

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043392.D
 Acq On : 30 Oct 2019 3:57
 Operator : JU
 Sample : K5140-09MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:27:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	44285	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	168213	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	118180	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	271714	20.00	ng	0.00
76) Chrysene-d12	21.66	240	310433	20.00	ng	0.00
87) Perylene-d12	24.86	264	370245	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	337030	139.46	ng	0.01
7) Phenol-d6	7.21	99	457057	131.45	ng	0.01
23) Nitrobenzene-d5	9.19	82	286272	87.74	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	290652	129.24	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	734685	85.90	ng	0.00
79) Terphenyl-d14	20.01	244	1451701	87.73	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	36683	38.951	ng	# 51
3) Pyridine	3.91	79	74117	31.198	ng	98
4) n-Nitrosodimethylamine	3.81	42	57633	48.076	ng	93
6) Aniline	7.36	93	32305	8.065	ng	92
8) 2-Chlorophenol	7.60	128	127610	47.834	ng	97
9) Benzaldehyde	7.16	77	32349	18.931	ng	90
10) Phenol	7.24	94	155268	48.867	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	105261	42.849	ng	95
12) 1,3-Dichlorobenzene	7.91	146	136159	40.736	ng	95
13) 1,4-Dichlorobenzene	8.06	146	142965	42.275	ng	99
14) 1,2-Dichlorobenzene	8.38	146	133848	40.536	ng	96
15) Benzyl Alcohol	8.27	79	111170	45.525	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	144685	40.505	ng	97
17) 2-Methylphenol	8.48	107	106854	46.132	ng	94
18) Hexachloroethane	9.11	117	48842	40.031	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	94454	42.039	ng	# 96
20) 3+4-Methylphenols	8.82	107	142685	44.923	ng	90
22) Acetophenone	8.85	105	186087	43.198	ng	# 99
24) Nitrobenzene	9.23	77	142961	45.995	ng	96
25) Isophorone	9.75	82	263975	44.252	ng	98
26) 2-Nitrophenol	9.94	139	73882	49.235	ng	99
27) 2,4-Dimethylphenol	10.01	122	114356	53.170	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	144566	43.909	ng	94
29) 2,4-Dichlorophenol	10.49	162	131648	47.773	ng	90
30) 1,2,4-Trichlorobenzene	10.69	180	151809	43.709	ng	98
31) Naphthalene	10.88	128	393236	46.055	ng	99
32) Benzoic acid	10.18	122	65844	41.585	ng	94
33) 4-Chloroaniline	11.01	127	9287	2.653	ng	# 87
34) Hexachlorobutadiene	11.16	225	108148	42.123	ng	95
35) Caprolactam	11.76	113	25327	26.686	ng	# 87
36) 4-Chloro-3-methylphenol	12.13	107	143767	47.829	ng	98
37) 2-Methylnaphthalene	12.48	142	296536	45.263	ng	100
38) 1-Methylnaphthalene	12.48	142	296536	47.572	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	191912	43.879	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043392.D
 Acq On : 30 Oct 2019 3:57
 Operator : JU
 Sample : K5140-09MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:27:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	194860	84.813	nq	98
43) 2,4,6-Trichlorophenol	13.10	196	124254	48.241	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	136728	52.507	nq	96
46) 1,1'-Biphenyl	13.48	154	401945	44.708	nq	99
47) 2-Chloronaphthalene	13.53	162	310653	45.413	nq	99
48) 2-Nitroaniline	13.74	65	94304	46.125	nq	96
49) Acenaphthylene	14.38	152	503305	47.275	nq	98
50) Dimethylphthalate	14.11	163	412801	45.096	nq	98
51) 2,6-Dinitrotoluene	14.22	165	92241	46.384	nq	94
52) Acenaphthene	14.72	154	301142	46.383	nq	98
53) 3-Nitroaniline	14.57	138	28737	14.967	nq	96
54) 2,4-Dinitrophenol	14.76	184	87380	71.242	nq	92
55) Dibenzofuran	15.05	168	485683	46.129	nq	100
56) 4-Nitrophenol	14.90	139	140543	109.231	nq	96
57) 2,4-Dinitrotoluene	15.01	165	130911	46.063	nq	99
58) Fluorene	15.70	166	404844	45.846	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.28	232	136189	49.226	nq	# 98
60) Diethylphthalate	15.46	149	401851	43.691	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	232463	45.125	nq	97
62) 4-Nitroaniline	15.73	138	75313	37.982	nq	95
63) Azobenzene	15.98	77	341444	45.869	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	73627	46.044	nq	99
66) n-Nitrosodiphenylamine	15.90	169	358959	46.793	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	166629	45.569	nq	96
68) Hexachlorobenzene	16.71	284	188374	44.879	nq	97
69) Atrazine	16.85	200	138568	51.984	nq	92
70) Pentachlorophenol	17.06	266	216203	113.042	nq	95
71) Phenanthrene	17.44	178	648451	46.605	nq	99
72) Anthracene	17.53	178	666696	47.891	nq	99
73) Carbazole	17.80	167	596281	47.299	nq	100
74) Di-n-butylphthalate	18.35	149	722122	47.209	nq	98
75) Fluoranthene	19.45	202	862116	47.527	nq	99
77) Benzidine	19.65	184	28338	4.536	nq	# 91
78) Pyrene	19.81	202	876074	45.592	nq	100
80) Butylbenzylphthalate	20.69	149	338352	46.477	nq	98
81) Benzo(a)anthracene	21.64	228	926099	47.626	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	144809	19.254	nq	98
83) Chrysene	21.71	228	908038	46.999	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	490831	47.463	nq	98
85) Di-n-octyl phthalate	22.74	149	851541	48.535	nq	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	1179071	48.618	nq	99
88) Benzo(b)fluoranthene	23.85	252	974409	46.468	nq	98
89) Benzo(k)fluoranthene	23.91	252	1009940	47.841	nq	99
90) Benzo(a)pyrene	24.71	252	906386	45.264	nq	97
91) Dibenzo(a,h)anthracene	28.57	278	1005794	49.106	nq	100
92) Benzo(g,h,i)perylene	29.65	276	990053	49.004	nq	98

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

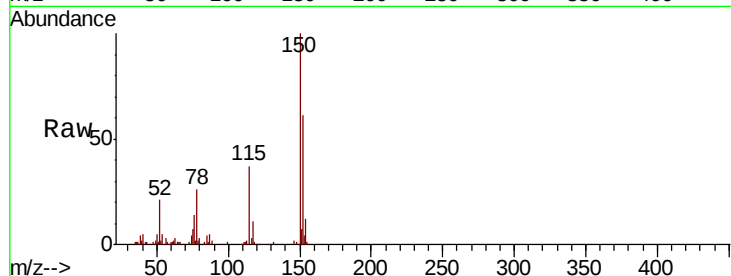


#1

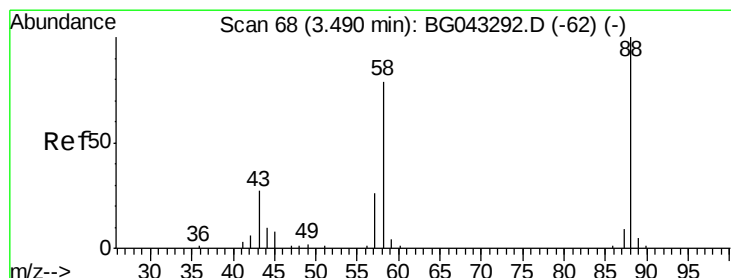
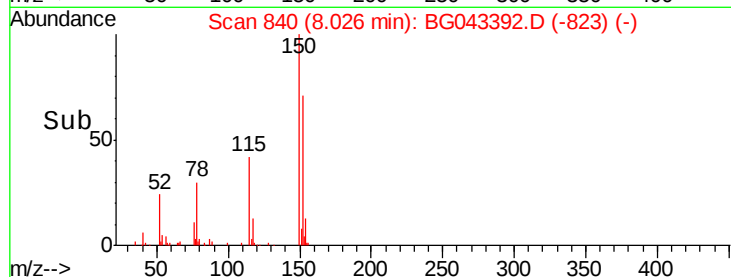
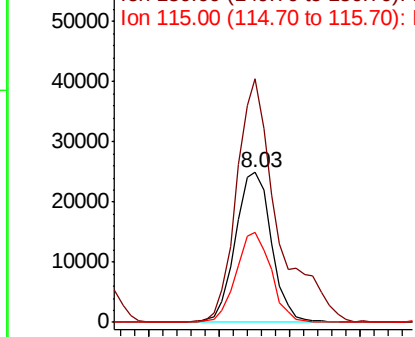
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	113.6	170.4
115	60.0	45.9	68.9



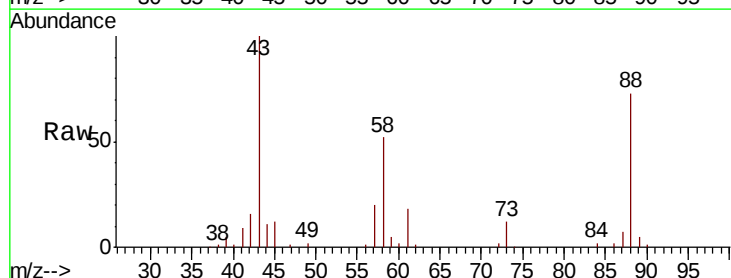
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



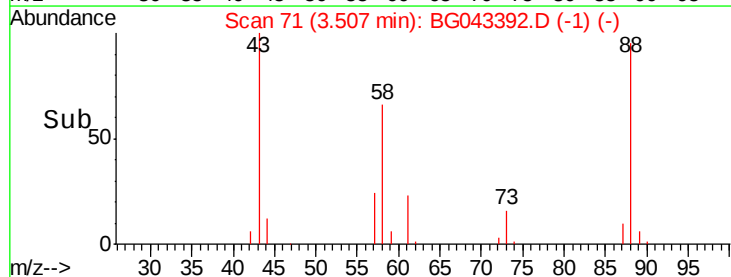
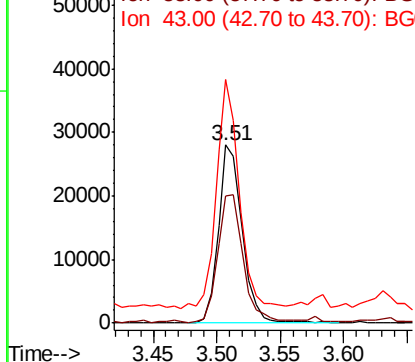
#2

1,4-Dioxane
Concen: 38.951 ng
RT: 3.51 min Scan# 71
Delta R.T. 0.02 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.1	60.2	90.2
43	122.1	22.7	34.1#



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: 31.198 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.02 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

ClientSampleId :

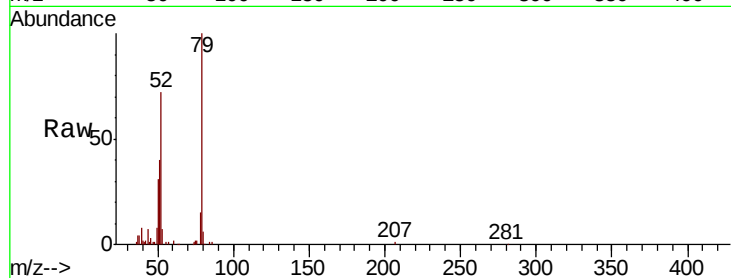
Tot Ion: 79 Resp: 74117

Ion Ratio Lower Upper

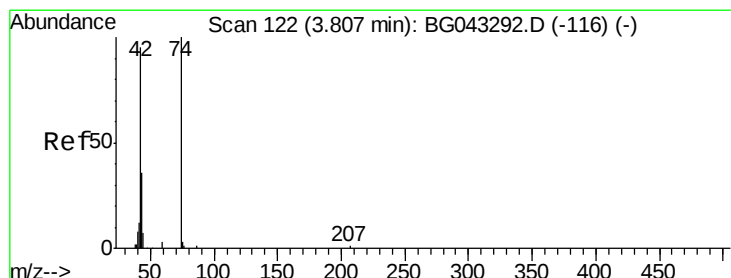
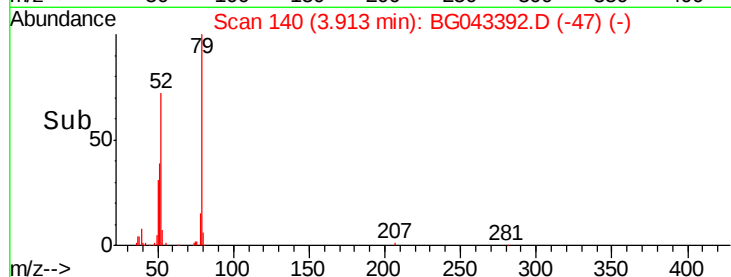
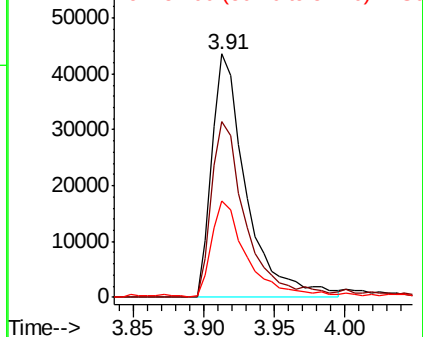
79 100

52 72.1 59.7 89.5

51 39.8 31.8 47.6



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



#4

n-Nitrosodimethylamine

Concen: 48.076 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

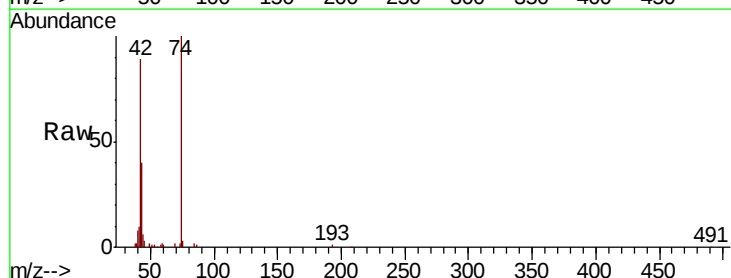
Tgt Ion: 42 Resp: 57633

Ion Ratio Lower Upper

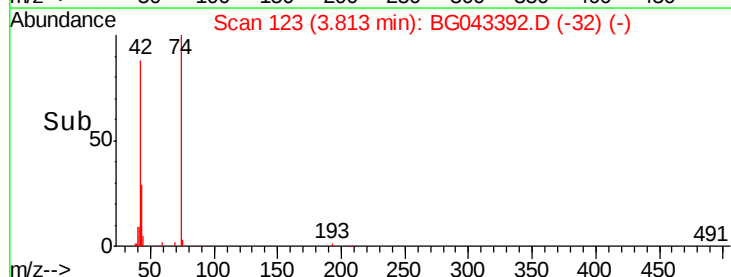
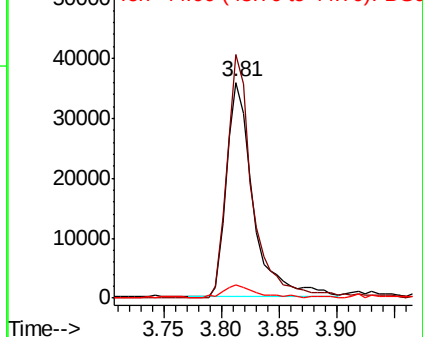
42 100

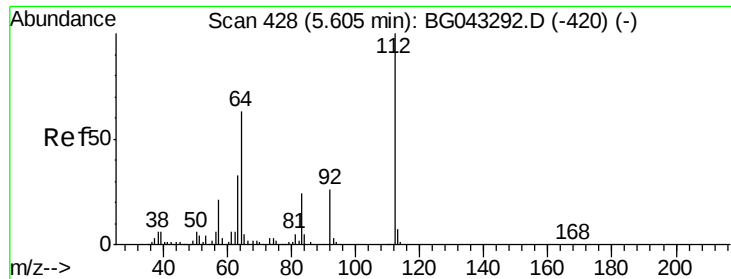
74 112.9 84.2 126.2

44 6.3 6.0 9.0



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





#5

2-Fluorophenol

Concen: 139.458 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

ClientSampled :

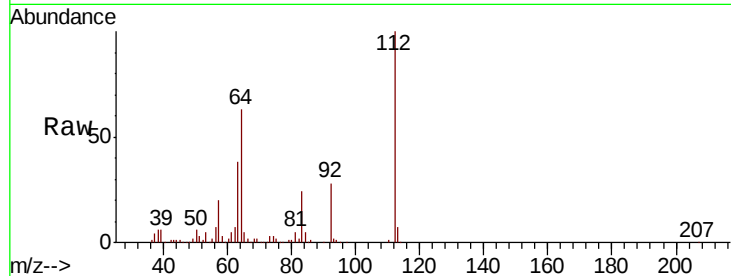
Tot Ion:112 Resp: 337030

Ion Ratio Lower Upper

112 100

64 63.5 50.2 75.2

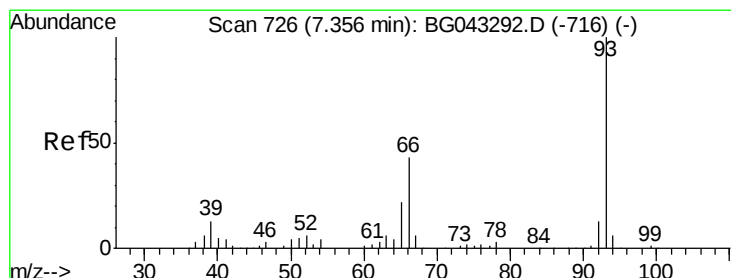
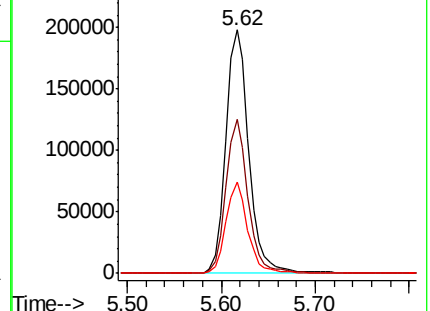
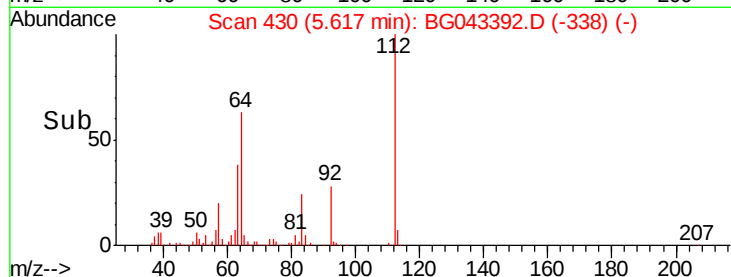
63 37.7 26.7 40.1



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: 8.065 ng

RT: 7.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

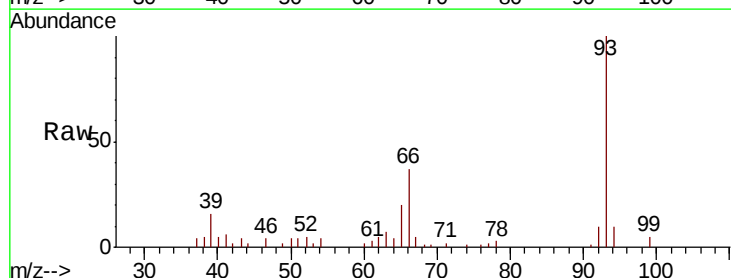
Tgt Ion: 93 Resp: 32305

Ion Ratio Lower Upper

93 100

66 37.1 34.5 51.7

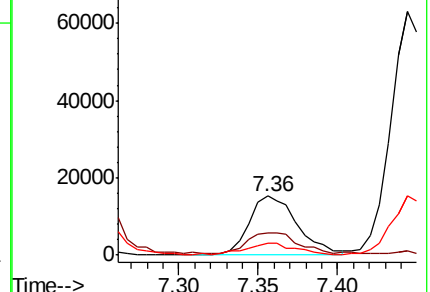
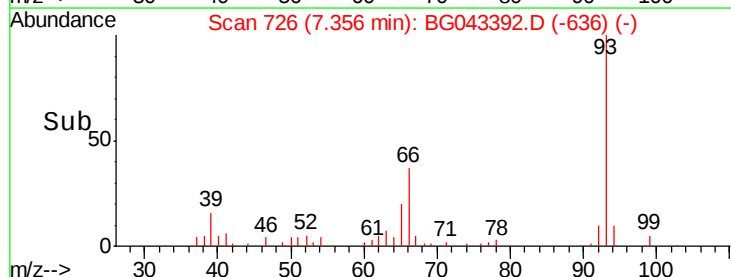
65 20.0 18.0 27.0

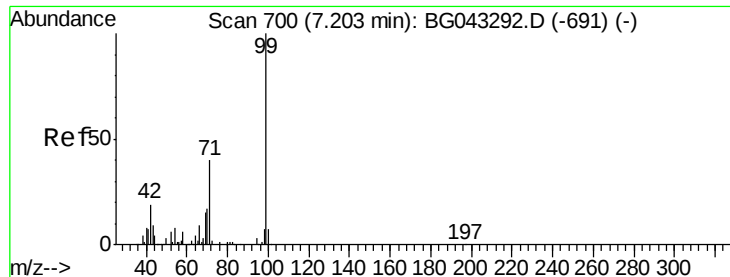


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.448 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

ClientSampleId :

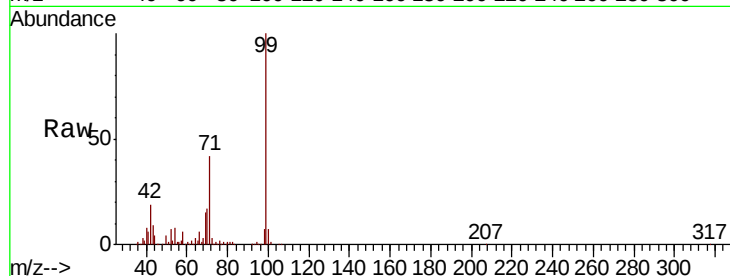
Tot Ion: 99 Resp: 457057

Ion Ratio Lower Upper

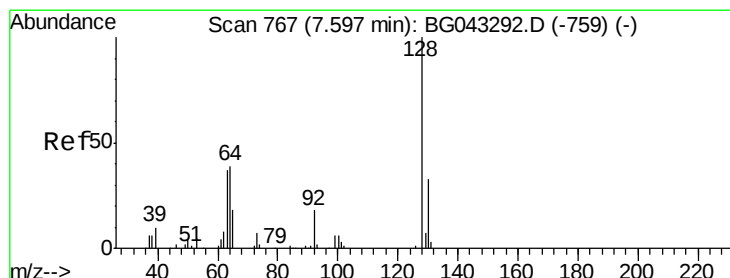
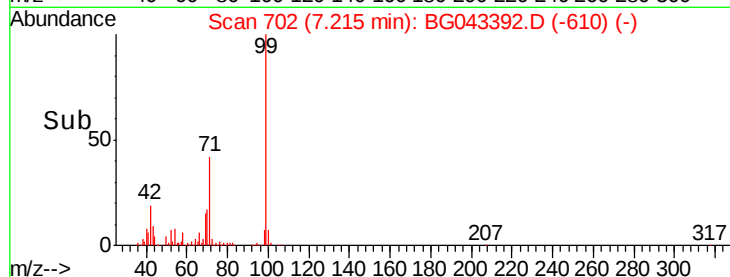
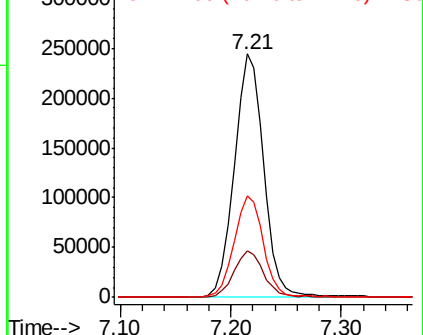
99 100

42 19.3 14.9 22.3

71 41.7 32.2 48.2



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: 47.834 ng

RT: 7.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

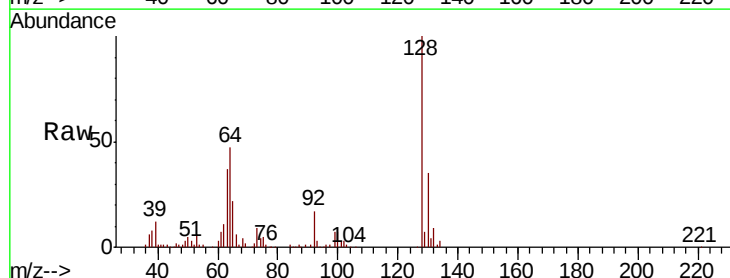
Tgt Ion: 128 Resp: 127610

Ion Ratio Lower Upper

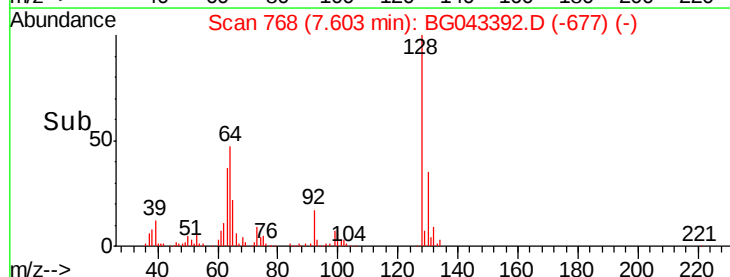
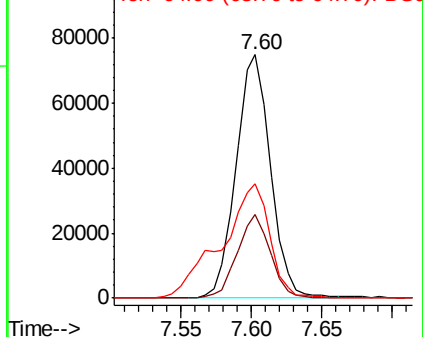
128 100

130 34.6 12.9 52.9

64 47.0 24.9 64.9



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





#9

Benzaldehyde

Concen: 18.931 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

ClientSampled :

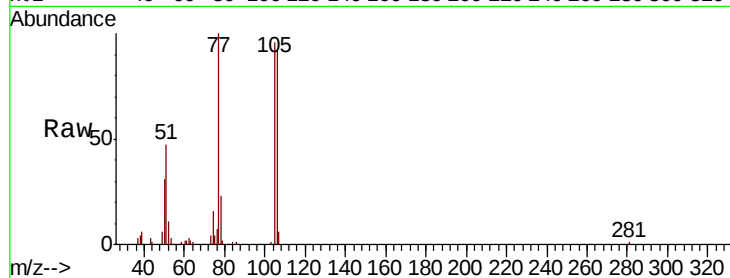
Tot Ion: 77 Resp: 32349

Ion Ratio Lower Upper

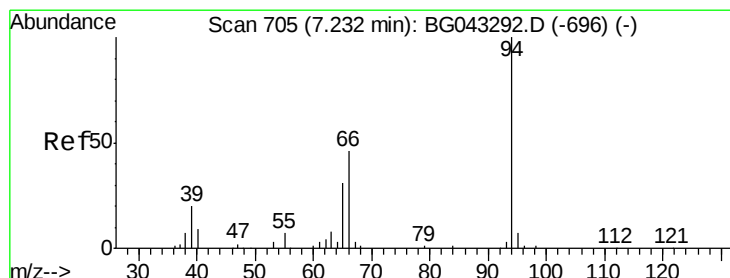
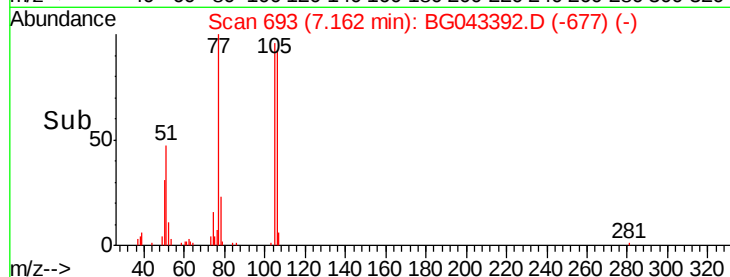
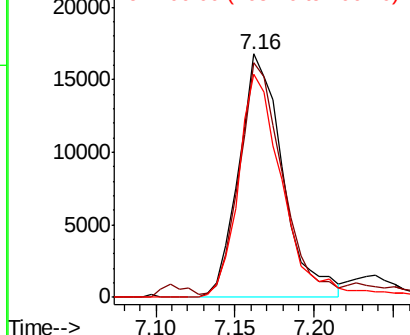
77 100

105 96.2 68.7 108.7

106 91.5 60.5 100.5



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: 48.867 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

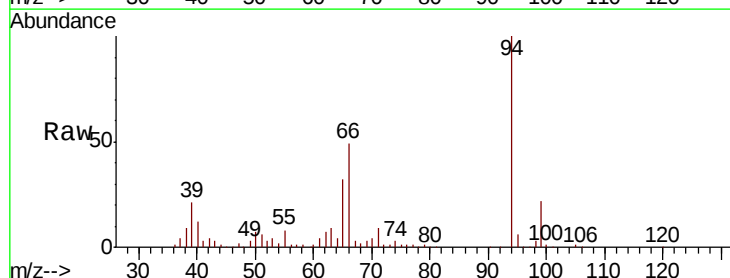
Tgt Ion: 94 Resp: 155268

Ion Ratio Lower Upper

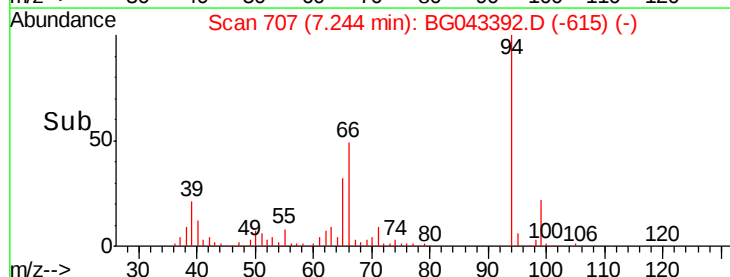
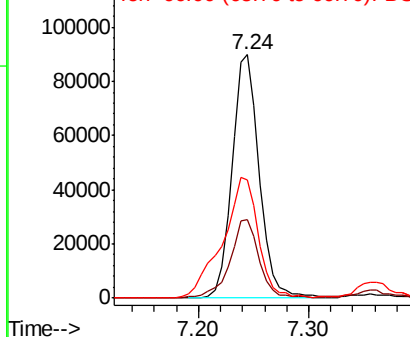
94 100

65 32.1 11.1 51.1

66 48.6 27.8 67.8



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

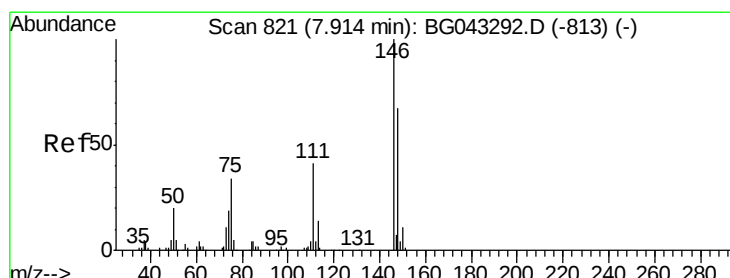
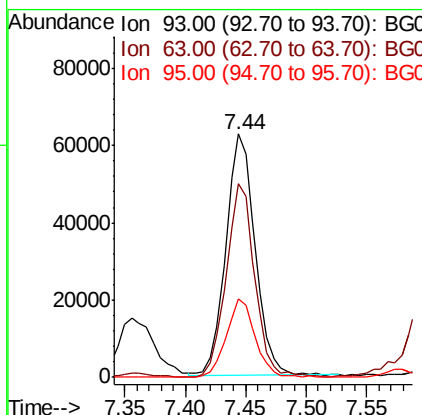
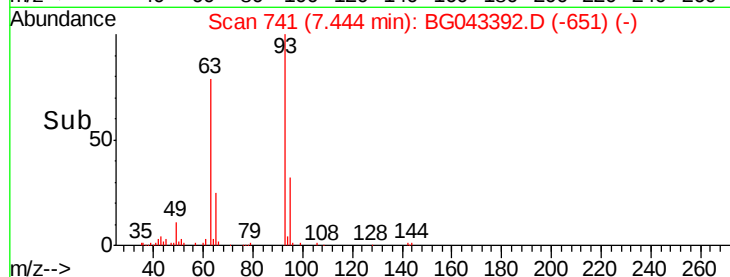
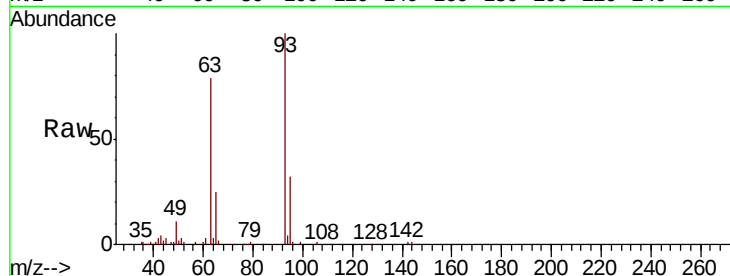




#11
bis(2-Chloroethyl)ether
Concen: 42.849 ng
RT: 7.44 min Scan# 741
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

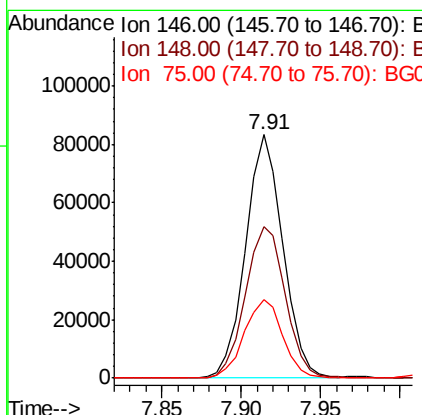
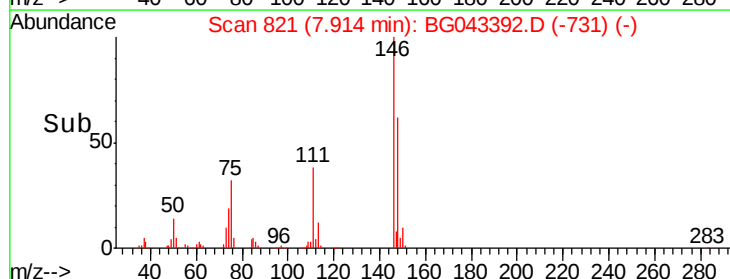
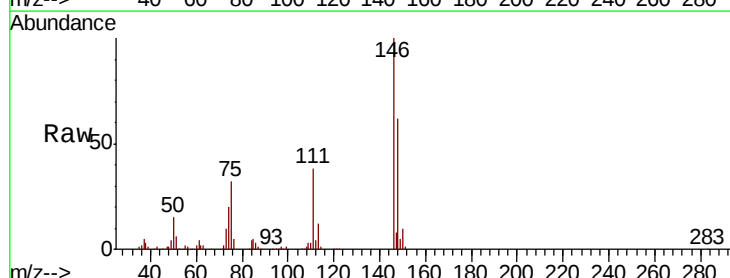
Instrument :
BNA_G
ClientSampleId :

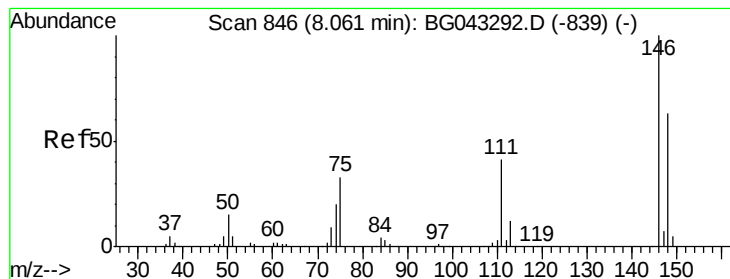
Tot Ion: 93 Resp: 105261
Ion Ratio Lower Upper
93 100
63 79.4 54.6 94.6
95 32.2 9.7 49.7



#12
1,3-Dichlorobenzene
Concen: 40.736 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion: 146 Resp: 136159
Ion Ratio Lower Upper
146 100
148 62.0 53.4 80.2
75 32.5 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 42.275 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

ClientSampled :

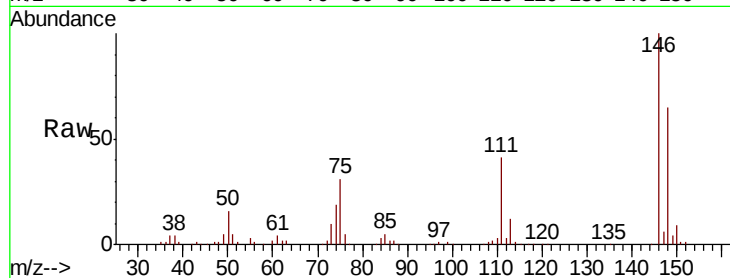
Tot Ion:146 Resp: 142965

Ion Ratio Lower Upper

146 100

148 64.6 50.7 76.1

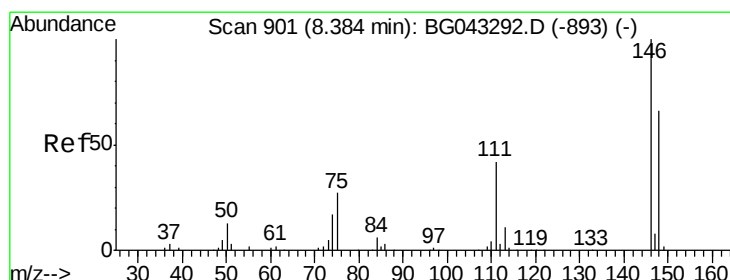
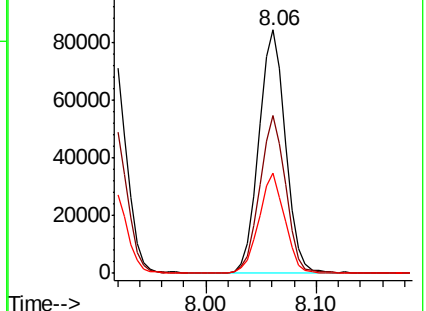
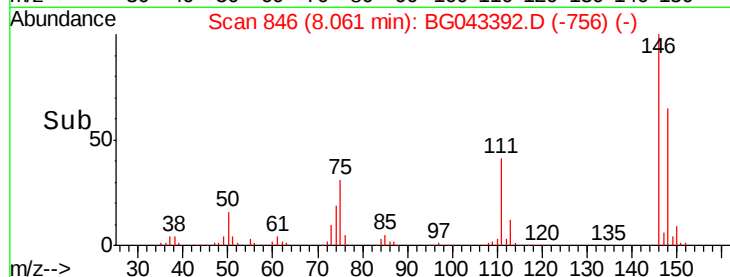
111 41.0 33.0 49.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.536 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

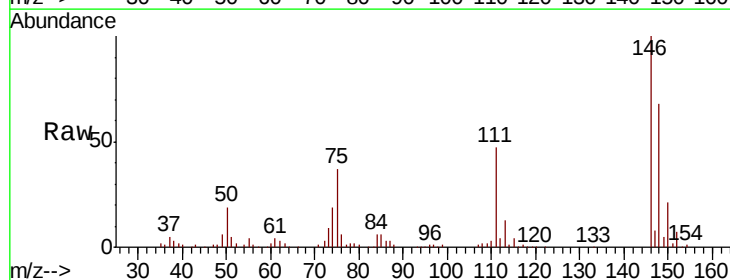
Tgt Ion:146 Resp: 133848

Ion Ratio Lower Upper

146 100

148 68.4 53.0 79.4

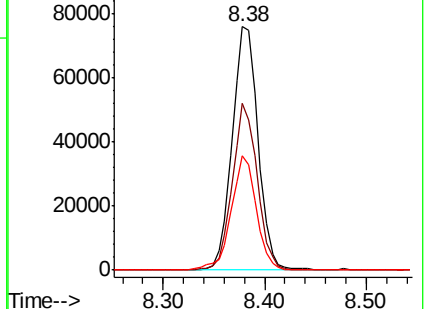
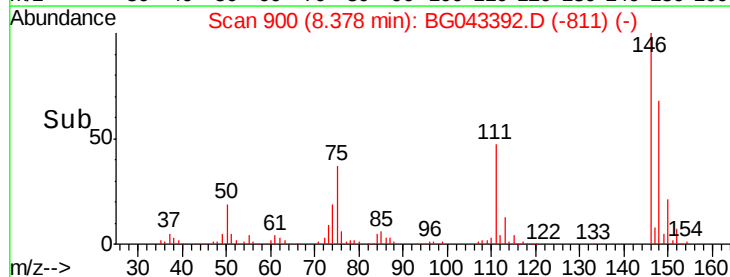
111 46.9 34.5 51.7

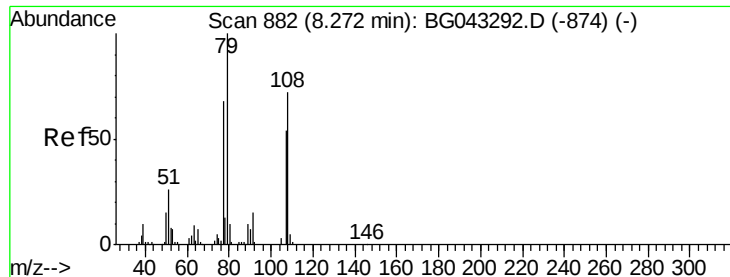


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.525 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

ClientSampleId :

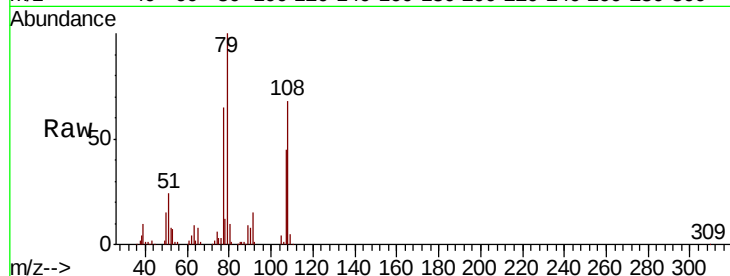
Tot Ion: 79 Resp: 111170

Ion Ratio Lower Upper

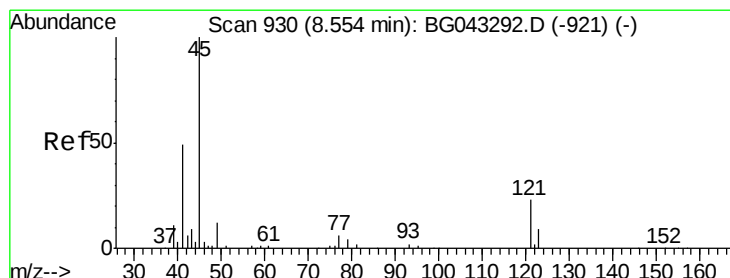
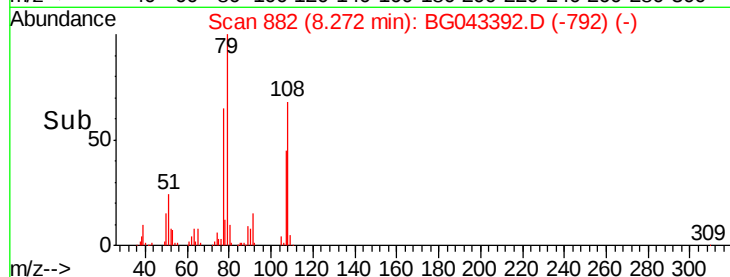
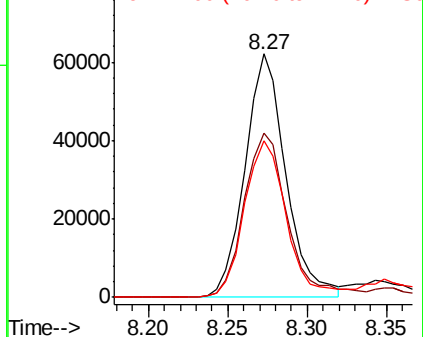
79 100

108 67.6 57.3 85.9

77 64.5 54.6 81.8



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: 40.505 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

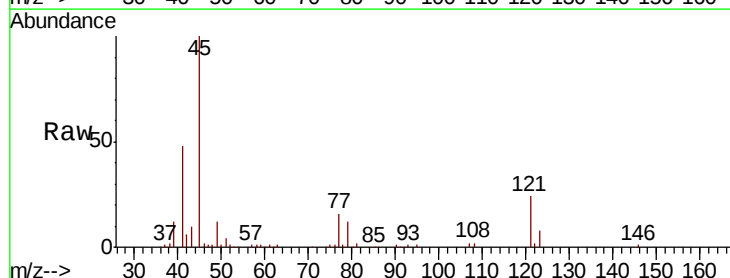
Tgt Ion: 45 Resp: 144685

Ion Ratio Lower Upper

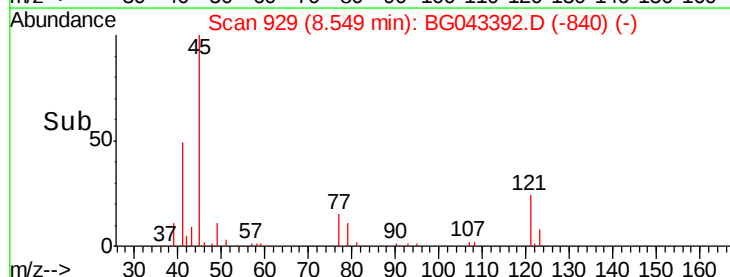
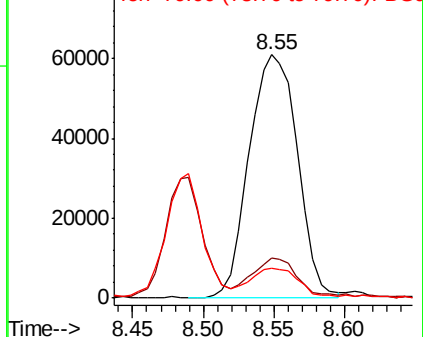
45 100

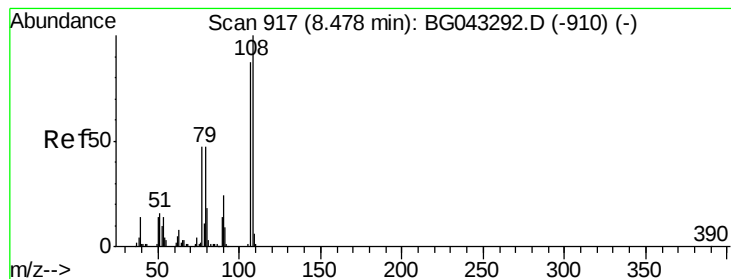
77 16.2 0.0 34.2

79 12.4 0.0 32.3



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: 46.132 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 106854

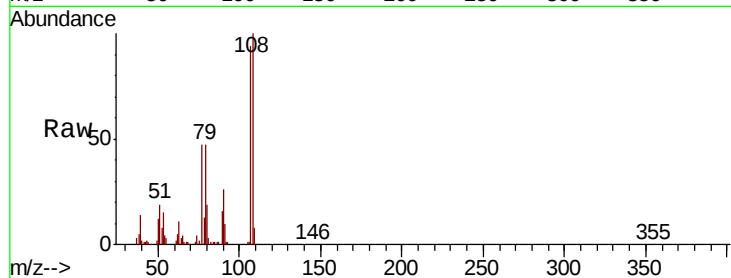
Ion Ratio Lower Upper

107 100

108 106.7 91.3 136.9

77 50.5 43.0 64.6

79 50.4 43.4 65.2

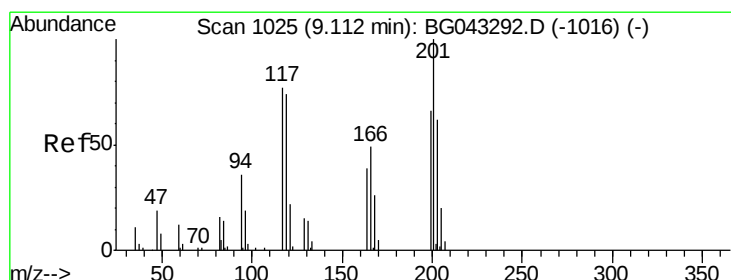
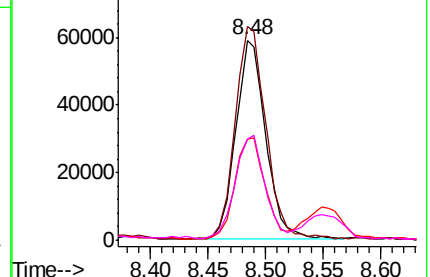
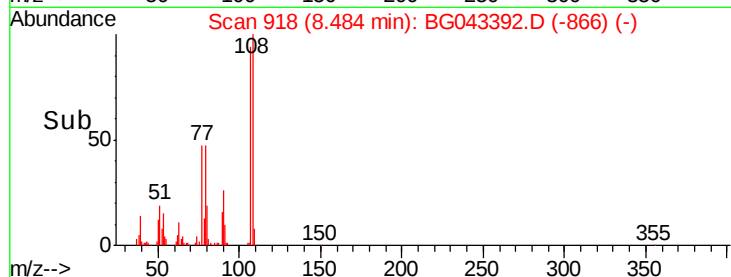


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.031 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

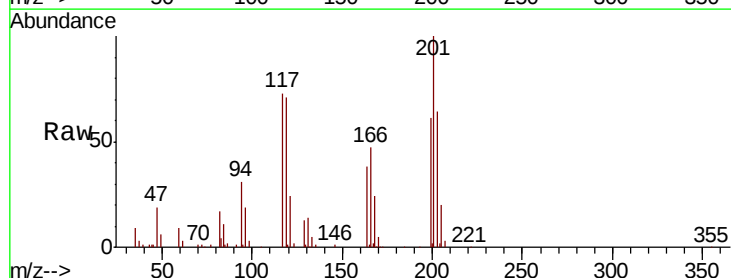
Tgt Ion:117 Resp: 48842

Ion Ratio Lower Upper

117 100

119 97.3 77.3 115.9

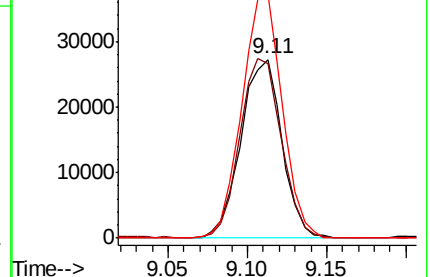
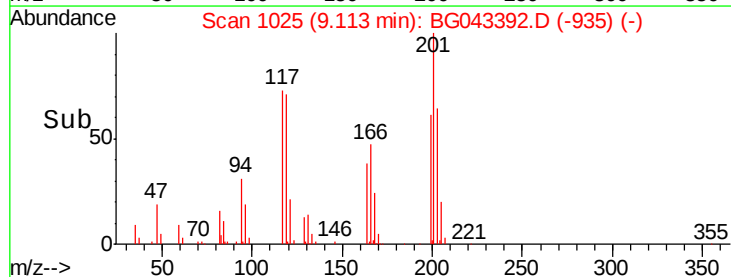
201 136.2 104.2 156.4

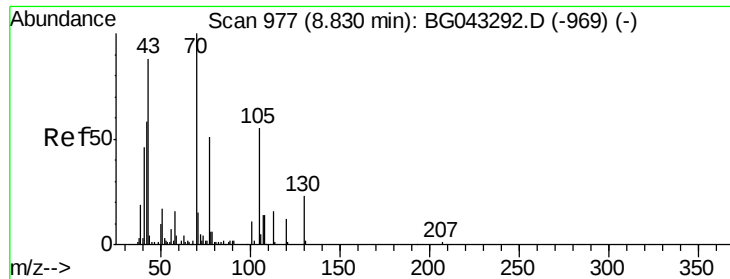


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

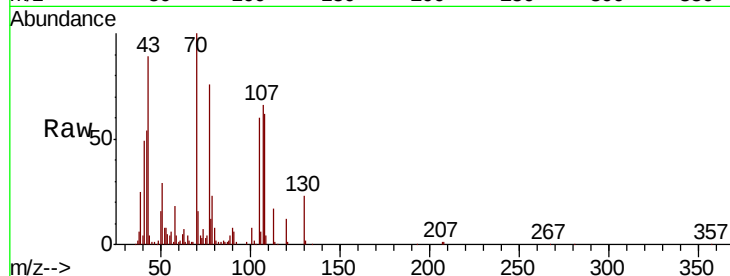




#19
n-Nitroso-di-n-propylamine
Concen: 42.039 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.8	46.2	69.2
101	8.2	8.6	13.0
130	23.1	18.6	27.8



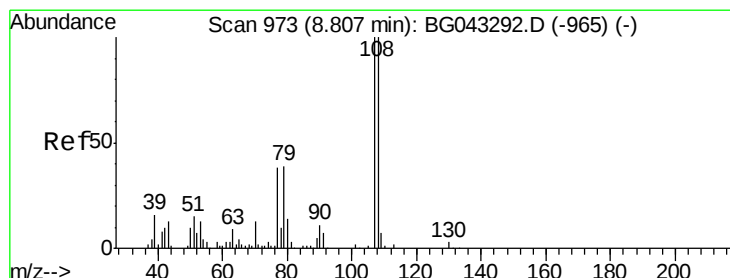
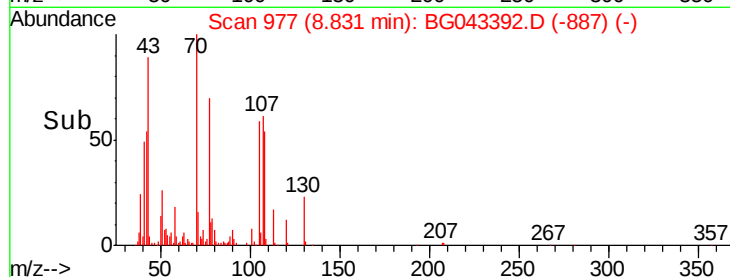
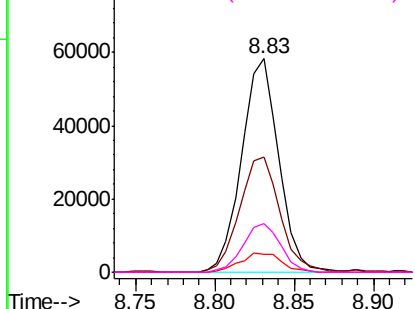
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

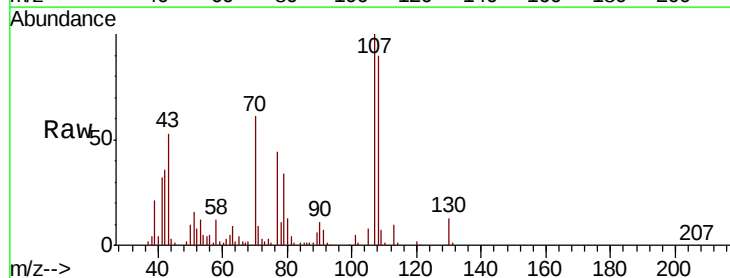
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 44.923 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	80.3	120.3
77	44.4	18.2	58.2
79	34.2	18.8	58.8



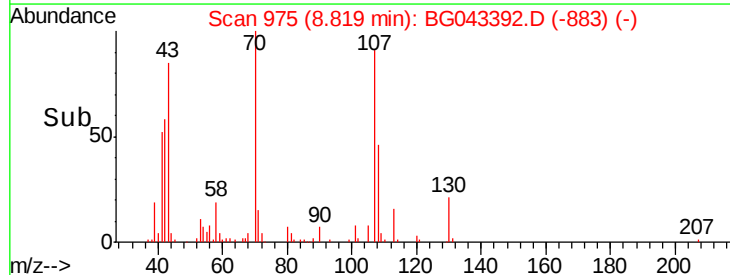
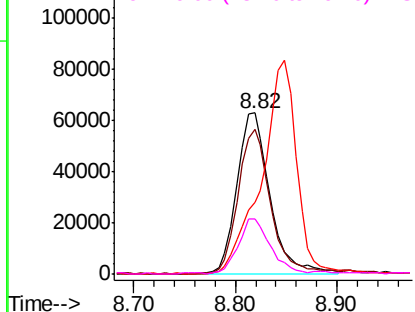
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 168213

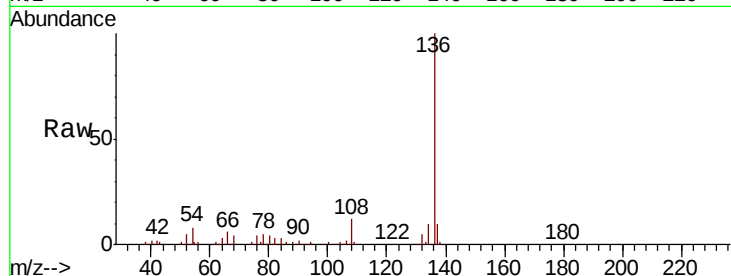
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.2

54 7.7 5.4 8.2

68 4.3 3.3 4.9

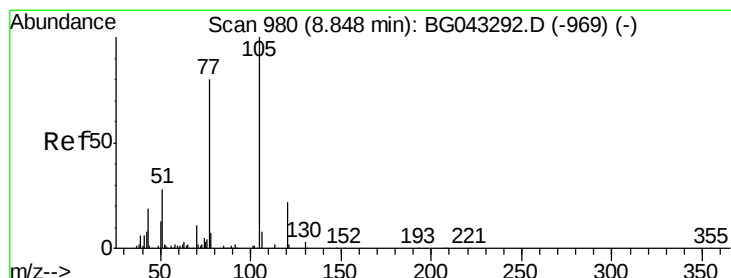
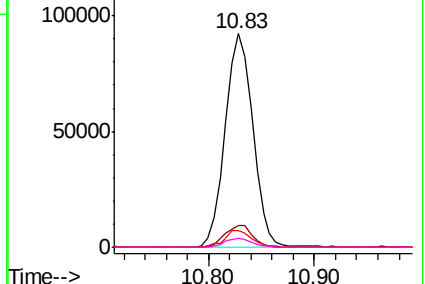
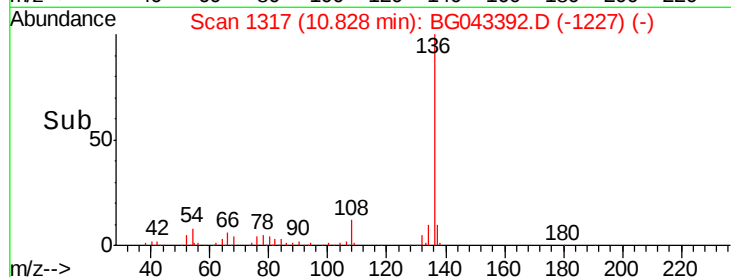


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.198 ng

RT: 8.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Tgt Ion:105 Resp: 186087

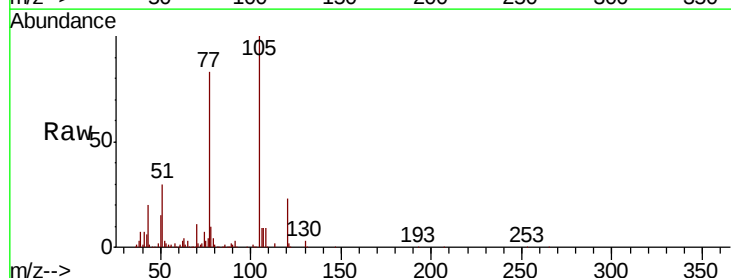
Ion Ratio Lower Upper

105 100

71 2.4 1.5 2.3#

51 30.2 23.9 35.9

120 22.9 17.3 25.9

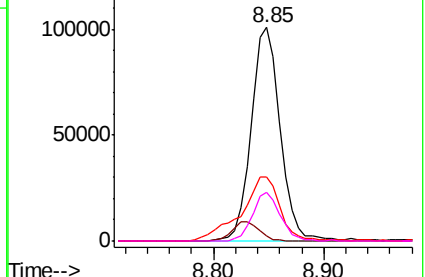
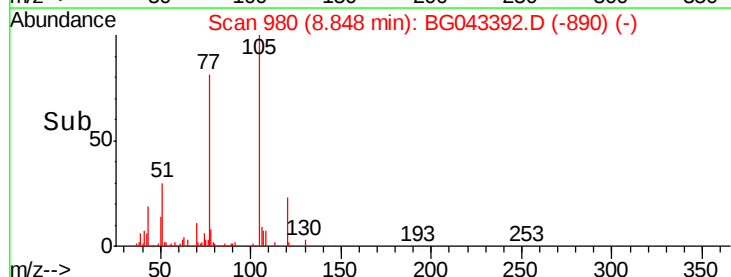


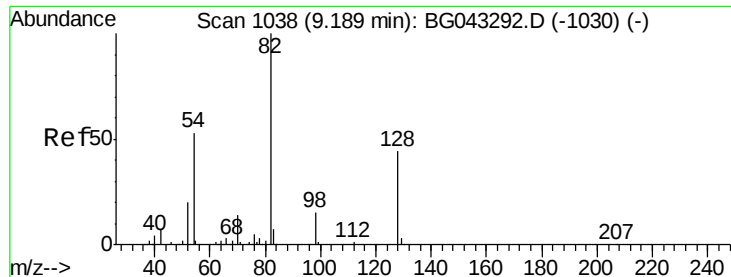
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

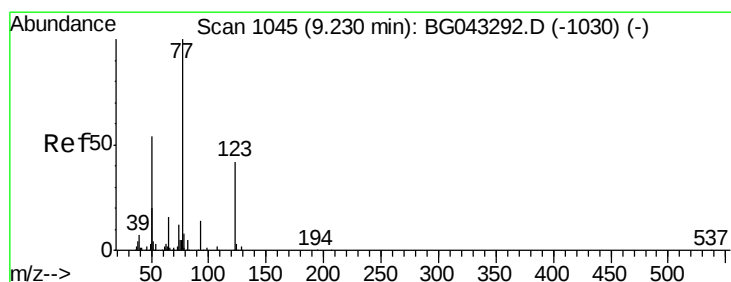
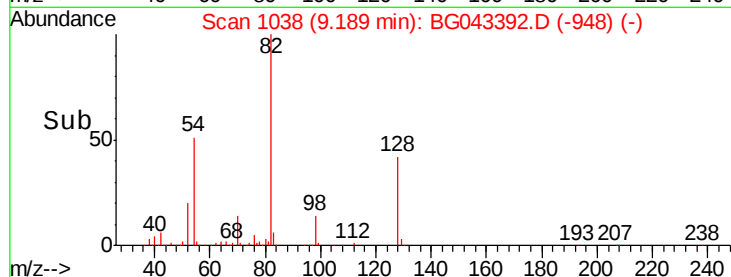
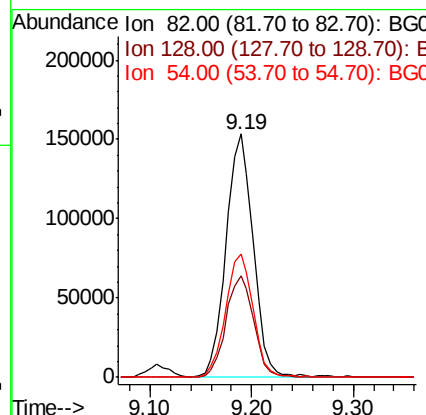
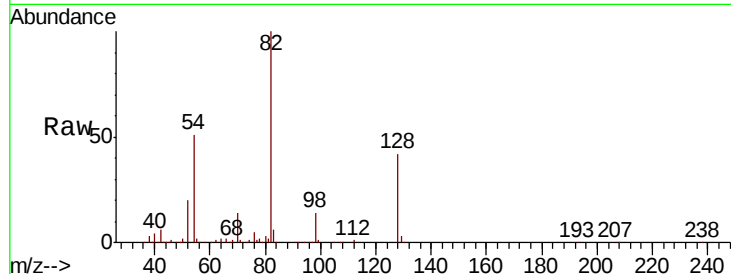




#23
 Nitrobenzene-d5
 Concen: 87.738 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

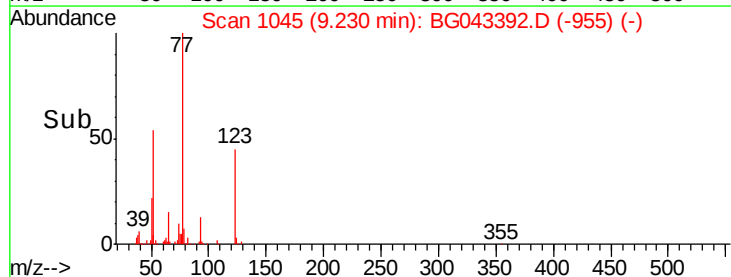
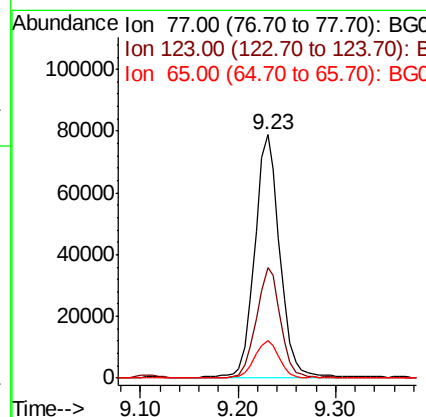
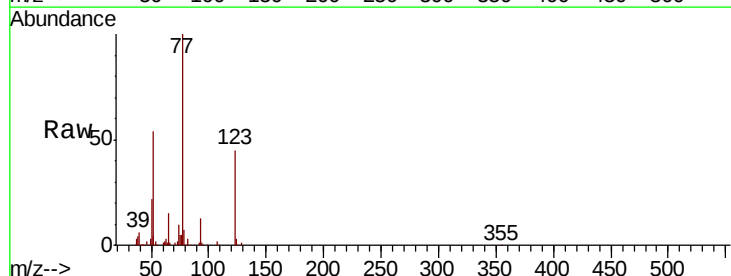
Instrument :
 BNA_G
 ClientSampleId :

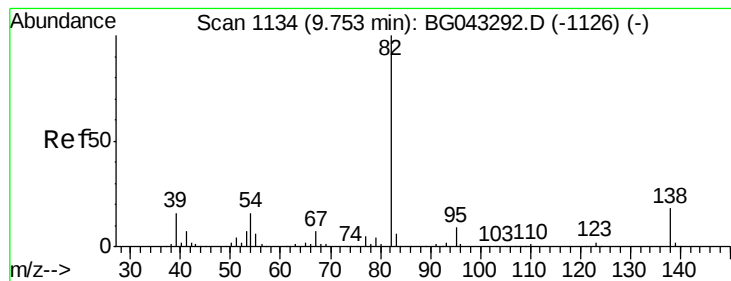
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.3	52.9
54	50.8	42.3	63.5



#24
 Nitrobenzene
 Concen: 45.995 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	33.8	50.8
65	15.4	13.0	19.4





#25

Isophorone

Concen: 44.252 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

ClientSampleId :

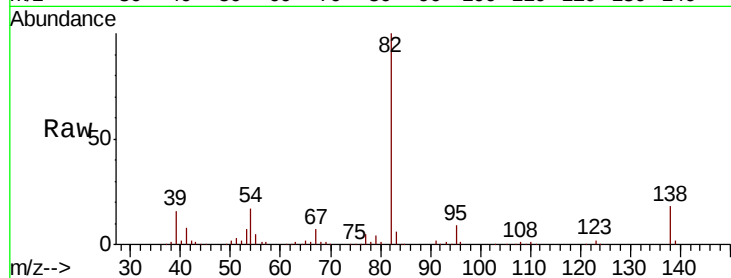
Tot Ion: 82 Resp: 263975

Ion Ratio Lower Upper

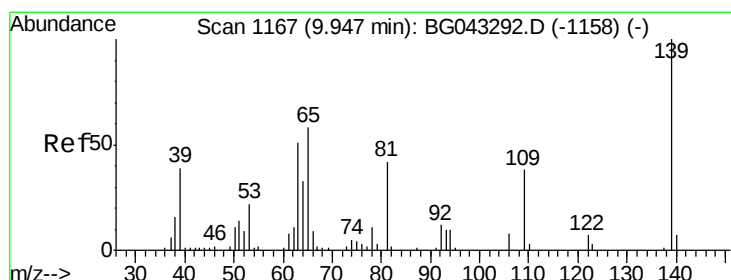
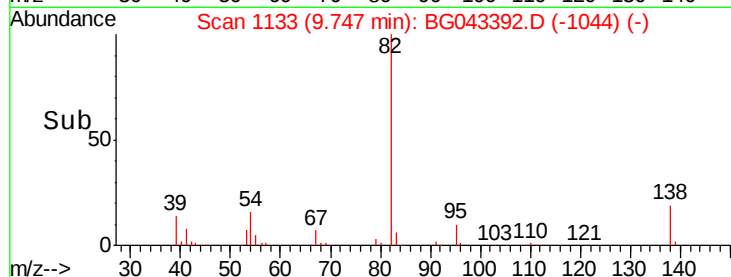
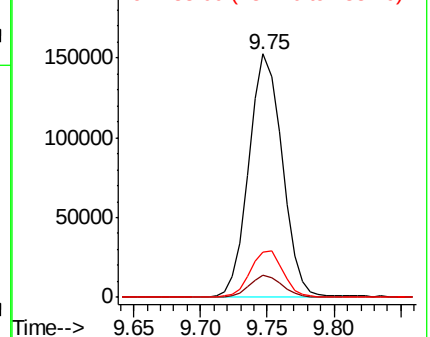
82 100

95 9.3 6.9 10.3

138 18.3 14.2 21.2



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: 49.235 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

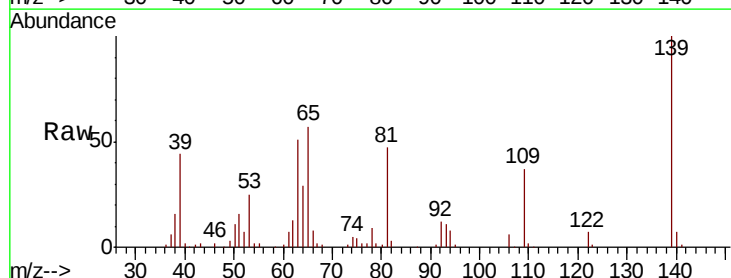
Tgt Ion: 139 Resp: 73882

Ion Ratio Lower Upper

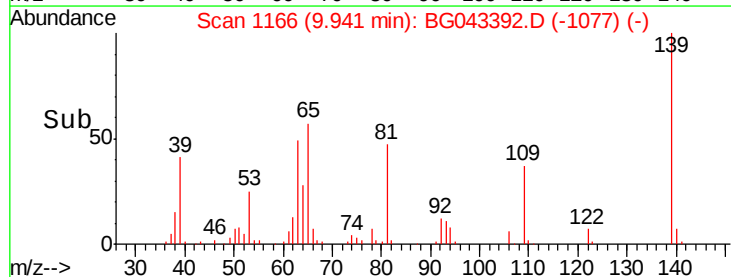
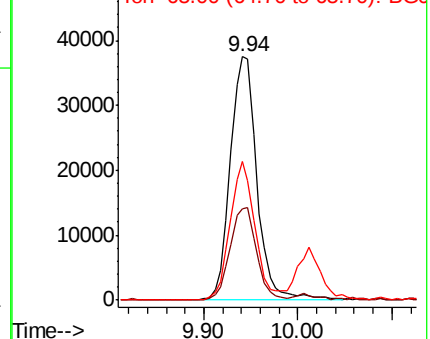
139 100

109 37.3 30.1 45.1

65 57.0 46.1 69.1



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

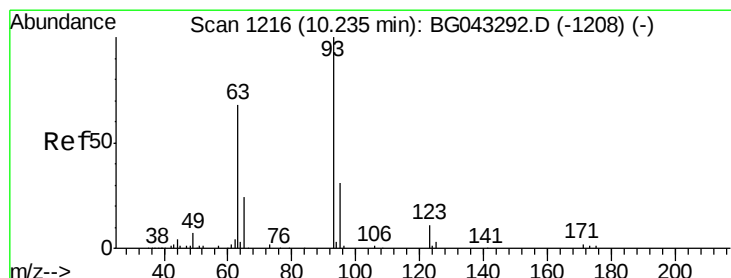
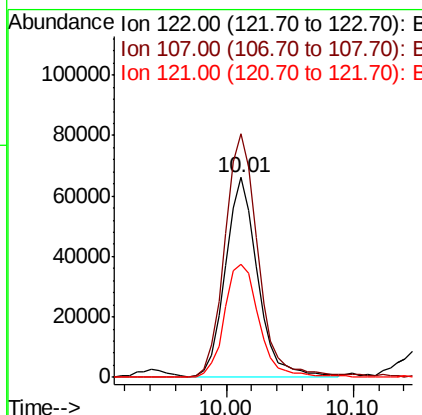
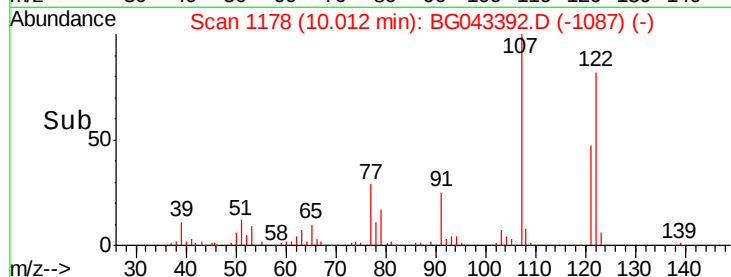
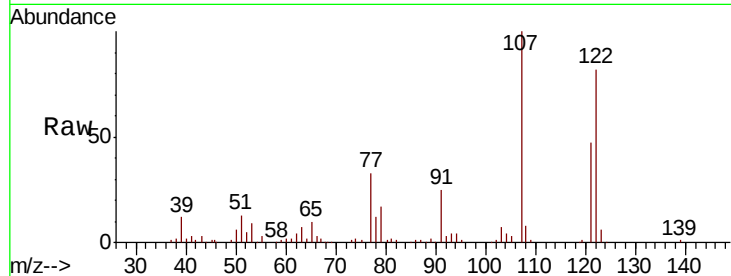




#27
 2,4-Dimethylphenol
 Concen: 53.170 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

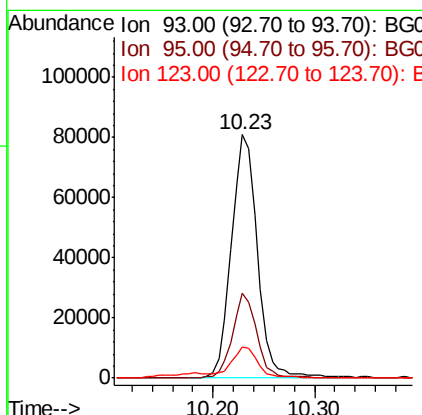
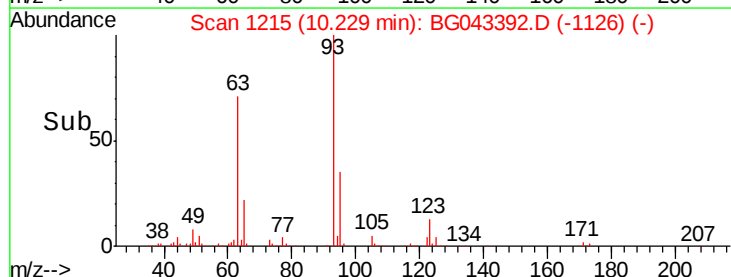
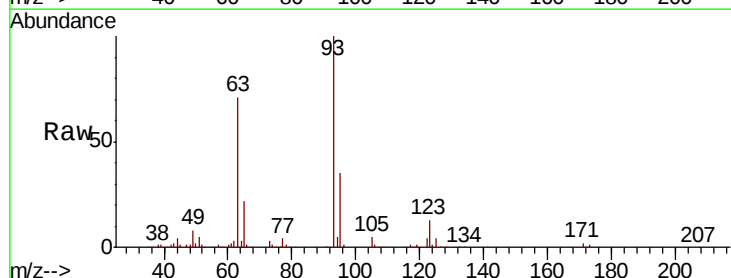
Instrument :
 BNA_G
 ClientSampled :

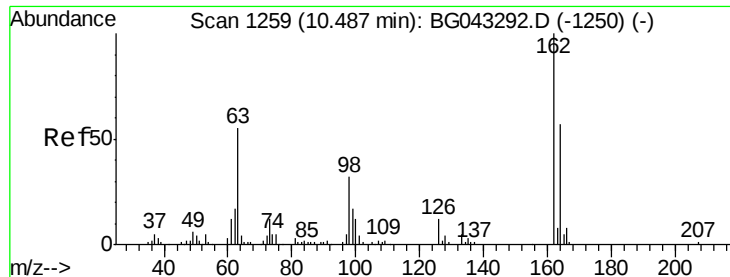
Tot Ion:122 Resp: 114356
 Ion Ratio Lower Upper
 122 100
 107 121.8 98.6 147.8
 121 56.8 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.909 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Tgt Ion: 93 Resp: 144566
 Ion Ratio Lower Upper
 93 100
 95 35.0 24.9 37.3
 123 12.7 8.9 13.3

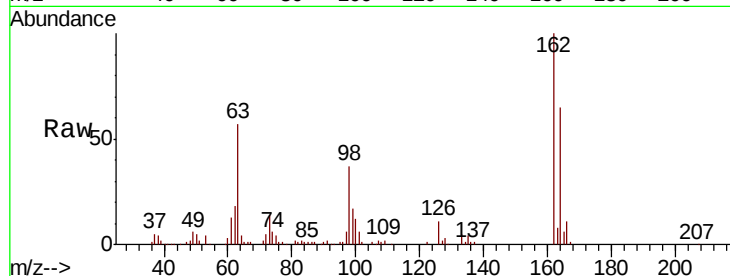




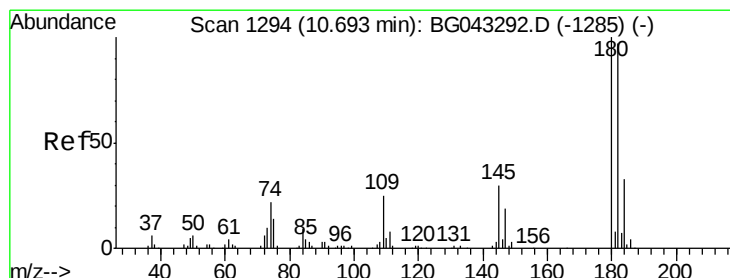
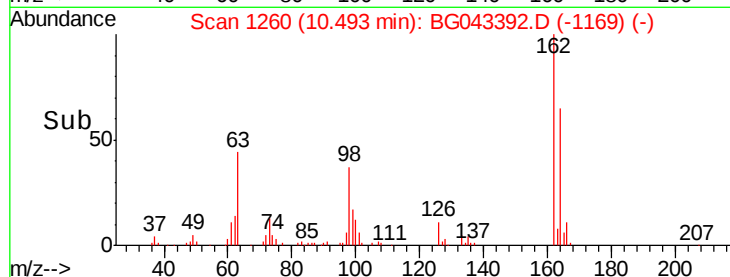
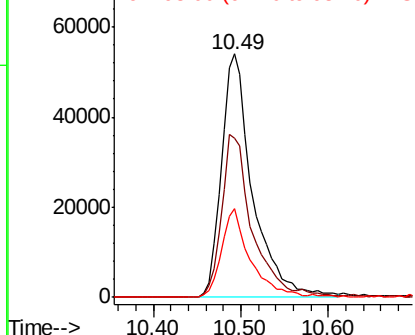
#29
2,4-Dichlorophenol
Concen: 47.773 ng
RT: 10.49 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	37.3	77.3
98	36.5	11.8	51.8

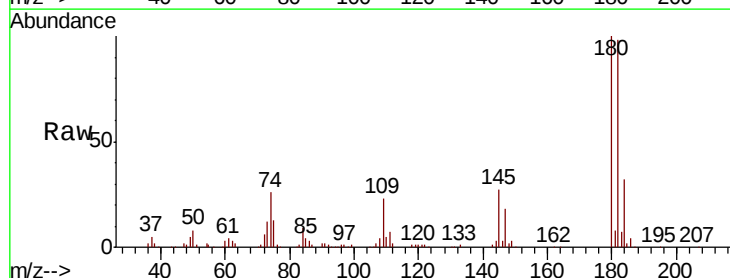


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

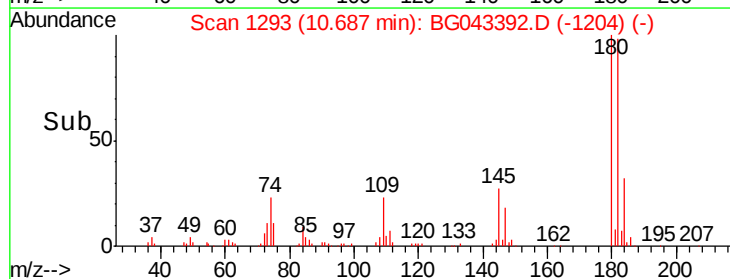
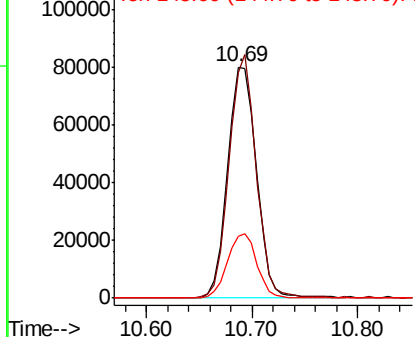


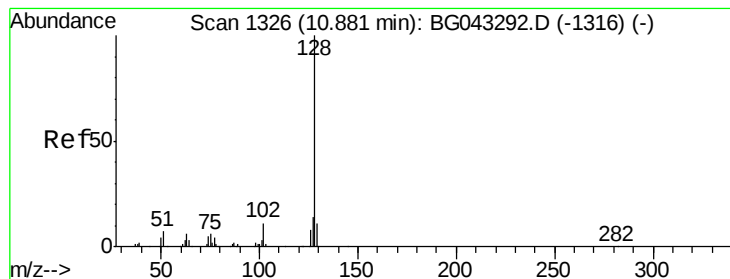
#30
1,2,4-Trichlorobenzene
Concen: 43.709 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	77.8	116.8
145	27.0	23.6	35.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.055 ng

RT: 10.88 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

ClientSampleId :

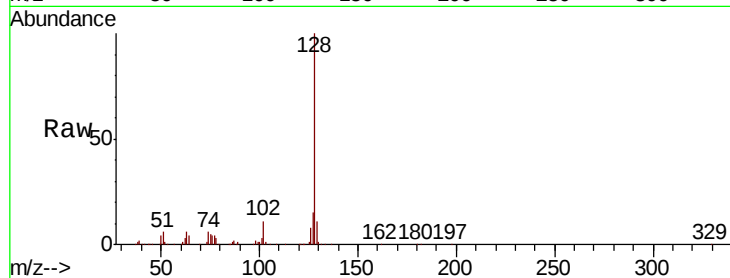
Tot Ion:128 Resp: 393236

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

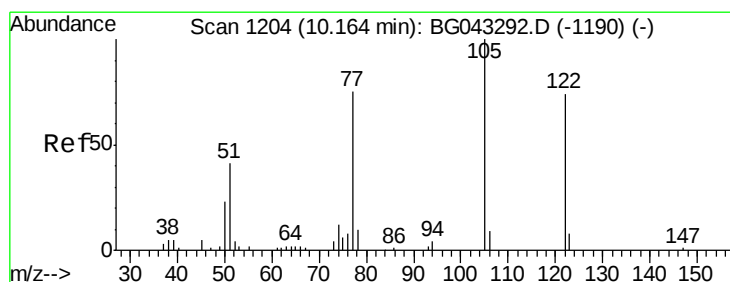
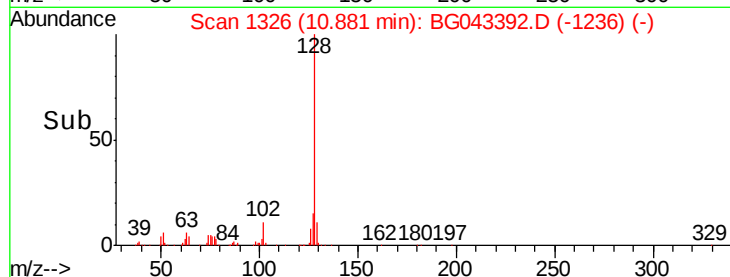
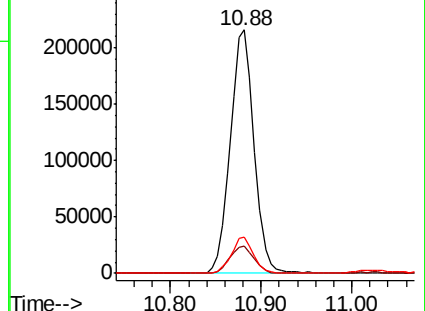
127 14.8 11.5 17.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.585 ng

RT: 10.18 min Scan# 1207

Delta R.T. 0.02 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

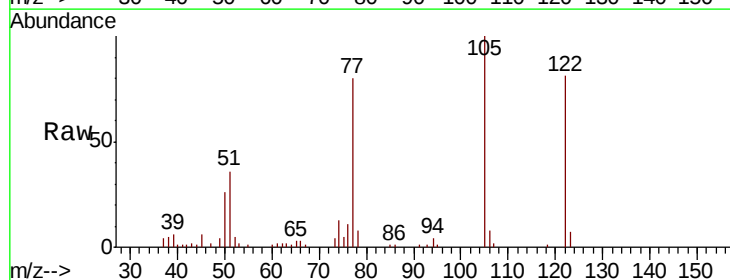
Tgt Ion:122 Resp: 65844

Ion Ratio Lower Upper

122 100

105 123.1 112.4 152.4

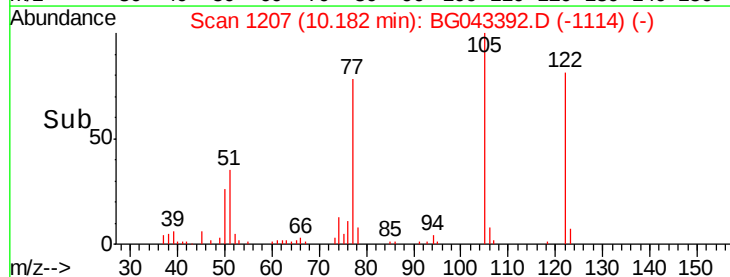
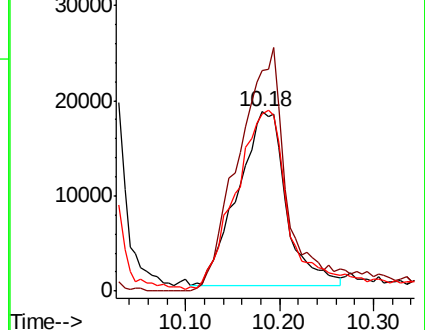
77 98.7 82.7 122.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

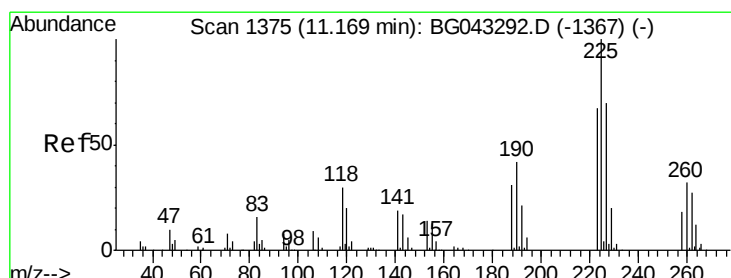
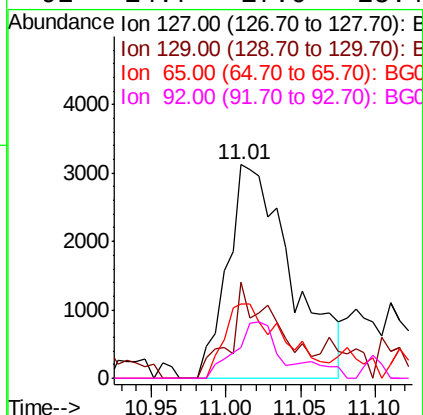
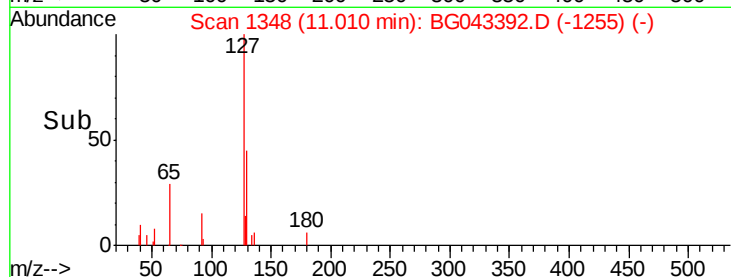
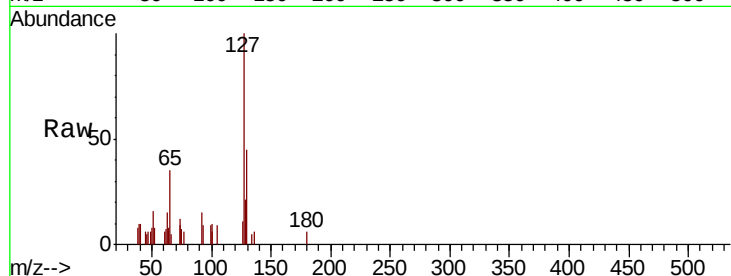




#33
4-Chloroaniline
Concen: 2.653 ng
RT: 11.01 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

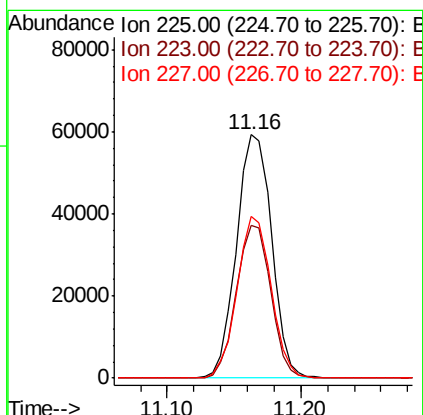
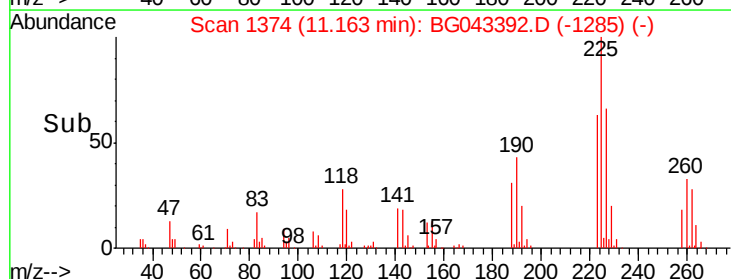
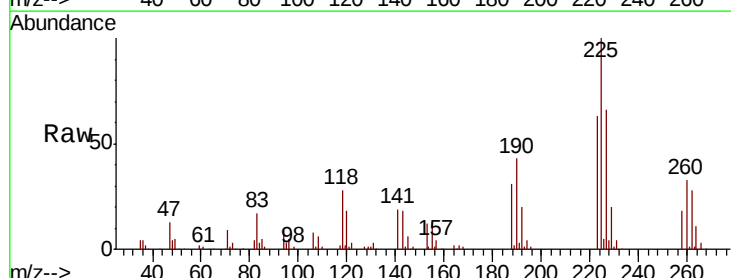
Instrument :
BNA_G
ClientSampled :

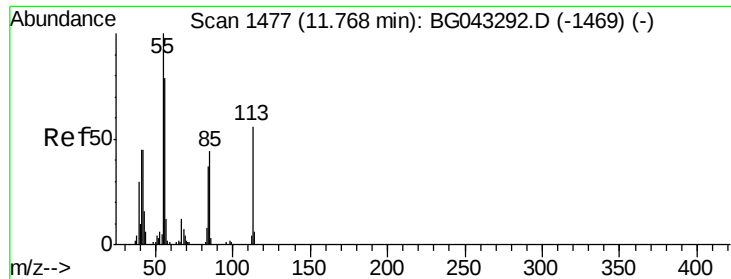
Tot Ion:127 Resp: 9287
Ion Ratio Lower Upper
127 100
129 45.2 25.8 38.8#
65 34.6 26.2 39.2
92 14.7 17.0 25.4#



#34
Hexachlorobutadiene
Concen: 42.123 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion:225 Resp: 108148
Ion Ratio Lower Upper
225 100
223 62.8 53.2 79.8
227 66.2 56.2 84.2





#35

Caprolactam

Concen: 26.686 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

ClientSampleId :

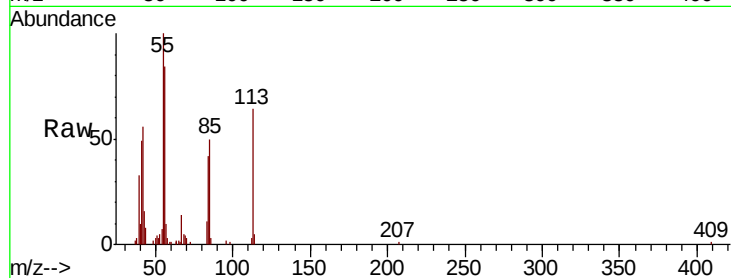
Tot Ion:113 Resp: 25327

Ion Ratio Lower Upper

113 100

55 156.0 158.9 198.9#

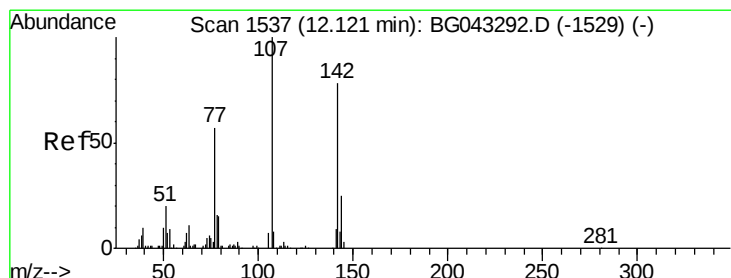
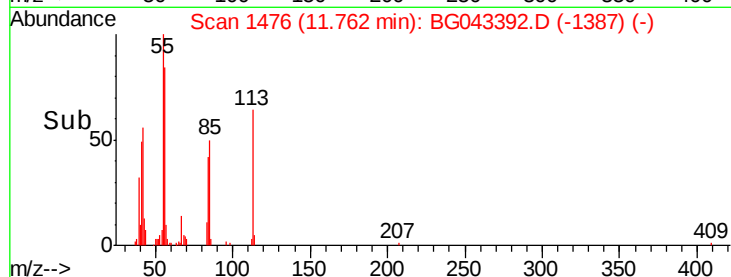
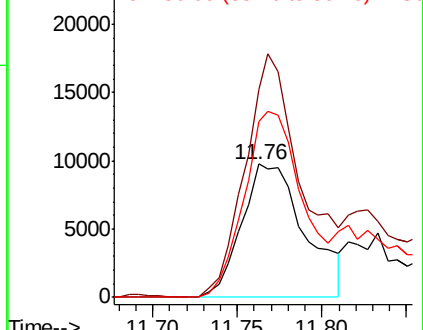
56 131.5 121.4 161.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 47.829 ng

RT: 12.13 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

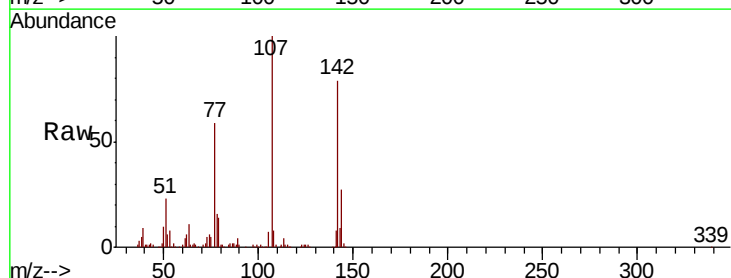
Tgt Ion:107 Resp: 143767

Ion Ratio Lower Upper

107 100

144 27.3 19.9 29.9

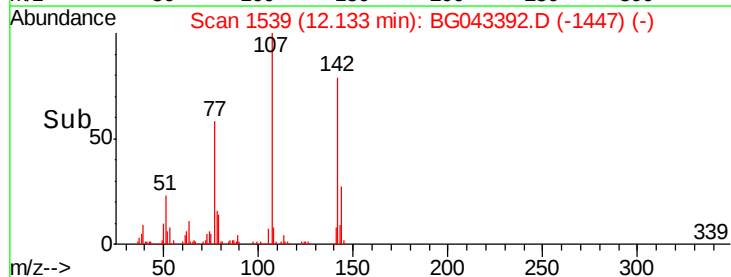
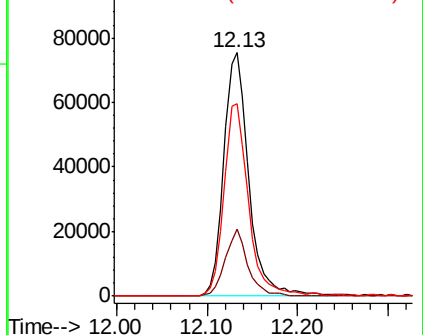
142 79.0 62.1 93.1



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

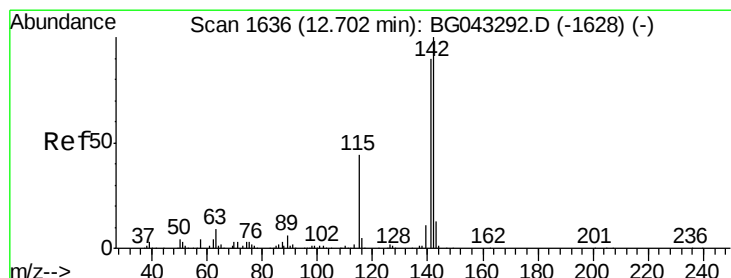
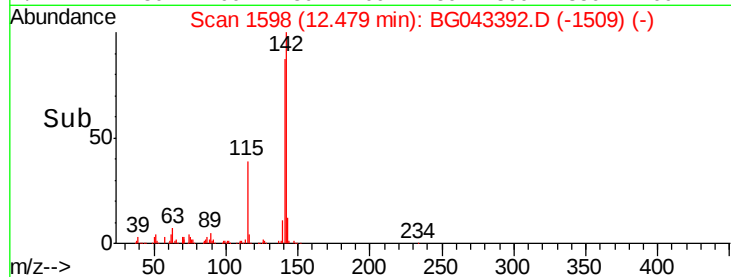
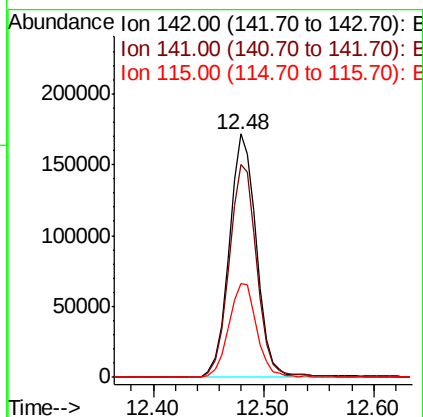
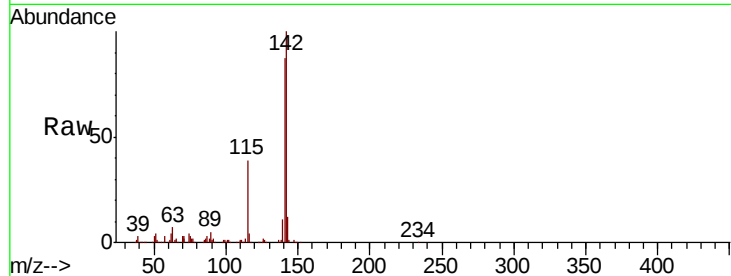




#37
 2-Methylnaphthalene
 Concen: 45.263 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

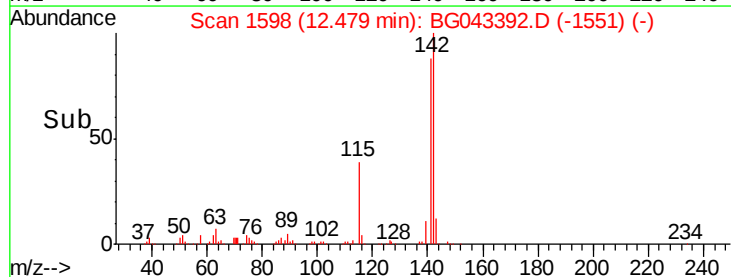
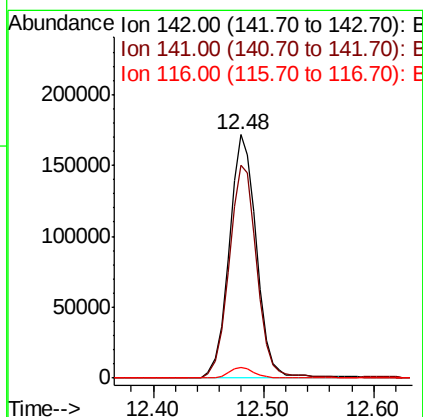
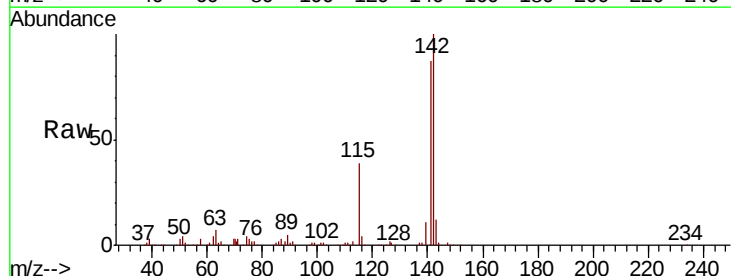
Instrument :
 BNA_G
 ClientSampleId :

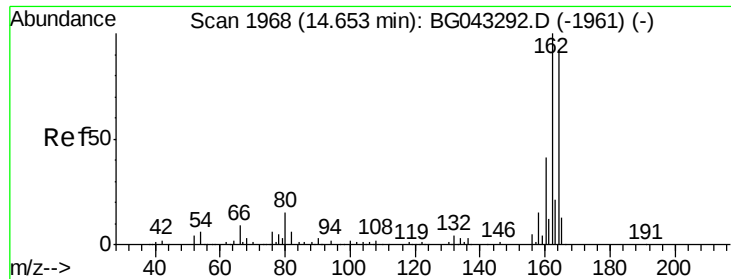
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.7	104.5
115	38.6	30.6	46.0



#38
 1-Methylnaphthalene
 Concen: 47.572 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.22 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	72.3	108.5
116	4.4	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

ClientSampleId :

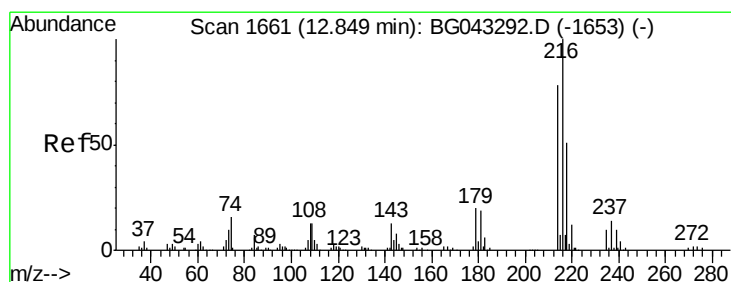
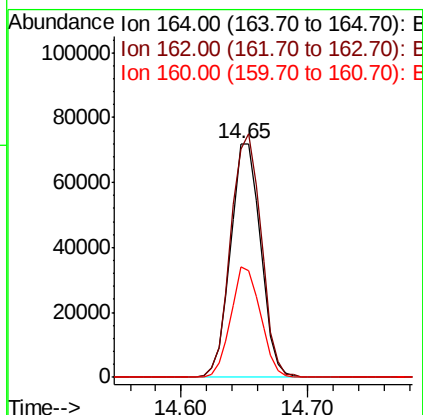
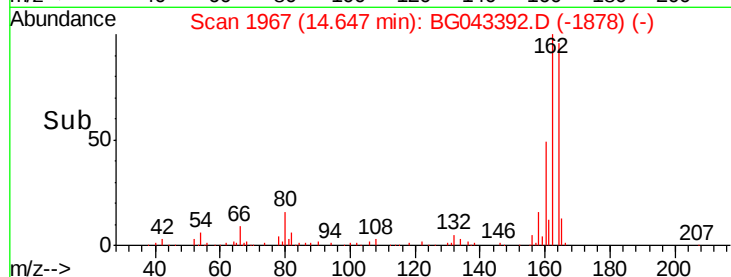
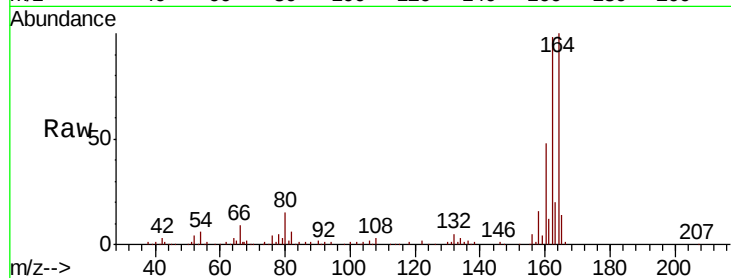
Tot Ion:164 Resp: 118180

Ion Ratio Lower Upper

164 100

162 97.9 87.0 130.4

160 47.6 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.879 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Tgt Ion:216 Resp: 191912

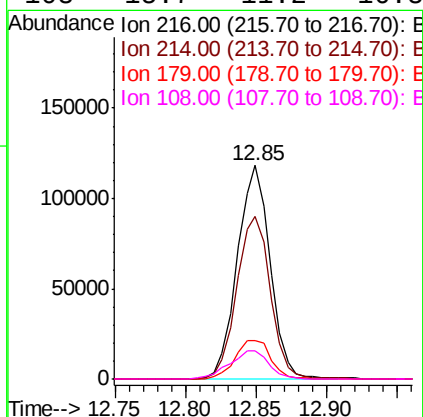
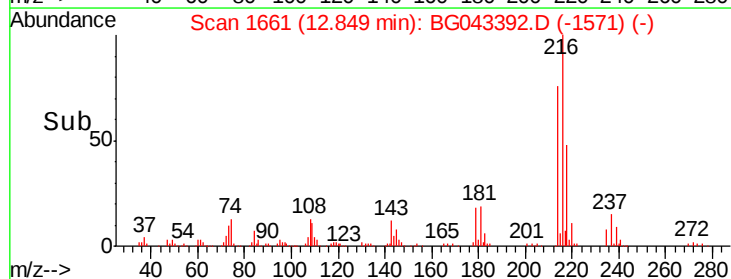
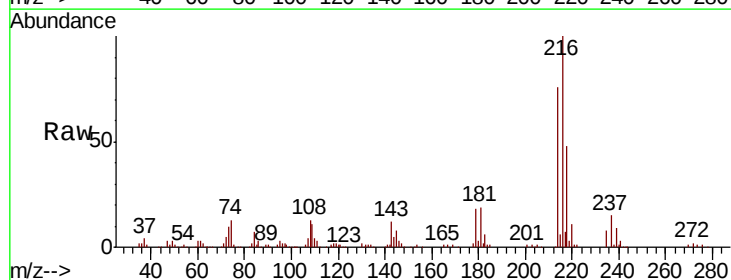
Ion Ratio Lower Upper

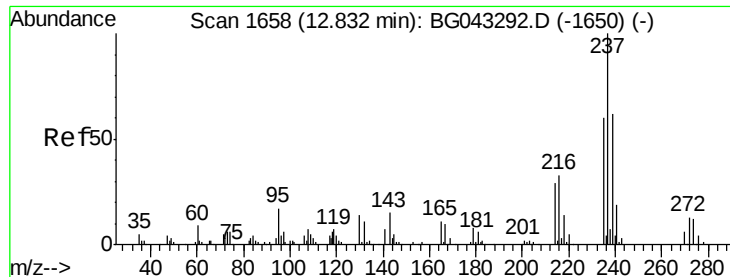
216 100

214 78.5 63.5 95.3

179 19.8 16.2 24.2

108 15.7 11.2 16.8





#41

Hexachlorocyclopentadiene

Concen: 84.813 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

ClientSampleId :

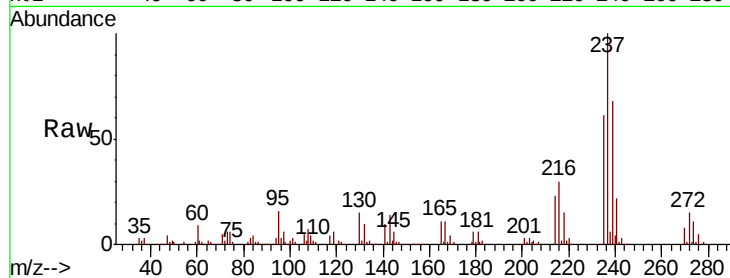
Tot Ion:237 Resp: 194860

Ion Ratio Lower Upper

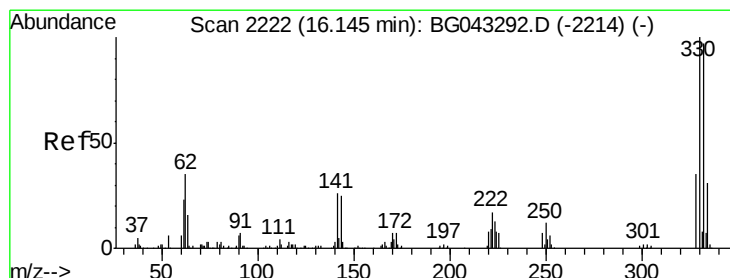
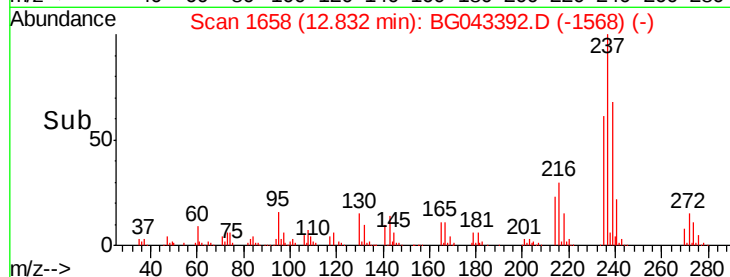
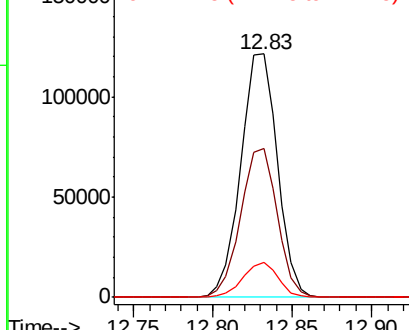
237 100

235 61.4 40.3 80.3

272 14.6 0.0 32.9



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: 129.238 ng

RT: 16.15 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

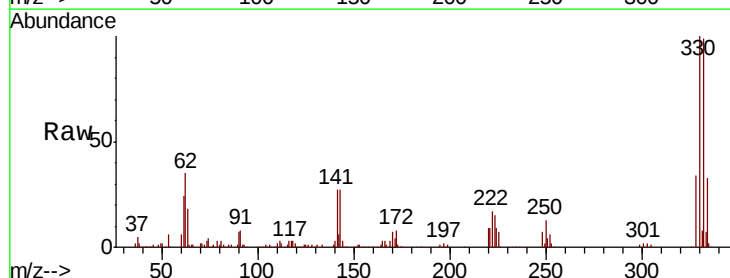
Tgt Ion:330 Resp: 290652

Ion Ratio Lower Upper

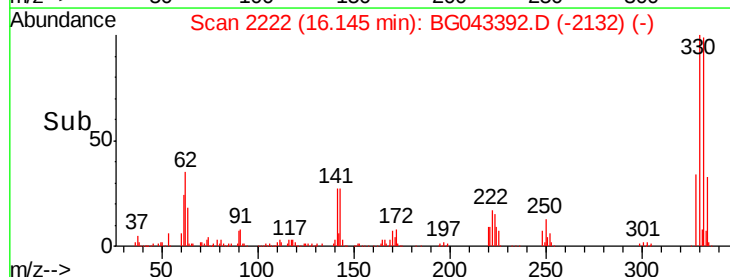
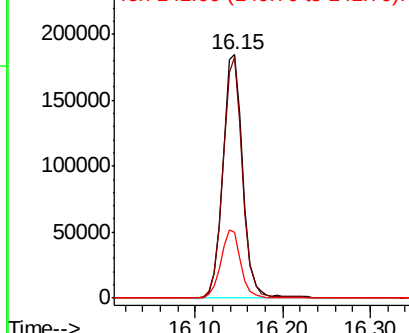
330 100

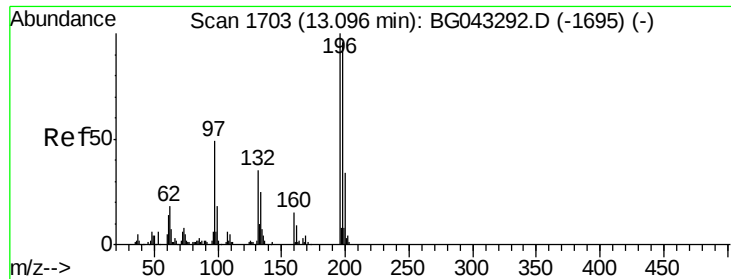
332 96.0 76.4 114.6

141 27.8 21.4 32.0



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

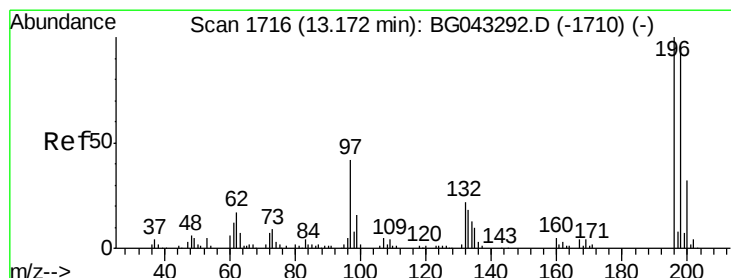
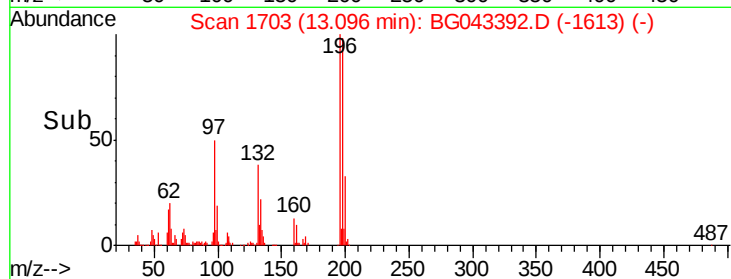
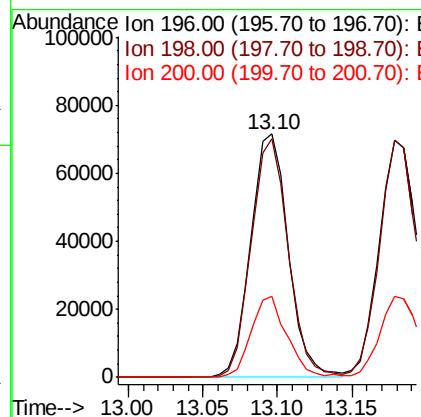
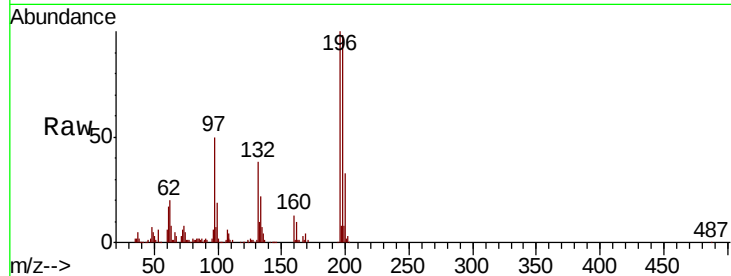




#43
 2,4,6-Trichlorophenol
 Concen: 48.241 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

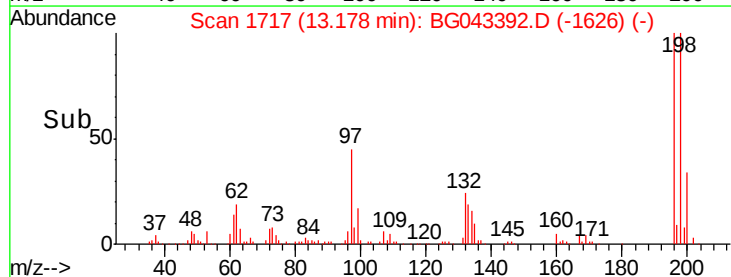
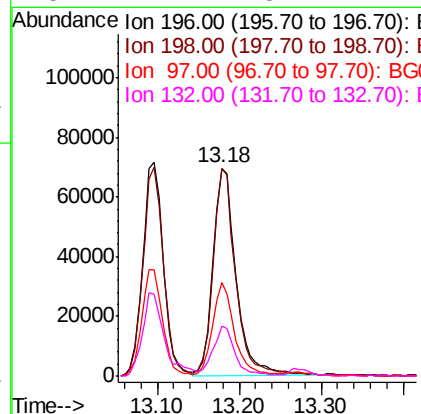
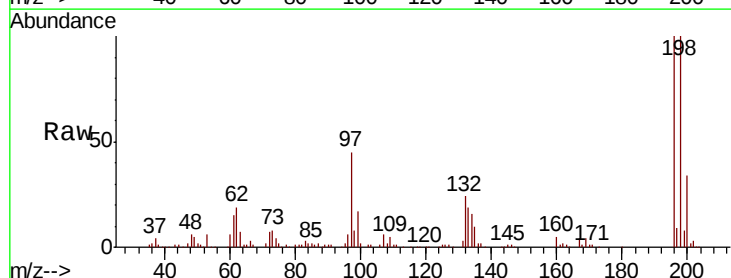
Instrument :
 BNA_G
 ClientSampleId :

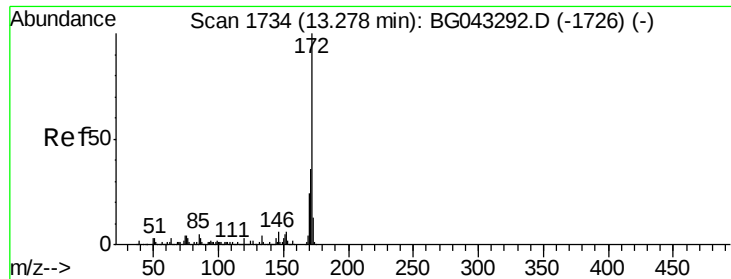
Tot Ion	196	Resp	124254
Ion Ratio	Lower	Upper	
196	100		
198	97.9	77.0	115.4
200	33.5	27.4	41.2



#44
 2,4,5-Trichlorophenol
 Concen: 52.507 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Tgt Ion	196	Resp	136728
Ion Ratio	Lower	Upper	
196	100		
198	100.2	76.6	114.8
97	44.9	34.1	51.1
132	24.2	18.2	27.4

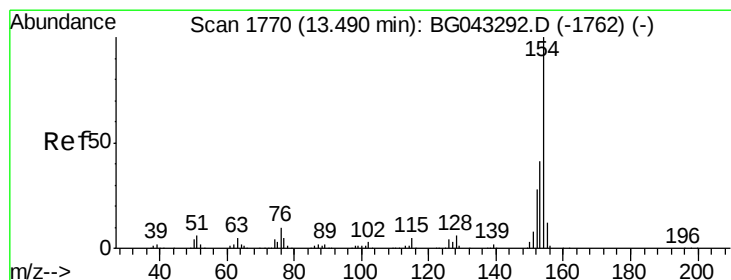
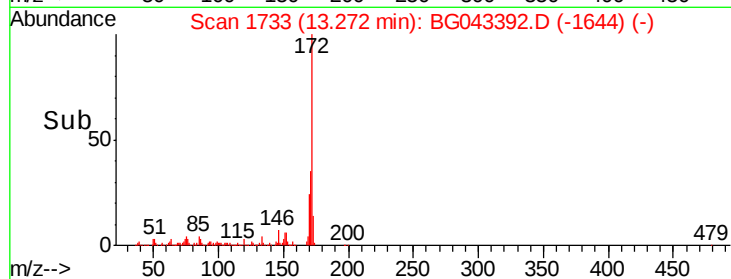
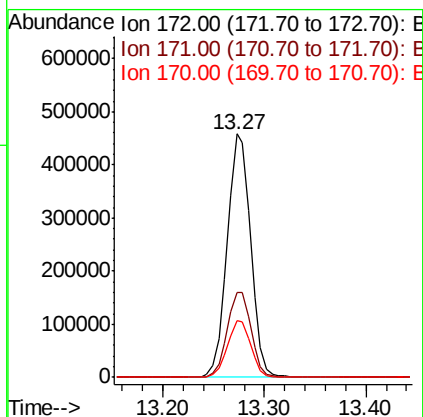
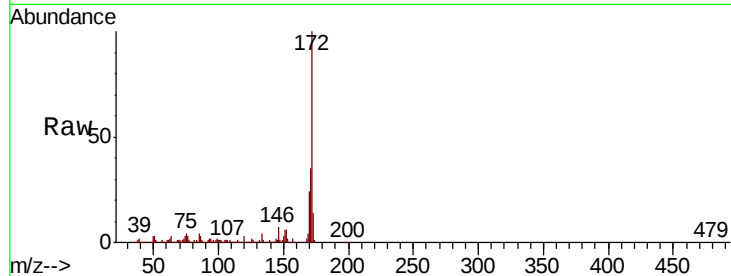




#45
2-Fluorobiphenyl
Concen: 85.902 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

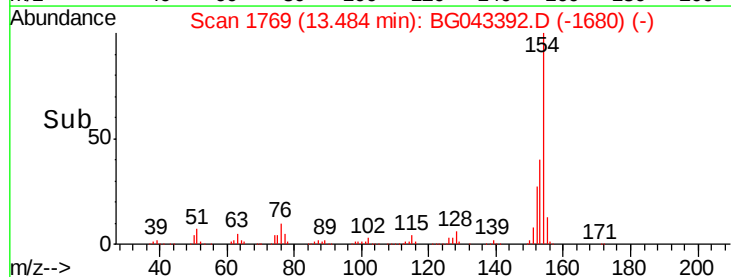
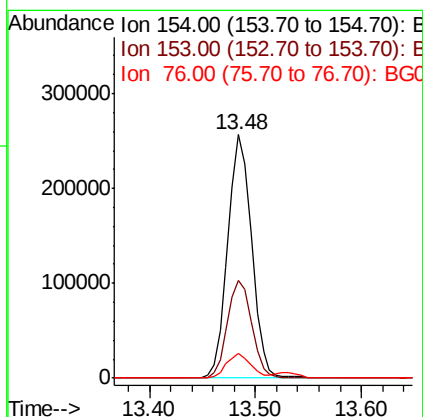
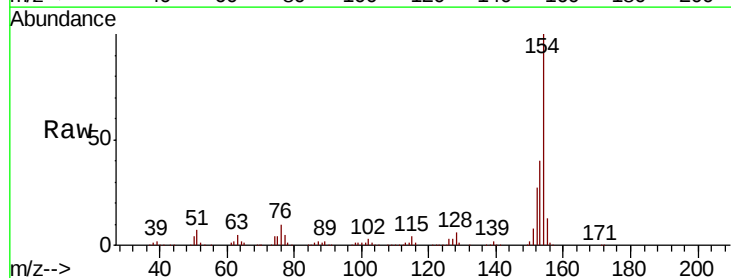
Instrument :
BNA_G
ClientSampleId :

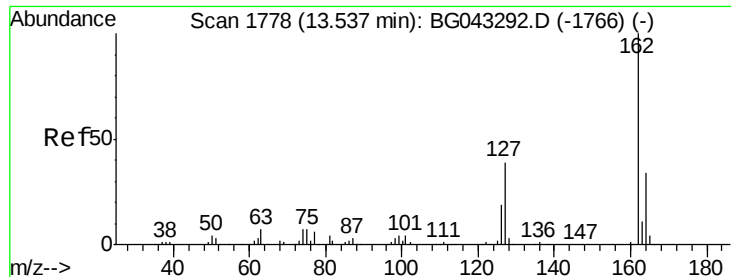
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.6	18.8	28.2



#46
1,1'-Biphenyl
Concen: 44.708 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.0	61.0
76	10.1	0.0	29.8





#47

2-Chloronaphthalene

Concen: 45.413 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

ClientSampleId :

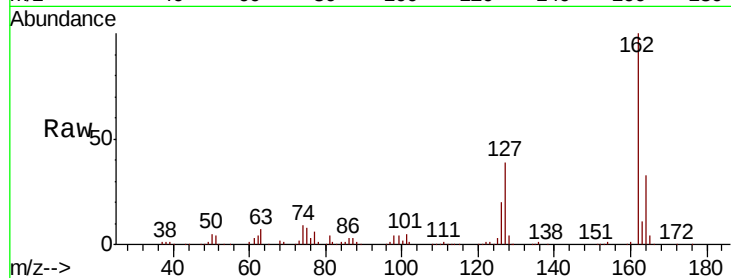
Tot Ion:162 Resp: 310653

Ion Ratio Lower Upper

162 100

127 38.9 31.3 46.9

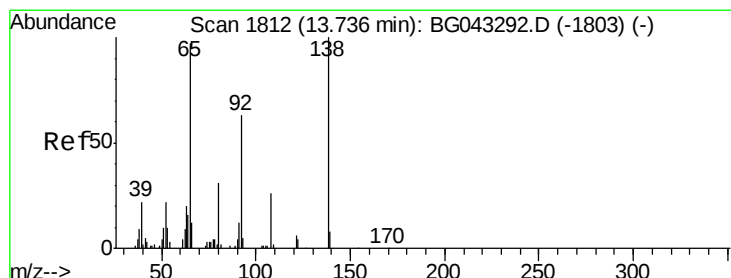
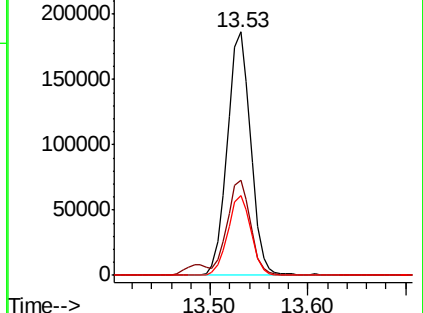
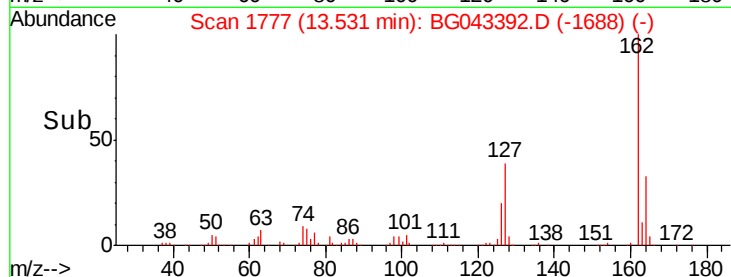
164 32.9 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 46.125 ng

RT: 13.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

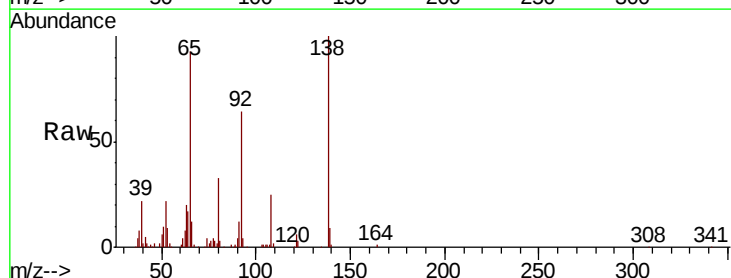
Tgt Ion: 65 Resp: 94304

Ion Ratio Lower Upper

65 100

92 69.1 52.6 79.0

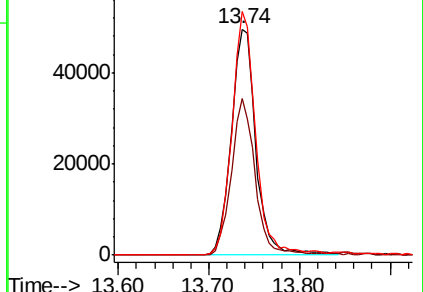
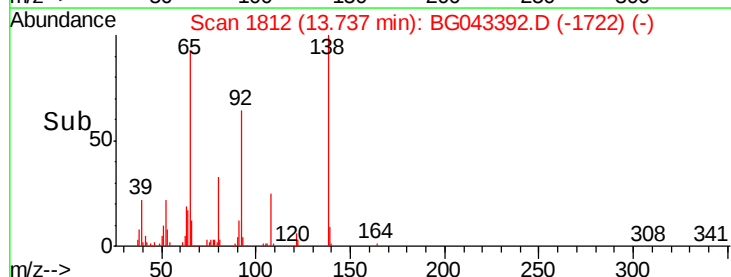
138 107.7 82.9 124.3

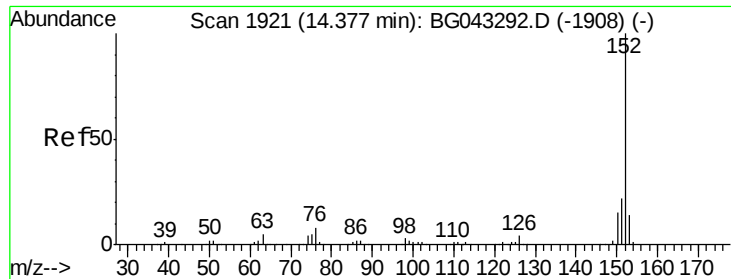


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.275 ng

RT: 14.38 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

ClientSampleId :

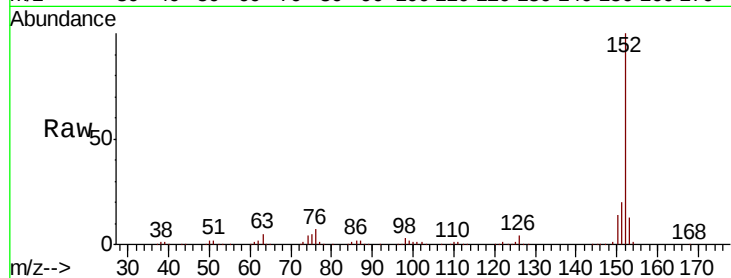
Tot Ion:152 Resp: 503305

Ion Ratio Lower Upper

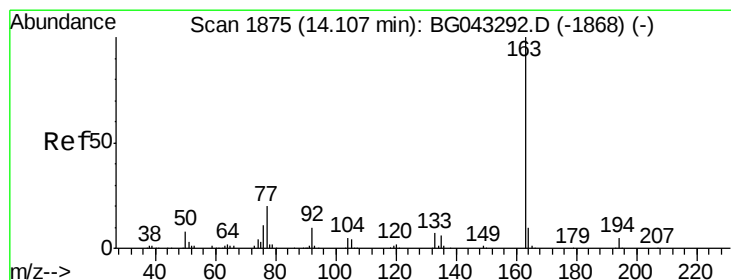
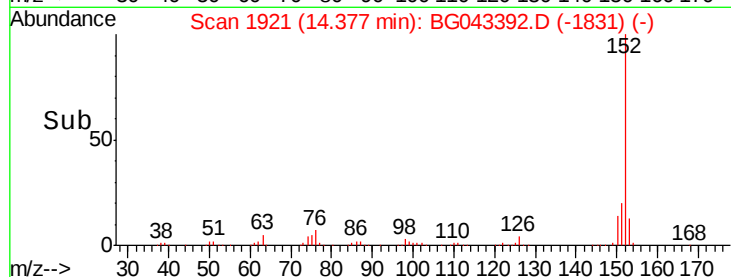
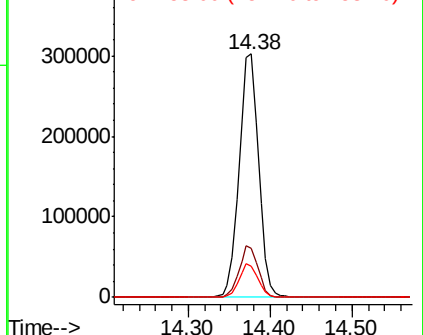
152 100

151 20.3 17.2 25.8

153 13.0 11.0 16.6



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: 45.096 ng

RT: 14.11 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

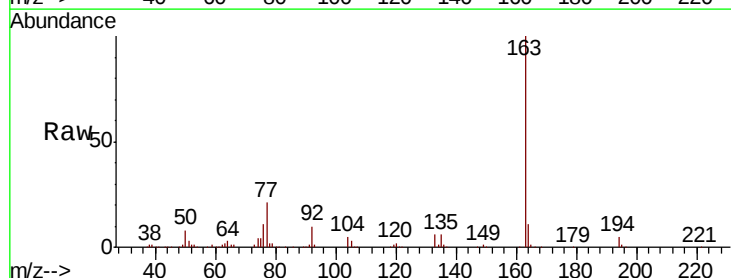
Tgt Ion:163 Resp: 412801

Ion Ratio Lower Upper

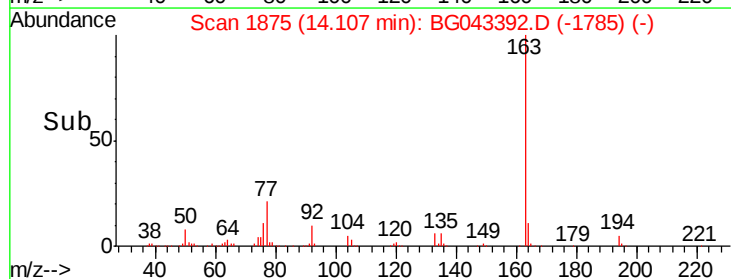
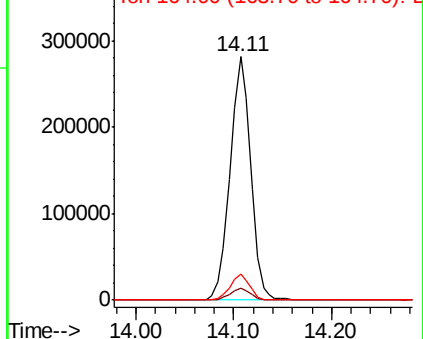
163 100

194 4.7 3.7 5.5

164 10.9 8.1 12.1



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

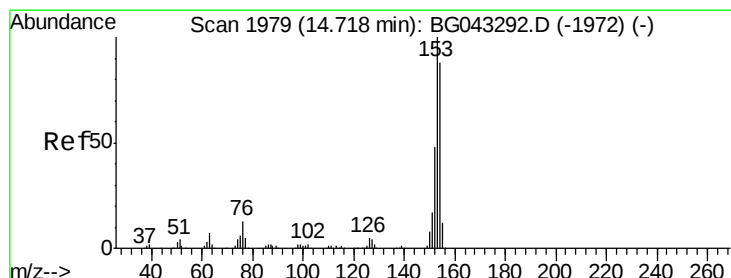
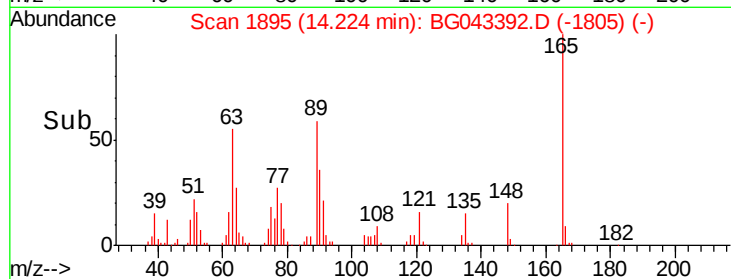
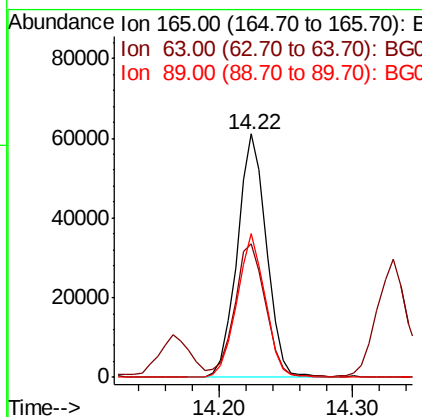
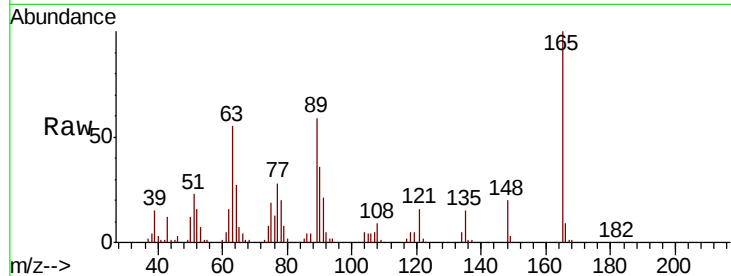




#51
 2,6-Dinitrotoluene
 Concen: 46.384 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

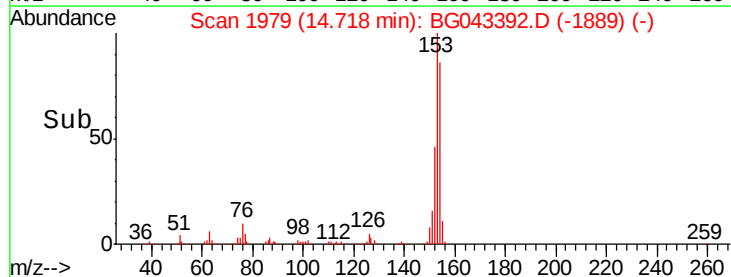
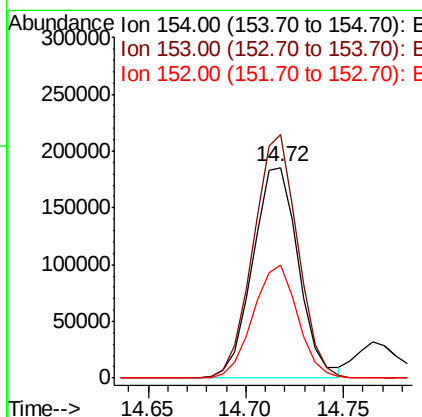
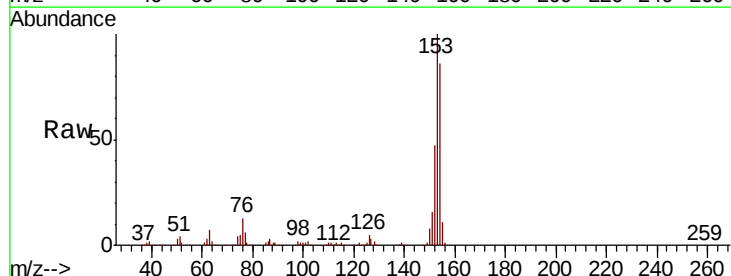
Instrument :
 BNA_G
 ClientSampleId :

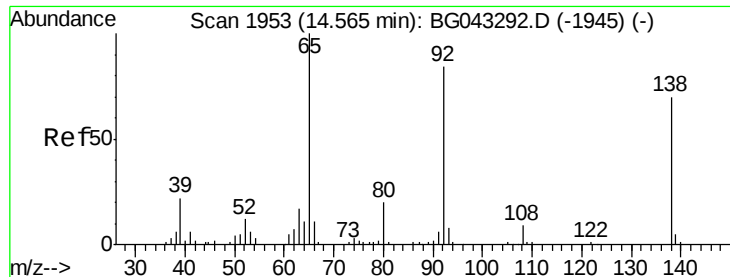
Tot Ion:165 Resp: 92241
 Ion Ratio Lower Upper
 165 100
 63 54.9 47.1 70.7
 89 59.3 43.7 65.5



#52
 Acenaphthene
 Concen: 46.383 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Tgt Ion:154 Resp: 301142
 Ion Ratio Lower Upper
 154 100
 153 115.6 90.9 136.3
 152 53.9 43.9 65.9





#53

3-Nitroaniline

Concen: 14.967 ng

RT: 14.57 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

ClientSampleId :

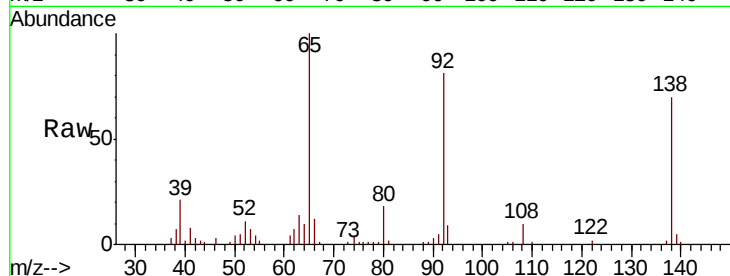
Tot Ion:138 Resp: 28737

Ion Ratio Lower Upper

138 100

108 14.2 9.8 14.6

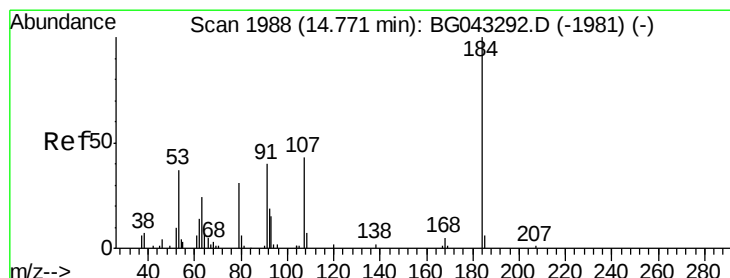
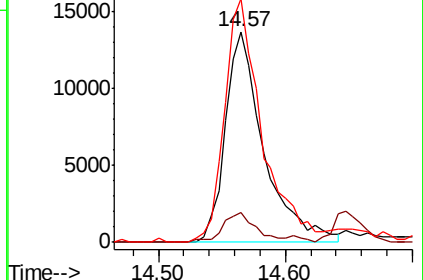
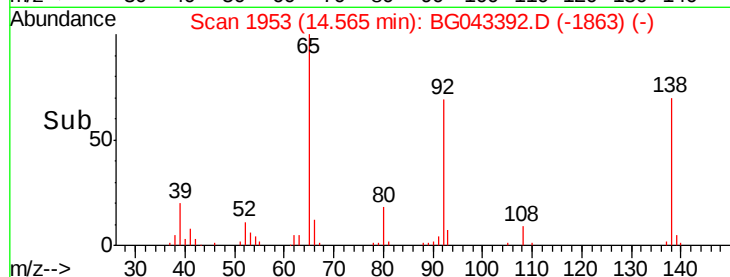
92 115.7 95.8 143.6



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: 71.242 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

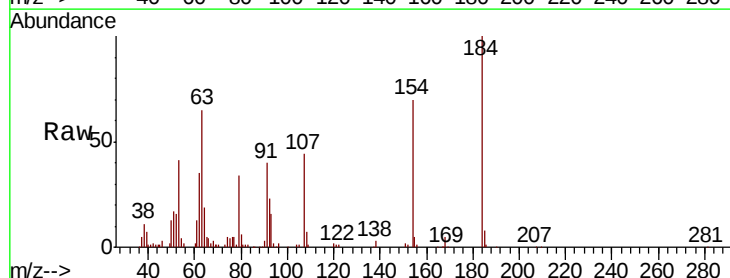
Tgt Ion:184 Resp: 87380

Ion Ratio Lower Upper

184 100

63 65.0 48.8 73.2

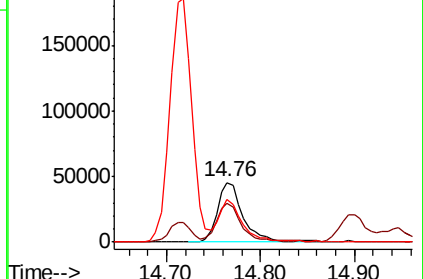
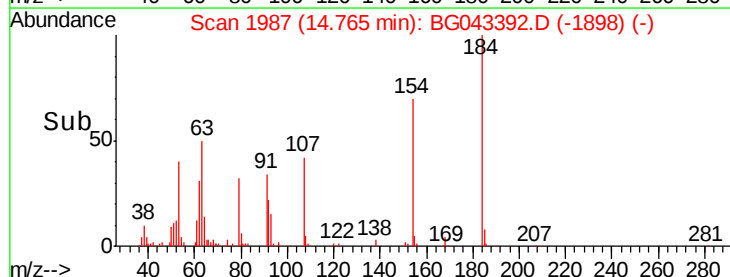
154 70.2 49.4 74.0

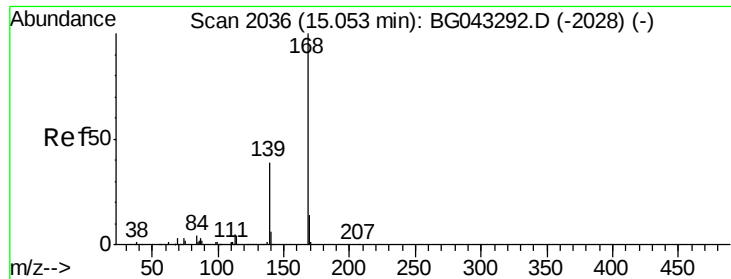


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

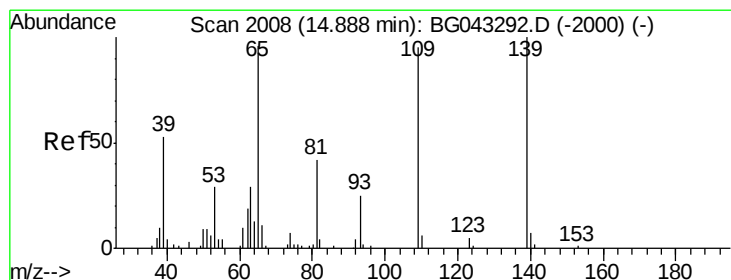
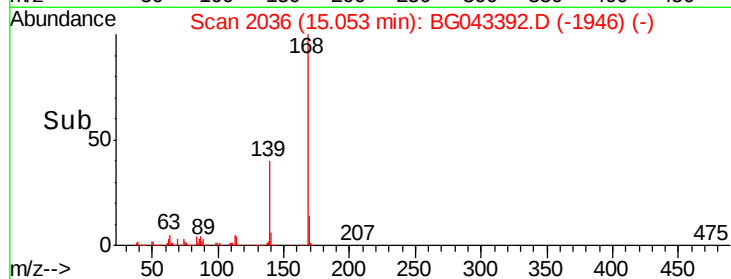
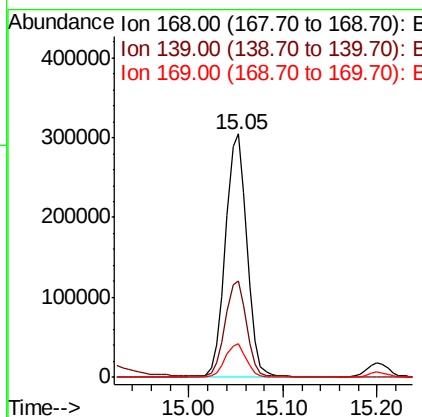
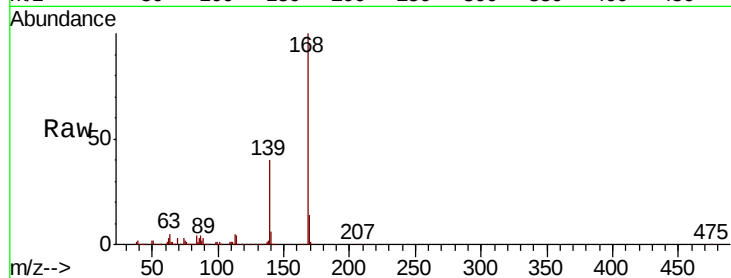




#55
Dibenzenofuran
Concen: 46.129 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

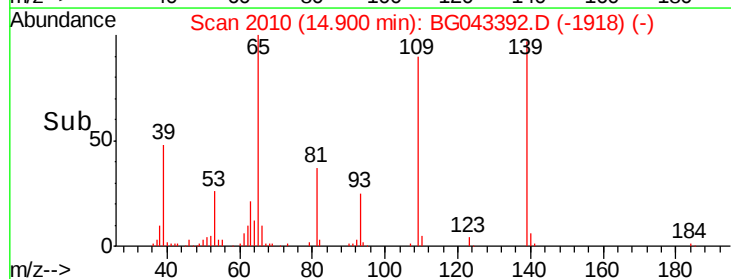
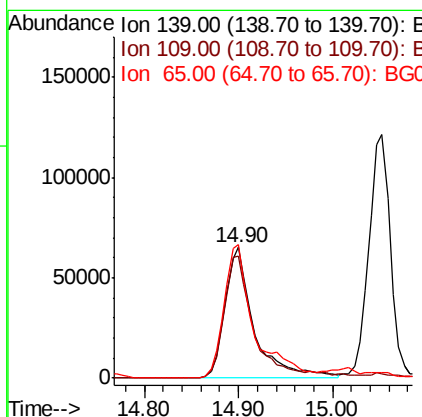
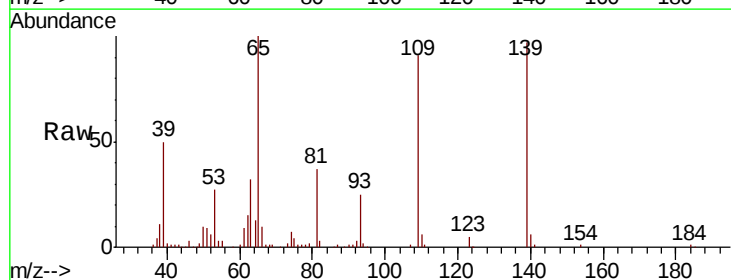
Instrument :
BNA_G
ClientSampleId :

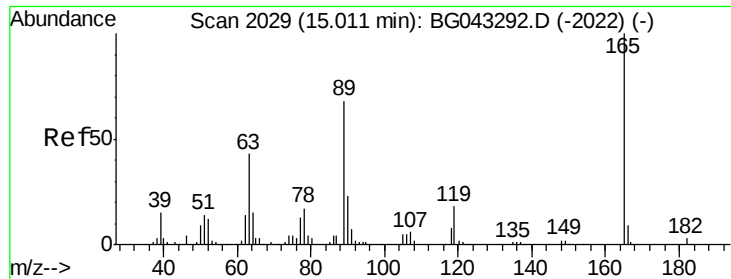
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.7	47.5
169	13.7	11.0	16.4



#56
4-Nitrophenol
Concen: 109.231 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	93.7	75.4	115.4
65	102.8	76.6	116.6

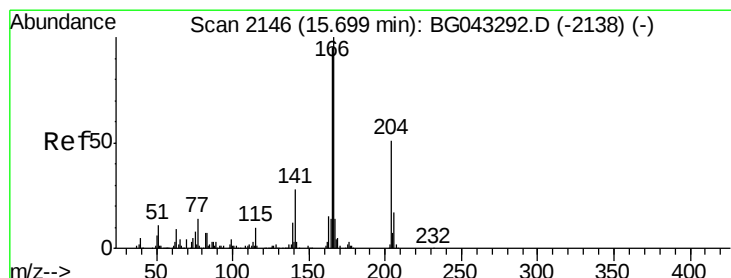
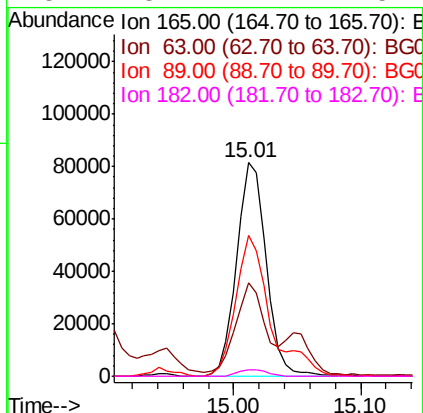
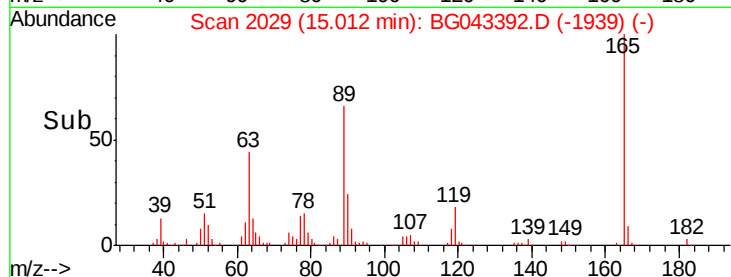
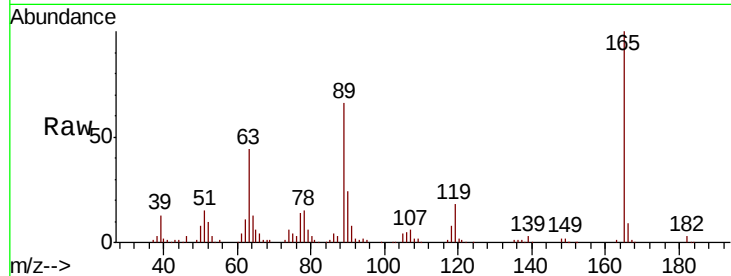




#57
2,4-Dinitrotoluene
Concen: 46.063 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

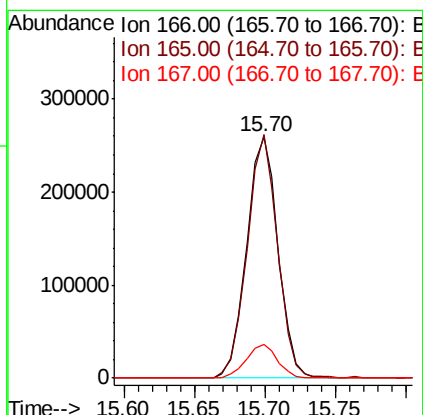
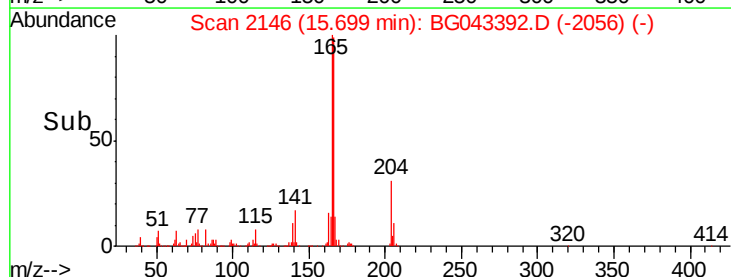
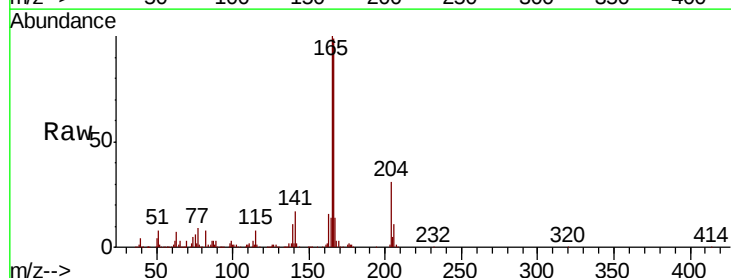
Instrument :
BNA_G
ClientSampleId :

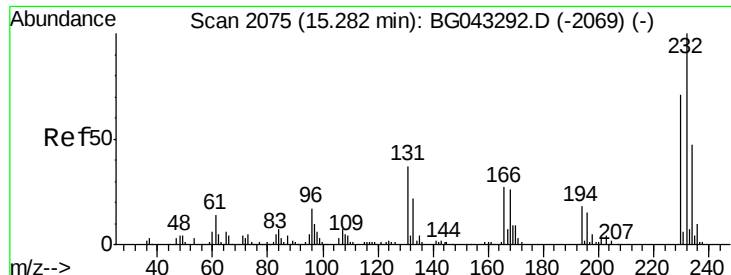
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.8	35.0	52.6
89	65.7	54.1	81.1
182	3.1	2.2	3.2



#58
Fluorene
Concen: 45.846 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.0	76.4	114.6
167	13.8	11.1	16.7

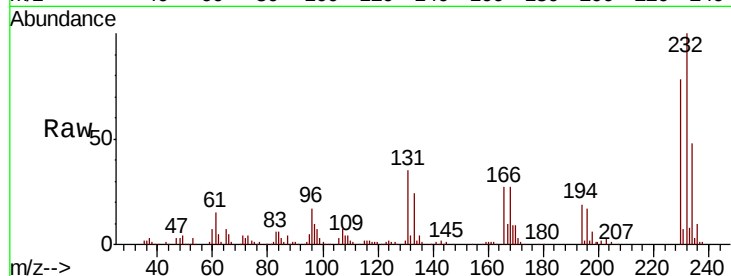




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.226 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.0	28.7	43.1
130	2.2	0.6	0.8
166	27.5	21.1	31.7



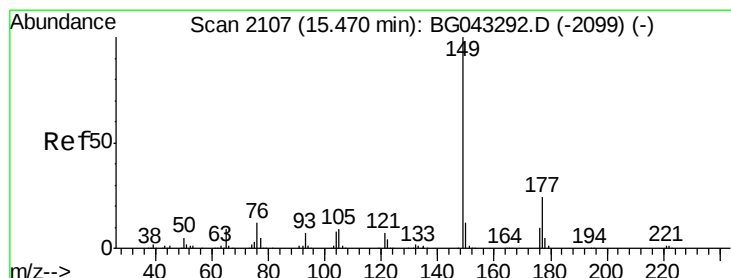
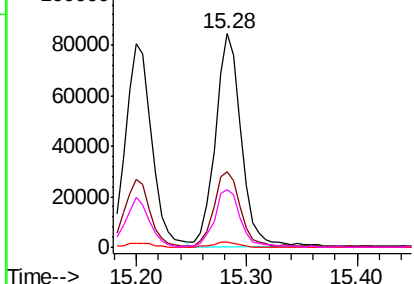
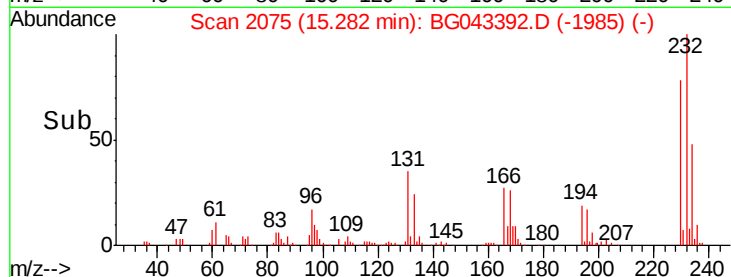
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

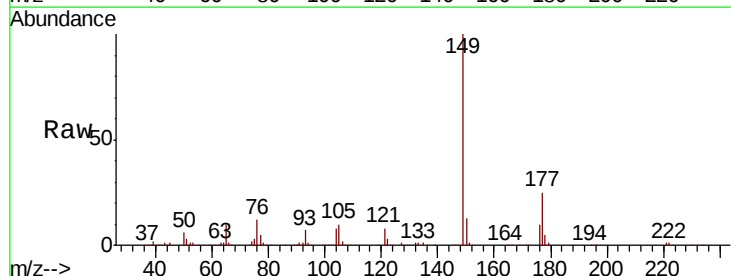
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.691 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.0	28.4
150	13.0	9.4	14.0

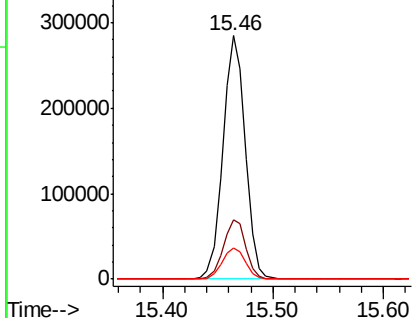
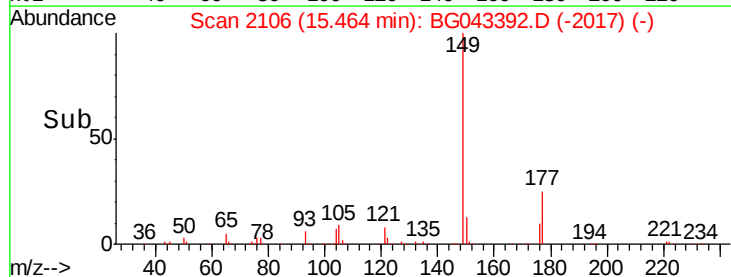


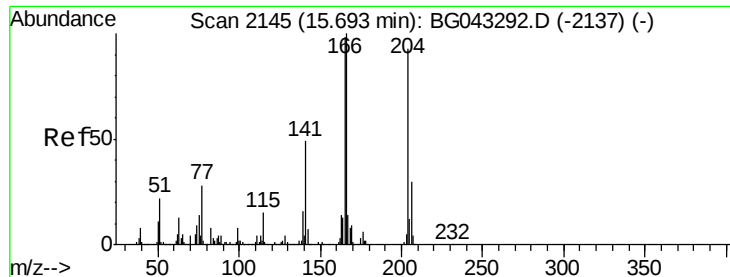
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

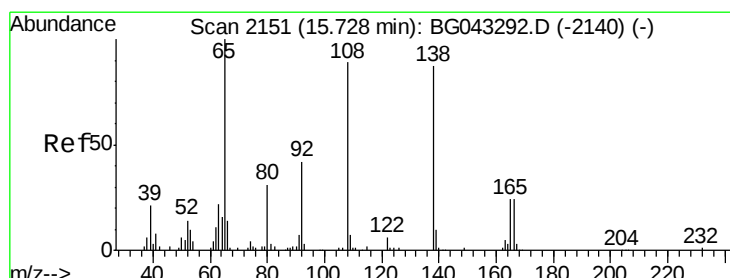
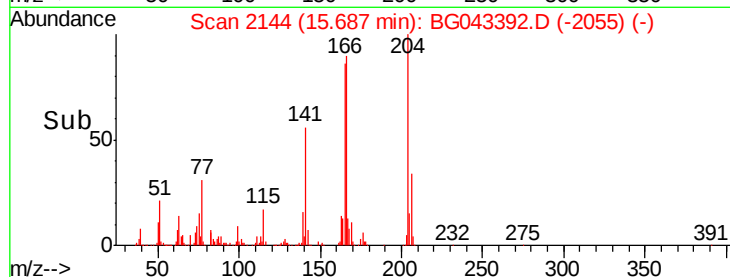
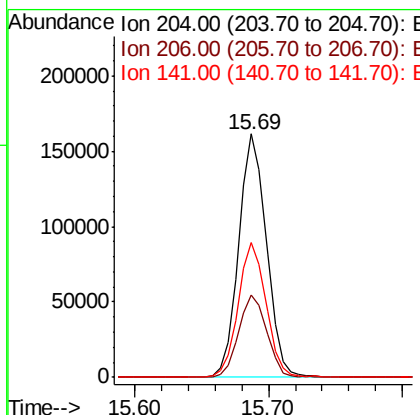
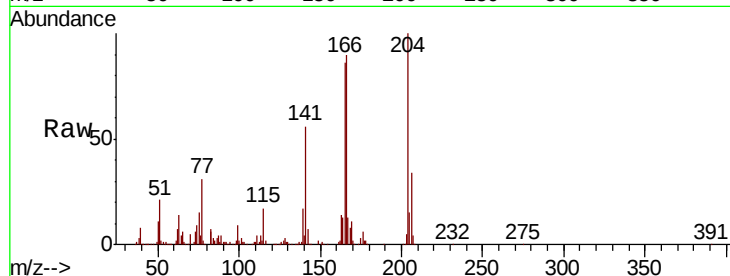




#61
 4-Chlorophenyl-phenylether
 Concen: 45.125 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

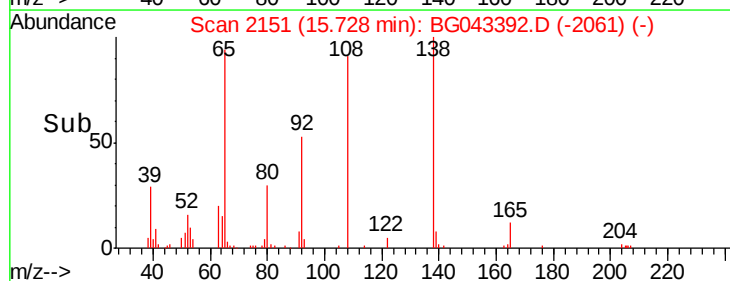
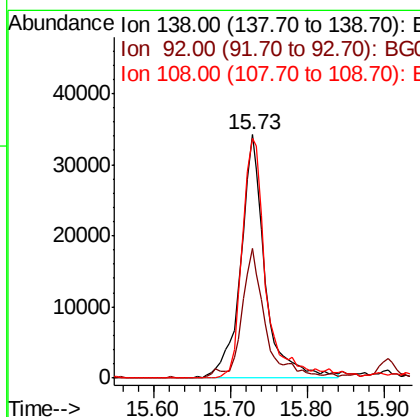
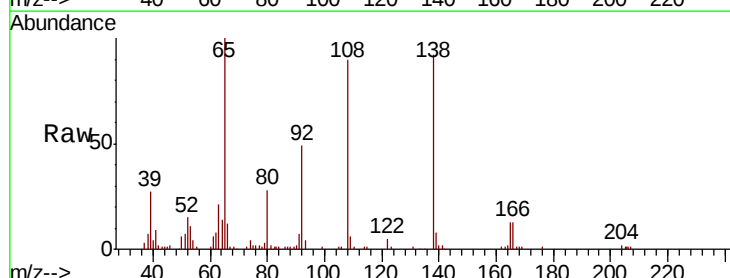
Instrument :
 BNA_G
 ClientSampleId :

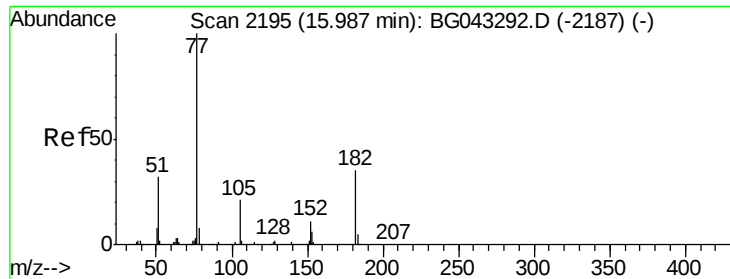
Tot Ion:204 Resp: 232463
 Ion Ratio Lower Upper
 204 100
 206 33.7 25.7 38.5
 141 55.6 42.3 63.5



#62
 4-Nitroaniline
 Concen: 37.982 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. 0.00 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Tgt Ion:138 Resp: 75313
 Ion Ratio Lower Upper
 138 100
 92 53.3 28.8 68.8
 108 98.4 82.7 122.7





#63

Azobenzene

Concen: 45.869 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 341444

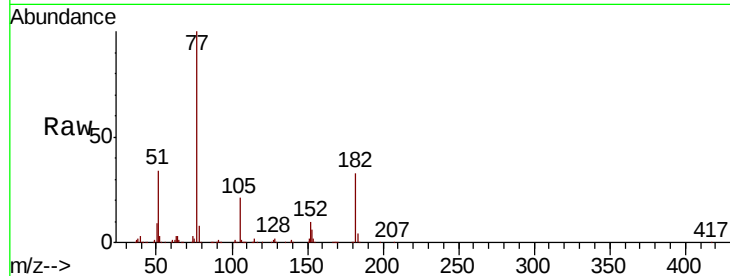
Ion Ratio Lower Upper

77 100

182 32.7 14.9 54.9

105 20.8 0.6 40.6

51 34.4 12.5 52.5

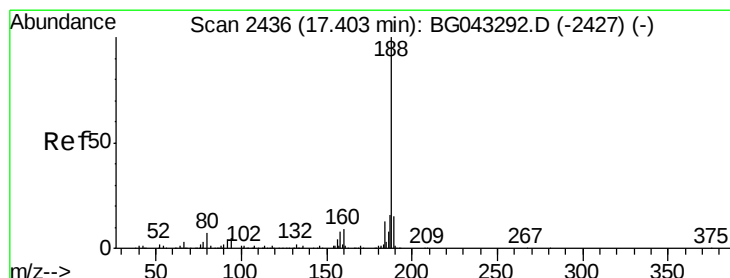
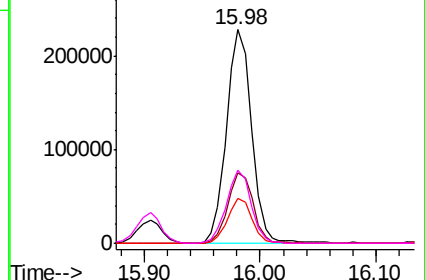
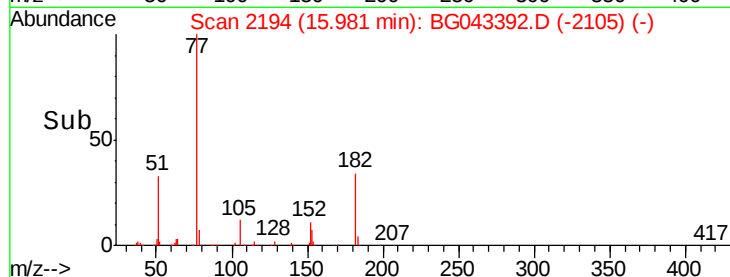


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

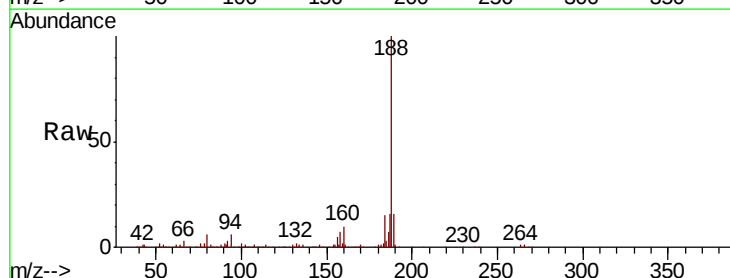
Tgt Ion: 188 Resp: 271714

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.2

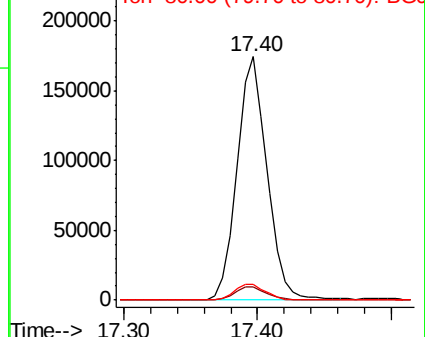
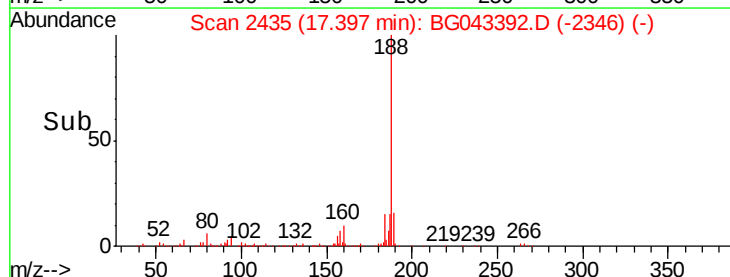
80 6.5 5.2 7.8

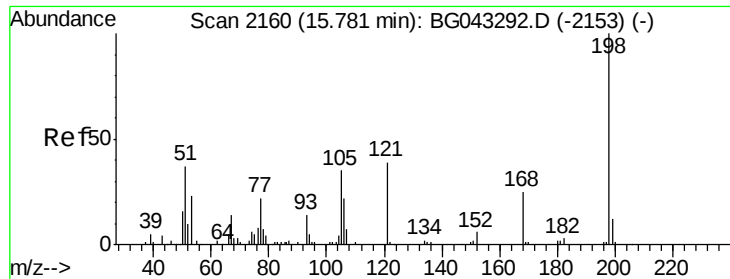


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

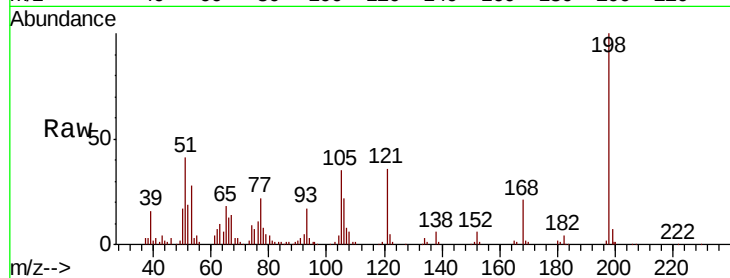




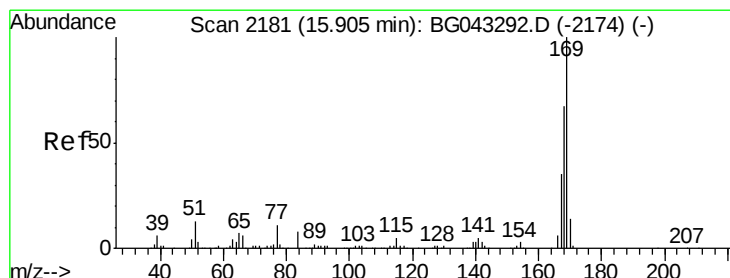
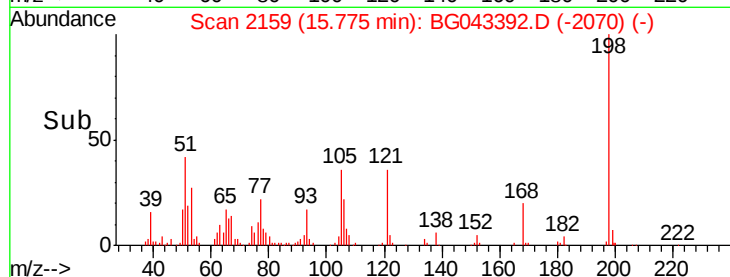
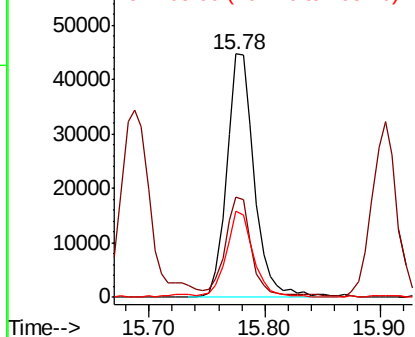
#65
4,6-Dinitro-2-methylphenol
Concen: 46.044 ng
RT: 15.78 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.3	21.4	61.4
105	35.5	16.5	56.5

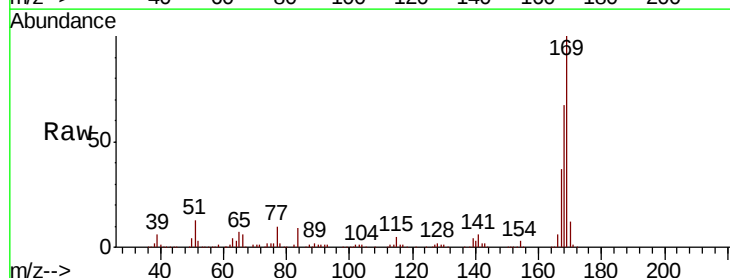


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

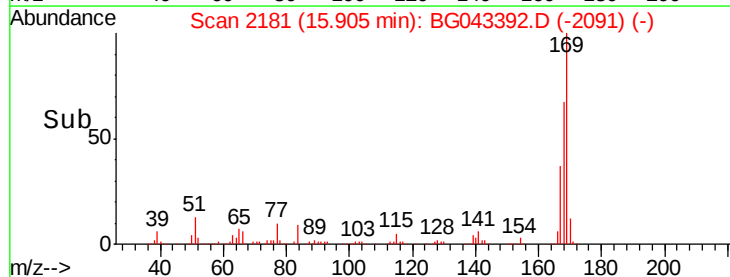
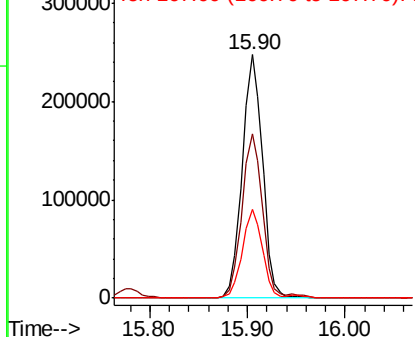


#66
n-Nitrosodiphenylamine
Concen: 46.793 ng
RT: 15.90 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.9	80.9
167	36.7	28.3	42.5



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

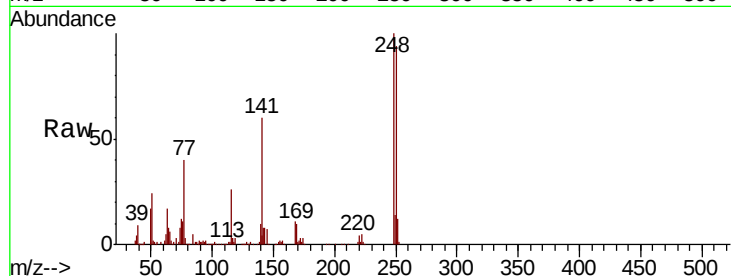




#67
4-Bromophenyl-phenylether
Concen: 45.569 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.7	79.3	118.9
141	60.4	47.9	71.9

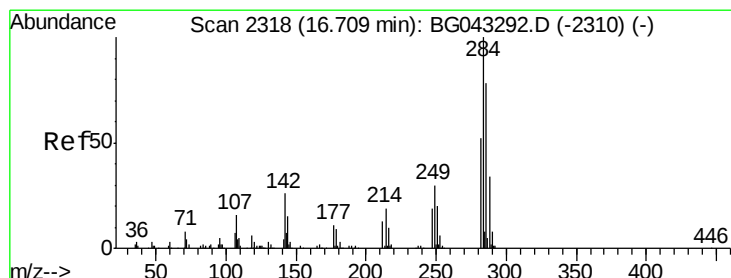
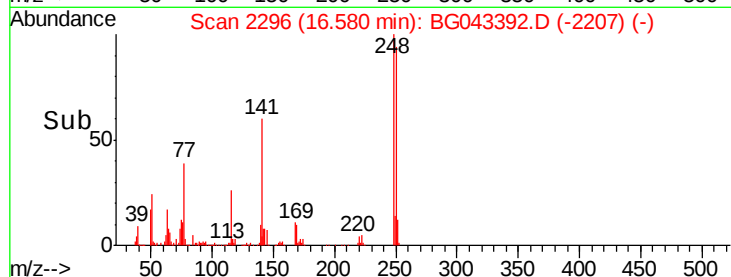
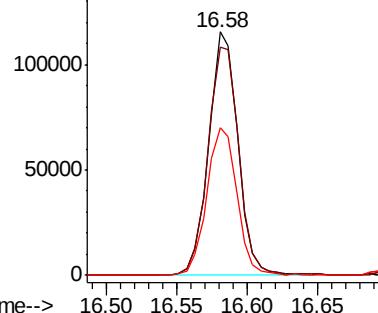


Abundance

Ion 248.00 (247.70 to 248.70): E

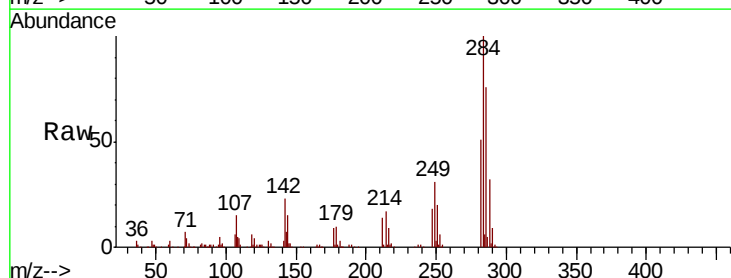
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.879 ng
RT: 16.71 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.4	21.1	31.7
249	30.7	24.4	36.6

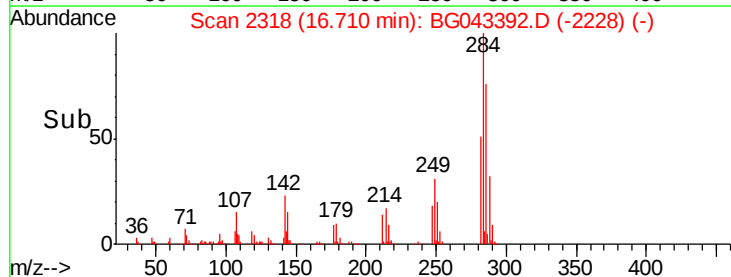
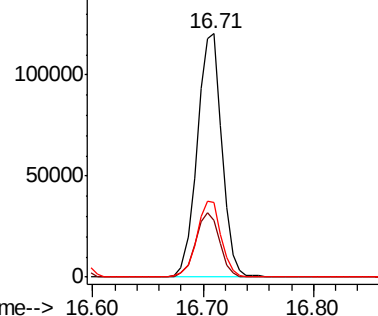


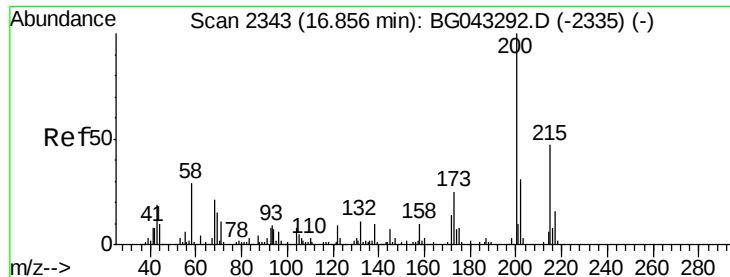
Abundance

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: 51.984 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

ClientSampleId :

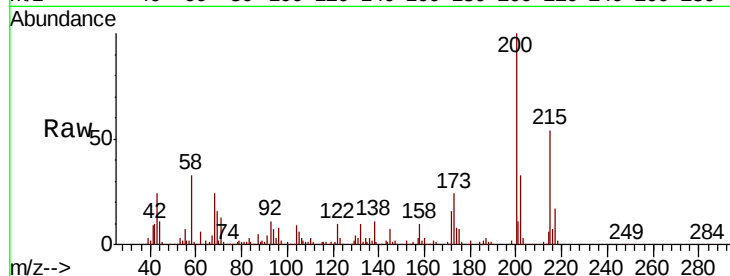
Tot Ion:200 Resp: 138568

Ion Ratio Lower Upper

200 100

173 24.4 5.1 45.1

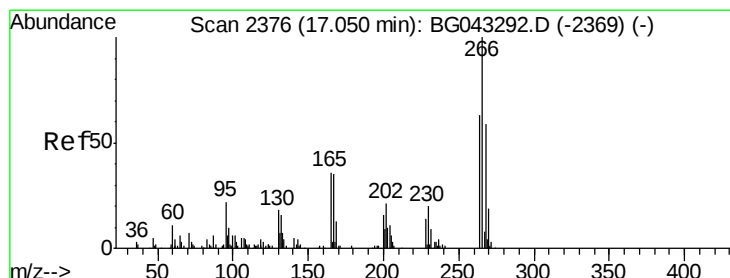
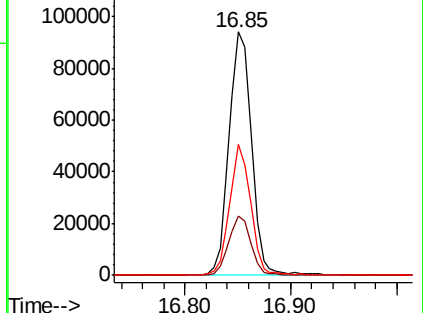
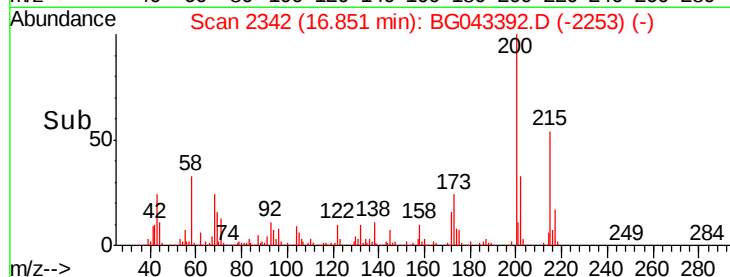
215 54.1 26.6 66.6



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: 113.042 ng

RT: 17.06 min Scan# 2377

Delta R.T. 0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

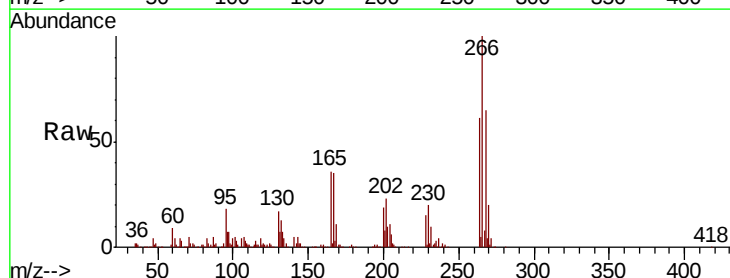
Tgt Ion:266 Resp: 216203

Ion Ratio Lower Upper

266 100

268 64.9 47.1 70.7

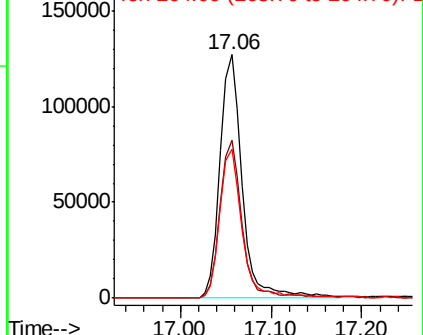
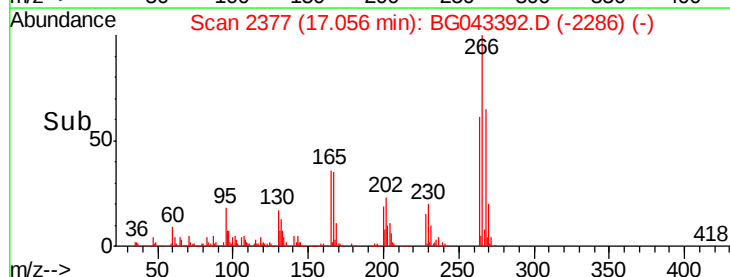
264 61.2 50.4 75.6

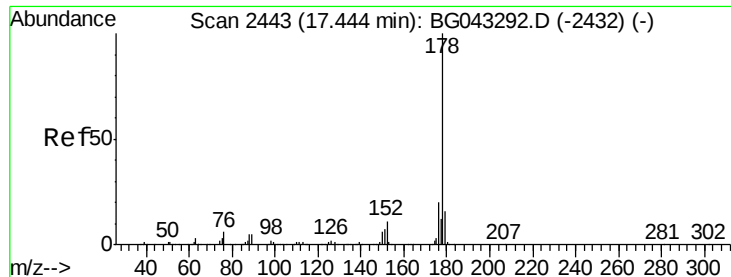


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

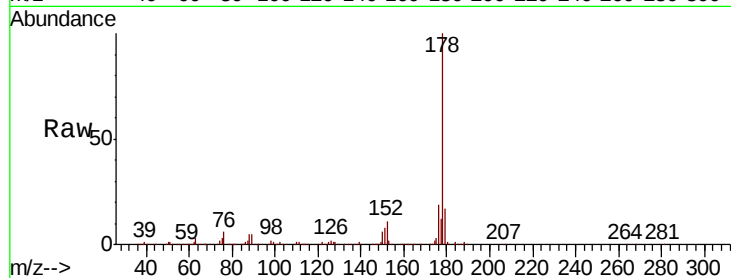




#71
Phenanthrene
Concen: 46.605 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	16.6	13.1	19.7

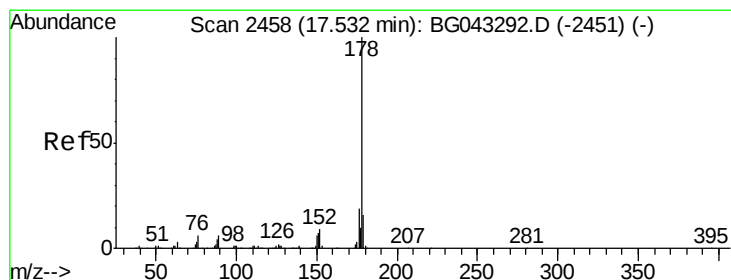
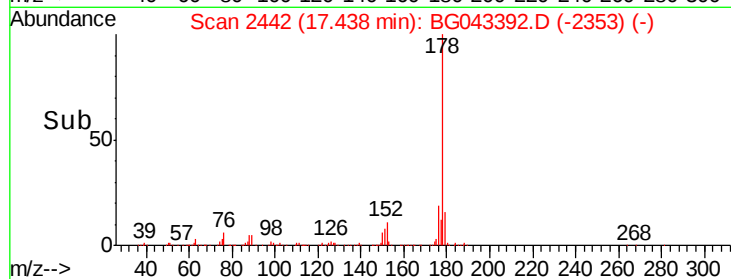
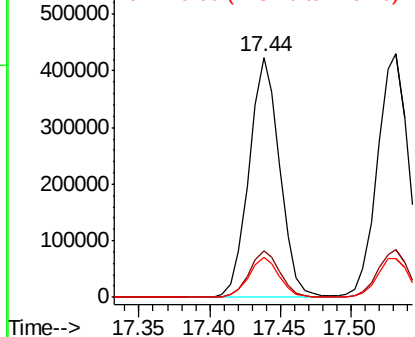


Abundance

Ion 178.00 (177.70 to 178.70): E

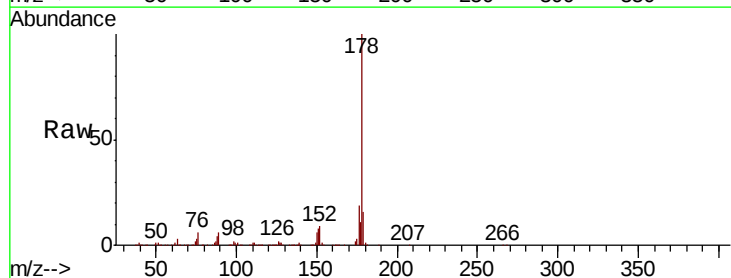
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 47.891 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	16.1	13.0	19.6

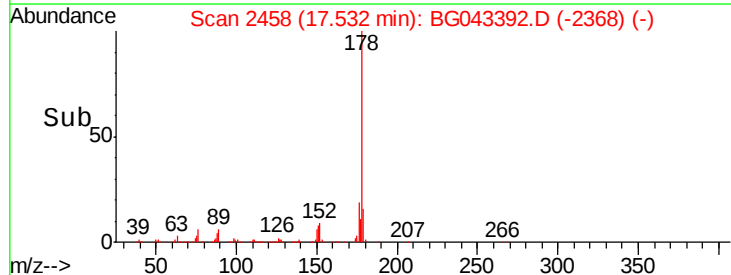
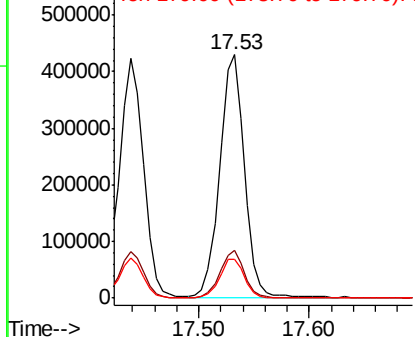


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

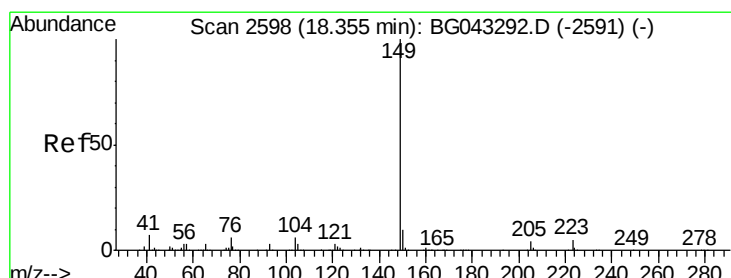
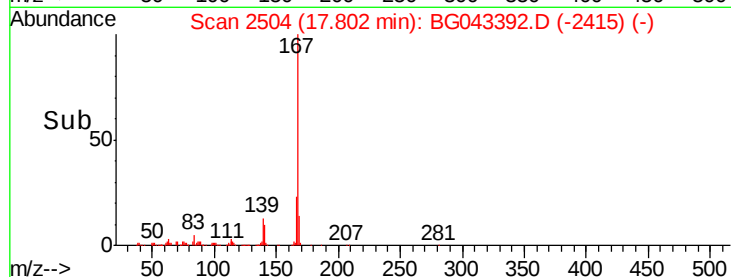
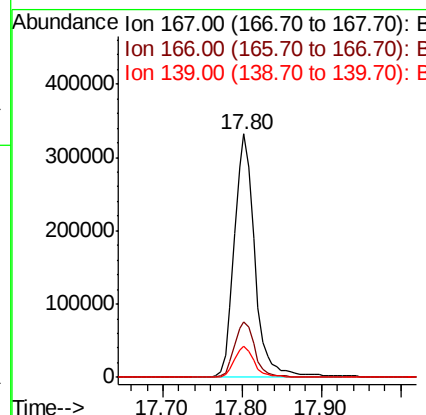
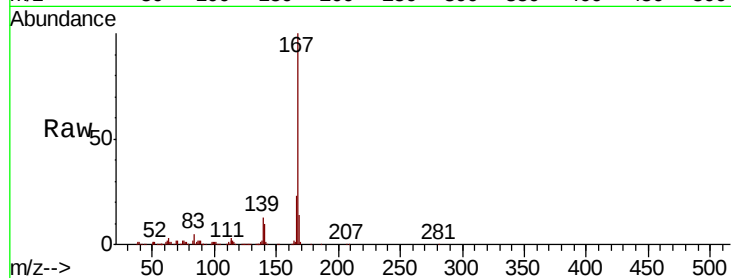




#73
 Carbazole
 Concen: 47.299 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

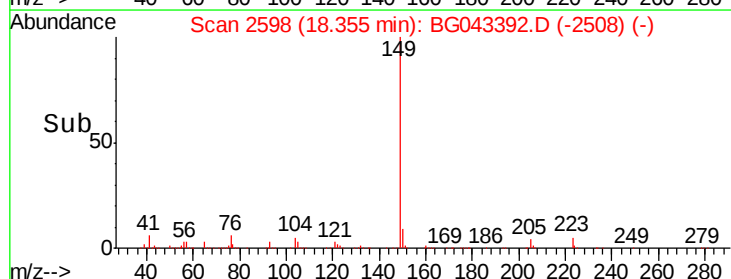
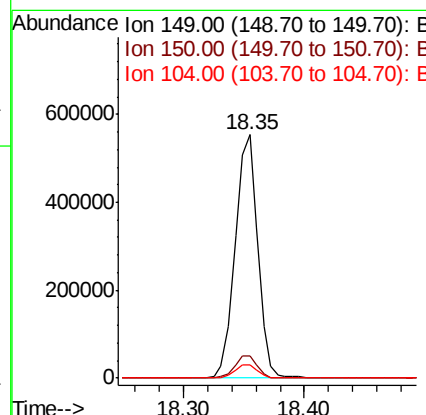
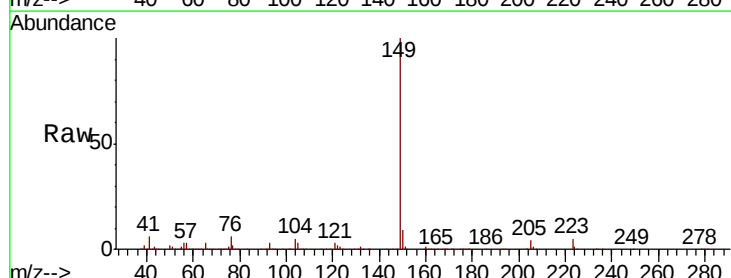
Instrument :
 BNA_G
 ClientSampleId :

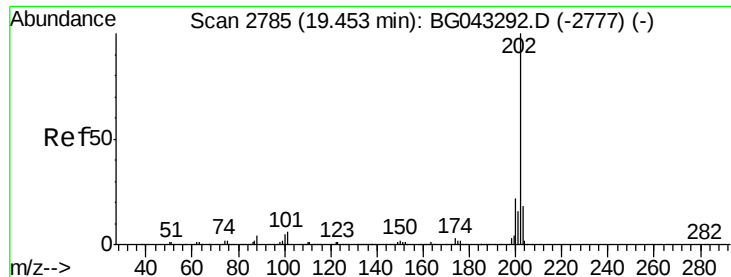
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.4	27.6
139	12.7	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 47.209 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.0	12.0
104	5.4	4.7	7.1





#75

Fluoranthene

Concen: 47.527 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043392.D

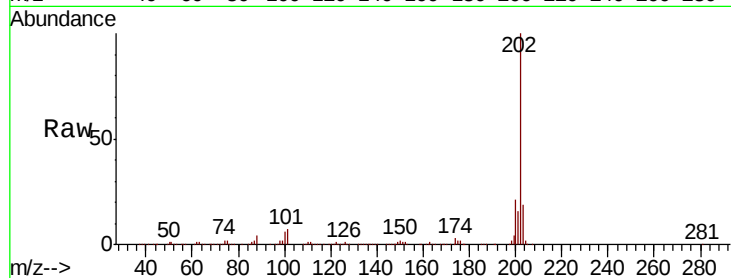
Acq: 30 Oct 2019 3:57

Instrument :

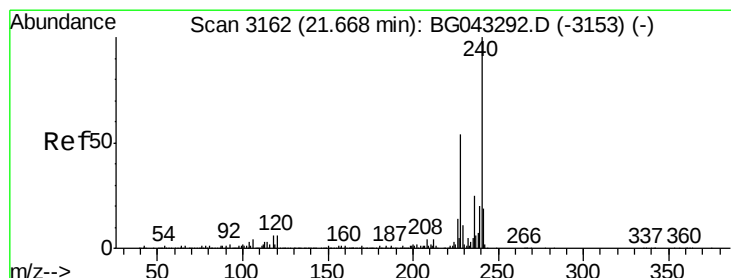
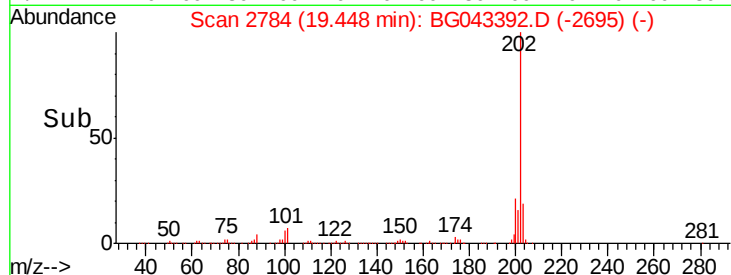
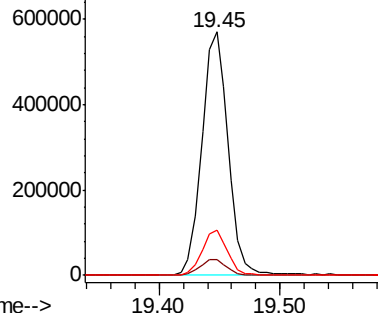
BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	862116
Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	26.0
203	18.6	0.0	38.2



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

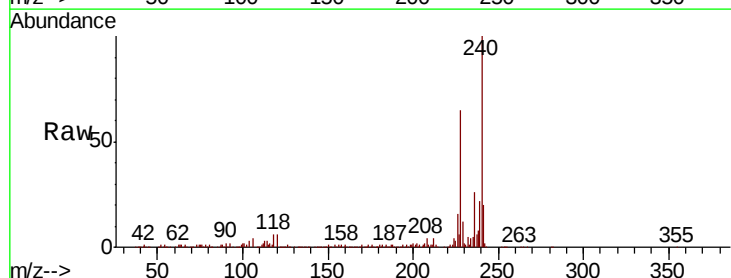
RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

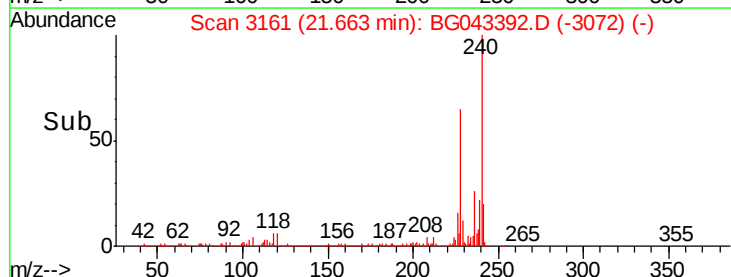
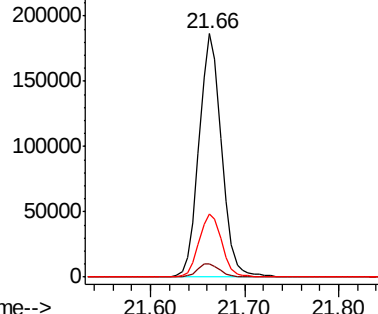
Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Tgt Ion:	240	Resp:	310433
Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.6	7.0
236	25.9	20.2	30.4



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

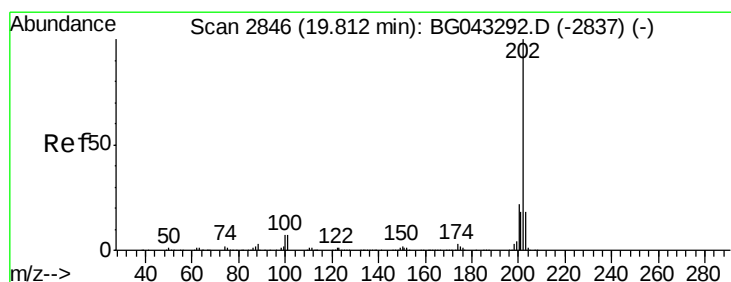
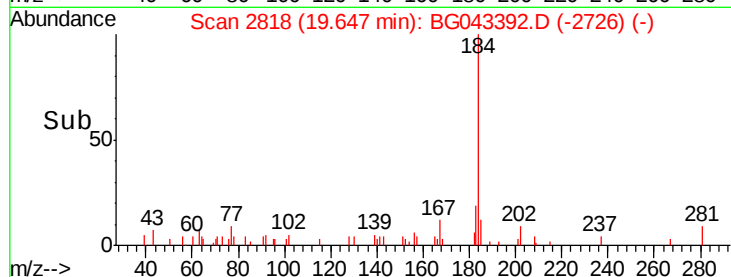
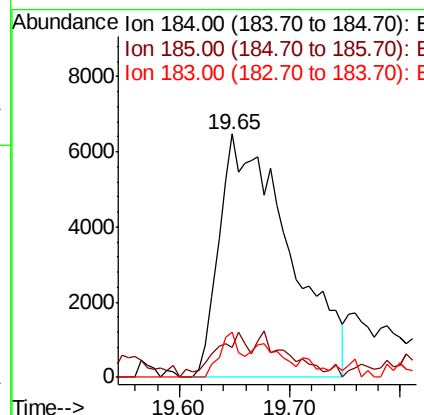
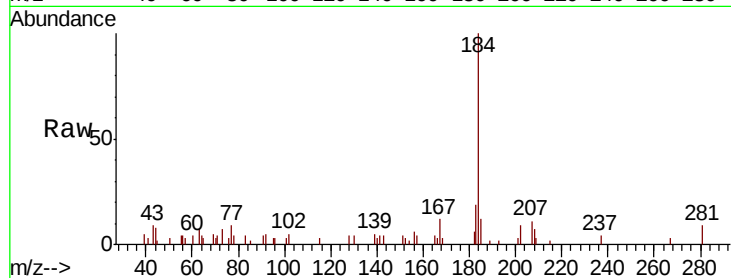




#77
Benzidine
Concen: 4.536 ng
RT: 19.65 min Scan# 2818
Delta R.T. 0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

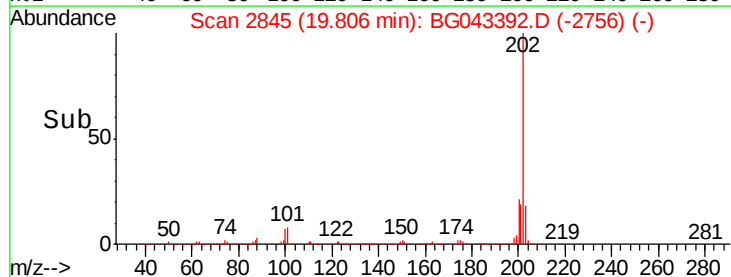
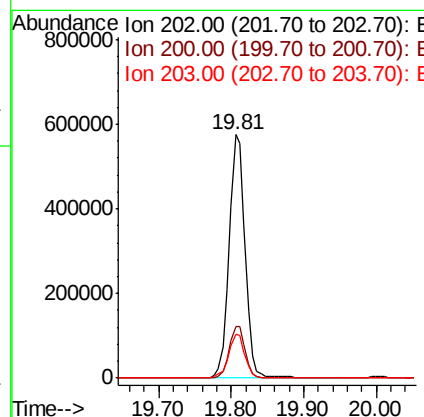
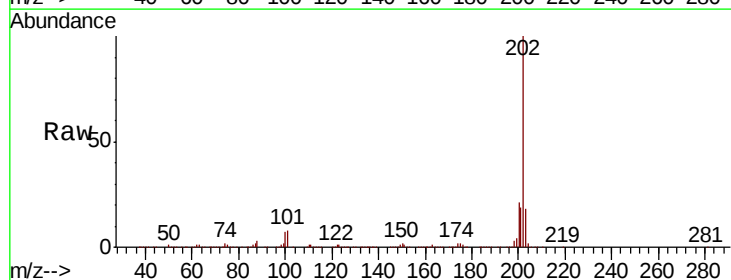
Instrument :
BNA_G
ClientSampleId :

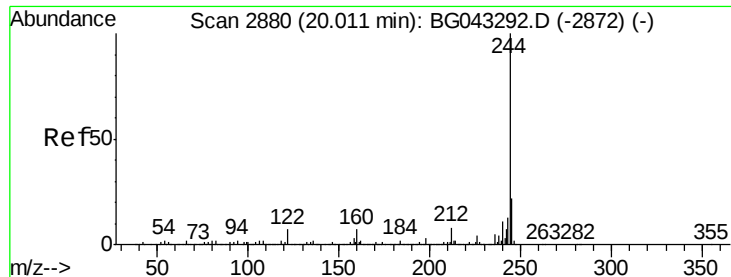
Tot Ion:184 Resp: 28338
Ion Ratio Lower Upper
184 100
185 12.3 11.8 17.6
183 18.5 10.6 16.0#



#78
Pyrene
Concen: 45.592 ng
RT: 19.81 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion:202 Resp: 876074
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 18.1 14.5 21.7





#79

Terphenyl-d14

Concen: 87.731 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Instrument :

BNA_G

ClientSampleId :

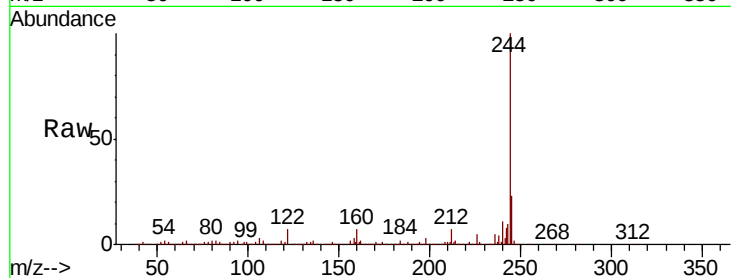
Tot Ion:244 Resp: 1451701

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

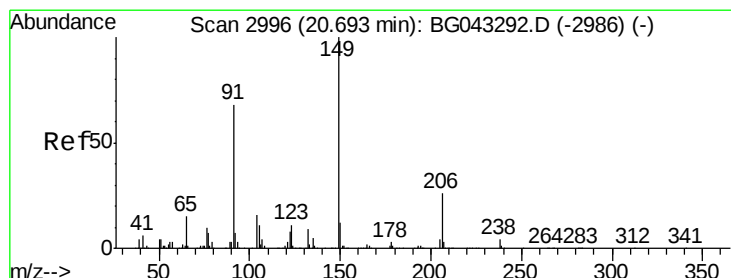
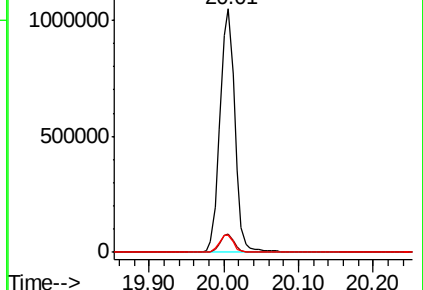
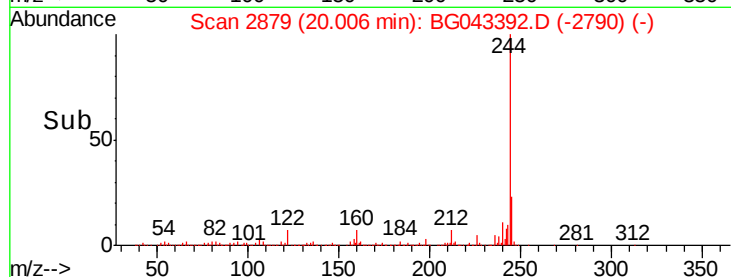
122 6.9 5.3 7.9



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: 46.477 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

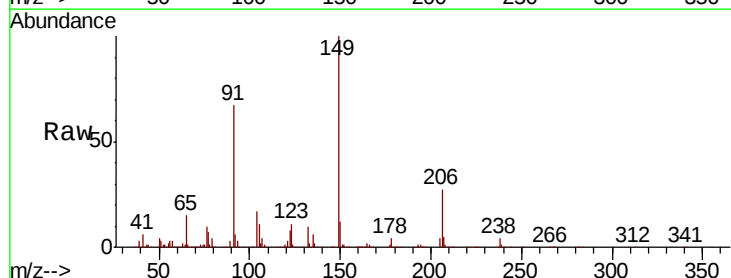
Tgt Ion:149 Resp: 338352

Ion Ratio Lower Upper

149 100

91 66.9 54.6 82.0

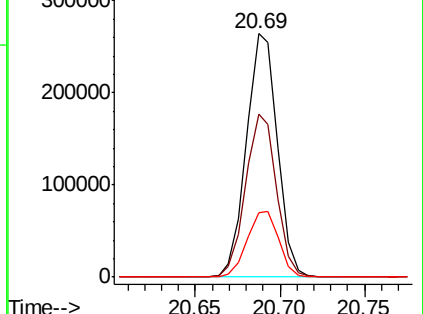
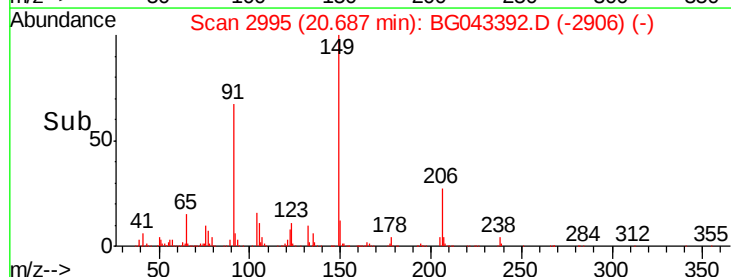
206 26.7 20.5 30.7

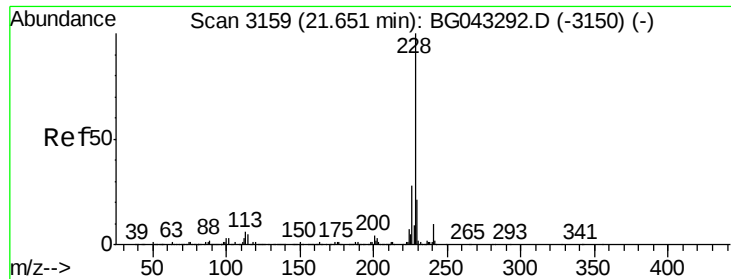


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.626 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

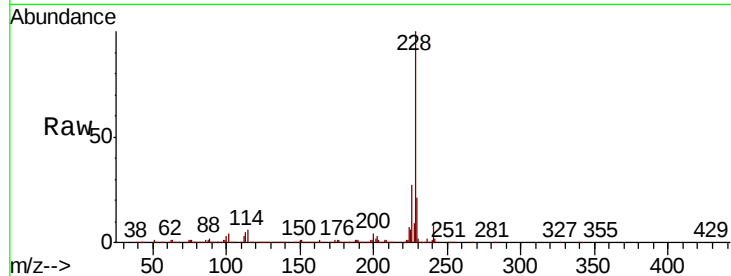
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 926099

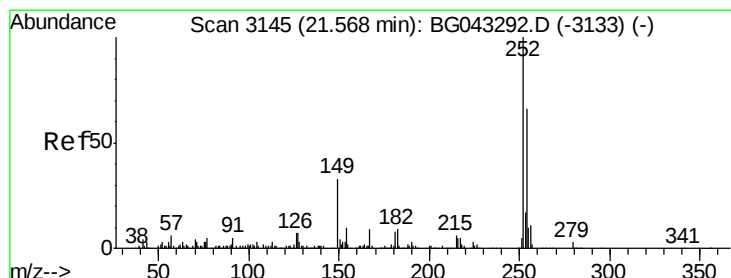
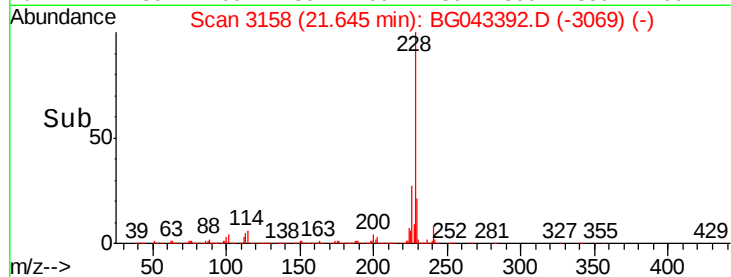
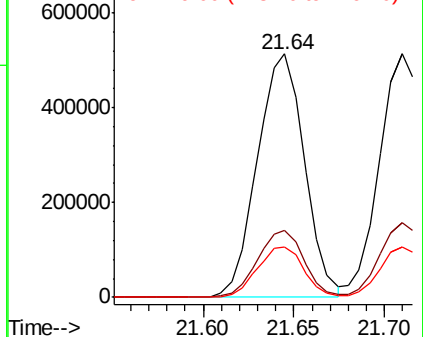
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.4
229	20.7	16.9	25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.254 ng

RT: 21.56 min Scan# 3144

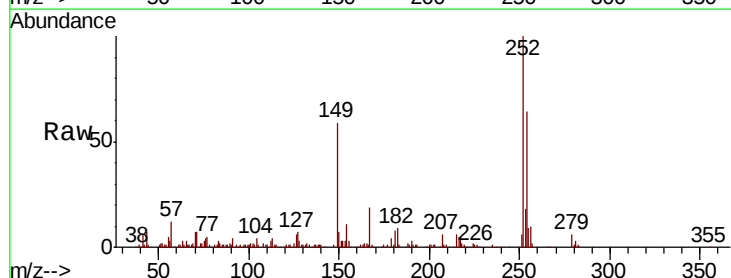
Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Tgt Ion:252 Resp: 144809

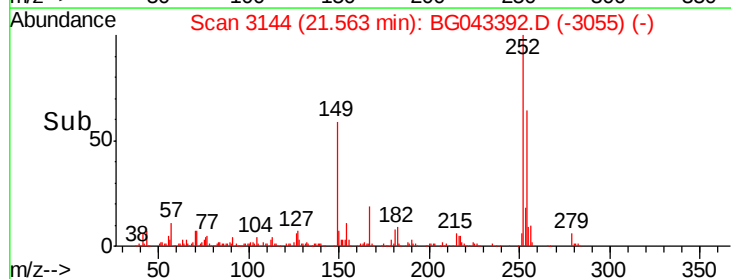
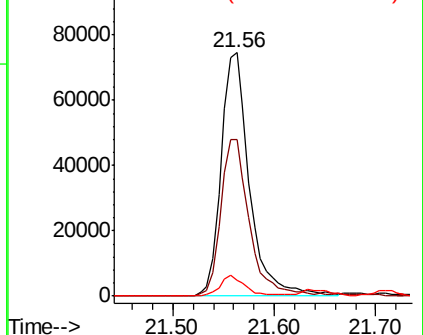
Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.7	79.1
126	6.2	5.6	8.4

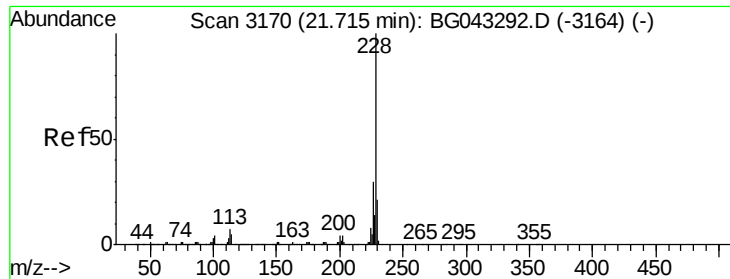


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

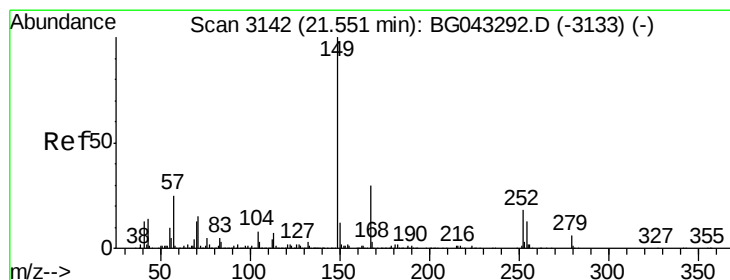
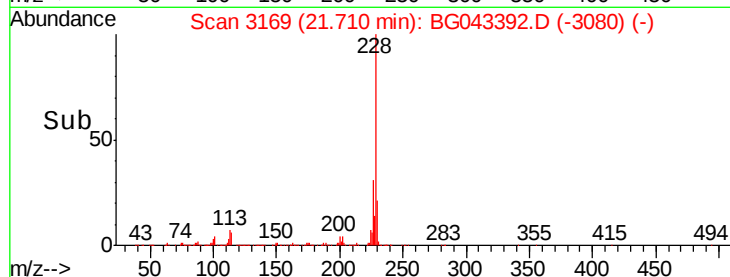
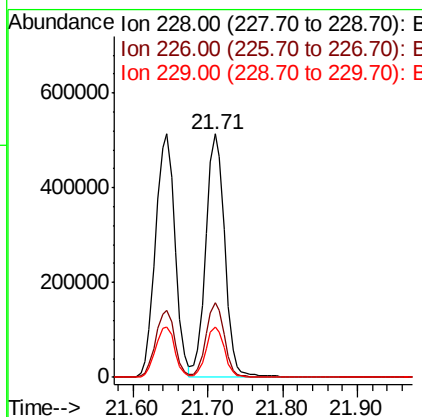
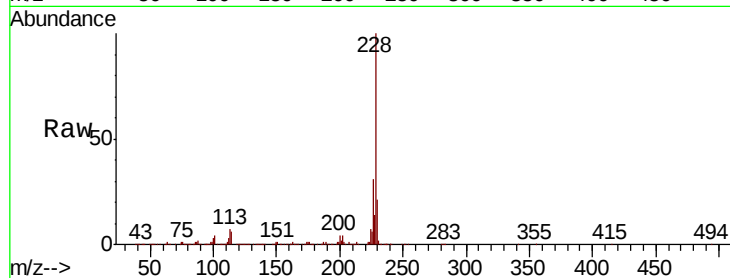




#83
 Chrysene
 Concen: 46.999 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.01 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

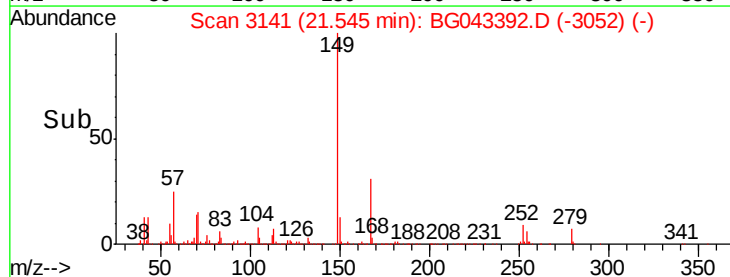
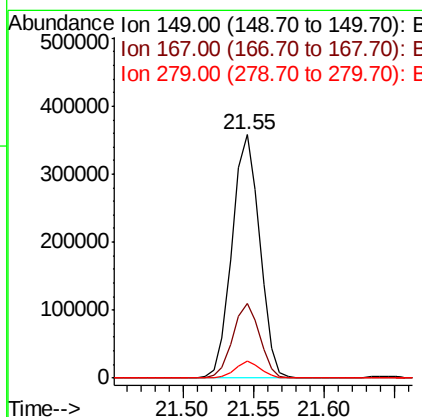
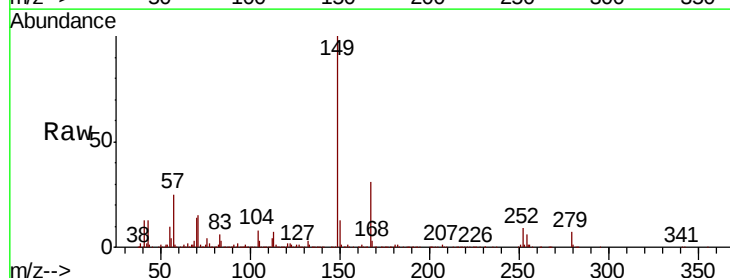
Instrument :
 BNA_G
 ClientSampleId :

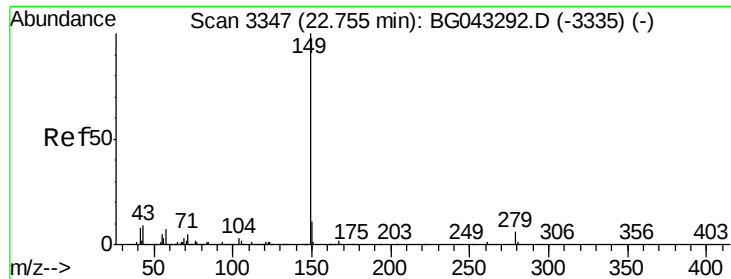
Tot Ion:	228	Resp:	908038
Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.8
229	20.7	16.3	24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.463 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG043392.D
 Acq: 30 Oct 2019 3:57

Tgt Ion:	149	Resp:	490831
Ion	Ratio	Lower	Upper
149	100		
167	30.9	23.9	35.9
279	7.1	4.8	7.2

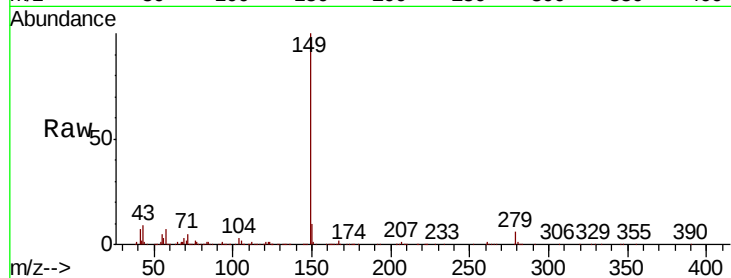




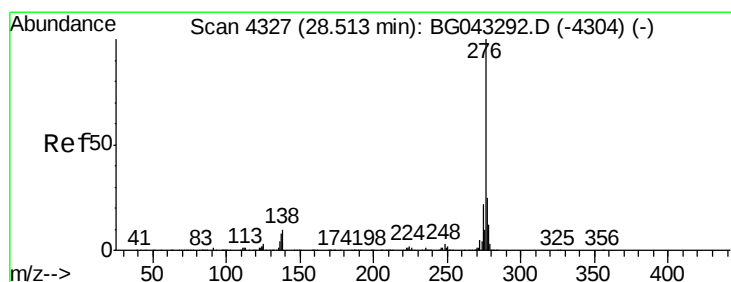
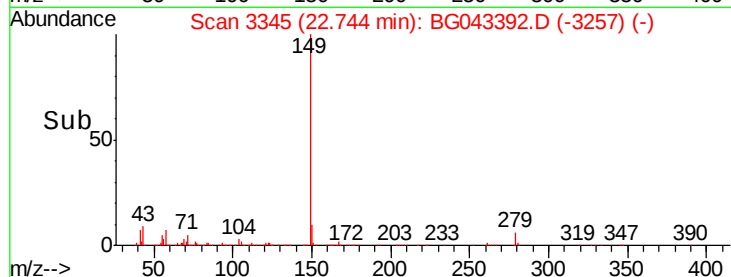
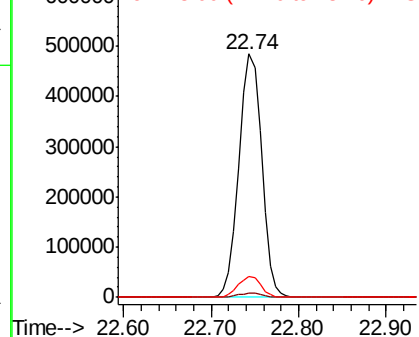
#85
Di-n-octyl phthalate
Concen: 48.535 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 851541
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 8.6 6.9 10.3

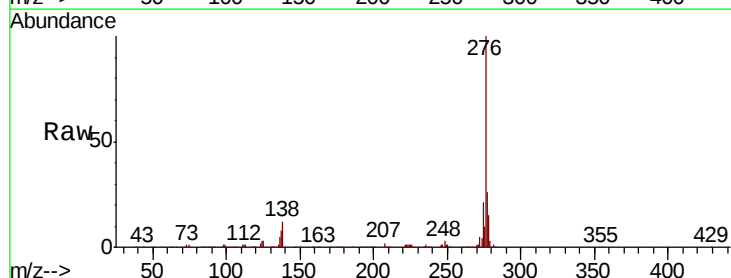


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

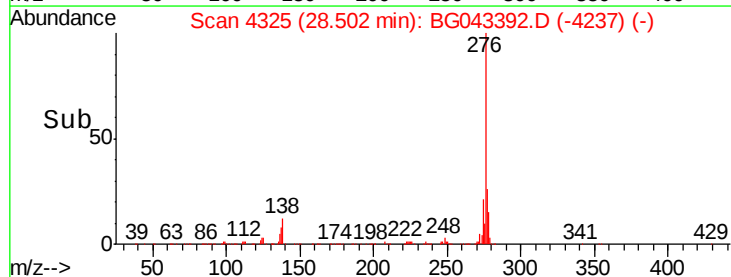
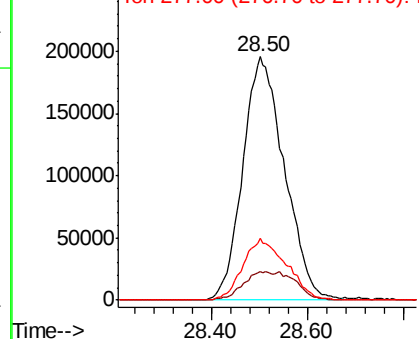


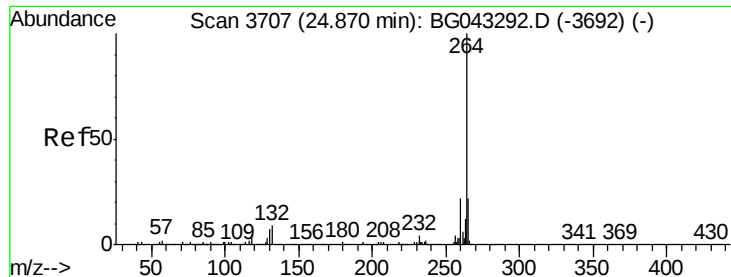
#86
Indeno(1,2,3-cd)pyrene
Concen: 48.618 ng
RT: 28.50 min Scan# 4325
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion:276 Resp: 1179071
Ion Ratio Lower Upper
276 100
138 7.8 7.2 10.8
277 26.5 20.9 31.3



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: BG043392.D

Acq: 30 Oct 2019 3:57

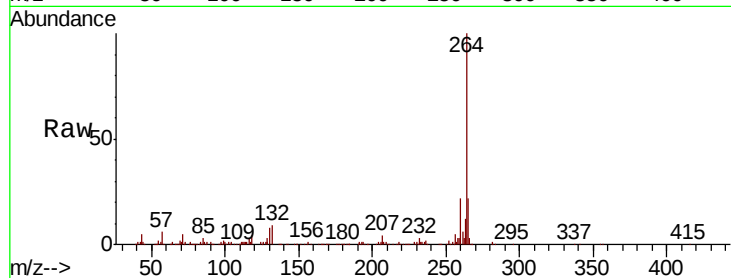
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 370245

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.9	26.9
265	22.0	17.4	26.2

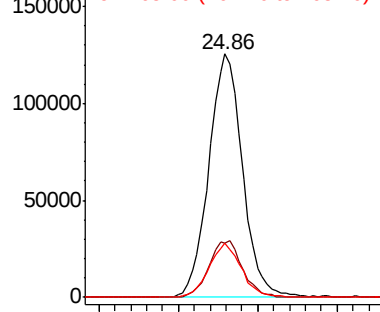


Abundance

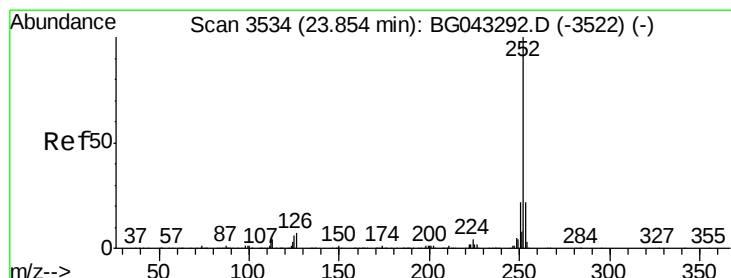
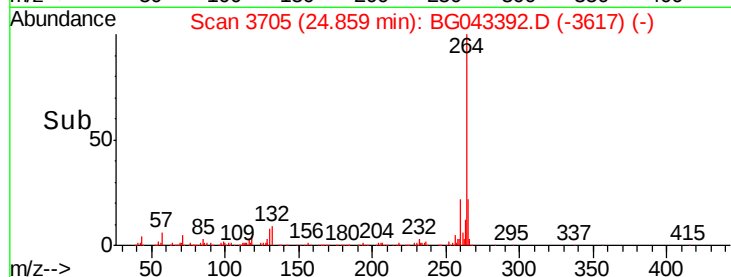
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 46.468 ng

RT: 23.85 min Scan# 3533

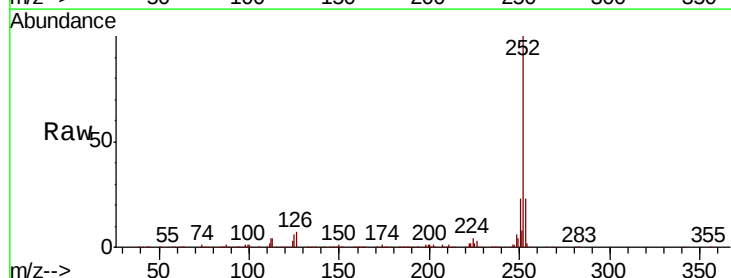
Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Tgt Ion:252 Resp: 974409

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	6.2	5.0	7.6

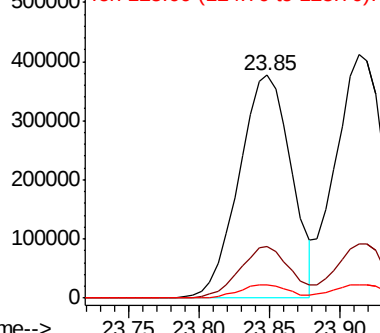


Abundance

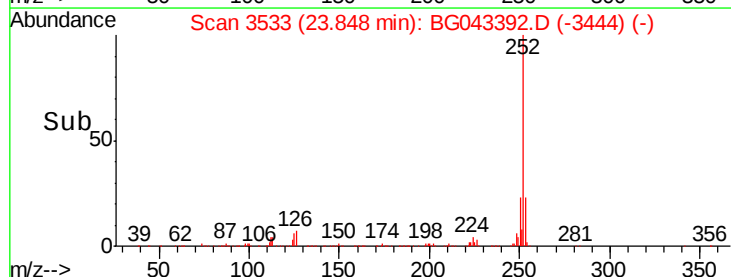
Ion 252.00 (251.70 to 252.70): E

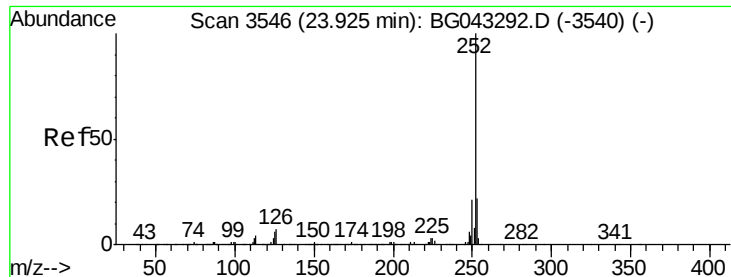
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

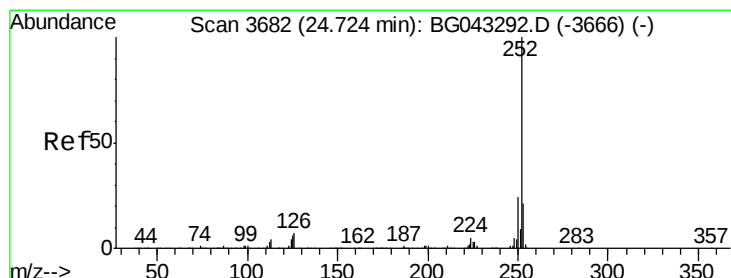
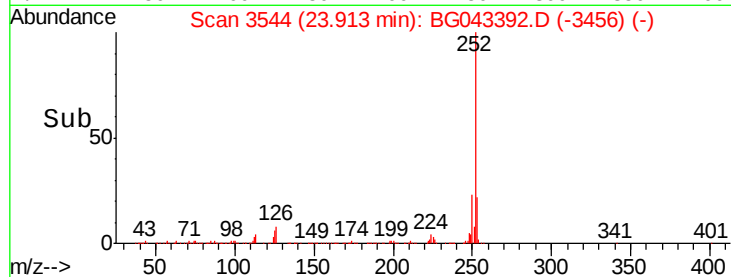
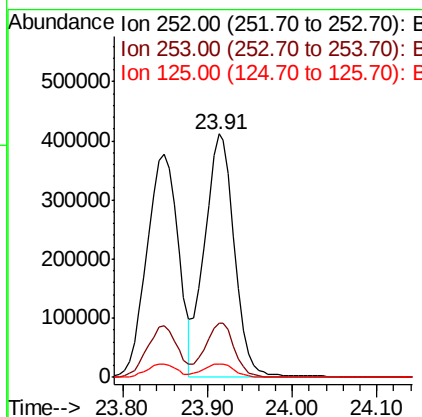
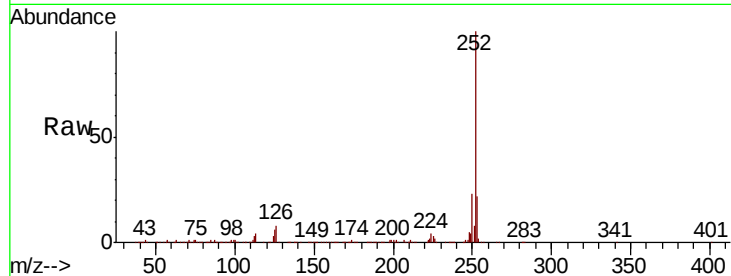




#89
Benzo(k)fluoranthene
Concen: 47.841 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

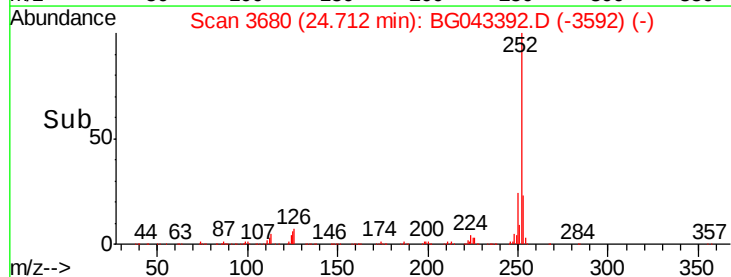
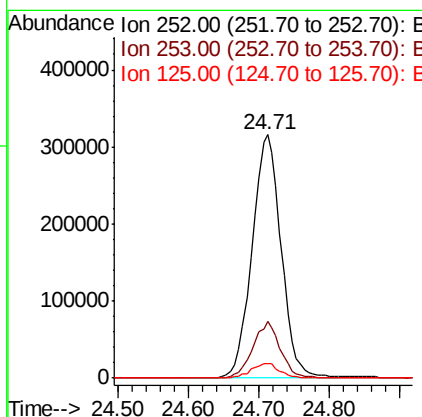
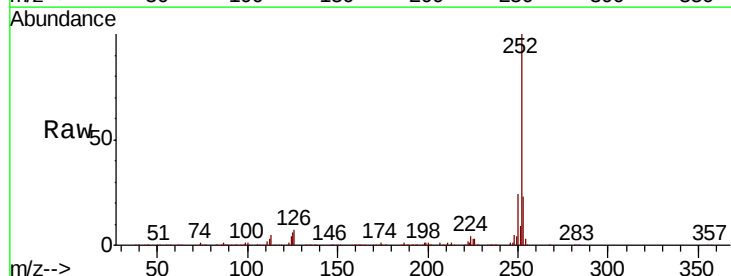
Instrument :
BNA_G
ClientSampled :

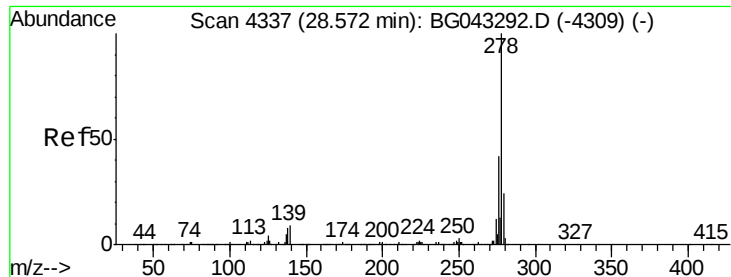
Tot Ion:252 Resp: 1009940
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 5.5 4.5 6.7



#90
Benzo(a)pyrene
Concen: 45.264 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043392.D
Acq: 30 Oct 2019 3:57

Tgt Ion:252 Resp: 906386
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 5.8 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 49.106 ng

RT: 28.57 min Scan# 4336

Delta R.T. -0.01 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

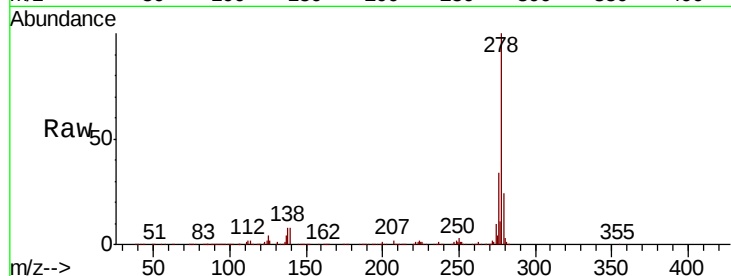
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1005794

Ion	Ratio	Lower	Upper
278	100		
139	8.2	6.8	10.2
279	23.9	19.0	28.6

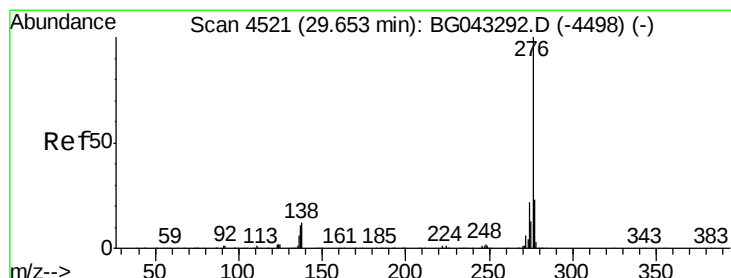
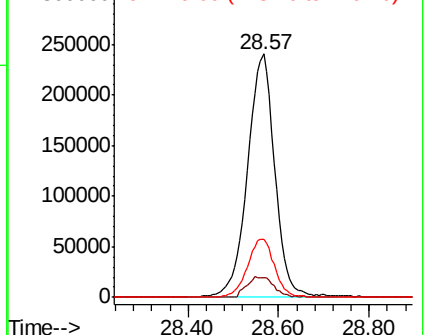
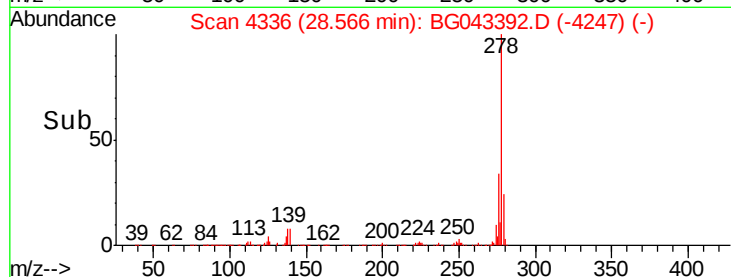


Abundance

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: 49.004 ng

RT: 29.65 min Scan# 4521

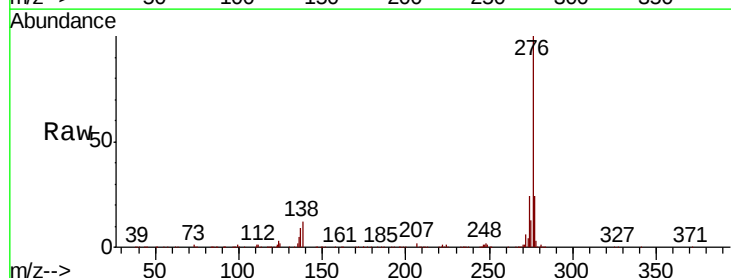
Delta R.T. 0.00 min

Lab File: BG043392.D

Acq: 30 Oct 2019 3:57

Tgt Ion:276 Resp: 990053

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.3	27.5
138	12.3	9.3	13.9



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

