23.5 35.3

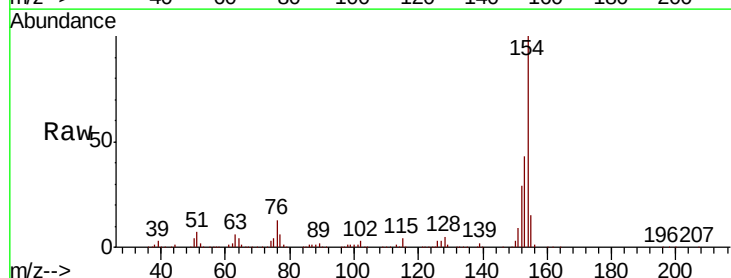


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

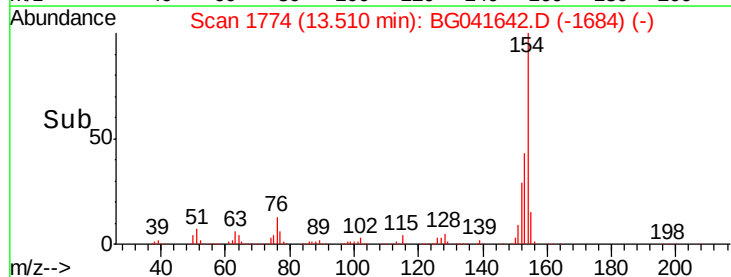
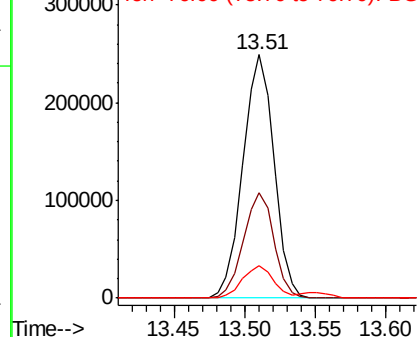


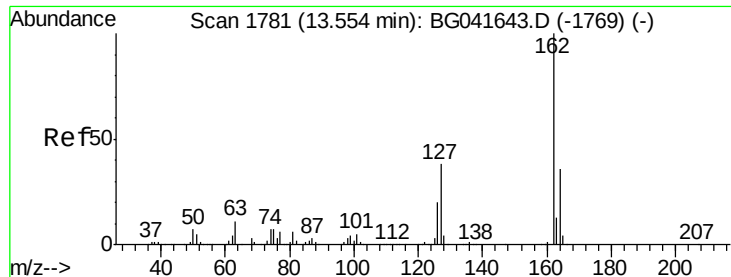
#46
1,1'-Biphenyl
Concen: 20.755 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

Tgt Ion:154 Resp: 383060
Ion Ratio Lower Upper
154 100
153 43.3 25.0 65.0
76 13.3 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

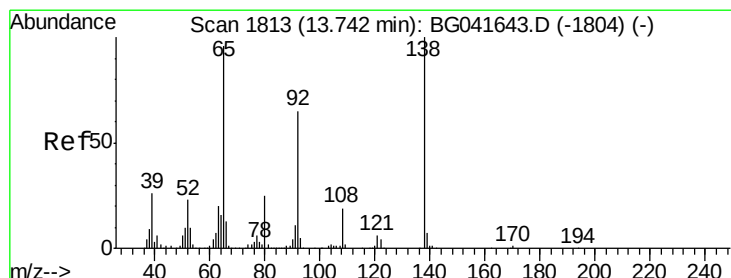
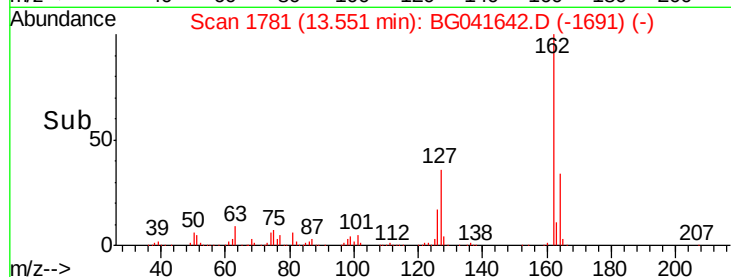
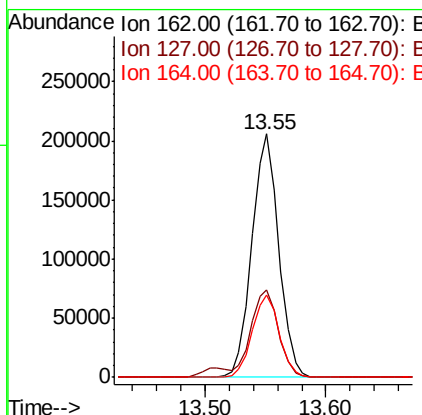
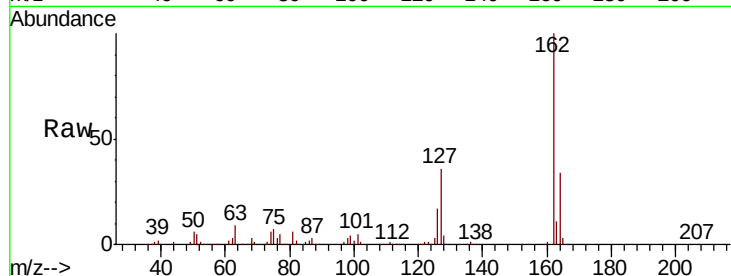




#47
2-Chloronaphthalene
Concen: 20.674 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

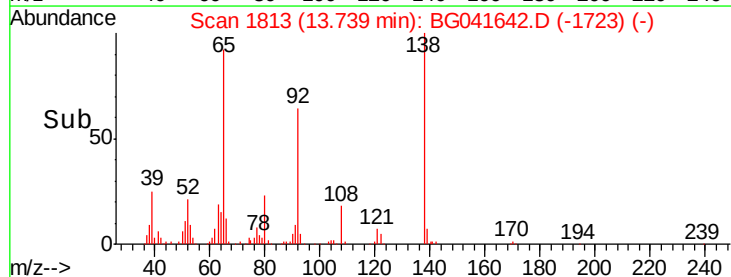
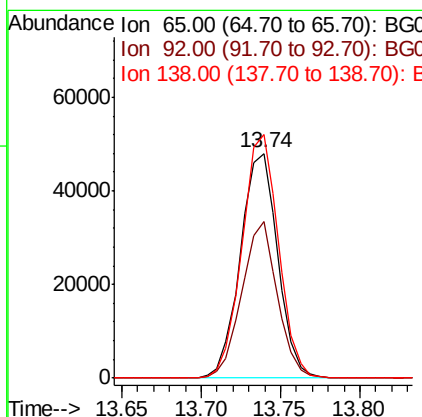
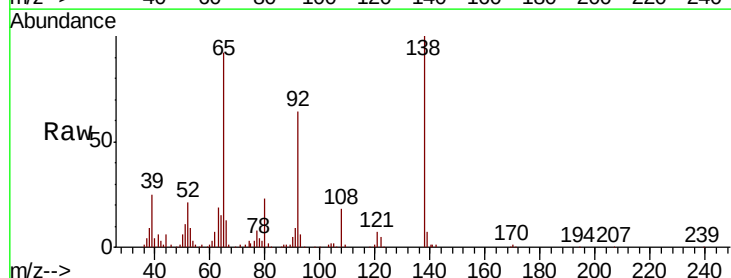
Instrument :
BNA_G
ClientSampled :

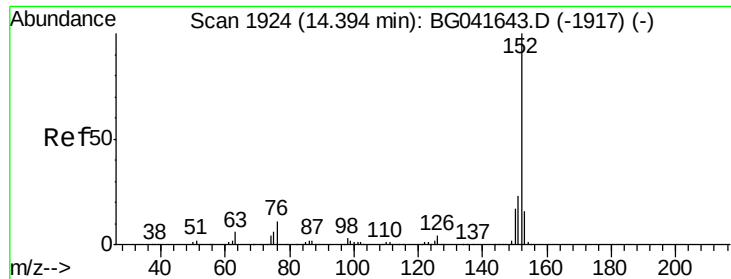
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.0	30.4	45.6
164	33.7	28.6	42.8



#48
2-Nitroaniline
Concen: 18.431 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	53.9	80.9
138	108.3	83.5	125.3





#49

Acenaphthylene

Concen: 21.883 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

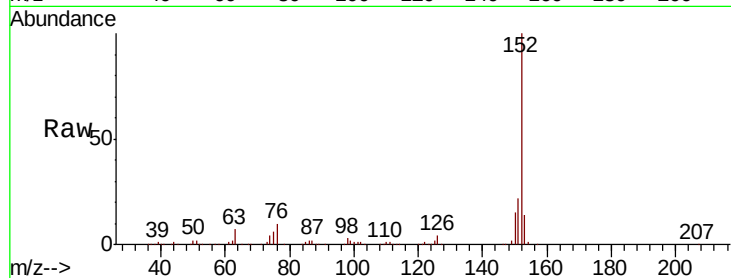
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 512274

Ion	Ratio	Lower	Upper
152	100		
151	22.0	18.7	28.1
153	13.6	12.4	18.6

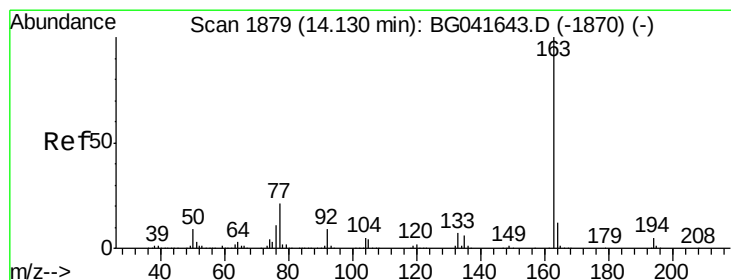
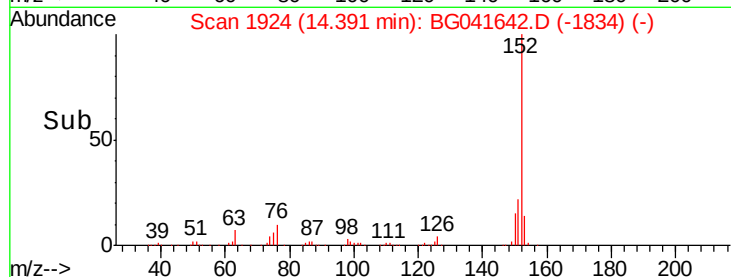
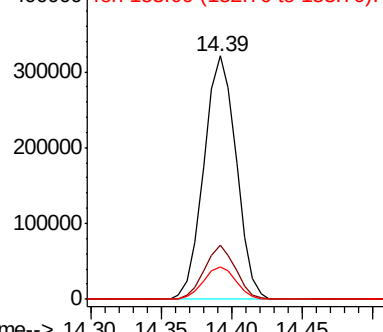


Abundance

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: 20.969 ng

RT: 14.12 min Scan# 1878

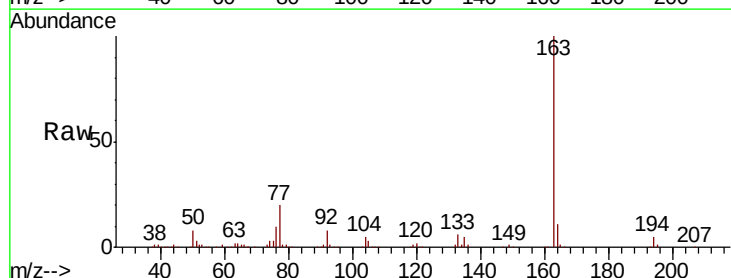
Delta R.T. -0.01 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Tgt Ion:163 Resp: 410375

Ion	Ratio	Lower	Upper
163	100		
194	4.5	4.2	6.2
164	10.7	9.4	14.2

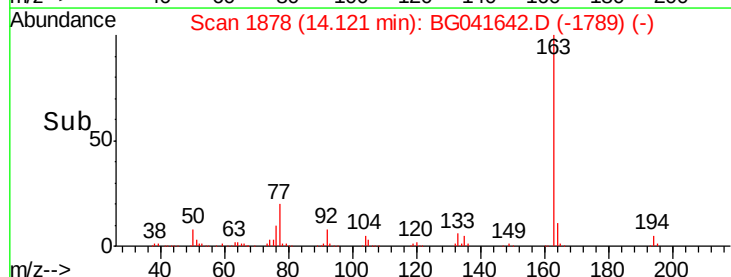
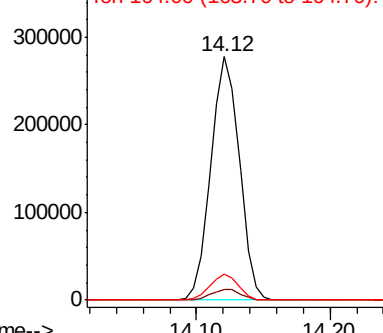


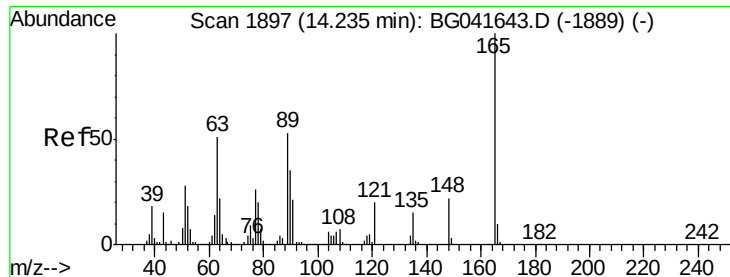
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

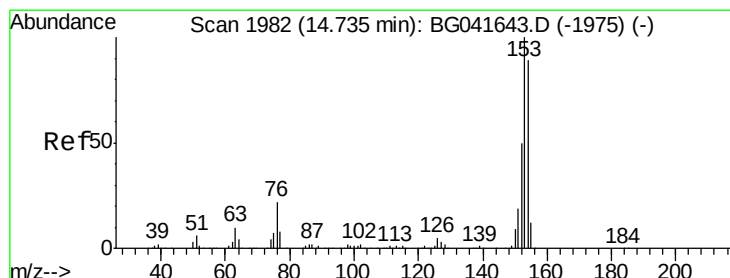
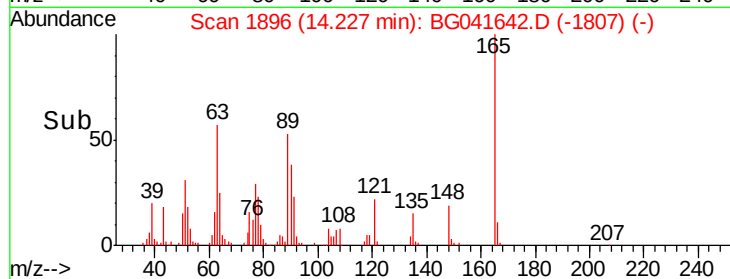
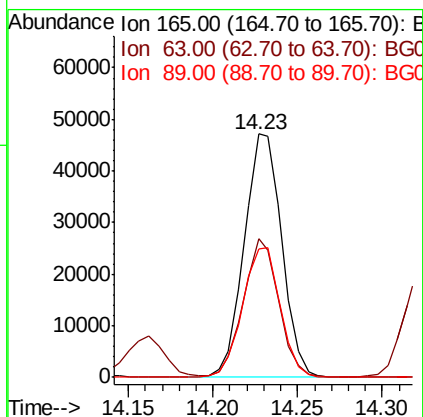
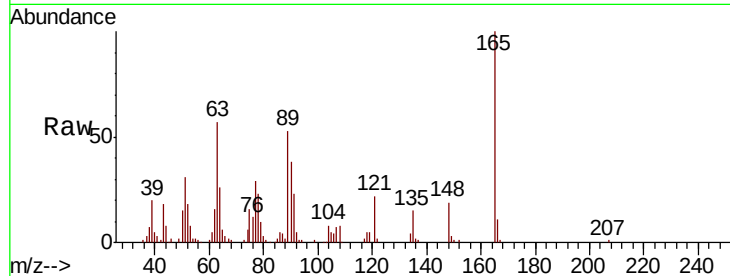




#51
 2,6-Dinitrotoluene
 Concen: 18.617 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG041642.D
 Acq: 15 Jul 2019 9:10

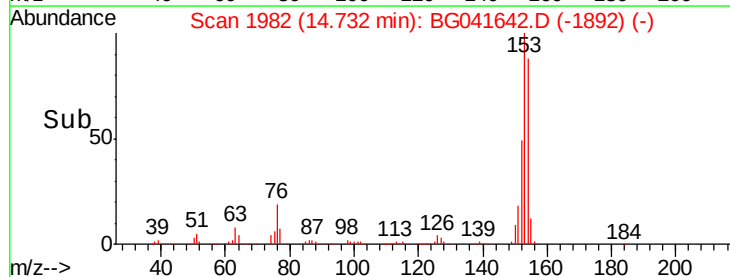
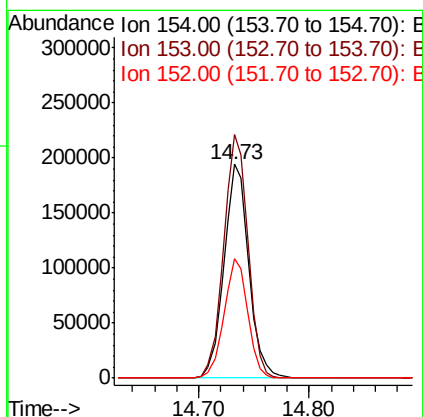
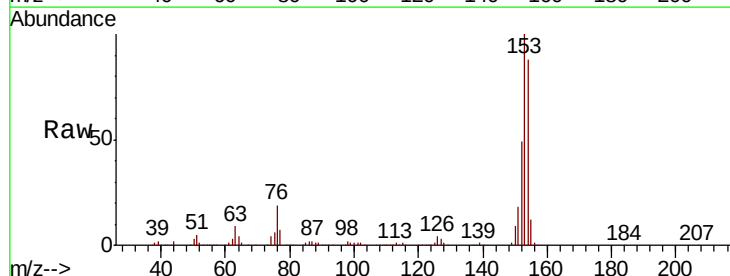
Instrument :
 BNA_G
 ClientSampleID :

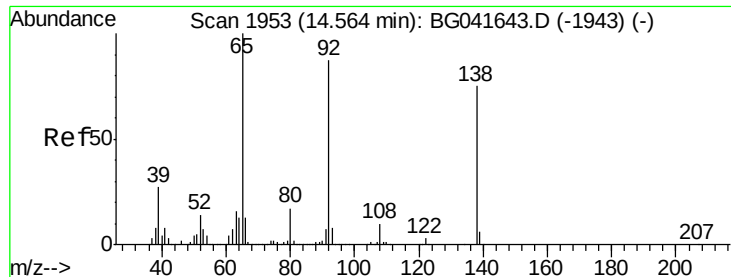
Tot Ion:165 Resp: 72682
 Ion Ratio Lower Upper
 165 100
 63 57.1 42.4 63.6
 89 52.9 42.1 63.1



#52
 Acenaphthene
 Concen: 20.368 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG041642.D
 Acq: 15 Jul 2019 9:10

Tgt Ion:154 Resp: 305654
 Ion Ratio Lower Upper
 154 100
 153 113.9 89.8 134.6
 152 56.0 44.9 67.3





#53

3-Nitroaniline

Concen: 18.798 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Instrument :

BNA_G

ClientSampleId :

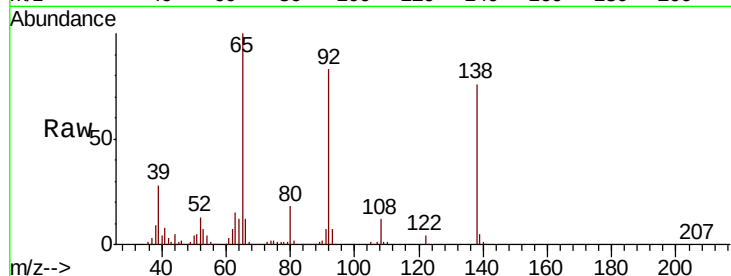
Tot Ion:138 Resp: 82275

Ion Ratio Lower Upper

138 100

108 16.4 10.3 15.5#

92 109.8 93.0 139.4

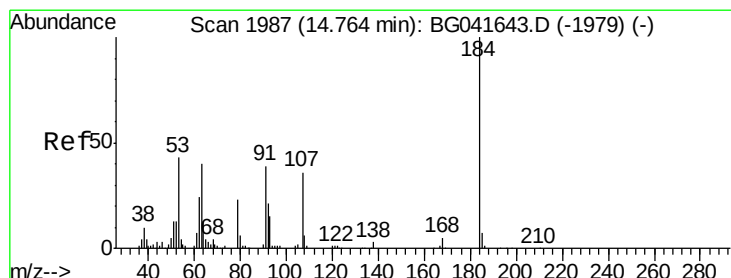
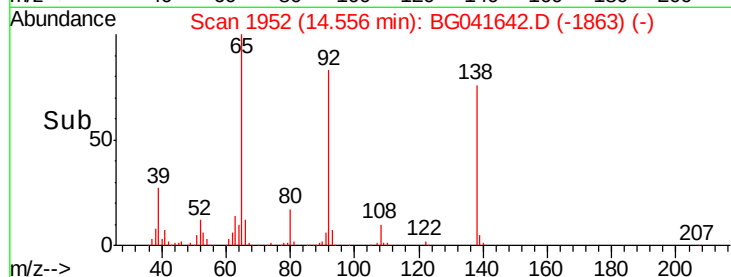
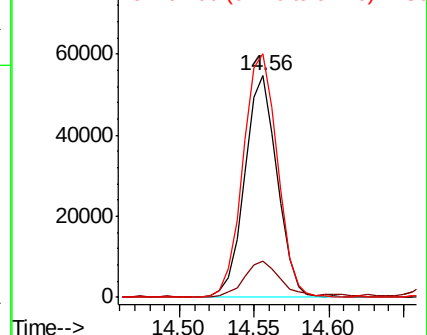


Abundance

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: 15.154 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

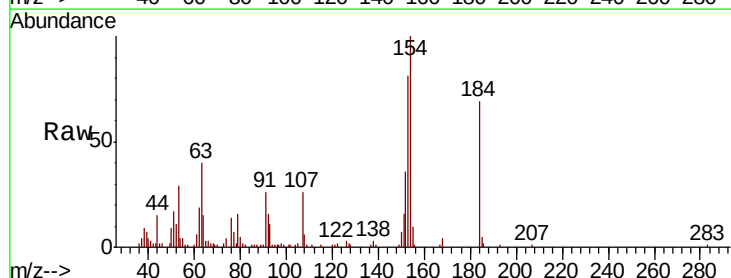
Tgt Ion:184 Resp: 26708

Ion Ratio Lower Upper

184 100

63 58.1 43.2 64.8

154 145.1 51.4 77.2#

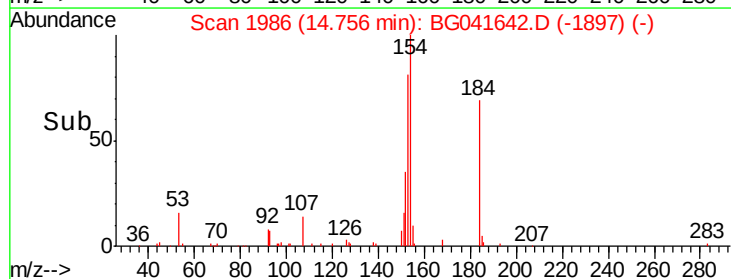
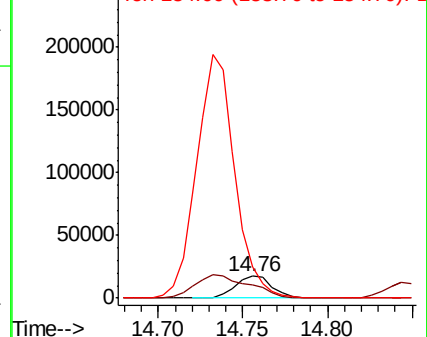


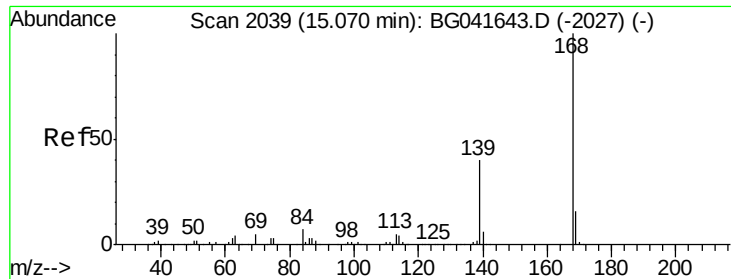
Abundance

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

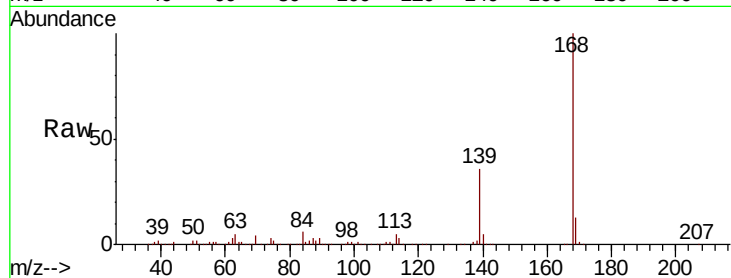




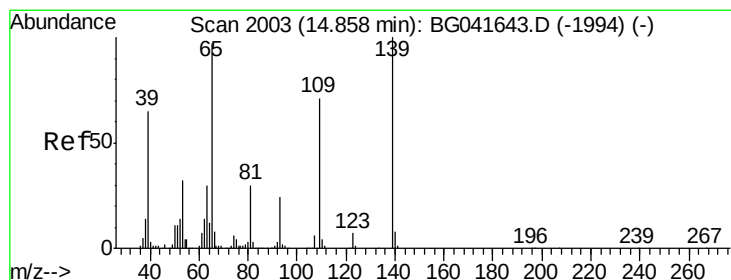
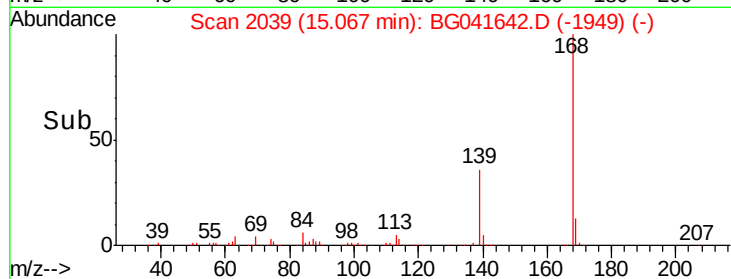
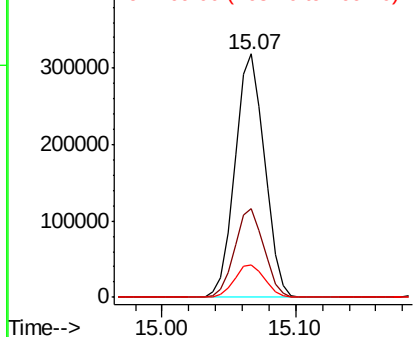
#55
Dibenzofuran
Concen: 21.692 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 487642
Ion Ratio Lower Upper
168 100
139 36.3 31.9 47.9
169 13.5 12.5 18.7

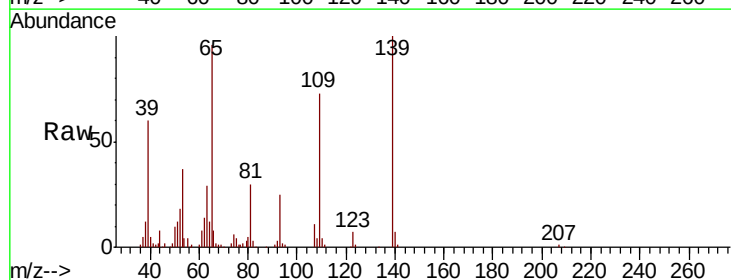


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

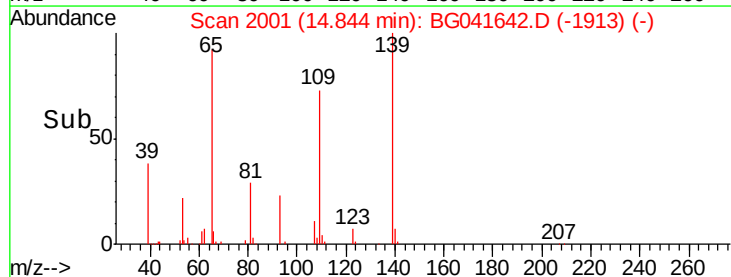
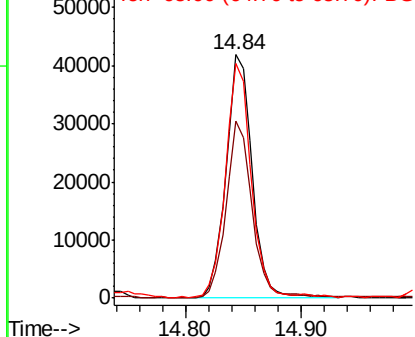


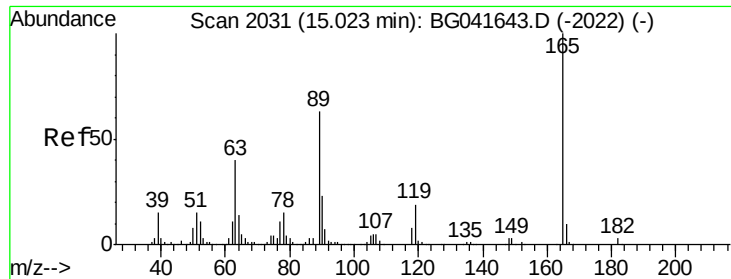
#56
4-Nitrophenol
Concen: 18.834 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

Tgt Ion:139 Resp: 65583
Ion Ratio Lower Upper
139 100
109 72.6 51.3 91.3
65 96.5 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

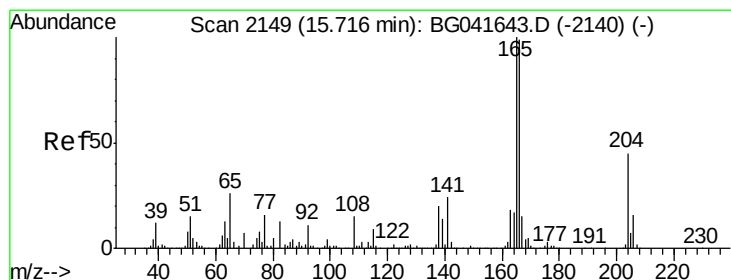
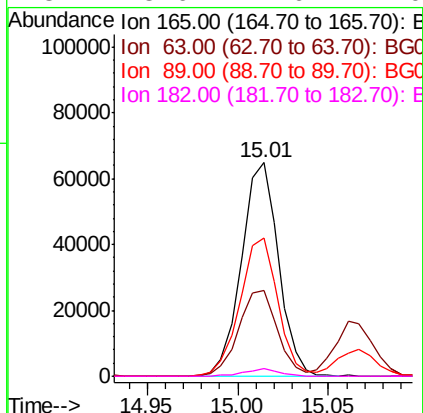
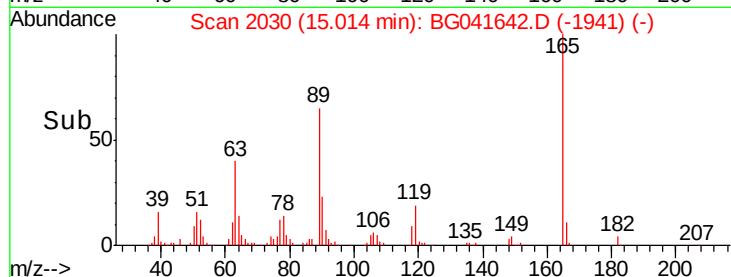
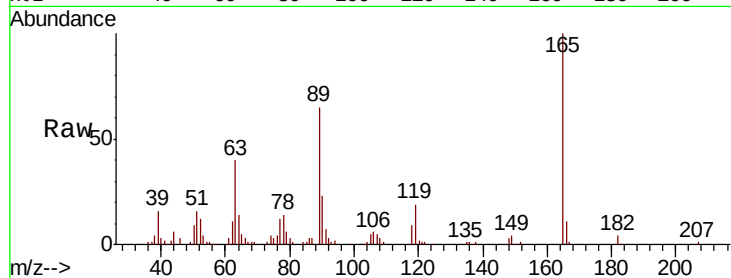




#57
2,4-Dinitrotoluene
Concen: 17.919 ng
RT: 15.01 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

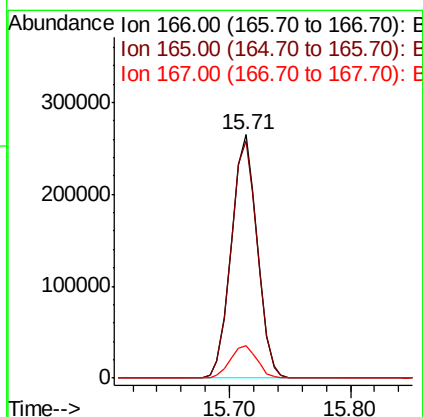
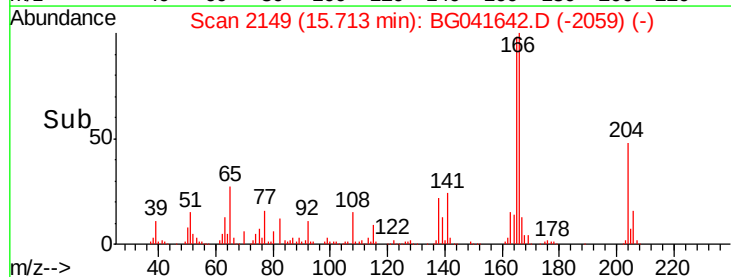
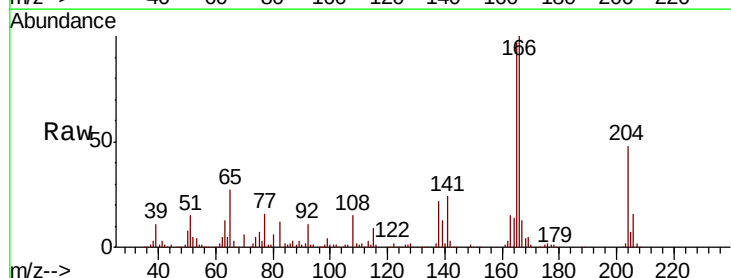
Instrument :
BNA_G
ClientSampled :

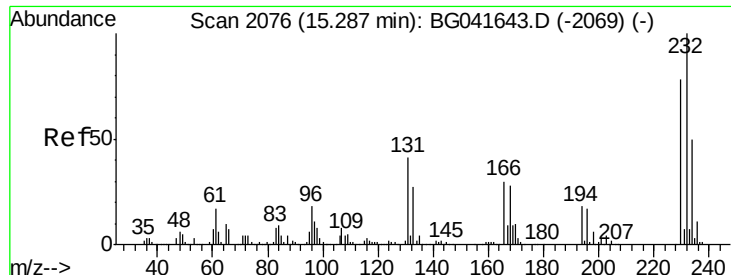
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.2	31.7	47.5
89	64.6	50.2	75.4
182	3.6	2.6	4.0



#58
Fluorene
Concen: 21.624 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	80.5	120.7
167	13.3	12.4	18.6

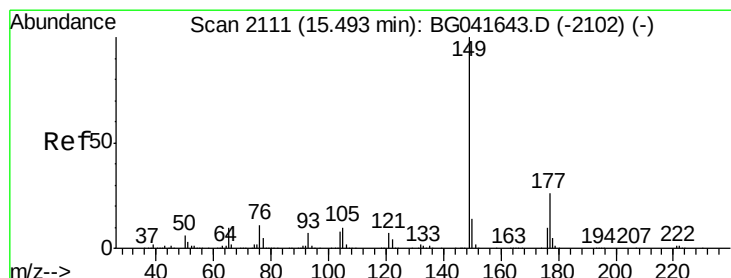
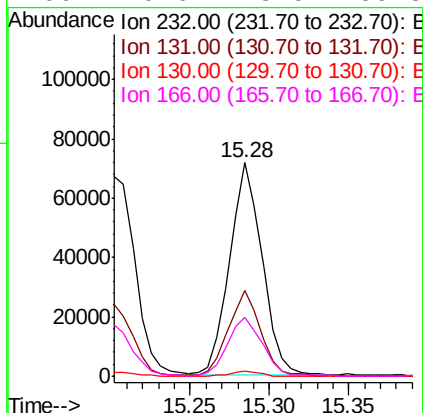
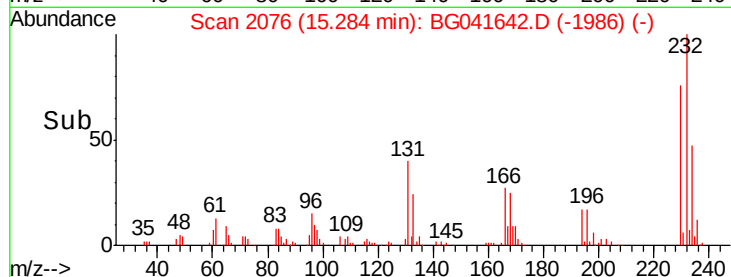
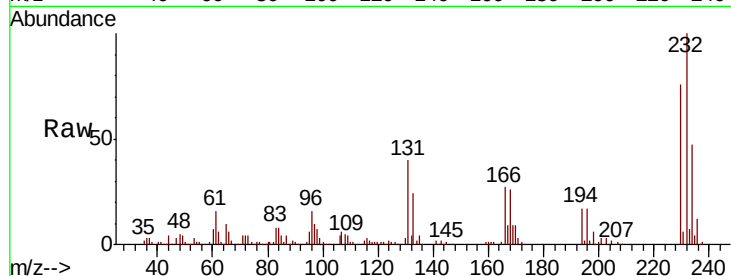




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.153 ng
RT: 15.28 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

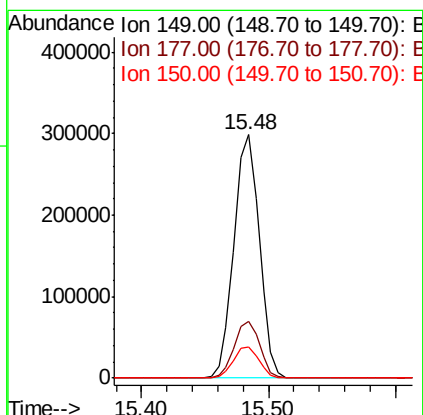
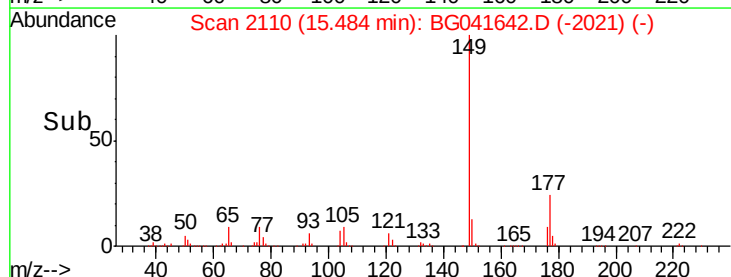
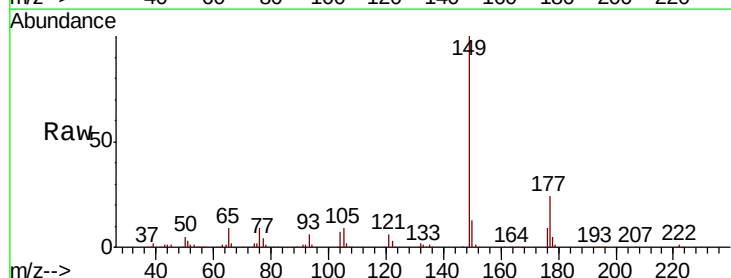
Instrument :
BNA_G
ClientSampleId :

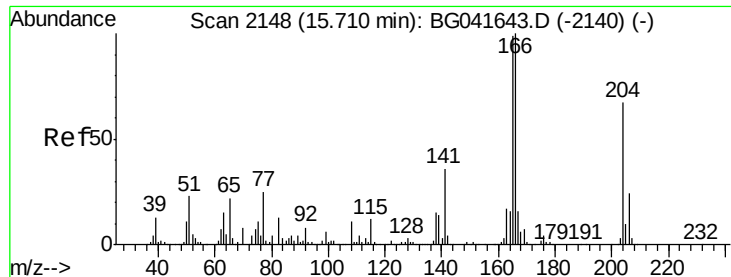
Tot Ion:232	Resp:	102331
Ion Ratio	Lower	Upper
232	100	
131	40.4	31.8 47.6
130	2.2	1.8 2.8
166	29.6	23.5 35.3



#60
Diethylphthalate
Concen: 20.838 ng
RT: 15.48 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

Tgt Ion:149	Resp:	412313
Ion Ratio	Lower	Upper
149	100	
177	23.5	20.7 31.1
150	12.9	11.5 17.3

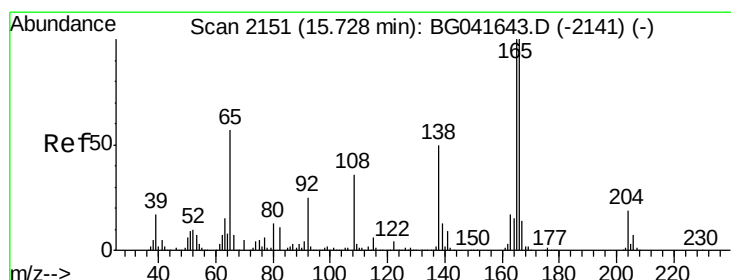
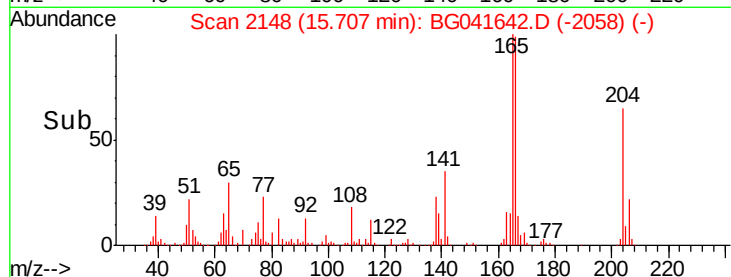
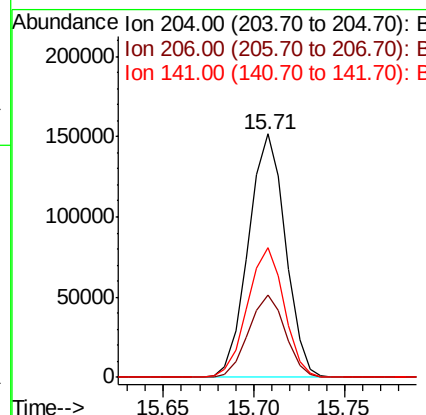
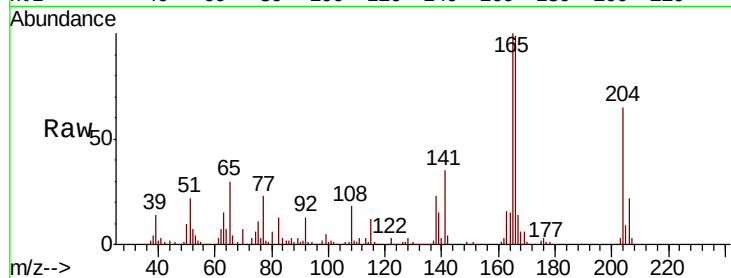




#61
4-Chlorophenyl-phenylether
Concen: 20.618 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

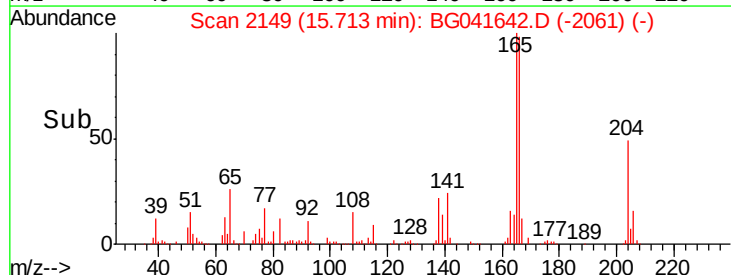
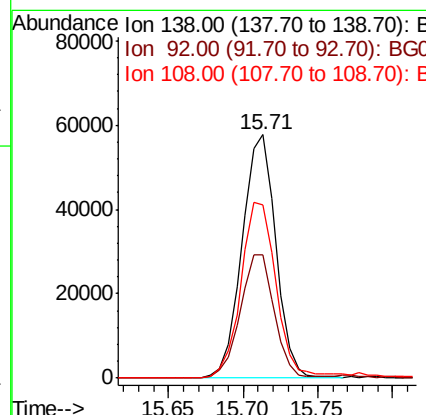
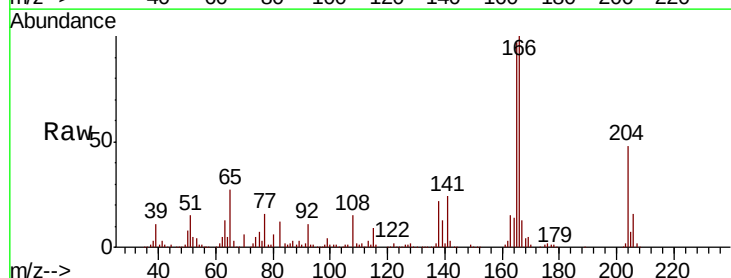
Instrument :
BNA_G
ClientSampleId :

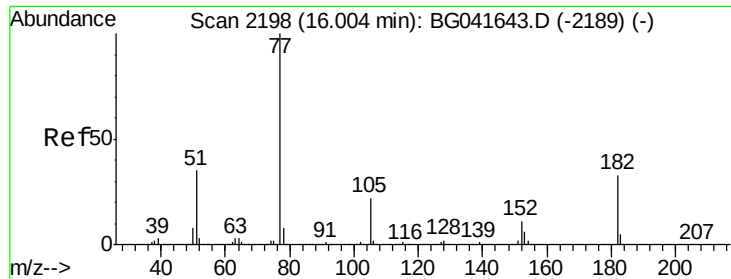
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	28.6	42.8
141	53.2	42.9	64.3



#62
4-Nitroaniline
Concen: 19.480 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	29.8	69.8
108	71.0	52.2	92.2





#63

Azobenzene

Concen: 21.100 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 367543

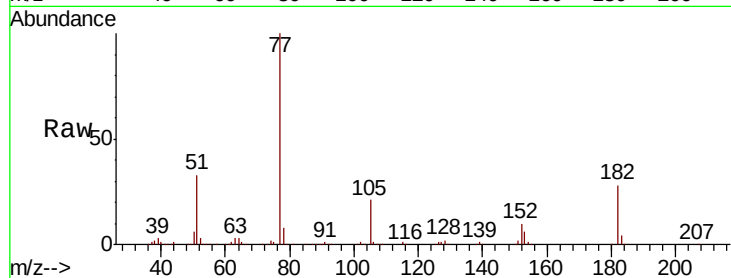
Ion Ratio Lower Upper

77 100

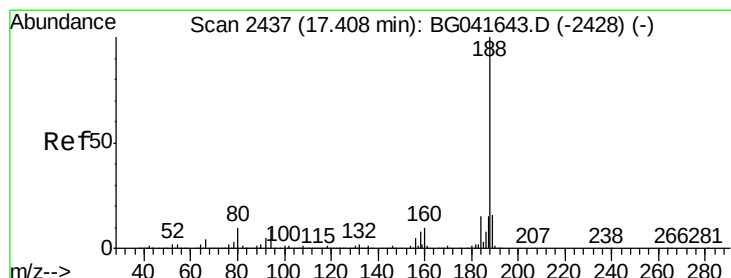
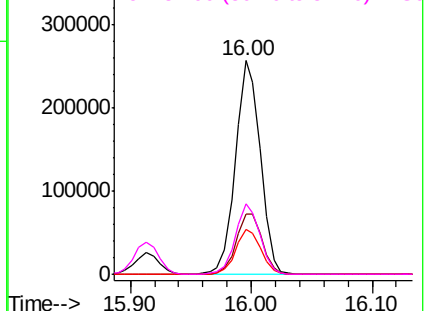
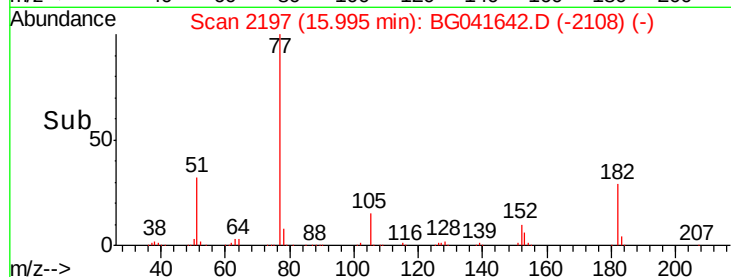
182 28.1 13.2 53.2

105 20.8 2.2 42.2

51 33.1 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: BG041642.D

Acq: 15 Jul 2019 9:10

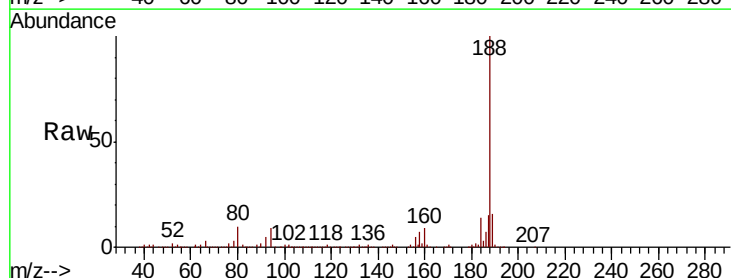
Tgt Ion: 188 Resp: 584188

Ion Ratio Lower Upper

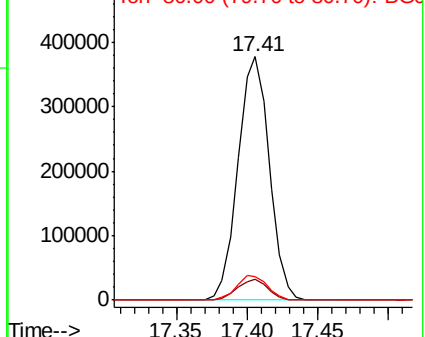
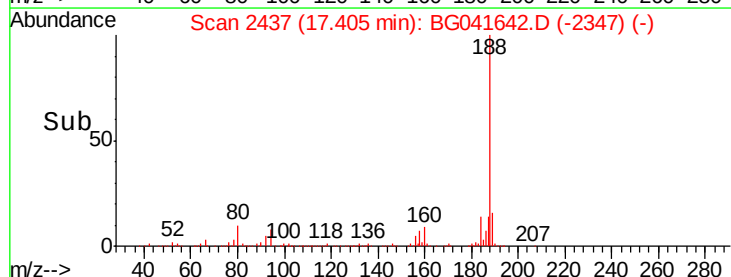
188 100

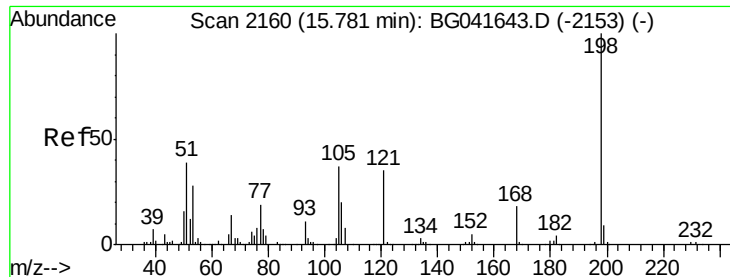
94 8.5 6.9 10.3

80 9.9 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: 15.316 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Instrument :

BNA_G

ClientSampled :

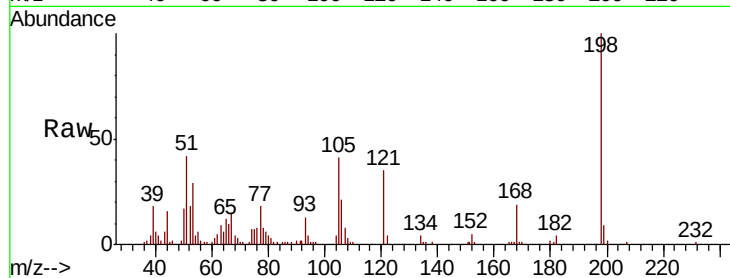
Tot Ion:198 Resp: 38841

Ion Ratio Lower Upper

198 100

51 41.8 22.3 62.3

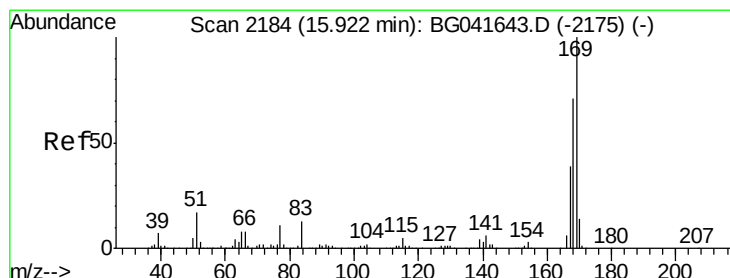
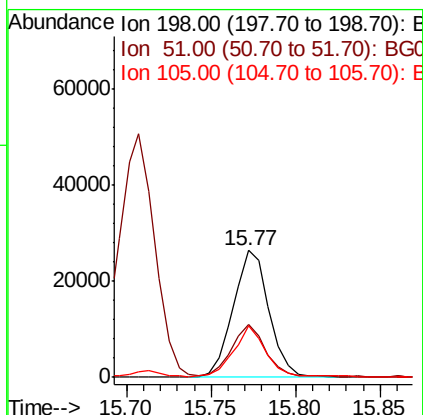
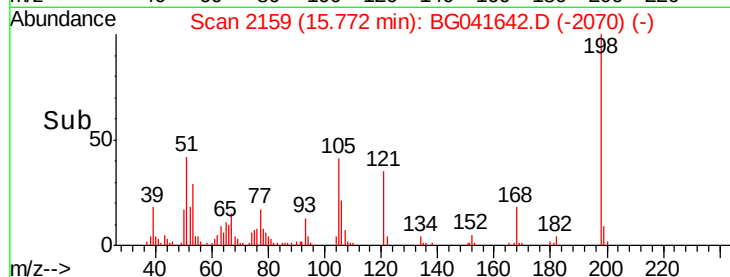
105 40.8 18.0 58.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG041642.D (-2070) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 19.951 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

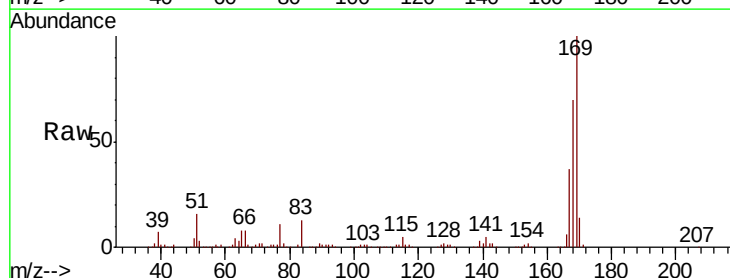
Tgt Ion:169 Resp: 352785

Ion Ratio Lower Upper

169 100

168 69.8 56.9 85.3

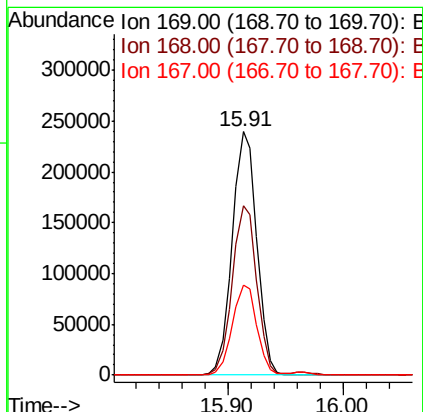
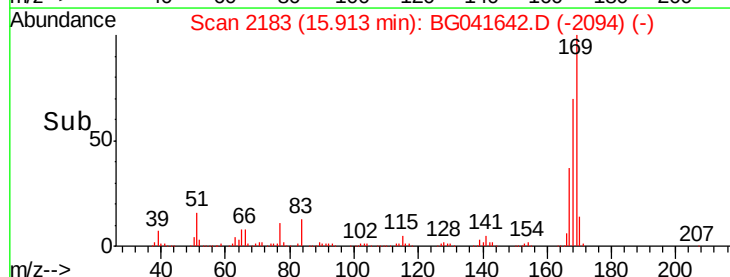
167 37.1 31.5 47.3

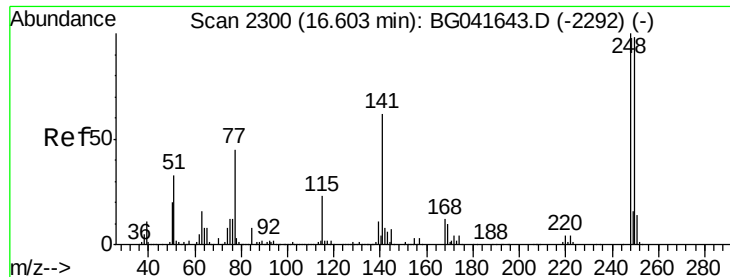


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

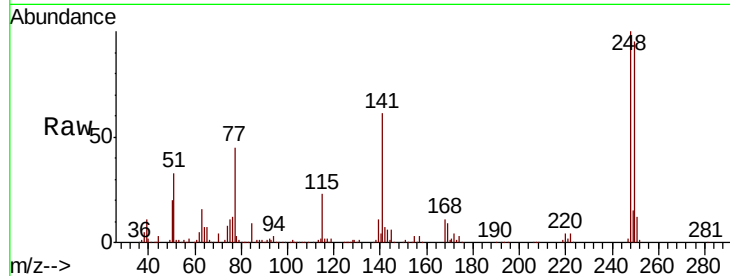




#67
 4-Bromophenyl-phenylether
 Concen: 19.275 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG041642.D
 Acq: 15 Jul 2019 9:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.8	78.1	117.1
141	61.3	49.6	74.4

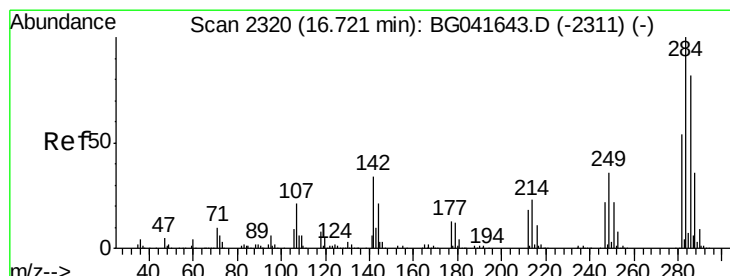
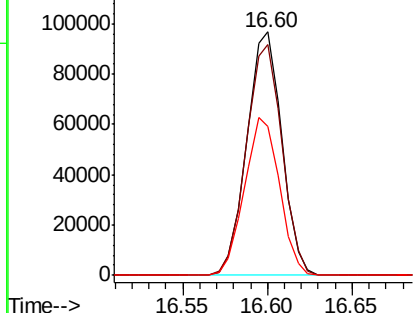
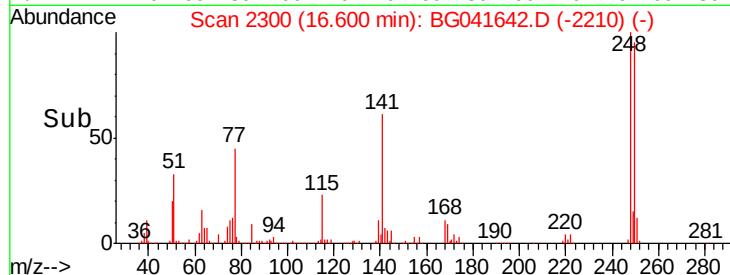


Abundance

Ion 248.00 (247.70 to 248.70): E

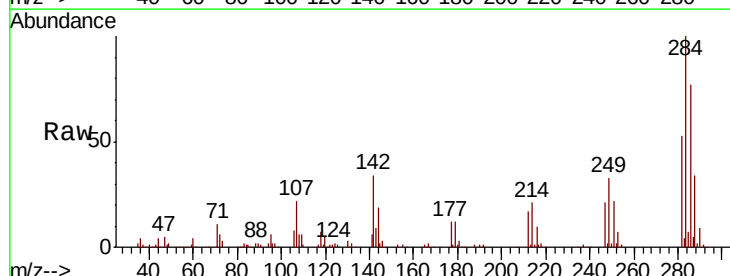
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 19.116 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BG041642.D
 Acq: 15 Jul 2019 9:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	27.0	40.6
249	32.8	28.4	42.6

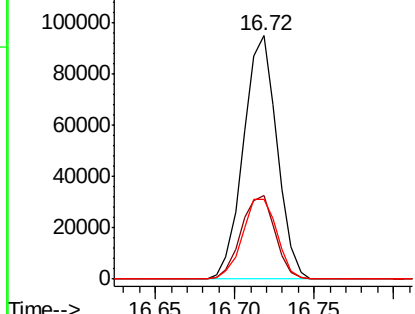
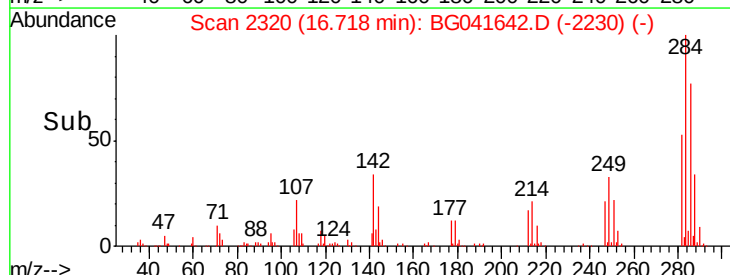


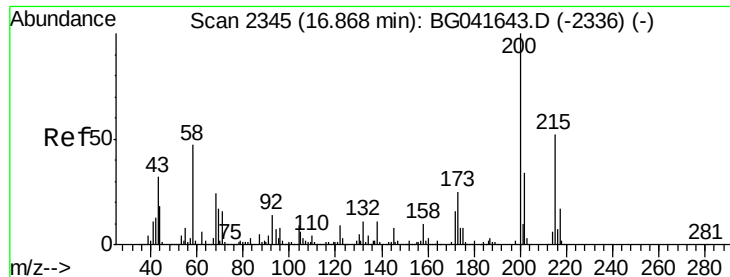
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 25.223 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Instrument :

BNA_G

ClientSampled :

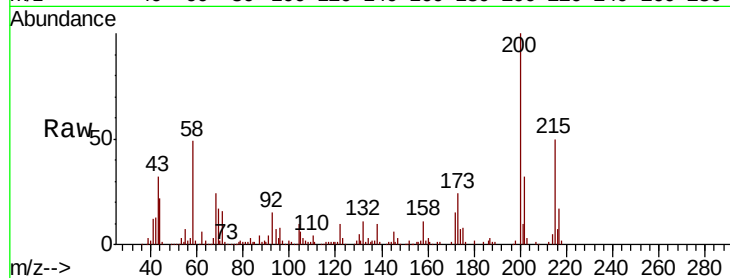
Tot Ion:200 Resp: 133435

Ion Ratio Lower Upper

200 100

173 24.2 5.3 45.3

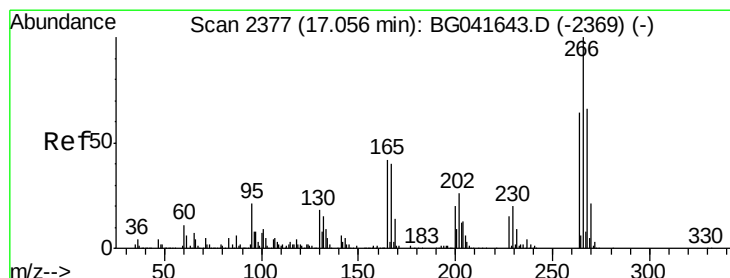
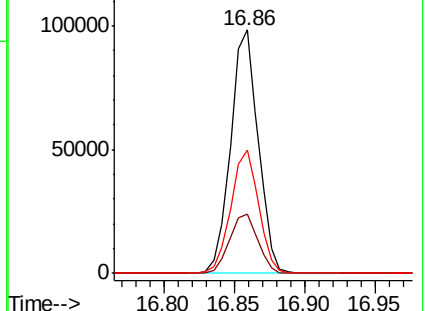
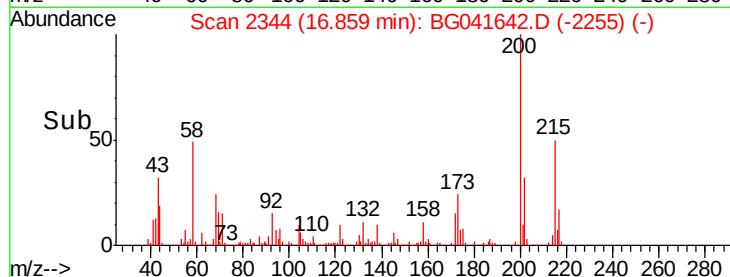
215 50.5 31.8 71.8



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: 18.380 ng

RT: 17.05 min Scan# 2377

Delta R.T. -0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

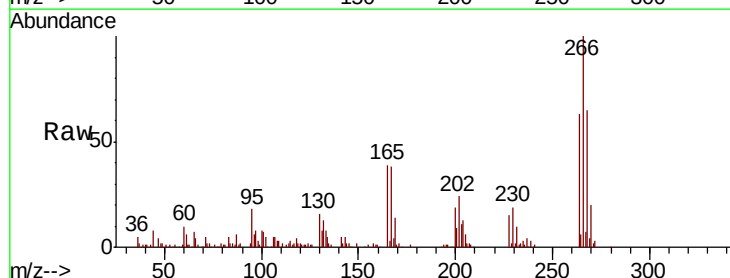
Tgt Ion:266 Resp: 83377

Ion Ratio Lower Upper

266 100

268 65.3 52.9 79.3

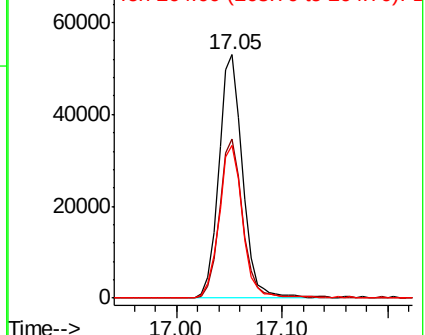
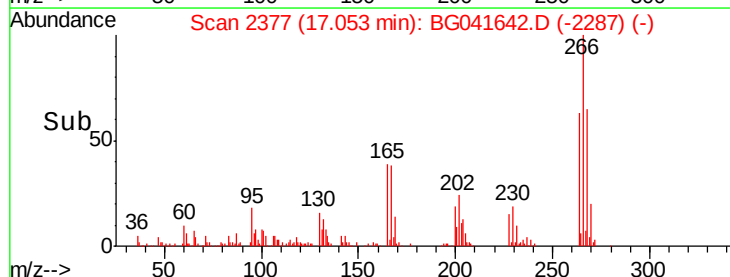
264 62.6 51.4 77.2

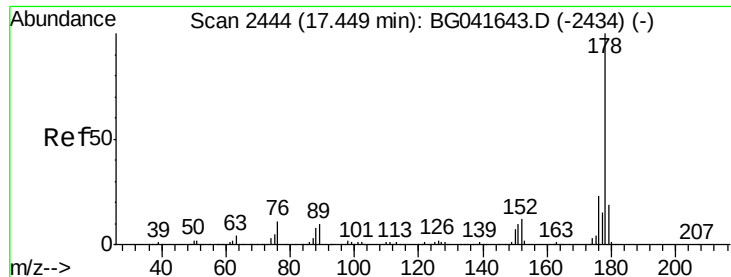


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

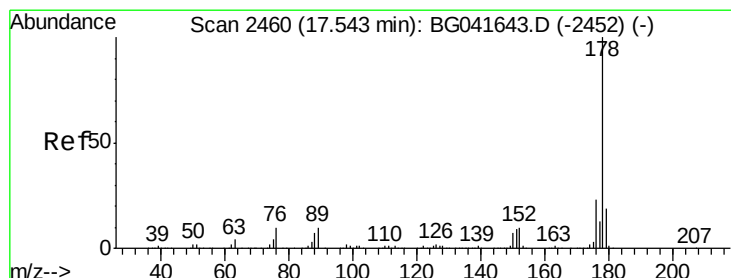
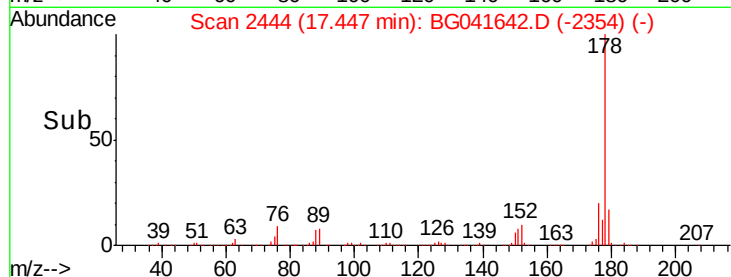
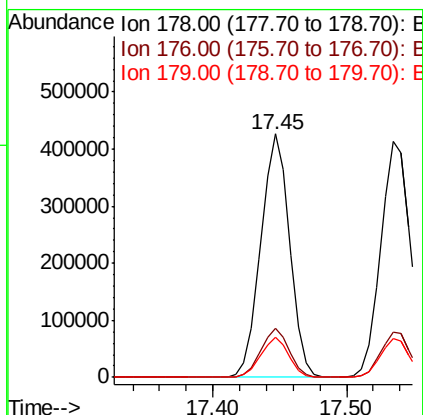
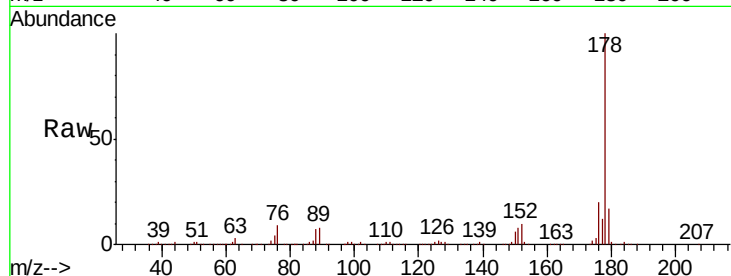




#71
Phenanthrene
Concen: 20.787 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

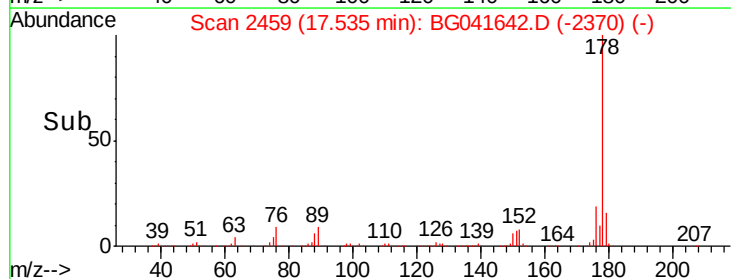
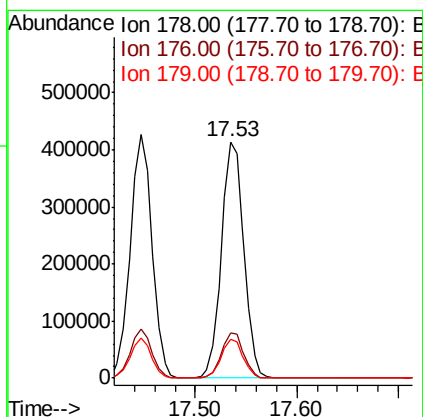
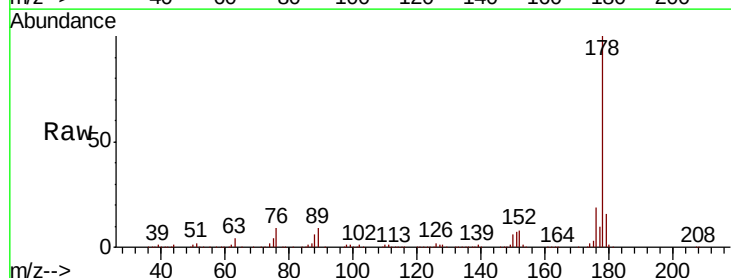
Instrument :
BNA_G
ClientSampleId :

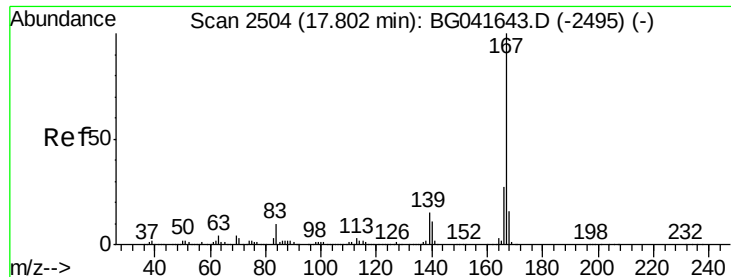
Tot Ion:178 Resp: 634567
Ion Ratio Lower Upper
178 100
176 19.9 18.6 28.0
179 16.5 15.4 23.0



#72
Anthracene
Concen: 19.837 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

Tgt Ion:178 Resp: 633341
Ion Ratio Lower Upper
178 100
176 19.2 18.6 28.0
179 16.4 15.1 22.7

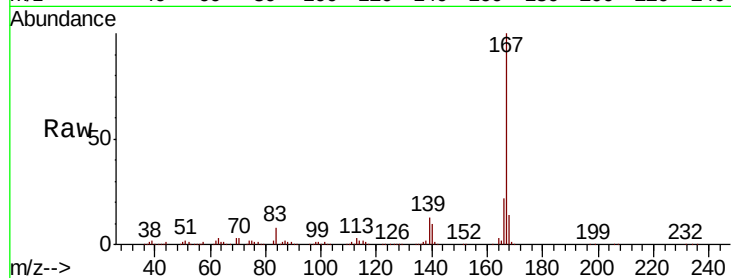




#73
 Carbazole
 Concen: 19.967 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: BG041642.D
 Acq: 15 Jul 2019 9:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	21.4	32.2
139	12.7	12.1	18.1

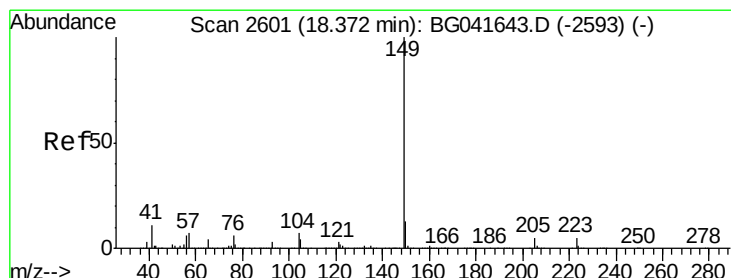
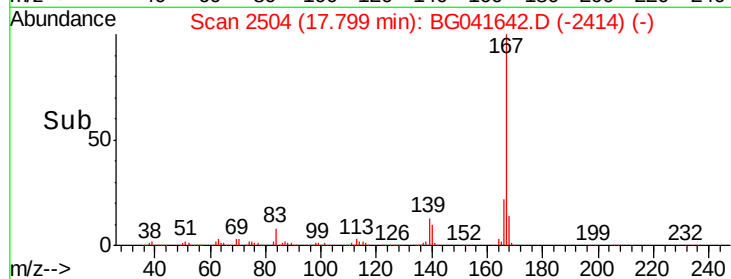
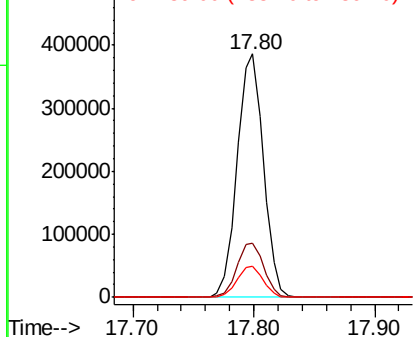


Abundance

Ion 167.00 (166.70 to 167.70): E

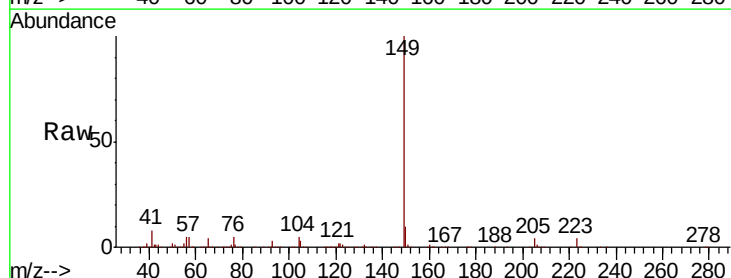
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 19.581 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG041642.D
 Acq: 15 Jul 2019 9:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	10.2	15.2#
104	5.1	5.3	7.9#

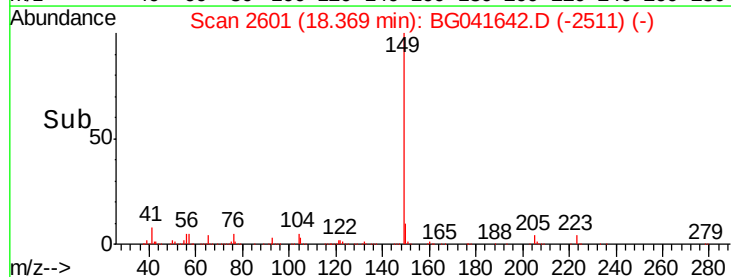
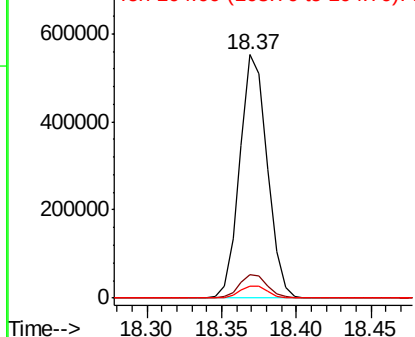


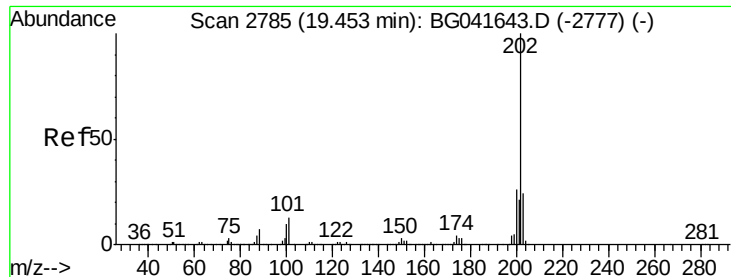
Abundance

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: 21.095 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Instrument :

BNA_G

ClientSampleId :

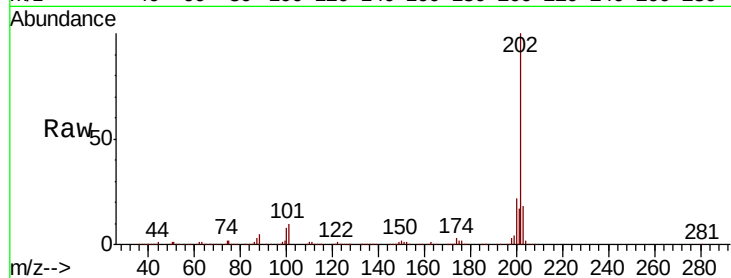
Tot Ion:202 Resp: 775360

Ion Ratio Lower Upper

202 100

101 10.3 0.0 32.8

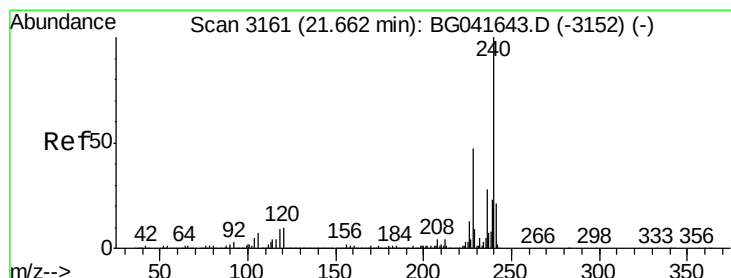
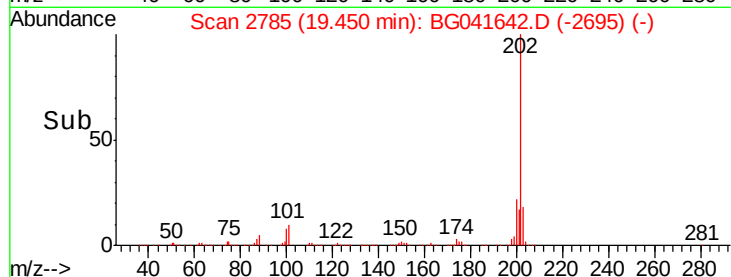
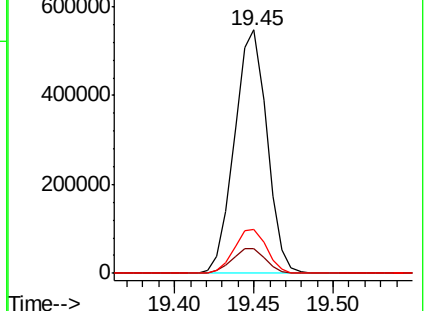
203 18.2 3.7 43.7



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: BG041642.D

Acq: 15 Jul 2019 9:10

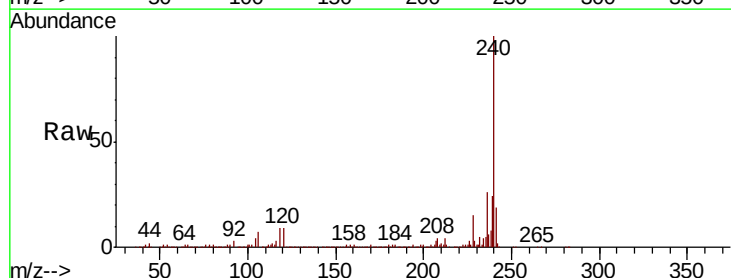
Tgt Ion:240 Resp: 544059

Ion Ratio Lower Upper

240 100

120 9.3 8.0 12.0

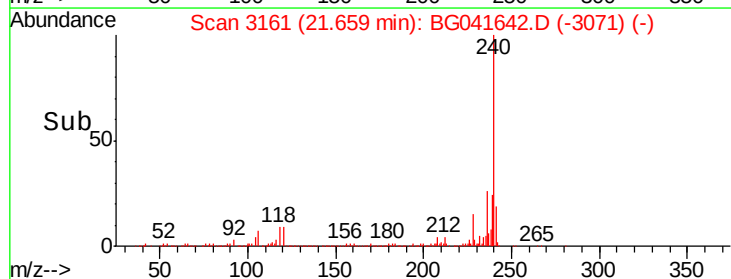
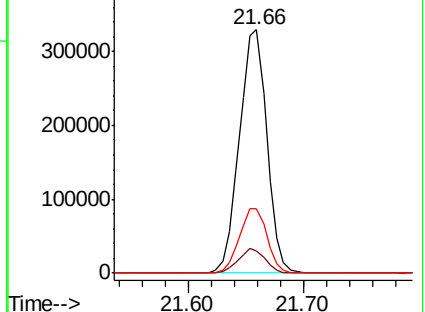
236 26.5 22.6 33.8

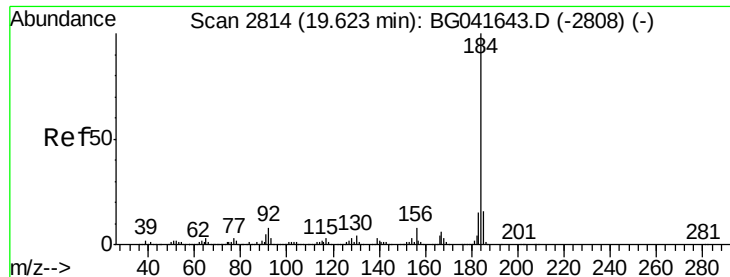


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.781 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Instrument :

BNA_G

ClientSampleId :

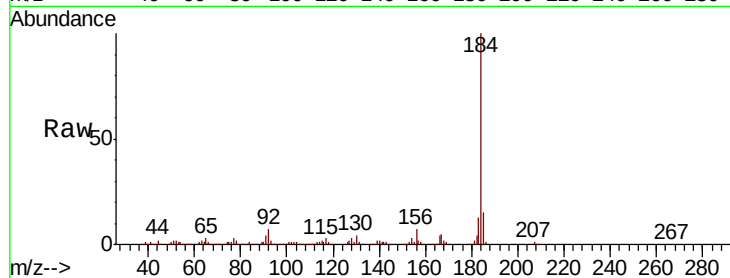
Tot Ion:184 Resp: 450249

Ion Ratio Lower Upper

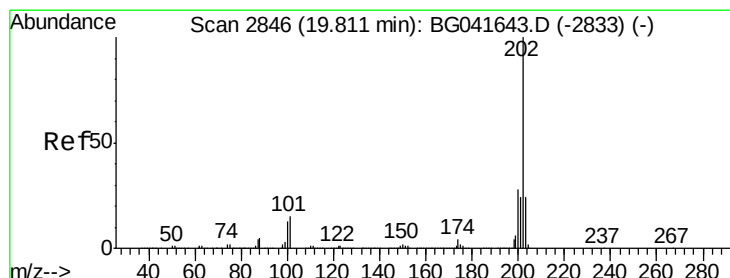
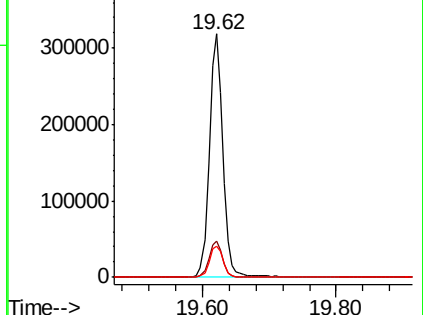
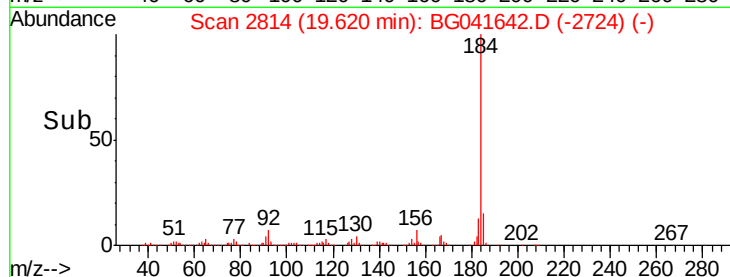
184 100

185 14.8 13.0 19.4

183 13.0 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: 22.428 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

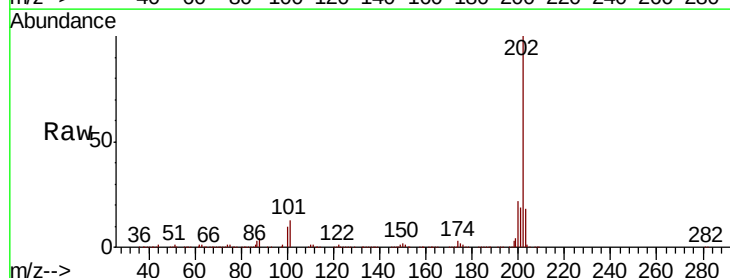
Tgt Ion:202 Resp: 785113

Ion Ratio Lower Upper

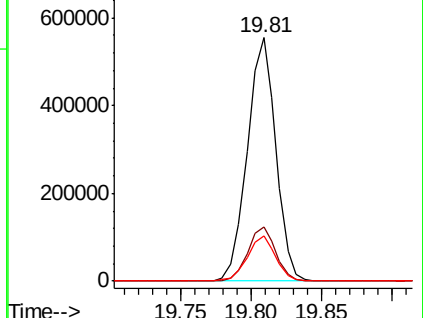
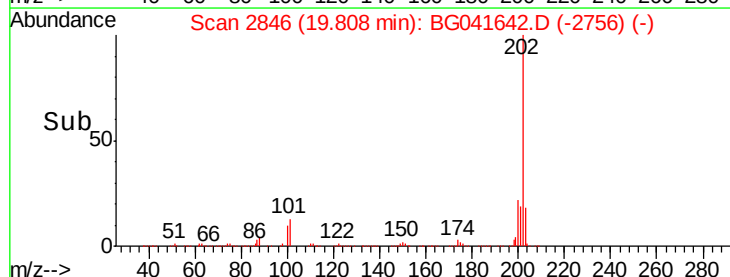
202 100

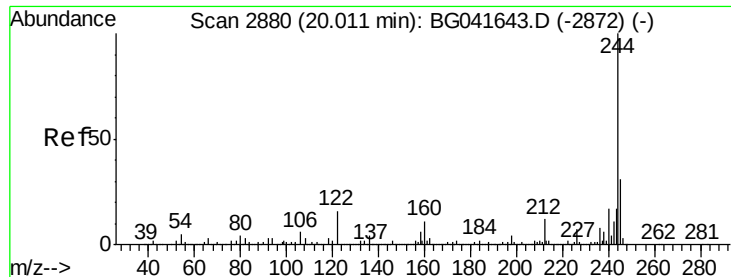
200 22.4 22.2 33.2

203 18.3 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: 49.312 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Instrument :

BNA_G

ClientSampleId :

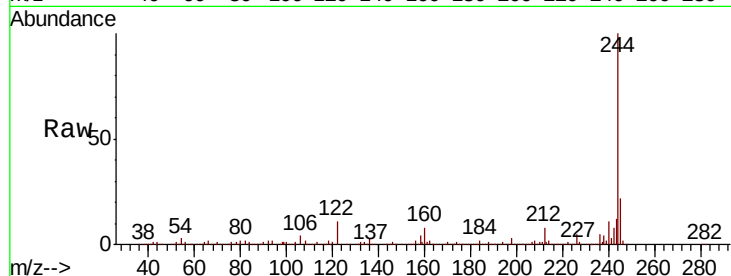
Tot Ion:244 Resp: 1097723

Ion Ratio Lower Upper

244 100

212 8.0 9.7 14.5#

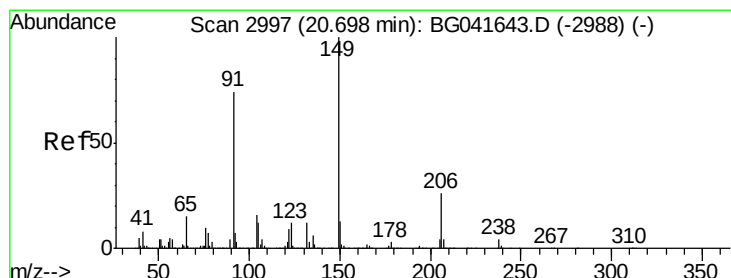
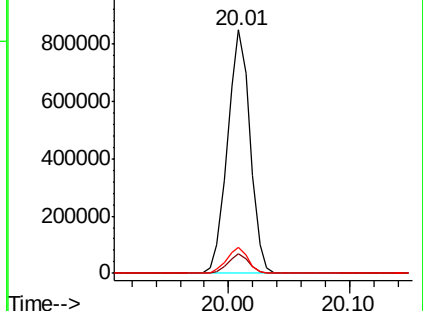
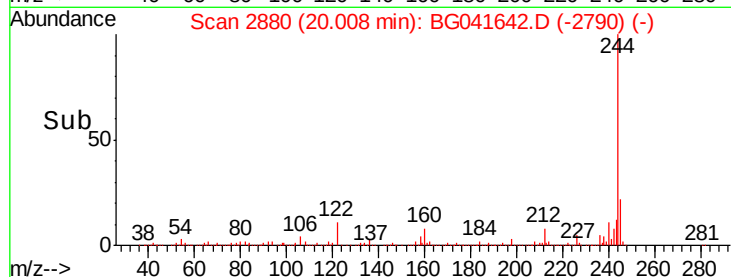
122 10.5 12.5 18.7#



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: 18.574 ng

RT: 20.70 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

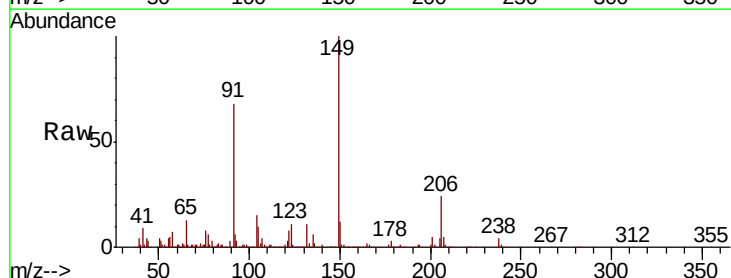
Tgt Ion:149 Resp: 307322

Ion Ratio Lower Upper

149 100

91 67.9 58.9 88.3

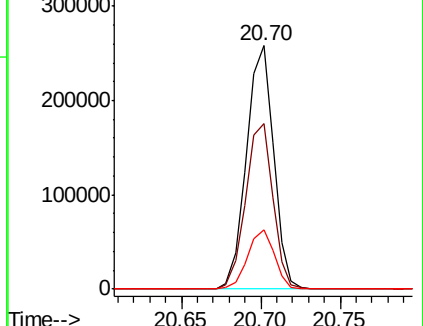
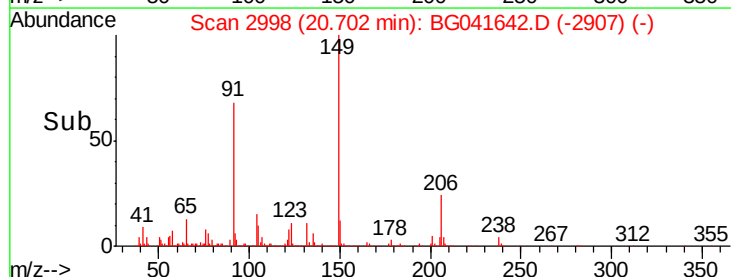
206 24.4 20.8 31.2

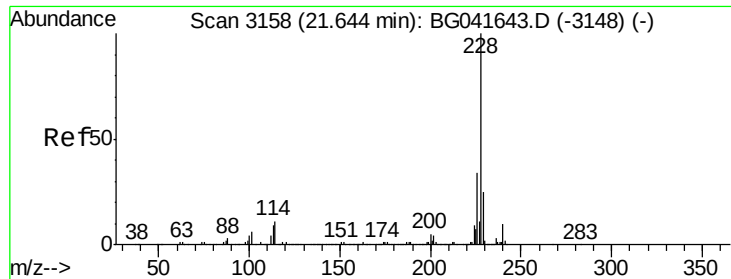


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

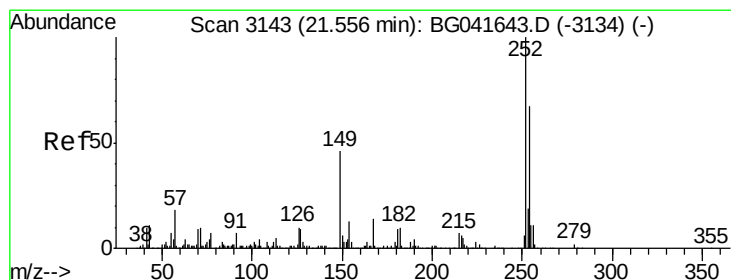
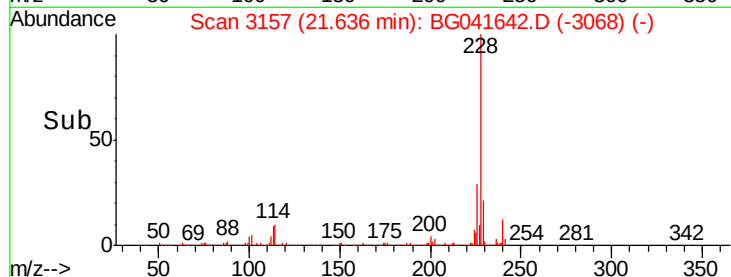
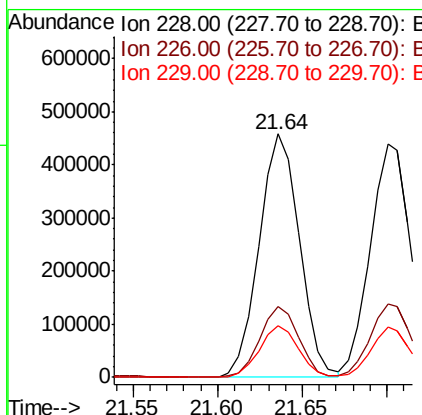
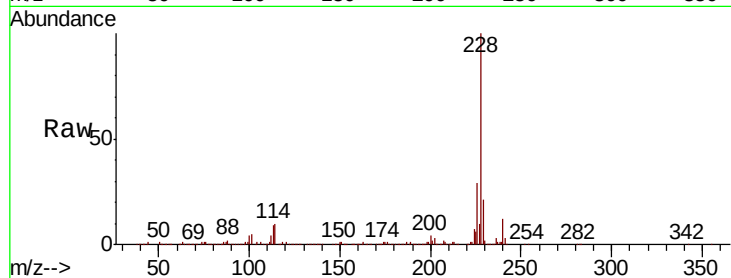




#81
Benzo(a)anthracene
Concen: 20.074 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

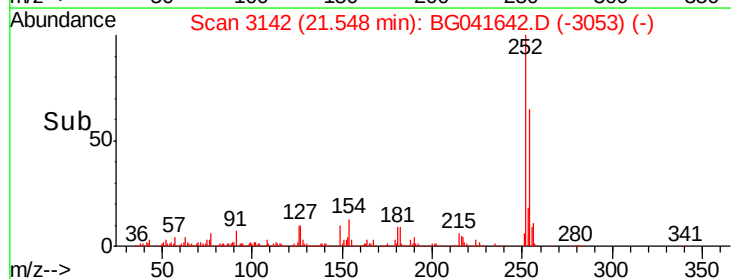
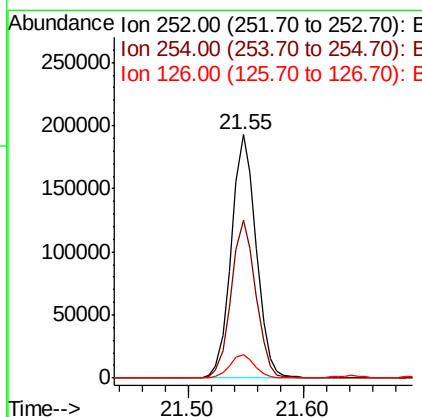
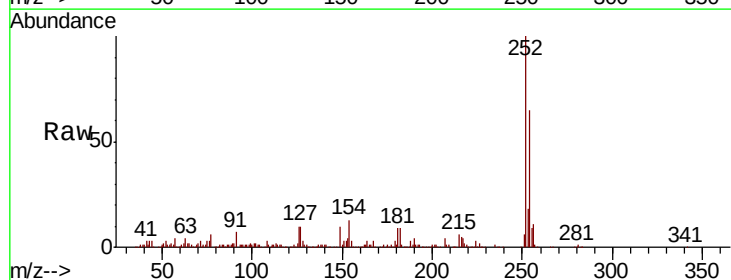
Instrument :
BNA_G
ClientSampleId :

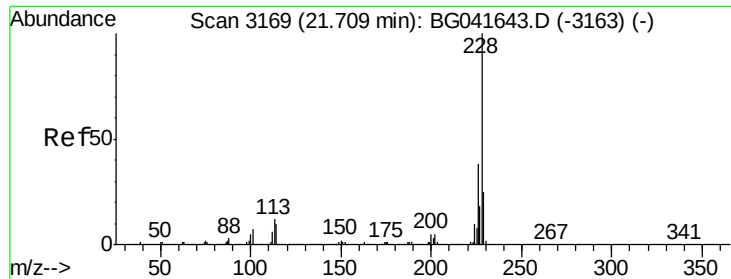
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	27.3	40.9
229	21.4	19.7	29.5



#82
3,3'-Dichlorobenzidine
Concen: 18.347 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	53.8	80.6
126	9.7	7.8	11.8

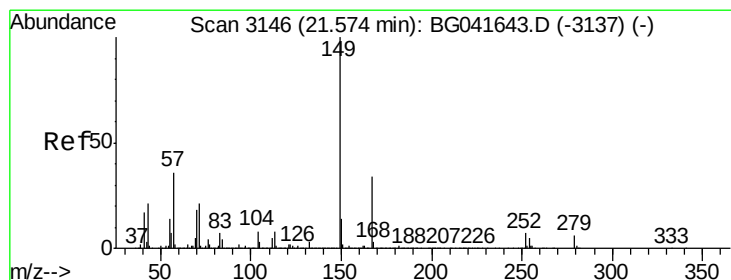
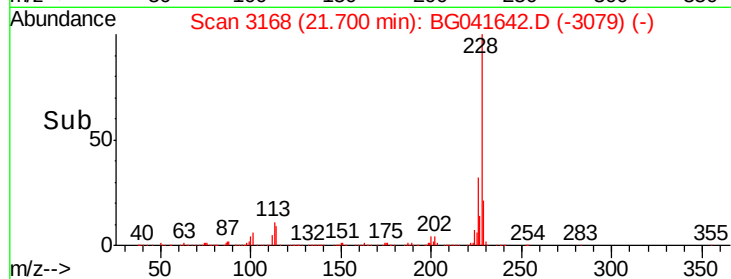
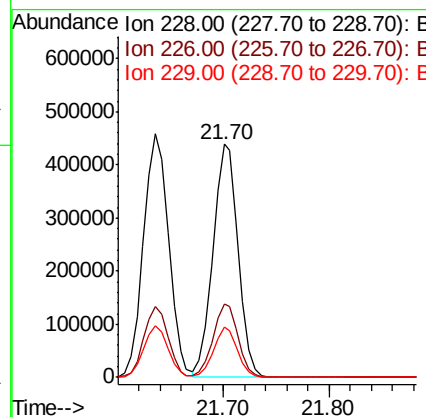
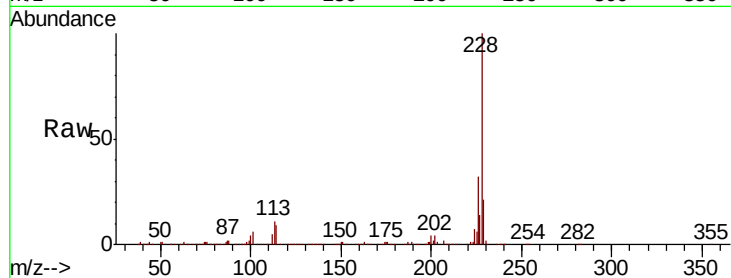




#83
 Chrysene
 Concen: 21.699 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.01 min
 Lab File: BG041642.D
 Acq: 15 Jul 2019 9:10

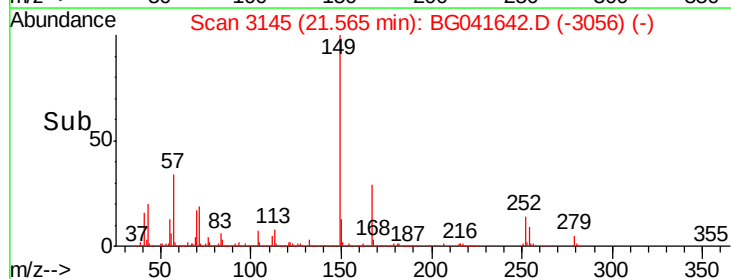
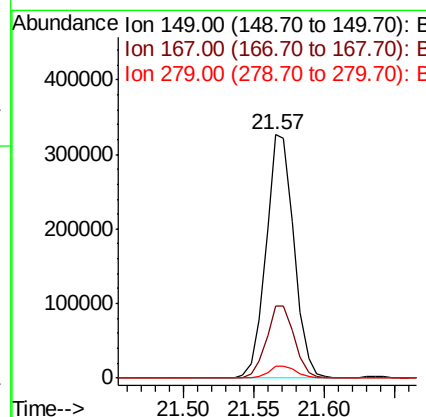
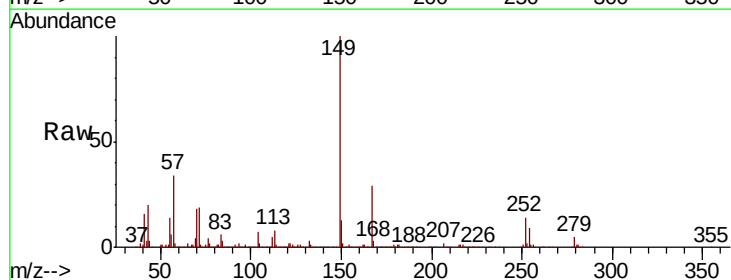
Instrument :
 BNA_G
 ClientSampleId :

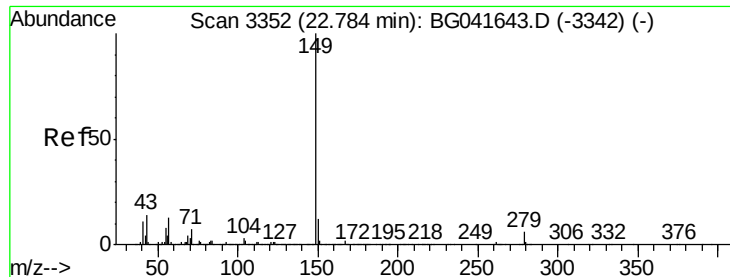
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	30.1	45.1
229	21.4	19.8	29.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 20.090 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG041642.D
 Acq: 15 Jul 2019 9:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.4	27.0	40.4
279	4.8	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 19.753 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.00 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

Instrument :

BNA_G

ClientSampled :

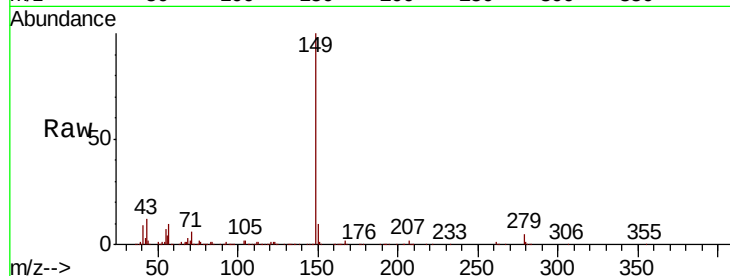
Tot Ion:149 Resp: 775814

Ion Ratio Lower Upper

149 100

167 1.7 1.6 2.4

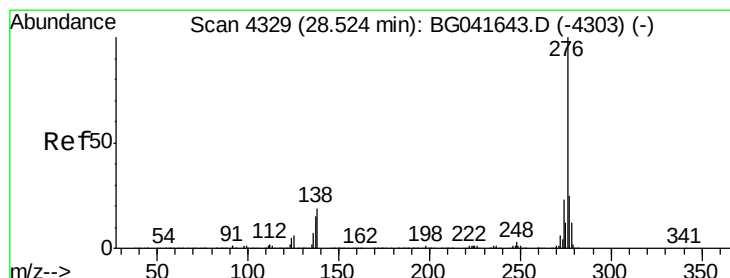
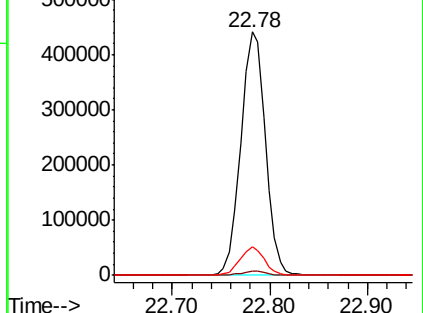
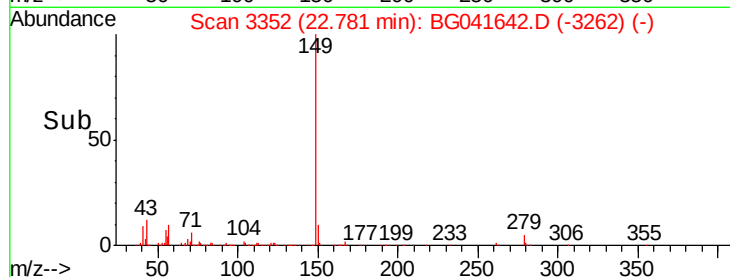
43 11.8 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 19.332 ng

RT: 28.49 min Scan# 4324

Delta R.T. -0.03 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

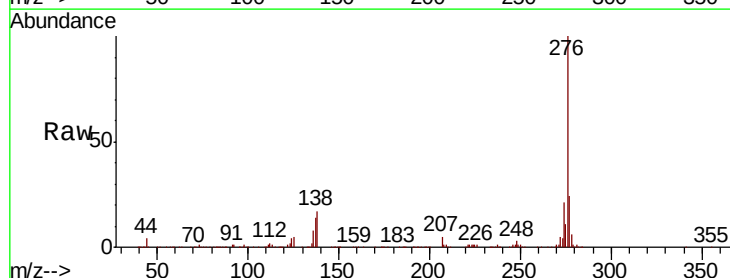
Tgt Ion:276 Resp: 879984

Ion Ratio Lower Upper

276 100

138 15.3 19.4 29.0#

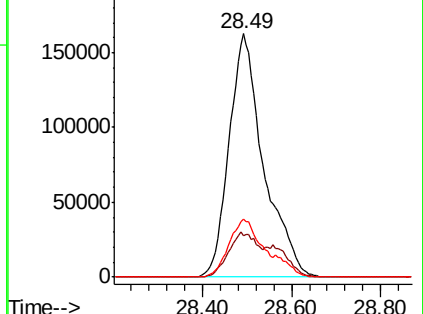
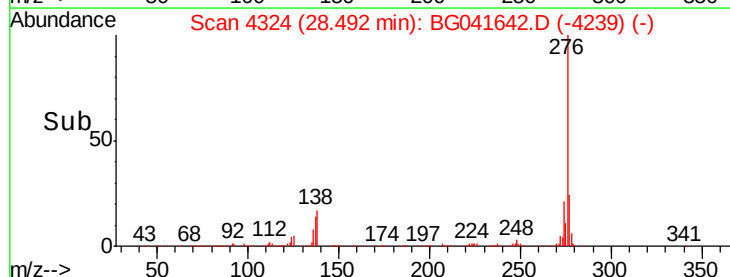
277 21.5 21.2 31.8

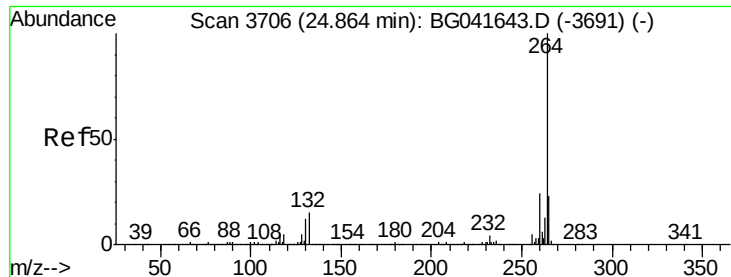


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG041642.D

Acq: 15 Jul 2019 9:10

Instrument :

BNA_G

ClientSampled :

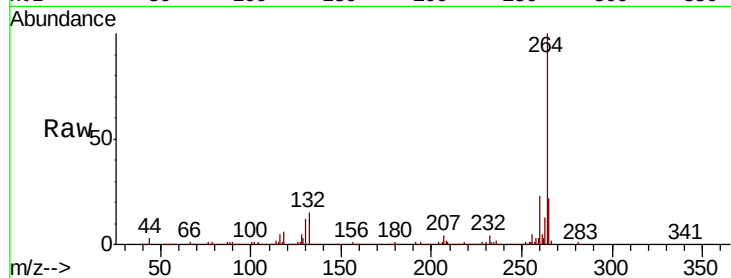
Tot Ion:264 Resp: 635888

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

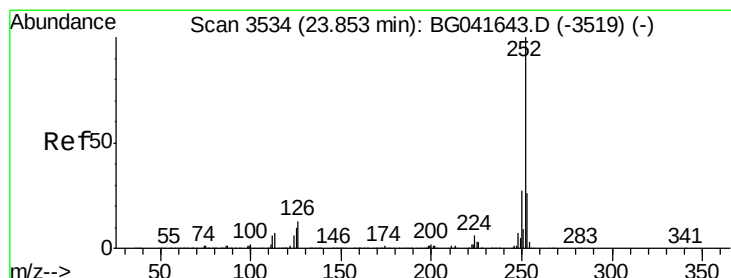
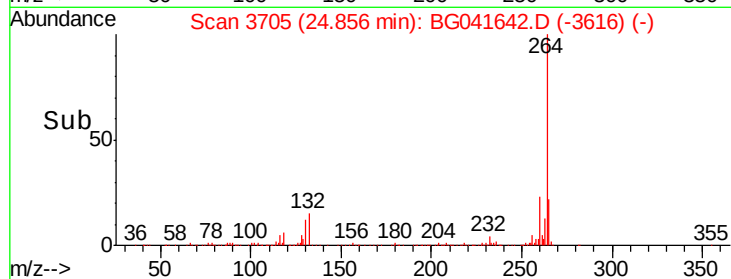
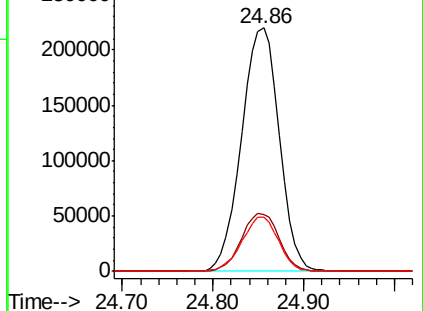
265 22.4 18.0 27.0



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: 20.992 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BG041642.D

Acq: 15 Jul 2019 9:10

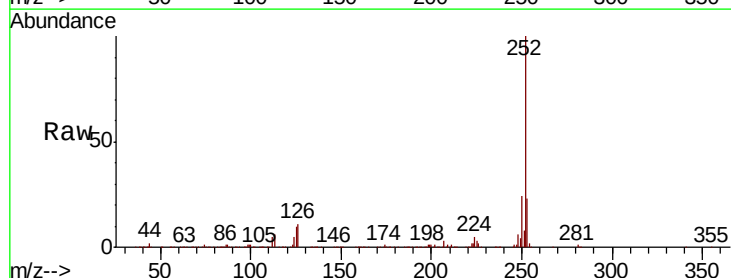
Tgt Ion:252 Resp: 792508

Ion Ratio Lower Upper

252 100

253 23.0 20.6 30.8

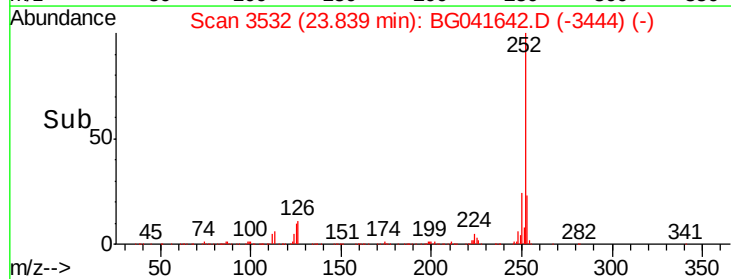
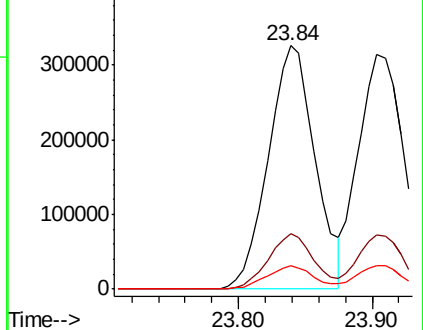
125 9.6 8.0 12.0

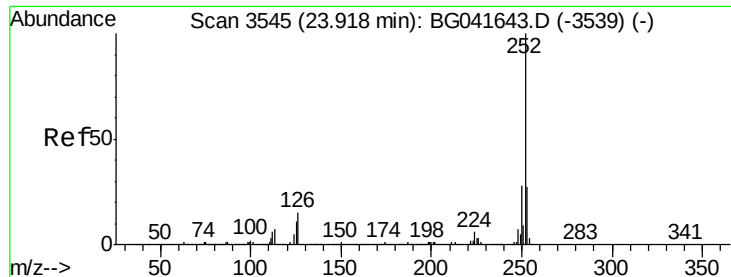


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

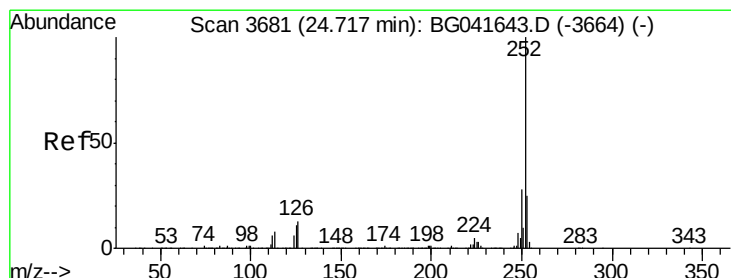
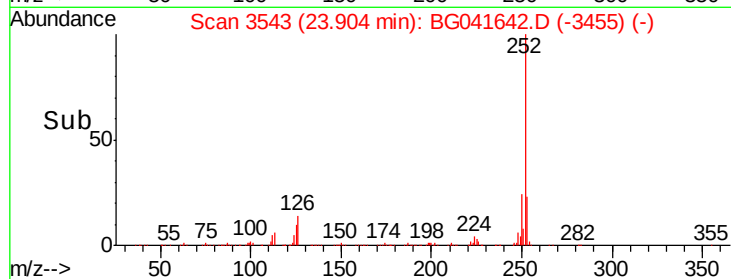
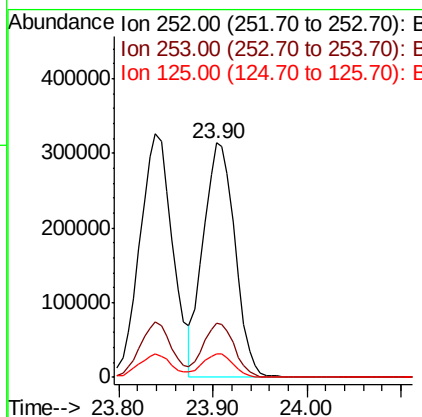
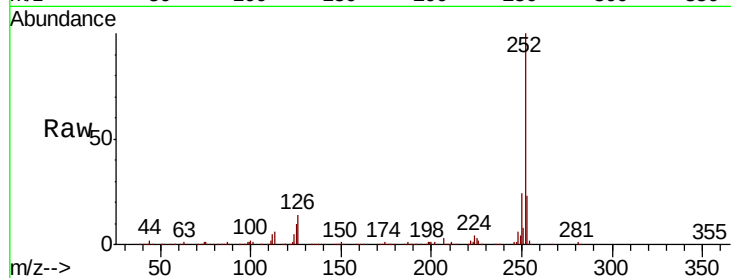




#89
Benzo(k)fluoranthene
Concen: 20.531 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

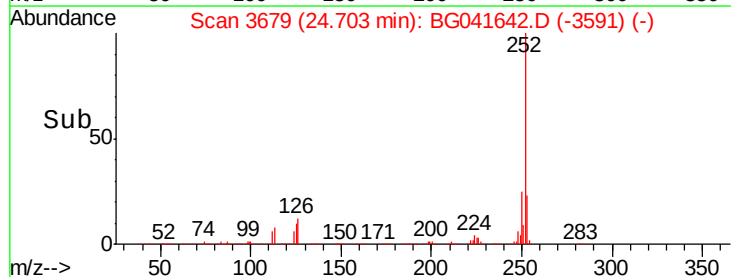
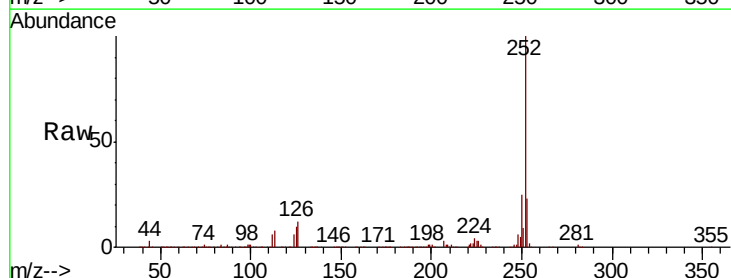
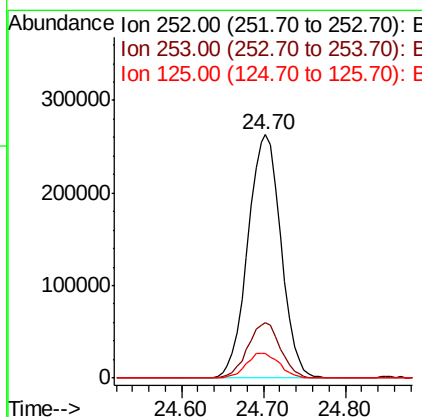
Instrument :
BNA_G
ClientSampled :

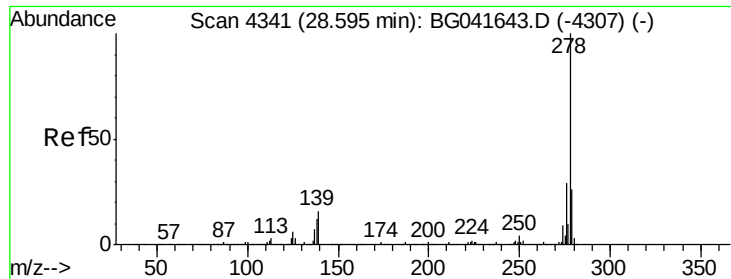
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.5	30.7
125	9.8	8.4	12.6



#90
Benzo(a)pyrene
Concen: 20.440 ng
RT: 24.70 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.8	29.8
125	10.0	8.8	13.2

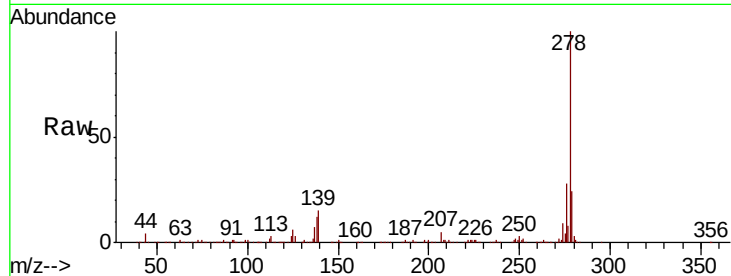




#91
Dibenzo(a,h)anthracene
Concen: 20.101 ng
RT: 28.57 min Scan# 4337
Delta R.T. -0.03 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.6	19.0
279	24.1	20.5	30.7

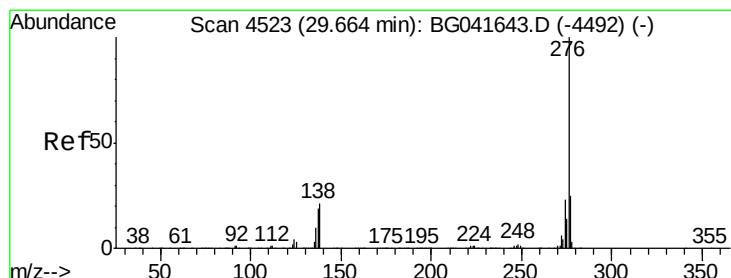
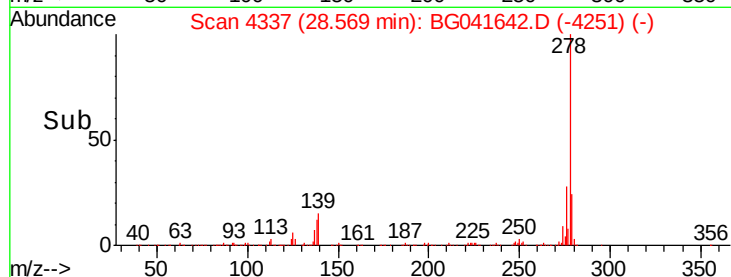
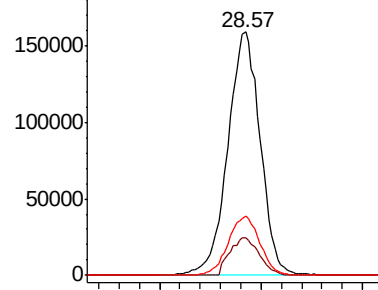


Abundance

Ion 278.00 (277.70 to 278.70): E

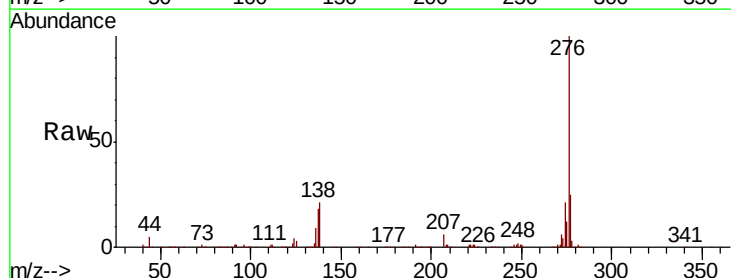
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 19.905 ng
RT: 29.63 min Scan# 4517
Delta R.T. -0.04 min
Lab File: BG041642.D
Acq: 15 Jul 2019 9:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	20.7	16.6	25.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

