

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043640.D
 Acq On : 14 Nov 2019 19:09
 Operator : JU
 Sample : K5832-10MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MSD

Quant Time: Nov 15 01:00:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26947	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	107801	20.00	ng	-0.02
39) Acenaphthene-d10	14.63	164	78915	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	185623	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	203350	20.00	ng	-0.02
87) Perylene-d12	24.82	264	241521	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	122901	83.58	ng	0.00
7) Phenol-d6	7.20	99	177402	83.85	ng	0.00
23) Nitrobenzene-d5	9.16	82	109629	52.43	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	106063	70.63	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	282920	49.54	ng	-0.02
79) Terphenyl-d14	19.98	244	563616	52.00	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	24026	41.926	ng	97
3) Pyridine	3.86	79	59287	41.013	ng	95
4) n-Nitrosodimethylamine	3.78	42	39298	53.874	ng	# 91
6) Aniline	7.32	93	67926	27.870	ng	90
8) 2-Chlorophenol	7.58	128	85656	52.766	ng	98
9) Benzaldehyde	7.14	77	38953	37.463	ng	96
10) Phenol	7.23	94	111624	57.735	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	69057	46.199	ng	98
12) 1,3-Dichlorobenzene	7.88	146	94333	46.381	ng	99
13) 1,4-Dichlorobenzene	8.03	146	95305	46.314	ng	95
14) 1,2-Dichlorobenzene	8.35	146	94903	47.234	ng	92
15) Benzyl Alcohol	8.25	79	79081	53.221	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.52	45	99380	45.723	ng	98
17) 2-Methylphenol	8.47	107	75543	53.598	ng	92
18) Hexachloroethane	9.08	117	33570	45.217	ng	95
19) n-Nitroso-di-n-propylamine	8.80	70	62473	45.695	ng	92
20) 3+4-Methylphenols	8.47	107	75543	39.087	ng	82
22) Acetophenone	8.82	105	125769	45.557	ng	# 94
24) Nitrobenzene	9.21	77	97048	48.721	ng	95
25) Isophorone	9.72	82	180372	47.181	ng	98
26) 2-Nitrophenol	9.92	139	49778	51.762	ng	# 95
27) 2,4-Dimethylphenol	9.99	122	82689	59.992	ng	95
28) bis(2-Chloroethoxy)methane	10.20	93	99100	46.968	ng	97
29) 2,4-Dichlorophenol	10.47	162	95220	53.918	ng	91
30) 1,2,4-Trichlorobenzene	10.66	180	104644	47.014	ng	98
31) Naphthalene	10.85	128	267287	48.847	ng	98
32) Benzoic acid	10.18	122	42857	42.094	ng	94
33) 4-Chloroaniline	10.98	127	38598	17.208	ng	96
34) Hexachlorobutadiene	11.14	225	72856	44.279	ng	91
35) Caprolactam	11.74	113	20491	33.690	ng	97
36) 4-Chloro-3-methylphenol	12.11	107	101058	52.461	ng	98
37) 2-Methylnaphthalene	12.45	142	203906	48.566	ng	98
38) 1-Methylnaphthalene	12.67	142	194896	48.788	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	134049	45.899	ng	99

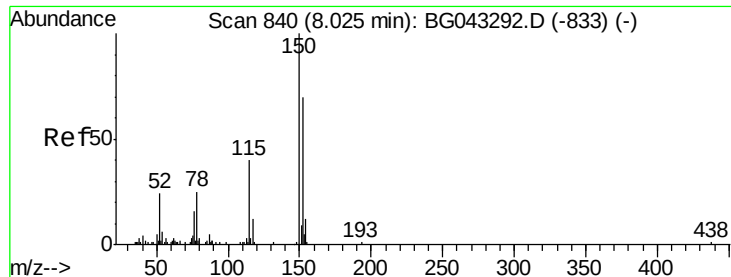
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043640.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	118064	76.956	nq	97
43) 2,4,6-Trichlorophenol	13.07	196	84886	49.354	nq	96
44) 2,4,5-Trichlorophenol	13.17	196	86243	49.599	nq	97
46) 1,1'-Biphenyl	13.46	154	278244	46.348	nq	97
47) 2-Chloronaphthalene	13.51	162	211787	46.365	nq	98
48) 2-Nitroaniline	13.72	65	65878	48.254	nq	94
49) Acenaphthylene	14.35	152	350977	49.370	nq	98
50) Dimethylphthalate	14.08	163	322603	52.777	nq	98
51) 2,6-Dinitrotoluene	14.21	165	64413	48.506	nq	98
52) Acenaphthene	14.69	154	206860	47.714	nq	96
53) 3-Nitroaniline	14.55	138	32269	25.169	nq	97
54) 2,4-Dinitrophenol	14.75	184	60468	73.565	nq	96
55) Dibenzofuran	15.03	168	342974	48.783	nq	98
56) 4-Nitrophenol	14.89	139	88770	103.321	nq	96
57) 2,4-Dinitrotoluene	15.00	165	91380	48.151	nq	# 99
58) Fluorene	15.67	166	283720	48.115	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	90598	49.041	nq	97
60) Diethylphthalate	15.44	149	276562	45.030	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	160785	46.740	nq	96
62) 4-Nitroaniline	15.71	138	60623	45.785	nq	92
63) Azobenzene	15.96	77	239873	48.258	nq	95
65) 4,6-Dinitro-2-methylphenol	15.76	198	50988	46.675	nq	92
66) n-Nitrosodiphenylamine	15.89	169	251915	48.070	nq	97
67) 4-Bromophenyl-phenylether	16.56	248	114609	45.879	nq	98
68) Hexachlorobenzene	16.68	284	126557	44.135	nq	95
69) Atrazine	16.83	200	111113	61.018	nq	97
70) Pentachlorophenol	17.04	266	107802	82.506	nq	99
71) Phenanthrene	17.42	178	456661	48.043	nq	100
72) Anthracene	17.51	178	474503	49.894	nq	98
73) Carbazole	17.78	167	425171	49.368	nq	99
74) Di-n-butylphthalate	18.33	149	497306	47.590	nq	99
75) Fluoranthene	19.43	202	610505	49.266	nq	99
77) Benzidine	19.61	184	278675	68.094	nq	98
78) Pyrene	19.79	202	615452	48.895	nq	99
80) Butylbenzylphthalate	20.67	149	232182	48.688	nq	95
81) Benzo(a)anthracene	21.62	228	645835	50.703	nq	98
82) 3,3'-Dichlorobenzidine	21.54	252	145096	29.451	nq	99
83) Chrysene	21.68	228	625799	49.447	nq	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	338595	49.984	nq	98
85) Di-n-octyl phthalate	22.71	149	591117	51.434	nq	99
86) Indeno(1,2,3-cd)pyrene	28.45	276	813061	51.180	nq	100
88) Benzo(b)fluoranthene	23.81	252	683453	49.964	nq	98
89) Benzo(k)fluoranthene	23.88	252	676831	49.150	nq	98
90) Benzo(a)pyrene	24.67	252	638302	48.865	nq	98
91) Dibenzo(a,h)anthracene	28.50	278	687874	51.484	nq	97
92) Benzo(g,h,i)perylene	29.58	276	679522	51.560	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

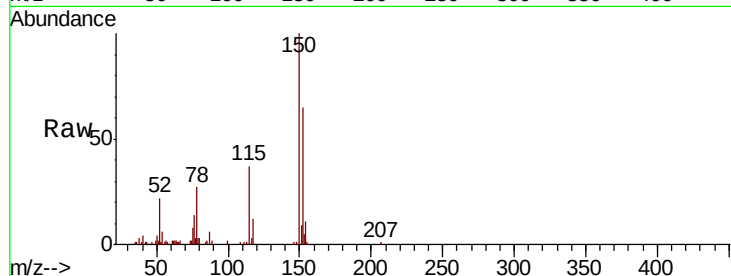
Tot Ion:152 Resp: 26947

Ion Ratio Lower Upper

152 100

150 153.9 129.4 194.0

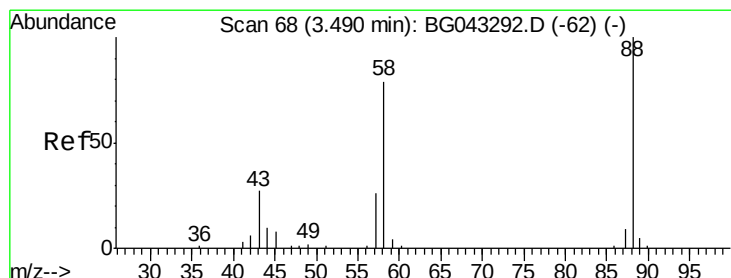
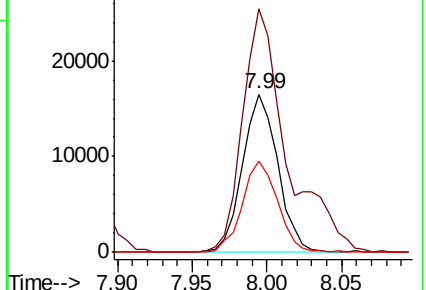
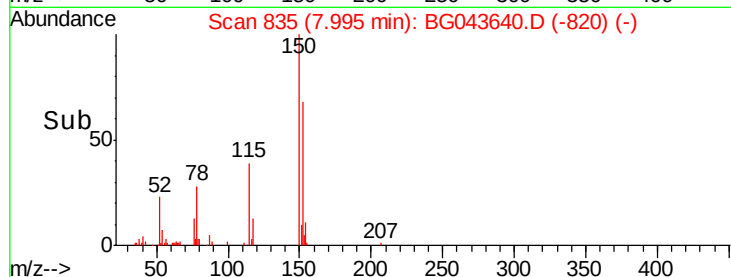
115 57.4 48.8 73.2



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: 41.926 ng

RT: 3.46 min Scan# 63

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

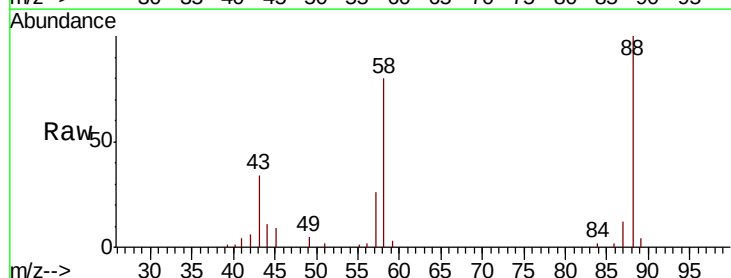
Tgt Ion: 88 Resp: 24026

Ion Ratio Lower Upper

88 100

58 80.4 62.7 94.1

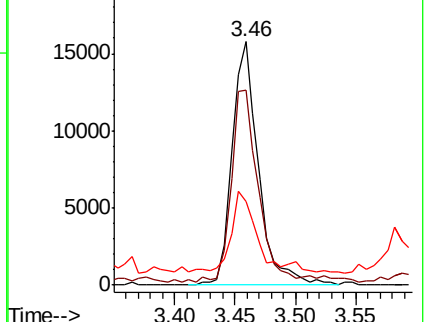
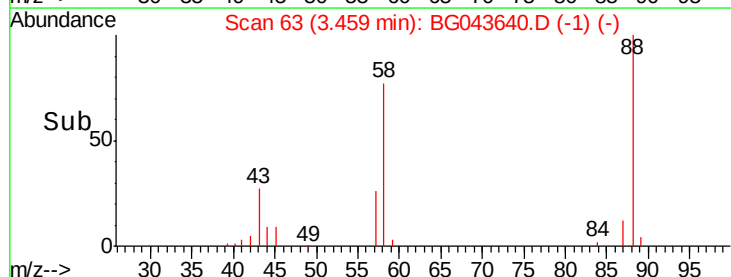
43 27.6 23.7 35.5

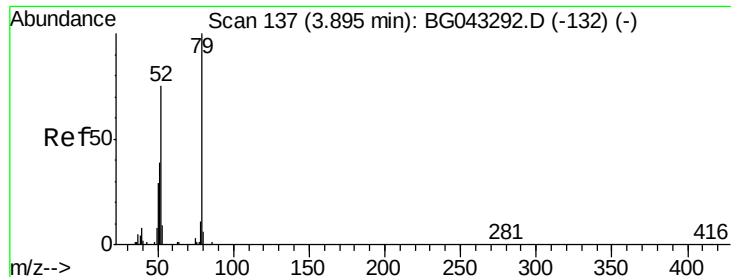


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.013 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

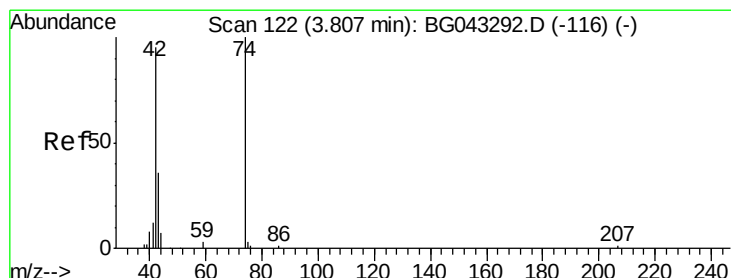
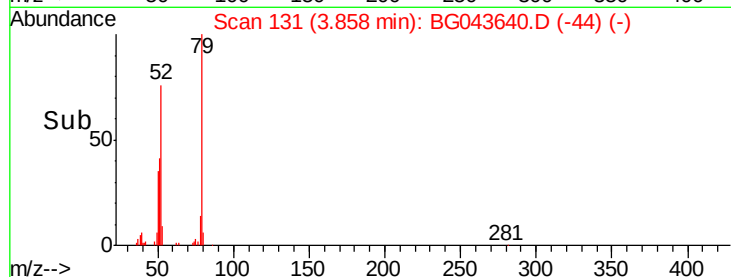
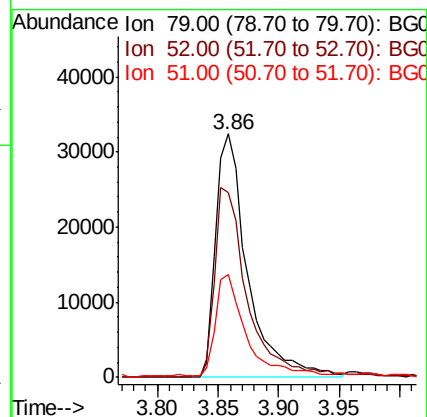
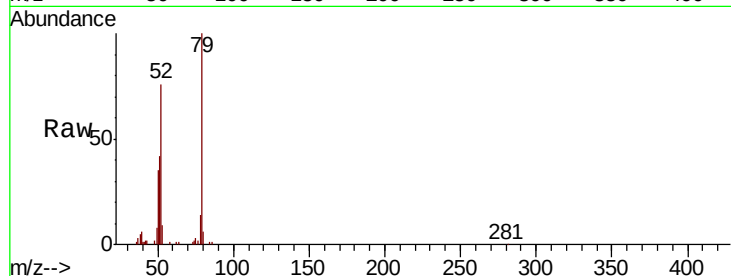
Tot Ion: 79 Resp: 59287

Ion Ratio Lower Upper

79 100

52 75.9 56.5 84.7

51 42.5 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 53.874 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

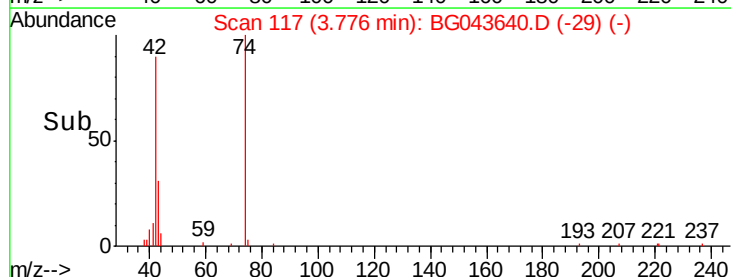
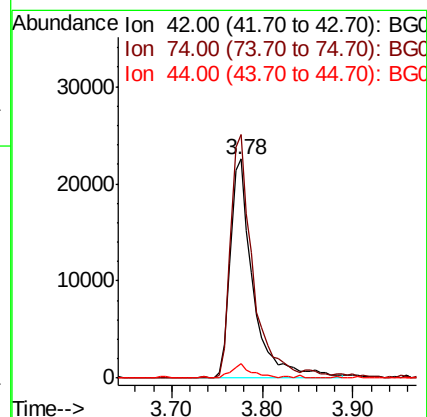
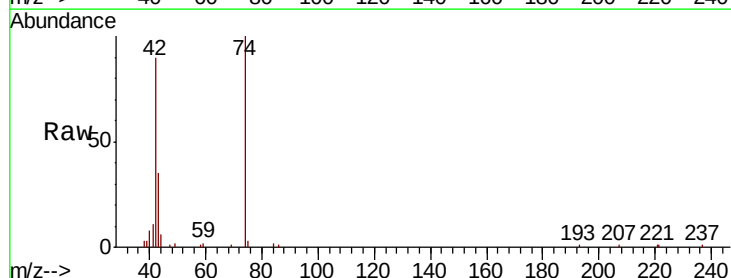
Tgt Ion: 42 Resp: 39298

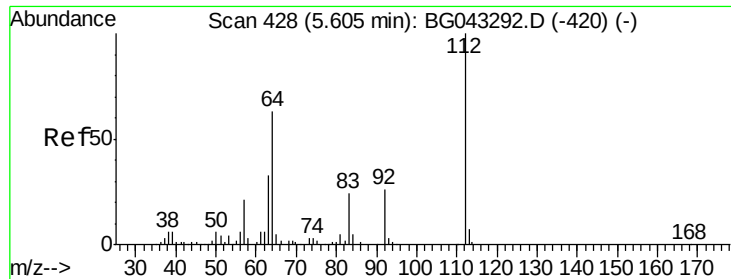
Ion Ratio Lower Upper

42 100

74 111.3 97.3 145.9

44 6.9 4.4 6.6#





#5

2-Fluorophenol

Concen: 83.575 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

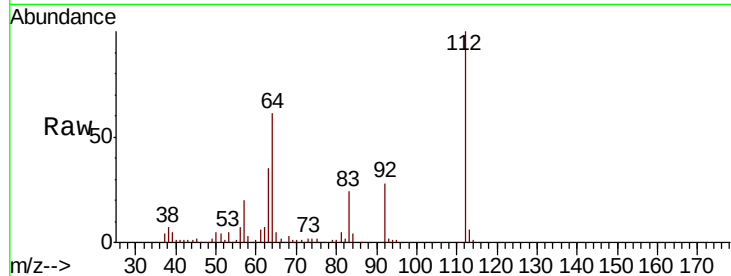
Tot Ion:112 Resp: 122901

Ion Ratio Lower Upper

112 100

64 61.2 50.0 75.0

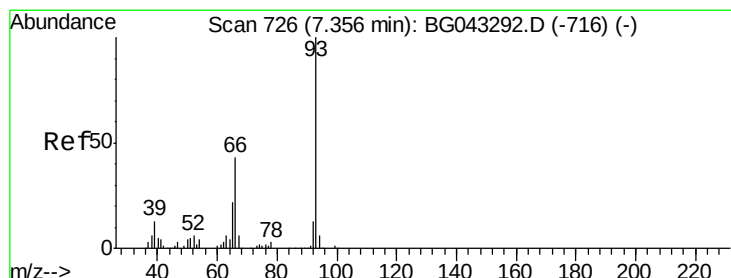
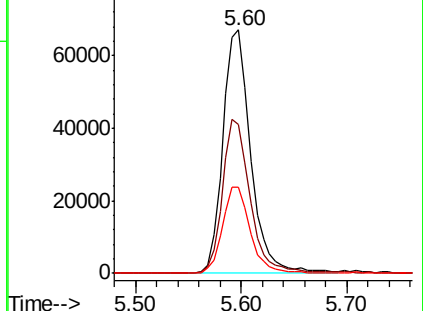
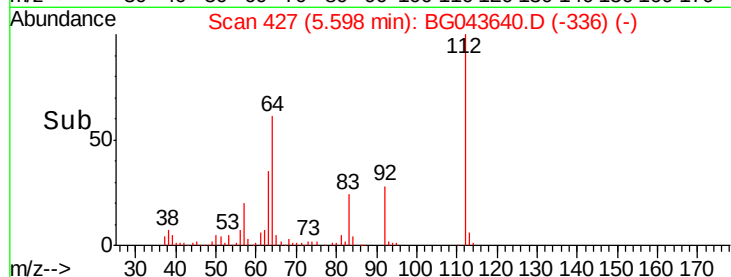
63 35.2 26.6 40.0



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: 27.870 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

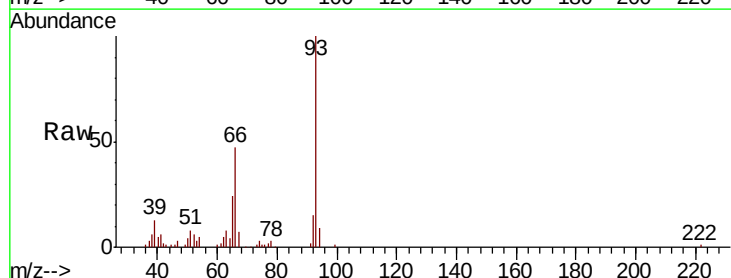
Tgt Ion: 93 Resp: 67926

Ion Ratio Lower Upper

93 100

66 47.3 32.3 48.5

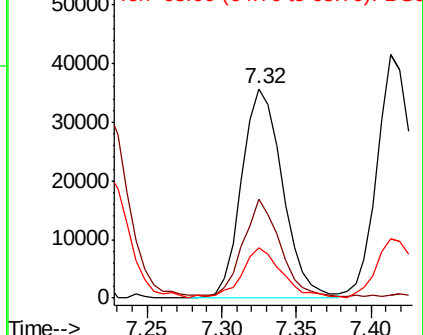
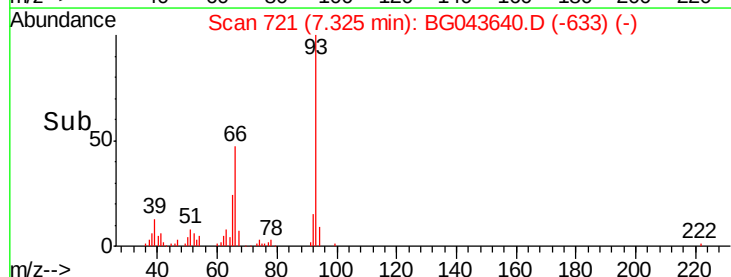
65 23.8 16.1 24.1

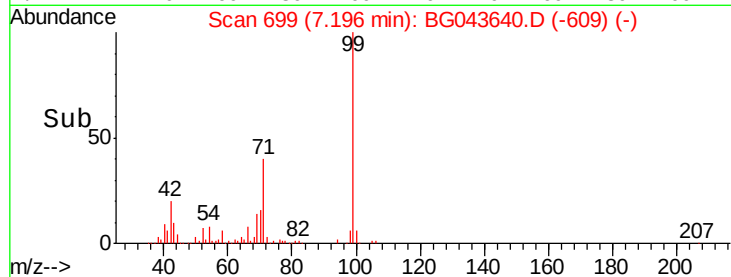
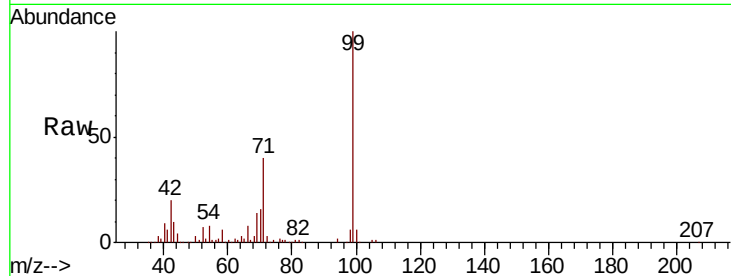
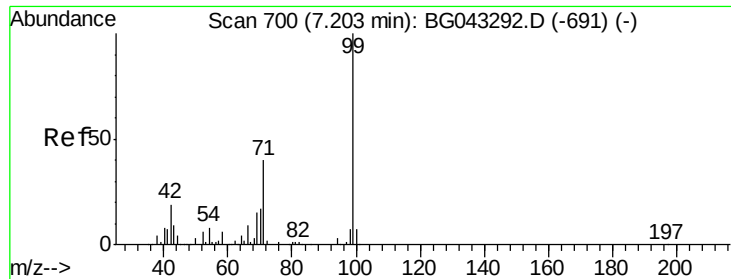


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.847 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

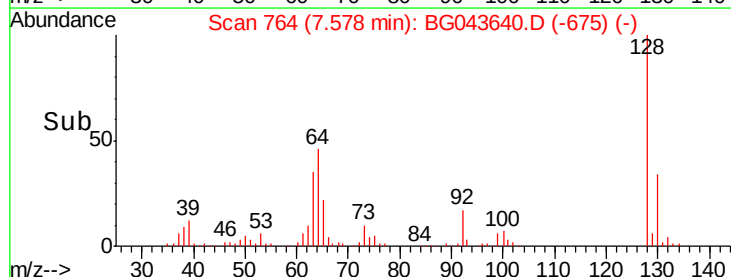
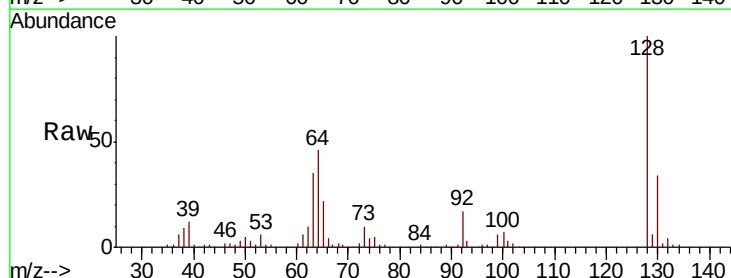
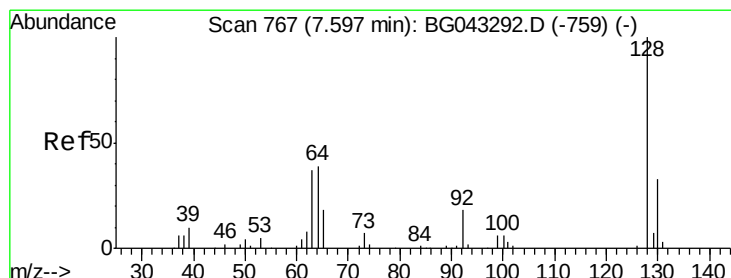
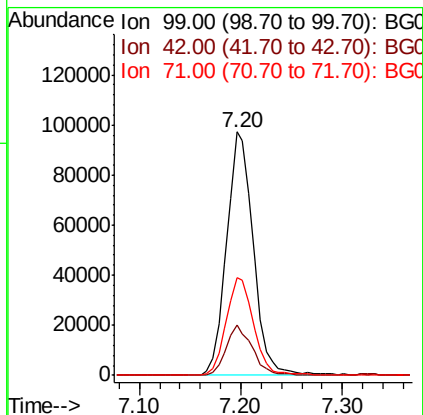
Tot Ion: 99 Resp: 177402

Ion Ratio Lower Upper

99 100

42 20.4 14.6 21.8

71 40.3 32.5 48.7



#8

2-Chlorophenol

Concen: 52.766 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

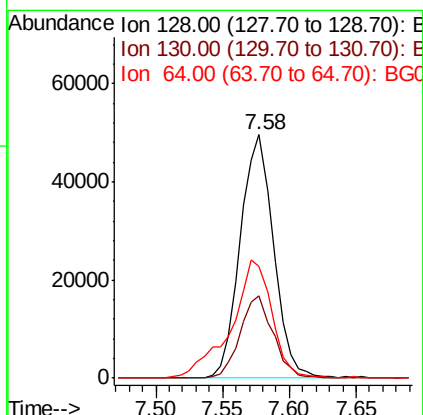
Tgt Ion: 128 Resp: 85656

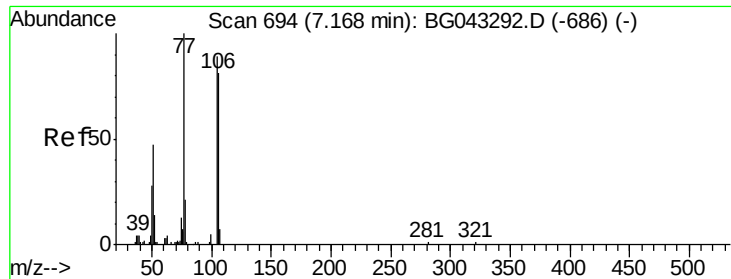
Ion Ratio Lower Upper

128 100

130 33.8 12.5 52.5

64 46.1 25.3 65.3





#9

Benzaldehyde

Concen: 37.463 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

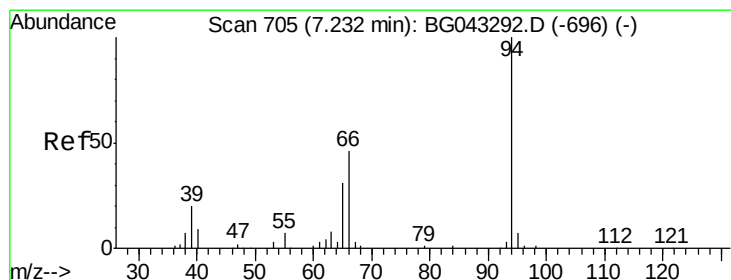
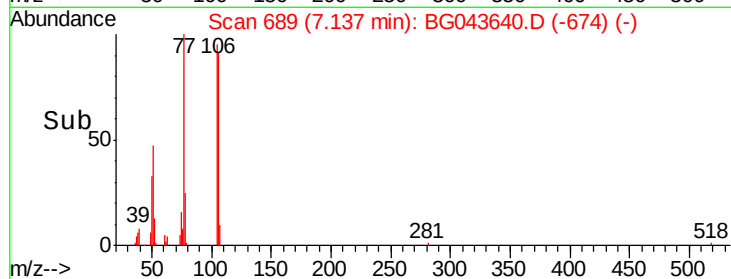
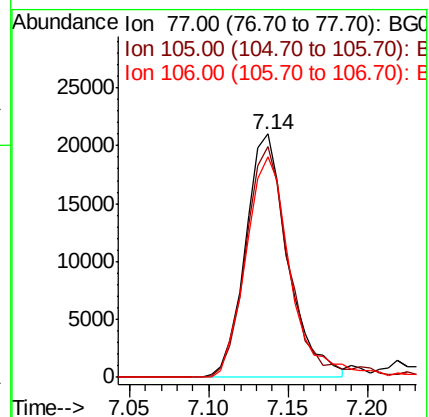
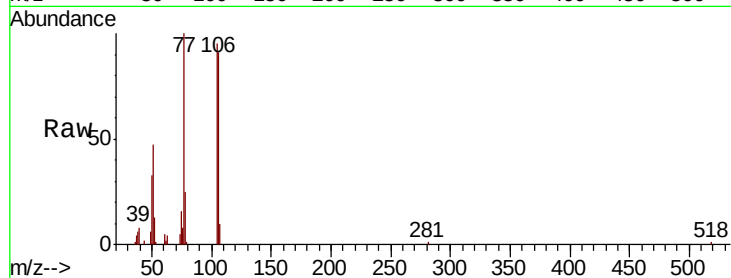
Tot Ion: 77 Resp: 38953

Ion Ratio Lower Upper

77 100

105 94.9 68.6 108.6

106 90.6 69.9 109.9



#10

Phenol

Concen: 57.735 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

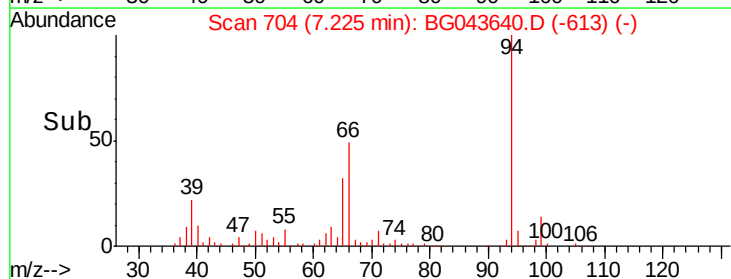
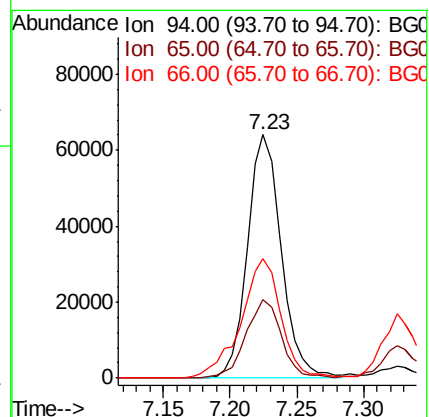
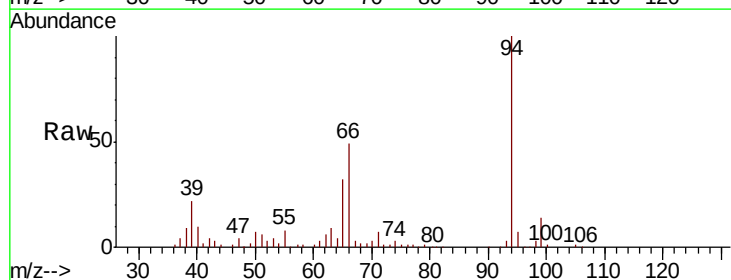
Tgt Ion: 94 Resp: 111624

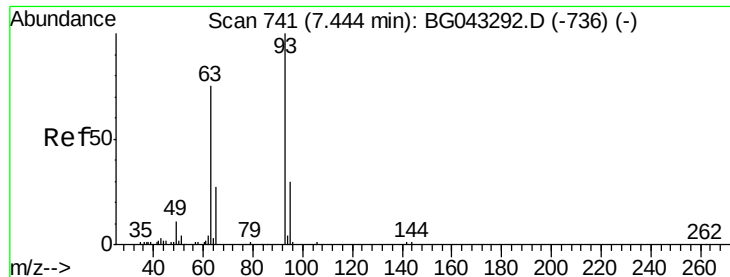
Ion Ratio Lower Upper

94 100

65 32.1 12.6 52.6

66 48.8 30.7 70.7

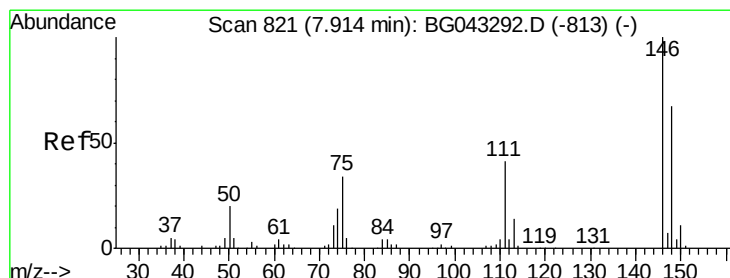
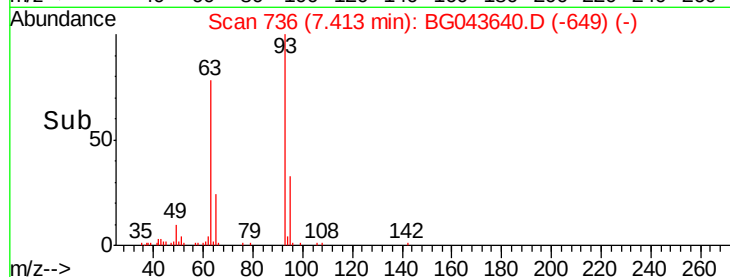
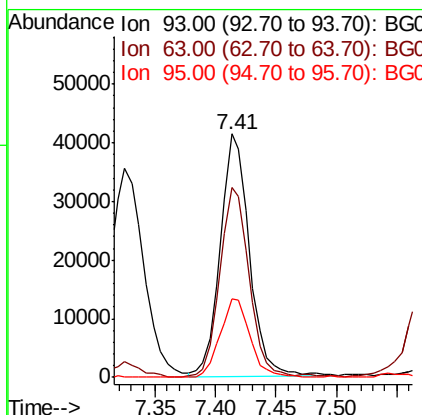
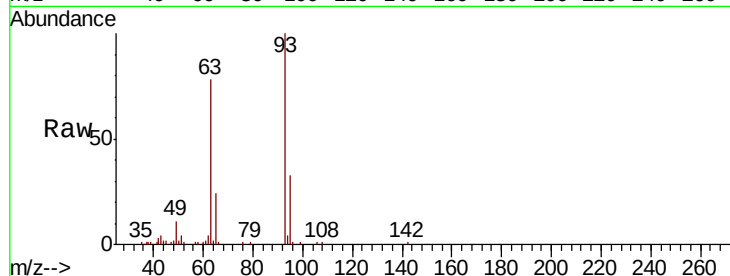




#11
bis(2-Chloroethyl)ether
Concen: 46.199 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.02 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

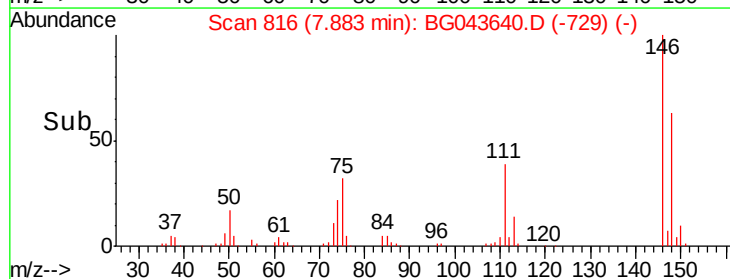
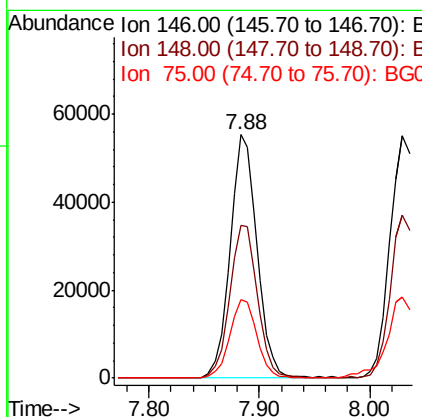
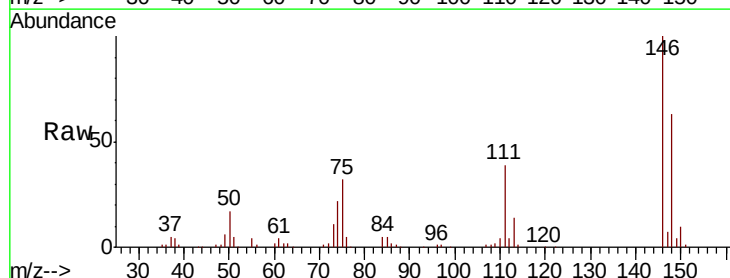
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

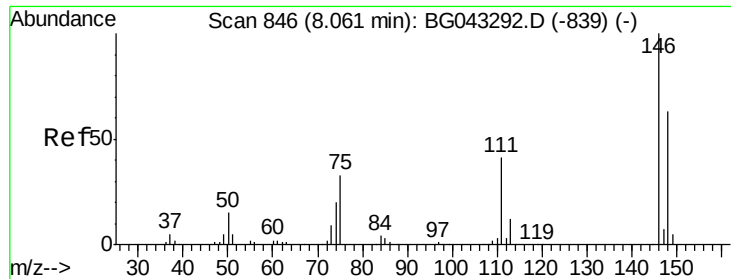
Tot Ion	93	Resp	69057
Ion Ratio	100	Lower	Upper
63	78.0	56.3	96.3
95	32.5	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 46.381 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

Tgt Ion	146	Resp	94333
Ion Ratio	100	Lower	Upper
148	62.7	50.3	75.5
75	32.0	24.6	37.0

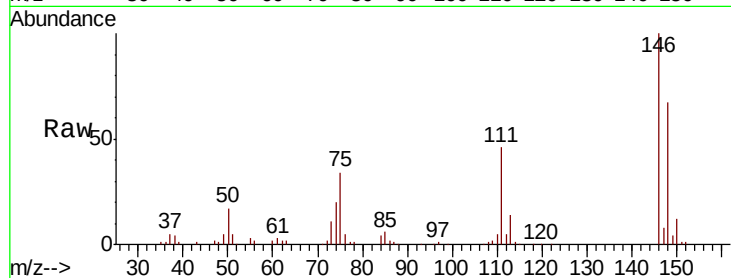




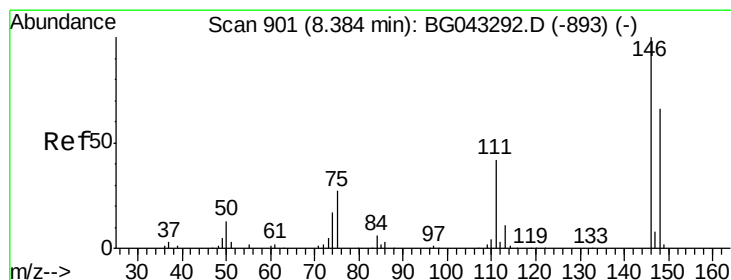
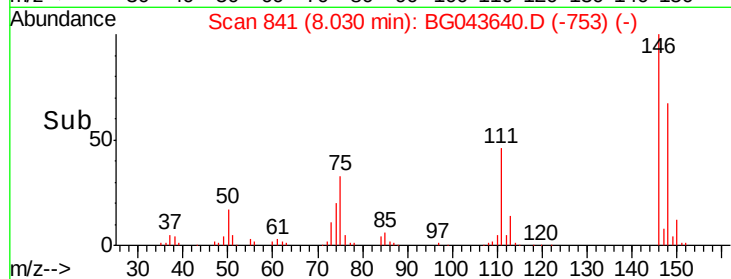
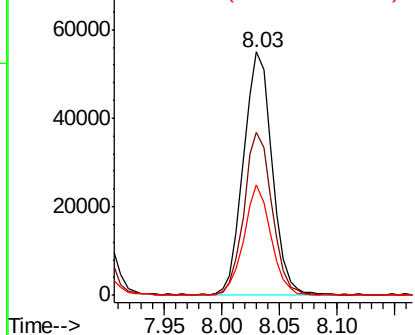
#13
 1,4-Dichlorobenzene
 Concen: 46.314 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG043640.D
 Acq: 14 Nov 2019 19:09

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MSD

Tot Ion:146 Resp: 95305
 Ion Ratio Lower Upper
 146 100
 148 67.2 50.7 76.1
 111 45.6 33.4 50.2

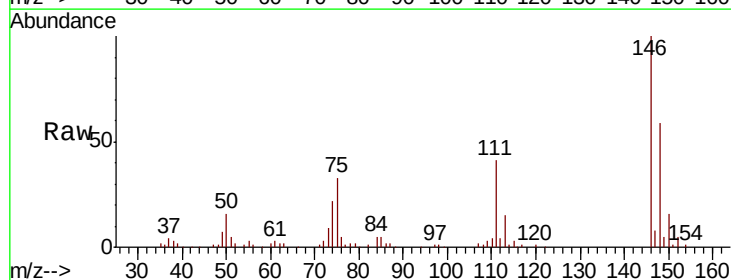


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

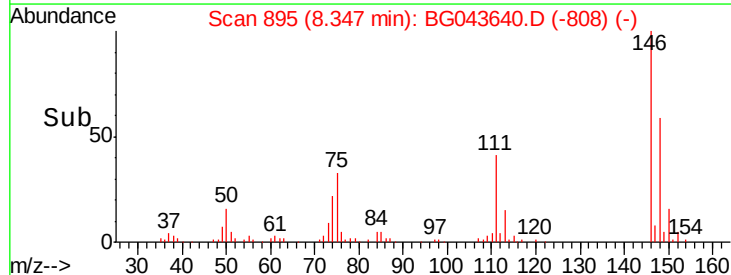
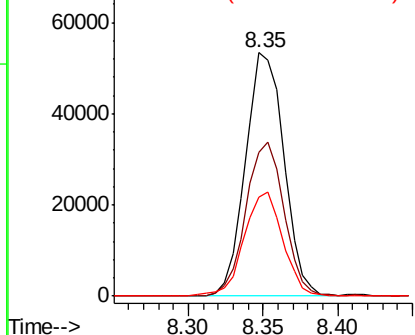


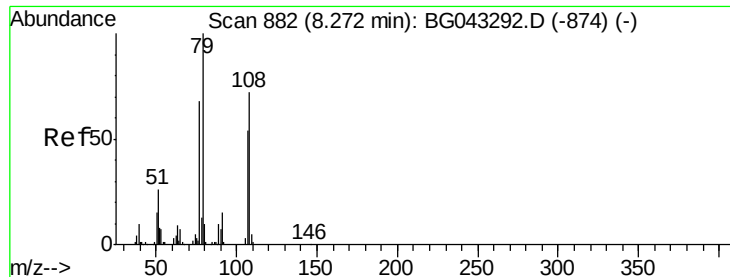
#14
 1,2-Dichlorobenzene
 Concen: 47.234 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BG043640.D
 Acq: 14 Nov 2019 19:09

Tgt Ion:146 Resp: 94903
 Ion Ratio Lower Upper
 146 100
 148 58.9 53.2 79.8
 111 40.7 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 53.221 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

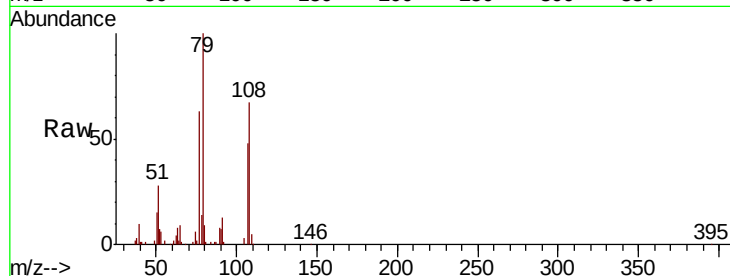
Tot Ion: 79 Resp: 79081

Ion Ratio Lower Upper

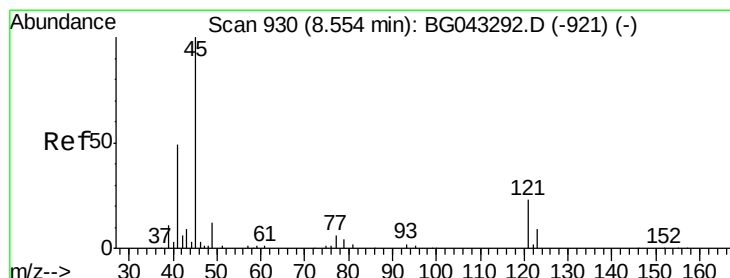
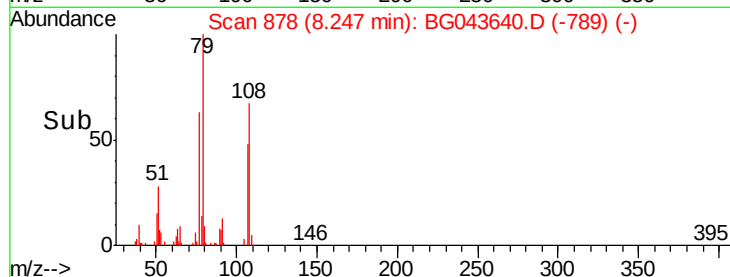
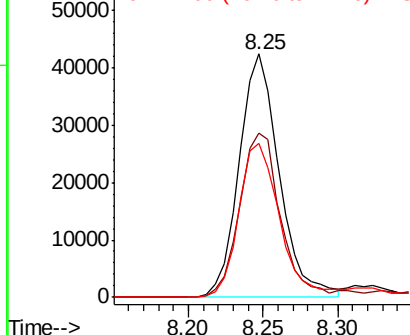
79 100

108 67.4 53.6 80.4

77 63.4 49.6 74.4



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: 45.723 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

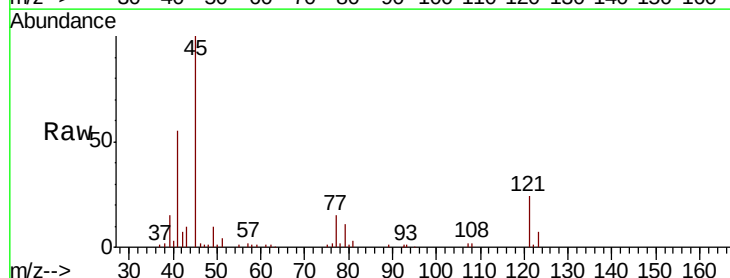
Tgt Ion: 45 Resp: 99380

Ion Ratio Lower Upper

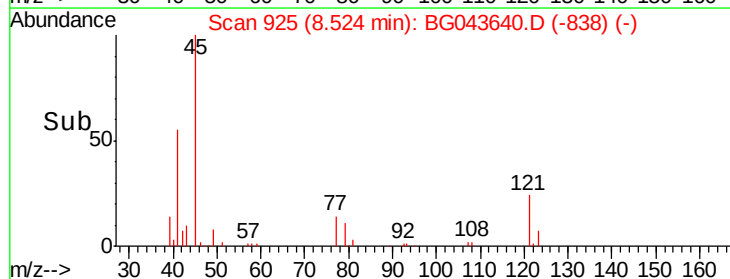
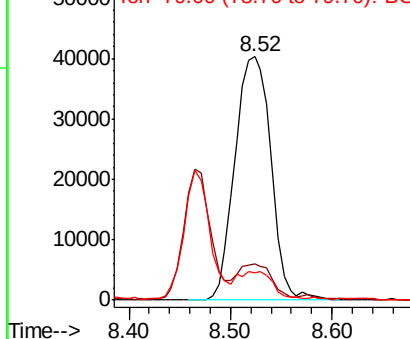
45 100

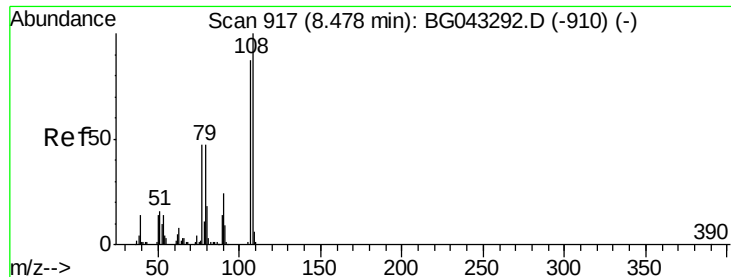
77 14.8 0.0 34.9

79 11.2 0.0 33.0



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: 53.598 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

Tot Ion:107 Resp: 75543

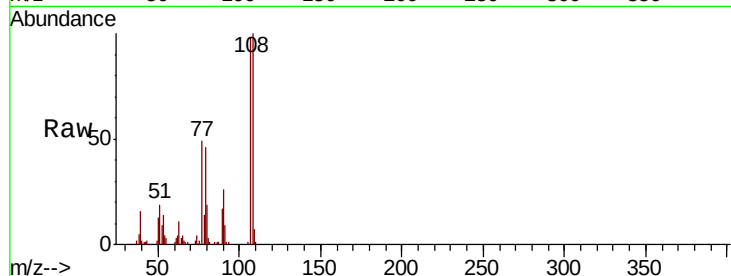
Ion Ratio Lower Upper

107 100

108 101.6 90.2 135.4

77 49.7 40.2 60.2

79 46.9 44.0 66.0

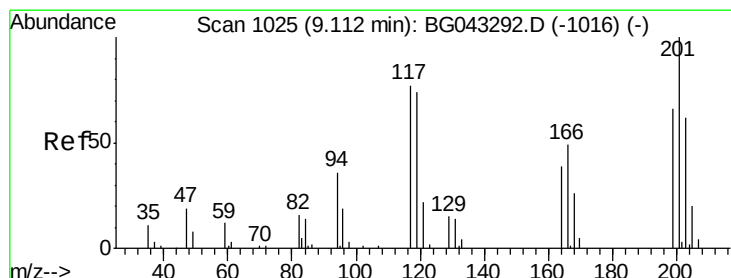
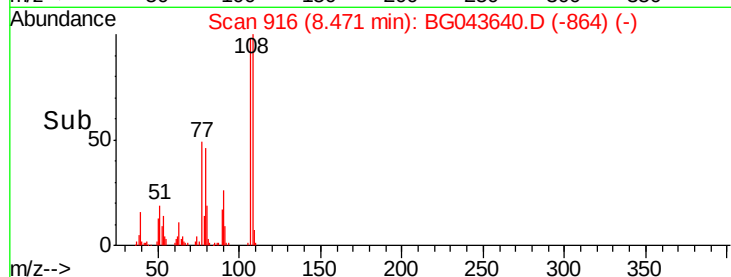
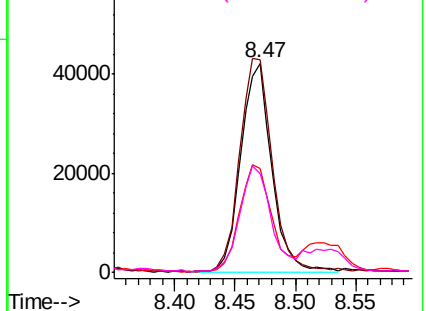


Abundance Ion 107.00 (106.70 to 107.70): E

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: 45.217 ng

RT: 9.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

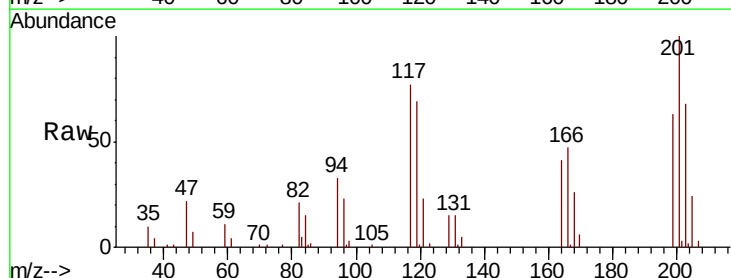
Tgt Ion:117 Resp: 33570

Ion Ratio Lower Upper

117 100

119 90.1 79.0 118.4

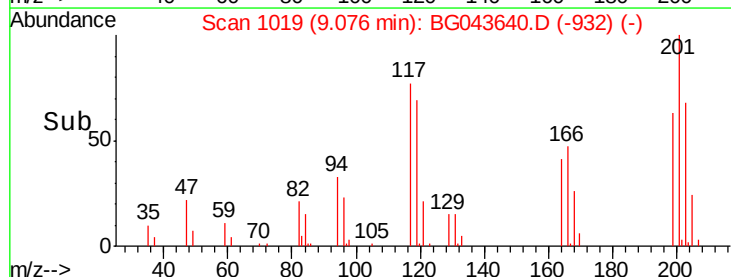
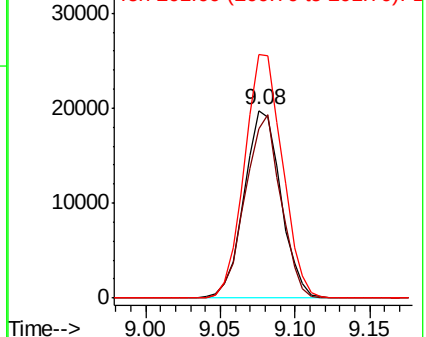
201 129.7 105.4 158.2

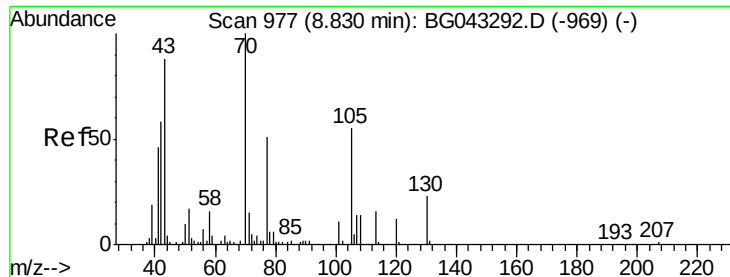


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

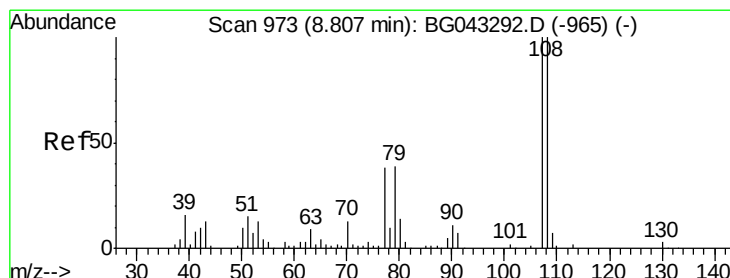
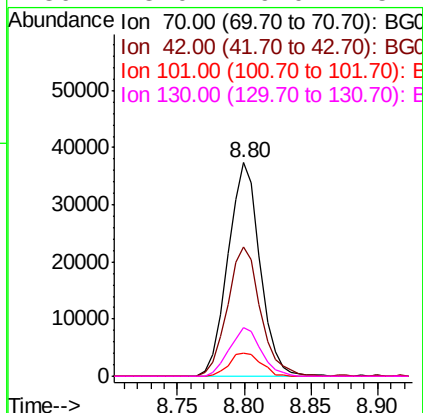
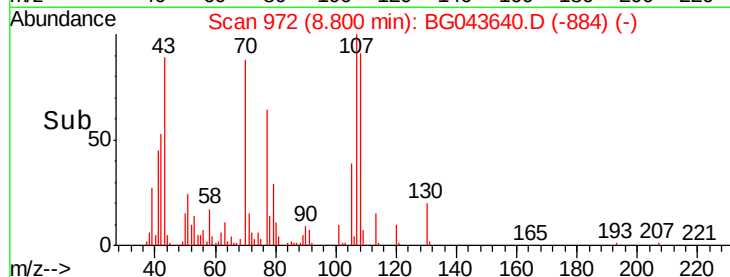
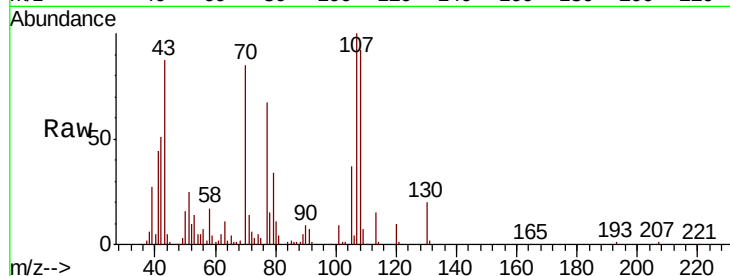




#19
n-Nitroso-di-n-propylamine
Concen: 45.695 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

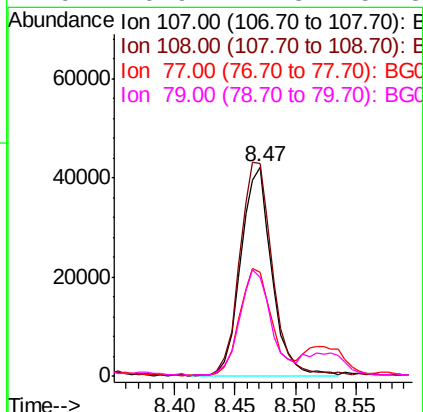
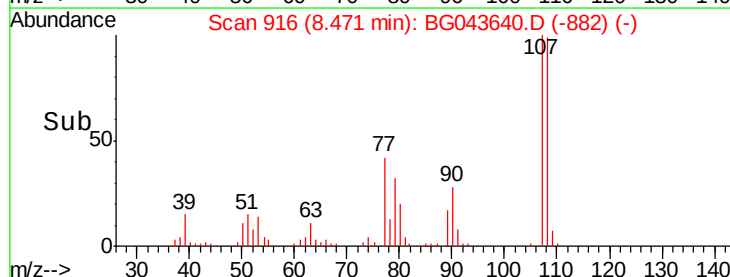
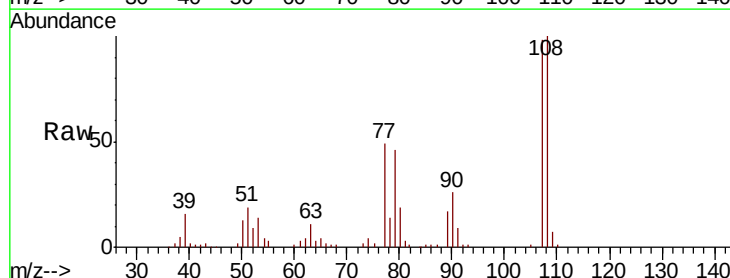
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

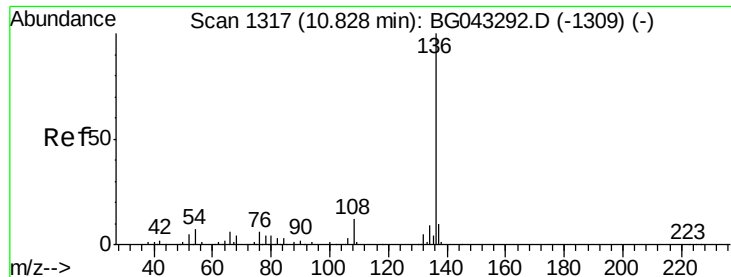
Tot Ion:	70	Resp:	62473
Ion	Ratio	Lower	Upper
70	100		
42	60.6	41.4	62.2
101	11.0	7.9	11.9
130	23.0	19.0	28.4



#20
3+4-Methylphenols
Concen: 39.087 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.33 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

Tgt Ion:	107	Resp:	75543
Ion	Ratio	Lower	Upper
107	100		
108	101.6	66.6	106.6
77	49.7	20.9	60.9
79	46.9	11.3	51.3

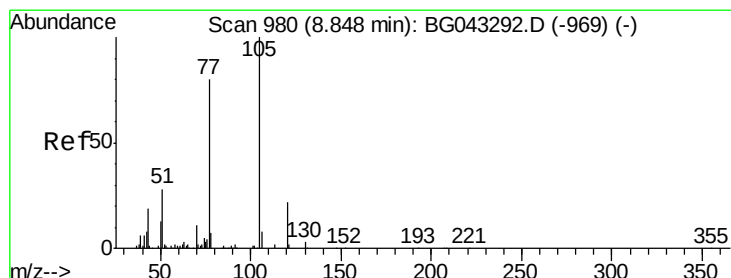
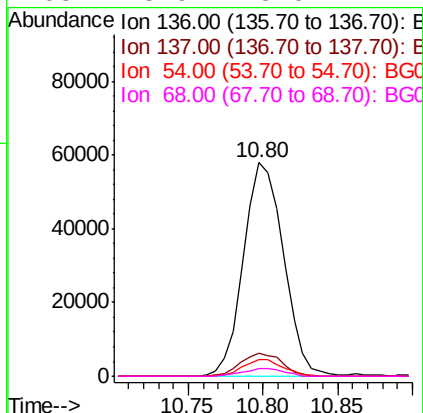
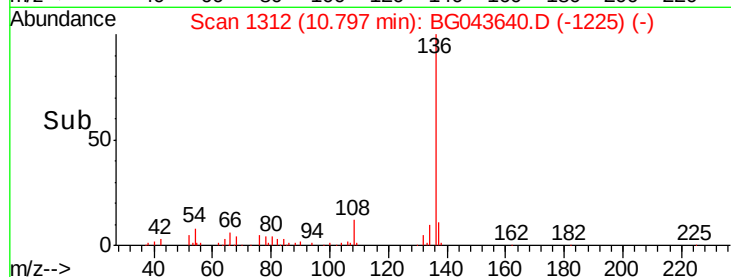
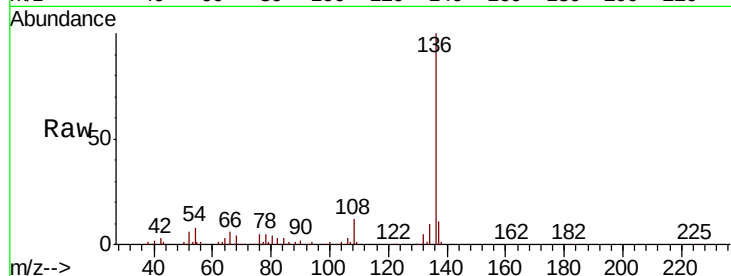




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

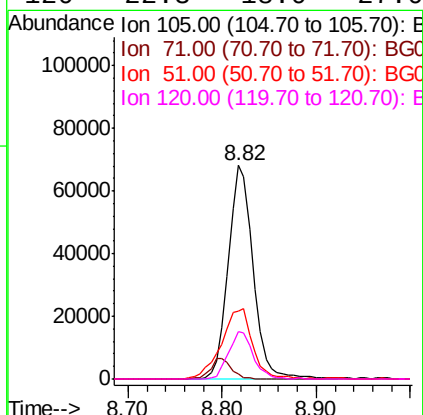
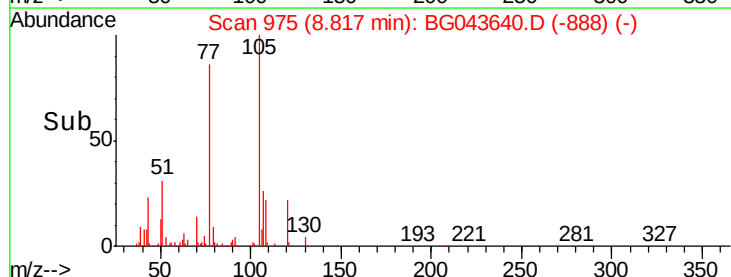
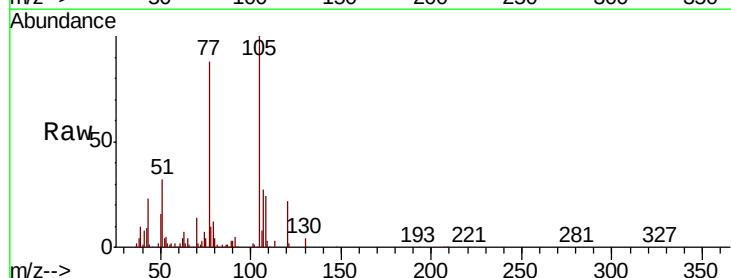
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

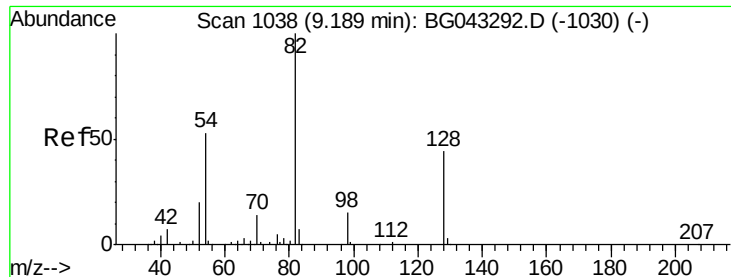
Tot Ion:136	Resp:	107801
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.7 13.1
54	7.8	5.4 8.2
68	3.9	3.0 4.4



#22
Acetophenone
Concen: 45.557 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

Tgt Ion:105	Resp:	125769
Ion	Ratio	Lower Upper
105	100	
71	2.3	0.8 1.2#
51	31.8	21.0 31.4#
120	22.3	18.0 27.0

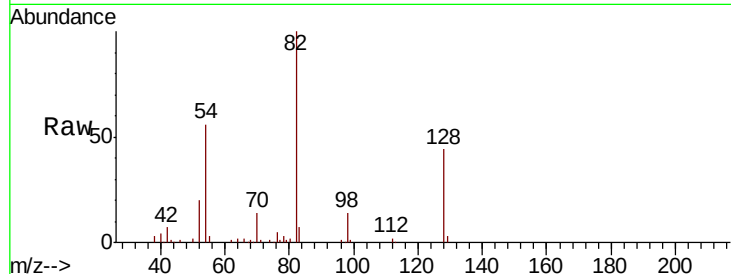




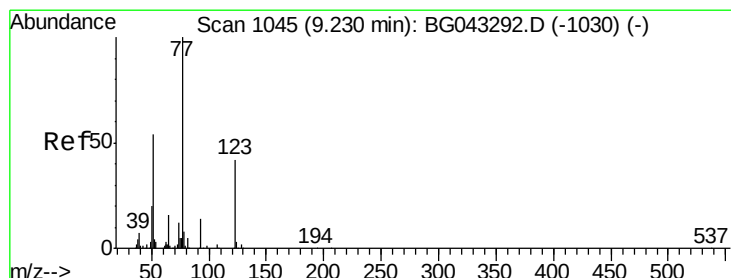
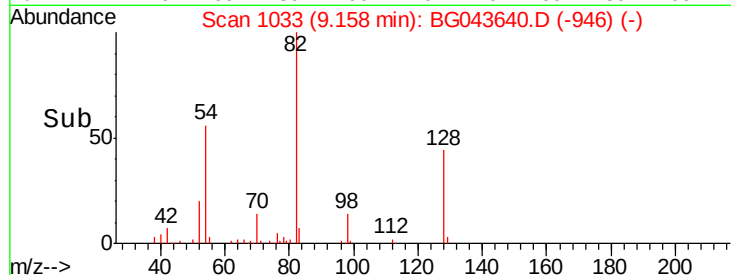
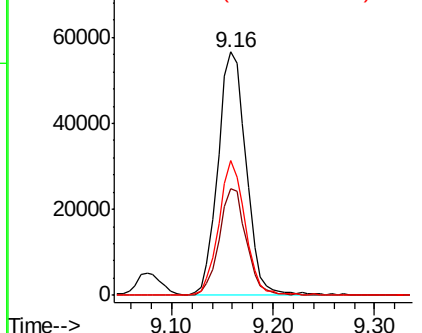
#23
 Nitrobenzene-d5
 Concen: 52.429 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BG043640.D
 Acq: 14 Nov 2019 19:09

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MSD

Tot Ion	82	Resp	109629
Ion Ratio	Lower	Upper	
82	100		
128	43.8	35.0	52.6
54	55.5	40.2	60.2

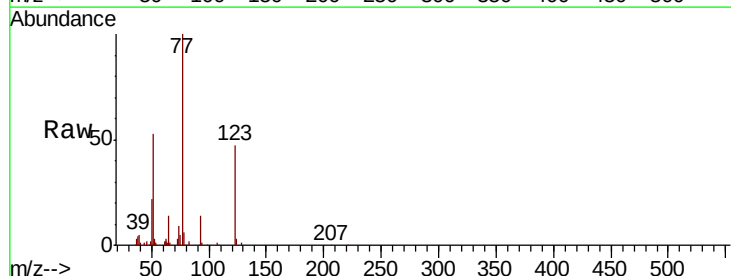


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

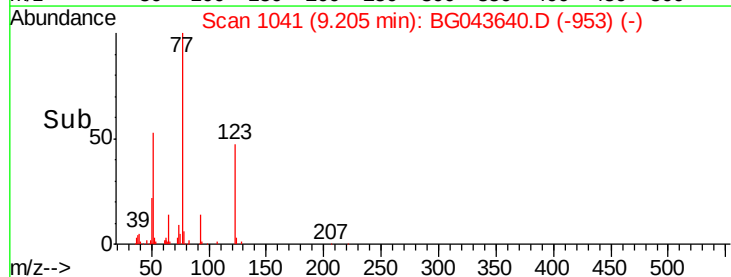
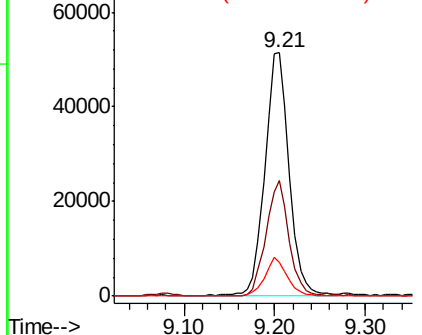


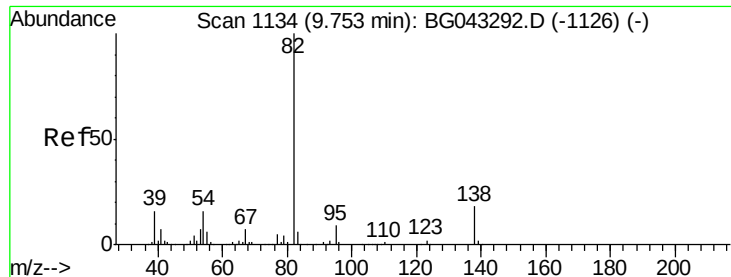
#24
 Nitrobenzene
 Concen: 48.721 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG043640.D
 Acq: 14 Nov 2019 19:09

Tgt Ion	77	Resp	97048
Ion Ratio	Lower	Upper	
77	100		
123	47.2	35.0	52.6
65	13.8	9.5	14.3



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





#25

Isophorone

Concen: 47.181 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

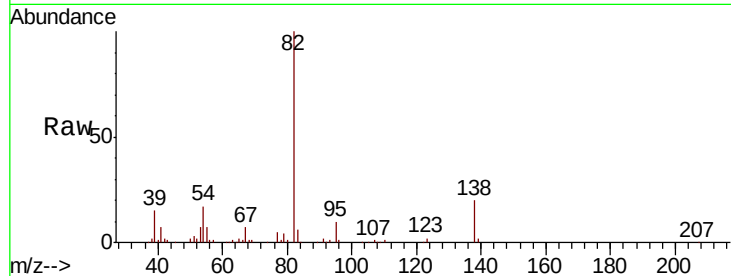
Tot Ion: 82 Resp: 180372

Ion Ratio Lower Upper

82 100

95 9.5 6.6 9.8

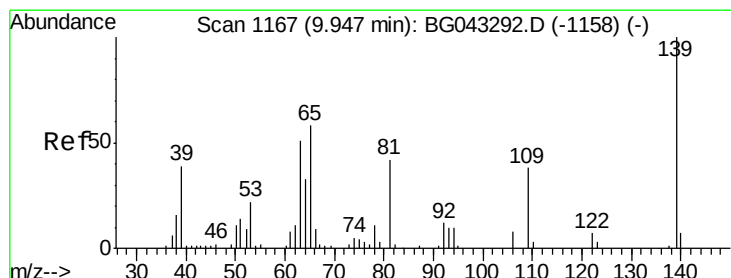
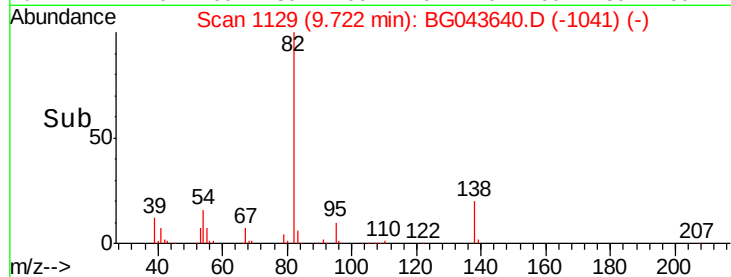
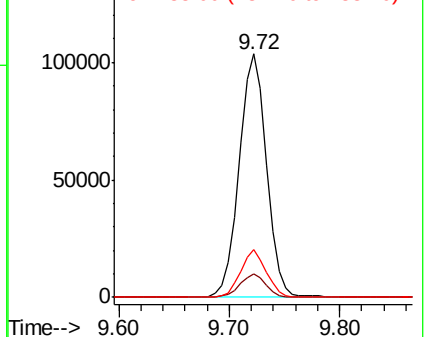
138 19.7 15.2 22.8



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: 51.762 ng

RT: 9.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

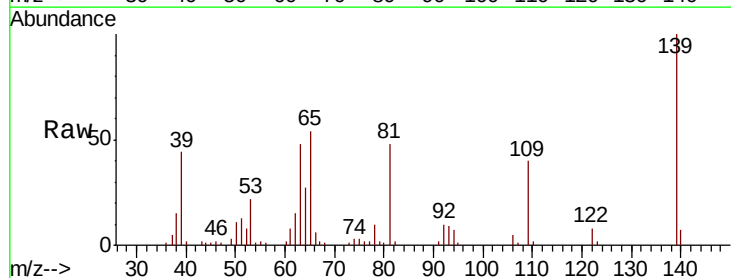
Tgt Ion: 139 Resp: 49778

Ion Ratio Lower Upper

139 100

109 39.8 26.5 39.7#

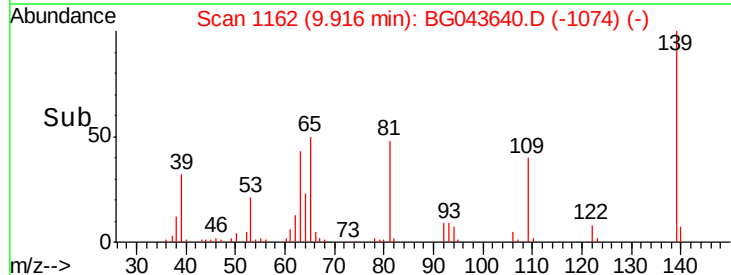
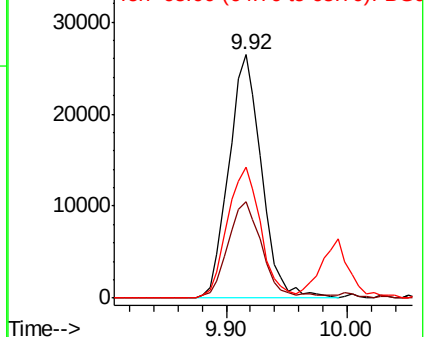
65 53.9 43.8 65.8

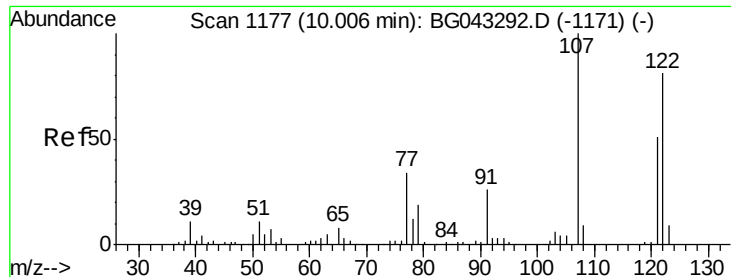


Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

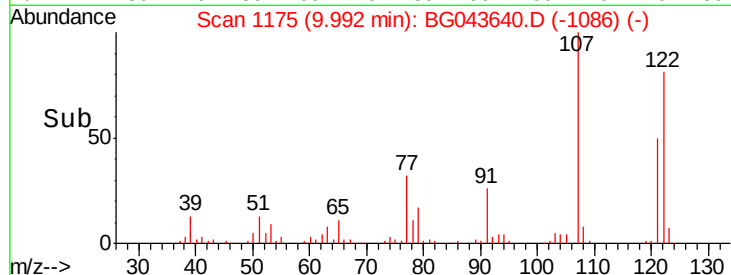
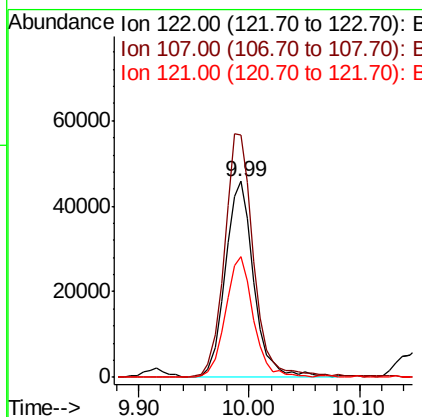
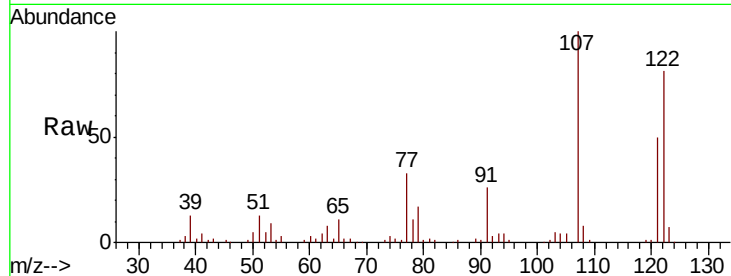




#27
 2,4-Dimethylphenol
 Concen: 59.992 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG043640.D
 Acq: 14 Nov 2019 19:09

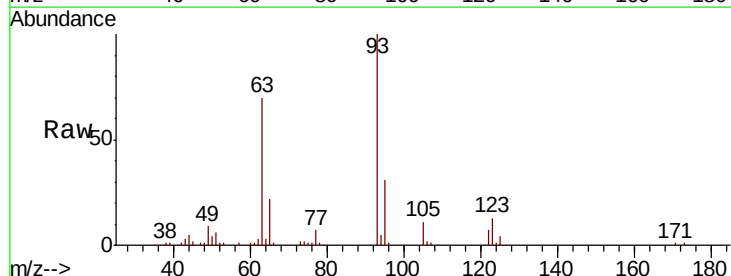
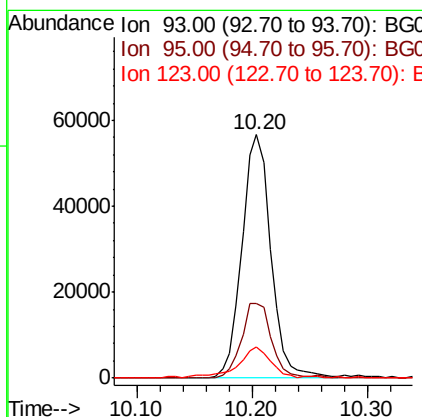
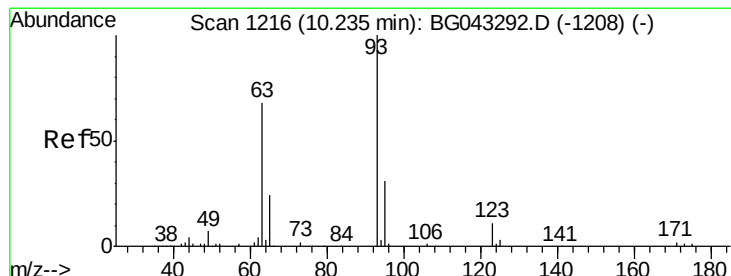
Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MSD

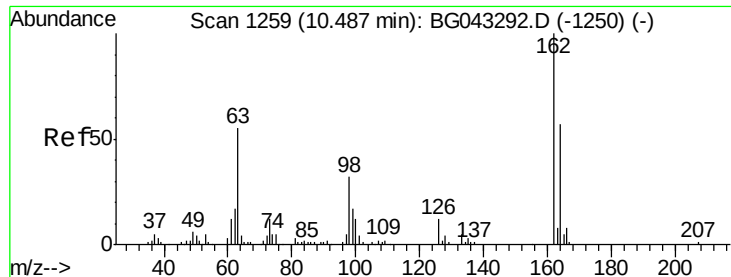
Tot Ion:122 Resp: 82689
 Ion Ratio Lower Upper
 122 100
 107 123.8 104.4 156.6
 121 61.5 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.968 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BG043640.D
 Acq: 14 Nov 2019 19:09

Tgt Ion: 93 Resp: 99100
 Ion Ratio Lower Upper
 93 100
 95 30.6 26.0 39.0
 123 12.6 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 53.918 ng

RT: 10.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

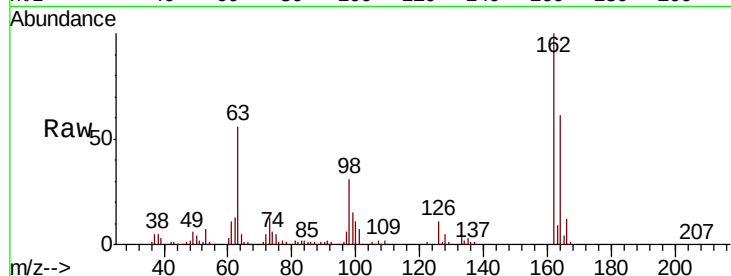
Tot Ion:162 Resp: 95220

Ion Ratio Lower Upper

162 100

164 61.2 48.9 88.9

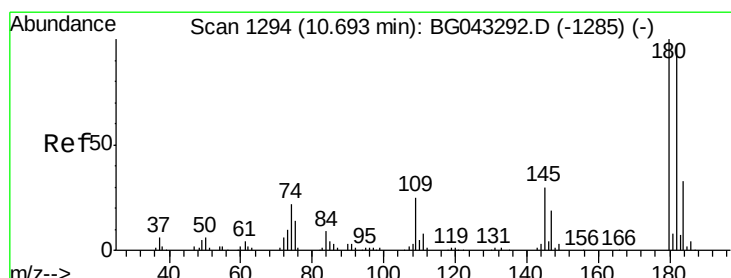
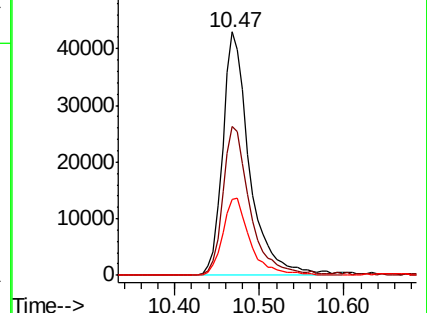
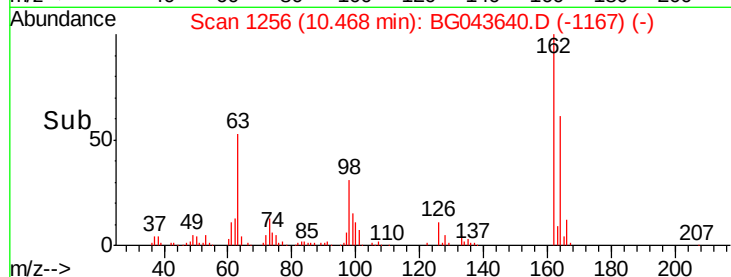
98 31.2 15.1 55.1



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 47.014 ng

RT: 10.66 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

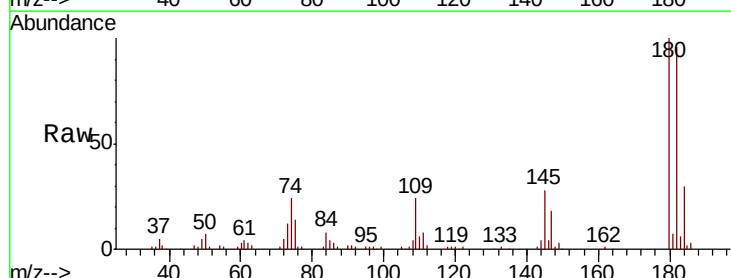
Tgt Ion:180 Resp: 104644

Ion Ratio Lower Upper

180 100

182 95.9 75.1 112.7

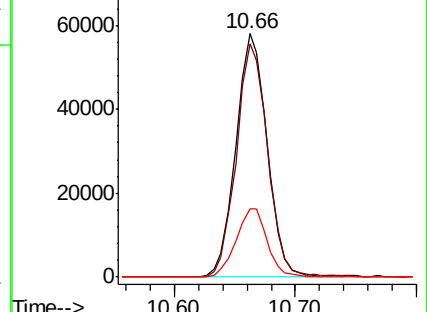
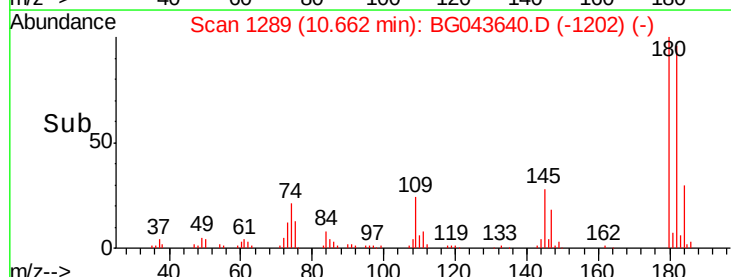
145 28.1 23.9 35.9

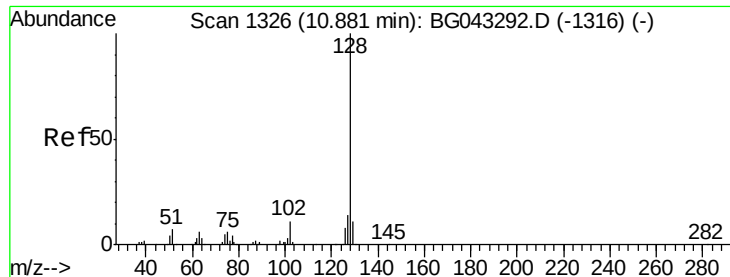


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

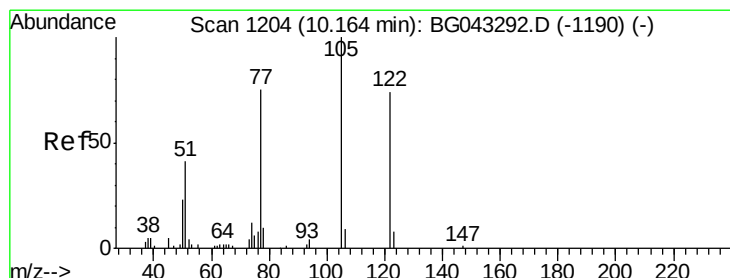
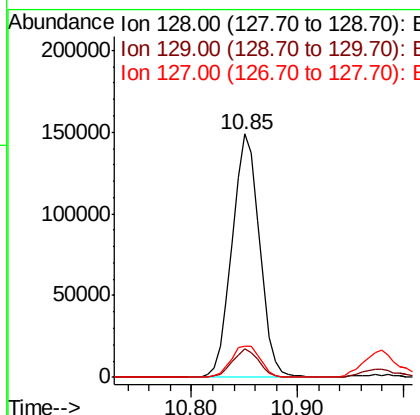
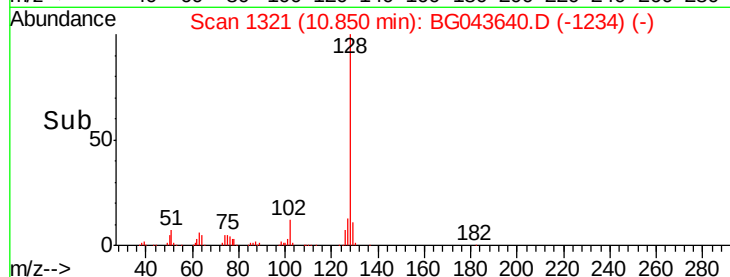
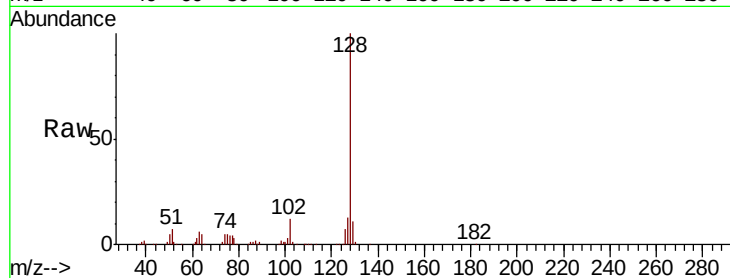




#31
Naphthalene
Concen: 48.847 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

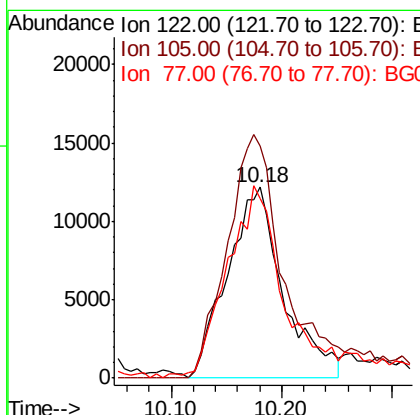
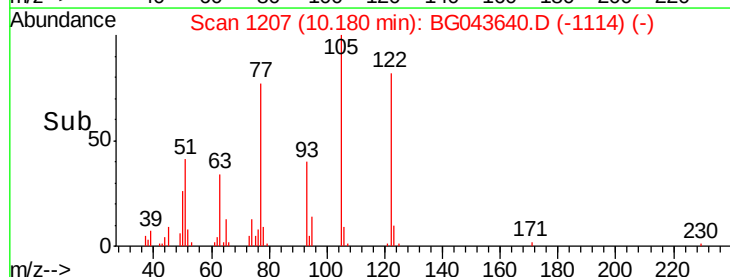
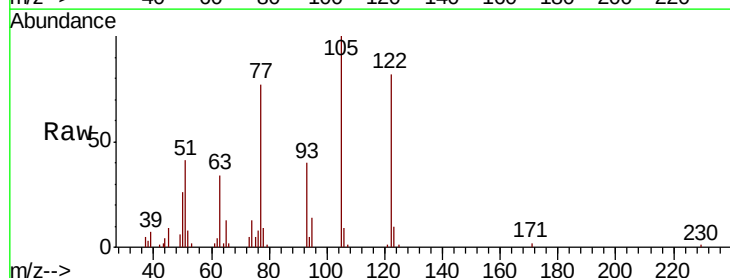
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

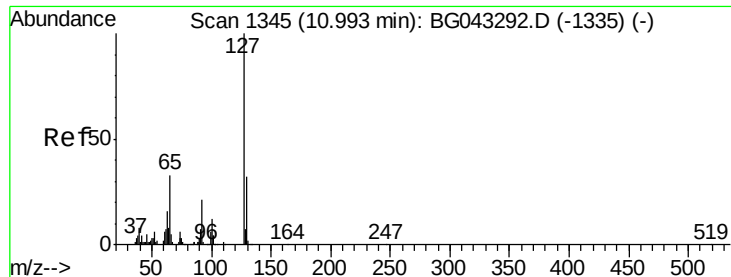
Tot Ion:128 Resp: 267287
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.0 11.1 16.7



#32
Benzoic acid
Concen: 42.094 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

Tgt Ion:122 Resp: 42857
Ion Ratio Lower Upper
122 100
105 121.5 103.3 143.3
77 94.0 84.9 124.9

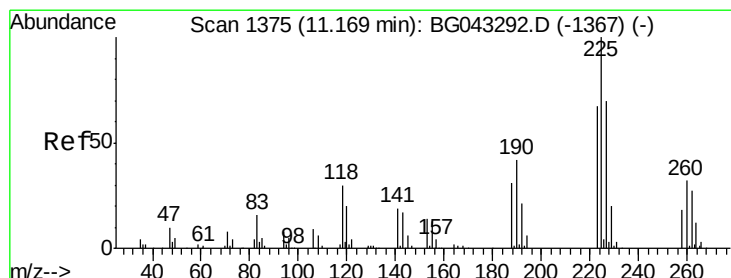
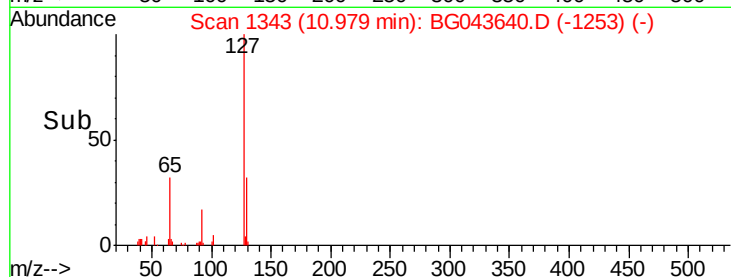
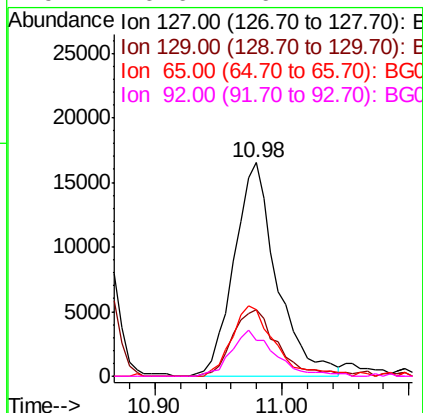
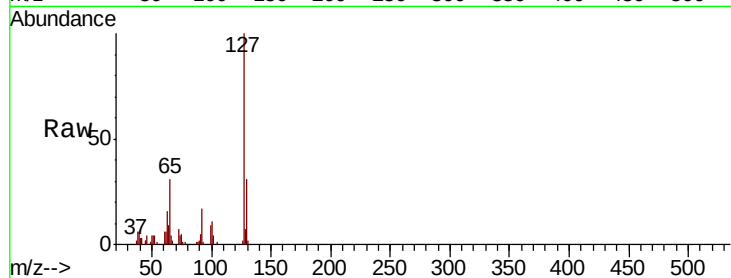




#33
4-Chloroaniline
Concen: 17.208 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

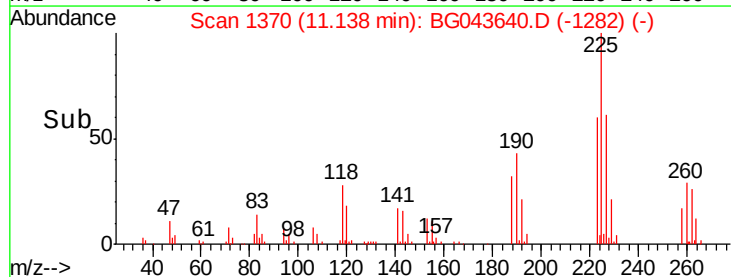
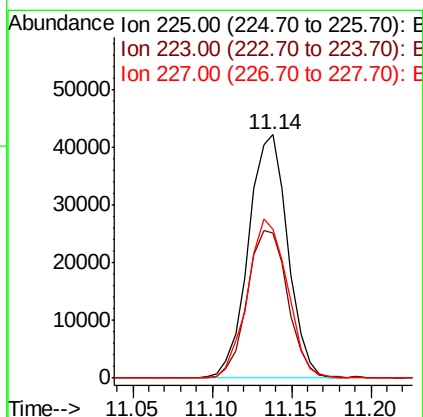
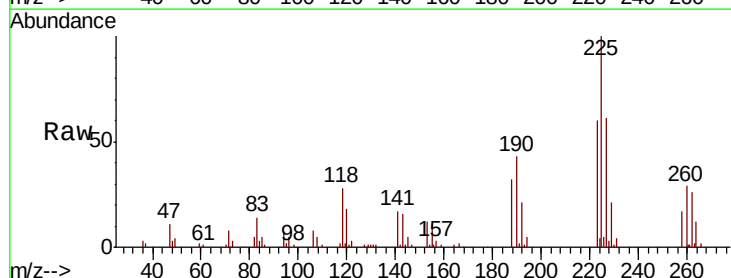
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

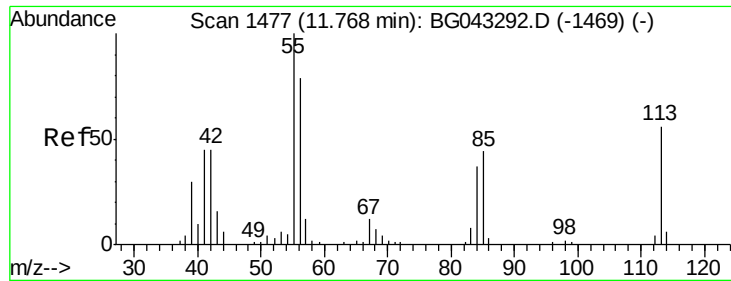
Tot Ion:	127	Resp:	38598
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.5	39.7
65	31.2	26.4	39.6
92	16.6	16.2	24.2



#34
Hexachlorobutadiene
Concen: 44.279 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

Tgt Ion:	225	Resp:	72856
Ion	Ratio	Lower	Upper
225	100		
223	59.6	52.7	79.1
227	60.9	54.8	82.2

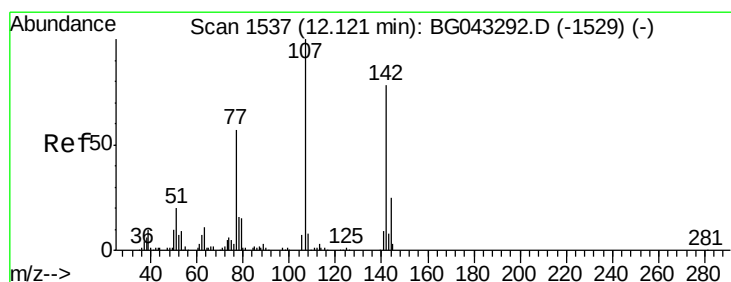
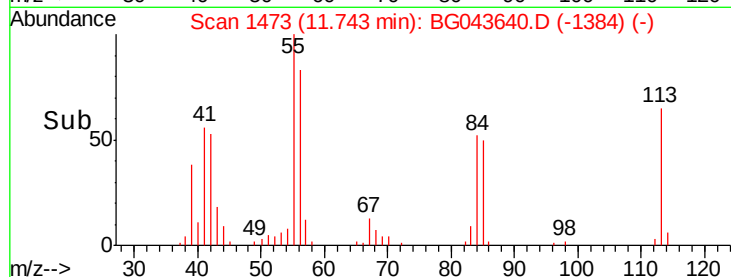
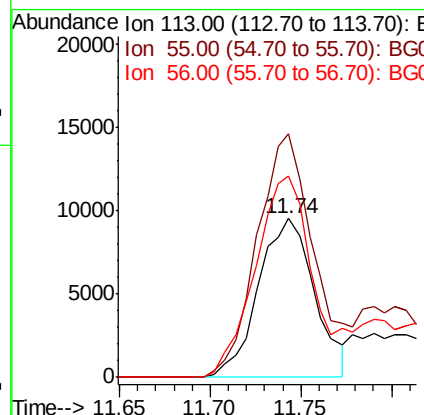
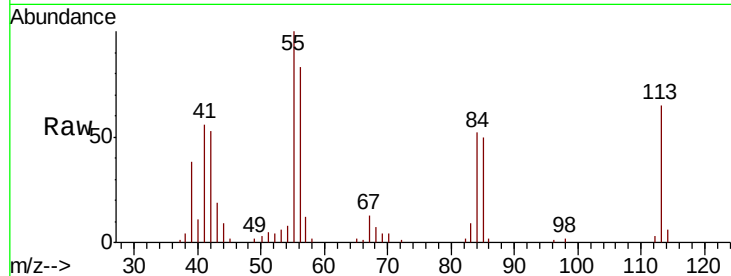




#35
 Caprolactam
 Concen: 33.690 ng
 RT: 11.74 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BG043640.D
 Acq: 14 Nov 2019 19:09

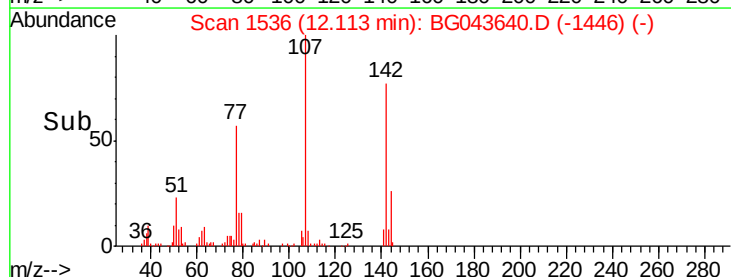
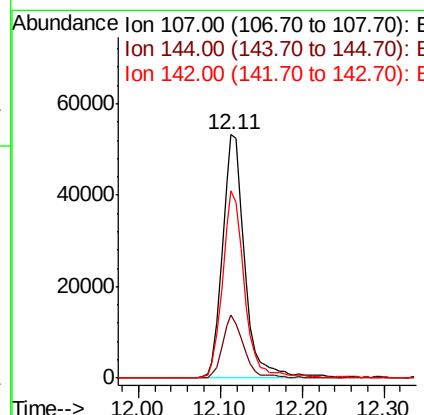
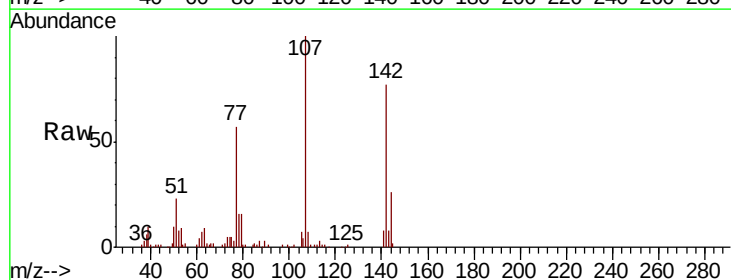
Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MSD

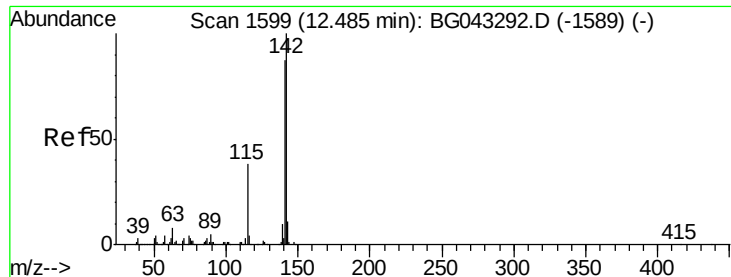
Tot Ion:113 Resp: 20491
 Ion Ratio Lower Upper
 113 100
 55 153.1 134.1 174.1
 56 126.6 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 52.461 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG043640.D
 Acq: 14 Nov 2019 19:09

Tgt Ion:107 Resp: 101058
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.9 31.3
 142 77.1 59.6 89.4

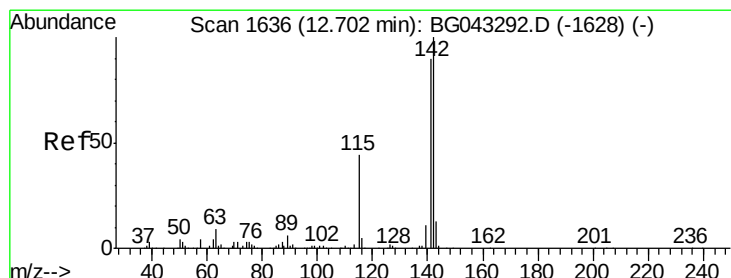
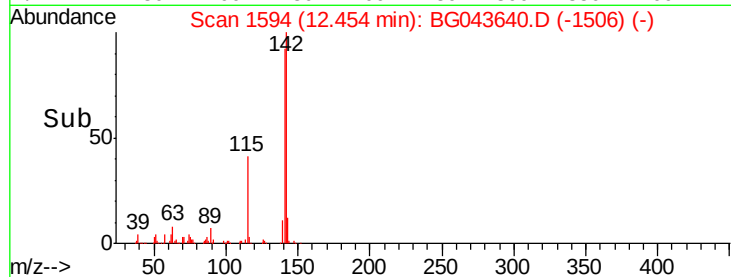
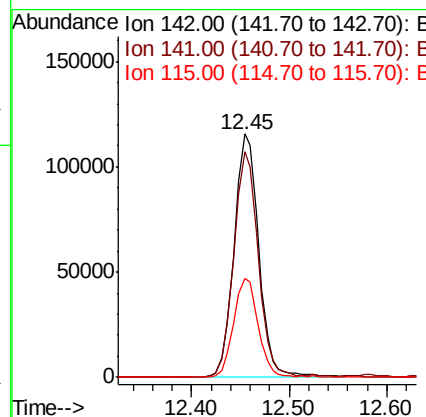
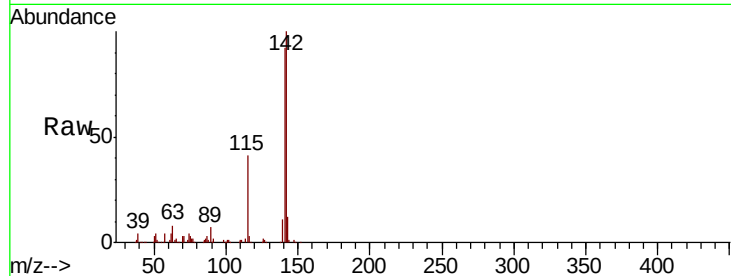




#37
2-Methylnaphthalene
Concen: 48.566 ng
RT: 12.45 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

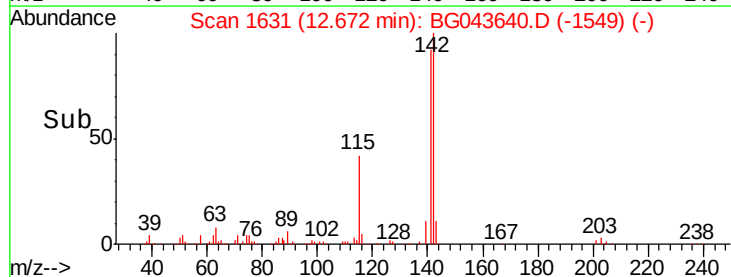
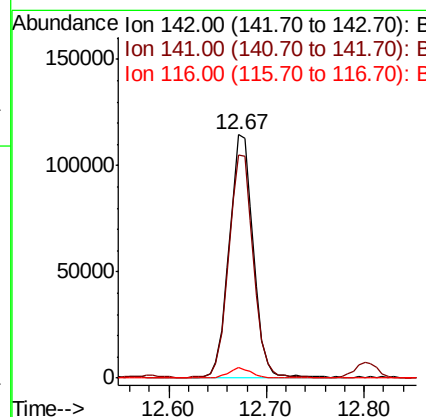
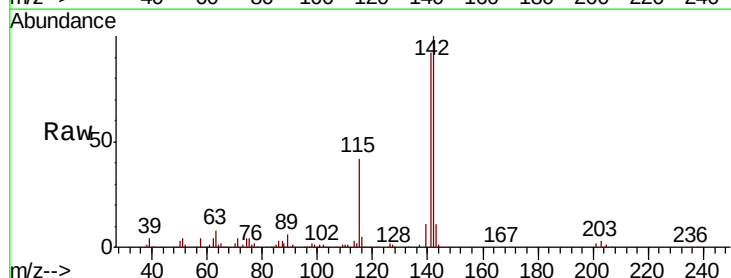
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

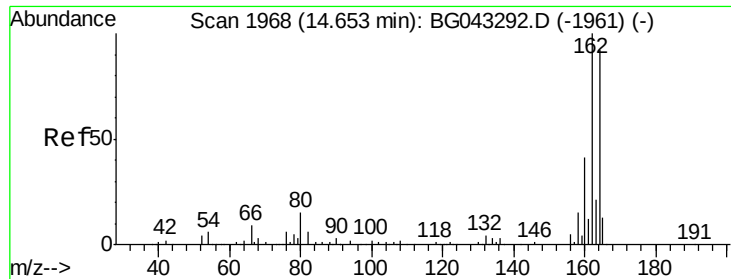
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.2	108.2
115	40.6	33.2	49.8



#38
1-Methylnaphthalene
Concen: 48.788 ng
RT: 12.67 min Scan# 1631
Delta R.T. -0.02 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.2	109.8
116	4.6	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

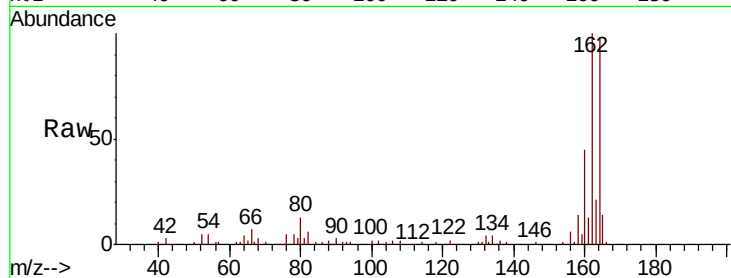
Tot Ion:164 Resp: 78915

Ion Ratio Lower Upper

164 100

162 102.2 83.5 125.3

160 45.8 36.5 54.7

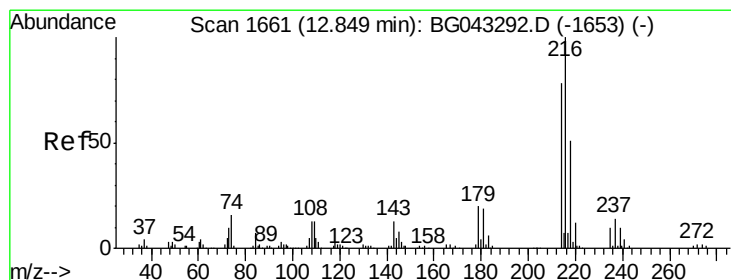
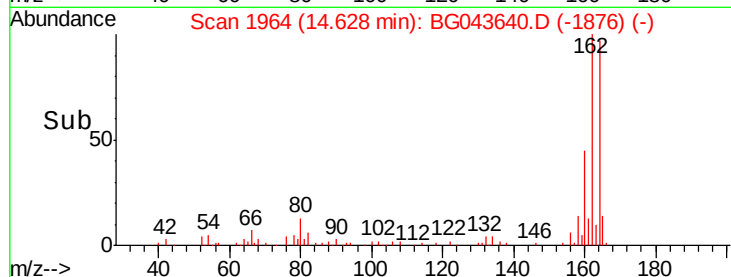
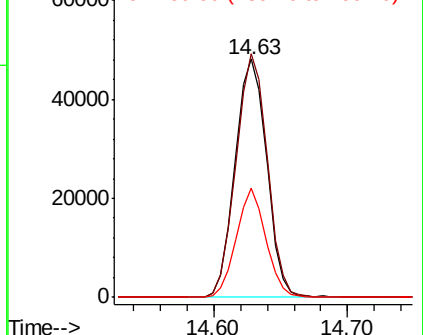


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.899 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Tgt Ion:216 Resp: 134049

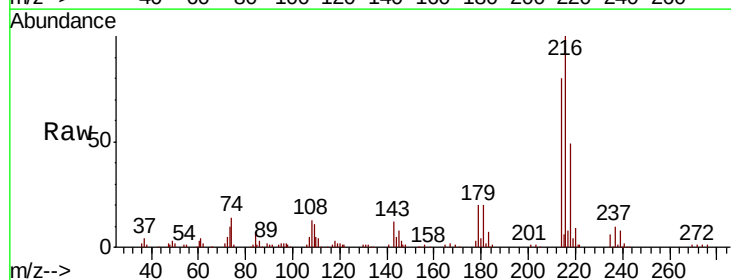
Ion Ratio Lower Upper

216 100

214 78.0 61.7 92.5

179 19.8 15.8 23.8

108 15.1 11.5 17.3



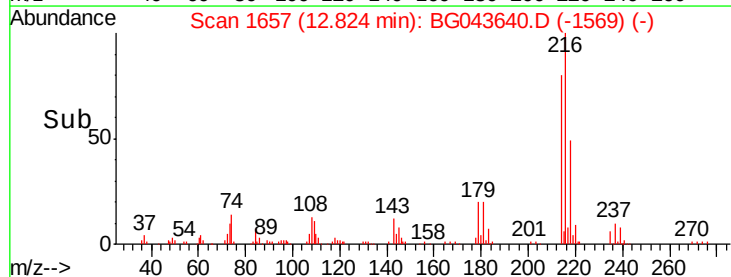
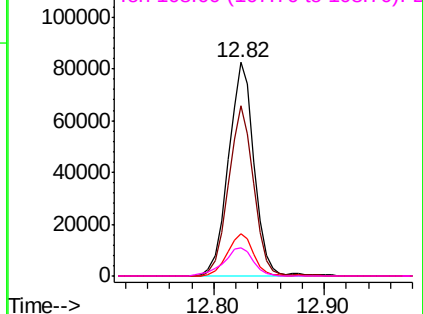
Abundance

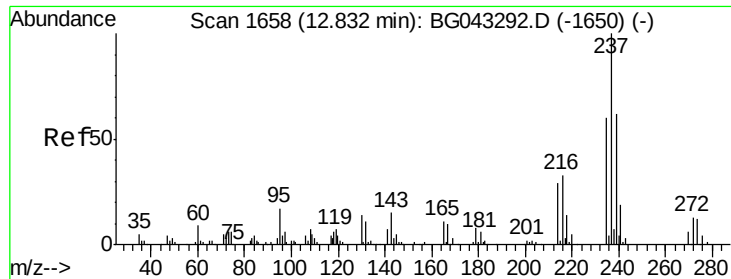
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

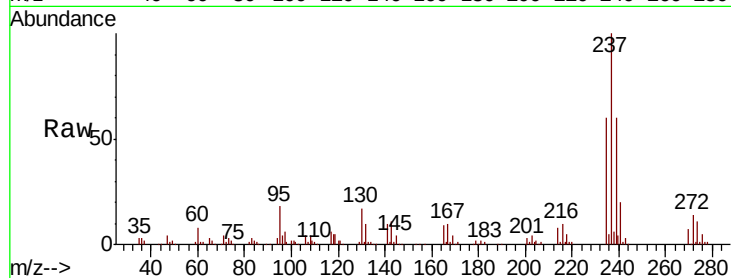




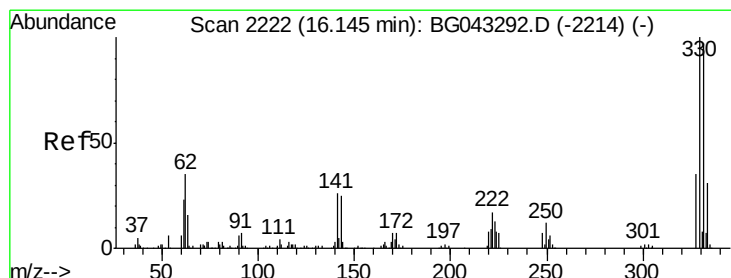
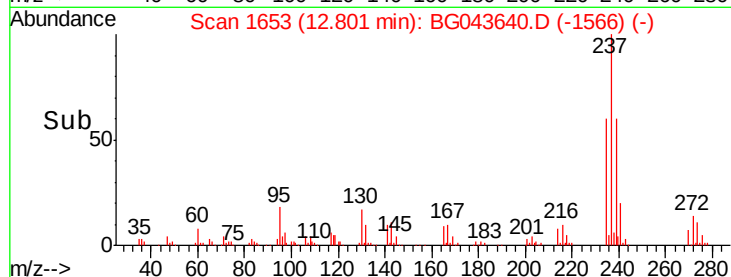
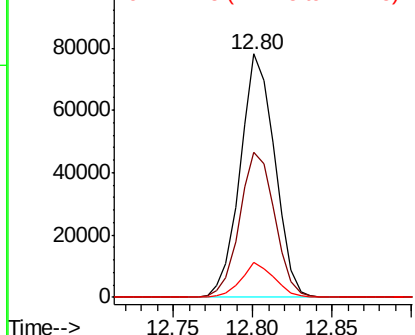
#41
Hexachlorocyclopentadiene
Concen: 76.956 ng
RT: 12.80 min Scan# 1653
Delta R.T. -0.02 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion:237 Resp: 118064
Ion Ratio Lower Upper
237 100
235 59.7 41.6 81.6
272 14.1 0.0 32.5

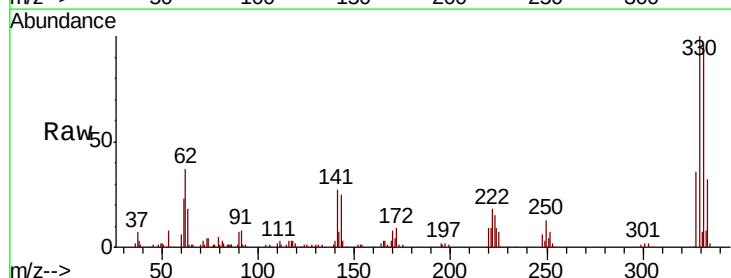


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

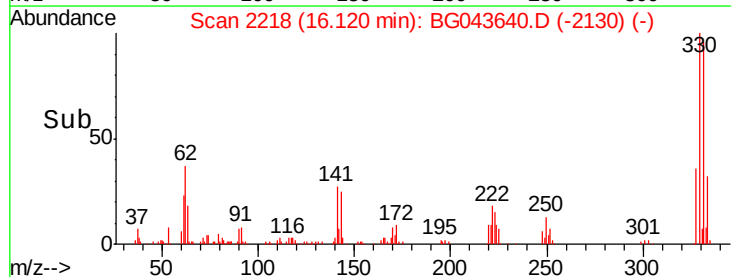
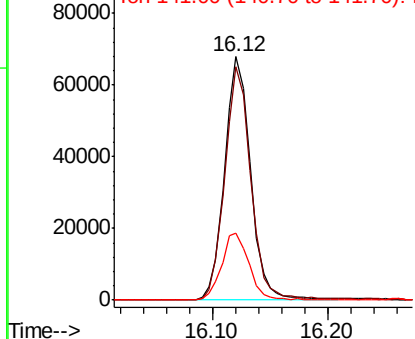


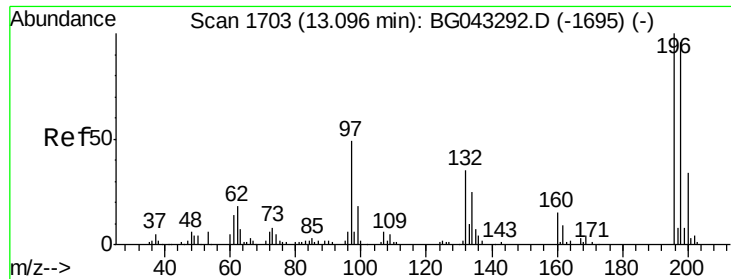
#42
2,4,6-Tribromophenol
Concen: 70.626 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

Tgt Ion:330 Resp: 106063
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 28.8 22.8 34.2



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

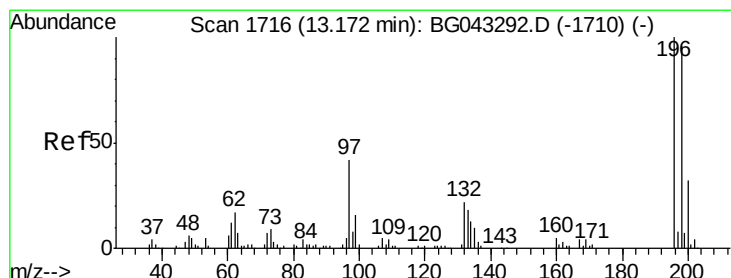
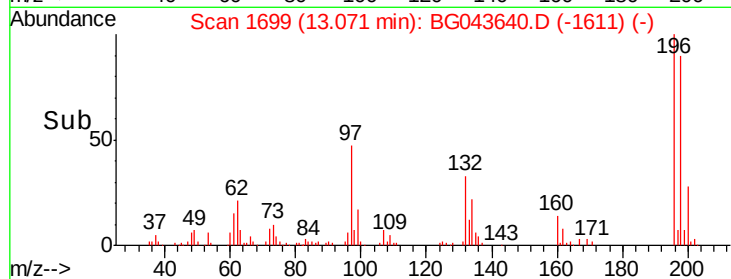
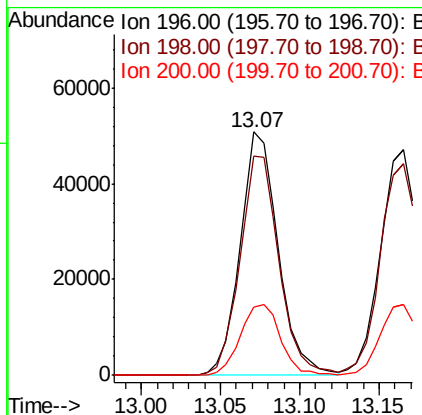
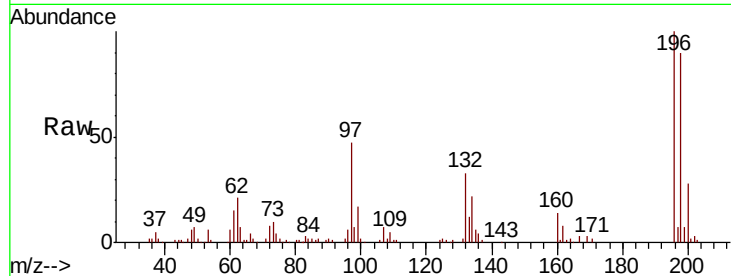




#43
 2,4,6-Trichlorophenol
 Concen: 49.354 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG043640.D
 Acq: 14 Nov 2019 19:09

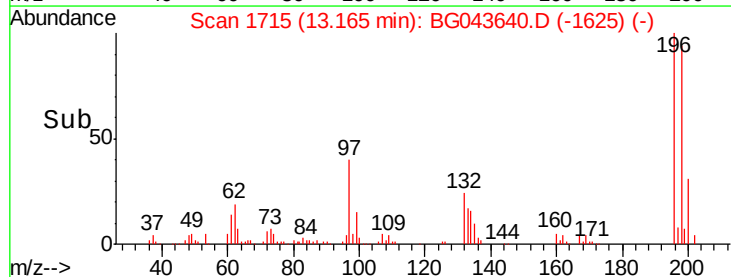
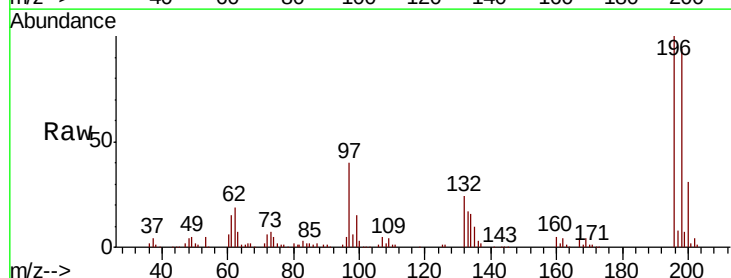
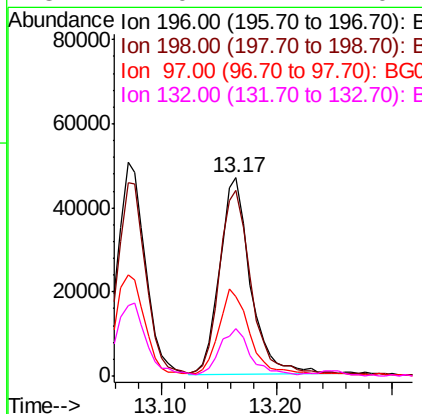
Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MSD

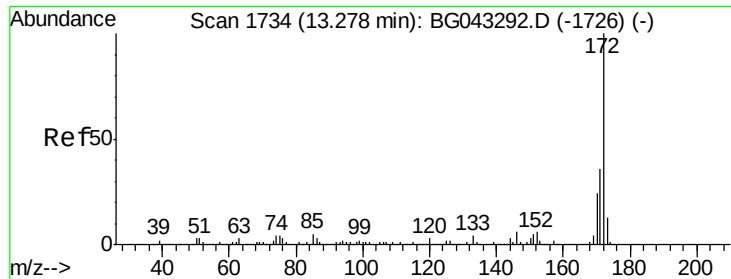
Tot Ion:196 Resp: 84886
 Ion Ratio Lower Upper
 196 100
 198 90.2 75.8 113.6
 200 28.0 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 49.599 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043640.D
 Acq: 14 Nov 2019 19:09

Tgt Ion:196 Resp: 86243
 Ion Ratio Lower Upper
 196 100
 198 93.7 74.5 111.7
 97 40.0 36.3 54.5
 132 24.0 17.4 26.2

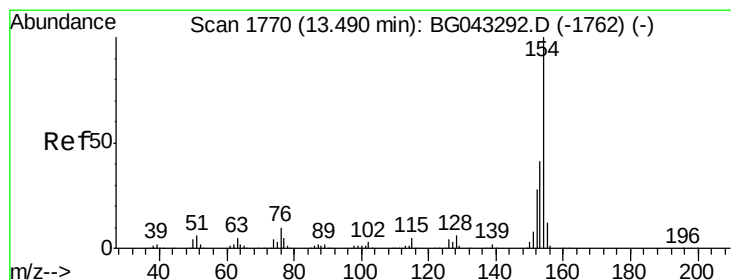
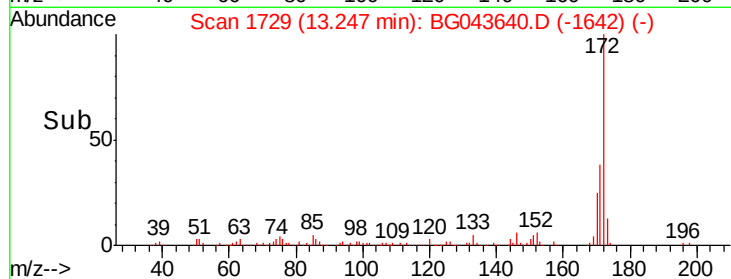
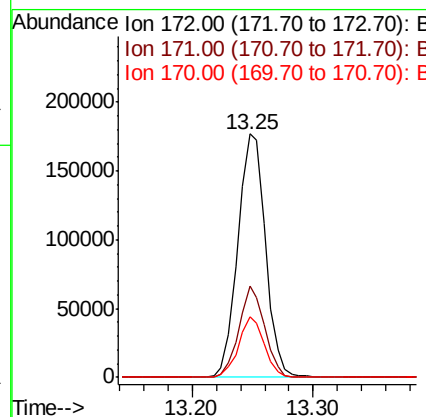
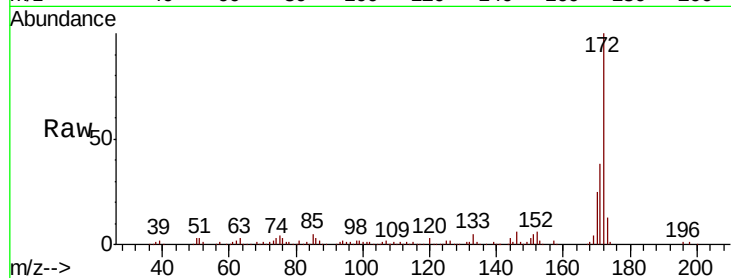




#45
2-Fluorobiphenyl
Concen: 49.539 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

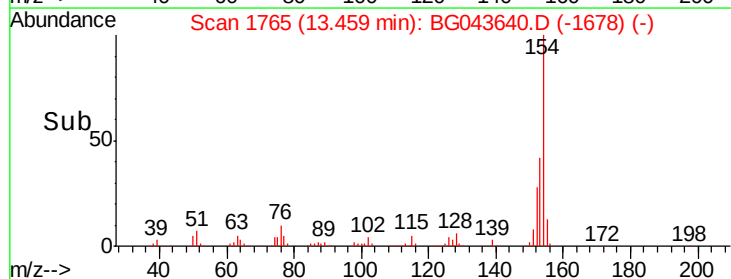
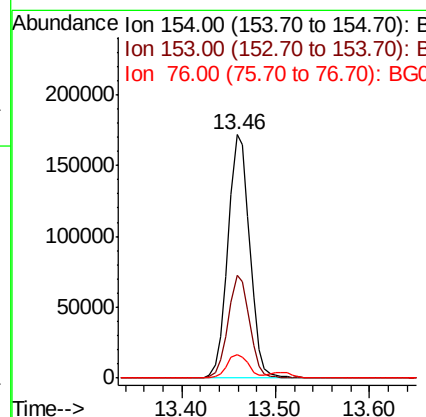
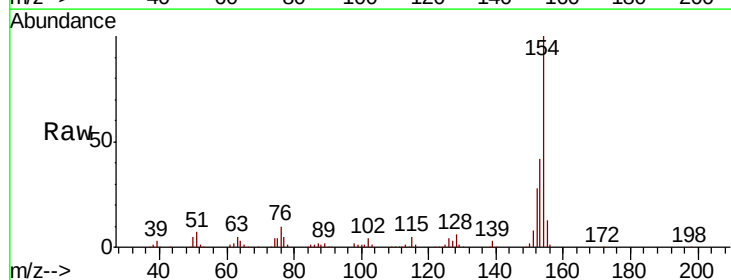
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

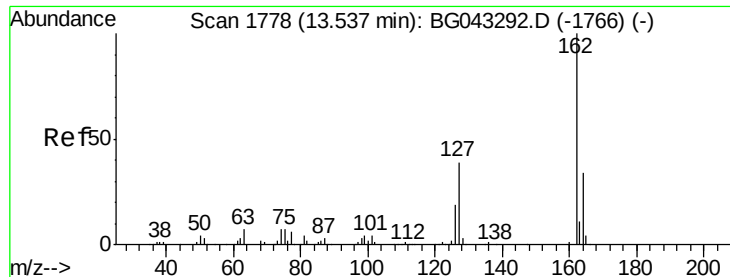
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.9	43.3
170	24.7	18.5	27.7



#46
1,1'-Biphenyl
Concen: 46.348 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	19.9	59.9
76	9.8	0.0	29.4

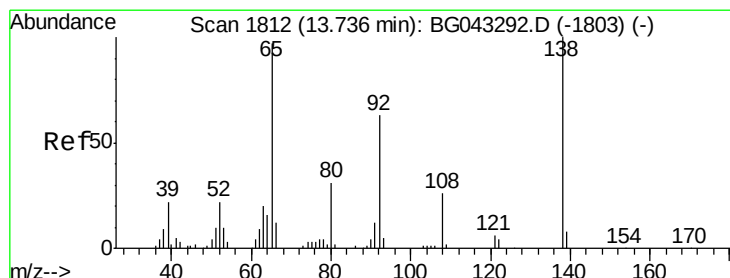
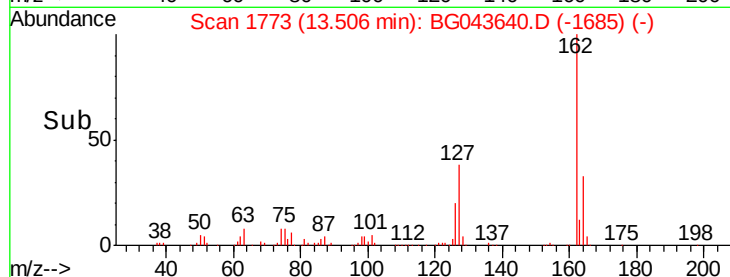
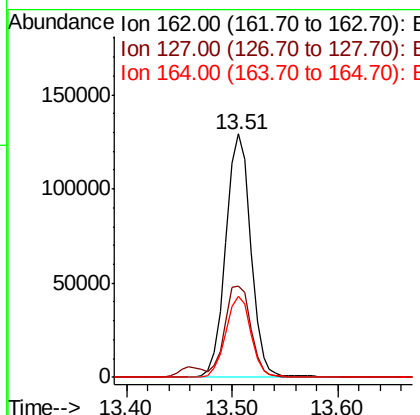
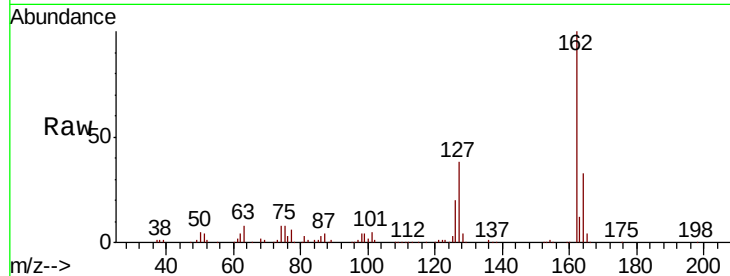




#47
 2-Chloronaphthalene
 Concen: 46.365 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BG043640.D
 Acq: 14 Nov 2019 19:09

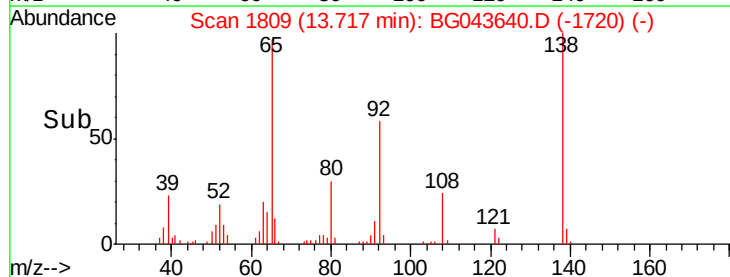
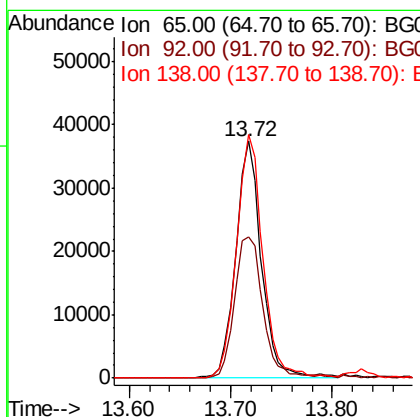
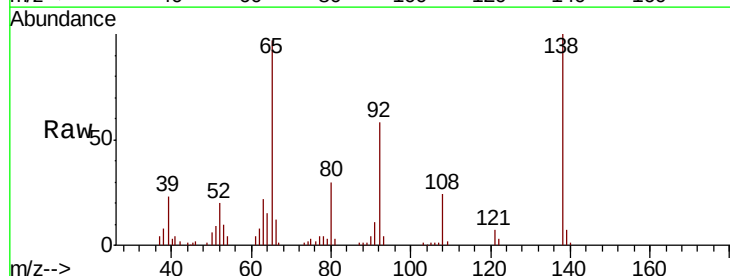
Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MSD

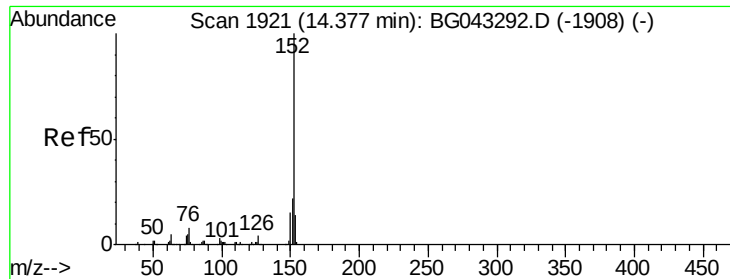
Tot Ion:162 Resp: 211787
 Ion Ratio Lower Upper
 162 100
 127 37.8 31.2 46.8
 164 33.5 25.8 38.8



#48
 2-Nitroaniline
 Concen: 48.254 ng
 RT: 13.72 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BG043640.D
 Acq: 14 Nov 2019 19:09

Tgt Ion: 65 Resp: 65878
 Ion Ratio Lower Upper
 65 100
 92 59.6 56.2 84.2
 138 102.7 82.6 123.8





#49

Acenaphthylene

Concen: 49.370 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

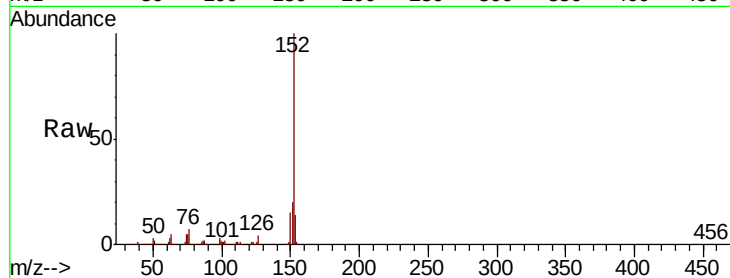
Tot Ion:152 Resp: 350977

Ion Ratio Lower Upper

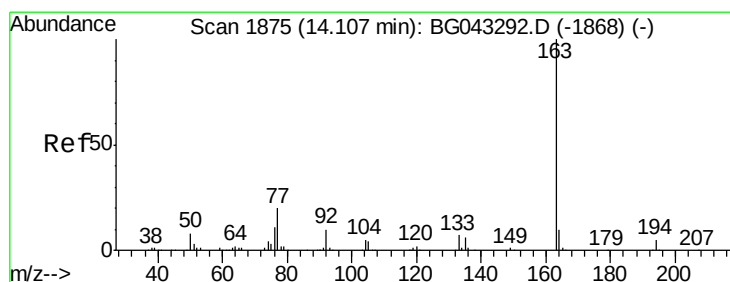
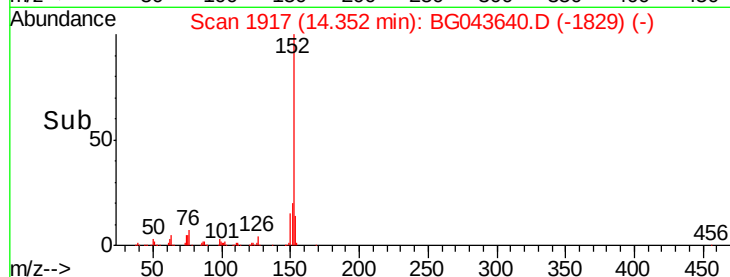
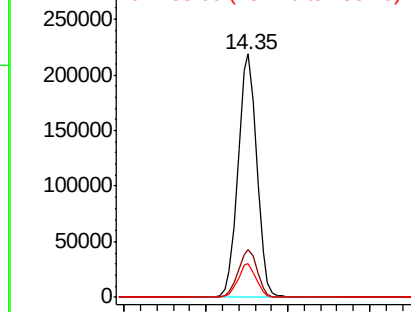
152 100

151 19.6 16.2 24.4

153 13.8 10.6 15.8



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: 52.777 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

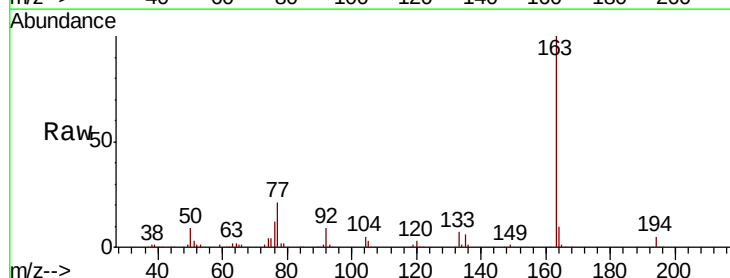
Tgt Ion:163 Resp: 322603

Ion Ratio Lower Upper

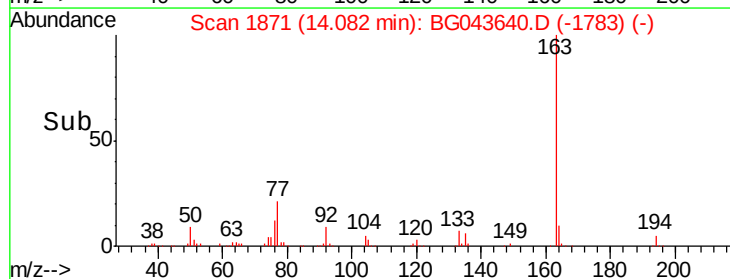
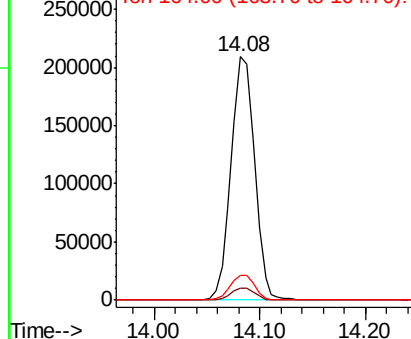
163 100

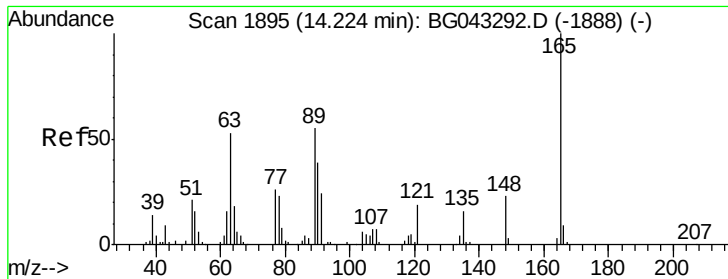
194 5.1 3.8 5.6

164 10.2 8.9 13.3



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

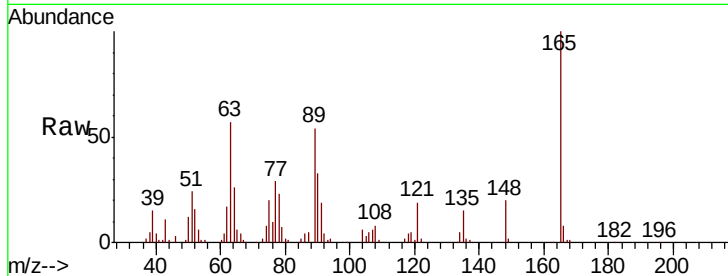




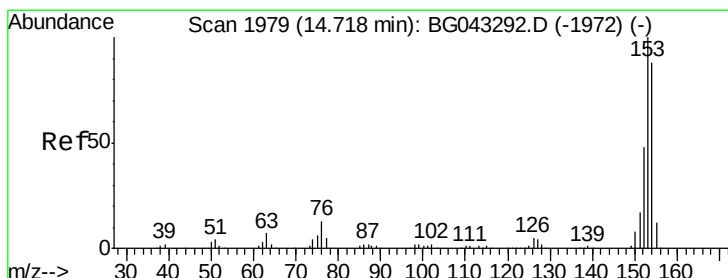
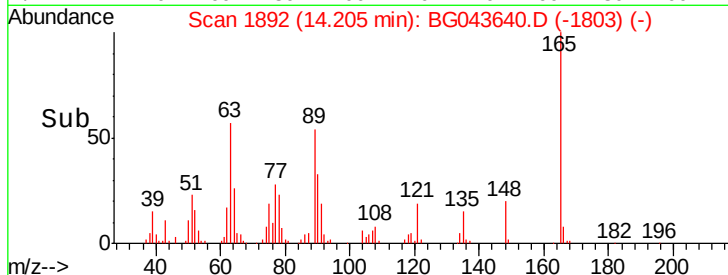
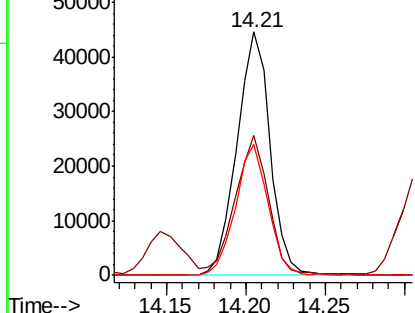
#51
2,6-Dinitrotoluene
Concen: 48.506 ng
RT: 14.21 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion:165 Resp: 64413
Ion Ratio Lower Upper
165 100
63 57.4 46.6 69.8
89 54.0 45.1 67.7

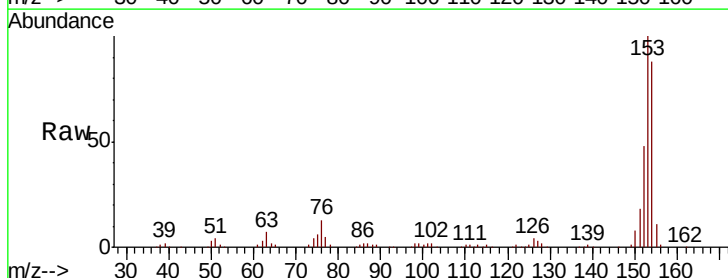


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

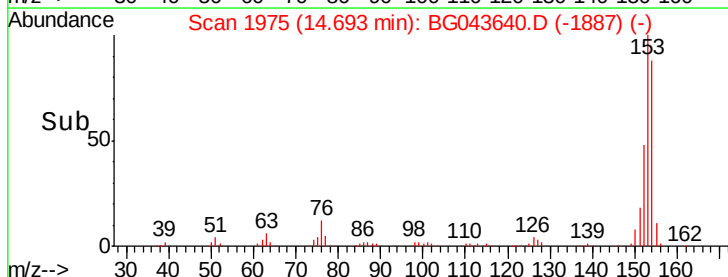
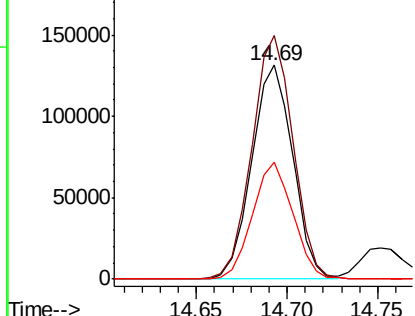


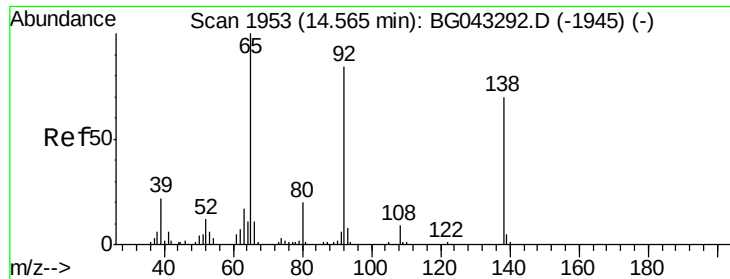
#52
Acenaphthene
Concen: 47.714 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

Tgt Ion:154 Resp: 206860
Ion Ratio Lower Upper
154 100
153 114.0 88.2 132.2
152 54.4 40.0 60.0



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





#53

3-Nitroaniline

Concen: 25.169 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

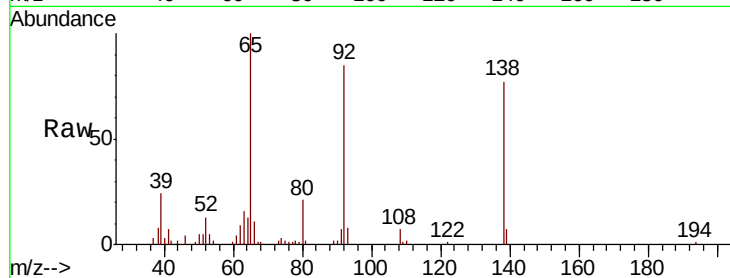
Tot Ion:138 Resp: 32269

Ion Ratio Lower Upper

138 100

108 9.2 8.0 12.0

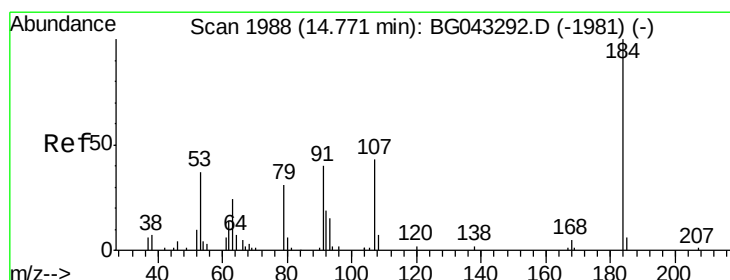
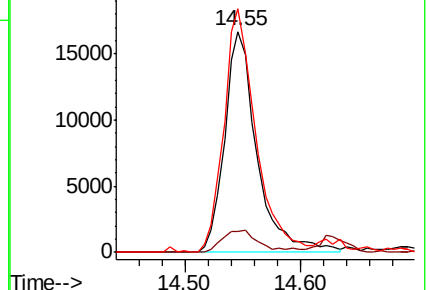
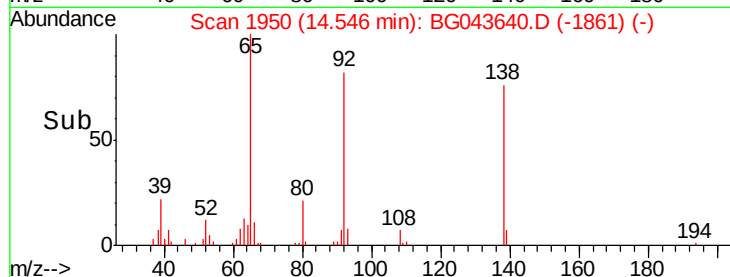
92 110.3 90.9 136.3



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: 73.565 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

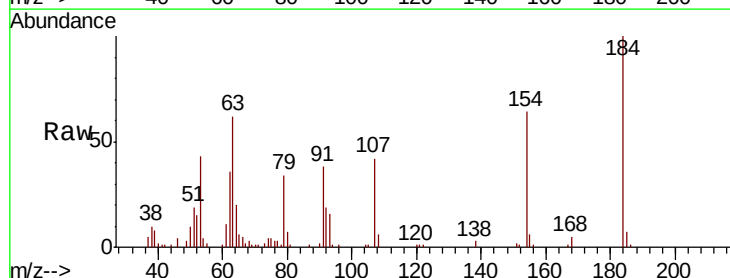
Tgt Ion:184 Resp: 60468

Ion Ratio Lower Upper

184 100

63 62.3 51.3 76.9

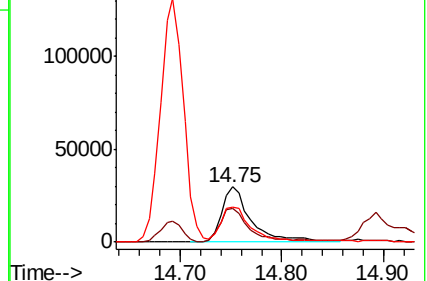
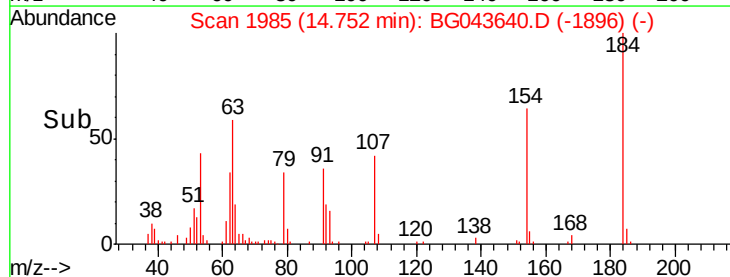
154 64.2 55.4 83.0

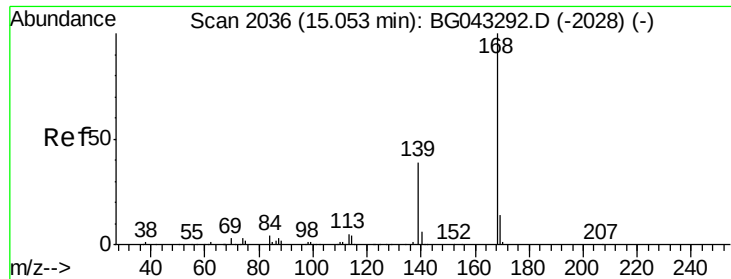


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

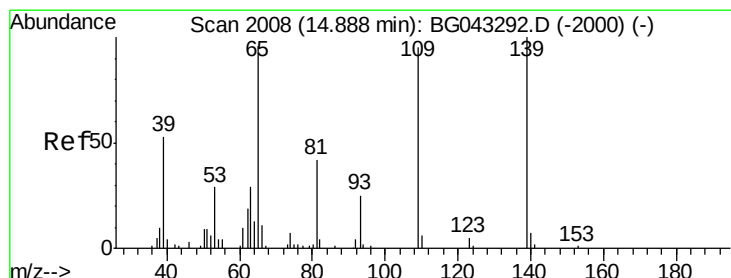
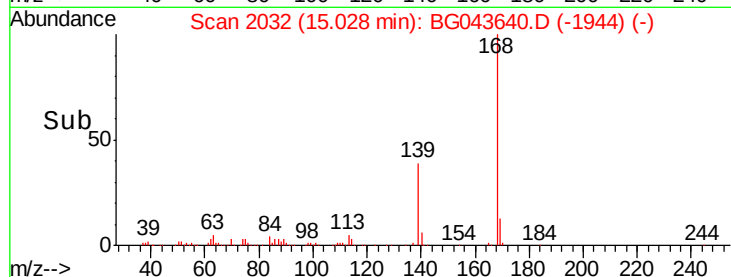
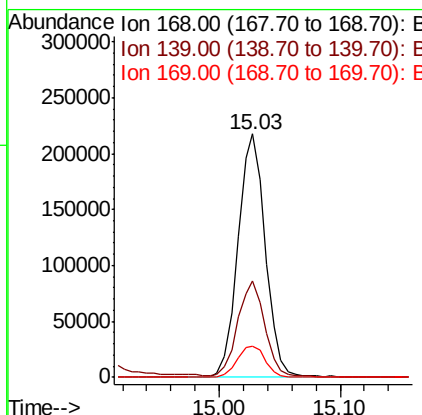
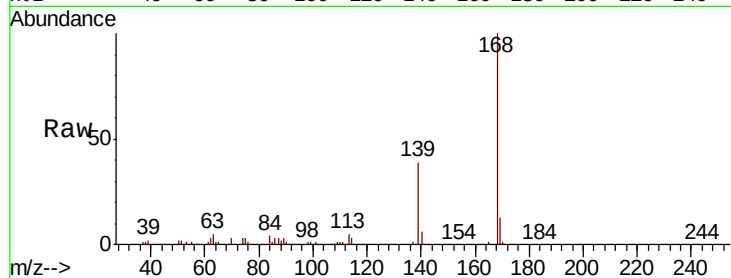




#55
Dibenzenofuran
Concen: 48.783 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

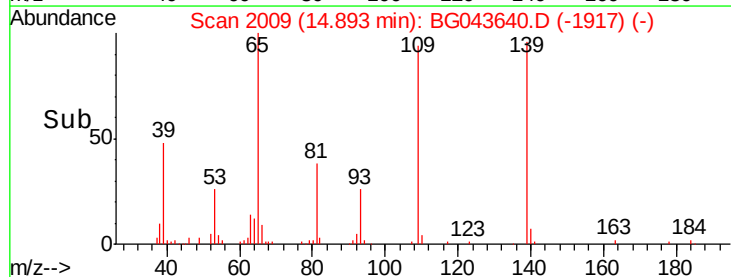
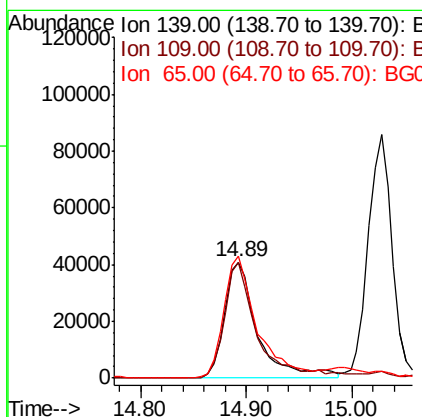
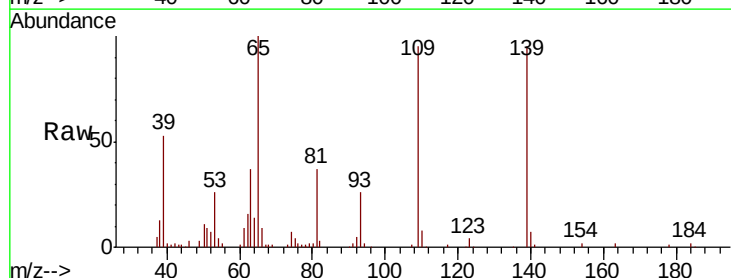
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

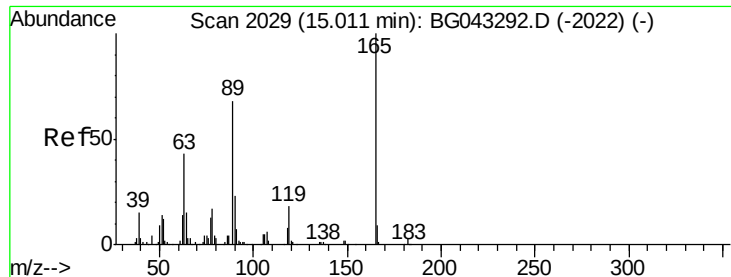
Tot Ion:168 Resp: 342974
Ion Ratio Lower Upper
168 100
139 39.4 31.0 46.6
169 13.0 11.7 17.5



#56
4-Nitrophenol
Concen: 103.321 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

Tgt Ion:139 Resp: 88770
Ion Ratio Lower Upper
139 100
109 99.4 87.2 127.2
65 104.8 83.8 123.8

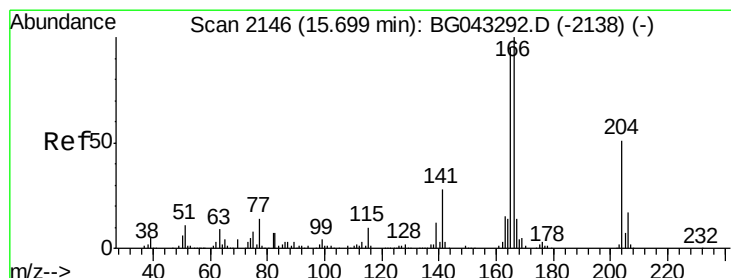
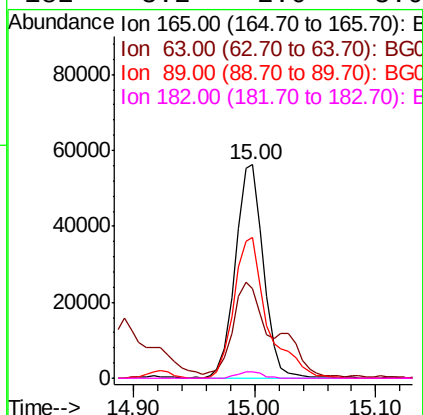
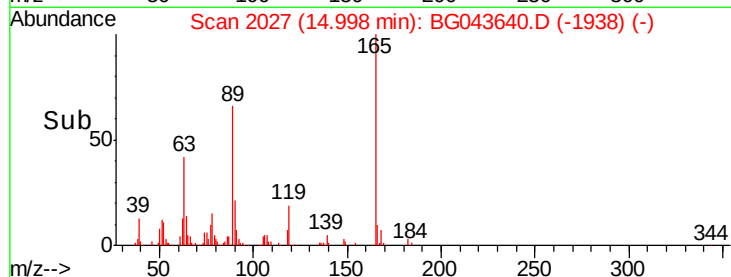
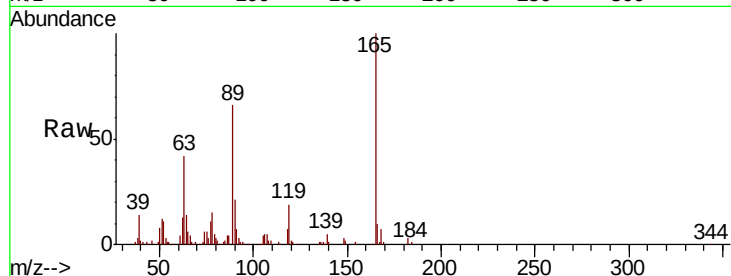




#57
2,4-Dinitrotoluene
Concen: 48.151 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

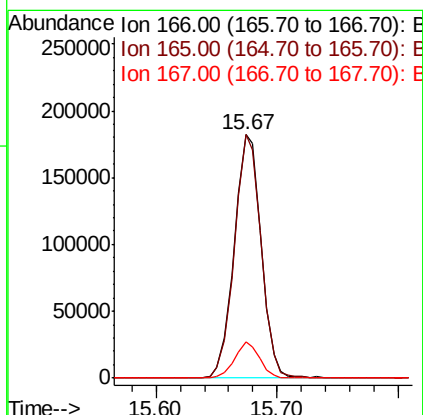
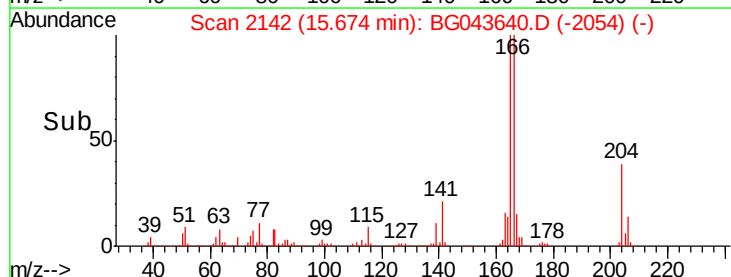
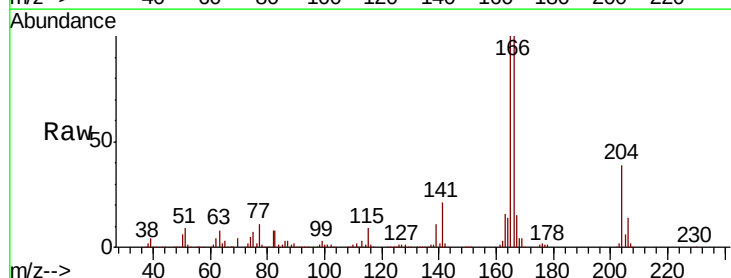
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

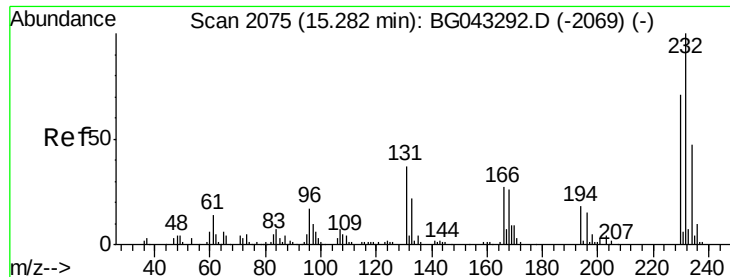
Tot Ion:165 Resp: 91380
Ion Ratio Lower Upper
165 100
63 42.1 33.2 49.8
89 65.8 52.2 78.4
182 3.2 2.0 3.0#



#58
Fluorene
Concen: 48.115 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

Tgt Ion:166 Resp: 283720
Ion Ratio Lower Upper
166 100
165 99.8 79.0 118.6
167 15.1 10.5 15.7

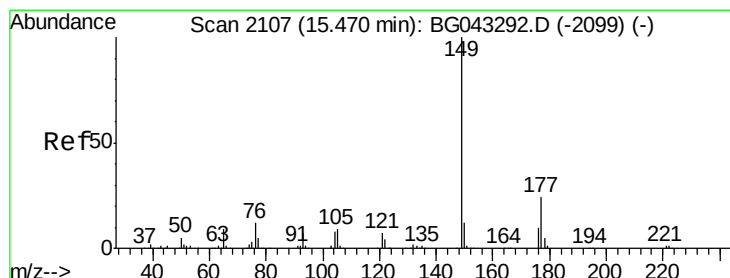
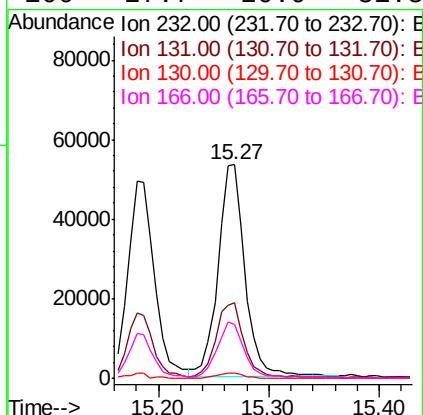
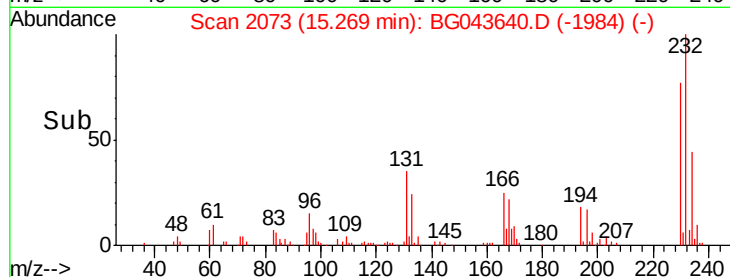
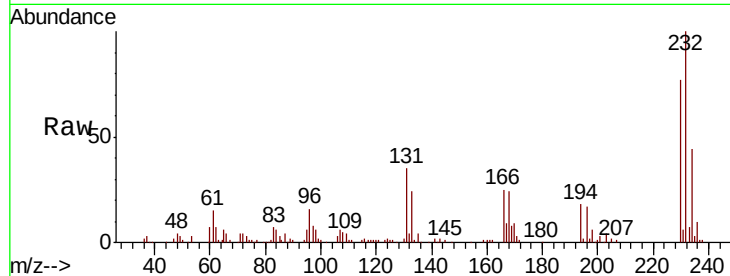




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.041 ng
RT: 15.27 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

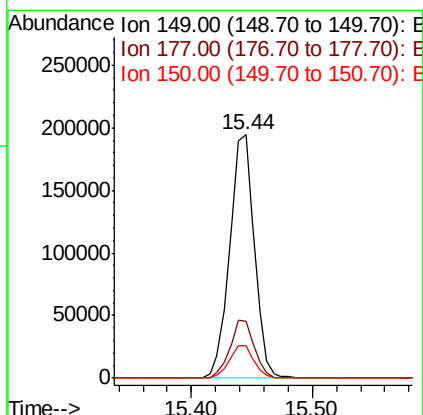
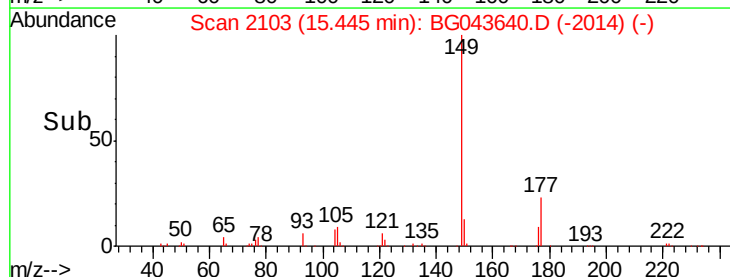
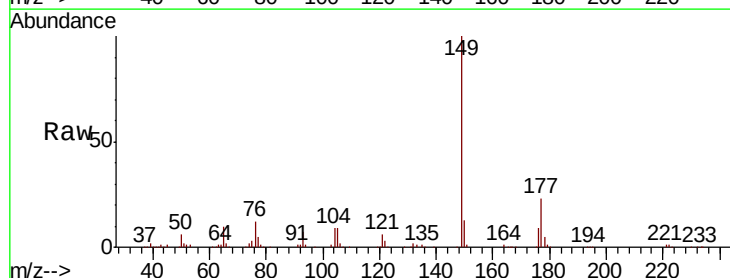
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

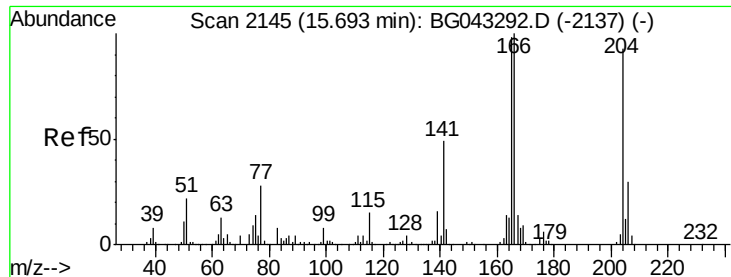
Tot Ion:232 Resp: 90598
Ion Ratio Lower Upper
232 100
131 35.0 26.9 40.3
130 2.2 1.8 2.6
166 27.7 20.9 31.3



#60
Diethylphthalate
Concen: 45.030 ng
RT: 15.44 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

Tgt Ion:149 Resp: 276562
Ion Ratio Lower Upper
149 100
177 23.5 19.6 29.4
150 13.3 10.8 16.2

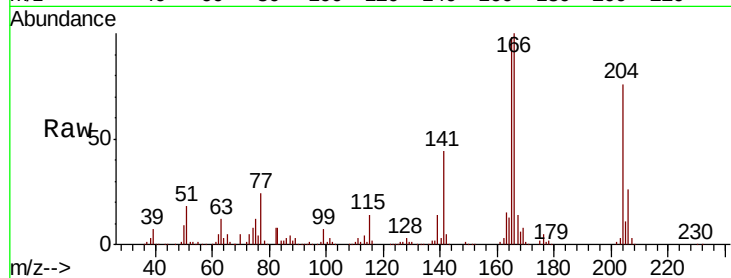




#61
 4-Chlorophenyl-phenylether
 Concen: 46.740 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG043640.D
 Acq: 14 Nov 2019 19:09

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	28.4	42.6
141	57.7	43.0	64.6

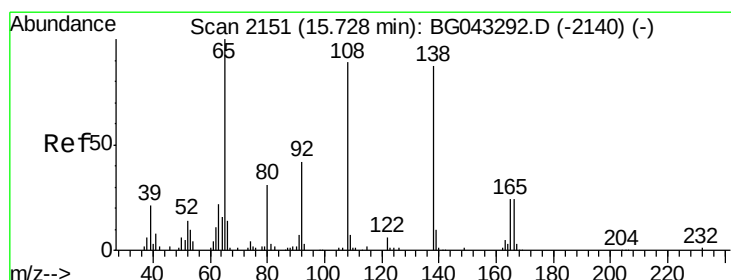
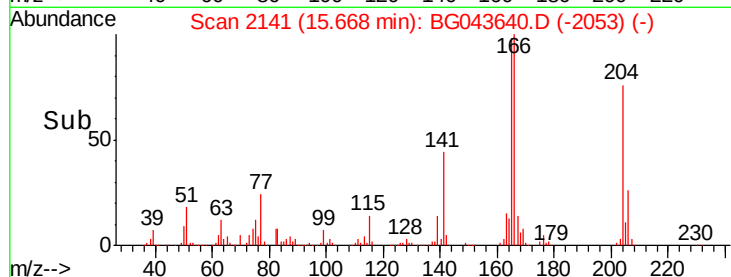
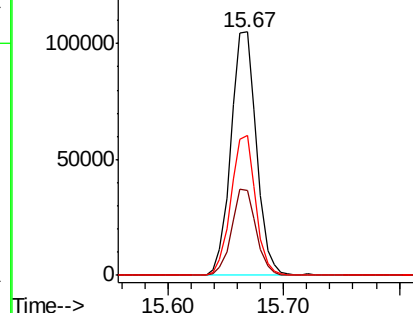


Abundance

Ion 204.00 (203.70 to 204.70): E

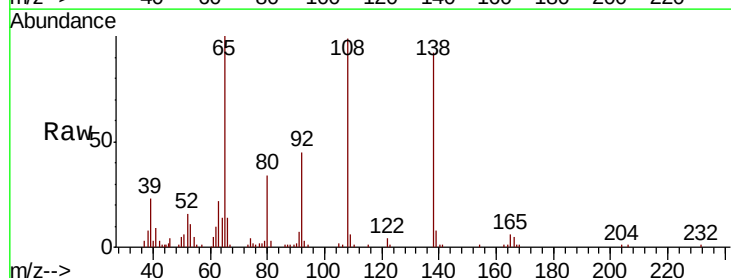
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 45.785 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG043640.D
 Acq: 14 Nov 2019 19:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	33.4	73.4
108	107.6	78.0	118.0

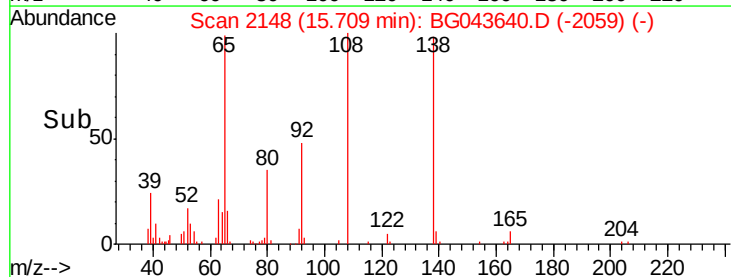
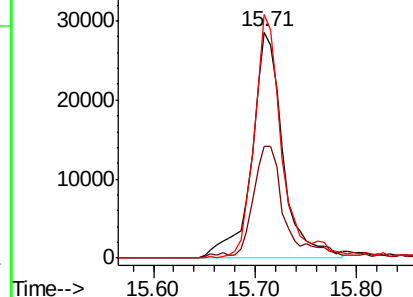


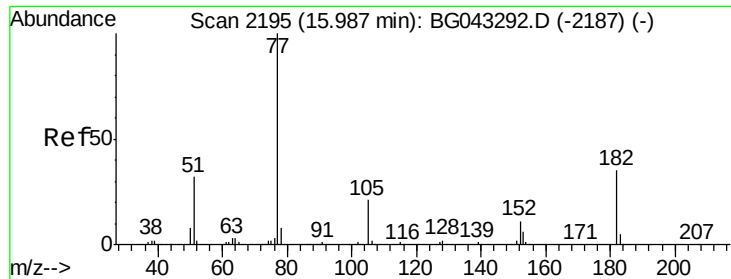
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

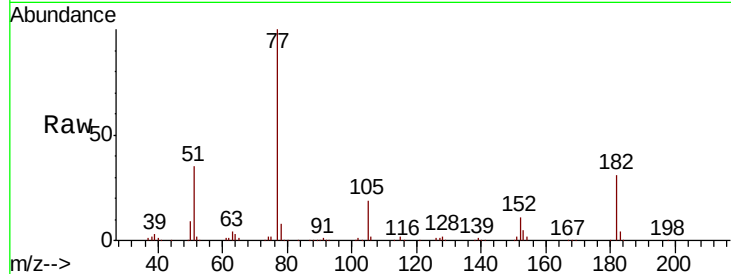




#63
Azobenzene
Concen: 48.258 ng
RT: 15.96 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.9	13.7	53.7
105	19.0	0.4	40.4
51	35.0	11.0	51.0



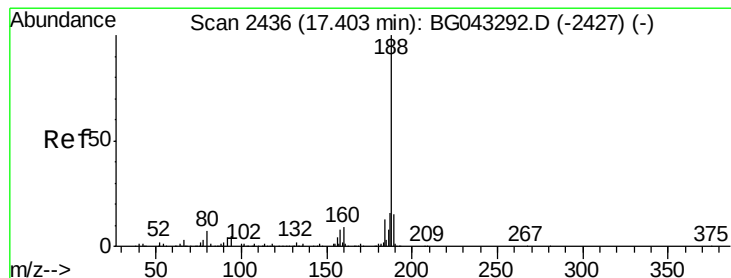
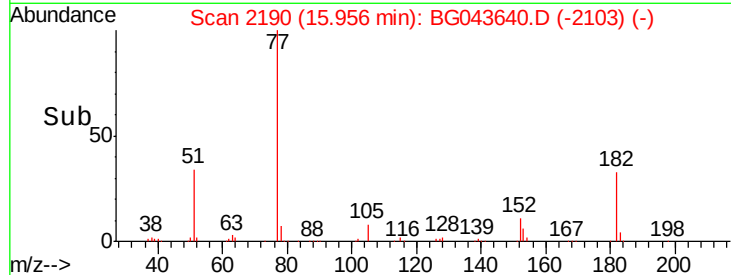
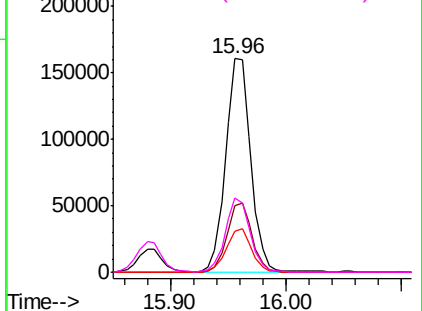
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

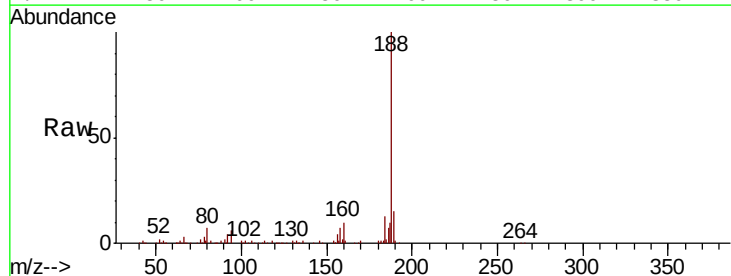
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.2	6.4
80	6.8	4.5	6.7#

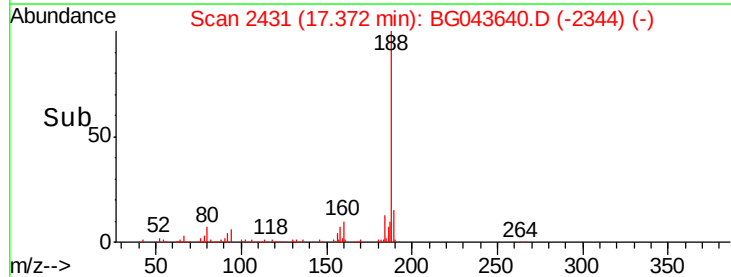
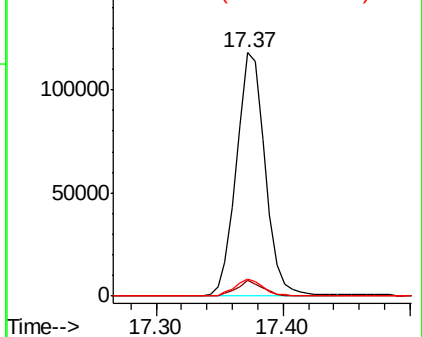


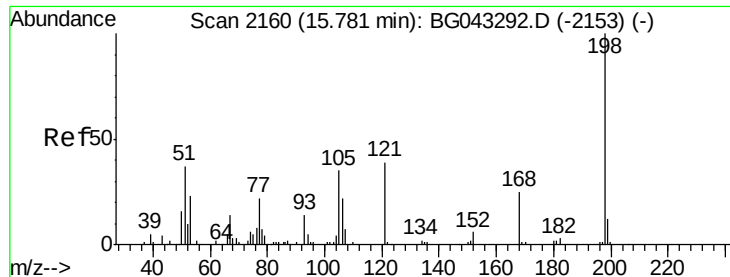
Abundance

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

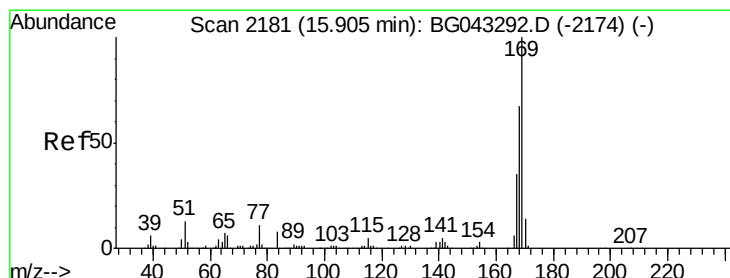
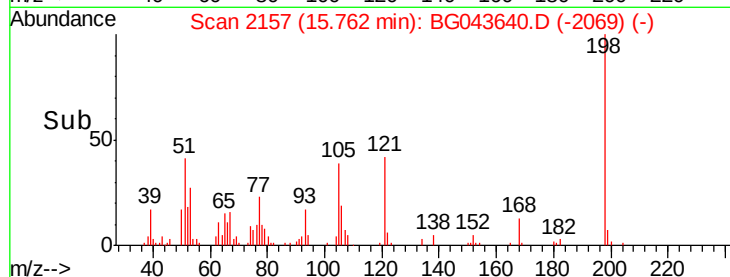
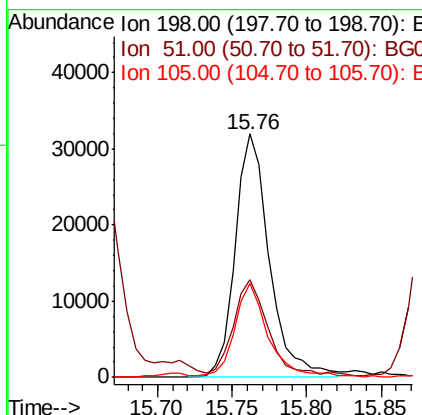
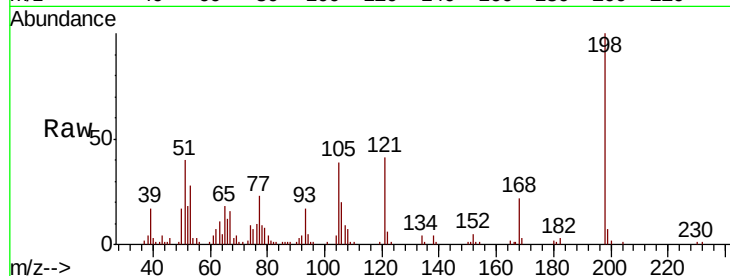




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.675 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG043640.D
 Acq: 14 Nov 2019 19:09

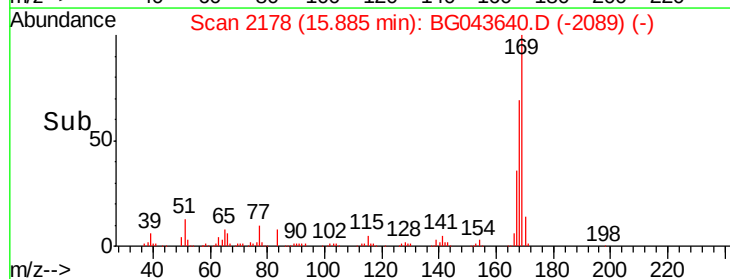
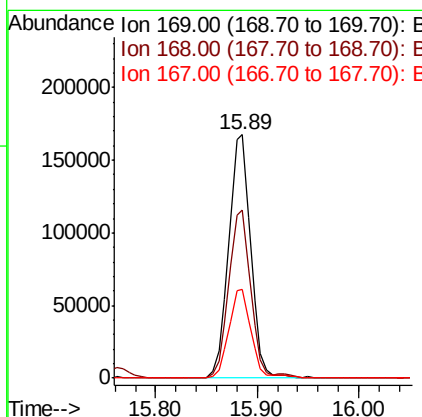
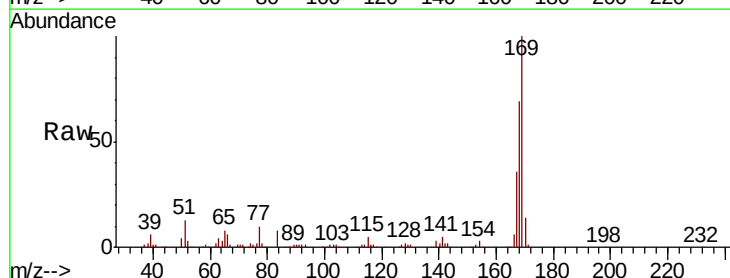
Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MSD

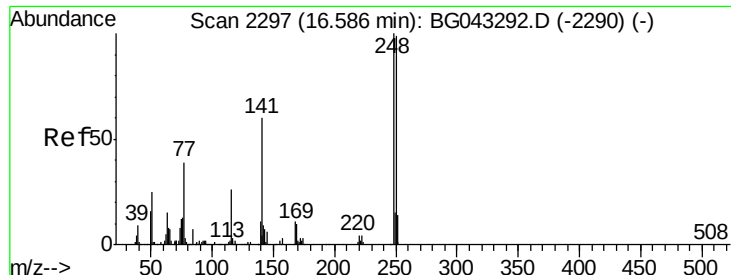
Tot Ion	Ratio	Lower	Upper
198	100		
51	39.9	13.2	53.2
105	38.6	15.8	55.8



#66
 n-Nitrosodiphenylamine
 Concen: 48.070 ng
 RT: 15.89 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BG043640.D
 Acq: 14 Nov 2019 19:09

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.0	53.8	80.6
167	36.2	27.5	41.3

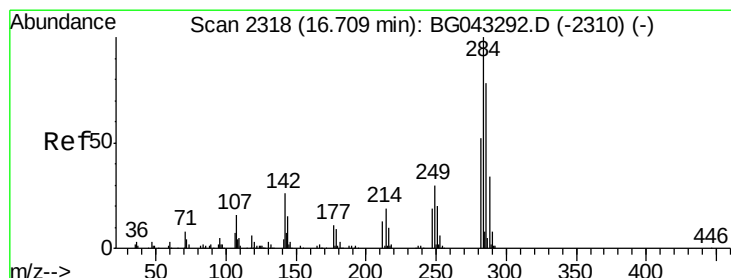
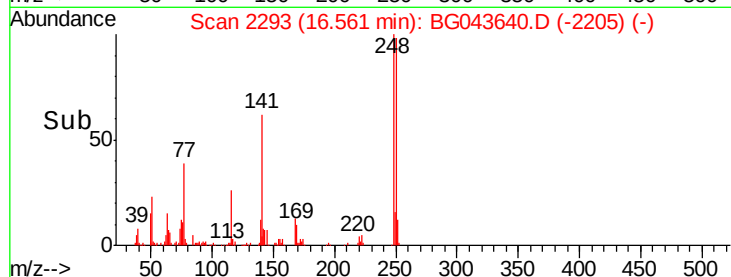
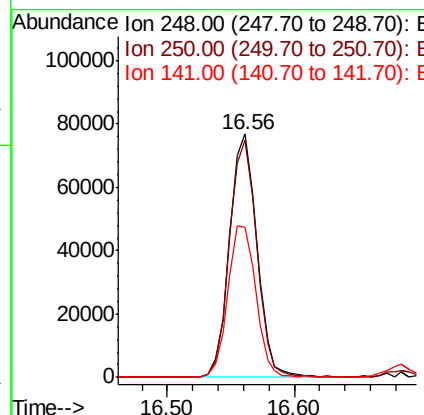
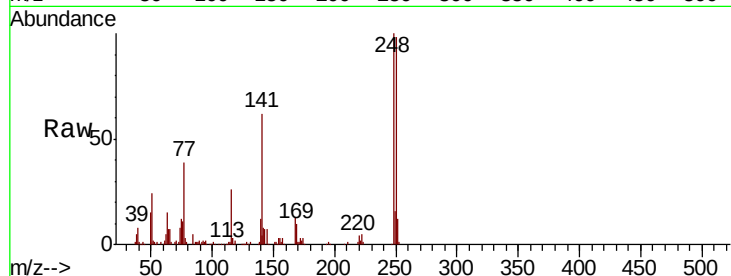




#67
4-Bromophenyl-phenylether
Concen: 45.879 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

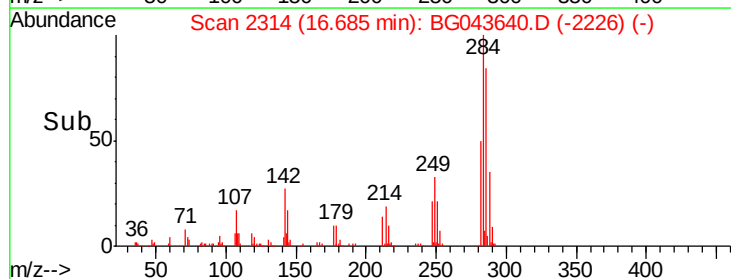
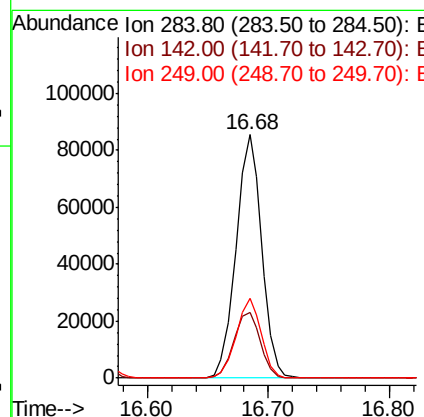
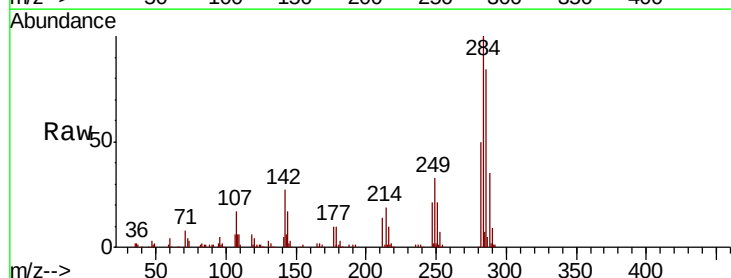
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

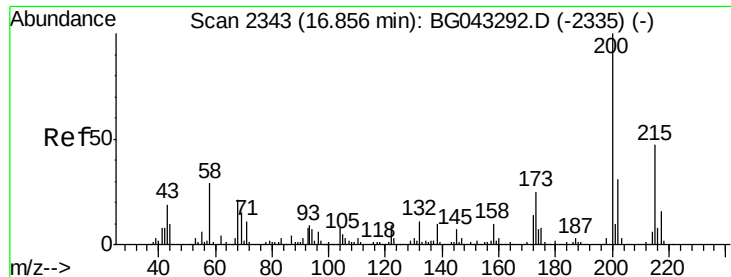
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.0	115.4
141	61.9	47.5	71.3



#68
Hexachlorobenzene
Concen: 44.135 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.1	19.8	29.8
249	32.7	23.8	35.6





#69

Atrazine

Concen: 61.018 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

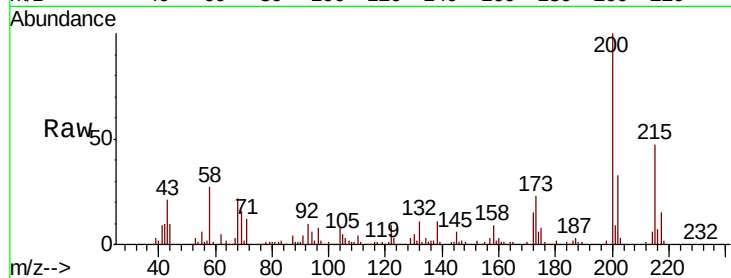
Tot Ion:200 Resp: 111113

Ion Ratio Lower Upper

200 100

173 23.0 4.7 44.7

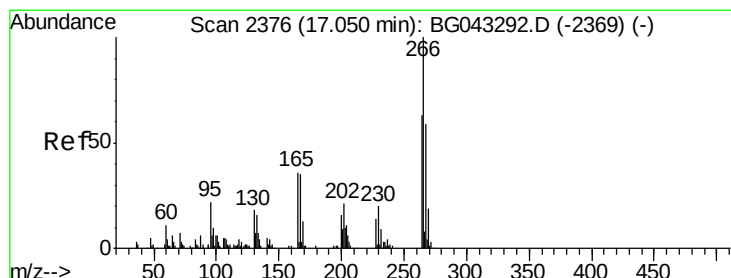
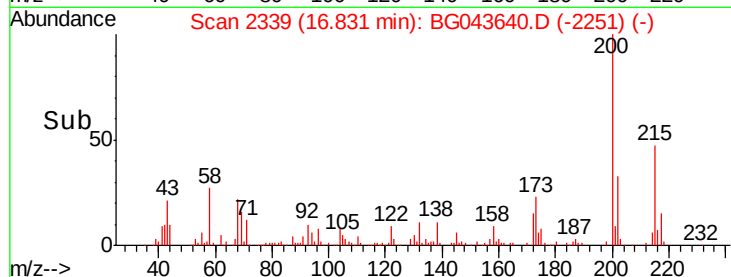
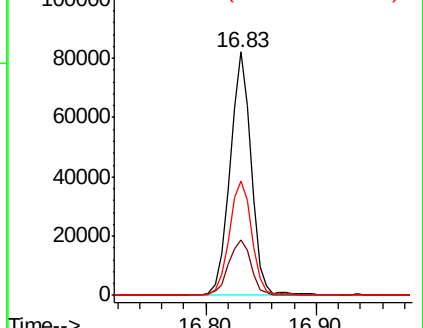
215 47.0 28.5 68.5



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: 82.506 ng

RT: 17.04 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

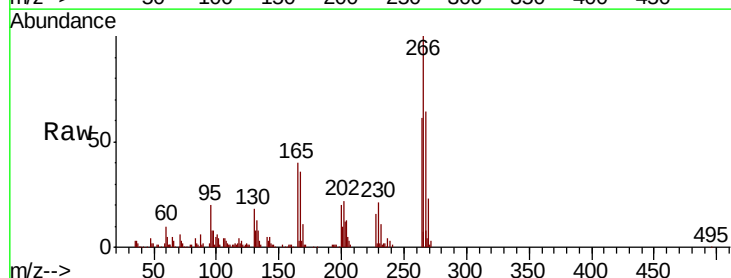
Tgt Ion:266 Resp: 107802

Ion Ratio Lower Upper

266 100

268 63.5 50.4 75.6

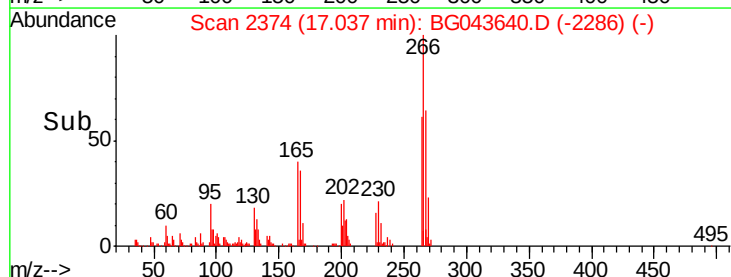
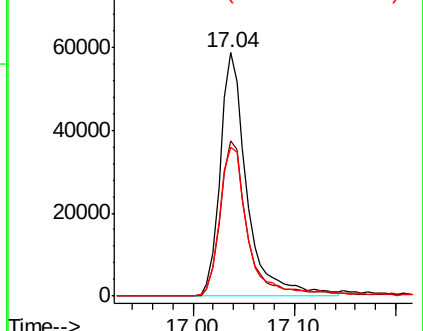
264 61.4 48.9 73.3

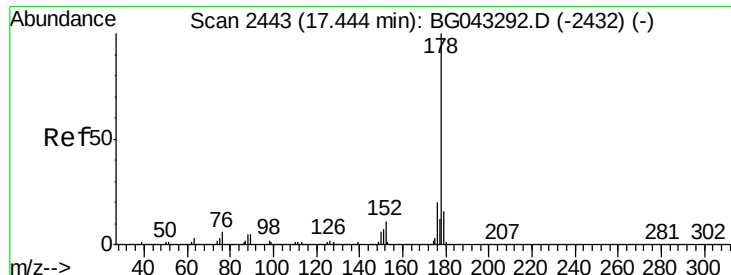


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

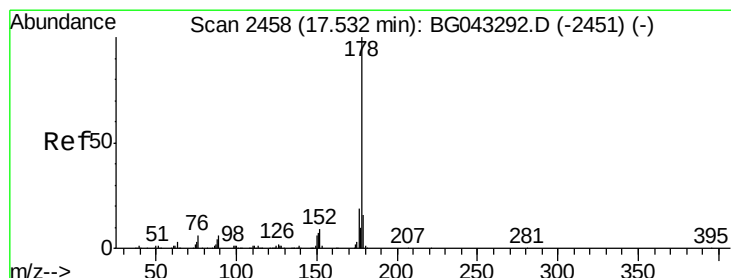
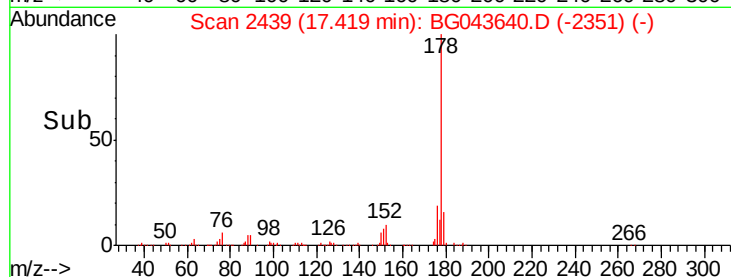
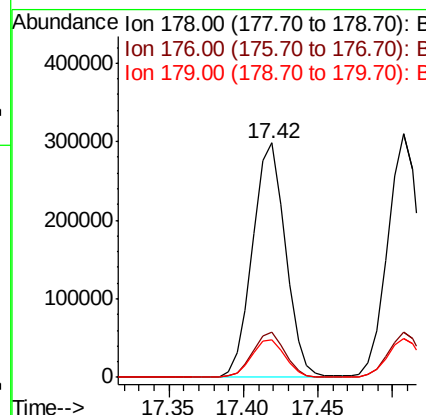
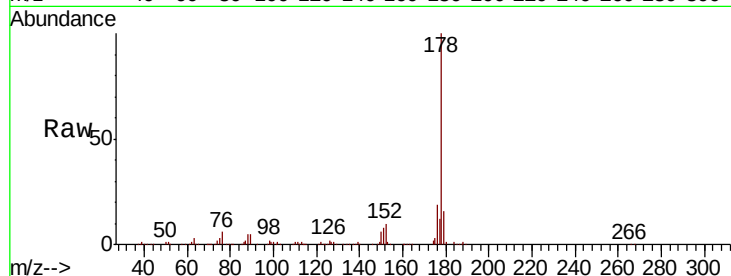




#71
Phenanthrene
Concen: 48.043 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

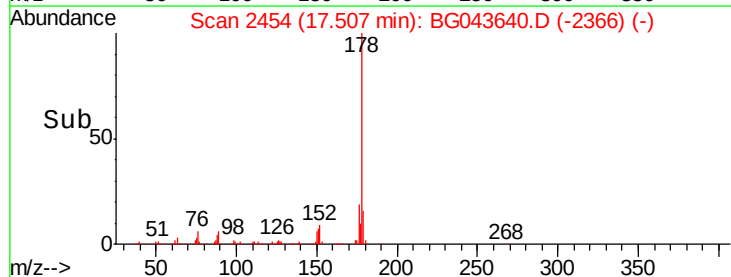
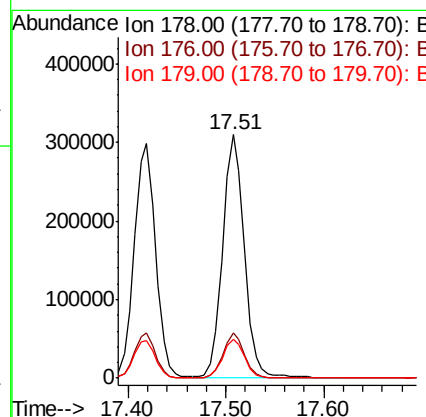
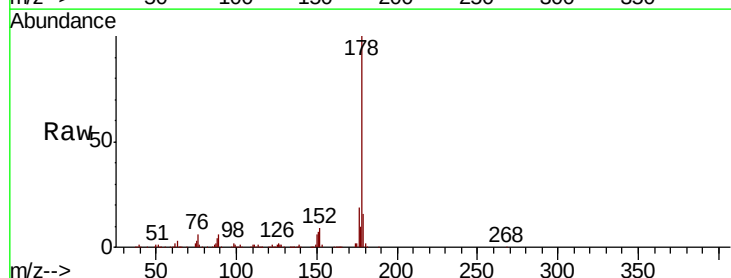
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

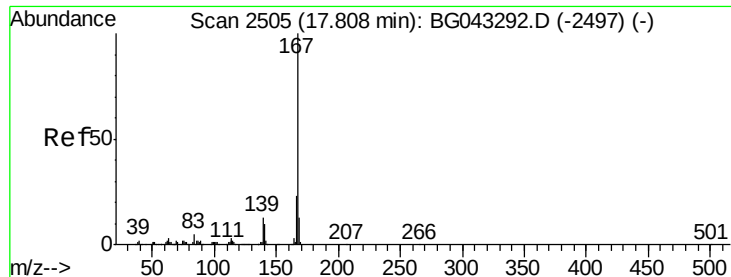
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	16.3	13.0	19.6



#72
Anthracene
Concen: 49.894 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.9	13.7	20.5





#73

Carbazole

Concen: 49.368 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

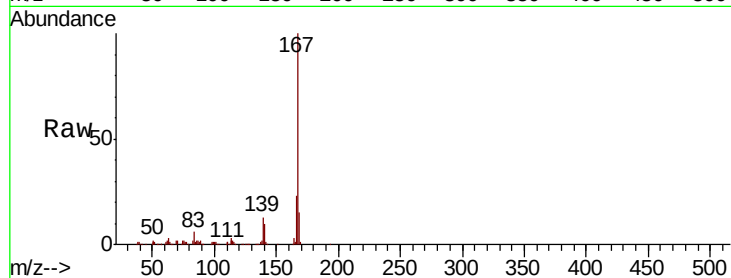
Tot Ion:167 Resp: 425171

Ion Ratio Lower Upper

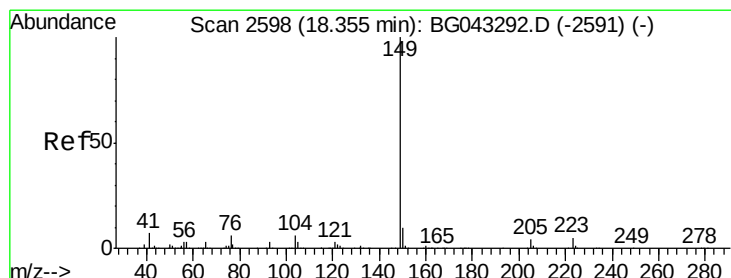
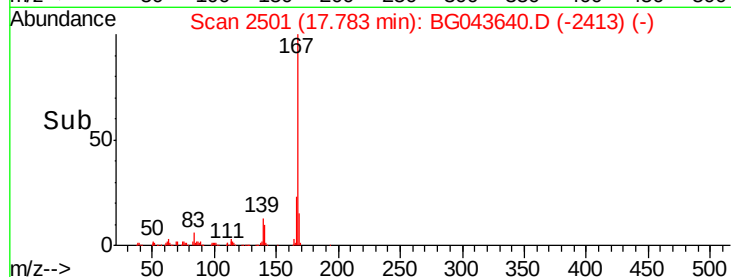
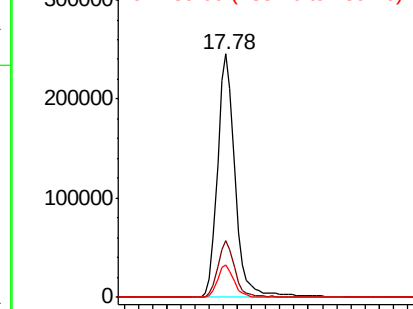
167 100

166 23.4 18.7 28.1

139 13.4 10.0 15.0



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



#74

Di-n-butylphthalate

Concen: 47.590 ng

RT: 18.33 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

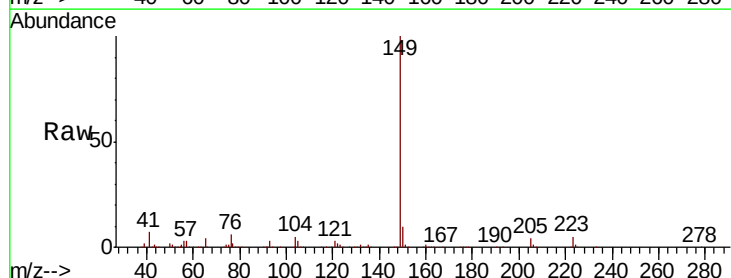
Tgt Ion:149 Resp: 497306

Ion Ratio Lower Upper

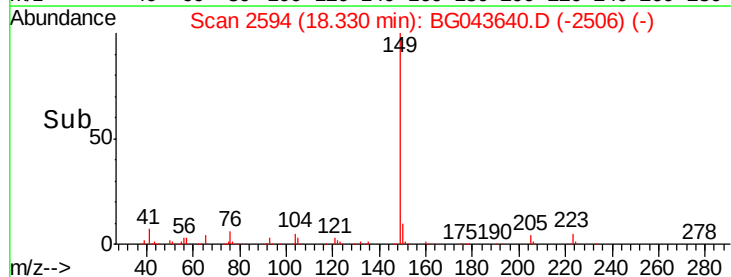
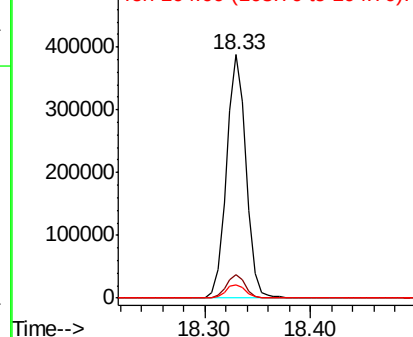
149 100

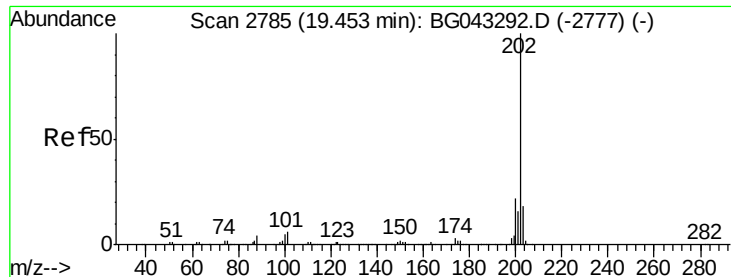
150 9.7 8.0 12.0

104 5.3 4.4 6.6



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





#75

Fluoranthene

Concen: 49.266 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

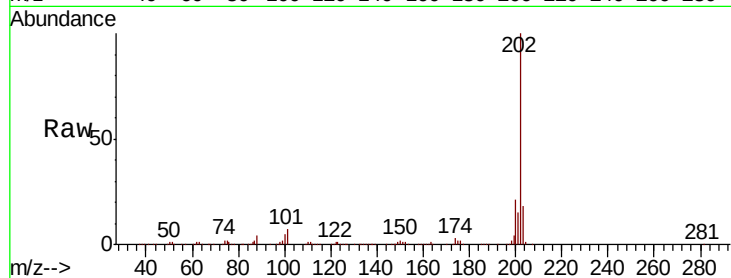
Tot Ion:202 Resp: 610505

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.3

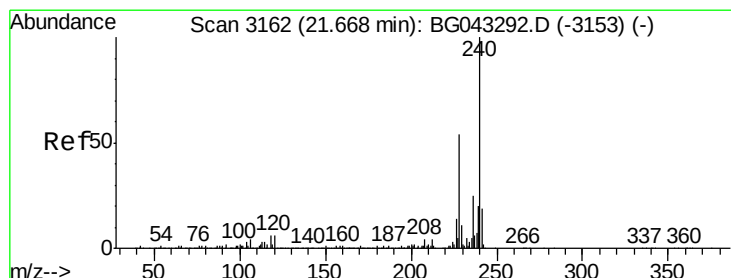
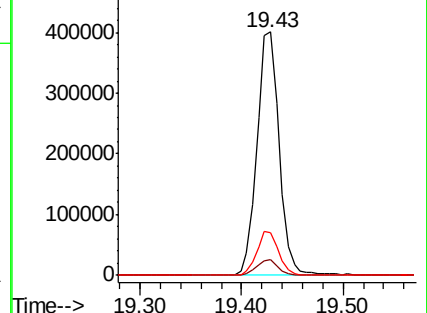
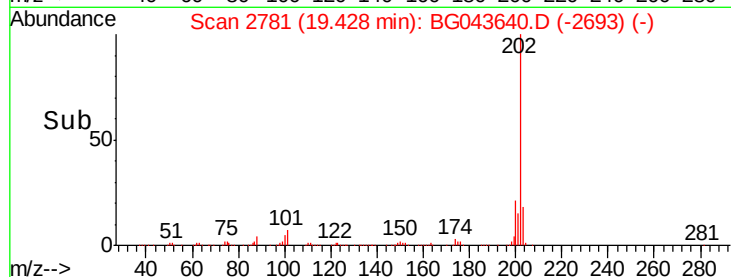
203 17.6 0.0 37.9



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: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

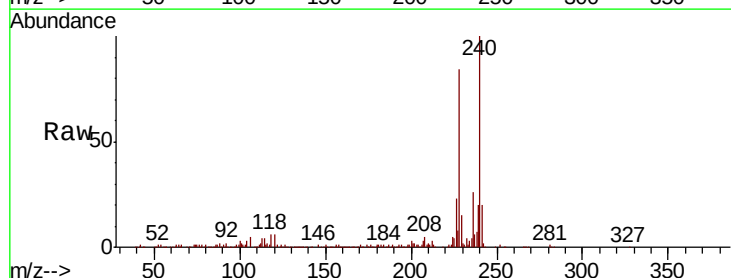
Tgt Ion:240 Resp: 203350

Ion Ratio Lower Upper

240 100

120 5.8 4.6 6.8

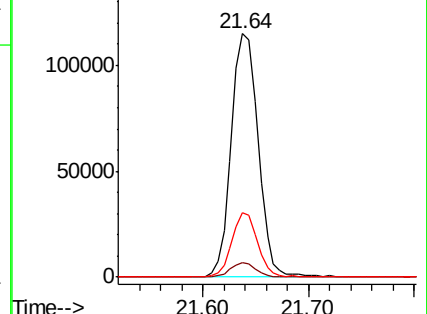
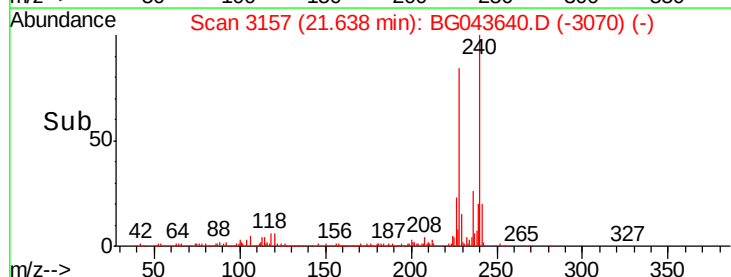
236 26.4 19.8 29.8

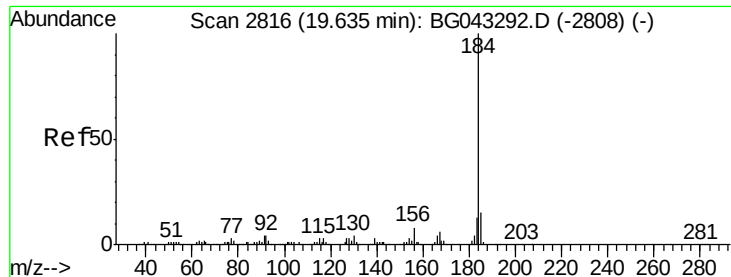


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 68.094 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

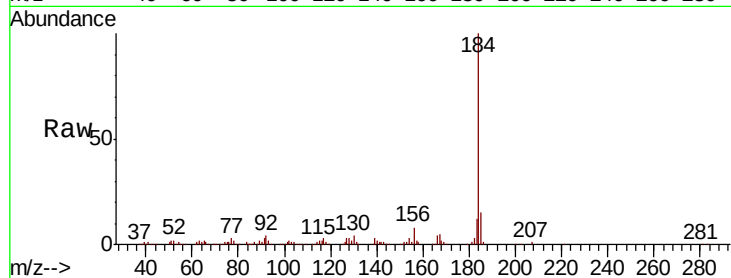
Tot Ion:184 Resp: 278675

Ion Ratio Lower Upper

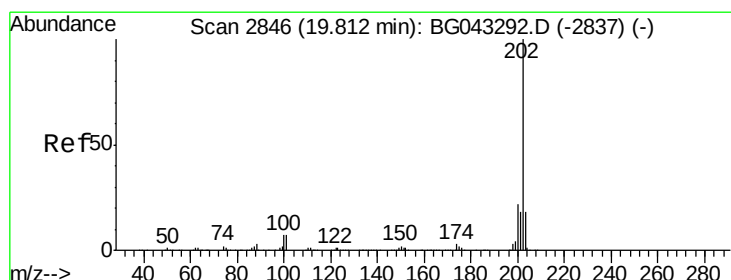
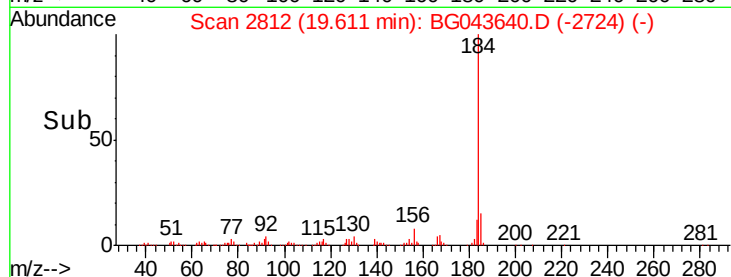
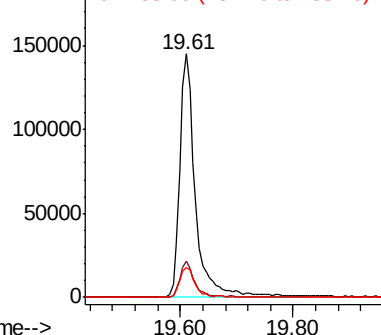
184 100

185 14.8 11.0 16.4

183 12.2 10.0 15.0



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



#78

Pyrene

Concen: 48.895 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

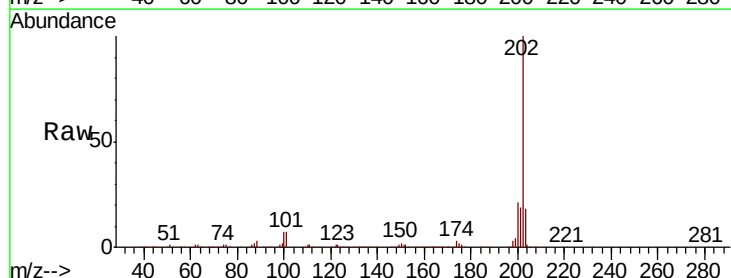
Tgt Ion:202 Resp: 615452

Ion Ratio Lower Upper

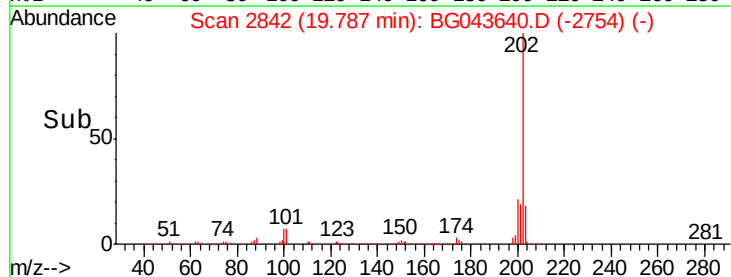
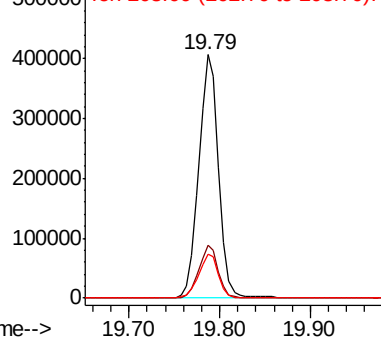
202 100

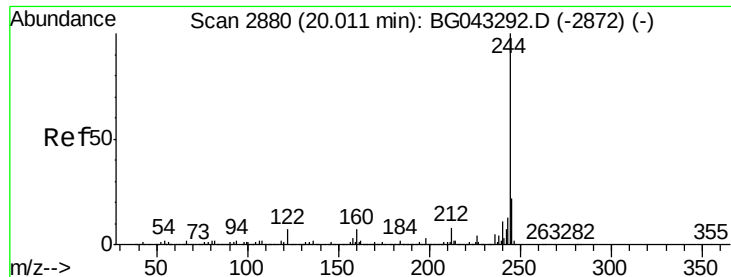
200 21.5 17.0 25.4

203 18.0 14.7 22.1



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





#79

Terphenyl-d14

Concen: 51.998 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

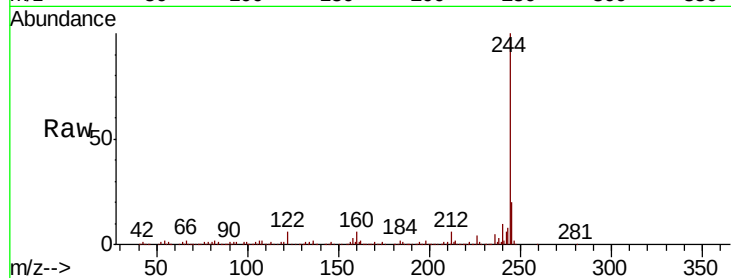
Tot Ion:244 Resp: 563616

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.6

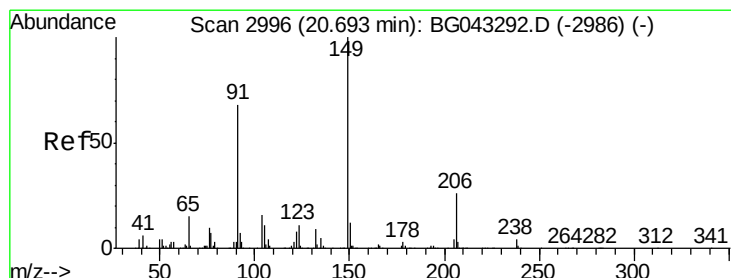
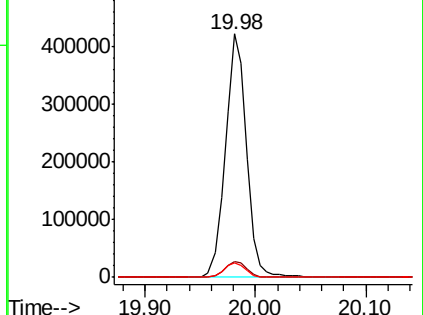
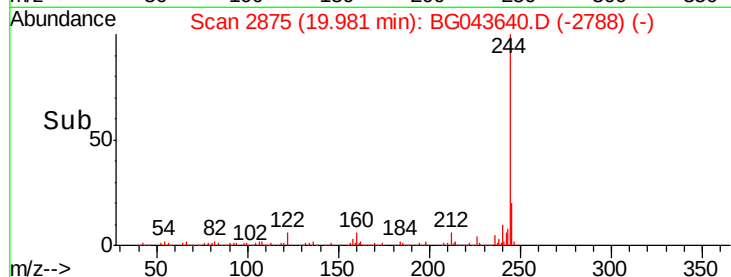
122 6.1 5.4 8.2



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: 48.688 ng

RT: 20.67 min Scan# 2992

Delta R.T. -0.02 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

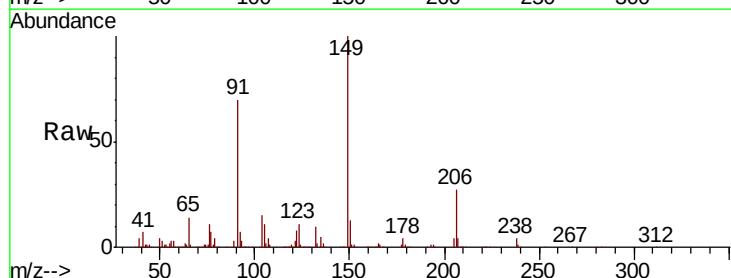
Tgt Ion:149 Resp: 232182

Ion Ratio Lower Upper

149 100

91 69.6 51.2 76.8

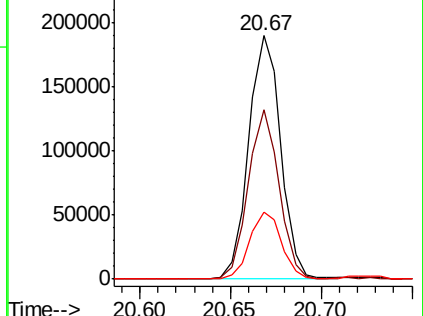
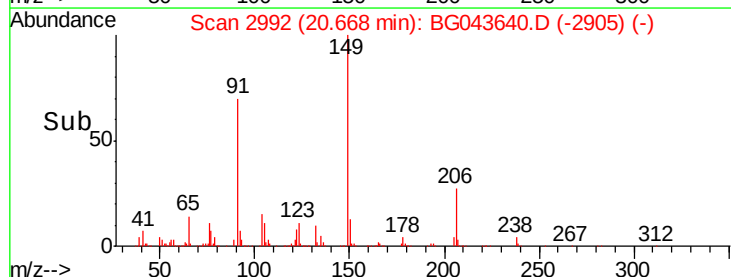
206 27.4 22.5 33.7

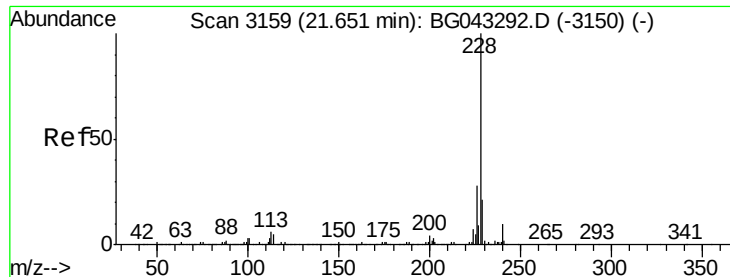


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.703 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

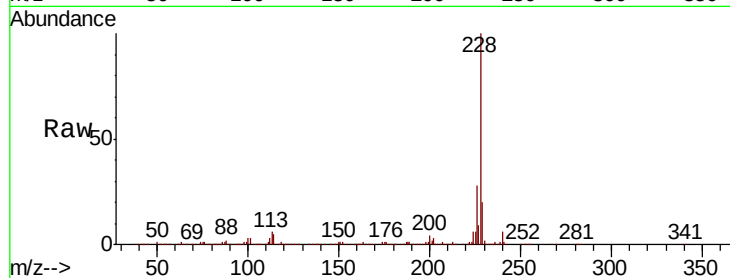
Tot Ion:228 Resp: 645835

Ion Ratio Lower Upper

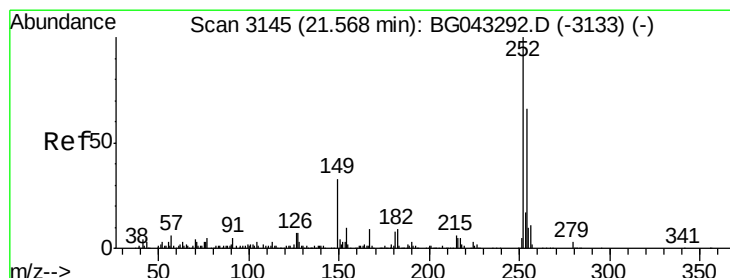
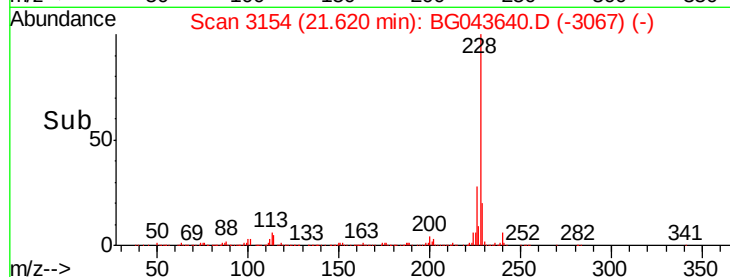
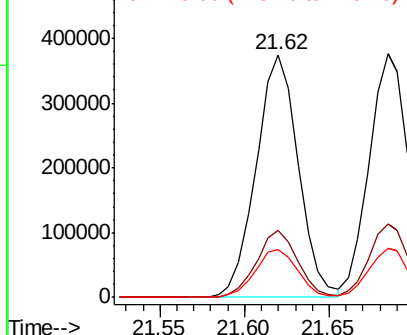
228 100

226 27.5 22.2 33.2

229 19.7 17.0 25.4



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: 29.451 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

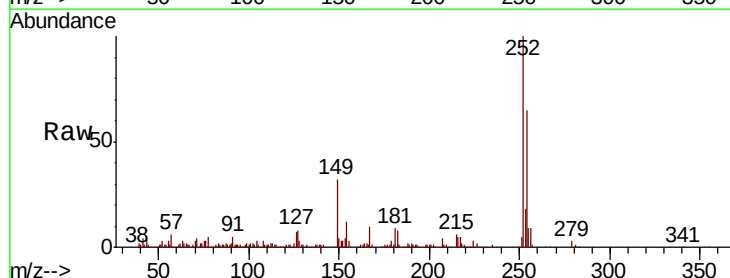
Tgt Ion:252 Resp: 145096

Ion Ratio Lower Upper

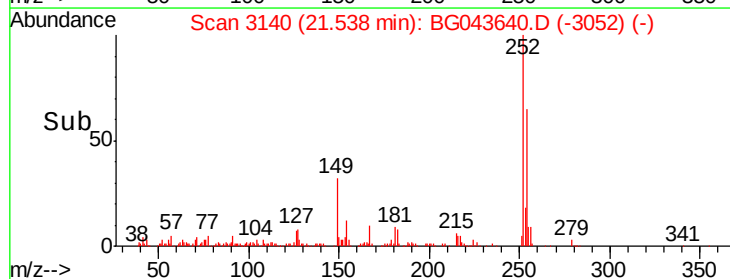
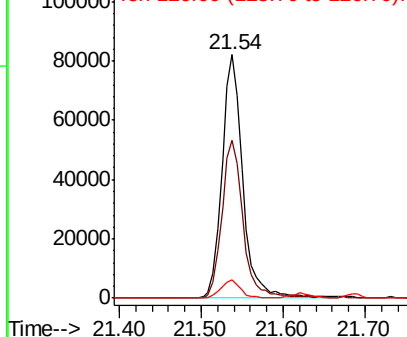
252 100

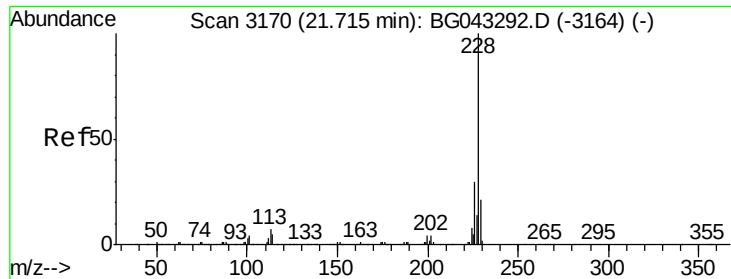
254 64.6 50.8 76.2

126 7.3 6.1 9.1



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: 49.447 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

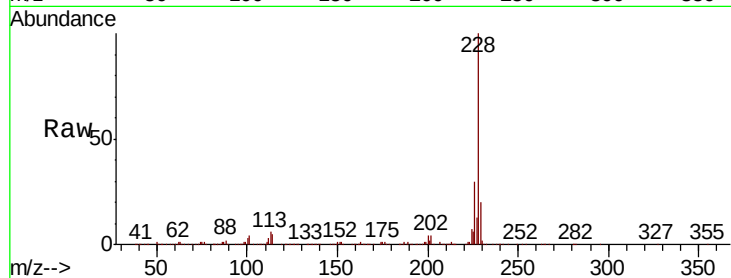
BNA_G

ClientSampleId :

8-(8-10)MSD

Tot Ion:228 Resp: 625799

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.1	37.7
229	20.3	17.0	25.4

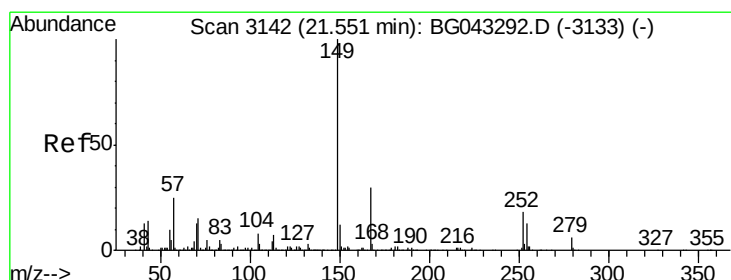
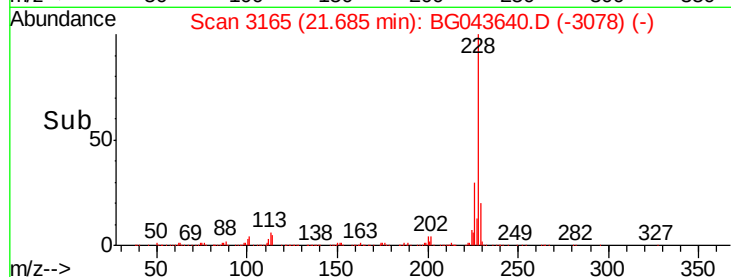
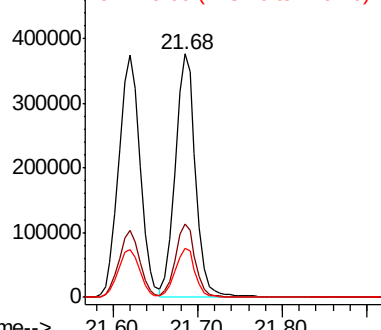


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.984 ng

RT: 21.52 min Scan# 3137

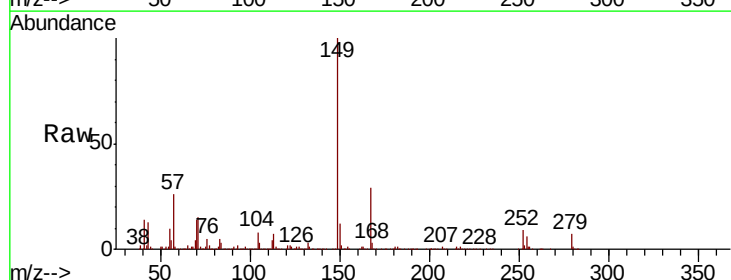
Delta R.T. -0.02 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Tgt Ion:149 Resp: 338595

Ion	Ratio	Lower	Upper
149	100		
167	29.1	24.0	36.0
279	7.0	5.4	8.2

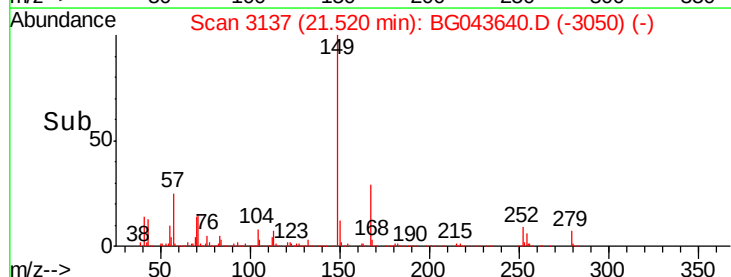
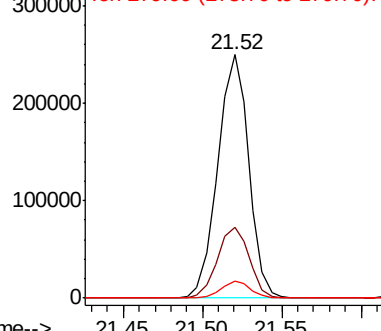


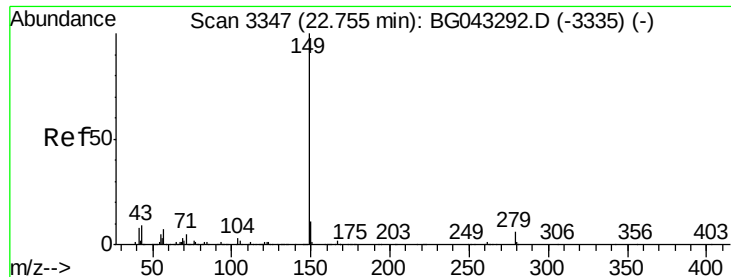
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.434 ng

RT: 22.71 min Scan# 3340

Delta R.T. -0.02 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

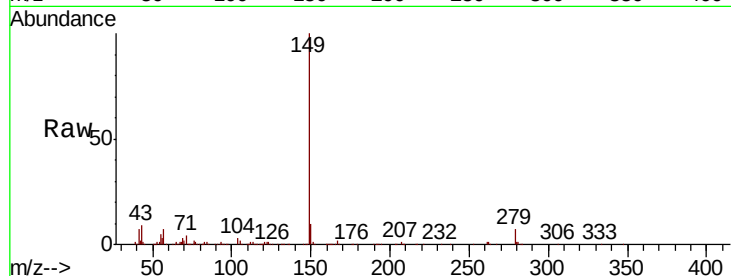
Tot Ion:149 Resp: 591117

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

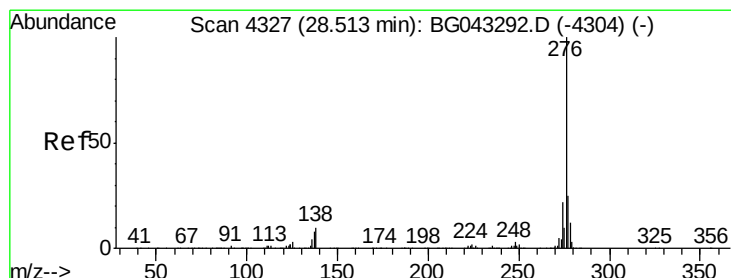
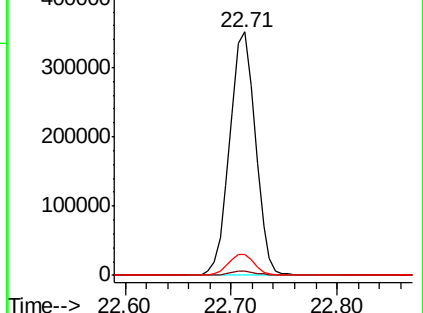
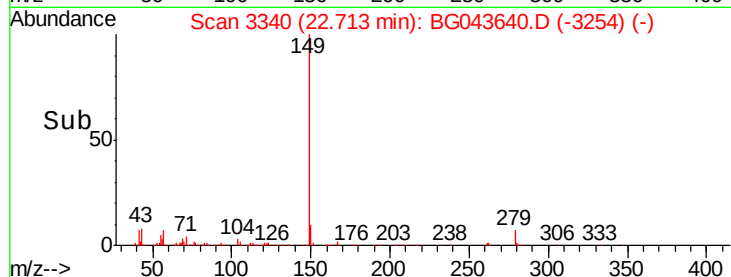
43 8.6 7.0 10.6



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: 51.180 ng

RT: 28.45 min Scan# 4317

Delta R.T. -0.04 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

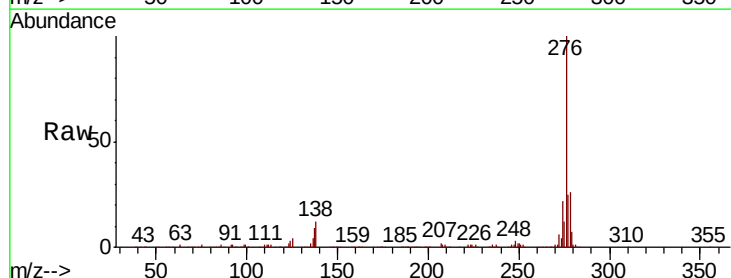
Tgt Ion:276 Resp: 813061

Ion Ratio Lower Upper

276 100

138 8.7 6.8 10.2

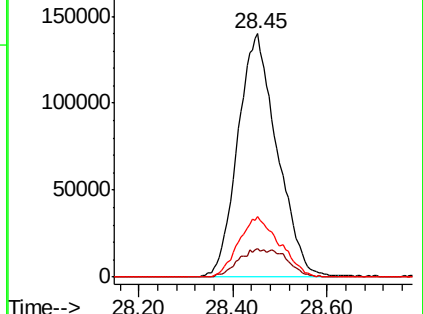
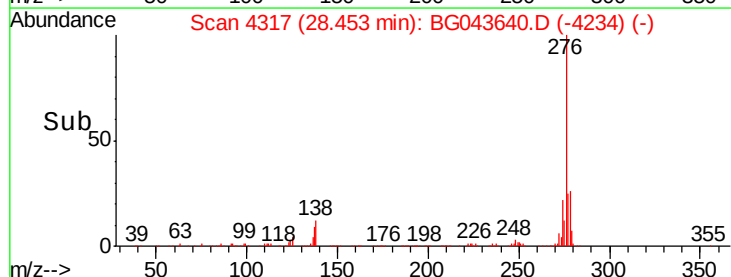
277 26.1 20.9 31.3

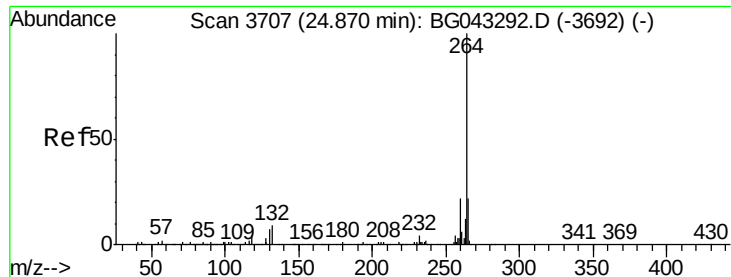


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.82 min Scan# 3698

Delta R.T. -0.04 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

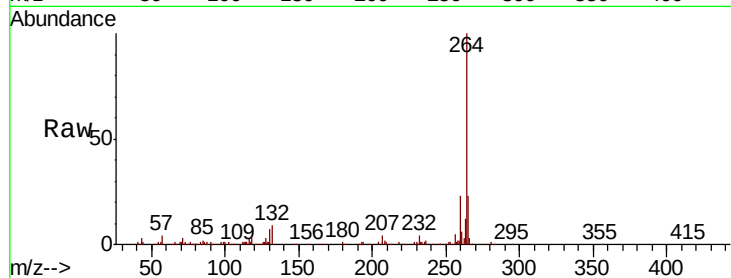
Tot Ion:264 Resp: 241521

Ion Ratio Lower Upper

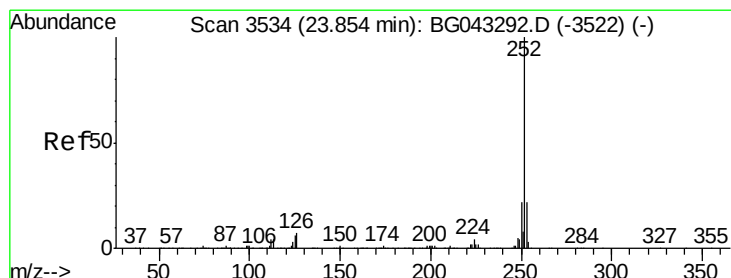
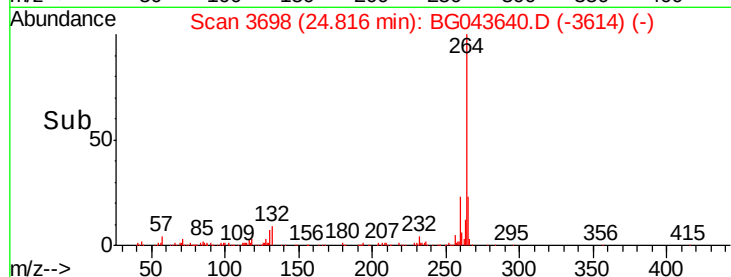
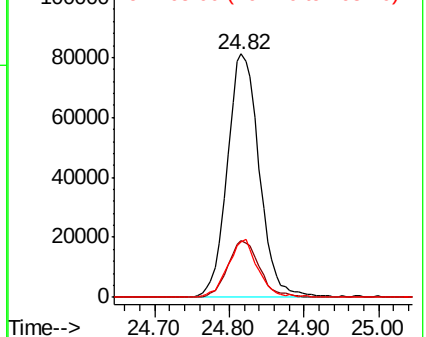
264 100

260 23.4 17.5 26.3

265 22.8 17.4 26.0



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



#88

Benzo(b)fluoranthene

Concen: 49.964 ng

RT: 23.81 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

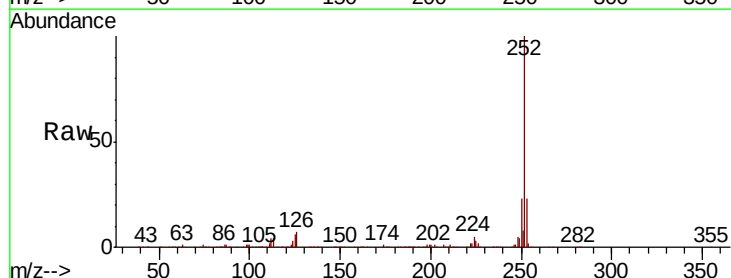
Tgt Ion:252 Resp: 683453

Ion Ratio Lower Upper

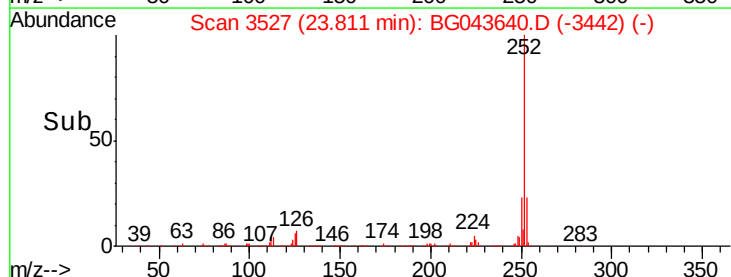
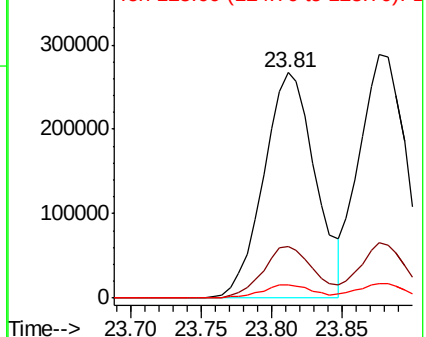
252 100

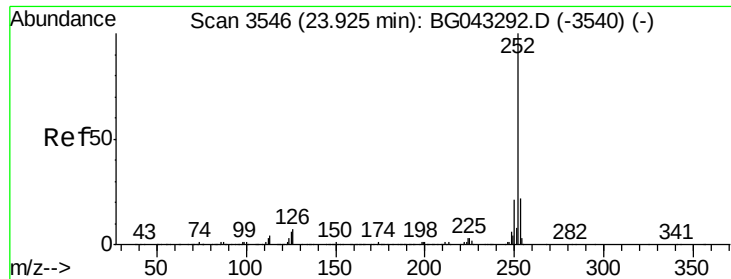
253 23.1 17.7 26.5

125 5.7 4.5 6.7



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

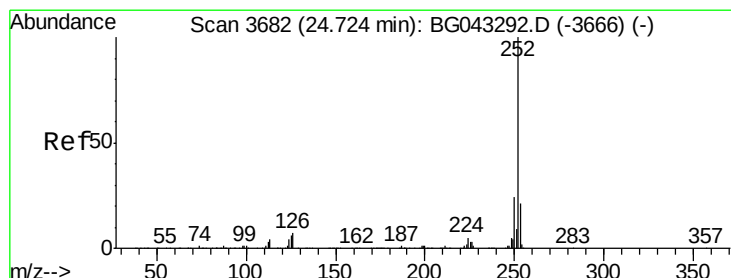
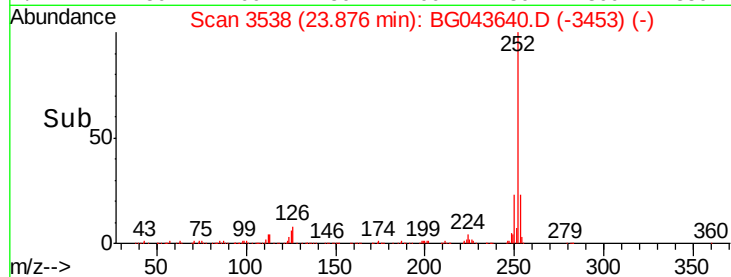
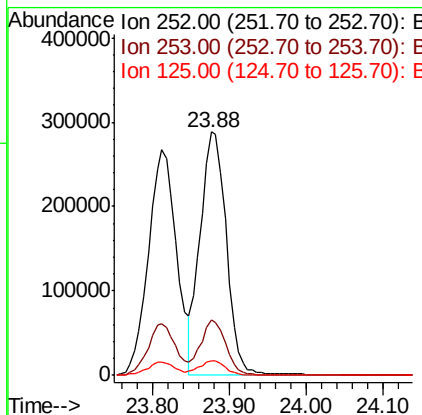
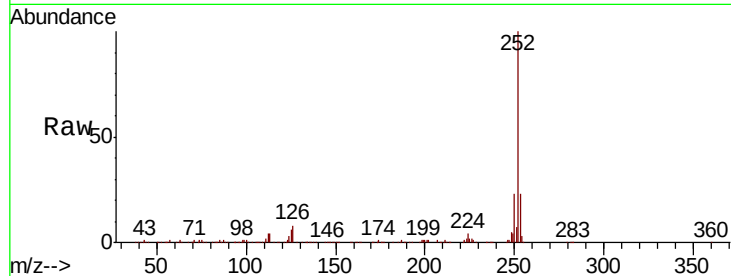




#89
Benzo(k)fluoranthene
Concen: 49.150 ng
RT: 23.88 min Scan# 3538
Delta R.T. -0.03 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

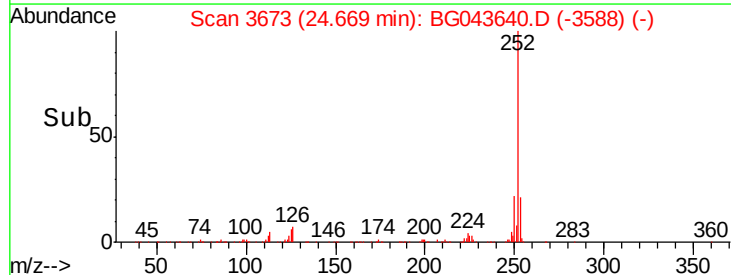
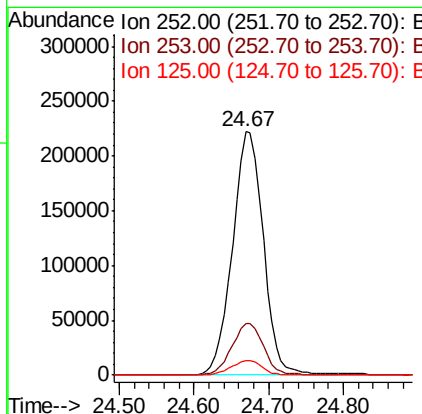
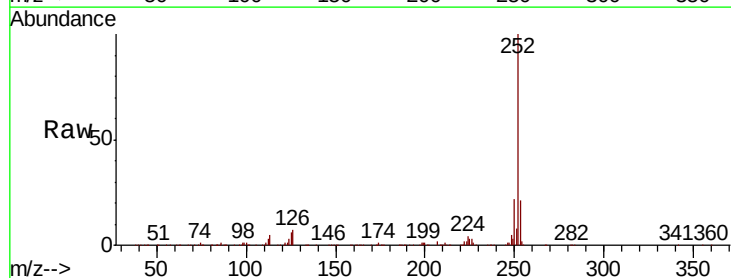
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MSD

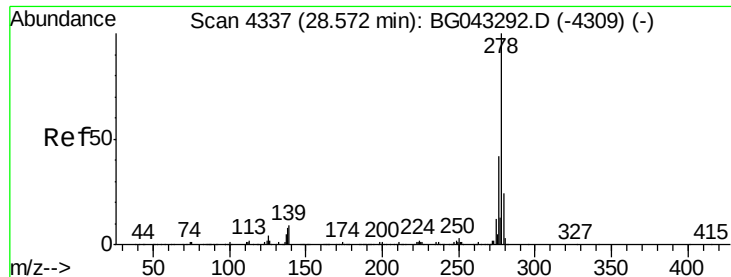
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	6.0	4.6	6.8



#90
Benzo(a)pyrene
Concen: 48.865 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.03 min
Lab File: BG043640.D
Acq: 14 Nov 2019 19:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.8
125	5.9	5.4	8.2





#91

Dibenzo(a,h)anthracene

Concen: 51.484 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.05 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MSD

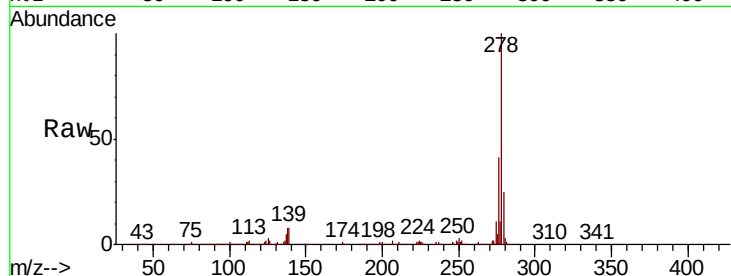
Tot Ion:278 Resp: 687874

Ion Ratio Lower Upper

278 100

139 7.5 7.4 11.0

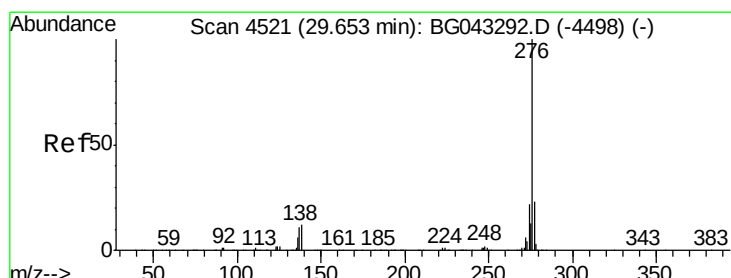
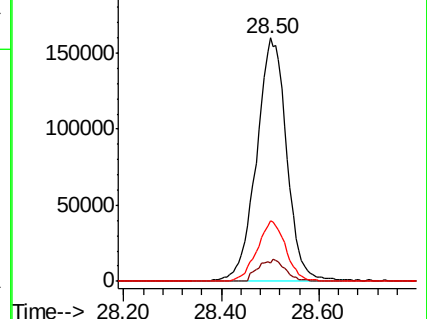
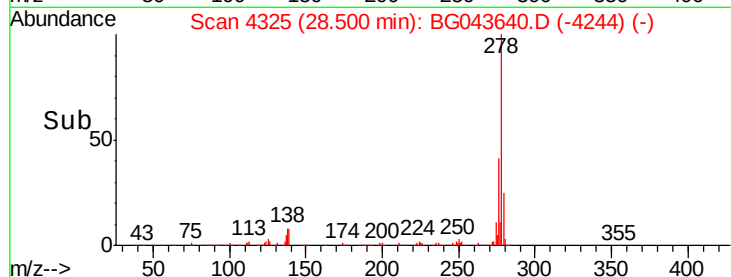
279 24.7 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.560 ng

RT: 29.58 min Scan# 4509

Delta R.T. -0.05 min

Lab File: BG043640.D

Acq: 14 Nov 2019 19:09

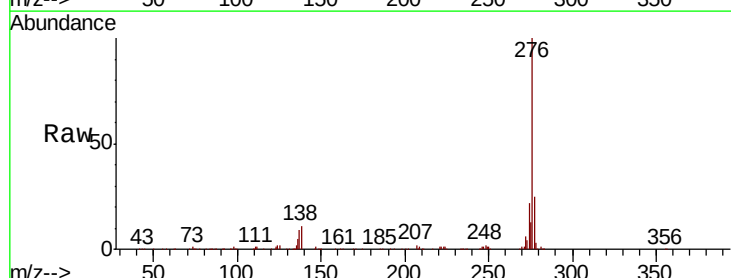
Tgt Ion:276 Resp: 679522

Ion Ratio Lower Upper

276 100

277 24.6 18.9 28.3

138 11.1 8.9 13.3



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

