

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
 Data File : BG043511.D
 Acq On : 5 Nov 2019 17:11
 Operator : JU
 Sample : K5676-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 06 00:46:16 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	8.01	152	39756	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	147263	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	107948	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	272635	20.00	ng	0.00
76) Chrysene-d12	21.66	240	294070	20.00	ng	0.00
87) Perylene-d12	24.85	264	347605	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	266244	122.72	ng	0.00
7) Phenol-d6	7.20	99	375353	120.25	ng	0.00
23) Nitrobenzene-d5	9.17	82	219411	76.81	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	242577	118.09	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	575960	73.73	ng	0.00
79) Terphenyl-d14	20.00	244	1260009	80.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	28116	33.255	ng	# 59
3) Pyridine	3.90	79	20748	9.728	ng	# 92
4) n-Nitrosodimethylamine	3.79	42	47338	43.987	ng	# 89
6) Aniline	7.34	93	27640	7.687	ng	97
8) 2-Chlorophenol	7.58	128	105396	44.008	ng	98
9) Benzaldehyde	7.15	77	56697	36.960	ng	99
10) Phenol	7.22	94	139051	48.749	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	84428	38.284	ng	98
12) 1,3-Dichlorobenzene	7.90	146	112537	37.504	ng	95
13) 1,4-Dichlorobenzene	8.05	146	115039	37.892	ng	98
14) 1,2-Dichlorobenzene	8.36	146	110494	37.275	ng	97
15) Benzyl Alcohol	8.26	79	91721	41.839	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	114635	35.749	ng	94
17) 2-Methylphenol	8.47	107	87302	41.984	ng	98
18) Hexachloroethane	9.09	117	40318	36.809	ng	99
19) n-Nitroso-di-n-propylamine	8.82	70	78441	38.889	ng	91
20) 3+4-Methylphenols	8.80	107	122082	42.815	ng	98
22) Acetophenone	8.83	105	153506	40.704	ng	# 98
24) Nitrobenzene	9.22	77	116996	42.996	ng	# 95
25) Isophorone	9.74	82	224819	43.049	ng	98
26) 2-Nitrophenol	9.93	139	60068	45.724	ng	94
27) 2,4-Dimethylphenol	10.00	122	96162	51.072	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	120105	41.670	ng	99
29) 2,4-Dichlorophenol	10.48	162	113867	47.199	ng	94
30) 1,2,4-Trichlorobenzene	10.68	180	125821	41.380	ng	96
31) Naphthalene	10.87	128	324776	43.448	ng	99
32) Benzoic acid	10.17	122	47973	36.126	ng	97
33) 4-Chloroaniline	11.00	127	10150	3.313	ng	# 91
34) Hexachlorobutadiene	11.15	225	87081	38.742	ng	97
35) Caprolactam	11.81	113	12081	14.540	ng	91
36) 4-Chloro-3-methylphenol	12.12	107	125331	47.627	ng	97
37) 2-Methylnaphthalene	12.47	142	244241	42.585	ng	96
38) 1-Methylnaphthalene	12.69	142	236719	43.378	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	155030	38.806	ng	98

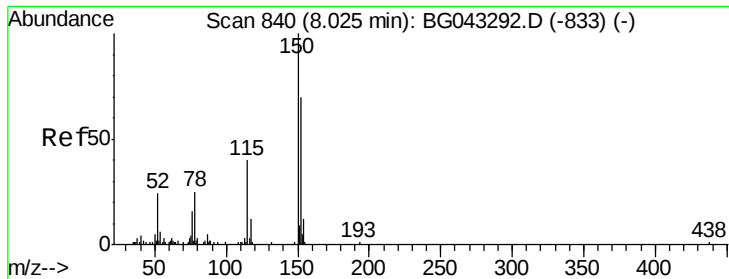
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	159437	75.973	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	103866	44.148	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	110512	46.462	ng	96
46) 1,1'-Biphenyl	13.47	154	334512	40.734	ng	98
47) 2-Chloronaphthalene	13.52	162	256374	41.031	ng	98
48) 2-Nitroaniline	13.73	65	81662	43.728	ng	92
49) Acenaphthylene	14.36	152	430066	44.224	ng	98
50) Dimethylphthalate	14.10	163	401705	48.043	ng	98
51) 2,6-Dinitrotoluene	14.22	165	80991	44.587	ng	100
52) Acenaphthene	14.71	154	251809	42.461	ng	97
53) 3-Nitroaniline	14.56	138	21094	12.028	ng	# 99
54) 2,4-Dinitrophenol	14.76	184	89096	78.679	ng	94
55) Dibenzofuran	15.04	168	421341	43.812	ng	99
56) 4-Nitrophenol	14.89	139	120642	102.651	ng	90
57) 2,4-Dinitrotoluene	15.01	165	116713	44.960	ng	# 99
58) Fluorene	15.69	166	348756	43.237	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.27	232	114212	45.195	ng	96
60) Diethylphthalate	15.45	149	359607	42.804	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	202519	43.039	ng	97
62) 4-Nitroaniline	15.72	138	76189	42.065	ng	97
63) Azobenzene	15.97	77	298048	43.835	ng	96
65) 4,6-Dinitro-2-methylphenol	15.77	198	70258	43.789	ng	95
66) n-Nitrosodiphenylamine	15.90	169	321086	41.715	ng	98
67) 4-Bromophenyl-phenylether	16.58	248	144854	39.480	ng	99
68) Hexachlorobenzene	16.70	284	160958	38.218	ng	96
69) Atrazine	16.85	200	142381	53.234	ng	98
70) Pentachlorophenol	17.05	266	174648	91.006	ng	96
71) Phenanthrene	17.43	178	574347	41.139	ng	100
72) Anthracene	17.52	178	595116	42.605	ng	99
73) Carbazole	17.79	167	544505	43.046	ng	99
74) Di-n-butylphthalate	18.35	149	641719	41.811	ng	99
75) Fluoranthene	19.44	202	771303	42.377	ng	98
77) Benzidine	19.63	184	17283	2.920	ng	99
78) Pyrene	19.80	202	774522	42.550	ng	99
80) Butylbenzylphthalate	20.68	149	294769	42.743	ng	98
81) Benzo(a)anthracene	21.64	228	799928	43.426	ng	99
82) 3,3'-Dichlorobenzidine	21.55	252	101969	14.312	ng	98
83) Chrysene	21.71	228	779089	42.569	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	429497	43.843	ng	98
85) Di-n-octyl phthalate	22.73	149	749385	45.089	ng	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	1037549	45.163	ng	# 98
88) Benzo(b)fluoranthene	23.84	252	855779	43.469	ng	97
89) Benzo(k)fluoranthene	23.91	252	847572	42.765	ng	96
90) Benzo(a)pyrene	24.70	252	790795	42.064	ng	99
91) Dibenzo(a,h)anthracene	28.56	278	881775	45.855	ng	98
92) Benzo(g,h,i)perylene	29.64	276	869032	45.816	ng	99

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

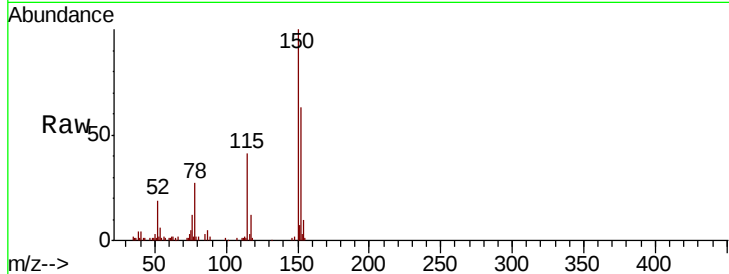


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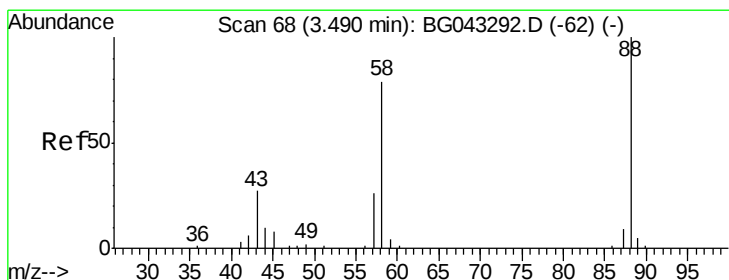
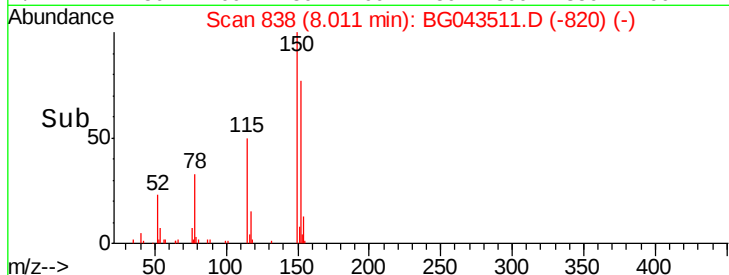
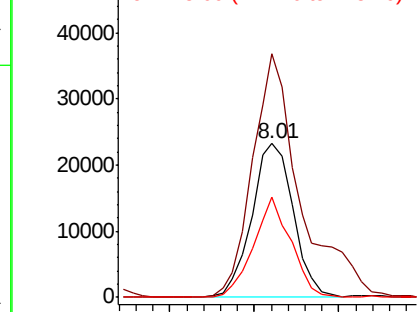
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 39756
Ion Ratio Lower Upper
152 100
150 158.1 129.4 194.0
115 64.8 48.8 73.2



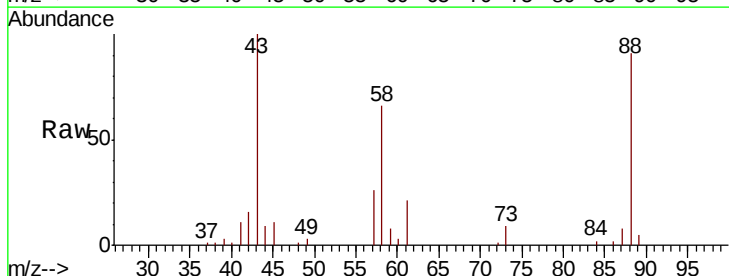
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



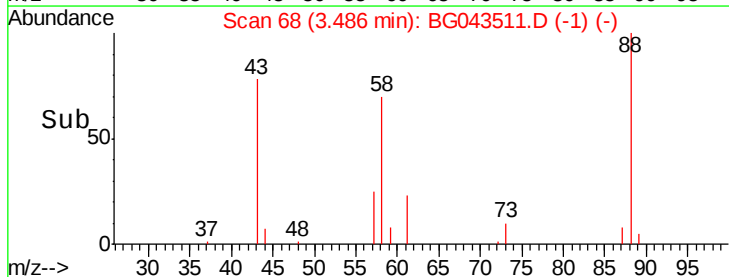
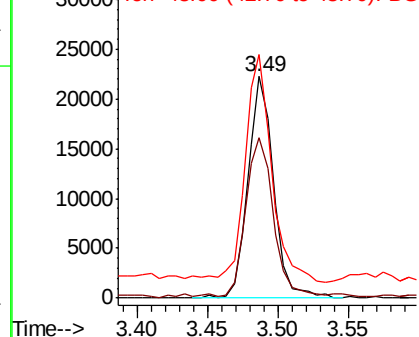
#2

1,4-Dioxane
Concen: 33.255 ng
RT: 3.49 min Scan# 68
Delta R.T. 0.01 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion: 88 Resp: 28116
Ion Ratio Lower Upper
88 100
58 75.7 62.7 94.1
43 106.4 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: 9.728 ng

RT: 3.90 min Scan# 139

Delta R.T. 0.03 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampleId :

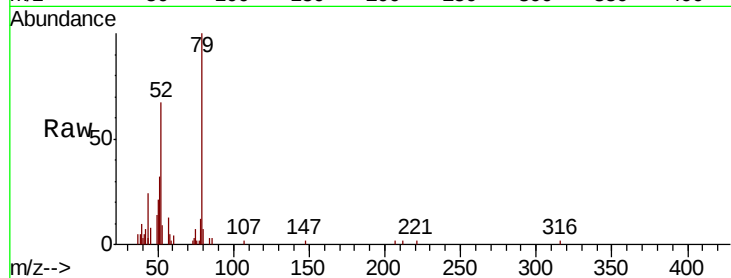
Tot Ion: 79 Resp: 20748

Ion Ratio Lower Upper

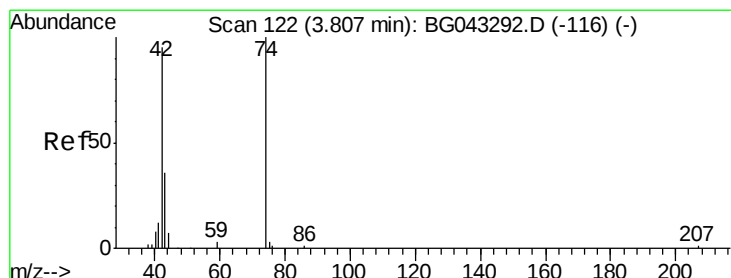
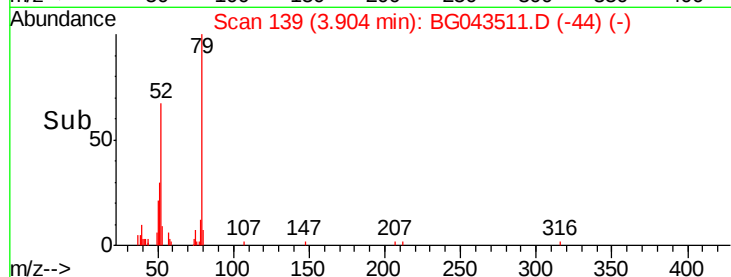
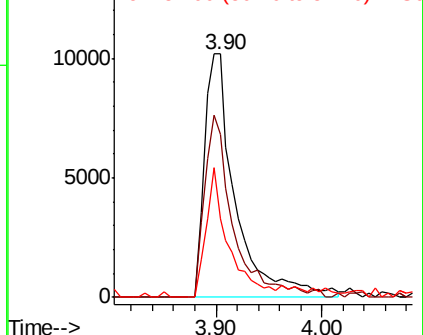
79 100

52 66.9 56.5 84.7

51 32.1 33.2 49.8#



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



#4

n-Nitrosodimethylamine

Concen: 43.987 ng

RT: 3.79 min Scan# 120

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

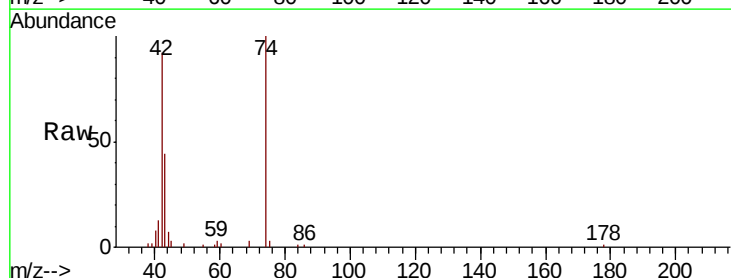
Tgt Ion: 42 Resp: 47338

Ion Ratio Lower Upper

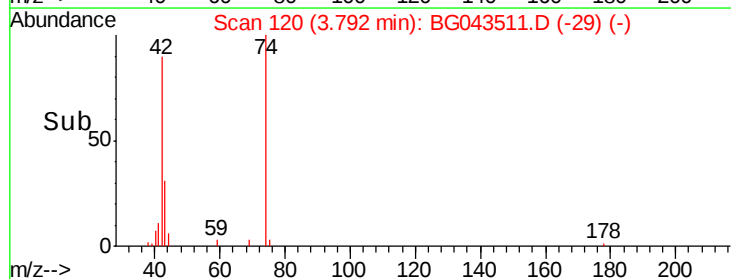
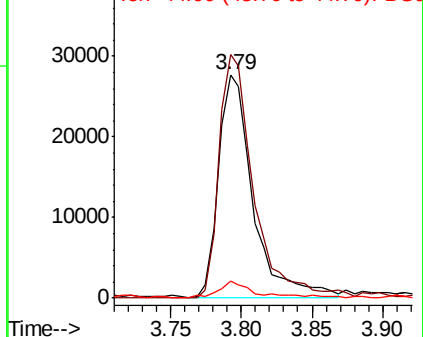
42 100

74 108.8 97.3 145.9

44 7.9 4.4 6.6#



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





#5

2-Fluorophenol

Concen: 122.718 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampleId :

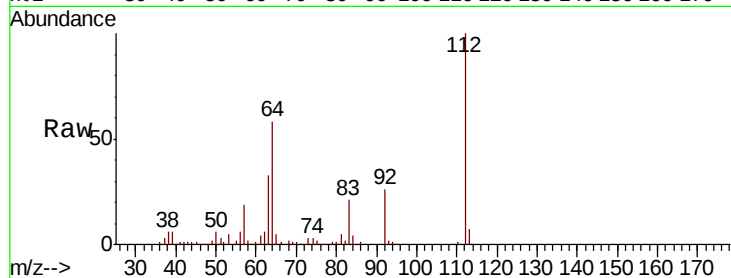
Tot Ion:112 Resp: 266244

Ion Ratio Lower Upper

112 100

64 57.9 50.0 75.0

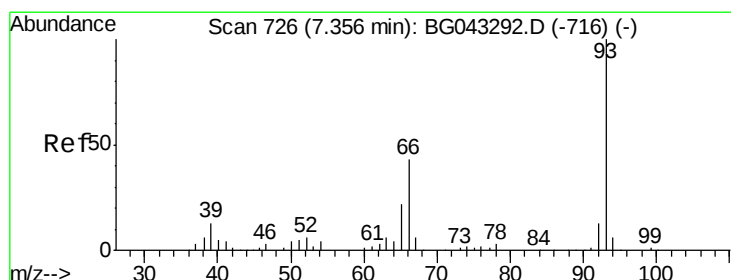
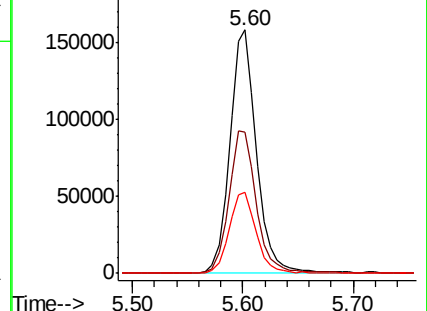
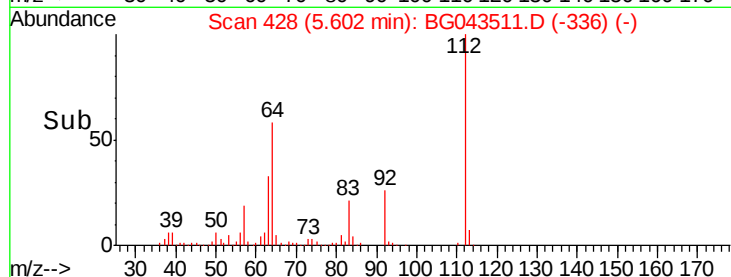
63 33.4 26.6 40.0



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: 7.687 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

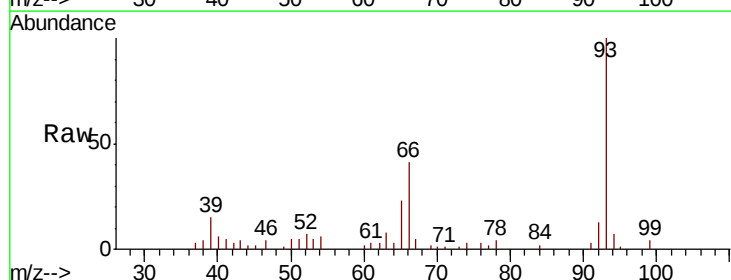
Tgt Ion: 93 Resp: 27640

Ion Ratio Lower Upper

93 100

66 41.2 32.3 48.5

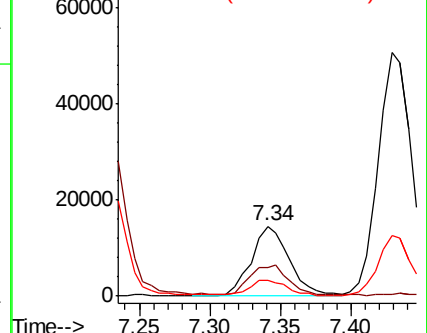
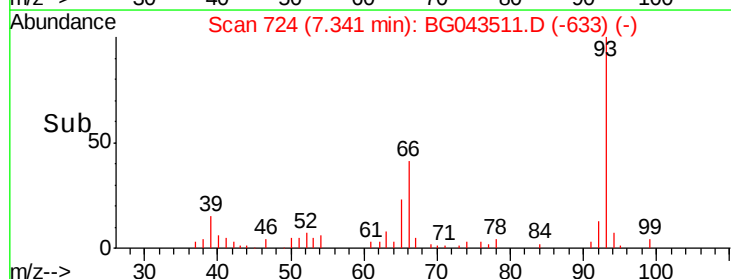
65 22.8 16.1 24.1



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: 120.248 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampled :

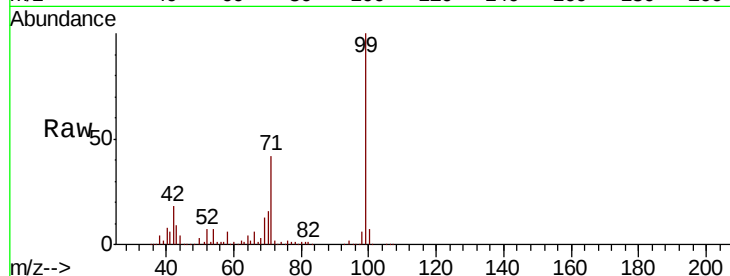
Tot Ion: 99 Resp: 375353

Ion Ratio Lower Upper

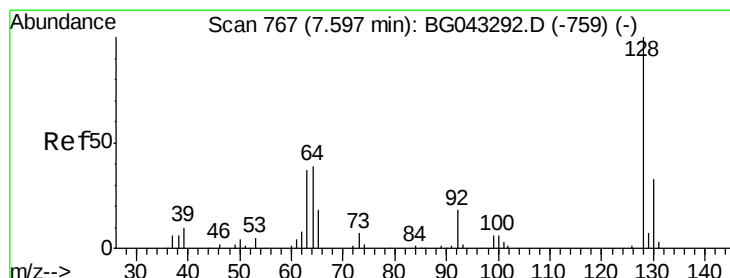
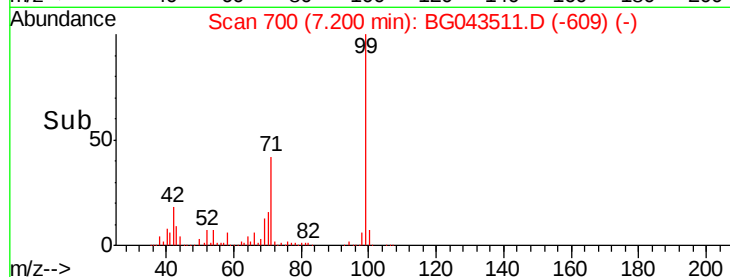
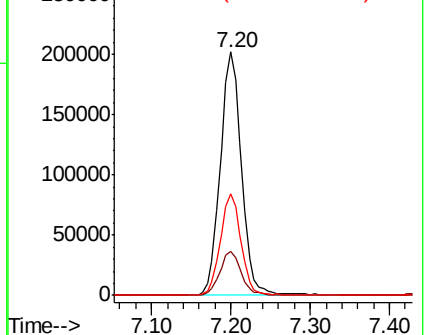
99 100

42 18.0 14.6 21.8

71 41.7 32.5 48.7



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



#8

2-Chlorophenol

Concen: 44.008 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

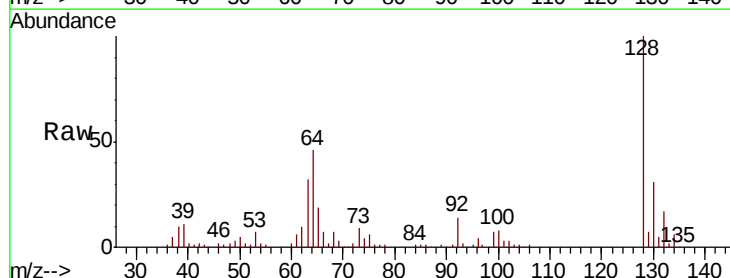
Tgt Ion:128 Resp: 105396

Ion Ratio Lower Upper

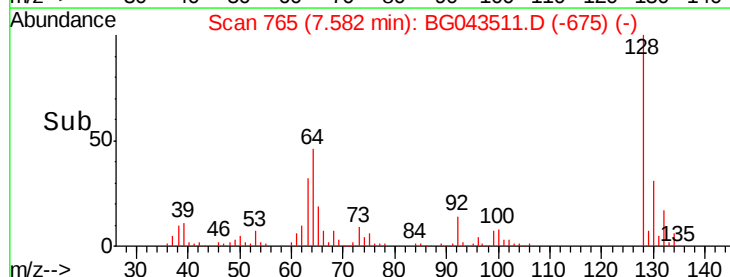
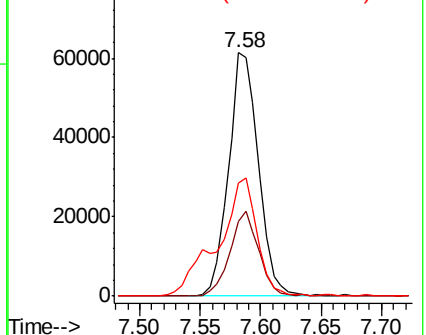
128 100

130 30.6 12.5 52.5

64 46.3 25.3 65.3



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





#9

Benzaldehyde

Concen: 36.960 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampleId :

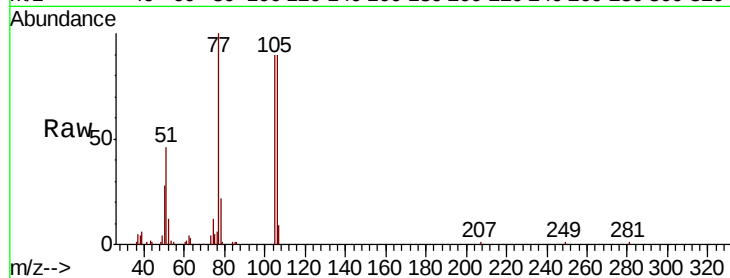
Tot Ion: 77 Resp: 56697

Ion Ratio Lower Upper

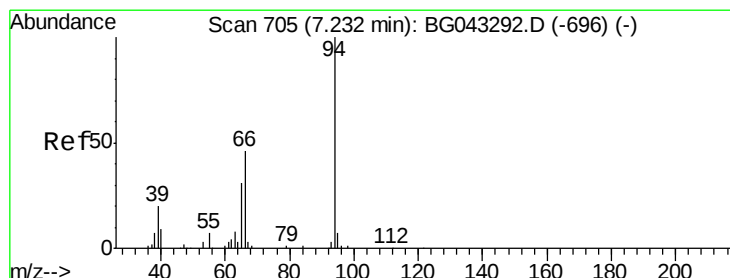
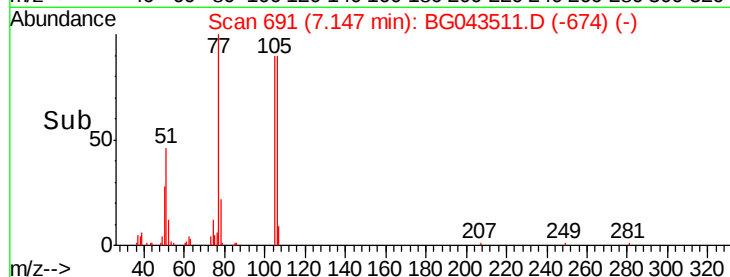
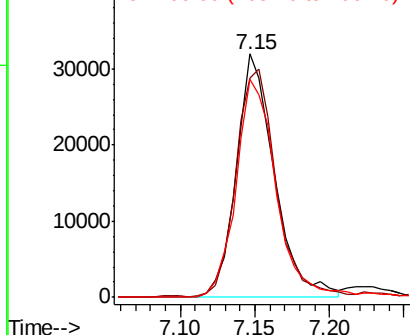
77 100

105 90.1 68.6 108.6

106 89.6 69.9 109.9



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



#10

Phenol

Concen: 48.749 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

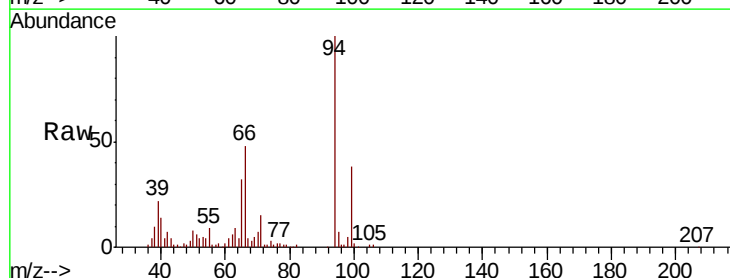
Tgt Ion: 94 Resp: 139051

Ion Ratio Lower Upper

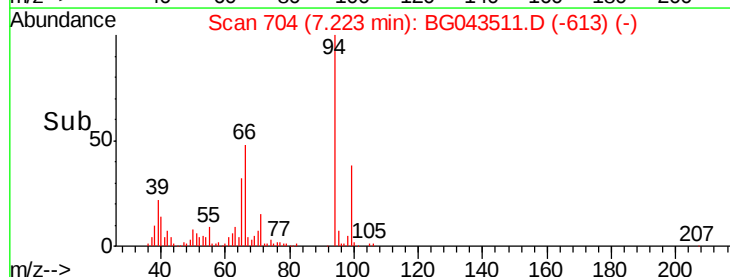
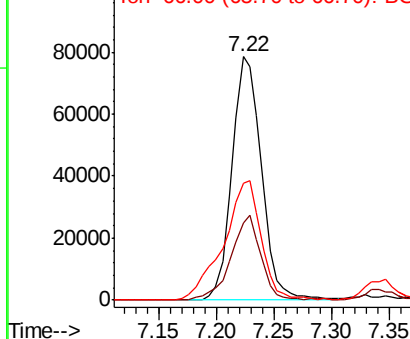
94 100

65 31.7 12.6 52.6

66 48.1 30.7 70.7



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

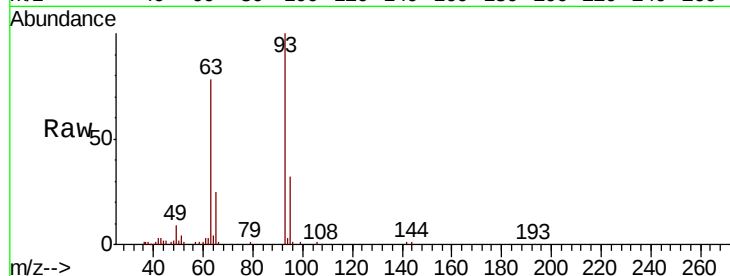




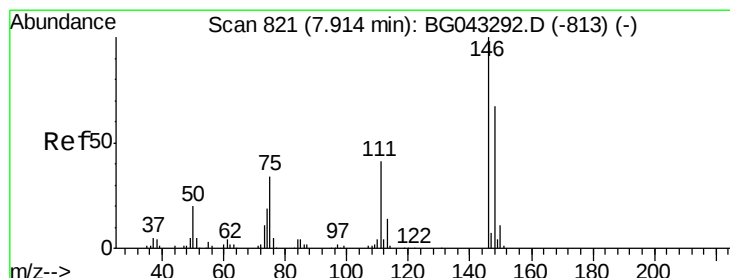
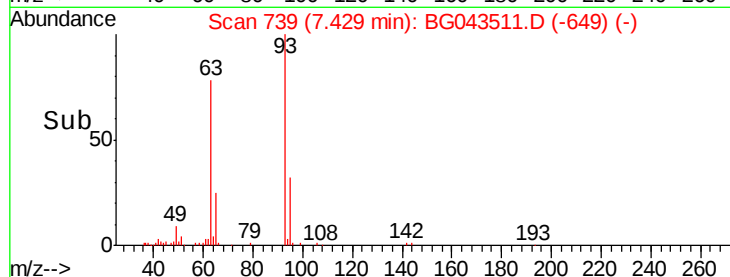
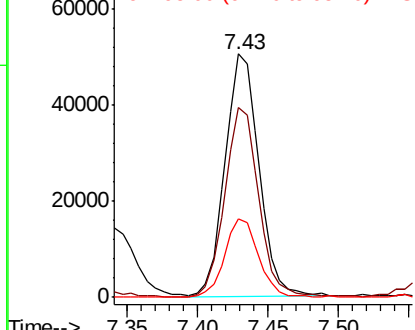
#11
bis(2-Chloroethyl)ether
Concen: 38.284 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 84428
Ion Ratio Lower Upper
93 100
63 78.1 56.3 96.3
95 32.5 12.2 52.2

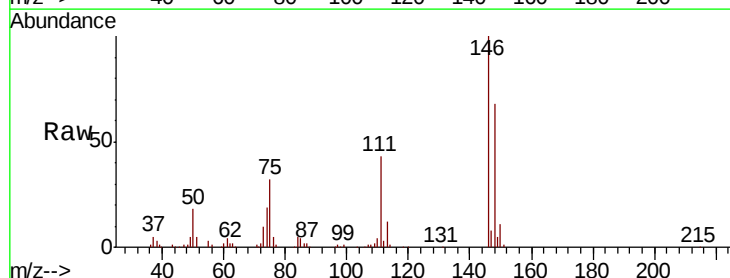


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

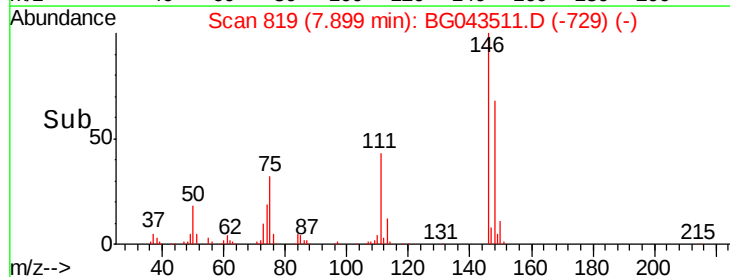
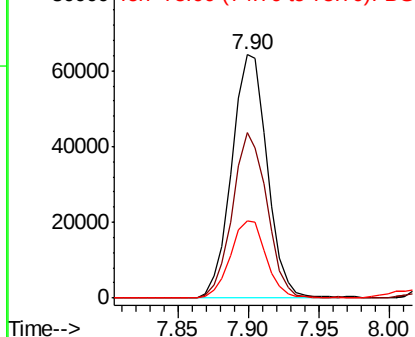


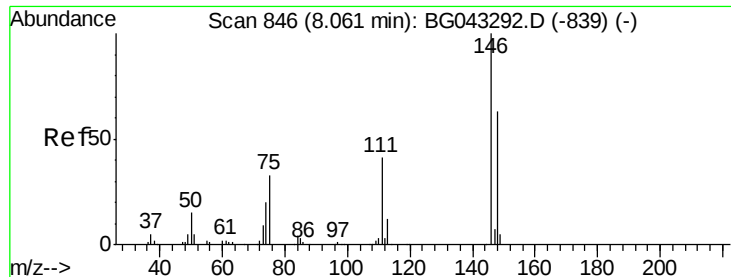
#12
1,3-Dichlorobenzene
Concen: 37.504 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion: 146 Resp: 112537
Ion Ratio Lower Upper
146 100
148 68.0 50.3 75.5
75 32.0 24.6 37.0



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





#13

1,4-Dichlorobenzene

Concen: 37.892 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampleId :

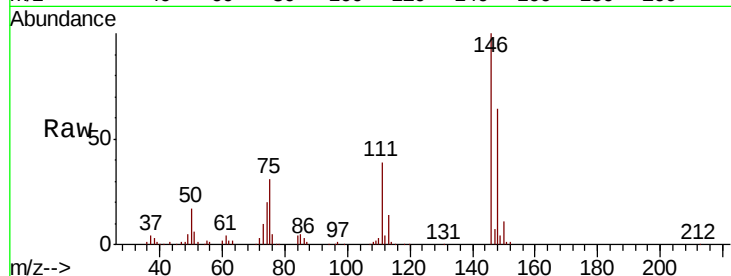
Tot Ion:146 Resp: 115039

Ion Ratio Lower Upper

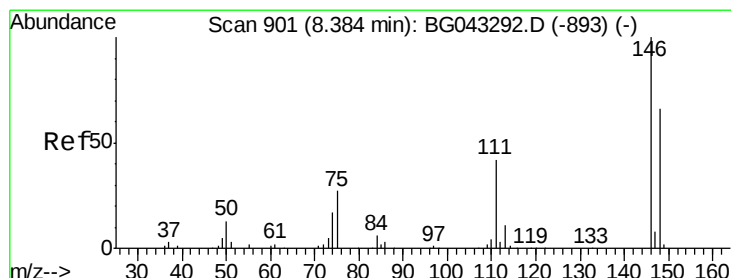
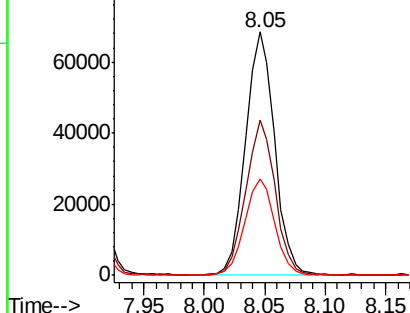
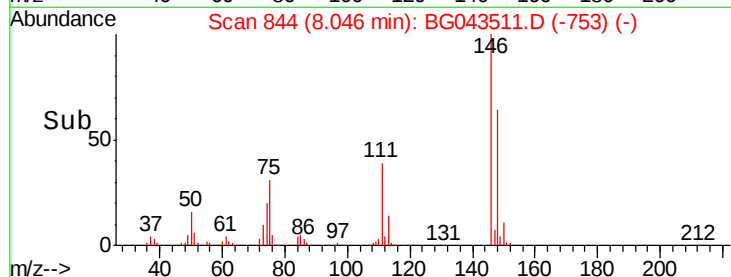
146 100

148 63.8 50.7 76.1

111 39.4 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: 37.275 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

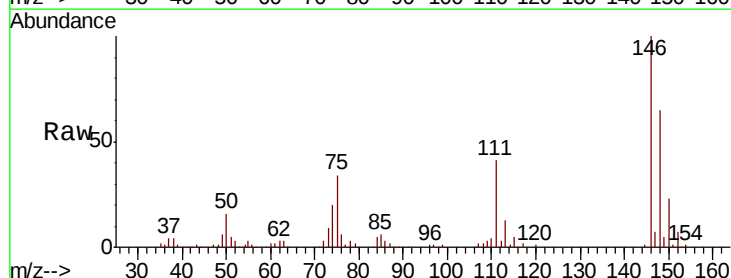
Tgt Ion:146 Resp: 110494

Ion Ratio Lower Upper

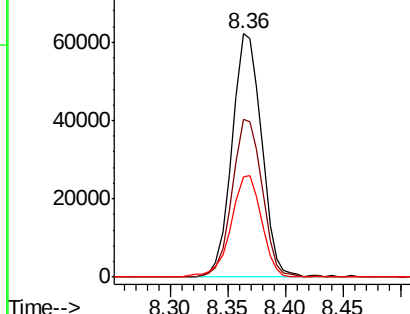
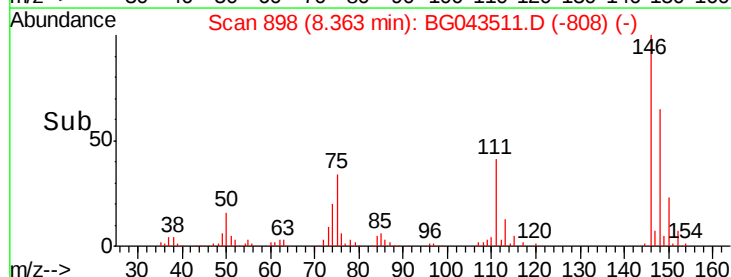
146 100

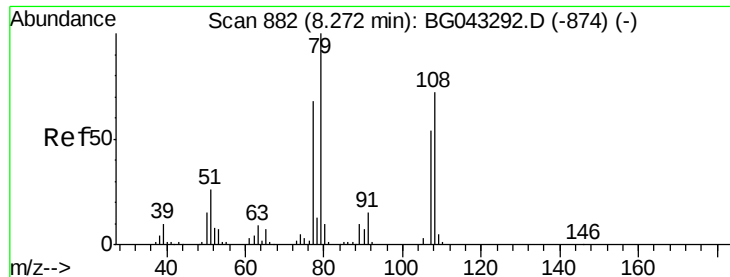
148 64.9 53.2 79.8

111 41.2 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: 41.839 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampleId :

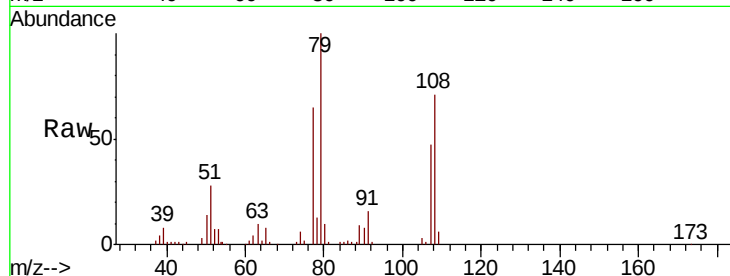
Tot Ion: 79 Resp: 91721

Ion Ratio Lower Upper

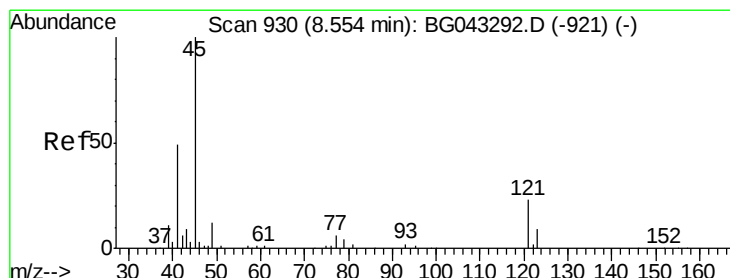
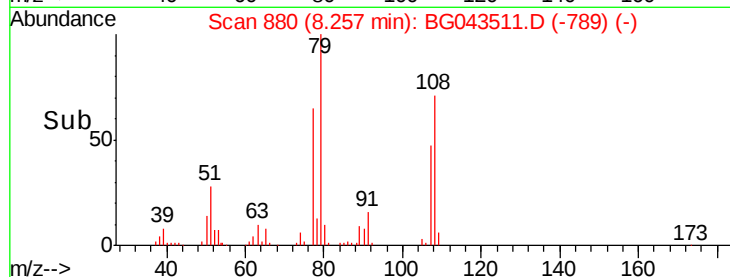
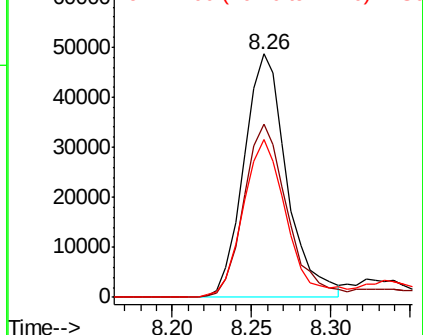
79 100

108 71.1 53.6 80.4

77 65.0 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: 35.749 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

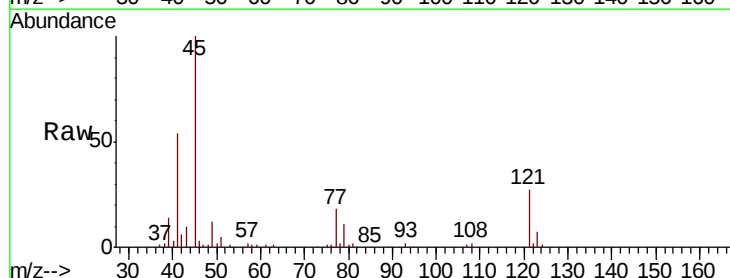
Tgt Ion: 45 Resp: 114635

Ion Ratio Lower Upper

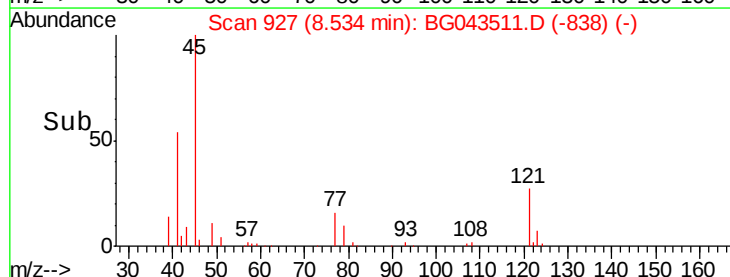
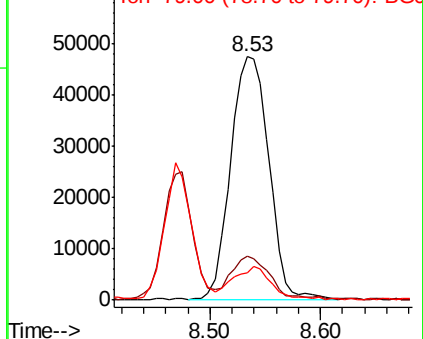
45 100

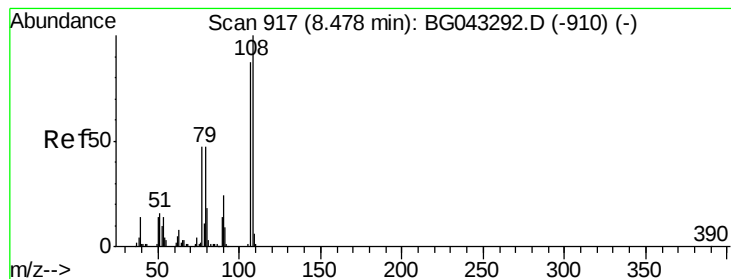
77 17.8 0.0 34.9

79 11.3 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

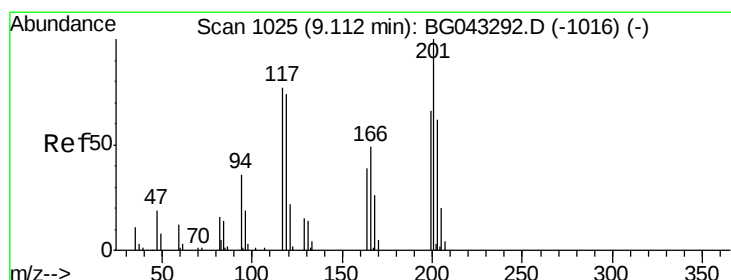
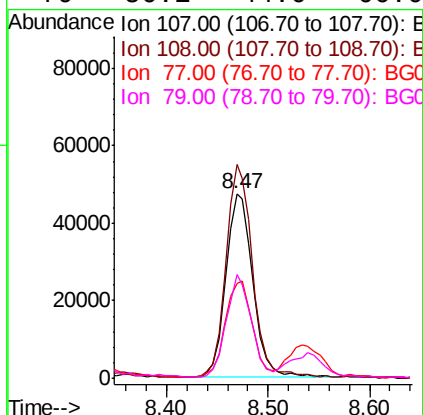
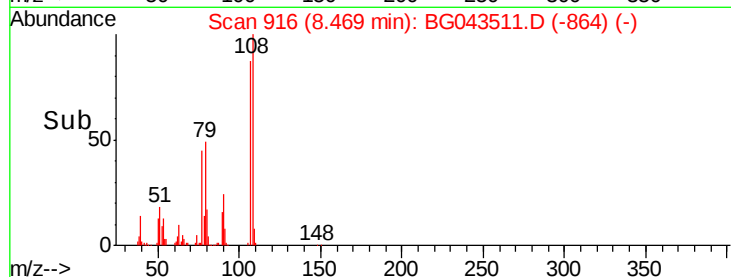
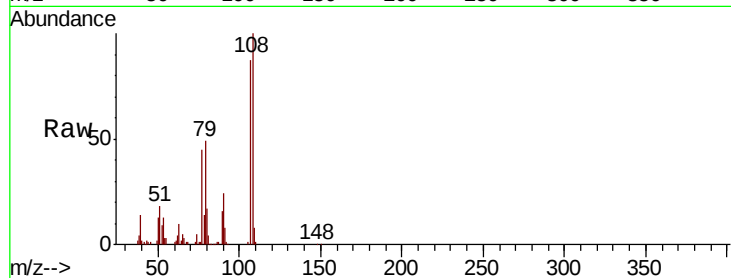




#17
2-Methylphenol
Concen: 41.984 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

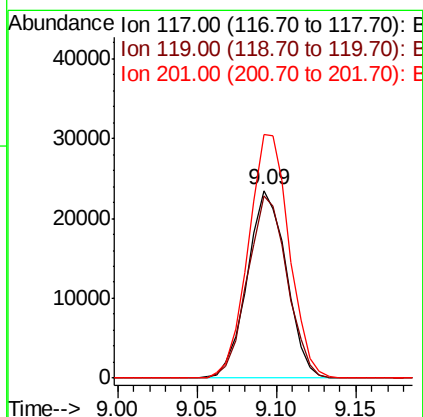
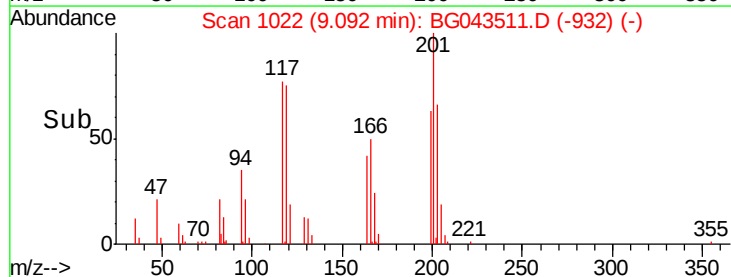
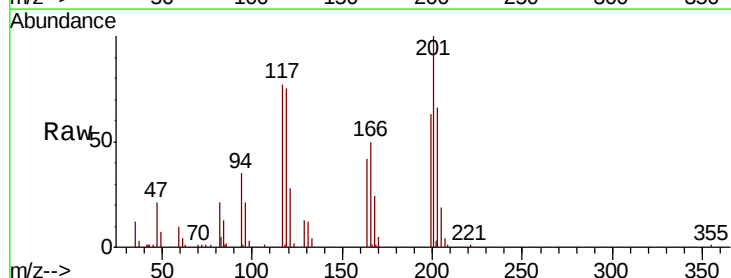
Instrument :
BNA_G
ClientSampleId :

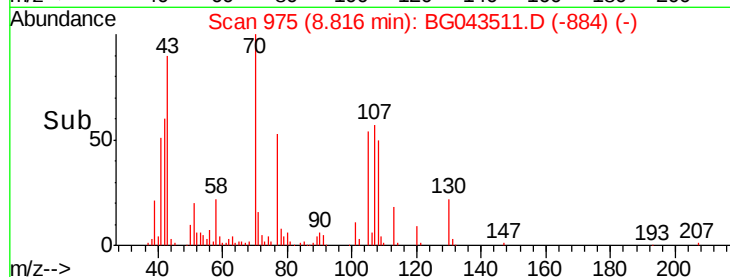
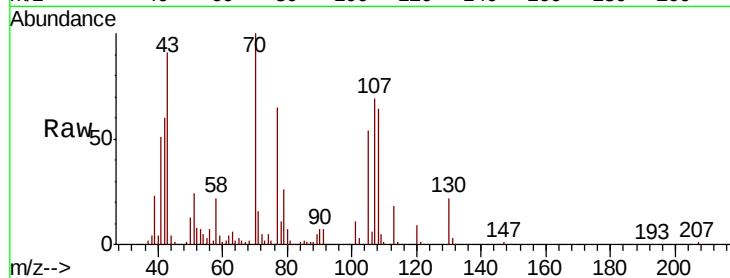
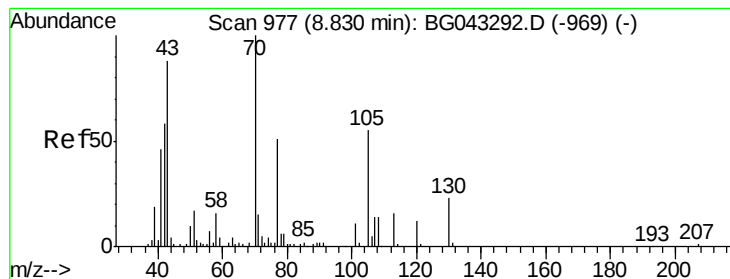
Tot Ion:107 Resp: 87302
Ion Ratio Lower Upper
107 100
108 115.6 90.2 135.4
77 51.4 40.2 60.2
79 56.1 44.0 66.0



#18
Hexachloroethane
Concen: 36.809 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion:117 Resp: 40318
Ion Ratio Lower Upper
117 100
119 97.3 79.0 118.4
201 130.0 105.4 158.2





#19

n-Nitroso-di-n-propylamine

Concen: 38.889 ng

RT: 8.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 78441

Ion Ratio Lower Upper

70 100

42 60.4 41.4 62.2

101 10.9 7.9 11.9

130 21.6 19.0 28.4

Abundance

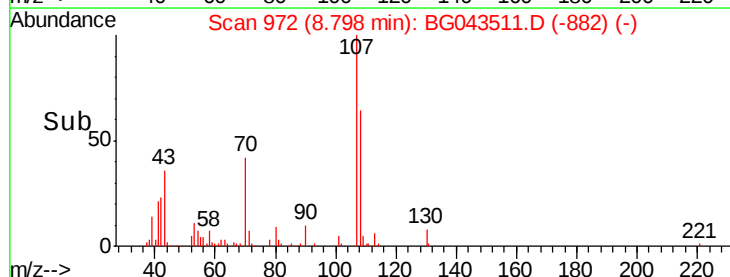
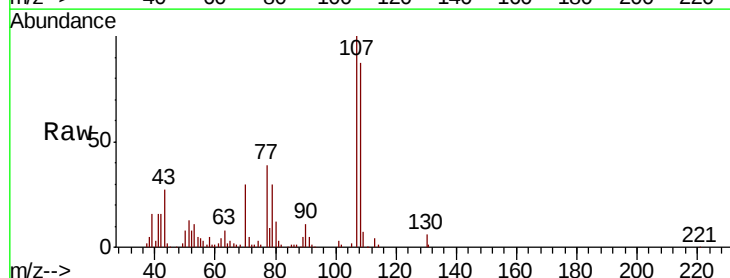
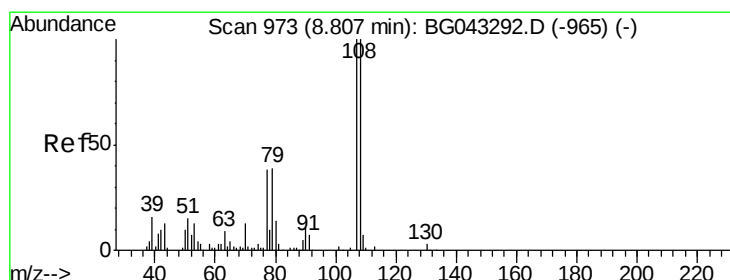
Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Time-->



#20

3+4-Methylphenols

Concen: 42.815 ng

RT: 8.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion:107 Resp: 122082

Ion Ratio Lower Upper

107 100

108 87.0 66.6 106.6

77 38.7 20.9 60.9

79 29.8 11.3 51.3

Abundance

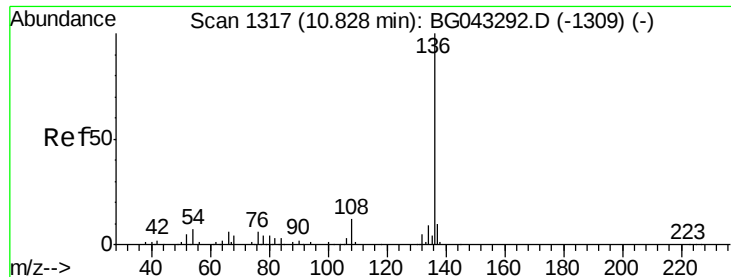
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 147263

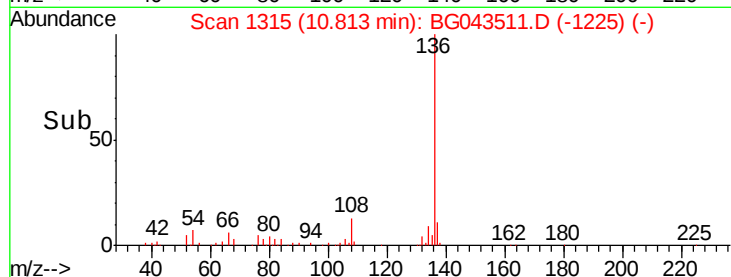
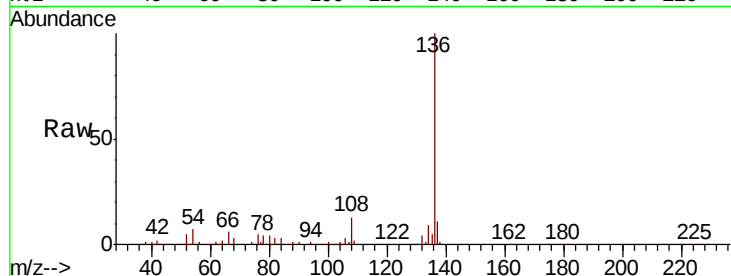
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.1 5.4 8.2

68 3.4 3.0 4.4

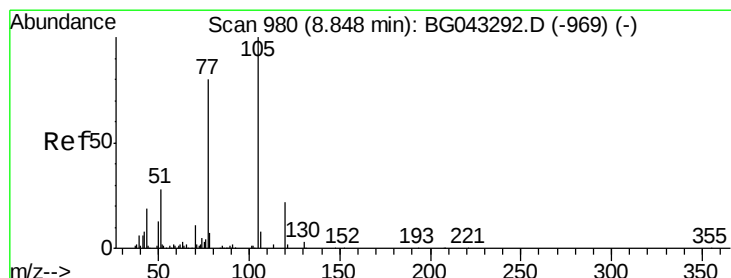
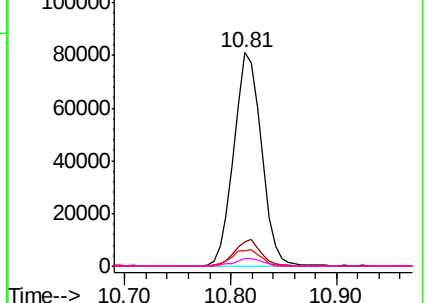


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.704 ng

RT: 8.83 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion:105 Resp: 153506

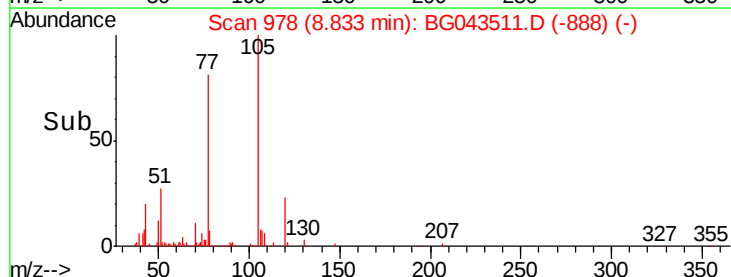
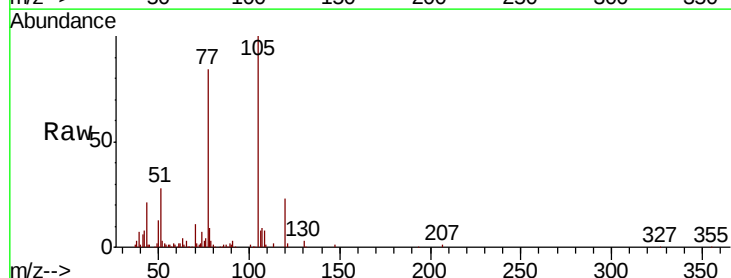
Ion Ratio Lower Upper

105 100

71 2.1 0.8 1.2#

51 27.7 21.0 31.4

120 22.9 18.0 27.0

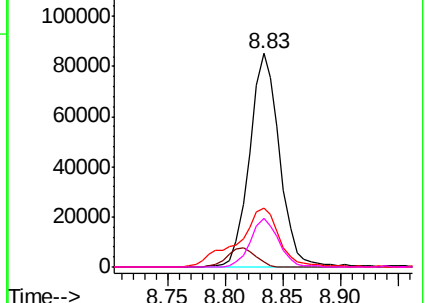


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

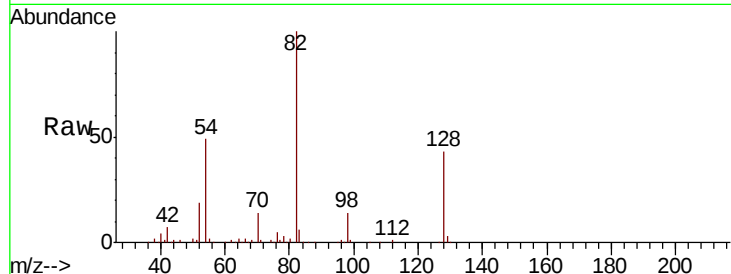




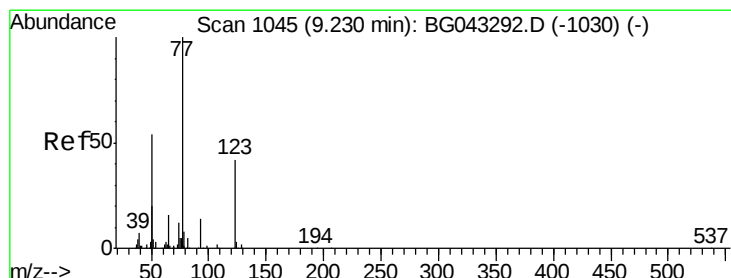
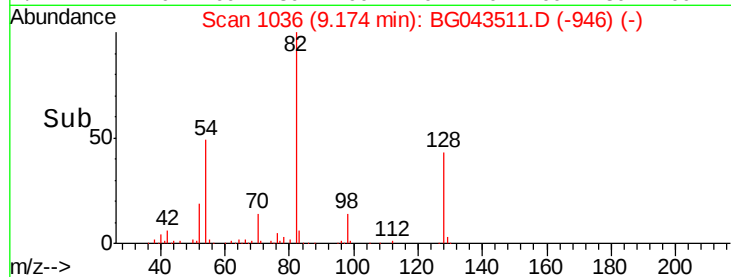
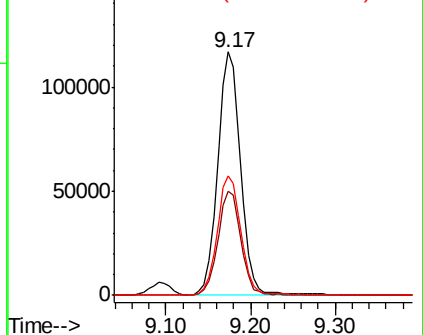
#23
Nitrobenzene-d5
Concen: 76.812 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	219411
Ion Ratio	100	Lower	Upper
128	42.9	35.0	52.6
54	49.1	40.2	60.2

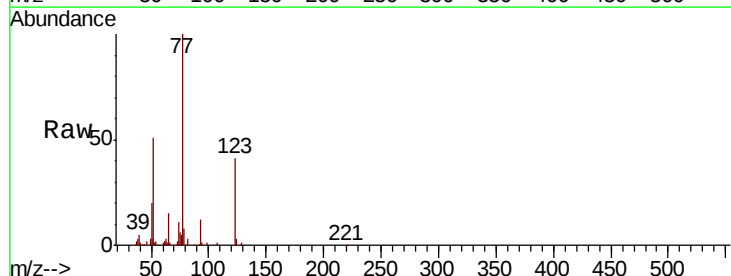


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

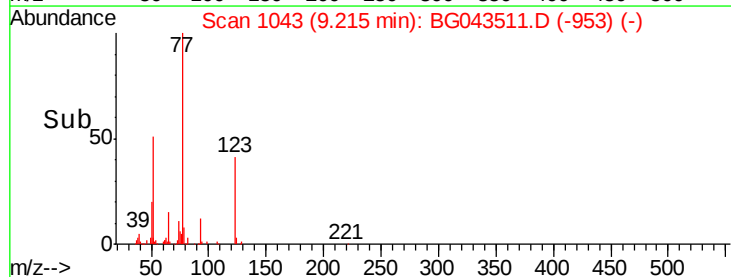
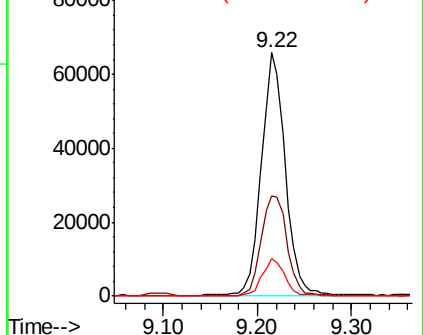


#24
Nitrobenzene
Concen: 42.996 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	77	Resp	116996
Ion Ratio	100	Lower	Upper
123	41.1	35.0	52.6
65	15.4	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

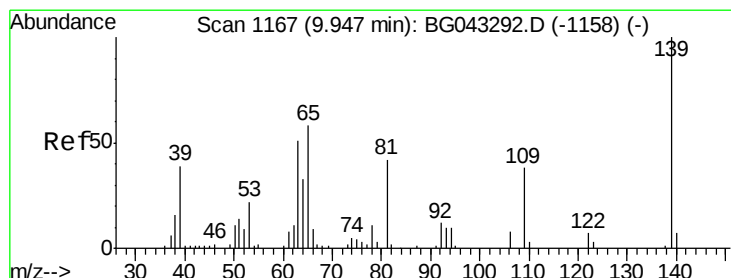
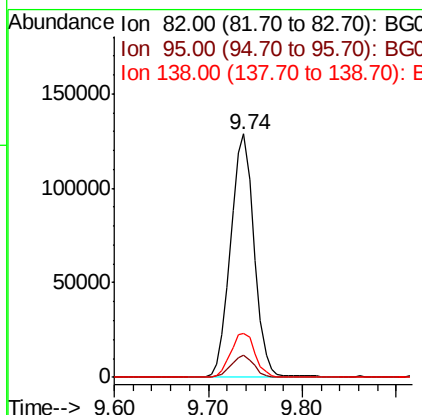
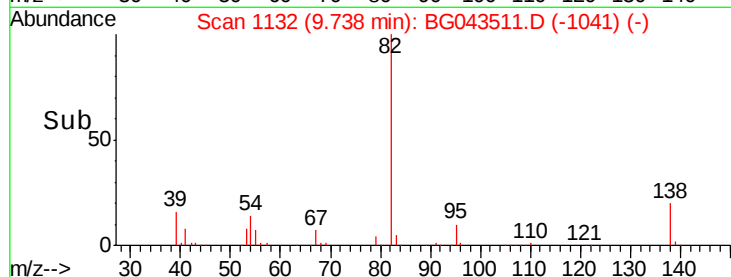
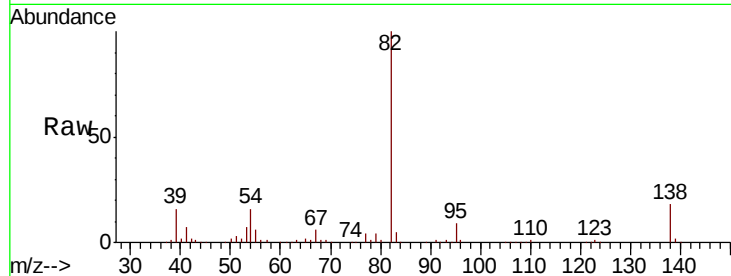




#25
Isophorone
Concen: 43.049 ng
RT: 9.74 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

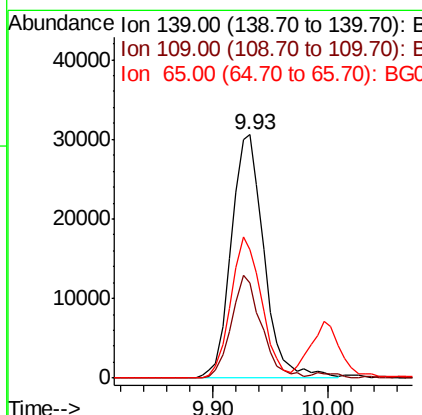
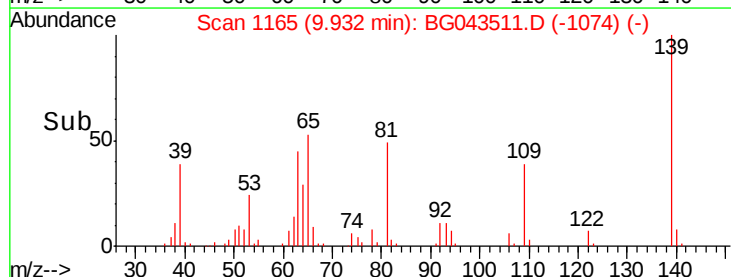
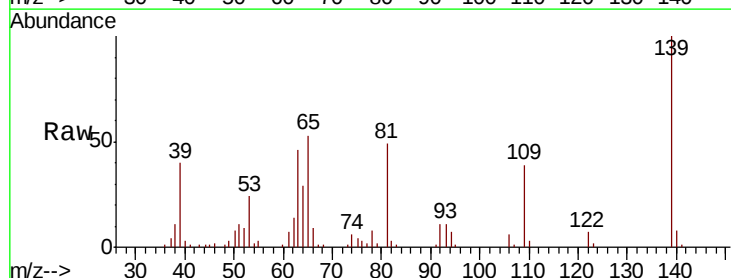
Instrument :
BNA_G
ClientSampleId :

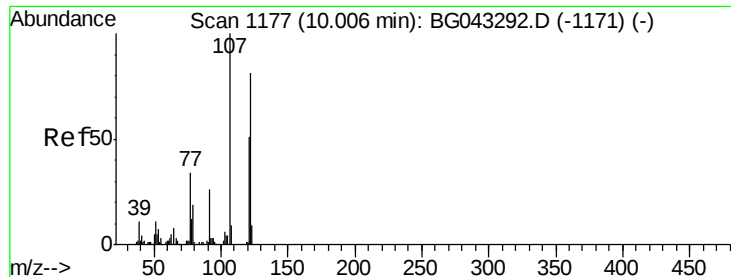
Tot Ion: 82 Resp: 224819
Ion Ratio Lower Upper
82 100
95 8.9 6.6 9.8
138 18.3 15.2 22.8



#26
2-Nitrophenol
Concen: 45.724 ng
RT: 9.93 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion: 139 Resp: 60068
Ion Ratio Lower Upper
139 100
109 39.1 26.5 39.7
65 52.8 43.8 65.8

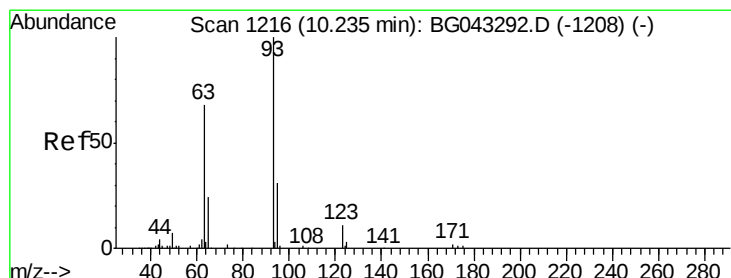
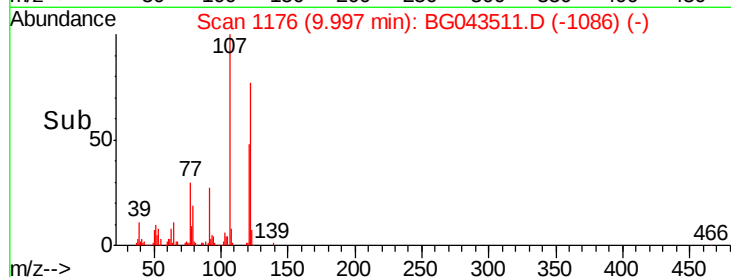
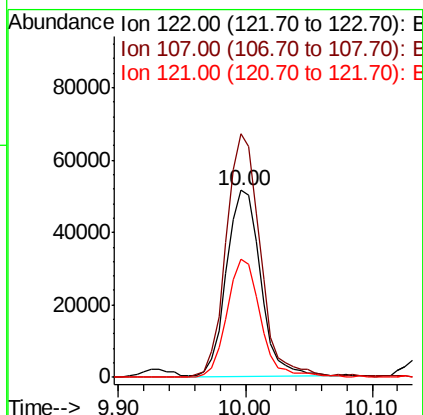
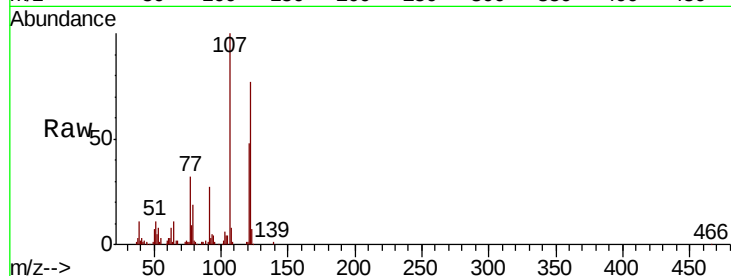




#27
2,4-Dimethylphenol
Concen: 51.072 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

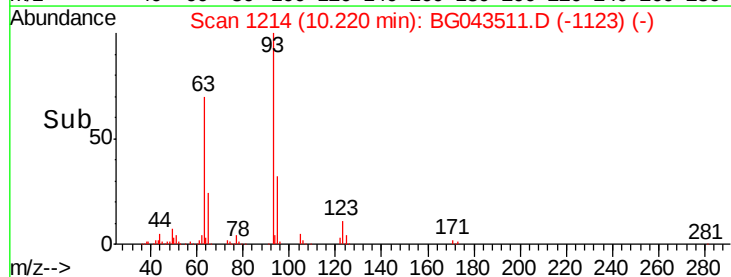
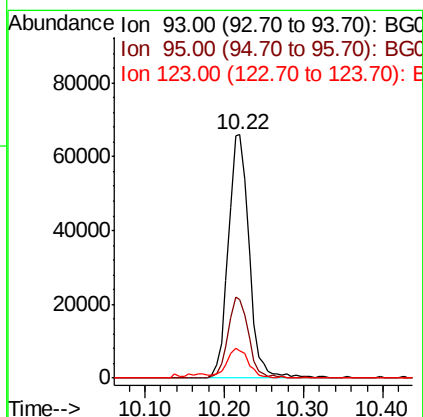
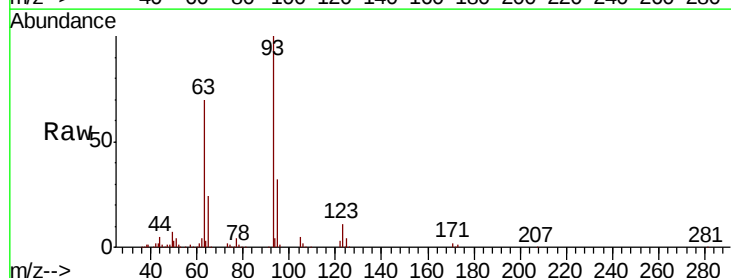
Instrument :
BNA_G
ClientSampleId :

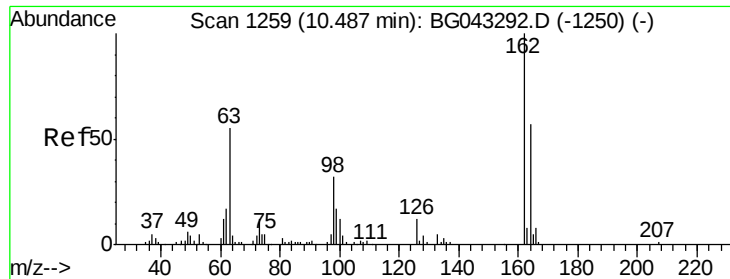
Tot Ion	Ratio	Lower	Upper
122	100		
107	130.4	104.4	156.6
121	63.2	47.2	70.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.670 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	11.5	10.6	15.8

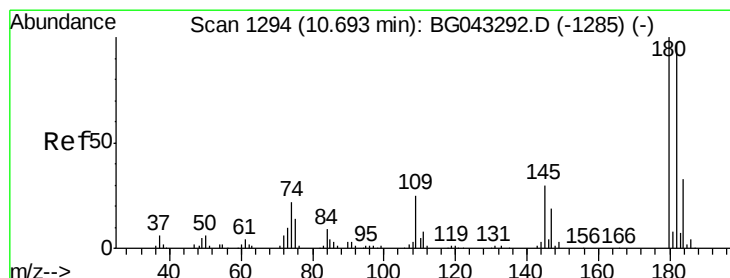
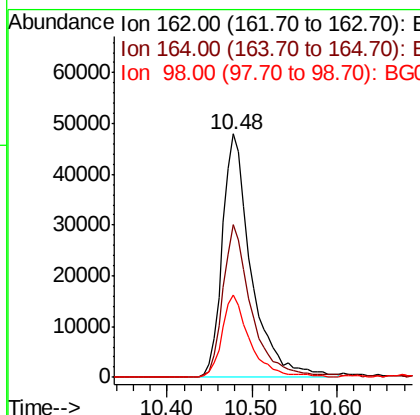
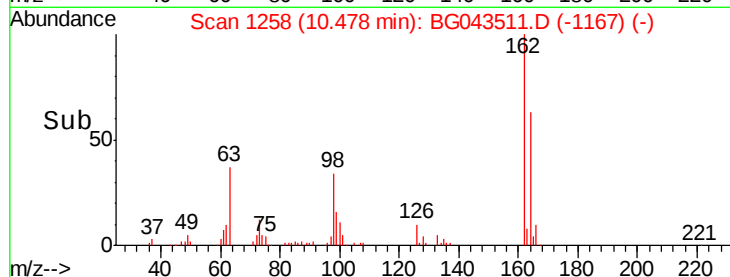
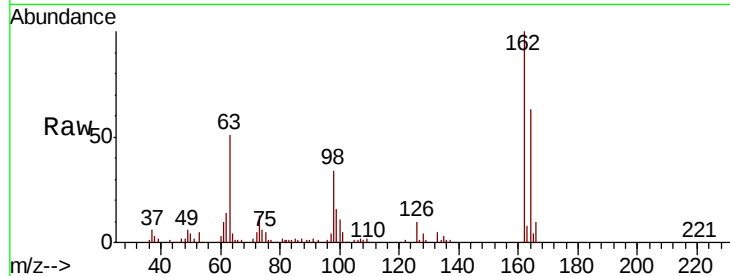




#29
 2,4-Dichlorophenol
 Concen: 47.199 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

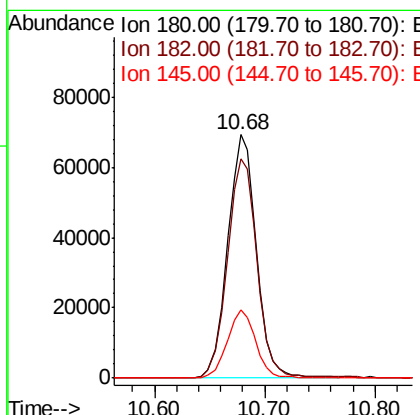
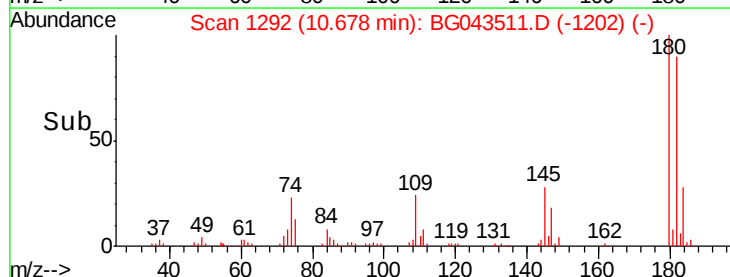
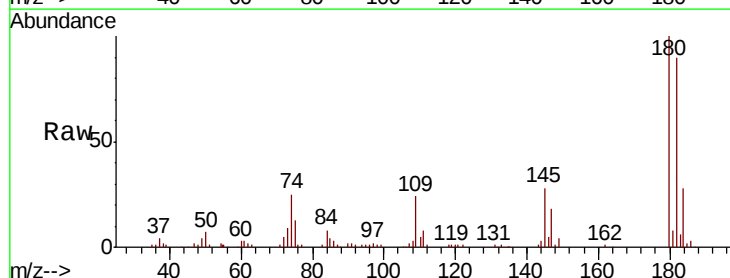
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	48.9	88.9
98	34.0	15.1	55.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.380 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.3	75.1	112.7
145	27.9	23.9	35.9

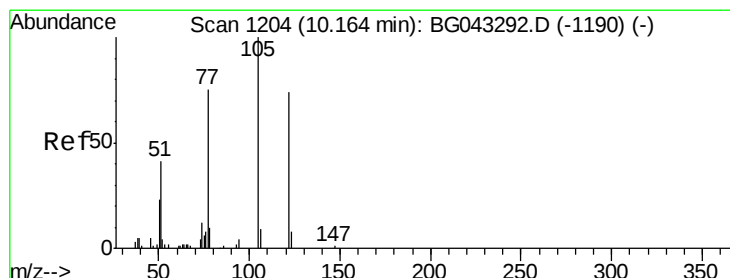
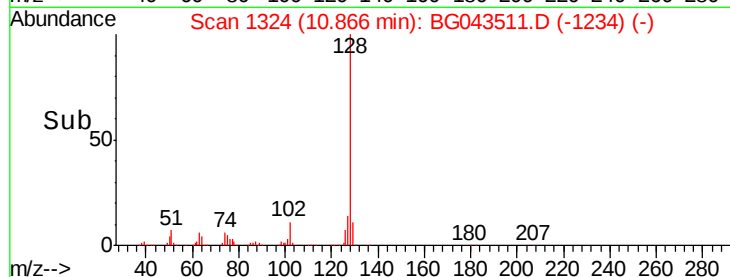
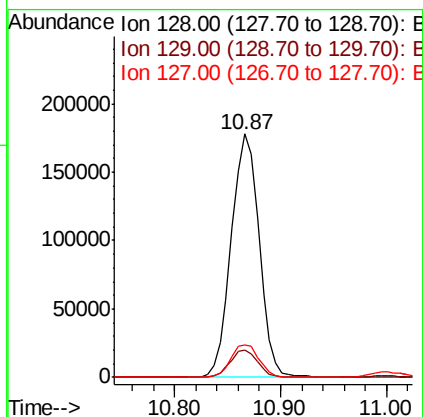
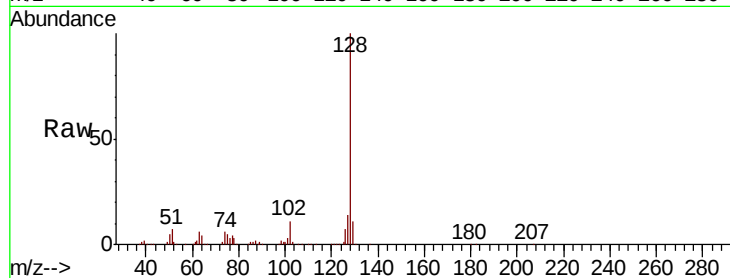




#31
Naphthalene
Concen: 43.448 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

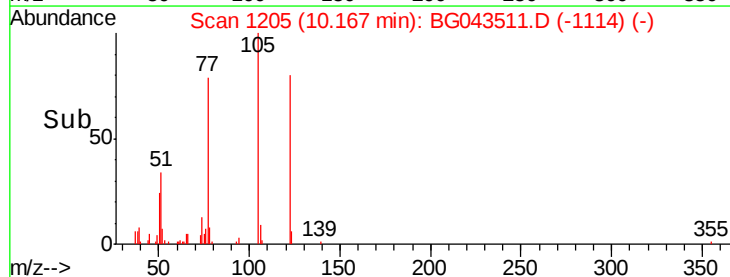
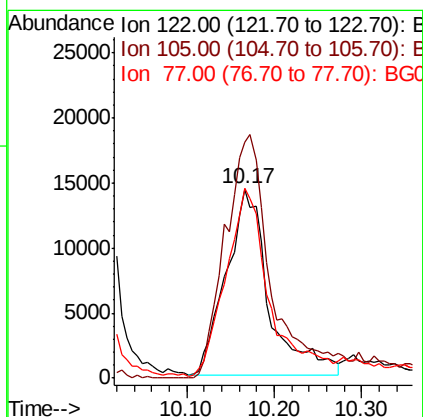
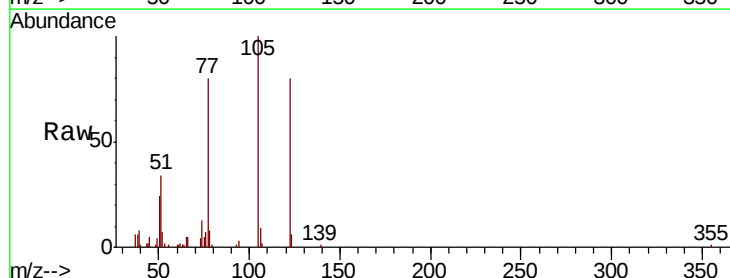
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 324776
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 13.5 11.1 16.7



#32
Benzoic acid
Concen: 36.126 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion:122 Resp: 47973
Ion Ratio Lower Upper
122 100
105 125.2 103.3 143.3
77 100.5 84.9 124.9

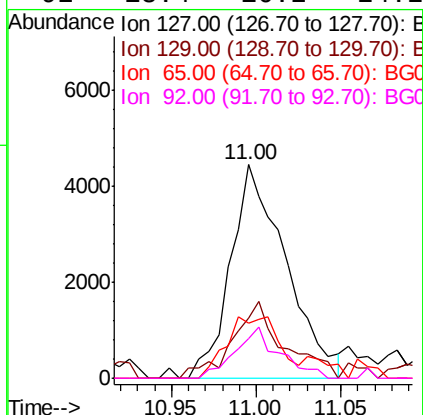
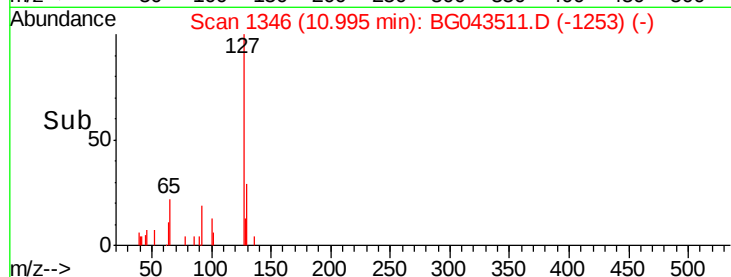
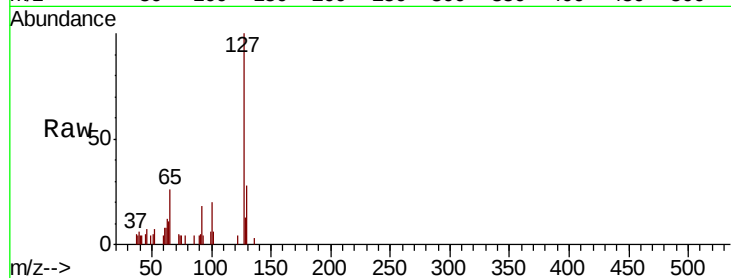




#33
4-Chloroaniline
Concen: 3.313 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

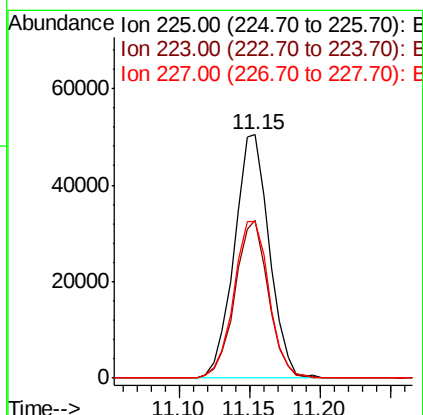
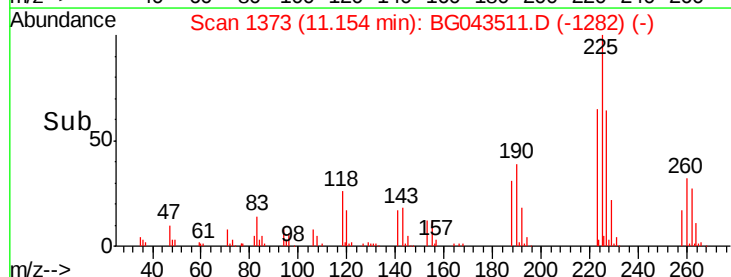
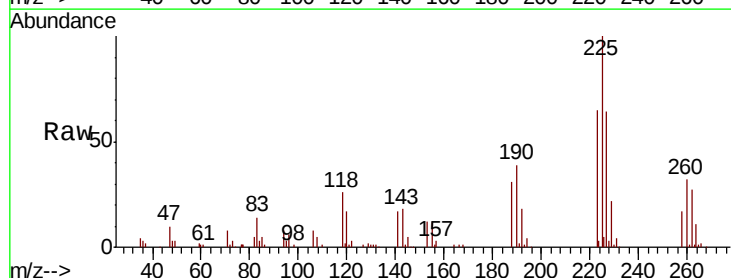
Instrument :
BNA_G
ClientSampleId :

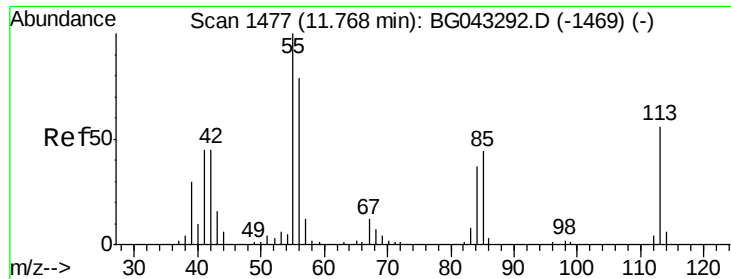
Tot Ion	Ratio	Lower	Upper
127	100		
129	28.1	26.5	39.7
65	25.7	26.4	39.6
92	18.4	16.2	24.2



#34
Hexachlorobutadiene
Concen: 38.742 ng
RT: 11.15 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	52.7	79.1
227	64.5	54.8	82.2

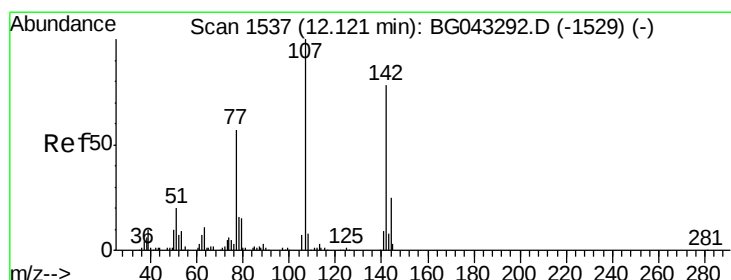
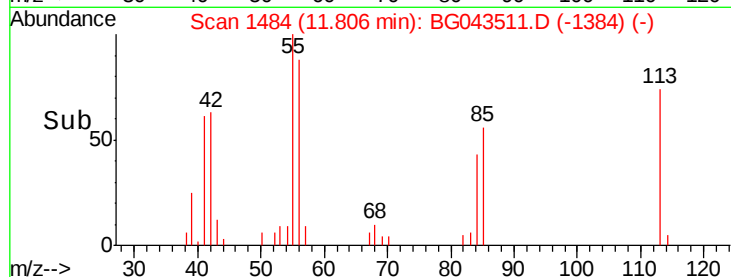
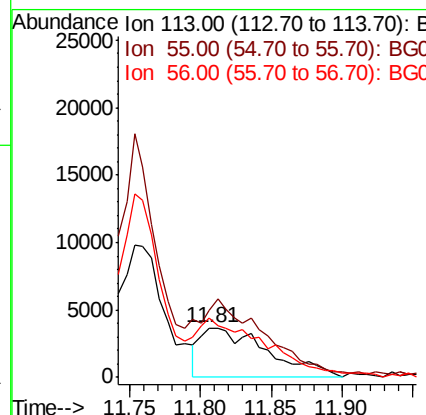
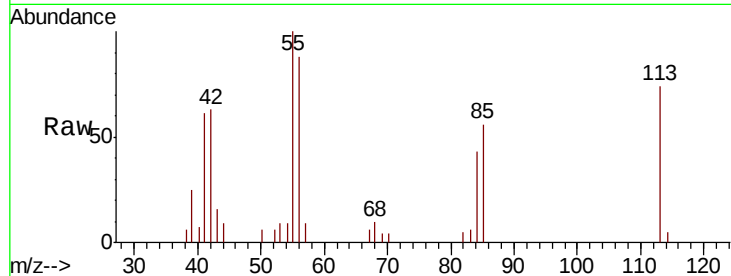




#35
 Caprolactam
 Concen: 14.540 ng
 RT: 11.81 min Scan# 1484
 Delta R.T. 0.06 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

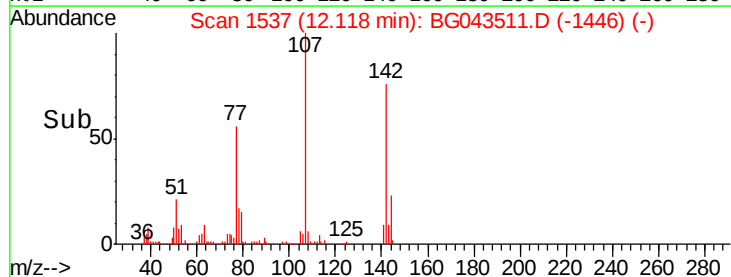
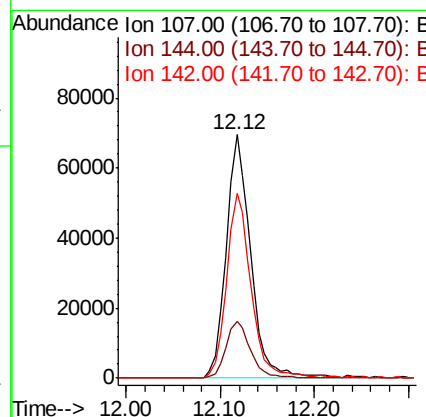
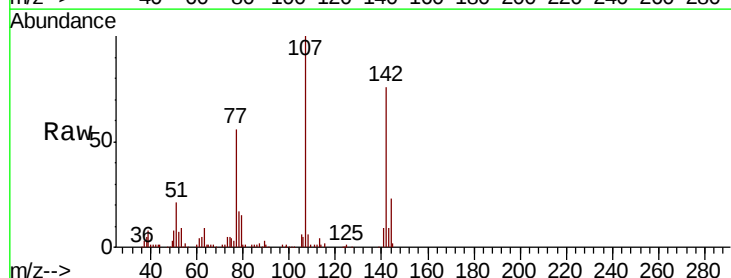
Instrument :
 BNA_G
 ClientSampled :

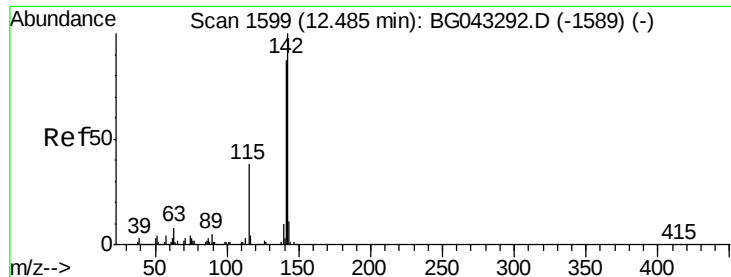
Tot Ion:113 Resp: 12081
 Ion Ratio Lower Upper
 113 100
 55 134.8 134.1 174.1
 56 118.6 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 47.627 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Tgt Ion:107 Resp: 125331
 Ion Ratio Lower Upper
 107 100
 144 23.3 20.9 31.3
 142 75.9 59.6 89.4

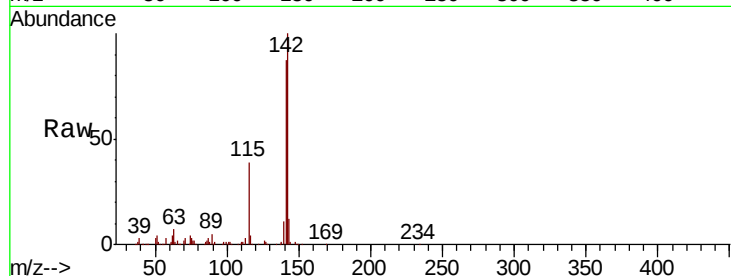




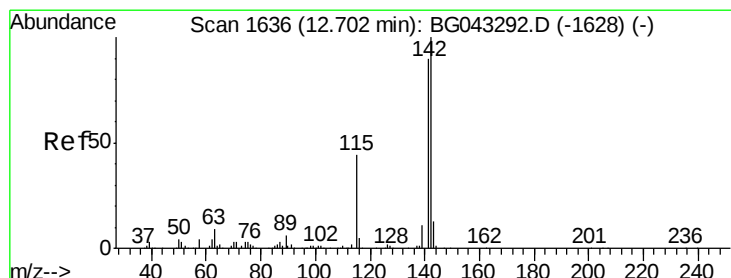
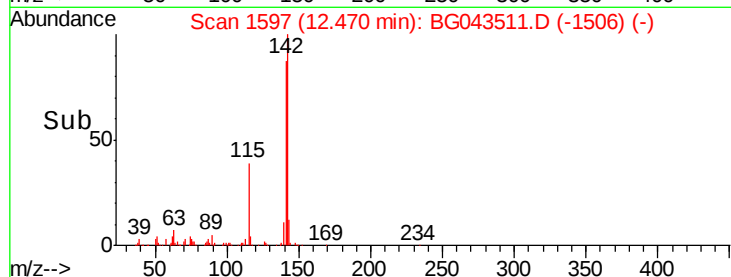
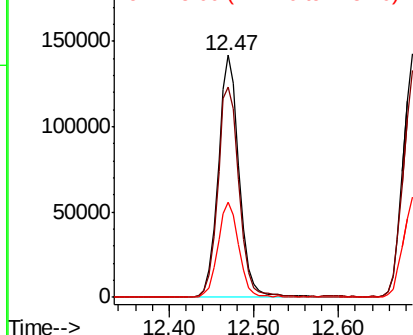
#37
2-Methylnaphthalene
Concen: 42.585 ng
RT: 12.47 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	72.2	108.2
115	39.4	33.2	49.8

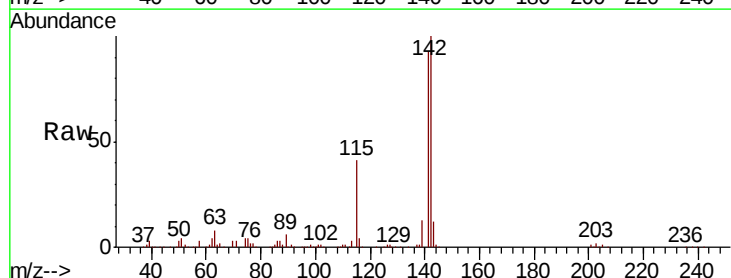


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

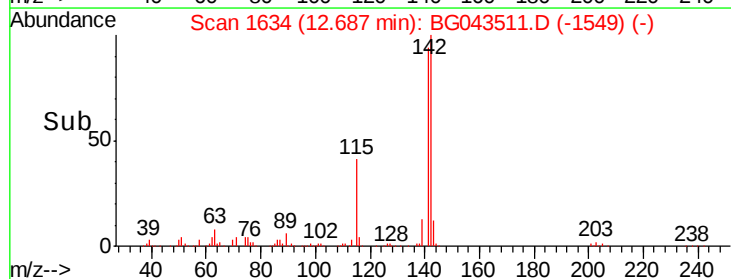
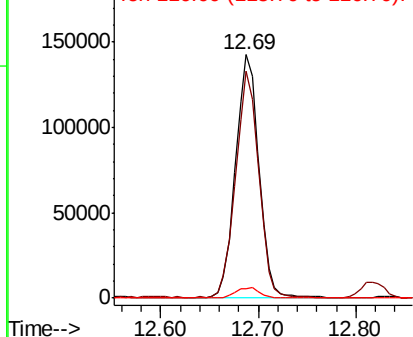


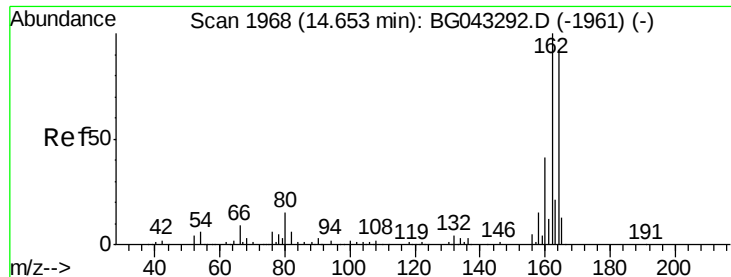
#38
1-Methylnaphthalene
Concen: 43.378 ng
RT: 12.69 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.2	109.8
116	3.8	3.6	5.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampleId :

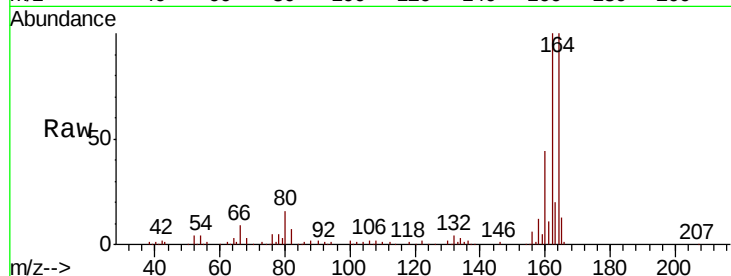
Tot Ion:164 Resp: 107948

Ion Ratio Lower Upper

164 100

162 99.9 83.5 125.3

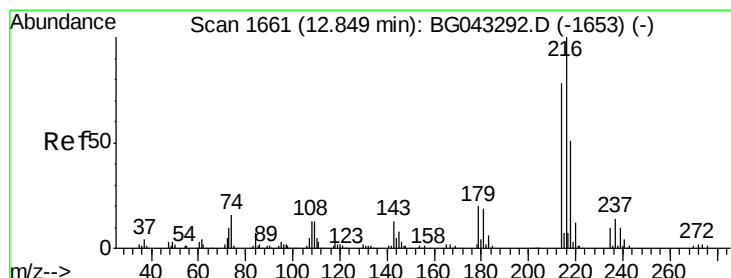
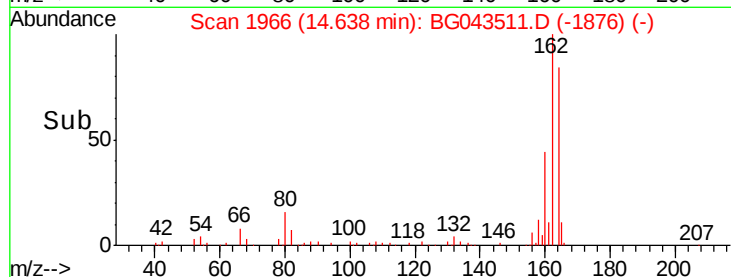
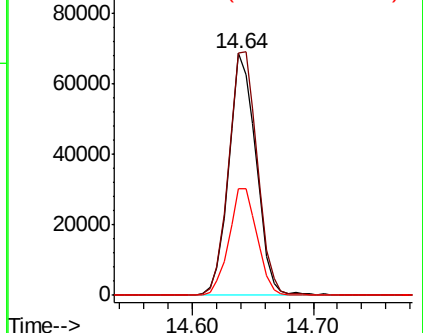
160 44.1 36.5 54.7



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: 38.806 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion:216 Resp: 155030

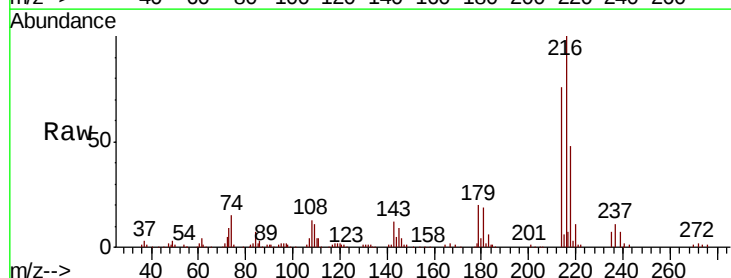
Ion Ratio Lower Upper

216 100

214 79.0 61.7 92.5

179 20.0 15.8 23.8

108 15.4 11.5 17.3

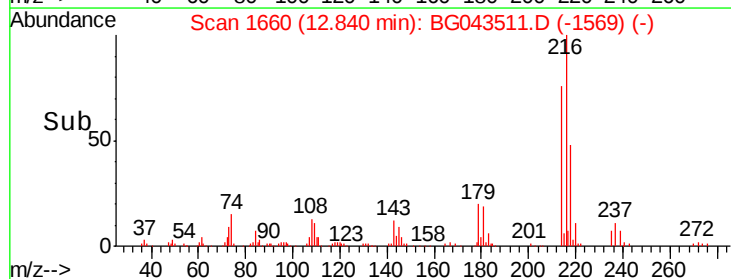
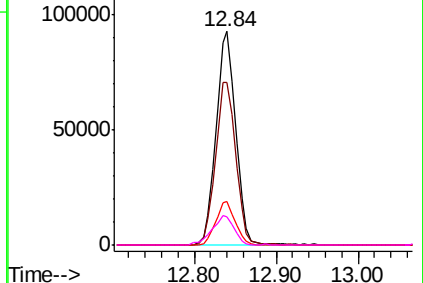


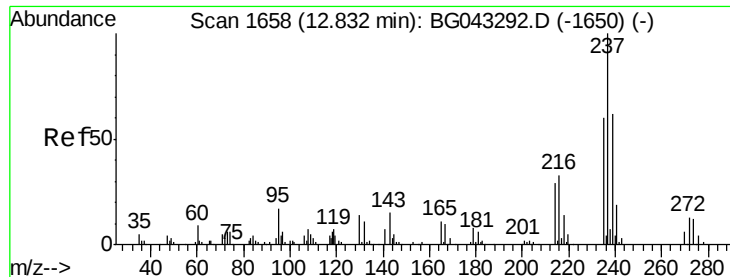
Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.973 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampleId :

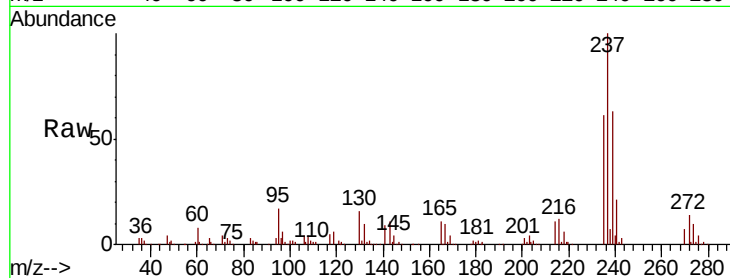
Tot Ion:237 Resp: 159437

Ion Ratio Lower Upper

237 100

235 60.6 41.6 81.6

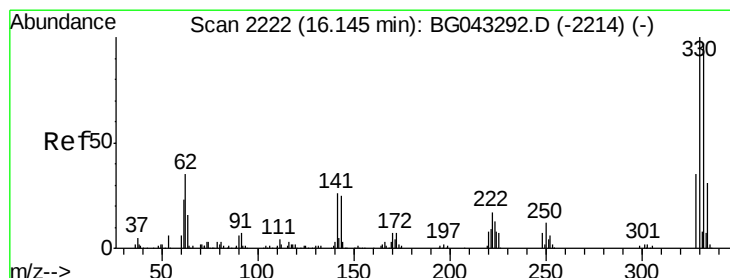
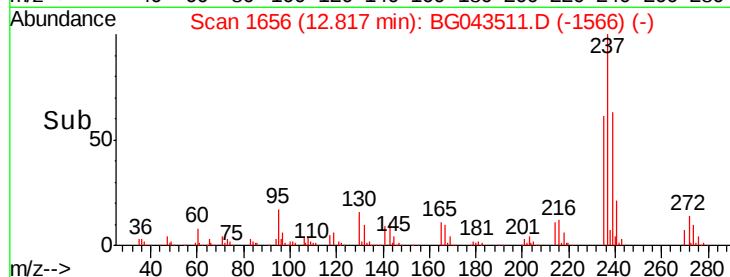
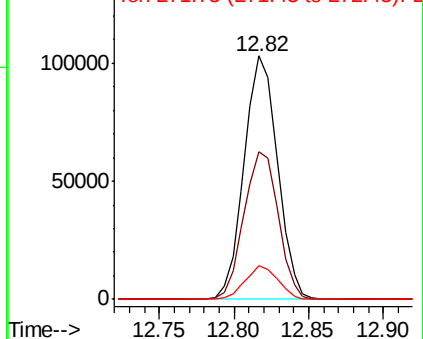
272 13.8 0.0 32.5



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: 118.085 ng

RT: 16.14 min Scan# 2221

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

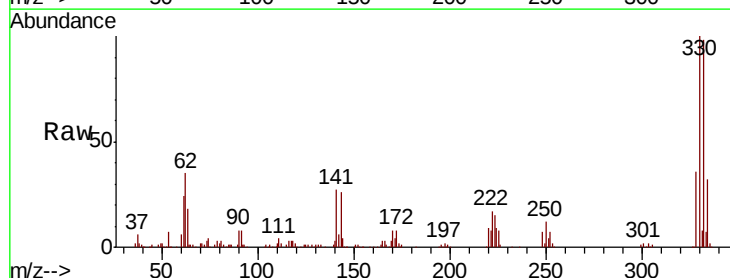
Tgt Ion:330 Resp: 242577

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

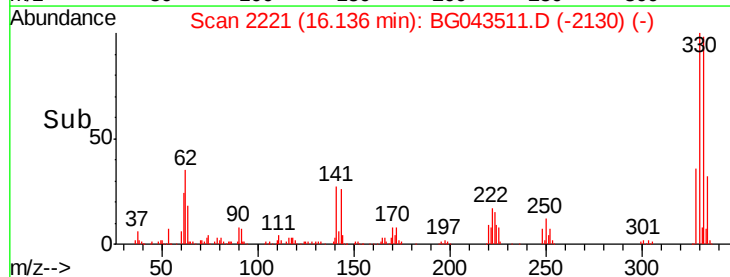
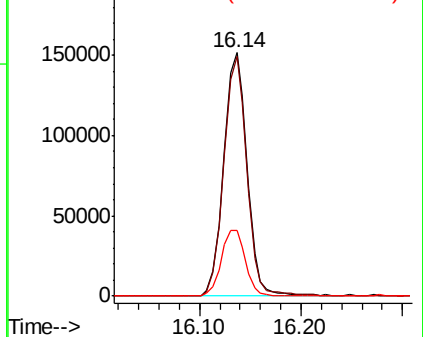
141 28.0 22.8 34.2

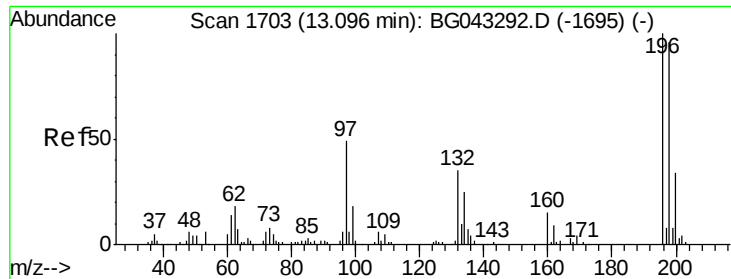


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

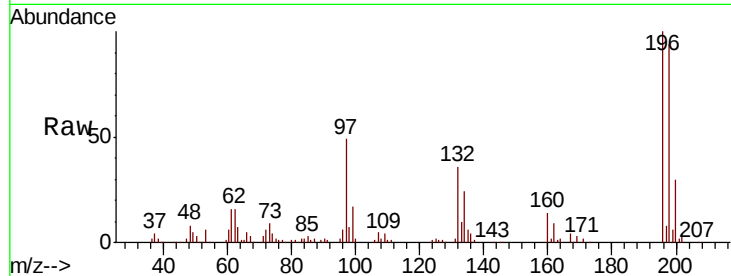




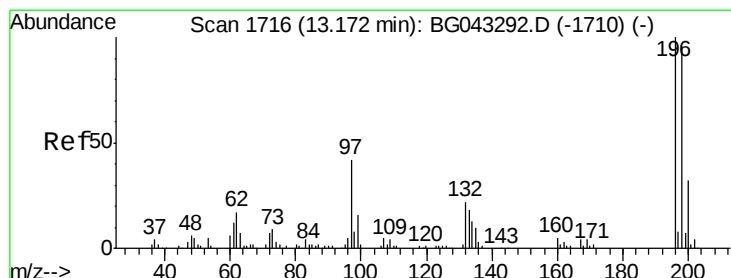
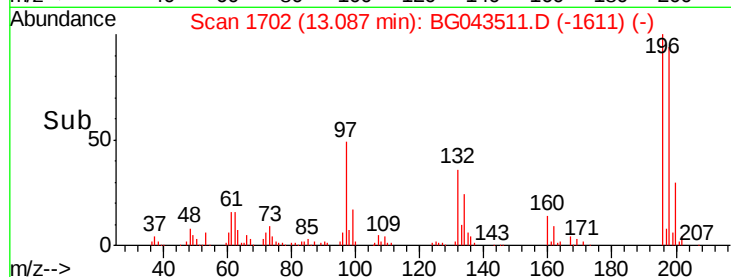
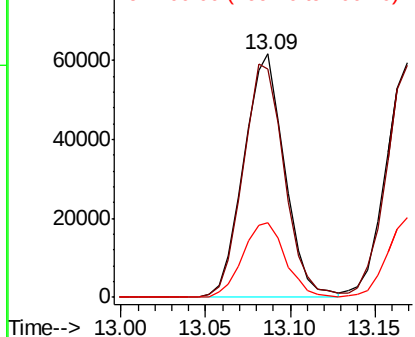
#43
 2,4,6-Trichlorophenol
 Concen: 44.148 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 103866
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.8 113.6
 200 30.4 23.9 35.9

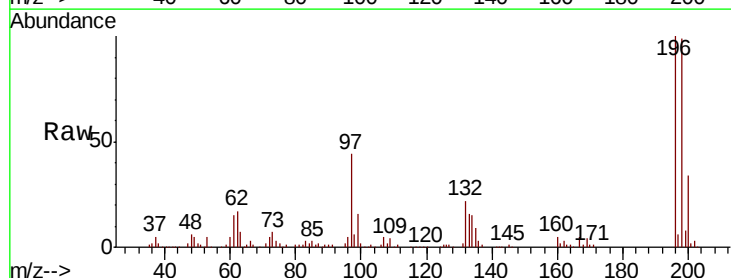


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

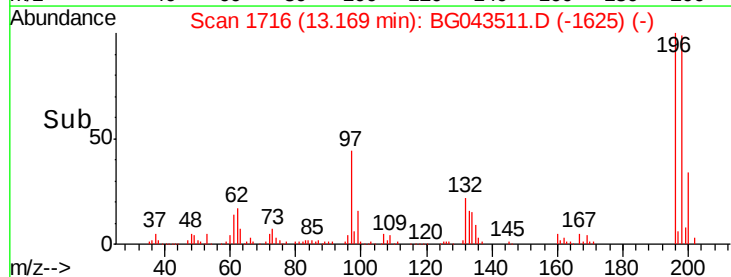
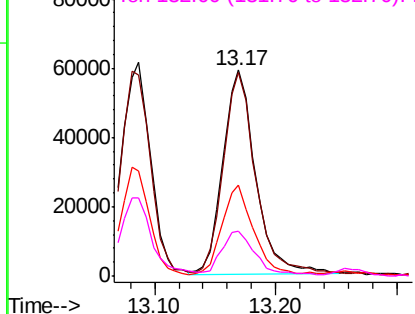


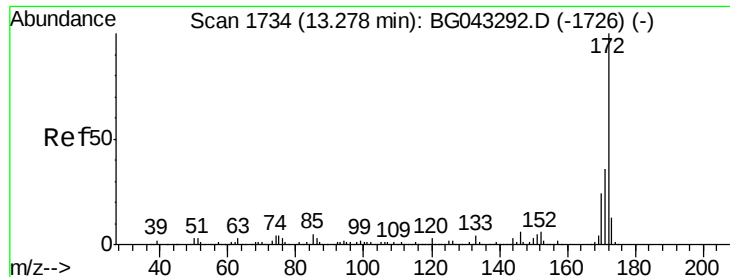
#44
 2,4,5-Trichlorophenol
 Concen: 46.462 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Tgt Ion:196 Resp: 110512
 Ion Ratio Lower Upper
 196 100
 198 98.7 74.5 111.7
 97 44.3 36.3 54.5
 132 22.0 17.4 26.2



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

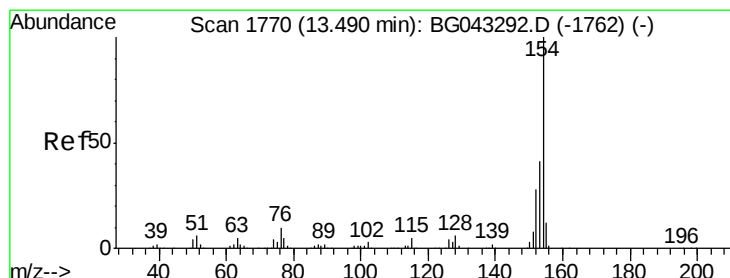
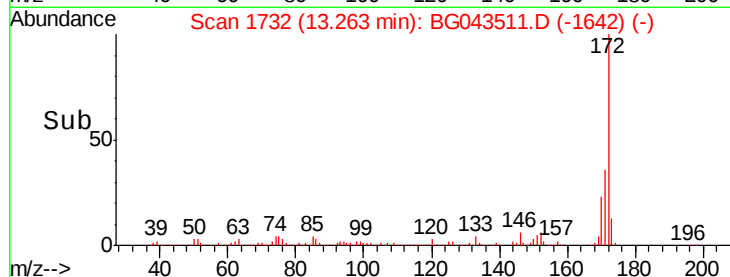
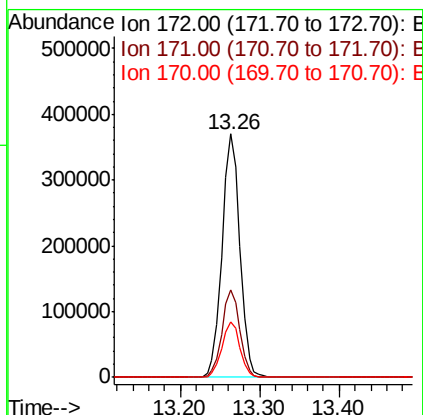
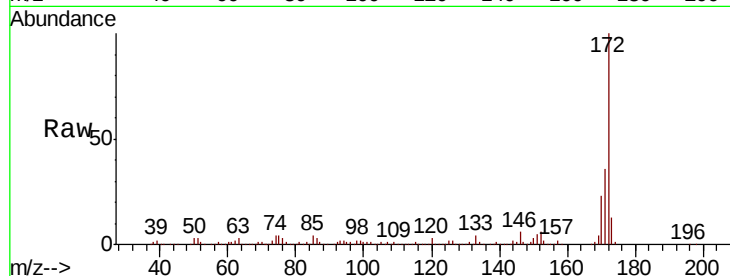




#45
2-Fluorobiphenyl
Concen: 73.727 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

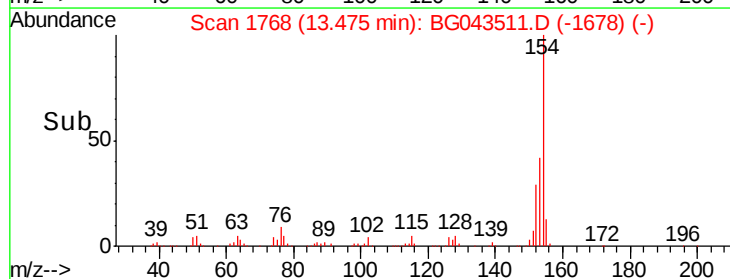
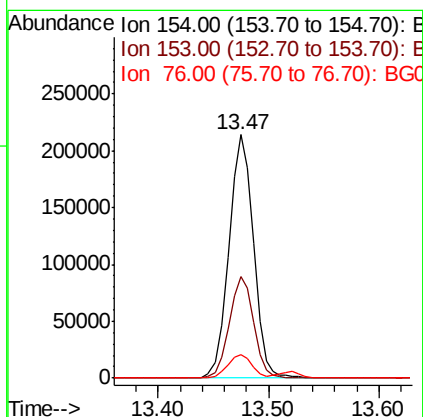
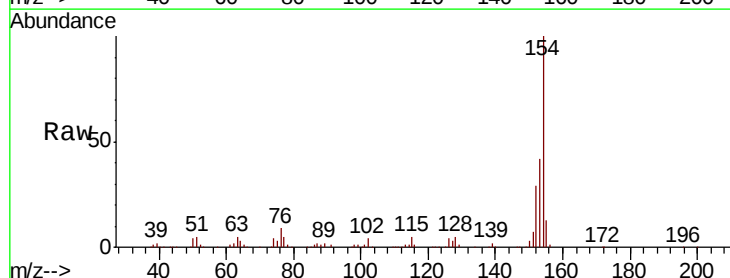
Instrument :
BNA_G
ClientSampleId :

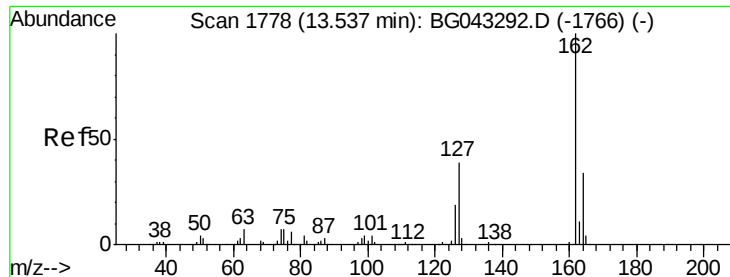
Tot Ion:172 Resp: 575960
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 22.8 18.5 27.7



#46
1,1'-Biphenyl
Concen: 40.734 ng
RT: 13.47 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion:154 Resp: 334512
Ion Ratio Lower Upper
154 100
153 41.6 19.9 59.9
76 9.5 0.0 29.4

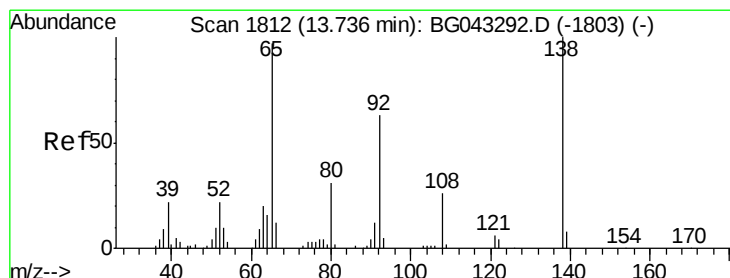
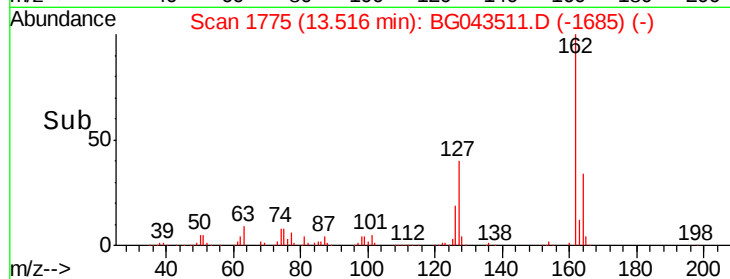
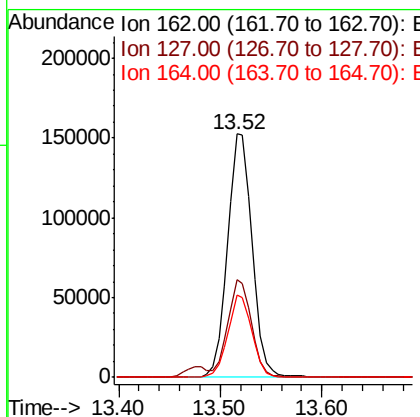
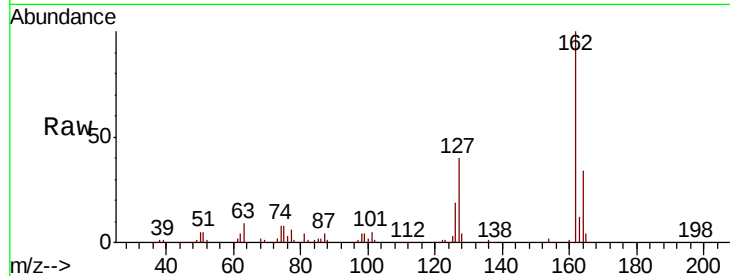




#47
2-Chloronaphthalene
Concen: 41.031 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

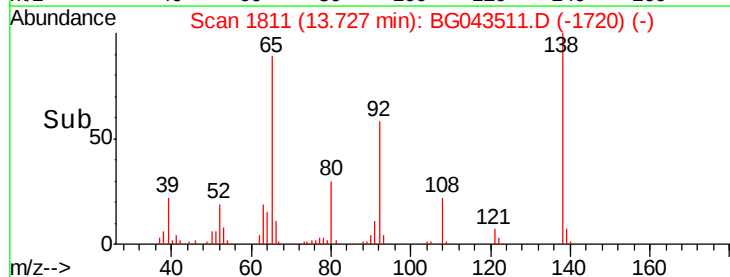
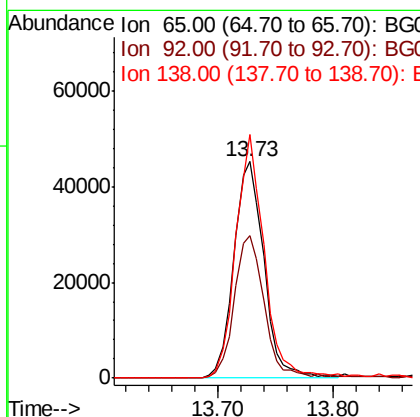
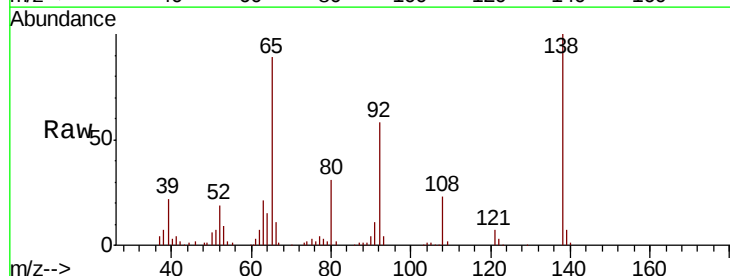
Instrument :
BNA_G
ClientSampleId :

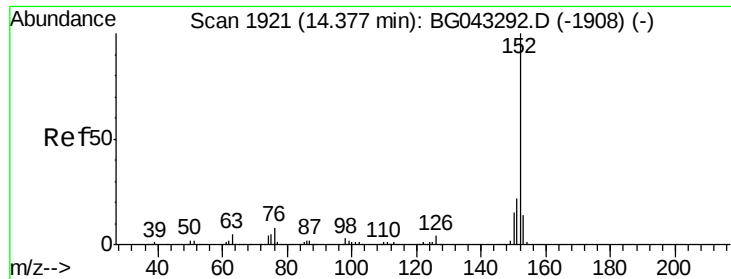
Tot Ion:162 Resp: 256374
Ion Ratio Lower Upper
162 100
127 40.3 31.2 46.8
164 33.7 25.8 38.8



#48
2-Nitroaniline
Concen: 43.728 ng
RT: 13.73 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion: 65 Resp: 81662
Ion Ratio Lower Upper
65 100
92 65.8 56.2 84.2
138 112.6 82.6 123.8





#49

Acenaphthylene

Concen: 44.224 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampleId :

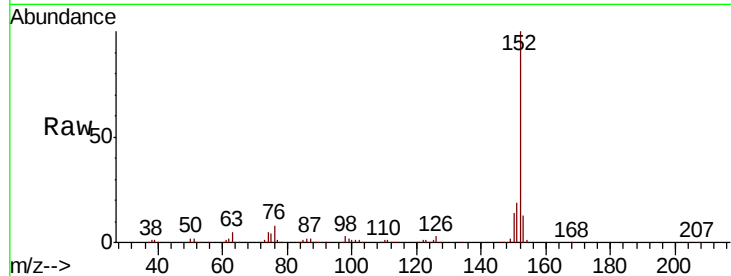
Tot Ion:152 Resp: 430066

Ion Ratio Lower Upper

152 100

151 19.2 16.2 24.4

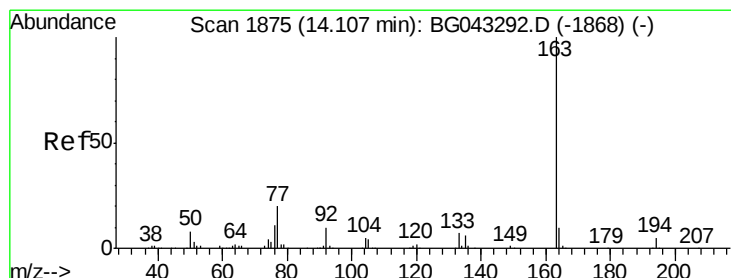
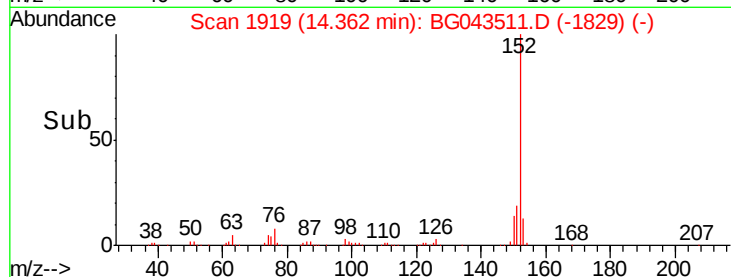
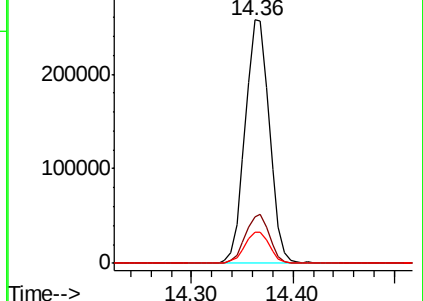
153 12.9 10.6 15.8



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: 48.043 ng

RT: 14.10 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

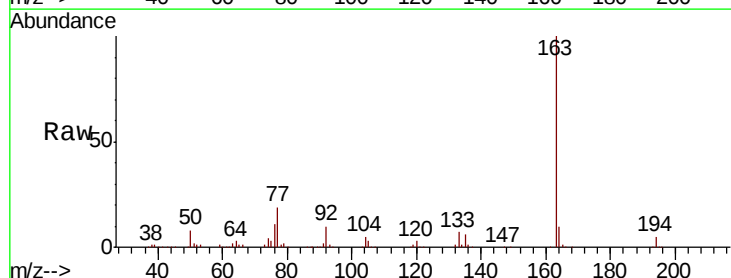
Tgt Ion:163 Resp: 401705

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.6

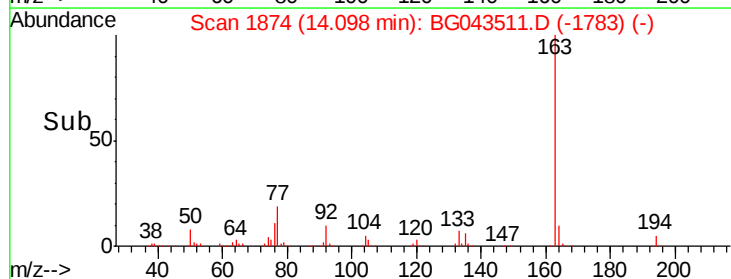
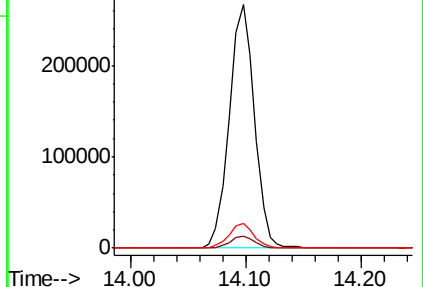
164 10.3 8.9 13.3



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

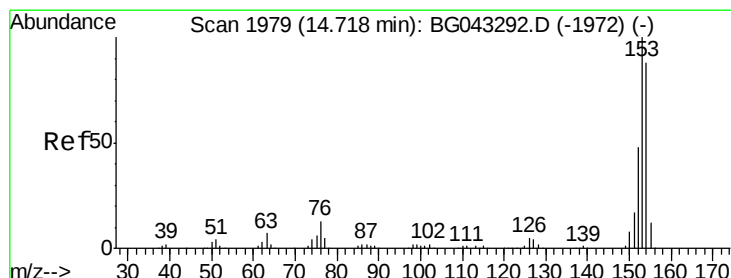
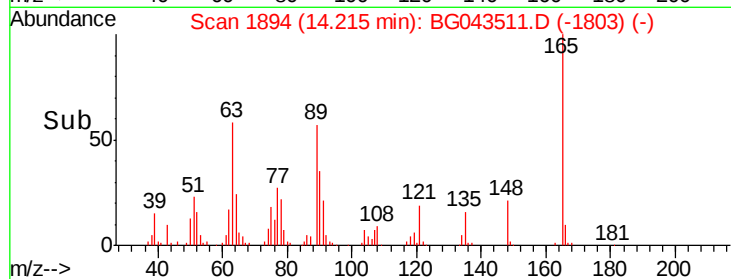
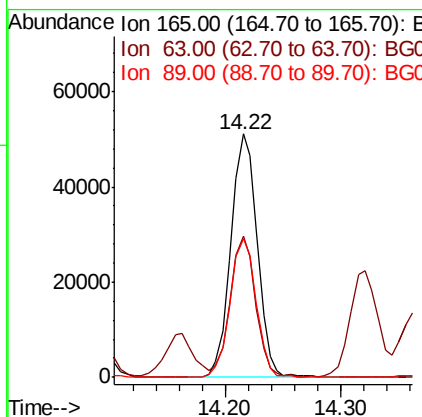
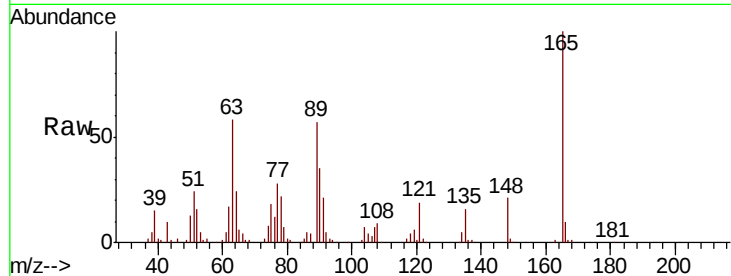




#51
 2,6-Dinitrotoluene
 Concen: 44.587 ng
 RT: 14.22 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

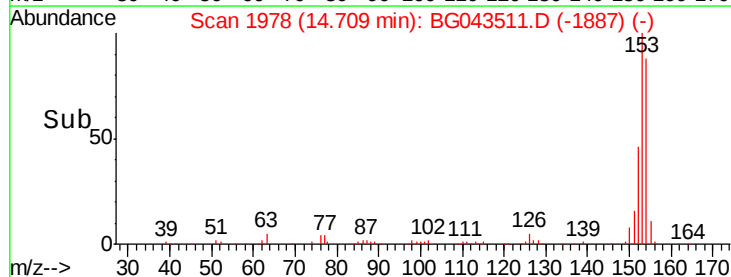
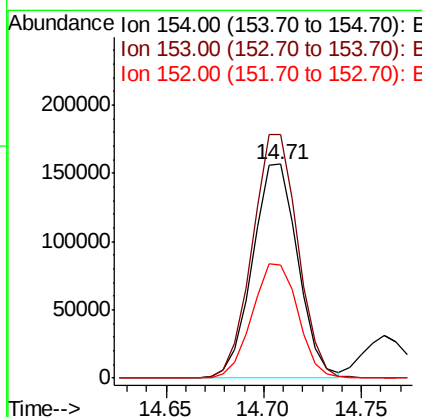
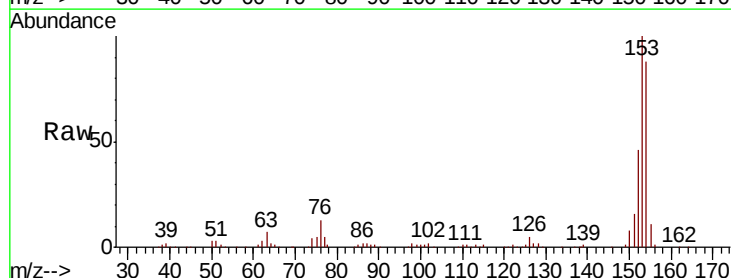
Instrument :
 BNA_G
 ClientSampleId :

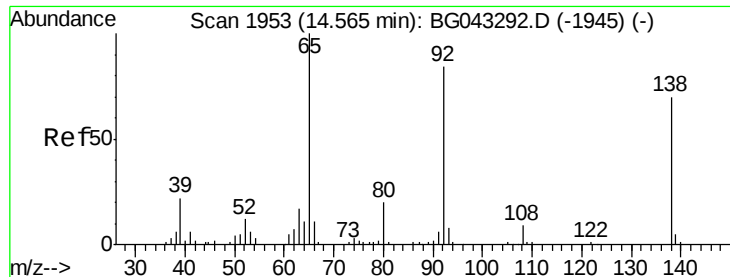
Tot Ion:165 Resp: 80991
 Ion Ratio Lower Upper
 165 100
 63 58.2 46.6 69.8
 89 56.9 45.1 67.7



#52
 Acenaphthene
 Concen: 42.461 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. 0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Tgt Ion:154 Resp: 251809
 Ion Ratio Lower Upper
 154 100
 153 113.6 88.2 132.2
 152 52.6 40.0 60.0





#53

3-Nitroaniline

Concen: 12.028 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampled :

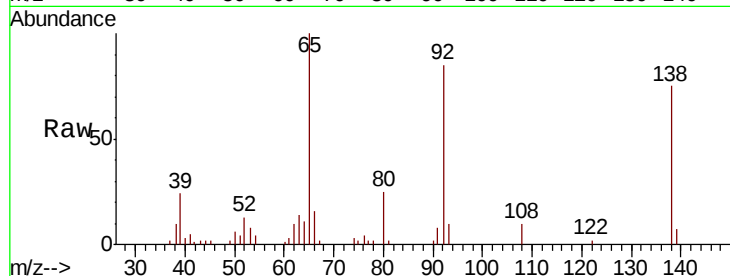
Tot Ion:138 Resp: 21094

Ion Ratio Lower Upper

138 100

108 13.7 8.0 12.0#

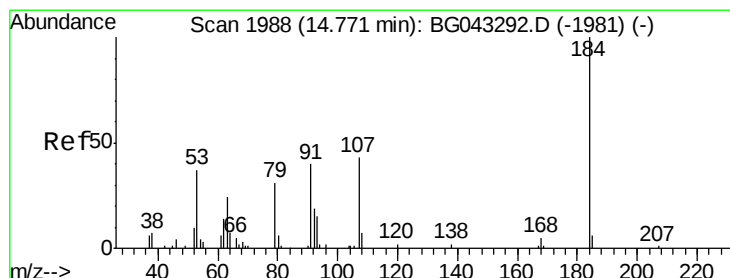
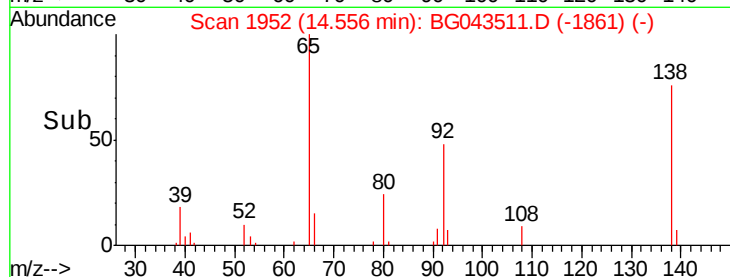
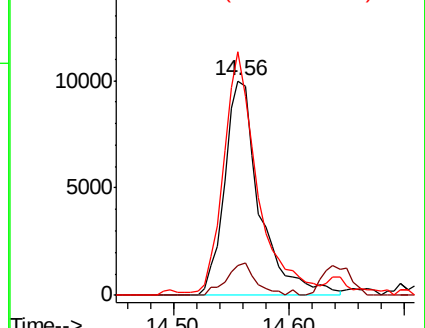
92 113.3 90.9 136.3



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: 78.679 ng

RT: 14.76 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

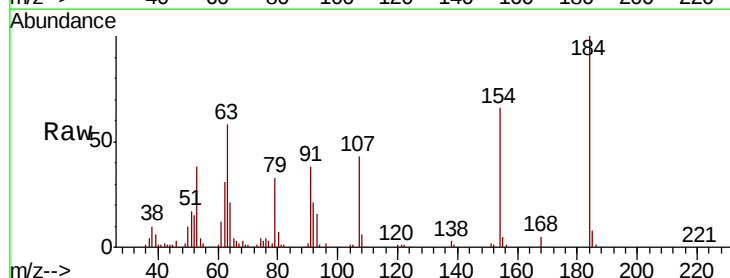
Tgt Ion:184 Resp: 89096

Ion Ratio Lower Upper

184 100

63 57.8 51.3 76.9

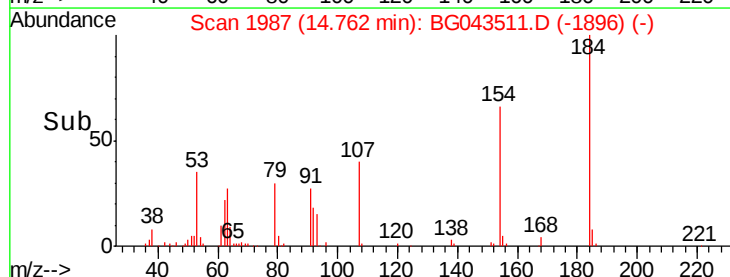
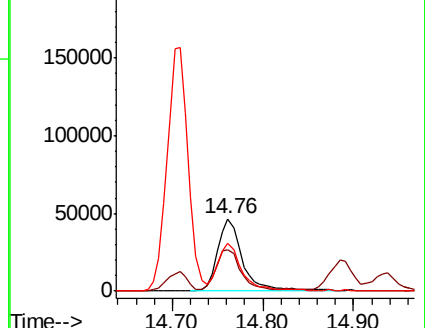
154 66.4 55.4 83.0

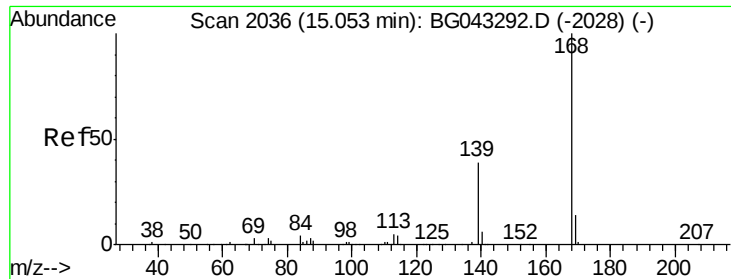


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

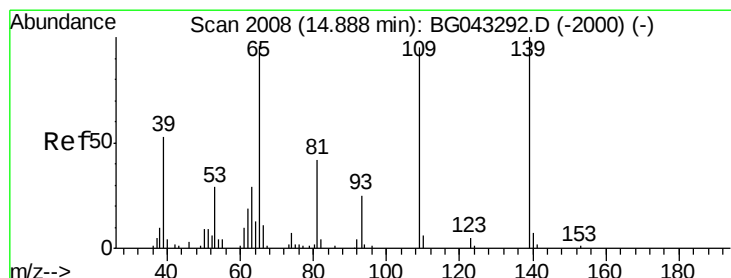
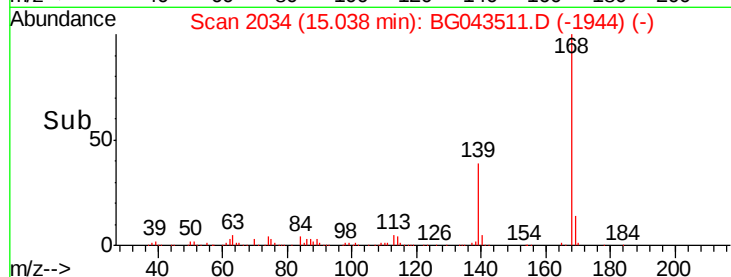
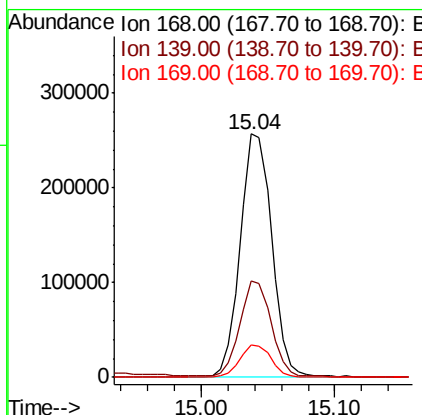
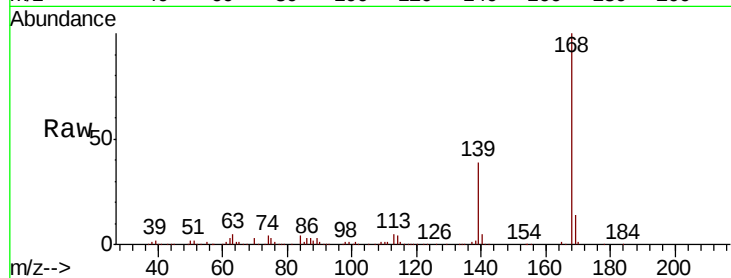




#55
Dibenzofuran
Concen: 43.812 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

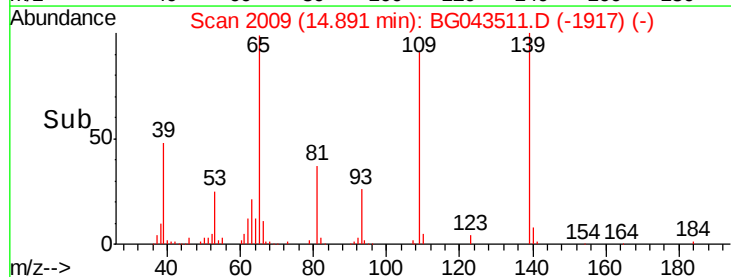
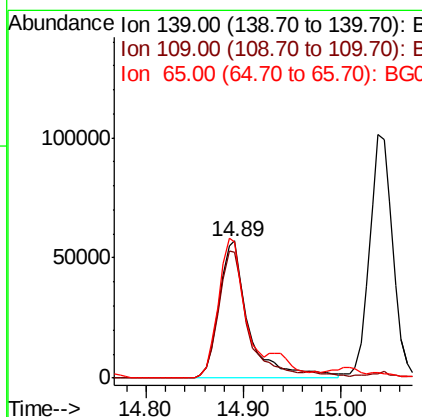
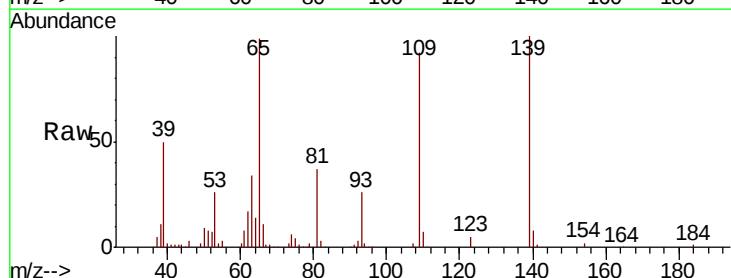
Instrument :
BNA_G
ClientSampleId :

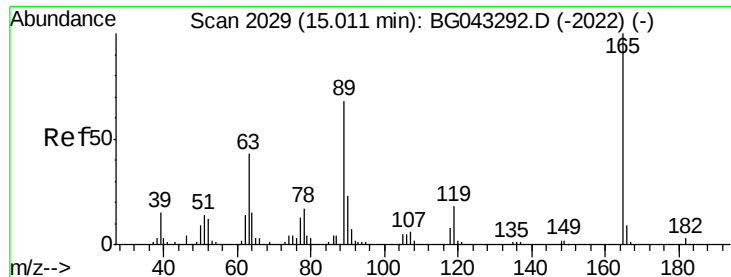
Tot Ion:168 Resp: 421341
Ion Ratio Lower Upper
168 100
139 39.4 31.0 46.6
169 13.6 11.7 17.5



#56
4-Nitrophenol
Concen: 102.651 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion:139 Resp: 120642
Ion Ratio Lower Upper
139 100
109 91.9 87.2 127.2
65 99.1 83.8 123.8

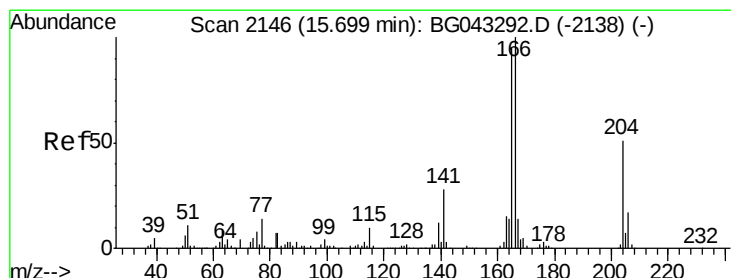
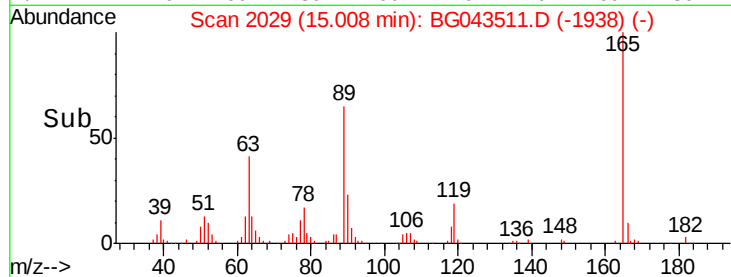
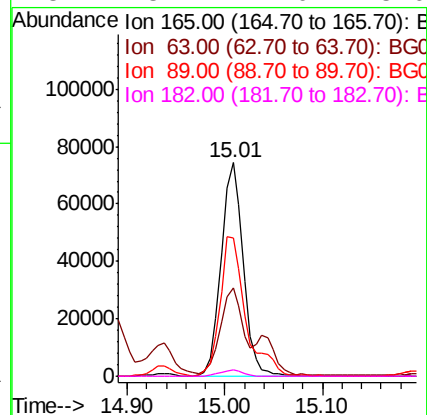
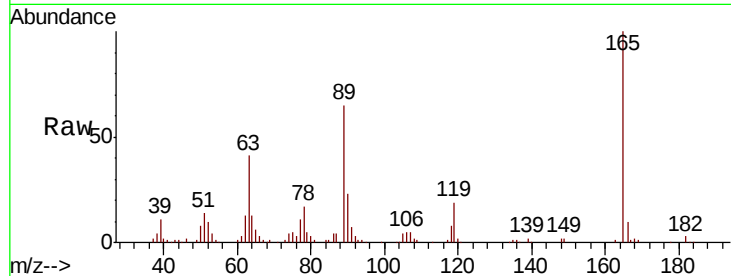




#57
 2,4-Dinitrotoluene
 Concen: 44.960 ng
 RT: 15.01 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

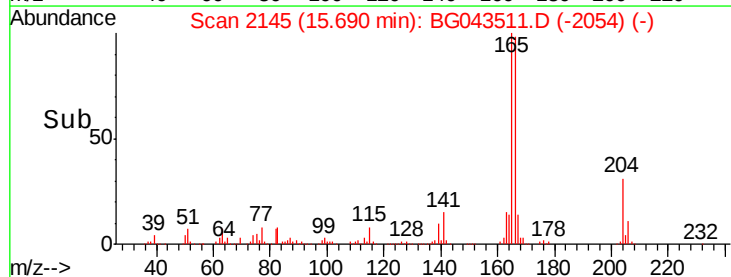
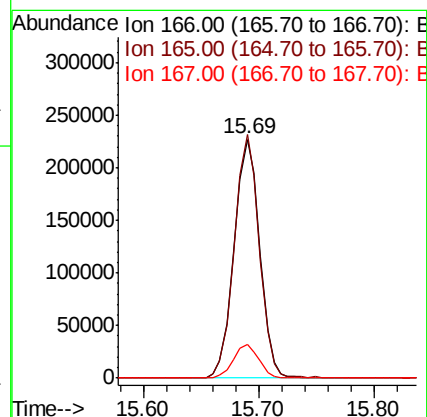
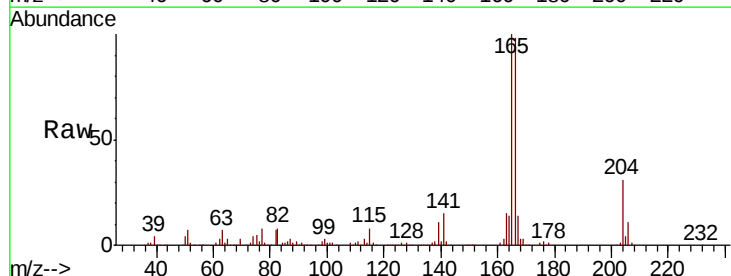
Instrument :
 BNA_G
 ClientSampleId :

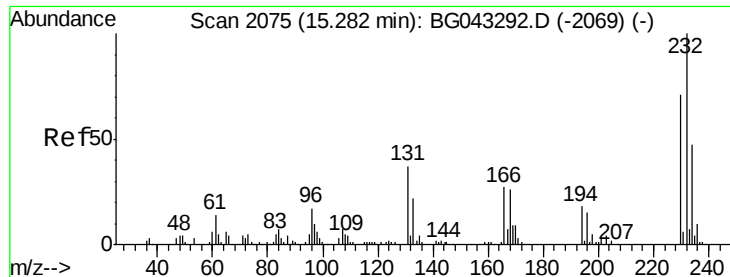
Tot Ion:165 Resp: 116713
 Ion Ratio Lower Upper
 165 100
 63 41.2 33.2 49.8
 89 64.8 52.2 78.4
 182 3.1 2.0 3.0#



#58
 Fluorene
 Concen: 43.237 ng
 RT: 15.69 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Tgt Ion:166 Resp: 348756
 Ion Ratio Lower Upper
 166 100
 165 101.8 79.0 118.6
 167 14.0 10.5 15.7

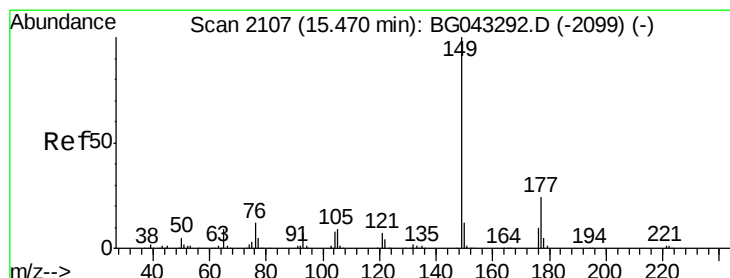
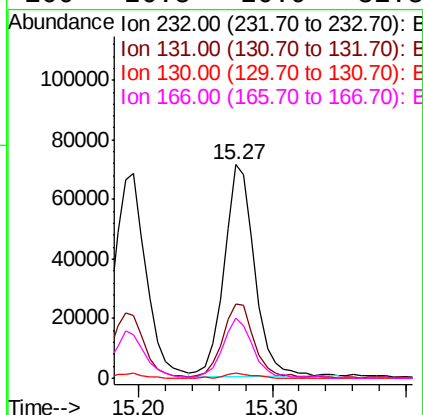
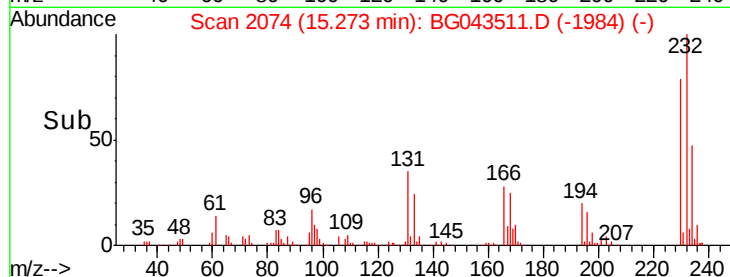
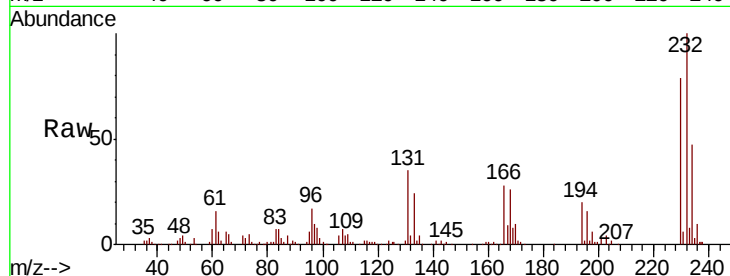




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.195 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

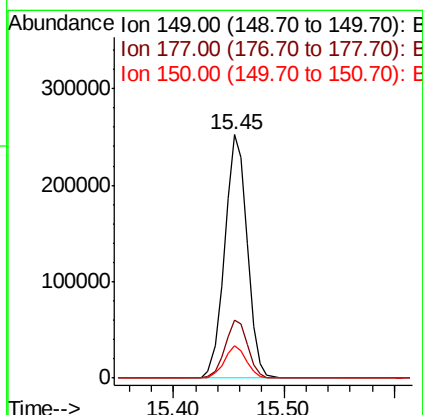
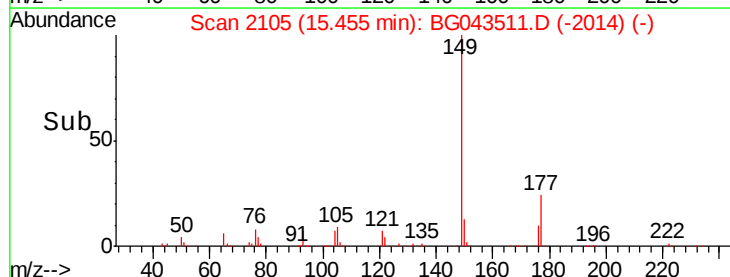
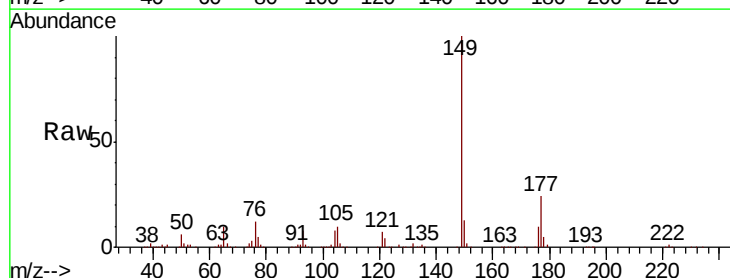
Instrument :
 BNA_G
 ClientSampleId :

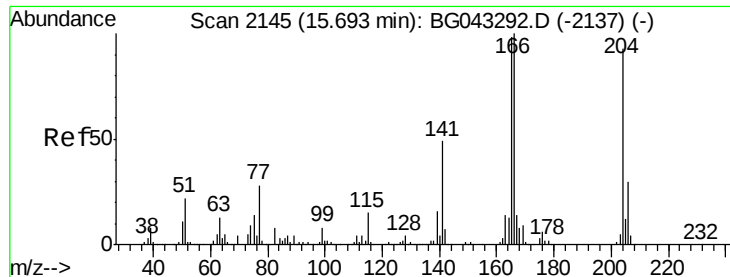
Tot Ion	Ratio	Lower	Upper
232	100		
131	36.8	26.9	40.3
130	2.1	1.8	2.6
166	26.8	20.9	31.3



#60
 Diethylphthalate
 Concen: 42.804 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.6	29.4
150	13.2	10.8	16.2

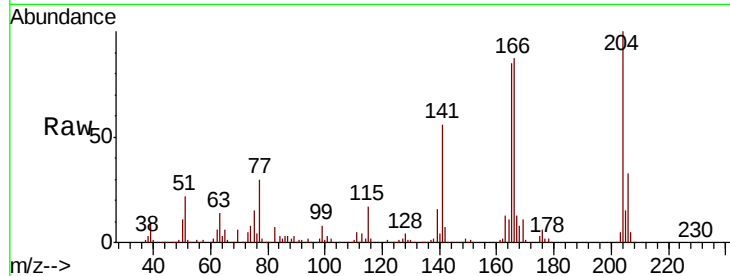




#61
4-Chlorophenyl-phenylether
Concen: 43.039 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	28.4	42.6
141	55.6	43.0	64.6

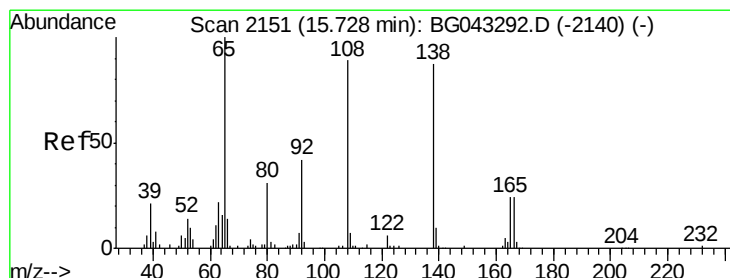
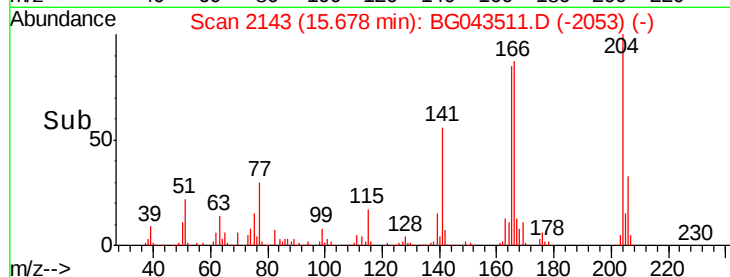
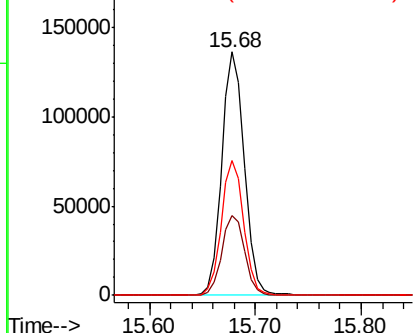


Abundance

Ion 204.00 (203.70 to 204.70): E

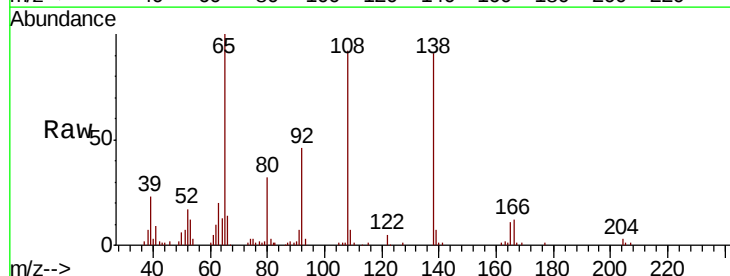
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.065 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	33.4	73.4
108	100.9	78.0	118.0

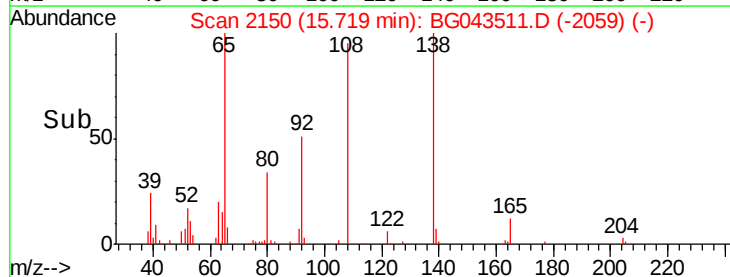
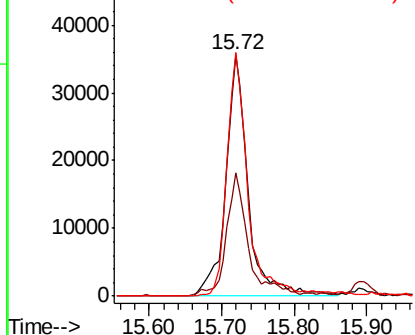


Abundance

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

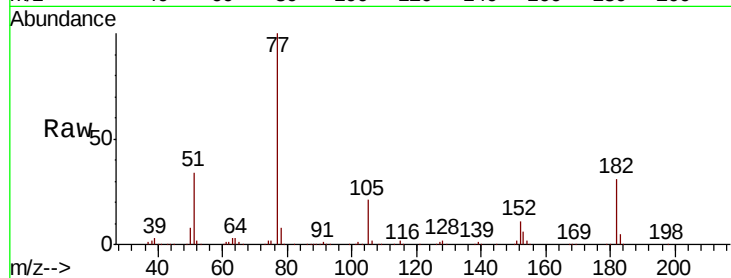




#63
Azobenzene
Concen: 43.835 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.5	13.7	53.7
105	21.3	0.4	40.4
51	33.5	11.0	51.0



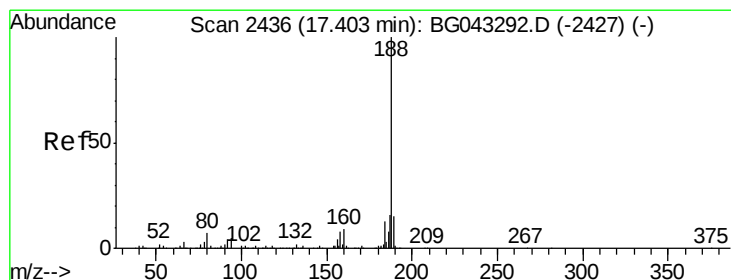
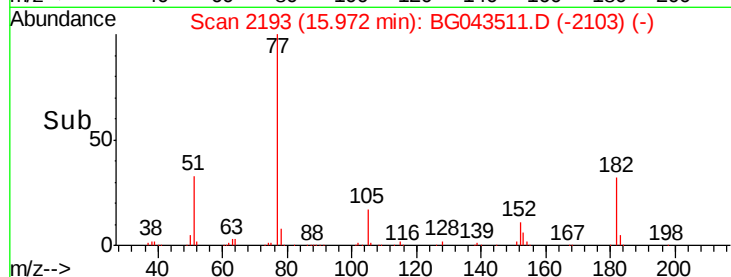
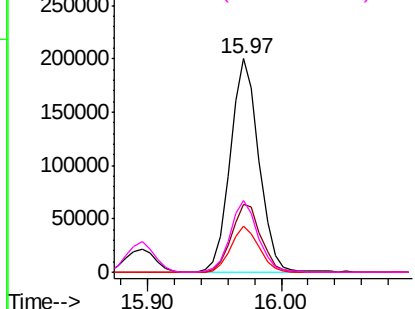
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

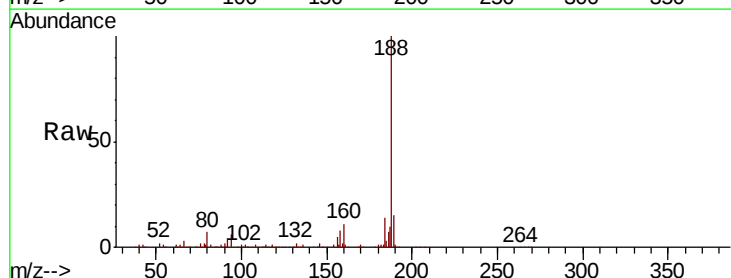
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.2	6.4
80	6.7	4.5	6.7#

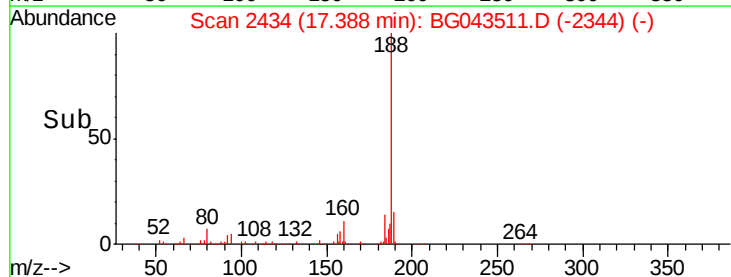
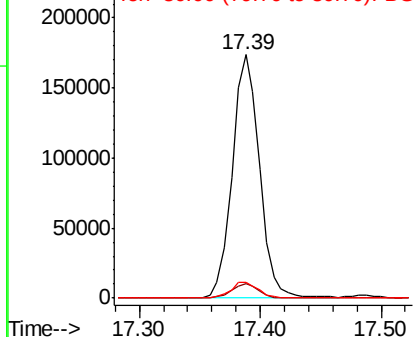


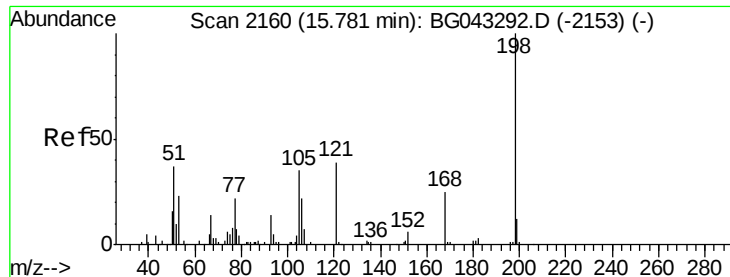
Abundance

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: 43.789 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

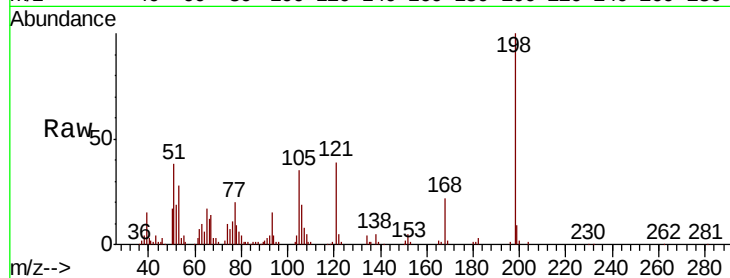
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 70258

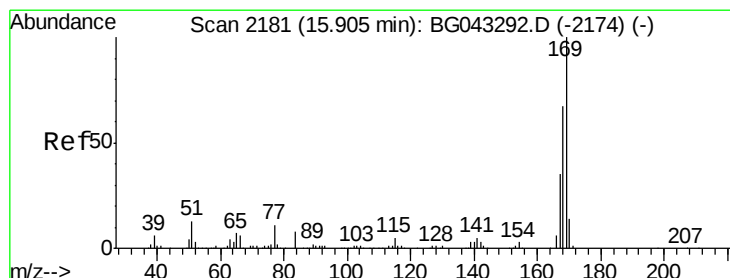
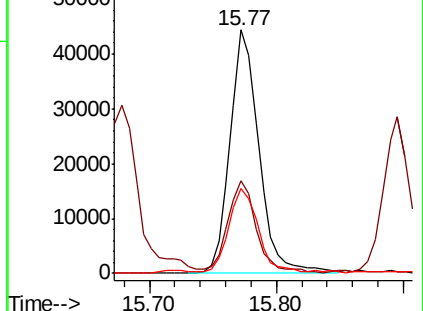
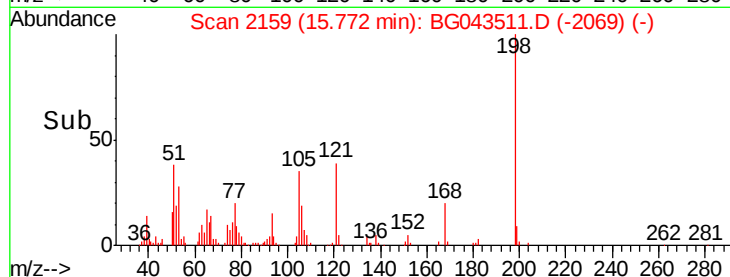
Ion	Ratio	Lower	Upper
198	100		
51	38.1	13.2	53.2
105	34.8	15.8	55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.715 ng

RT: 15.90 min Scan# 2180

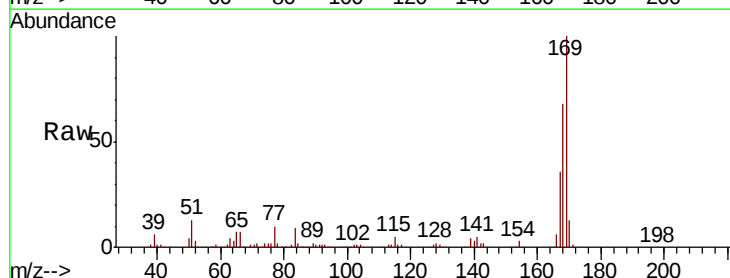
Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Tgt Ion:169 Resp: 321086

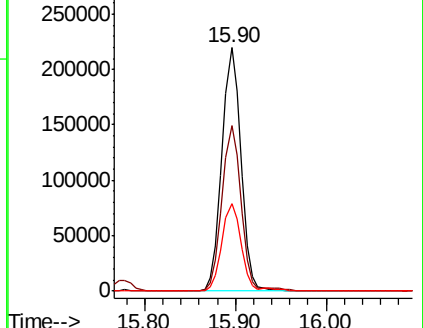
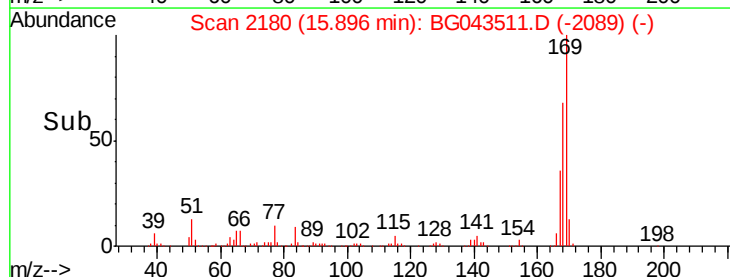
Ion	Ratio	Lower	Upper
169	100		
168	68.1	53.8	80.6
167	35.9	27.5	41.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

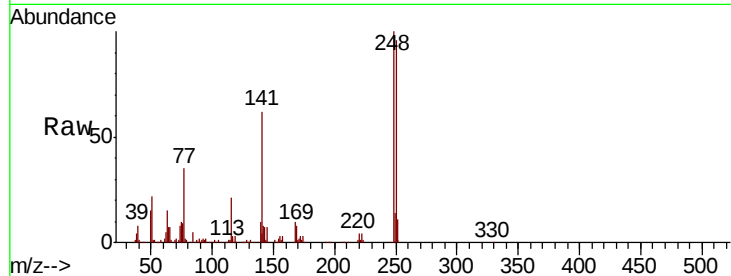




#67
4-Bromophenyl-phenylether
Concen: 39.480 ng
RT: 16.58 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.0	115.4
141	61.6	47.5	71.3

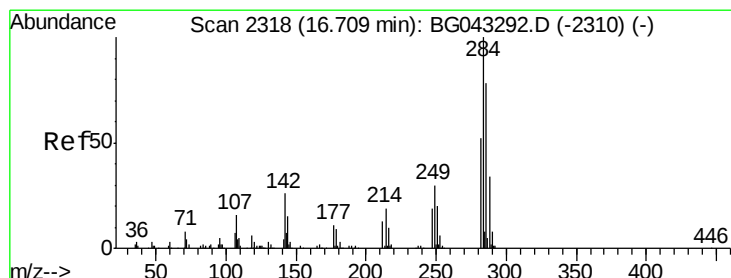
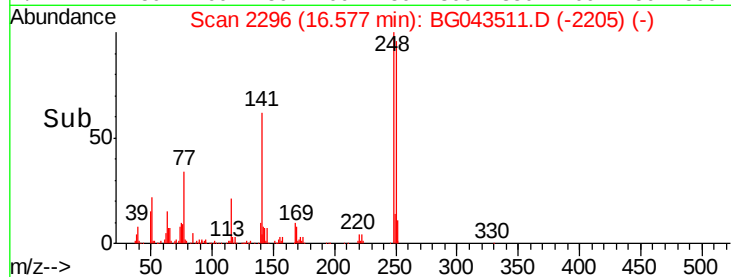
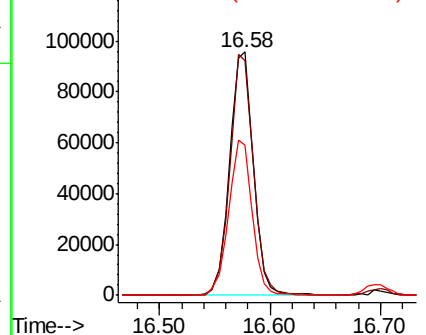


Abundance

Ion 248.00 (247.70 to 248.70): E

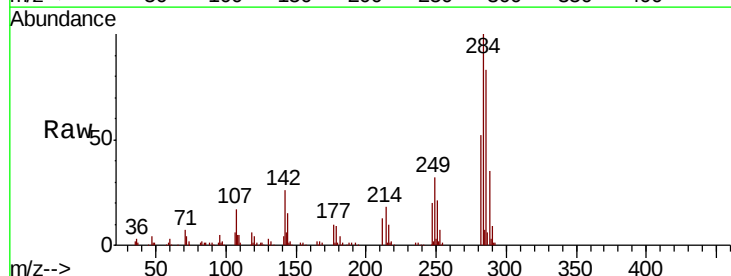
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.218 ng
RT: 16.70 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.3	19.8	29.8
249	32.0	23.8	35.6

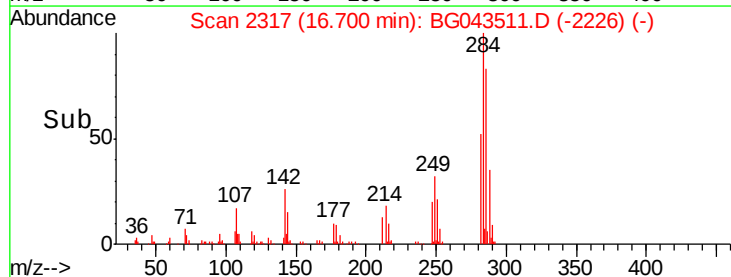
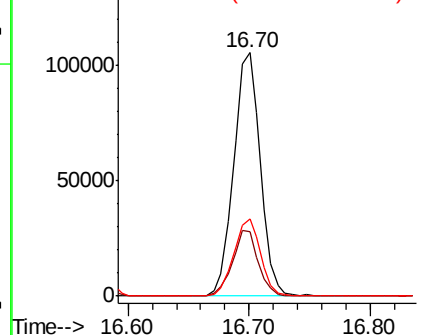


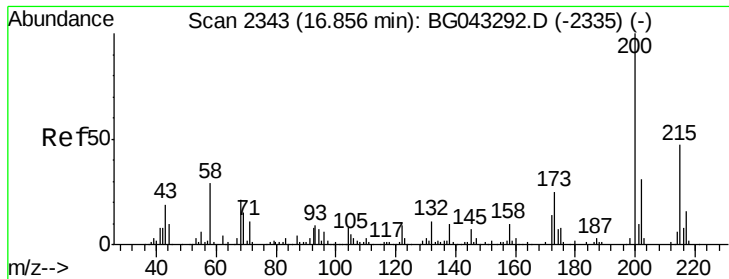
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

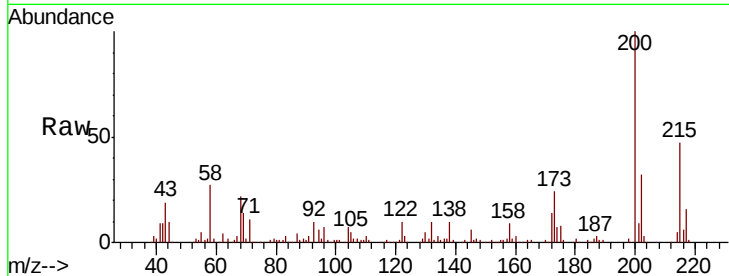




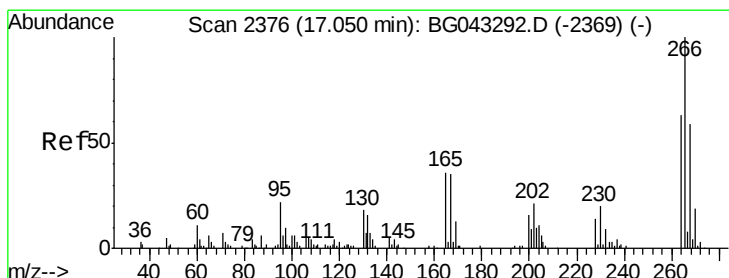
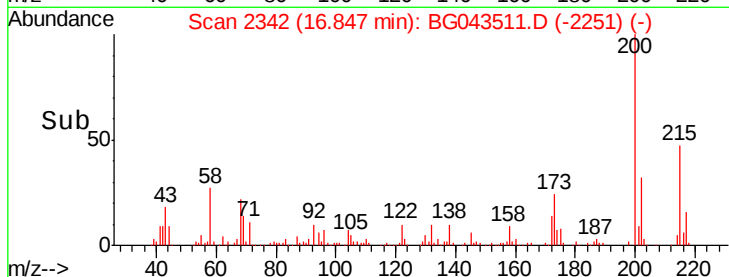
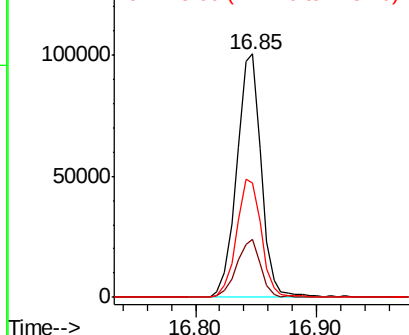
#69
 Atrazine
 Concen: 53.234 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:200 Resp: 142381
 Ion Ratio Lower Upper
 200 100
 173 23.9 4.7 44.7
 215 46.8 28.5 68.5

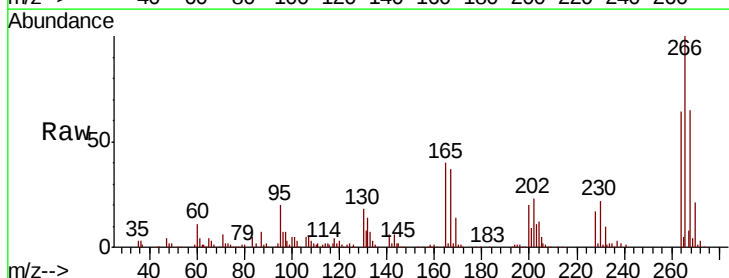


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

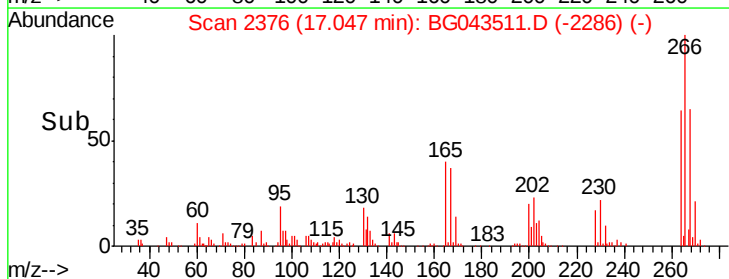
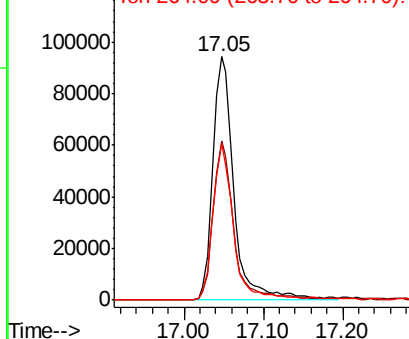


#70
 Pentachlorophenol
 Concen: 91.006 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Tgt Ion:266 Resp: 174648
 Ion Ratio Lower Upper
 266 100
 268 65.3 50.4 75.6
 264 64.3 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: 41.139 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampled :

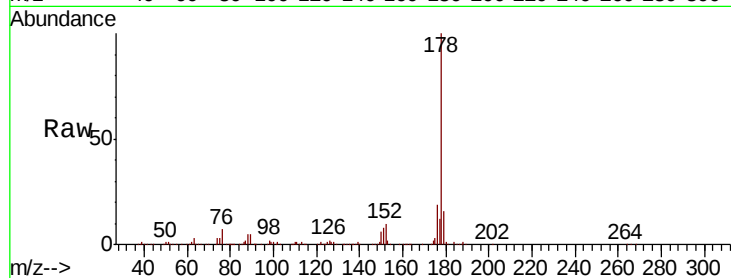
Tot Ion:178 Resp: 574347

Ion Ratio Lower Upper

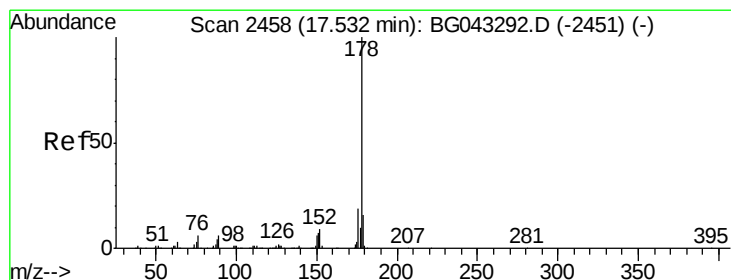
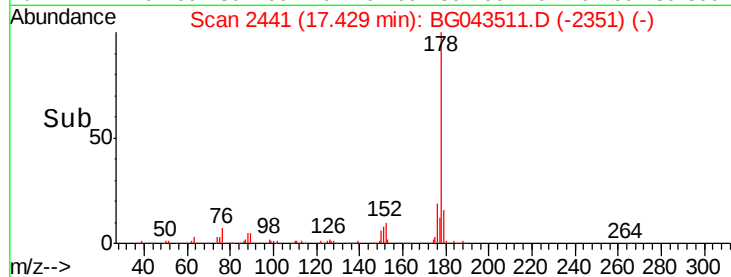
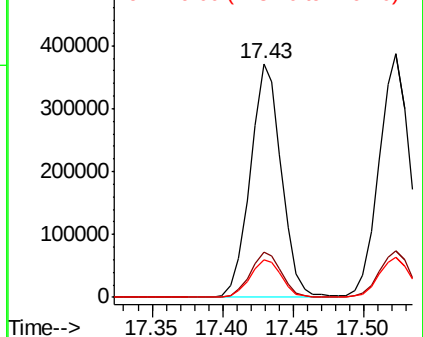
178 100

176 19.2 15.4 23.0

179 15.9 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.605 ng

RT: 17.52 min Scan# 2457

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

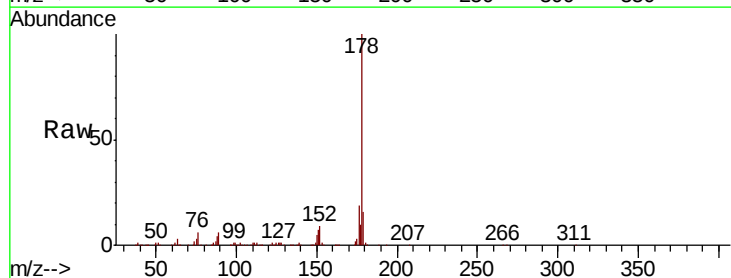
Tgt Ion:178 Resp: 595116

Ion Ratio Lower Upper

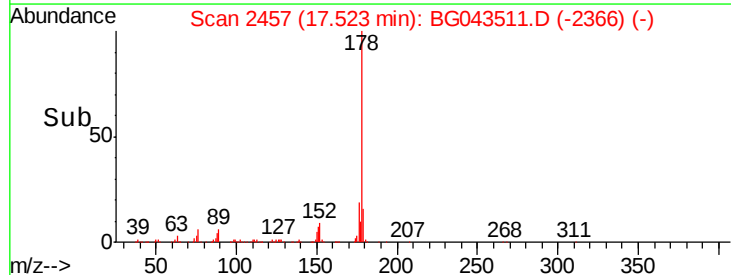
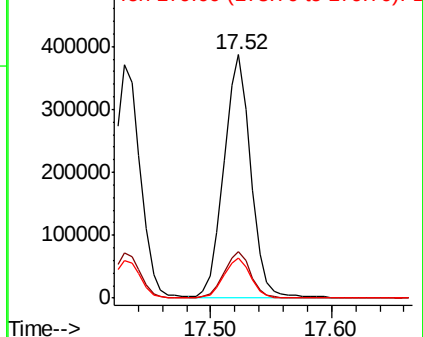
178 100

176 19.0 15.5 23.3

179 16.3 13.7 20.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

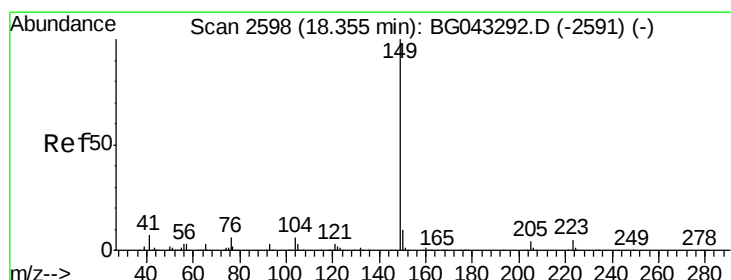
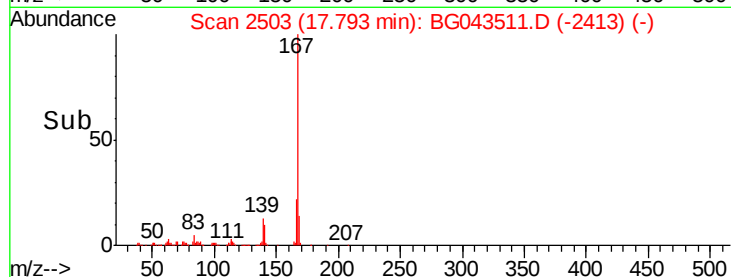
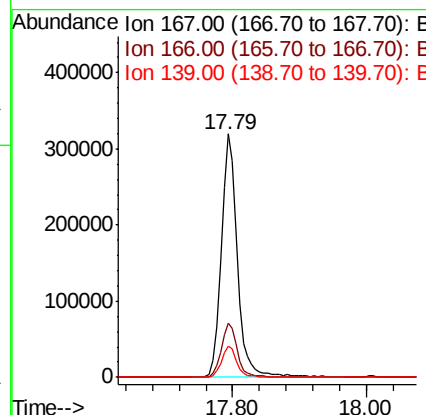
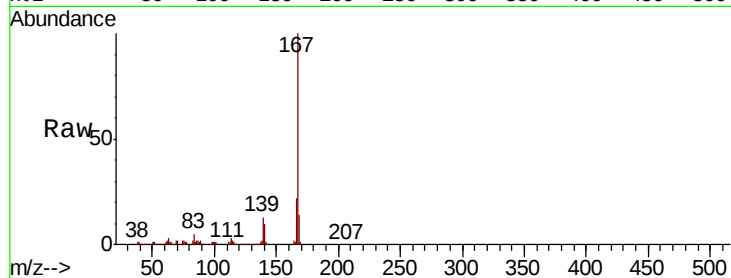




#73
 Carbazole
 Concen: 43.046 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. -0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

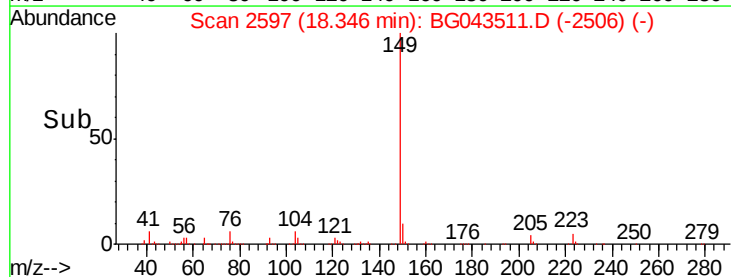
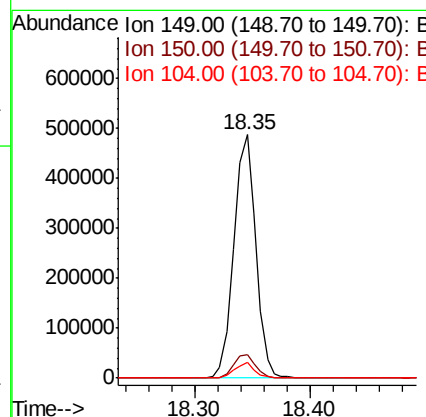
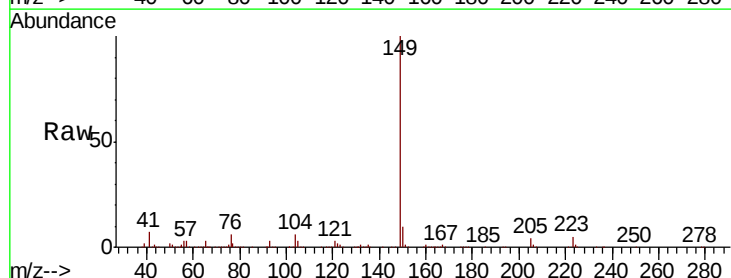
Instrument :
 BNA_G
 ClientSampleId :

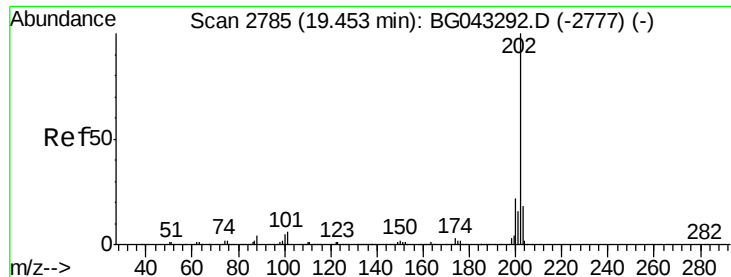
Tot Ion:167 Resp: 544505
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.7 28.1
 139 12.6 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 41.811 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG043511.D
 Acq: 5 Nov 2019 17:11

Tgt Ion:149 Resp: 641719
 Ion Ratio Lower Upper
 149 100
 150 9.6 8.0 12.0
 104 6.2 4.4 6.6





#75

Fluoranthene

Concen: 42.377 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampleId :

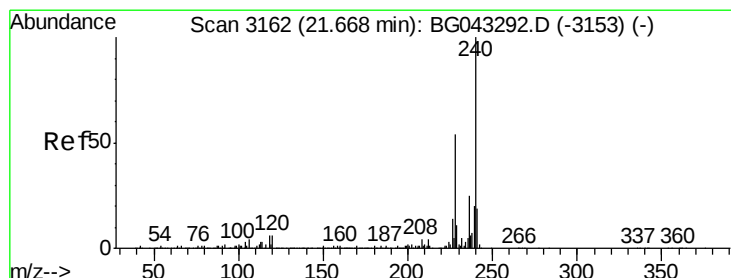
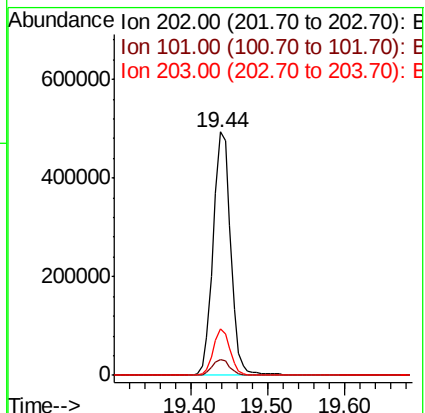
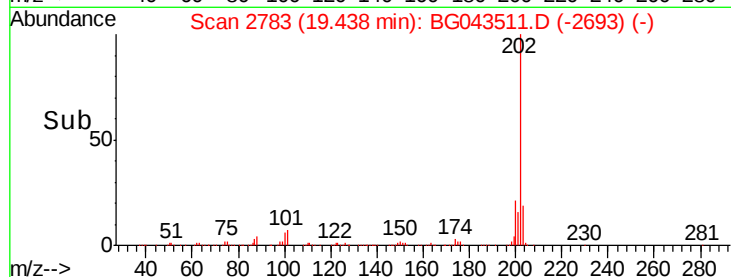
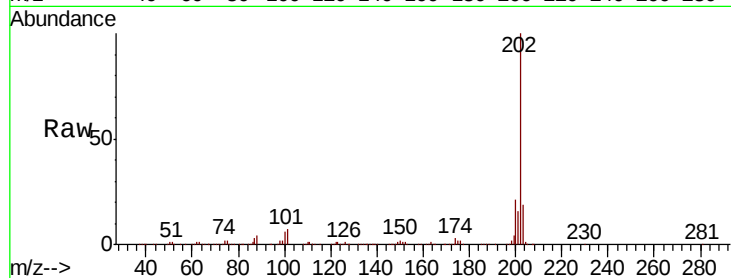
Tot Ion:202 Resp: 771303

Ion Ratio Lower Upper

202 100

101 6.7 0.0 26.3

203 19.1 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

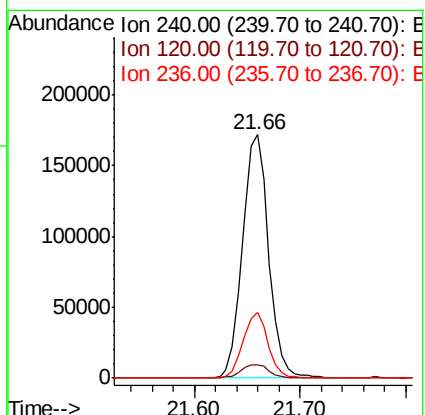
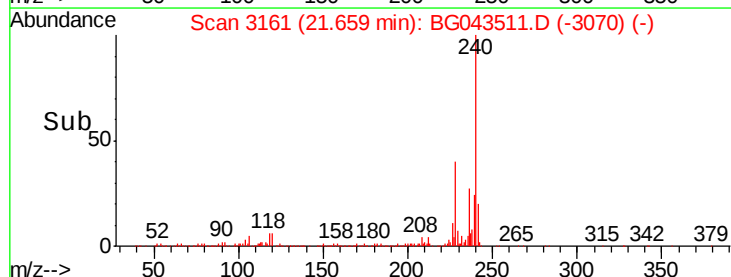
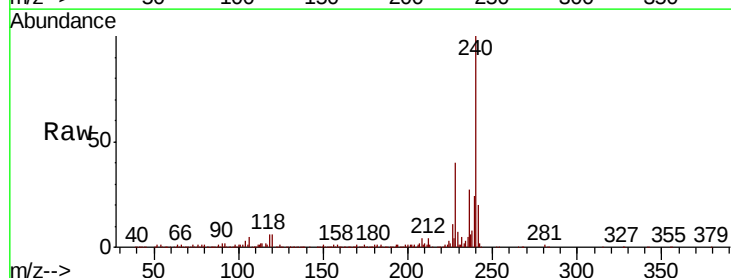
Tgt Ion:240 Resp: 294070

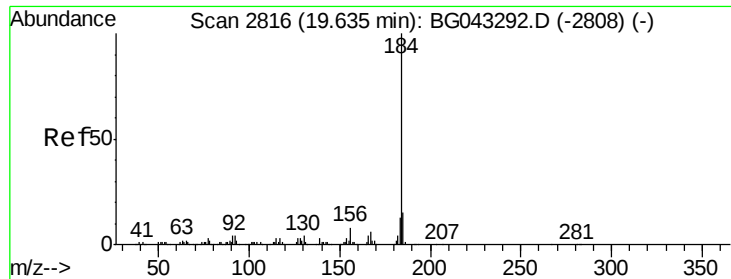
Ion Ratio Lower Upper

240 100

120 5.6 4.6 6.8

236 26.7 19.8 29.8





#77

Benzidine

Concen: 2.920 ng

RT: 19.63 min Scan# 2816

Delta R.T. 0.01 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampleId :

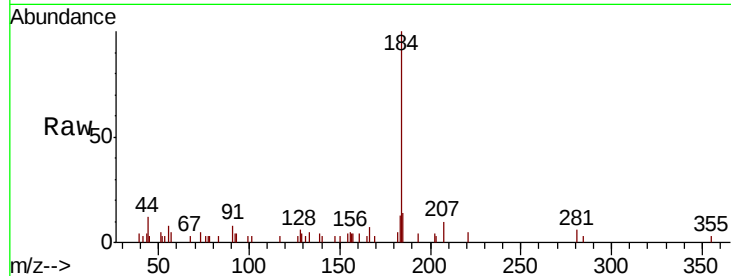
Tot Ion:184 Resp: 17283

Ion Ratio Lower Upper

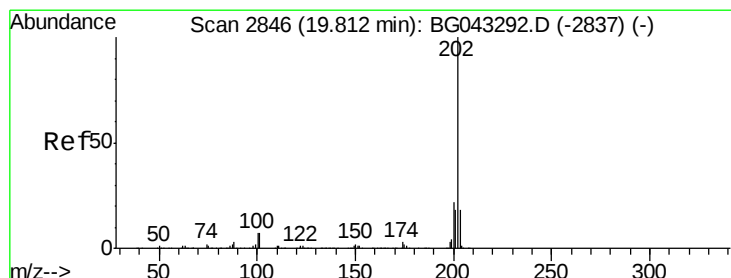
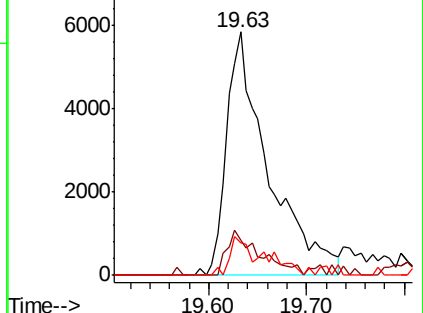
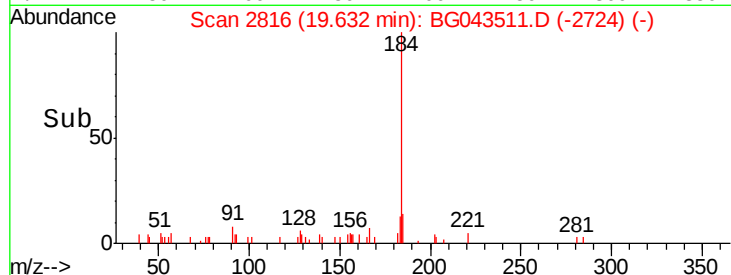
184 100

185 14.3 11.0 16.4

183 13.1 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: 42.550 ng

RT: 19.80 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

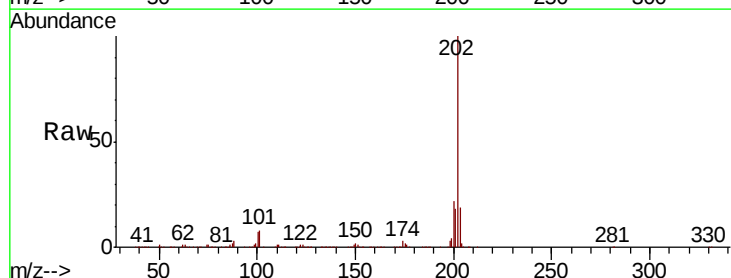
Tgt Ion:202 Resp: 774522

Ion Ratio Lower Upper

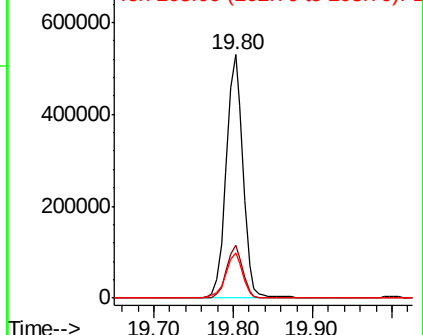
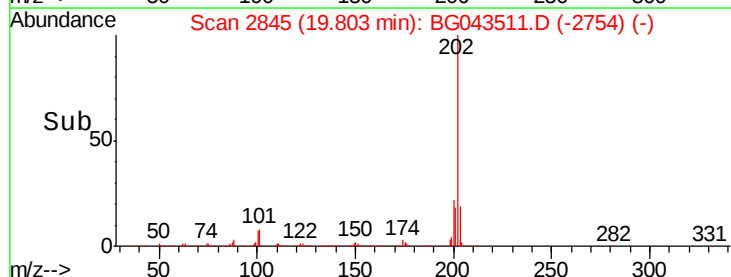
202 100

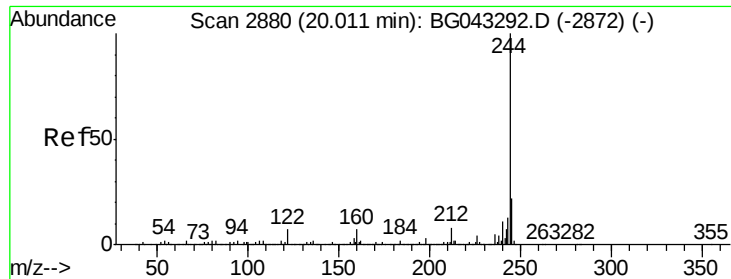
200 21.7 17.0 25.4

203 18.6 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: 80.384 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampled :

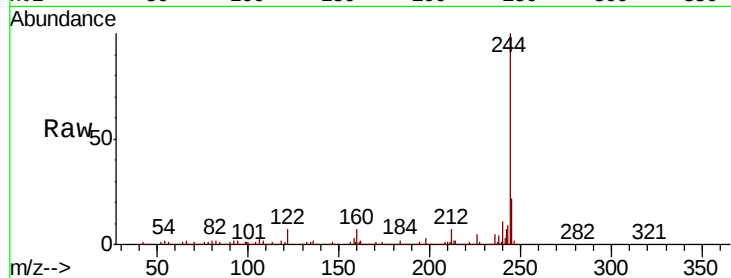
Tot Ion:244 Resp: 1260009

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

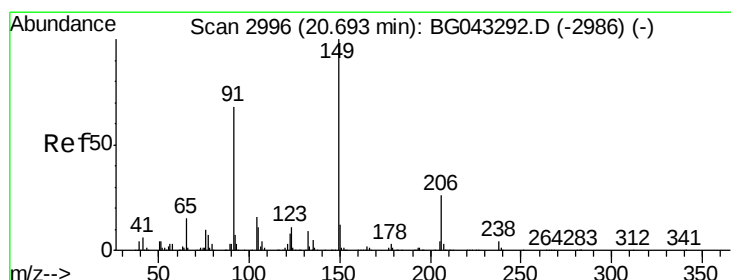
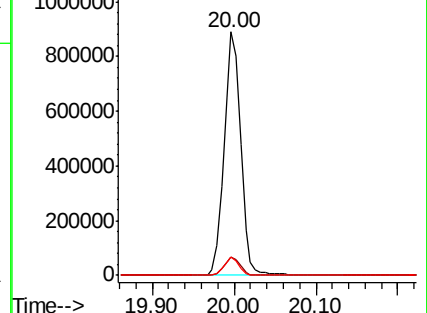
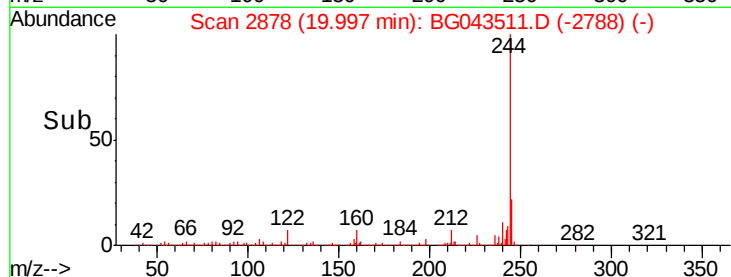
122 7.3 5.4 8.2



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: 42.743 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

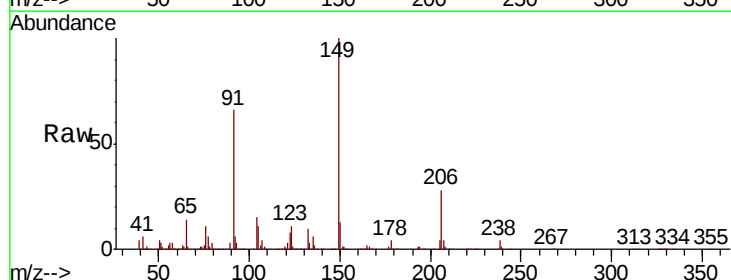
Tgt Ion:149 Resp: 294769

Ion Ratio Lower Upper

149 100

91 66.4 51.2 76.8

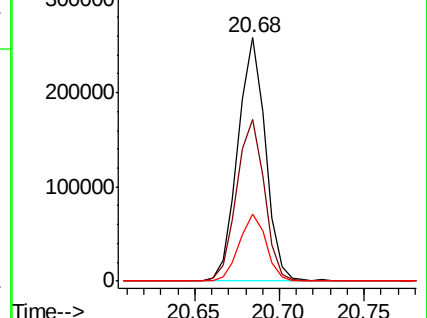
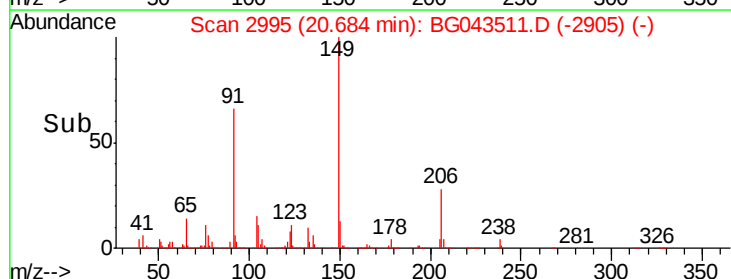
206 27.6 22.5 33.7

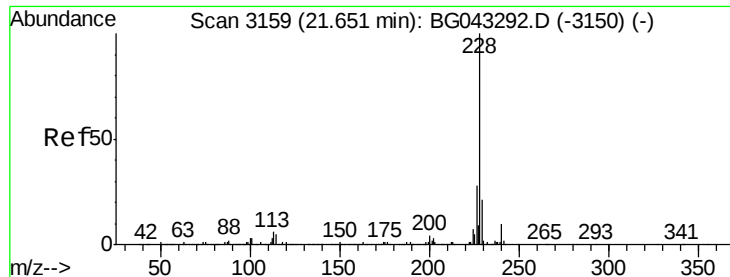


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

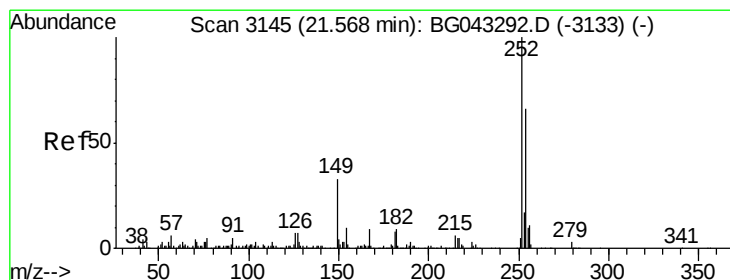
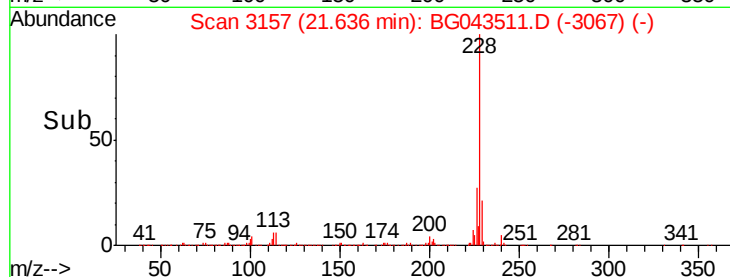
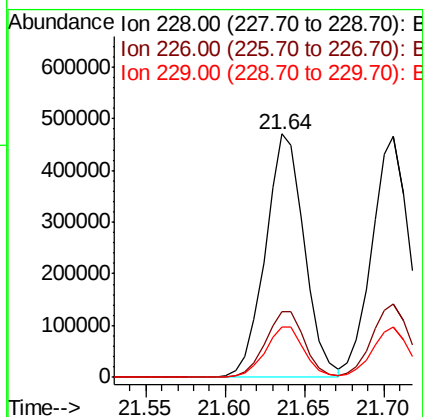
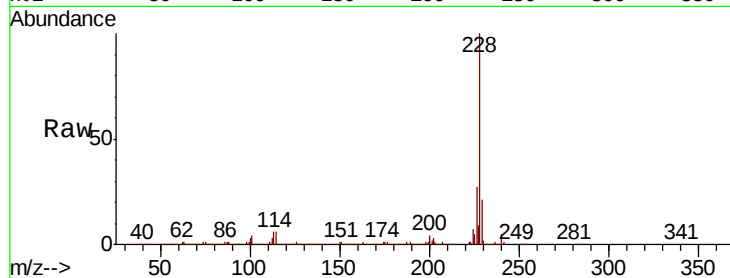




#81
Benzo(a)anthracene
Concen: 43.426 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

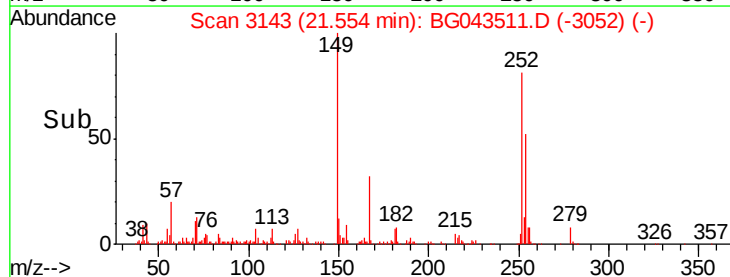
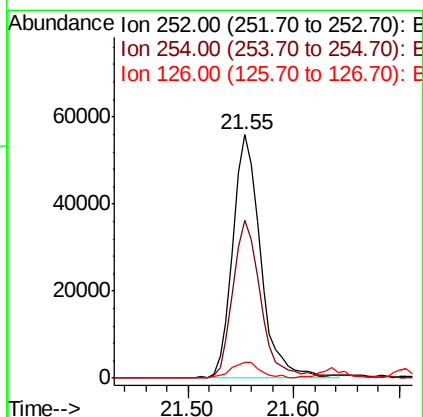
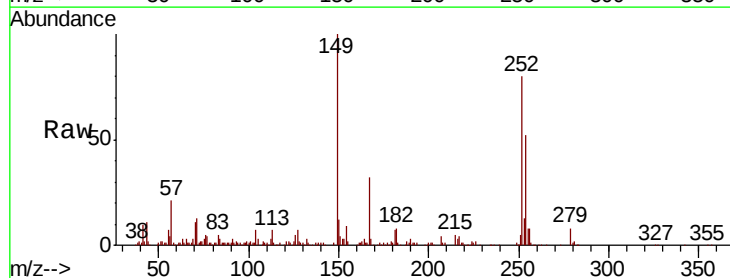
Instrument :
BNA_G
ClientSampleId :

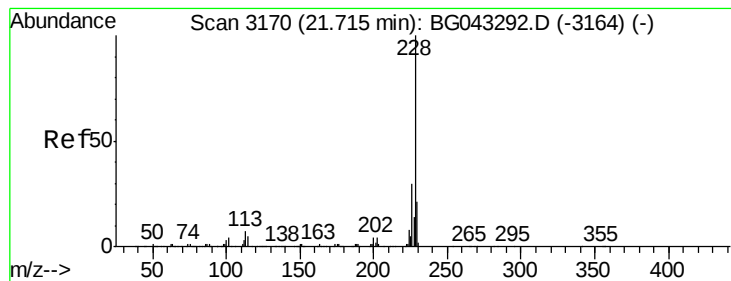
Tot Ion	Ion	Ratio	Lower	Upper
228	228	100		
226	226	26.9	22.2	33.2
229	229	20.6	17.0	25.4



#82
3,3'-Dichlorobenzidine
Concen: 14.312 ng
RT: 21.55 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion	Ion	Ratio	Lower	Upper
252	252	100		
254	254	64.7	50.8	76.2
126	126	6.4	6.1	9.1





#83

Chrysene

Concen: 42.569 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampleId :

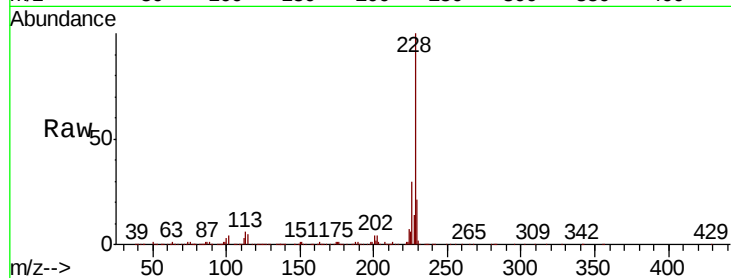
Tot Ion:228 Resp: 779089

Ion Ratio Lower Upper

228 100

226 30.4 25.1 37.7

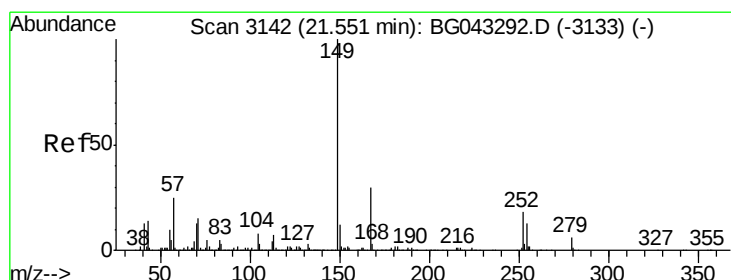
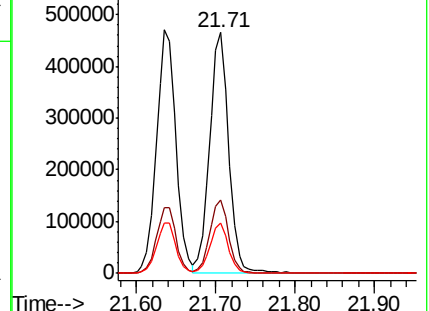
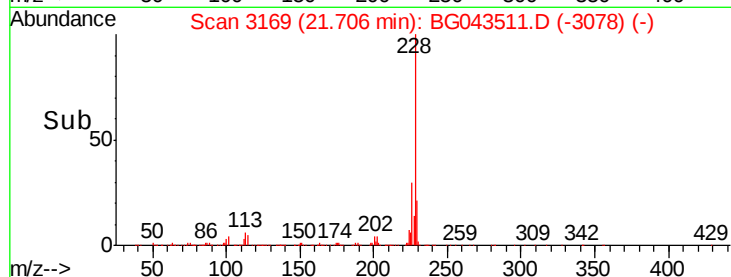
229 21.1 17.0 25.4



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: 43.843 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

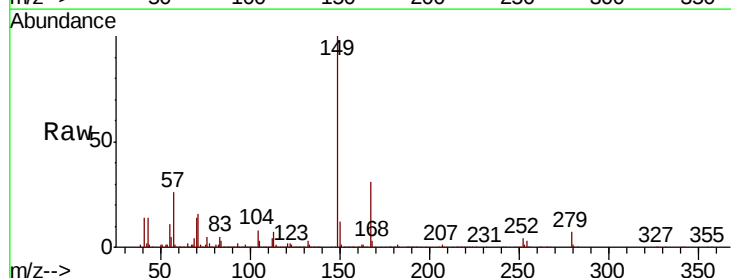
Tgt Ion:149 Resp: 429497

Ion Ratio Lower Upper

149 100

167 31.4 24.0 36.0

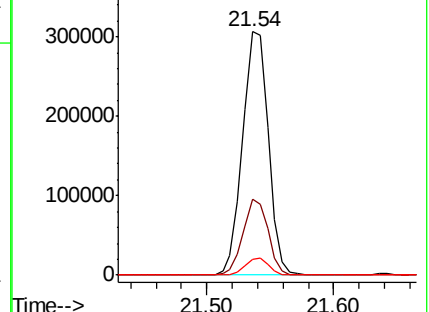
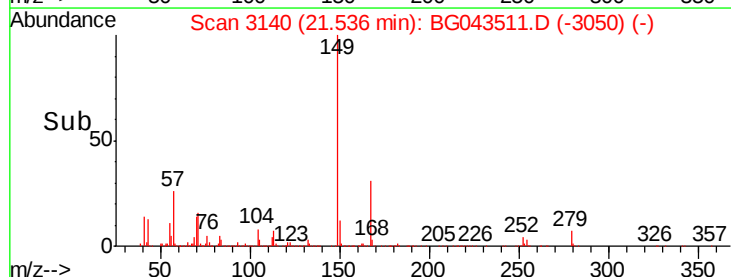
279 6.7 5.4 8.2



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

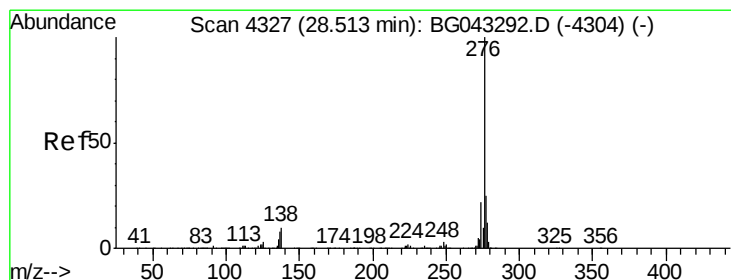
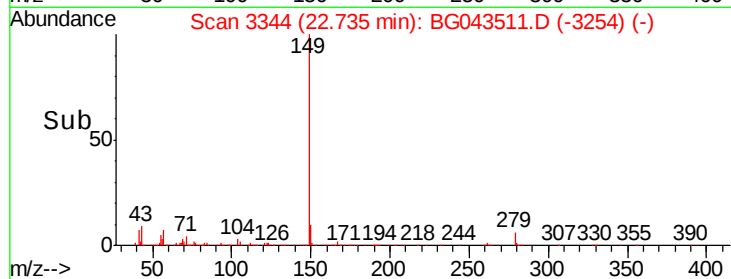
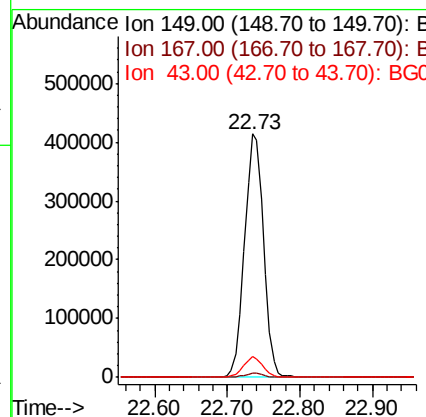
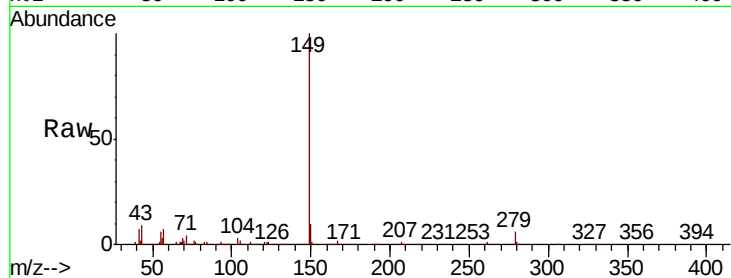




#85
Di-n-octyl phthalate
Concen: 45.089 ng
RT: 22.73 min Scan# 3344
Delta R.T. -0.00 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

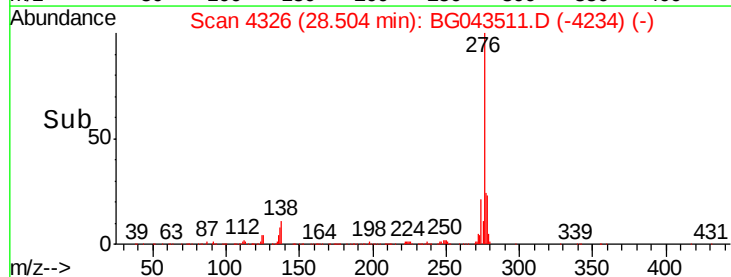
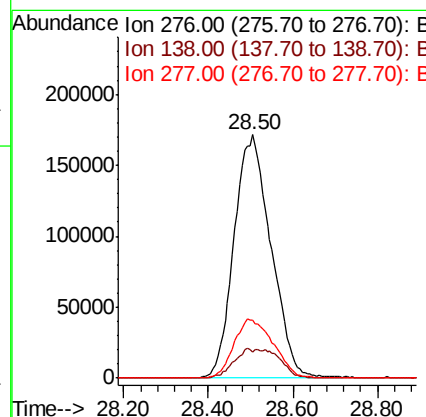
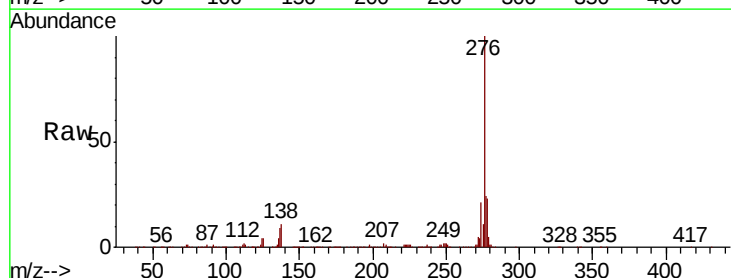
Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 749385
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 8.4 7.0 10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.163 ng
RT: 28.50 min Scan# 4326
Delta R.T. 0.01 min
Lab File: BG043511.D
Acq: 5 Nov 2019 17:11

Tgt Ion:276 Resp: 1037549
Ion Ratio Lower Upper
276 100
138 6.2 6.8 10.2#
277 25.9 20.9 31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampleId :

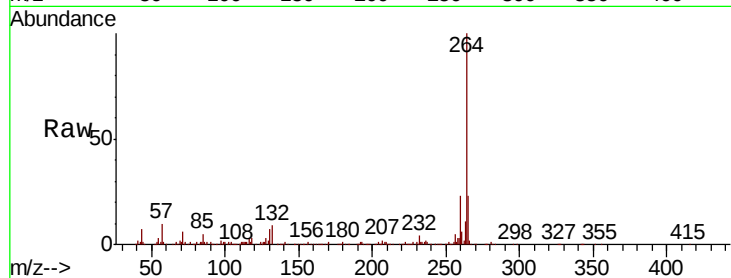
Tot Ion:264 Resp: 347605

Ion Ratio Lower Upper

264 100

260 23.3 17.5 26.3

265 22.8 17.4 26.0

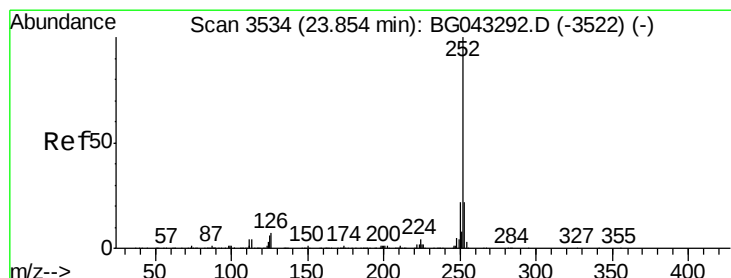
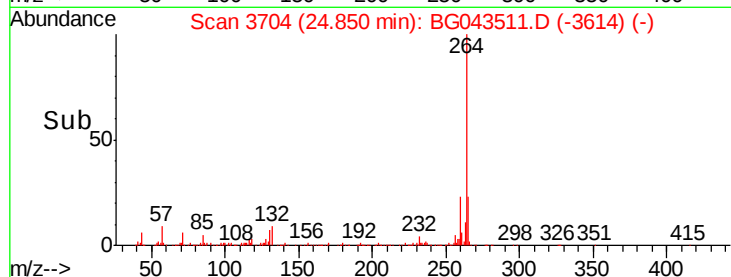
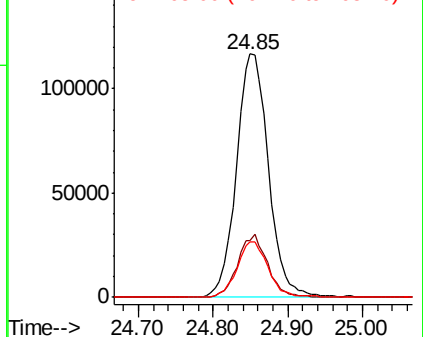


Abundance

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: 43.469 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

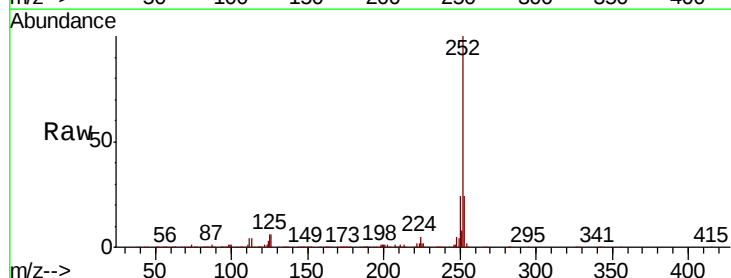
Tgt Ion:252 Resp: 855779

Ion Ratio Lower Upper

252 100

253 23.8 17.7 26.5

125 5.6 4.5 6.7

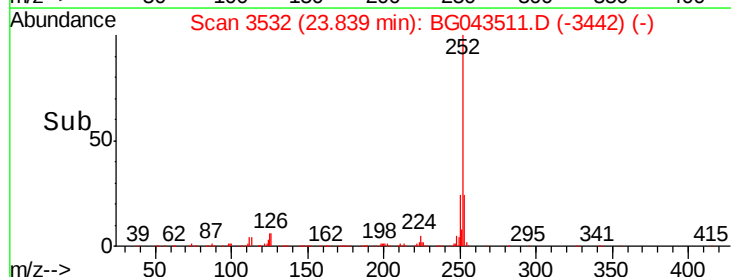
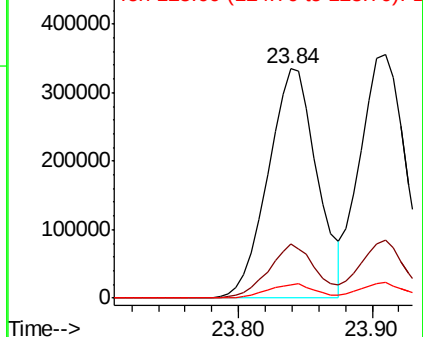


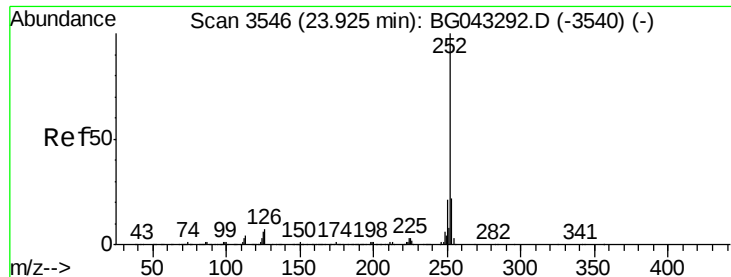
Abundance

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: 42.765 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampleId :

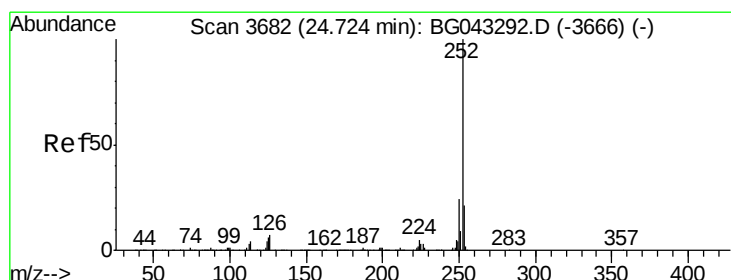
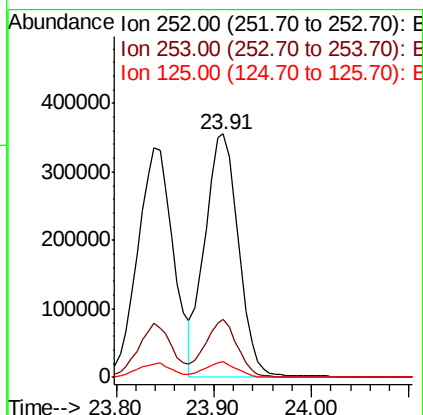
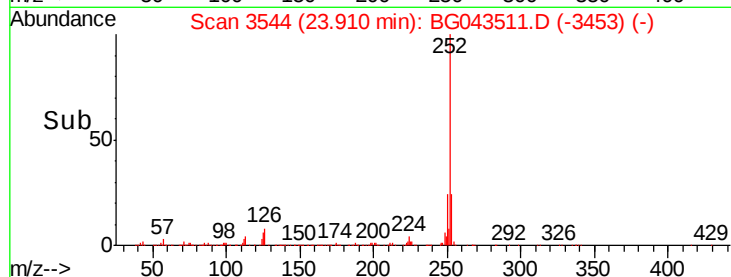
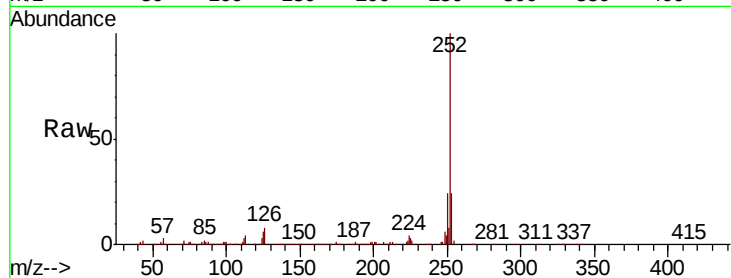
Tot Ion:252 Resp: 847572

Ion Ratio Lower Upper

252 100

253 23.7 17.3 25.9

125 6.3 4.6 6.8



#90

Benzo(a)pyrene

Concen: 42.064 ng

RT: 24.70 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

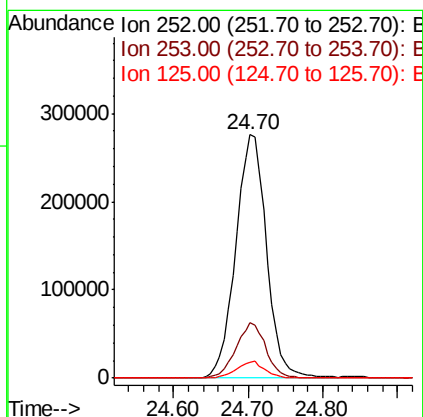
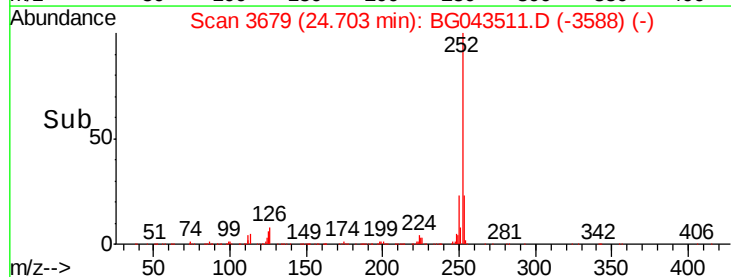
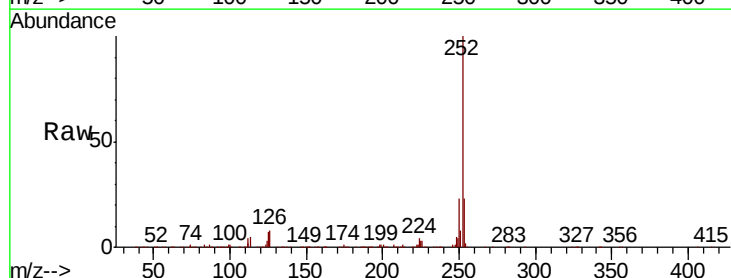
Tgt Ion:252 Resp: 790795

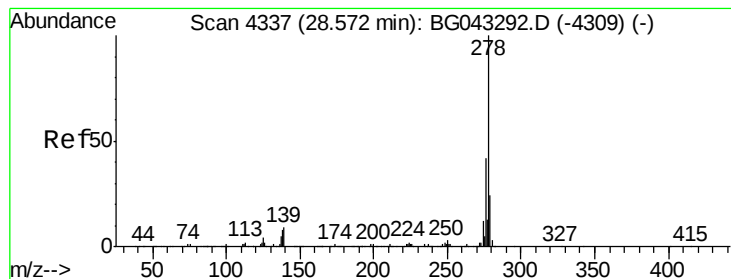
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 6.5 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 45.855 ng

RT: 28.56 min Scan# 4335

Delta R.T. 0.00 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

Instrument :

BNA_G

ClientSampled :

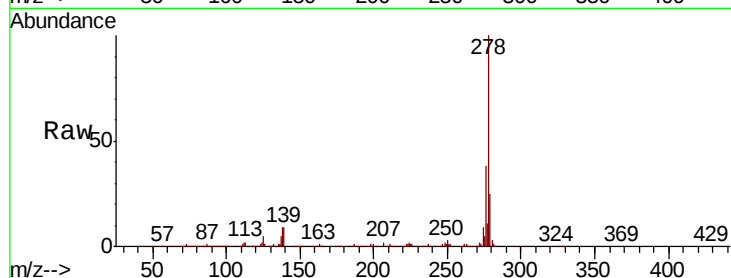
Tot Ion:278 Resp: 881775

Ion Ratio Lower Upper

278 100

139 9.0 7.4 11.0

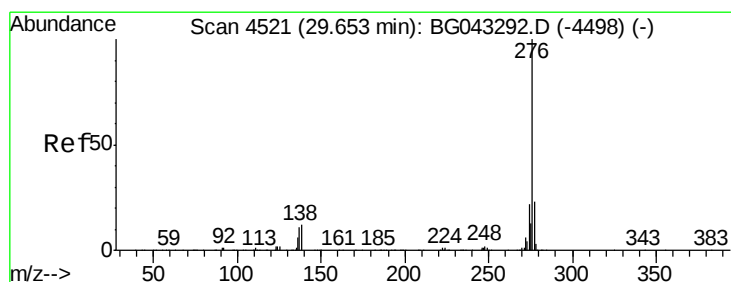
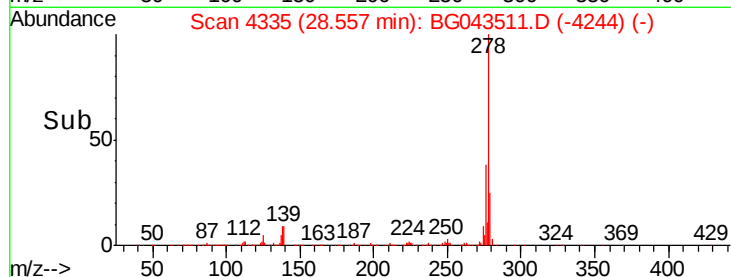
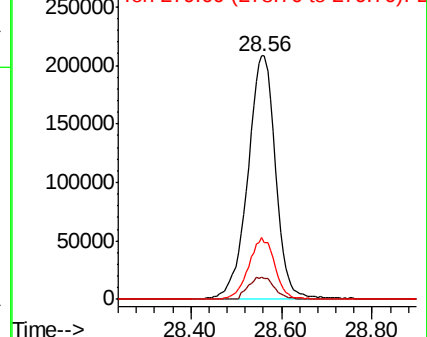
279 25.2 19.1 28.7



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: 45.816 ng

RT: 29.64 min Scan# 4520

Delta R.T. 0.01 min

Lab File: BG043511.D

Acq: 5 Nov 2019 17:11

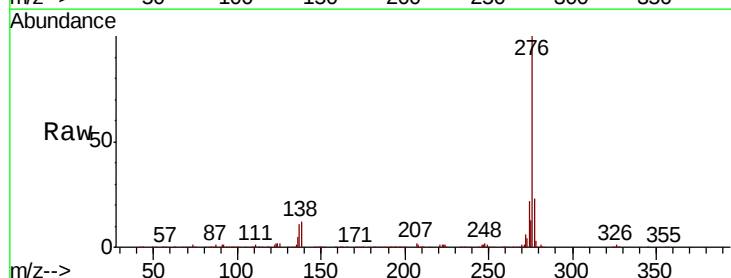
Tgt Ion:276 Resp: 869032

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 12.2 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

