

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042420\
 Data File : BG045165.D
 Acq On : 24 Apr 2020 17:42
 Operator : CG/JU
 Sample : L2399-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP1-AMSD

Quant Time: Apr 24 18:25:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 13:00:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	69479	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	272419	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	198974	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	465271	20.00	ng	0.00
76) Chrysene-d12	21.65	240	422392	20.00	ng	0.00
87) Perylene-d12	24.83	264	472039	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	485762	115.43	ng	0.00
7) Phenol-d6	7.17	99	712896	114.01	ng	0.00
23) Nitrobenzene-d5	9.16	82	455602	76.31	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	323507	105.24	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1061192	78.20	ng	0.00
79) Terphenyl-d14	20.00	244	1779973	91.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	75757	40.506	ng	98
3) Pyridine	3.85	79	209714	36.418	ng	93
4) n-Nitrosodimethylamine	3.77	42	84836	48.091	ng	# 94
6) Aniline	7.32	93	252487	31.057	ng	98
8) 2-Chlorophenol	7.57	128	231537	51.192	ng	97
9) Benzaldehyde	7.13	77	107150	27.335	ng	94
10) Phenol	7.20	94	318195	50.855	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	214099	42.978	ng	97
12) 1,3-Dichlorobenzene	7.89	146	243875	45.758	ng	98
13) 1,4-Dichlorobenzene	8.04	146	251639	47.383	ng	98
14) 1,2-Dichlorobenzene	8.35	146	231554	45.575	ng	94
15) Benzyl Alcohol	8.24	79	234229	44.680	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	194430	39.760	ng	95
17) 2-Methylphenol	8.45	107	209318	43.359	ng	94
18) Hexachloroethane	9.09	117	94095	47.131	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	187198	42.334	ng	99
20) 3+4-Methylphenols	8.78	107	285968	42.321	ng	97
22) Acetophenone	8.82	105	343206	46.588	ng	# 98
24) Nitrobenzene	9.20	77	284338	46.462	ng	95
25) Isophorone	9.73	82	523688	42.833	ng	97
26) 2-Nitrophenol	9.92	139	133647	50.699	ng	90
27) 2,4-Dimethylphenol	9.98	122	212589	50.826	ng	95
28) bis(2-Chloroethoxy)methane	10.21	93	292039	45.461	ng	99
29) 2,4-Dichlorophenol	10.46	162	242397	50.189	ng	97
30) 1,2,4-Trichlorobenzene	10.67	180	257568	47.102	ng	92
31) Naphthalene	10.86	128	708806	47.563	ng	99
32) Benzoic acid	10.13	122	158494	47.051	ng	96
33) 4-Chloroaniline	10.96	127	122278	17.594	ng	97
34) Hexachlorobutadiene	11.16	225	176102	46.971	ng	98
35) Caprolactam	11.73	113	46121	23.994	ng	91
36) 4-Chloro-3-methylphenol	12.10	107	280017	49.354	ng	98
37) 2-Methylnaphthalene	12.47	142	534317	46.193	ng	97
38) 1-Methylnaphthalene	12.68	142	510654	46.764	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	295647	46.148	ng	98

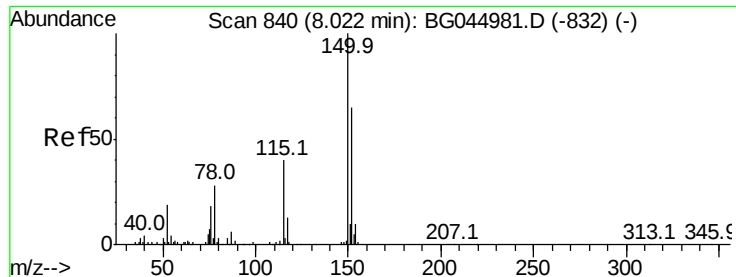
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042420\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	421700	105.316	ng	98
43) 2,4,6-Trichlorophenol	13.07	196	218652	48.359	ng	97
44) 2,4,5-Trichlorophenol	13.15	196	234978	45.657	ng	99
46) 1,1'-Biphenyl	13.47	154	674911	44.627	ng	99
47) 2-Chloronaphthalene	13.51	162	528722	45.754	ng	99
48) 2-Nitroaniline	13.71	65	171775	45.179	ng	99
49) Acenaphthylene	14.36	152	861185	45.752	ng	99
50) Dimethylphthalate	14.09	163	859434	53.047	ng	99
51) 2,6-Dinitrotoluene	14.21	165	164981	45.527	ng	97
52) Acenaphthene	14.70	154	531231	41.713	ng	98
53) 3-Nitroaniline	14.53	138	102006	25.666	ng	97
54) 2,4-Dinitrophenol	14.75	184	220405	102.285	ng	92
55) Dibenzofuran	15.04	168	840513	45.269	ng	99
56) 4-Nitrophenol	14.86	139	277623	90.090	ng	94
57) 2,4-Dinitrotoluene	15.00	165	235572	44.483	ng	# 97
58) Fluorene	15.69	166	690208	45.510	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.27	232	229971	50.219	ng	99
60) Diethylphthalate	15.46	149	728172	43.109	ng	100
61) 4-Chlorophenyl-phenylether	15.68	204	385519	44.163	ng	98
62) 4-Nitroaniline	15.70	138	166836	40.472	ng	94
63) Azobenzene	15.97	77	700756	44.997	ng	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	163645	53.509	ng	96
66) n-Nitrosodiphenylamine	15.90	169	621171	46.467	ng	100
67) 4-Bromophenyl-phenylether	16.57	248	271672	45.261	ng	98
68) Hexachlorobenzene	16.70	284	296097	47.564	ng	99
69) Atrazine	16.84	200	265658	55.611	ng	99
70) Pentachlorophenol	17.04	266	369146	96.663	ng	98
71) Phenanthrene	17.43	178	1131391	47.321	ng	99
72) Anthracene	17.52	178	1154918	48.155	ng	99
73) Carbazole	17.78	167	1087956	44.701	ng	98
74) Di-n-butylphthalate	18.35	149	1258163	47.878	ng	98
75) Fluoranthene	19.43	202	1407950	50.911	ng	99
77) Benzidine	19.61	184	721177	61.075	ng	98
78) Pyrene	19.80	202	1386423	47.611	ng	98
80) Butylbenzylphthalate	20.68	149	556238	46.082	ng	100
81) Benzo(a)anthracene	21.63	228	1295106	47.306	ng	99
82) 3,3'-Dichlorobenzidine	21.54	252	329985	30.283	ng	99
83) Chrysene	21.70	228	1276318	48.521	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	767157	46.211	ng	100
85) Di-n-octyl phthalate	22.75	149	1318674	45.935	ng	99
86) Indeno(1,2,3-cd)pyrene	28.44	276	1692202	48.454	ng	# 96
88) Benzo(b)fluoranthene	23.82	252	1442719	48.793	ng	99
89) Benzo(k)fluoranthene	23.89	252	1351041	48.046	ng	99
90) Benzo(a)pyrene	24.68	252	1312859	47.027	ng	99
91) Dibenzo(a,h)anthracene	28.50	278	1374143	48.849	ng	96
92) Benzo(g,h,i)perylene	29.56	276	1392618	49.379	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

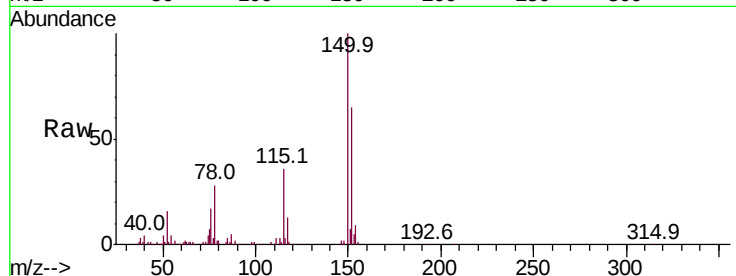
Tot Ion:152 Resp: 69479

Ion Ratio Lower Upper

152 100

150 154.6 123.6 185.4

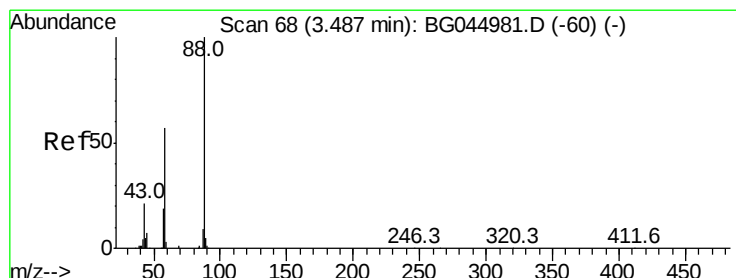
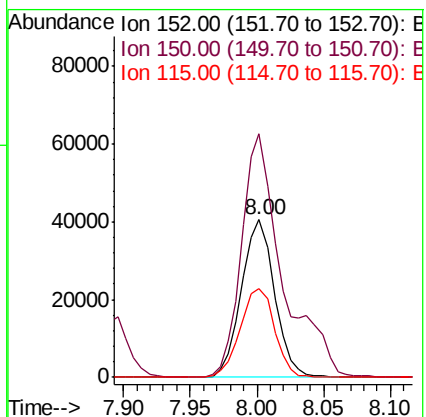
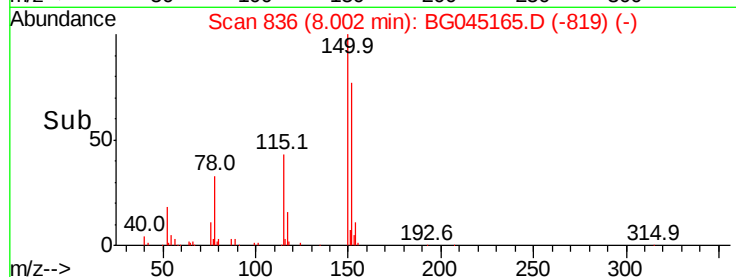
115 56.4 49.1 73.7



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: 40.506 ng

RT: 3.46 min Scan# 63

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

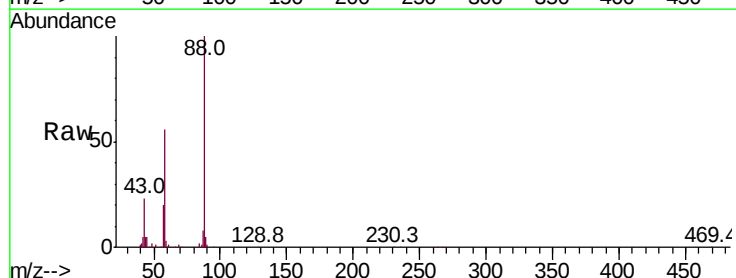
Tgt Ion: 88 Resp: 75757

Ion Ratio Lower Upper

88 100

58 59.9 46.6 69.8

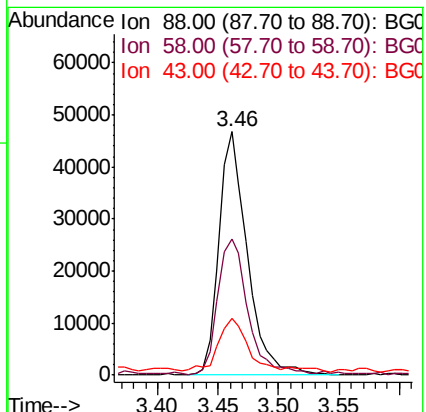
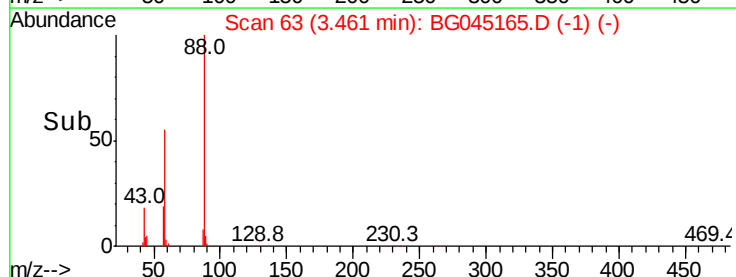
43 21.0 17.5 26.3

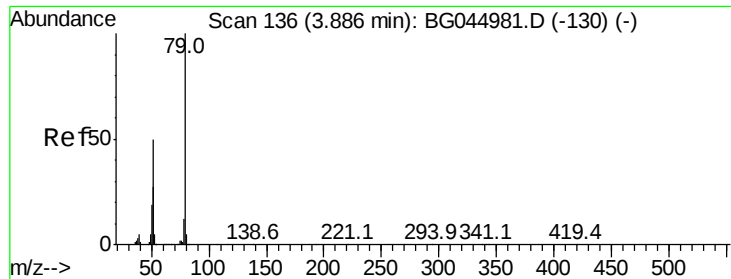


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.418 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

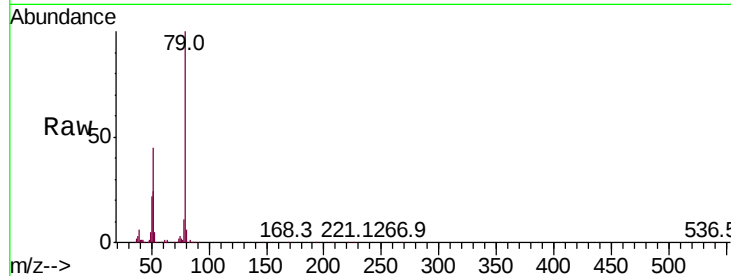
BNA_G

ClientSampleId :

SP1-AMSD

Tot Ion: 79 Resp: 209714

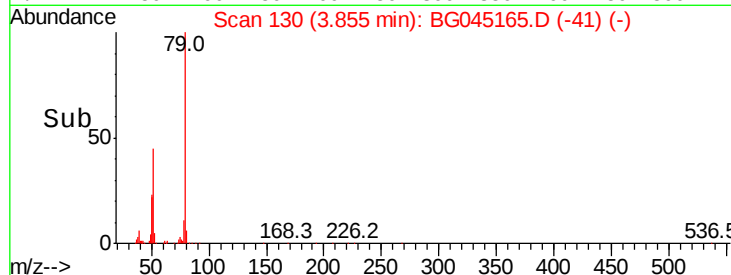
Ion	Ratio	Lower	Upper
79	100		
52	44.6	39.8	59.6
51	23.7	21.4	32.2



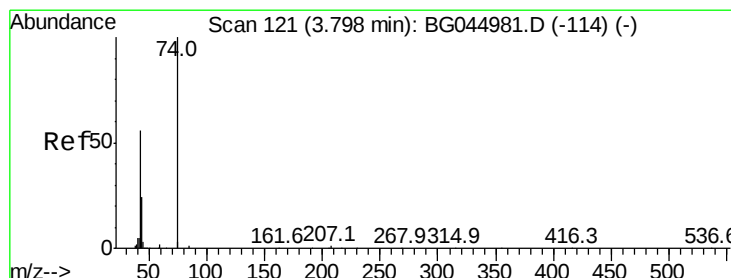
Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#4

n-Nitrosodimethylamine

Concen: 48.091 ng

RT: 3.77 min Scan# 116

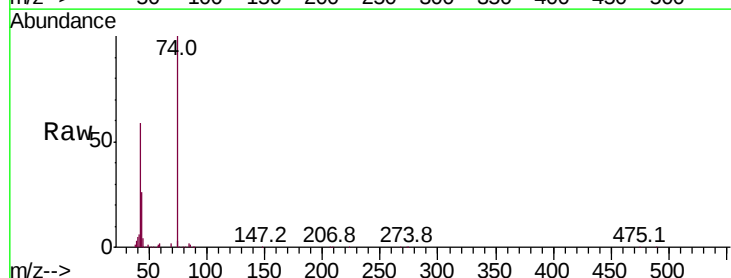
Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Tgt Ion: 42 Resp: 84836

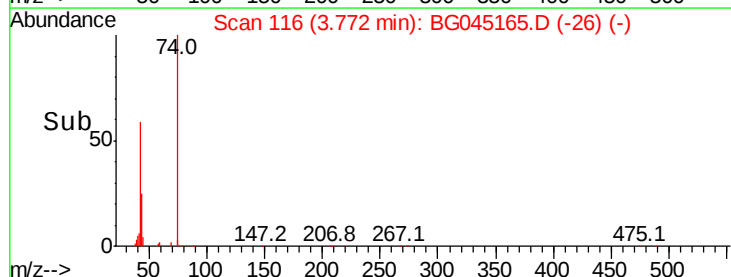
Ion	Ratio	Lower	Upper
42	100		
74	169.6	143.0	214.6
44	7.5	4.6	6.8



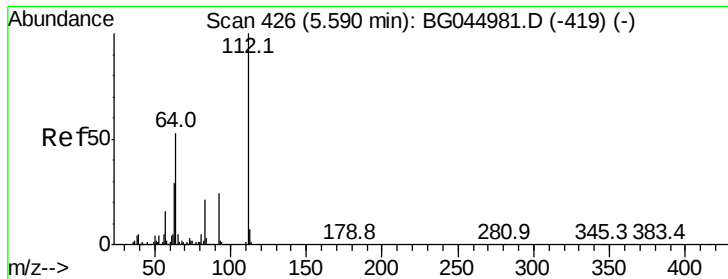
Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC



Time-->



#5

2-Fluorophenol

Concen: 115.426 ng

RT: 5.58 min Scan# 423

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

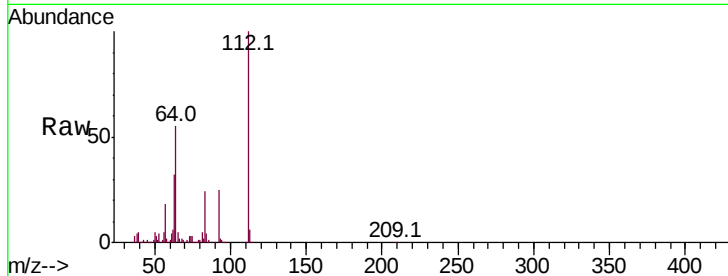
Tot Ion:112 Resp: 485762

Ion Ratio Lower Upper

112 100

64 54.7 42.4 63.6

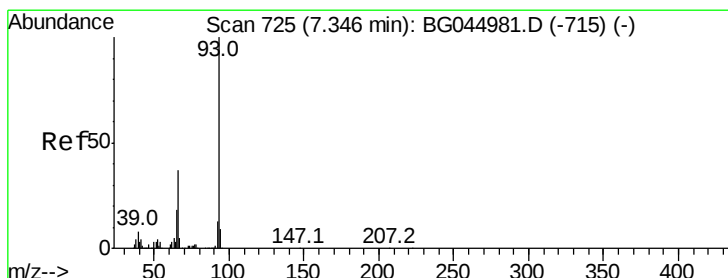
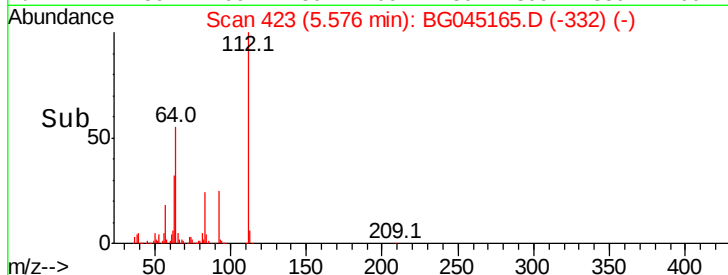
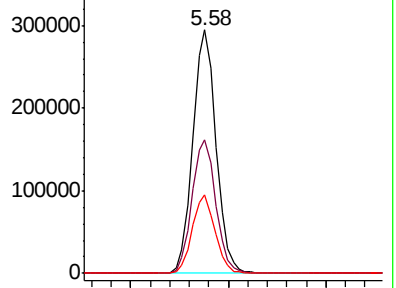
63 32.4 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.057 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

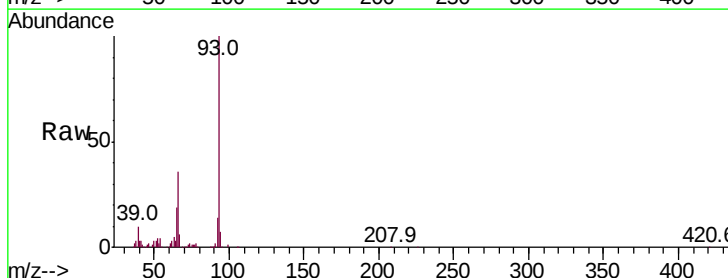
Tgt Ion: 93 Resp: 252487

Ion Ratio Lower Upper

93 100

66 35.6 29.8 44.8

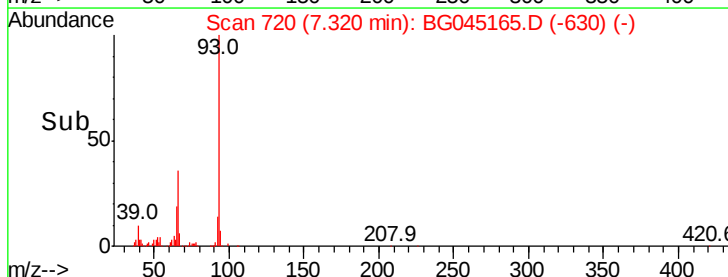
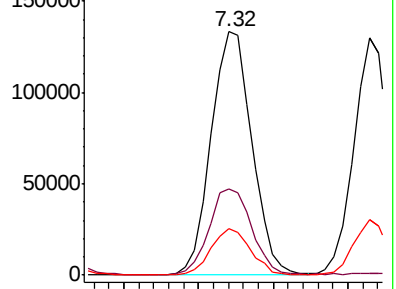
65 19.0 14.6 22.0

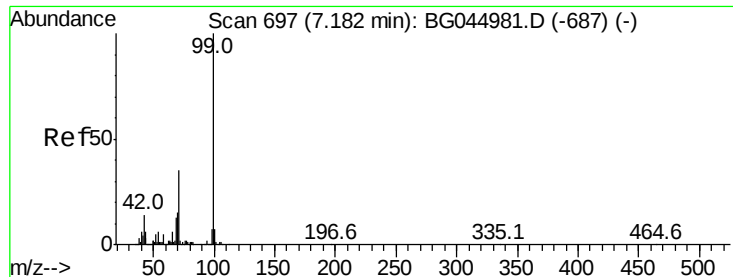


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 114.014 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampled :

SP1-AMSD

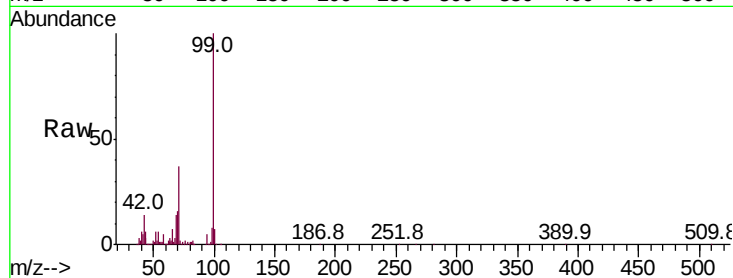
Tot Ion: 99 Resp: 712896

Ion Ratio Lower Upper

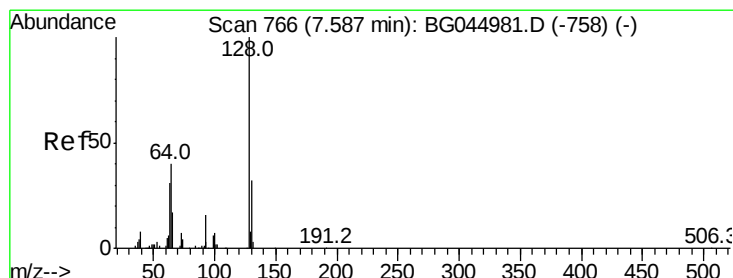
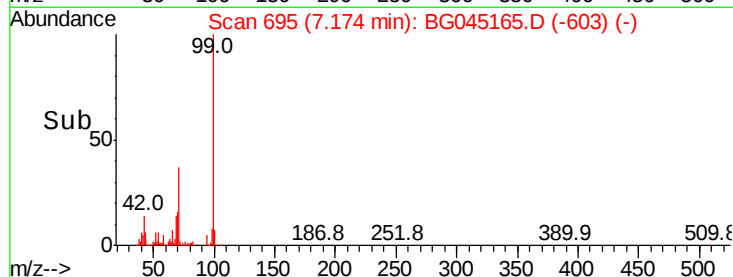
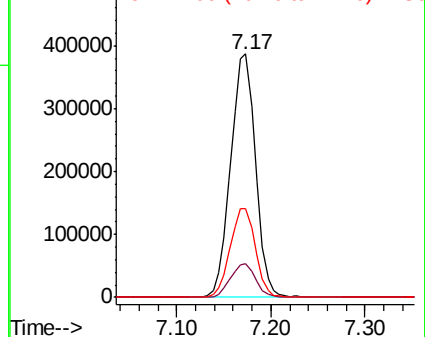
99 100

42 13.6 11.3 16.9

71 36.6 28.3 42.5



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: 51.192 ng

RT: 7.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

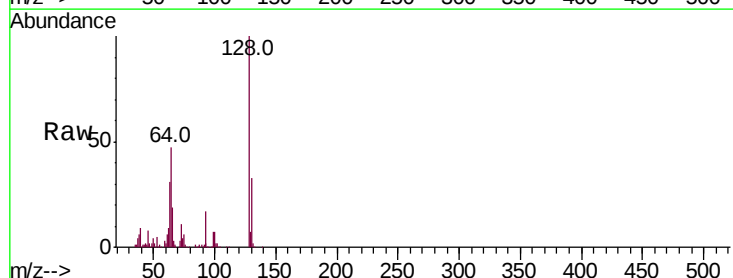
Tgt Ion: 128 Resp: 231537

Ion Ratio Lower Upper

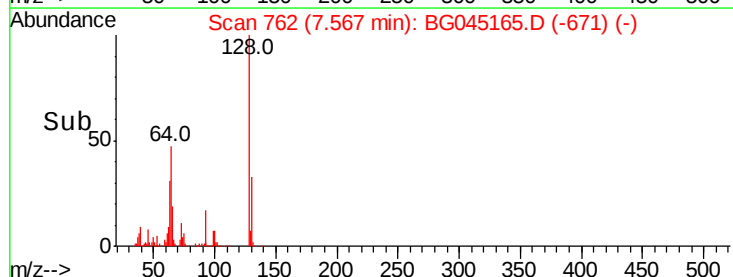
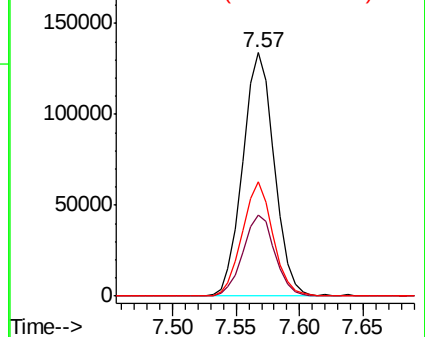
128 100

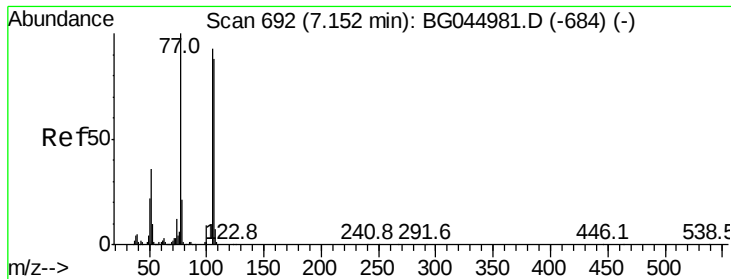
130 33.5 12.3 52.3

64 47.1 24.4 64.4



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: 27.335 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

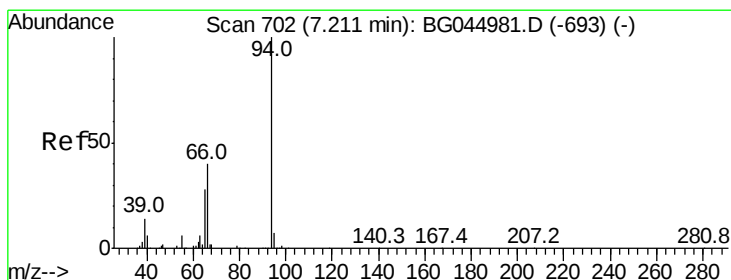
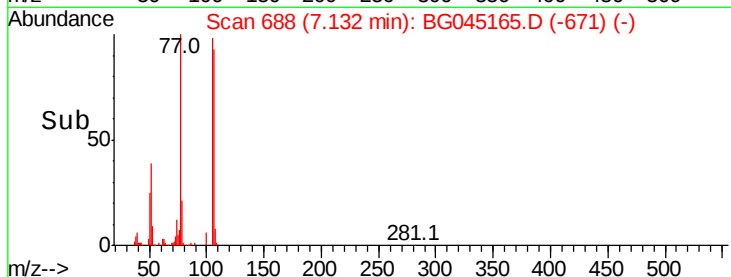
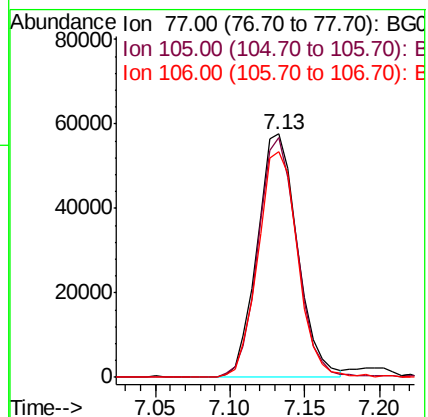
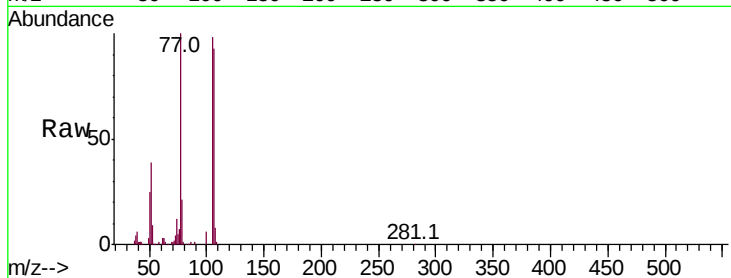
Tot Ion: 77 Resp: 107150

Ion Ratio Lower Upper

77 100

105 98.3 72.9 112.9

106 92.7 67.6 107.6



#10

Phenol

Concen: 50.855 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

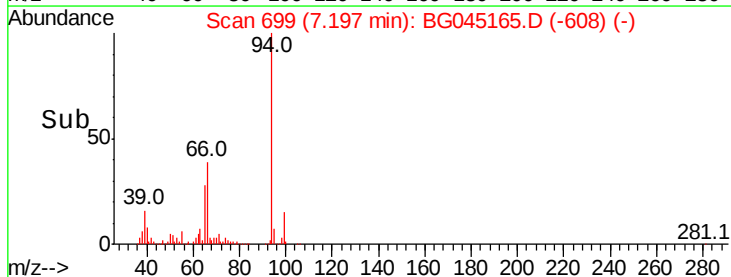
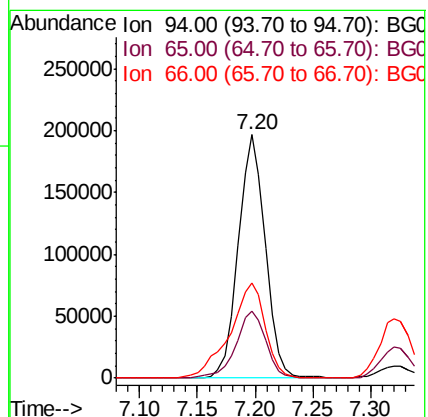
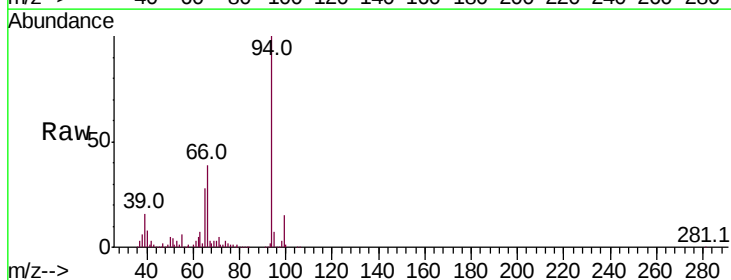
Tgt Ion: 94 Resp: 318195

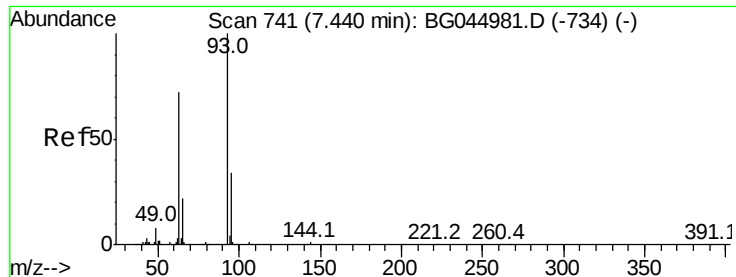
Ion Ratio Lower Upper

94 100

65 27.5 8.2 48.2

66 39.2 20.4 60.4

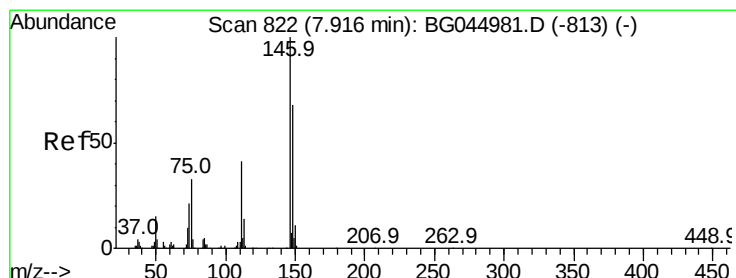
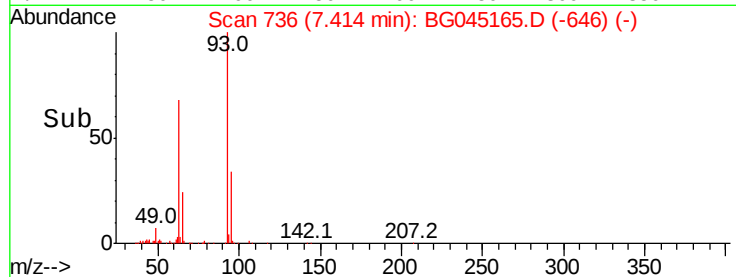
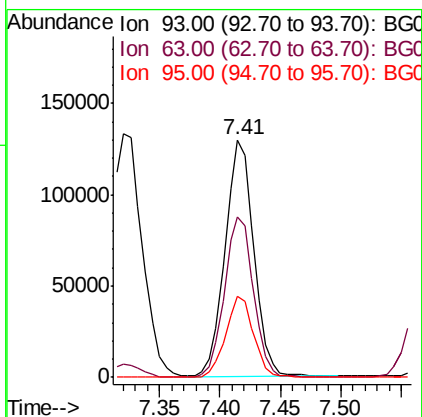
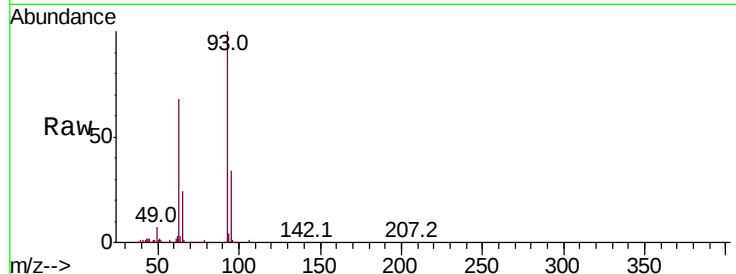




#11
bis(2-Chloroethyl)ether
Concen: 42.978 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

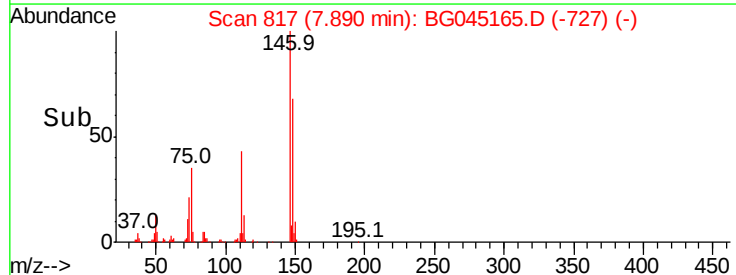
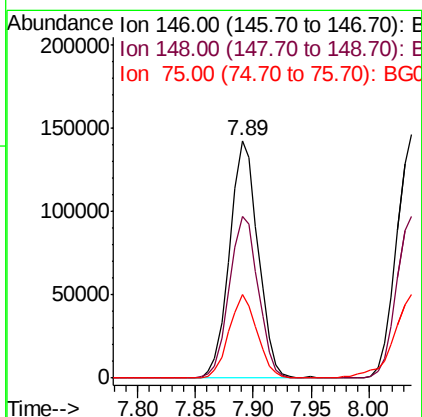
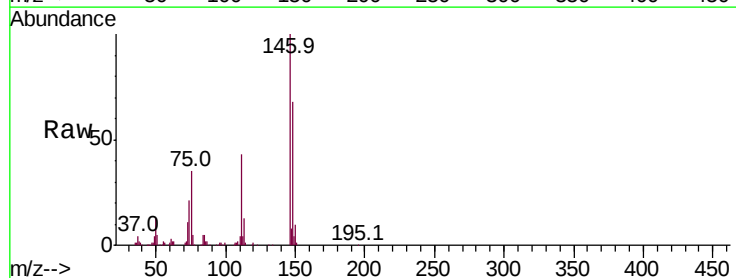
Instrument :
BNA_G
ClientSampleId :
SP1-AMSD

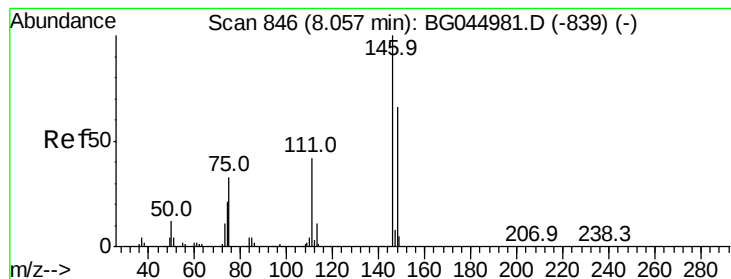
Tot Ion: 93 Resp: 214099
Ion Ratio Lower Upper
93 100
63 67.7 51.8 91.8
95 33.9 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 45.758 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

Tgt Ion: 146 Resp: 243875
Ion Ratio Lower Upper
146 100
148 68.2 54.6 81.8
75 35.2 26.0 39.0





#13

1,4-Dichlorobenzene

Concen: 47.383 ng

RT: 8.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

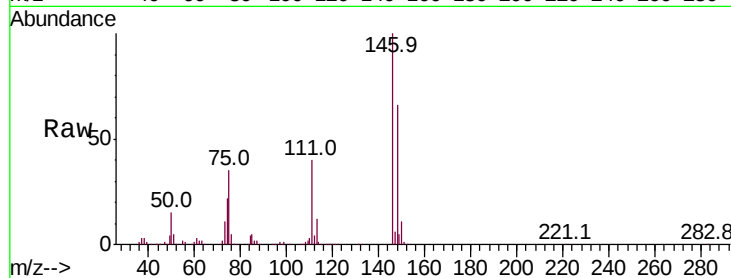
Tot Ion:146 Resp: 251639

Ion Ratio Lower Upper

146 100

148 66.3 53.3 79.9

111 40.1 33.8 50.8

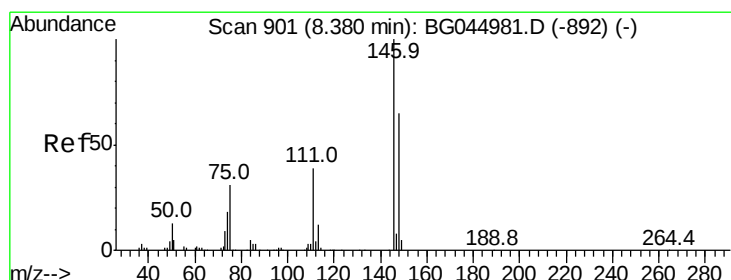
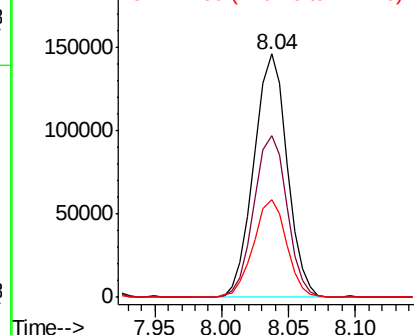
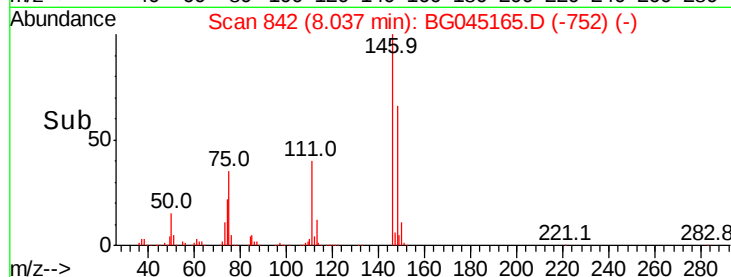


Abundance

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: 45.575 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

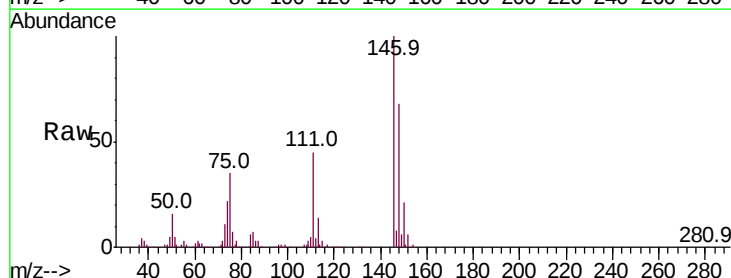
Tgt Ion:146 Resp: 231554

Ion Ratio Lower Upper

146 100

148 67.9 51.9 77.9

111 44.5 31.3 46.9

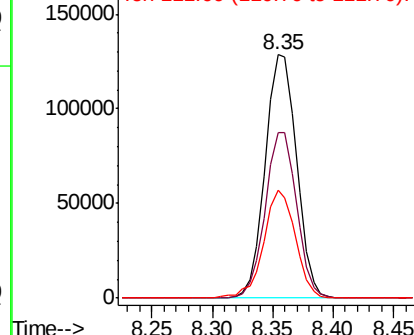
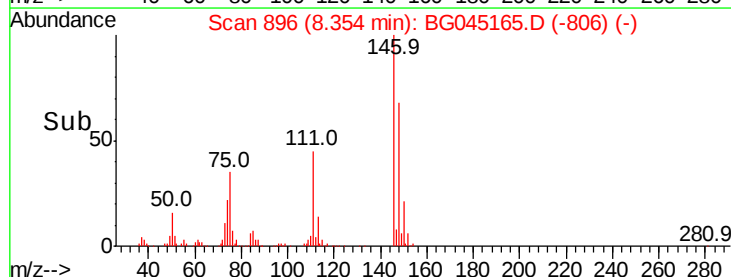


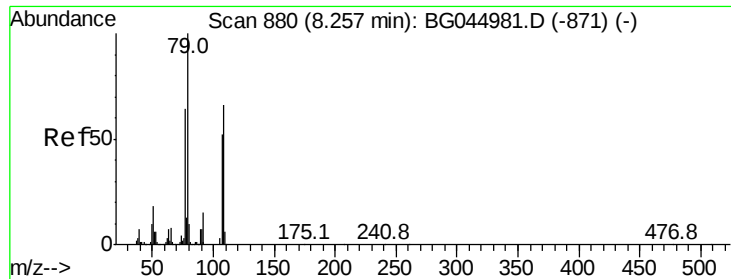
Abundance

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: 44.680 ng

RT: 8.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

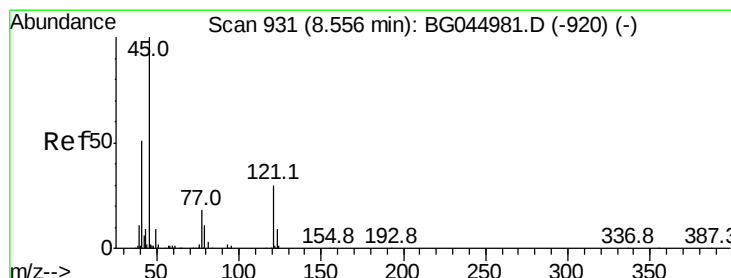
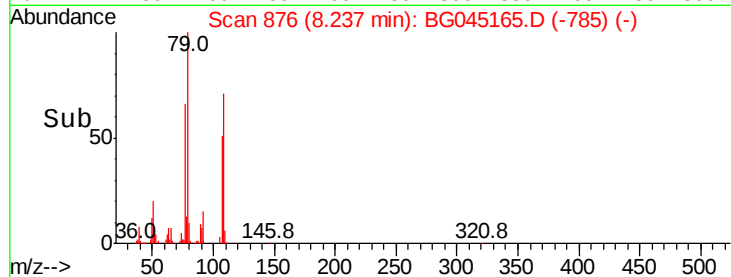
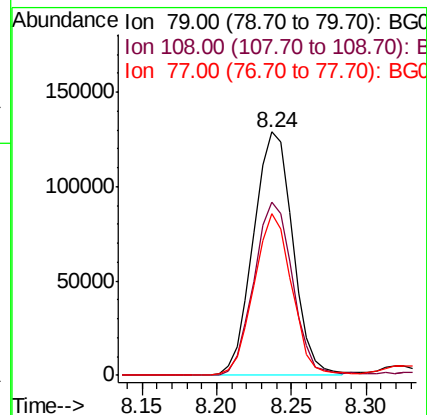
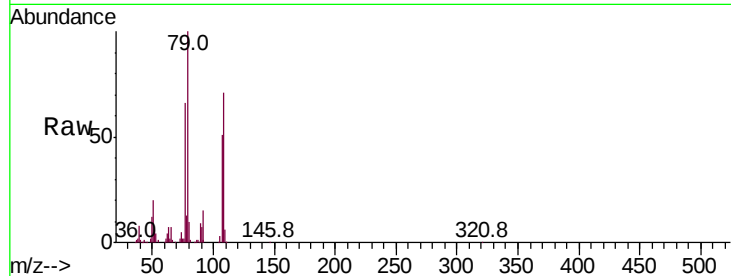
Tot Ion: 79 Resp: 234229

Ion Ratio Lower Upper

79 100

108 70.9 52.7 79.1

77 66.5 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.760 ng

RT: 8.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

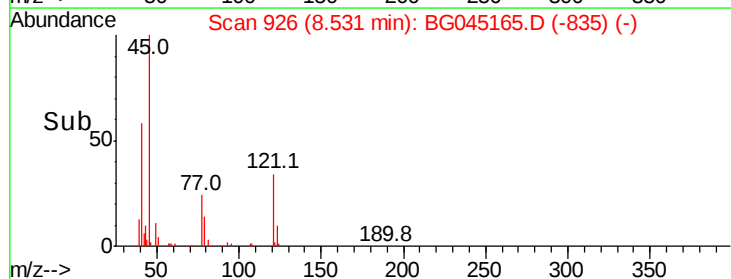
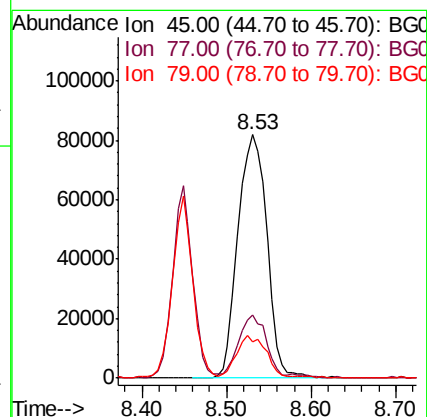
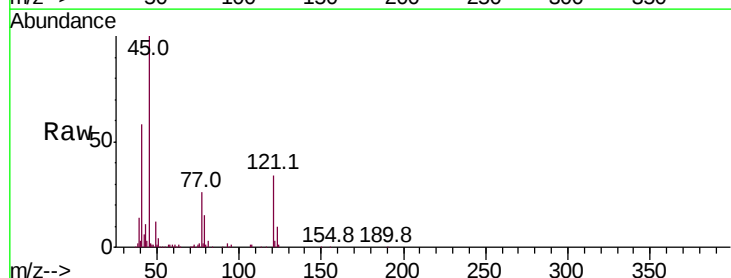
Tgt Ion: 45 Resp: 194430

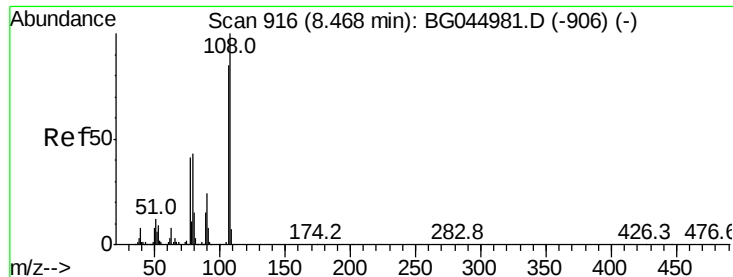
Ion Ratio Lower Upper

45 100

77 25.7 1.9 41.9

79 15.0 0.0 35.5





#17

2-Methylphenol

Concen: 43.359 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

Tot Ion:107 Resp: 209318

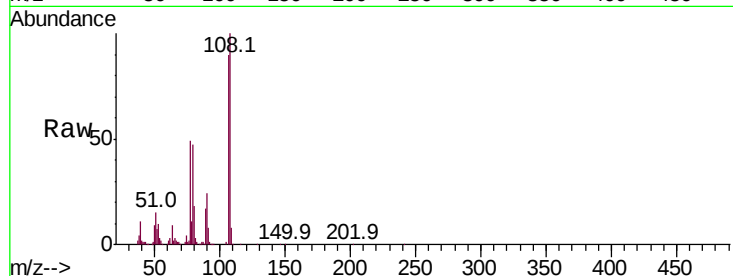
Ion Ratio Lower Upper

107 100

108 111.6 93.8 140.6

77 55.0 38.5 57.7

79 52.0 40.1 60.1

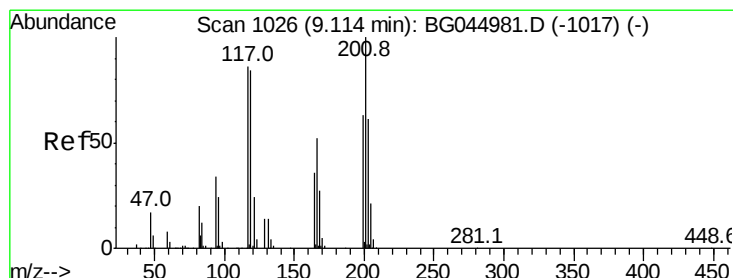
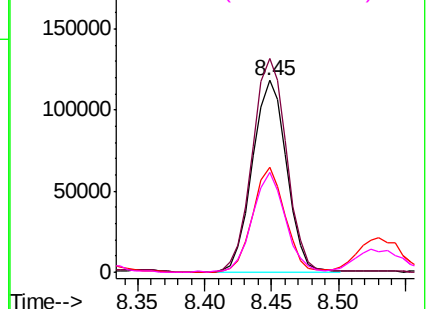
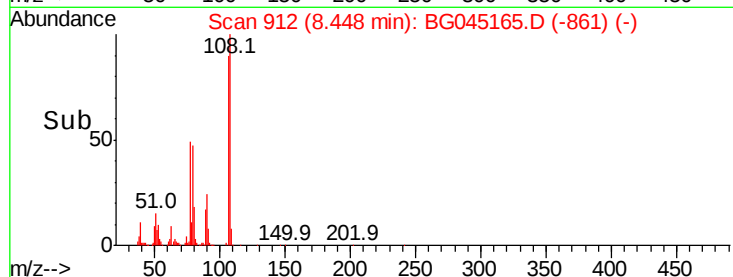


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 47.131 ng

RT: 9.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

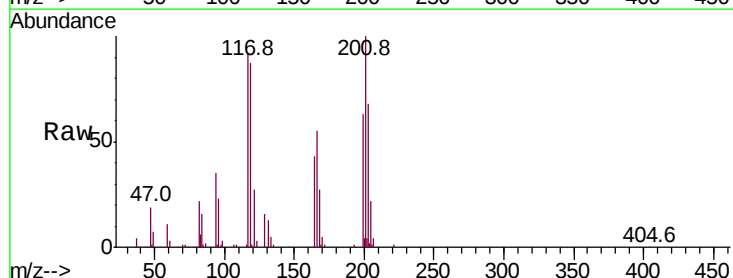
Tgt Ion:117 Resp: 94095

Ion Ratio Lower Upper

117 100

119 94.4 78.3 117.5

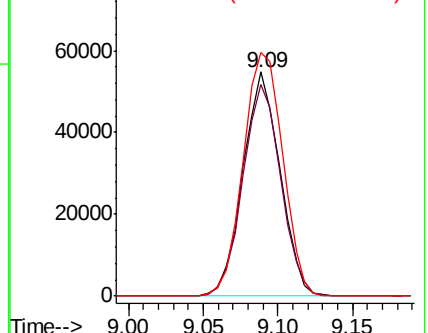
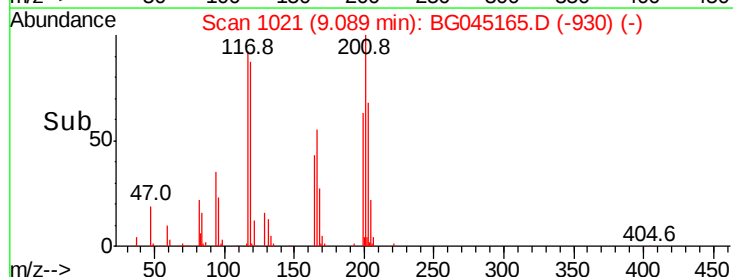
201 108.5 92.9 139.3

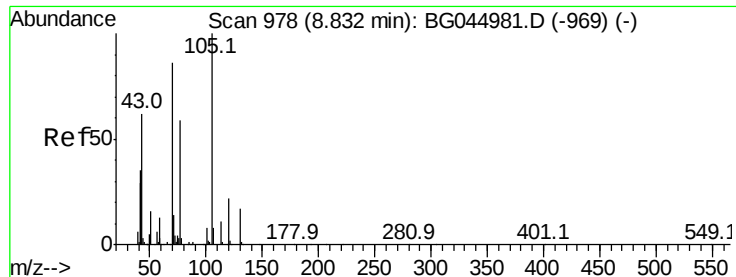


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

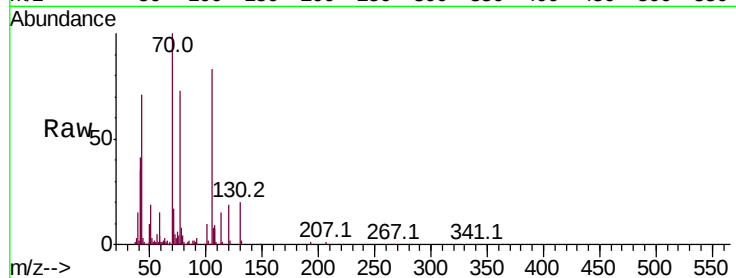




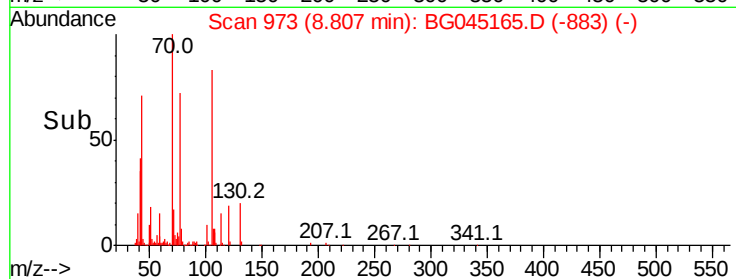
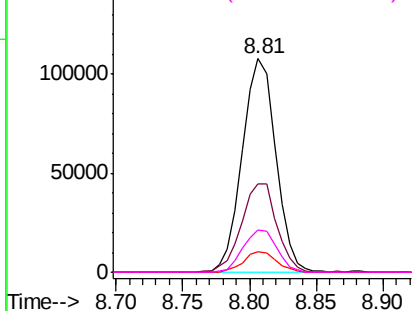
#19
n-Nitroso-di-n-propylamine
Concen: 42.334 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

Instrument :
BNA_G
ClientSampleId :
SP1-AMSD

Tot Ion: 70 Resp: 187198
Ion Ratio Lower Upper
70 100
42 41.3 33.3 49.9
101 9.6 7.8 11.8
130 20.0 15.8 23.6



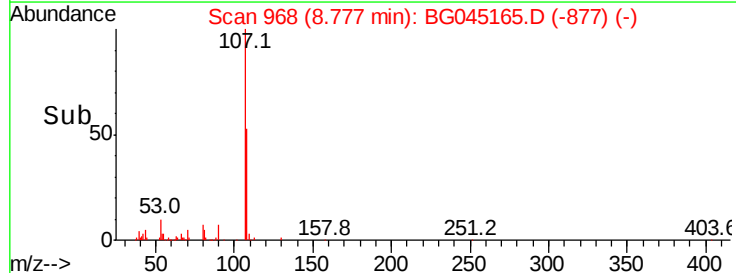
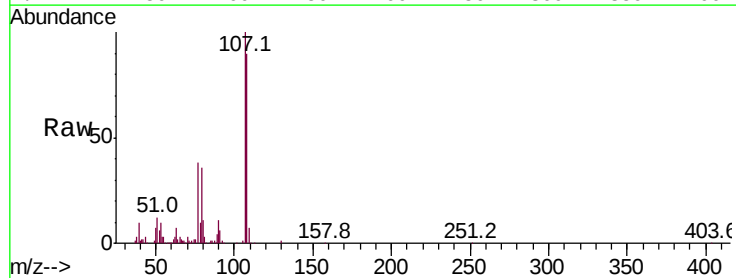
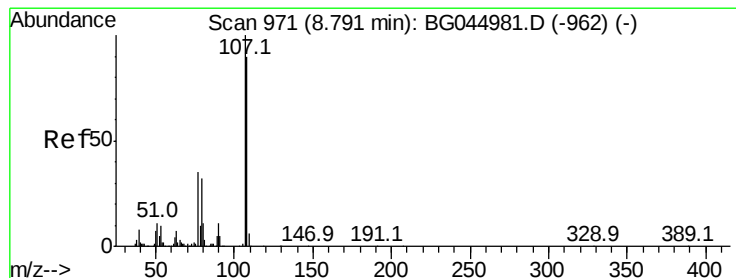
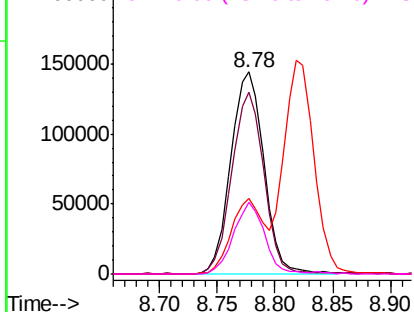
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

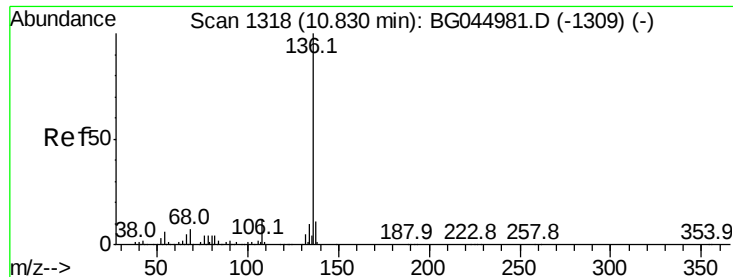


#20
3+4-Methylphenols
Concen: 42.321 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

Tgt Ion:107 Resp: 285968
Ion Ratio Lower Upper
107 100
108 90.1 69.9 109.9
77 37.7 15.2 55.2
79 35.6 11.6 51.6

Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

Tot Ion:136 Resp: 272419

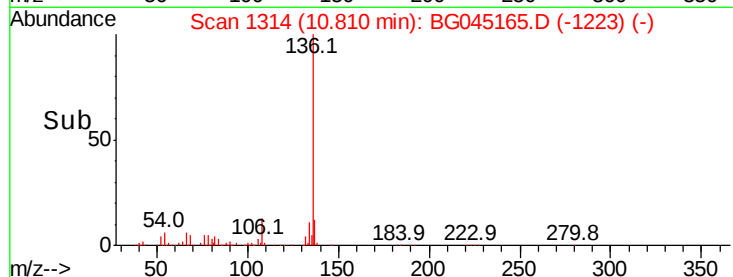
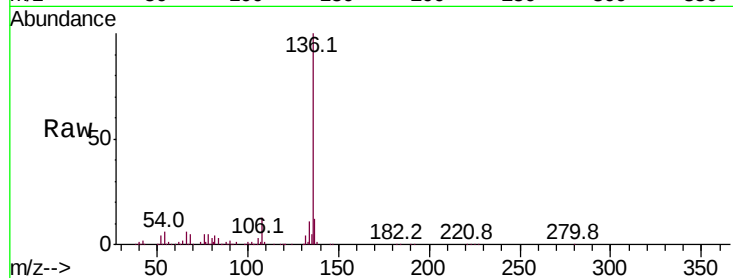
Ion Ratio Lower Upper

136 100

137 11.8 8.6 13.0

54 5.7 4.8 7.2

68 5.4 5.2 7.8

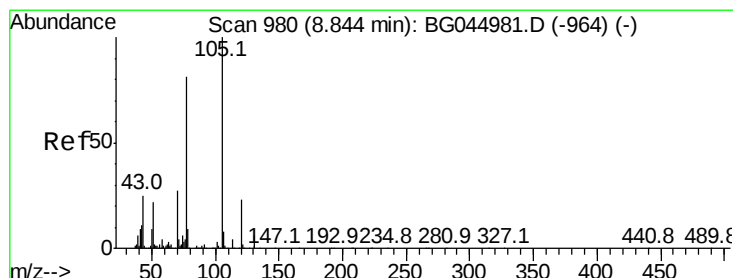
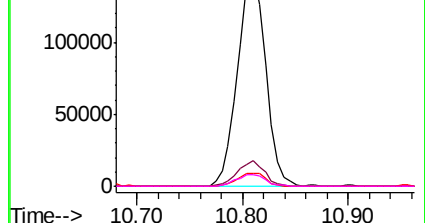


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.588 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Tgt Ion:105 Resp: 343206

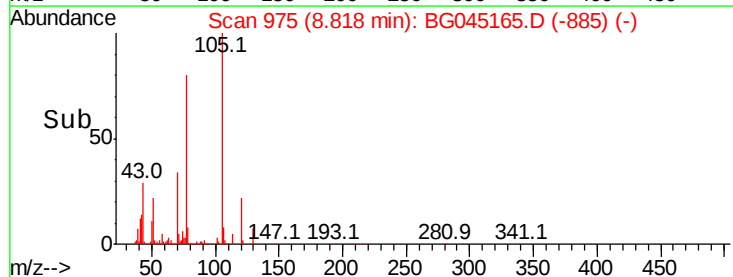
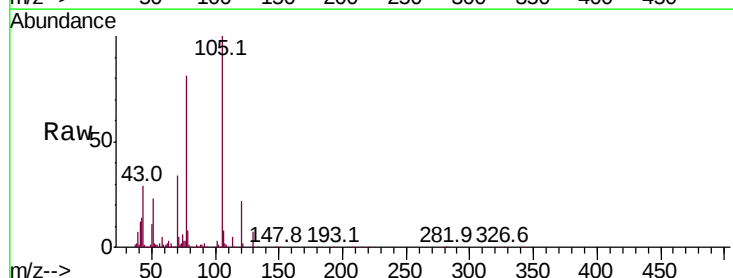
Ion Ratio Lower Upper

105 100

71 5.2 3.3 4.9#

51 22.5 17.3 25.9

120 22.5 18.4 27.6

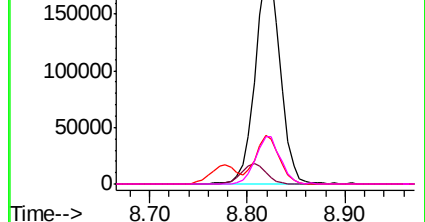


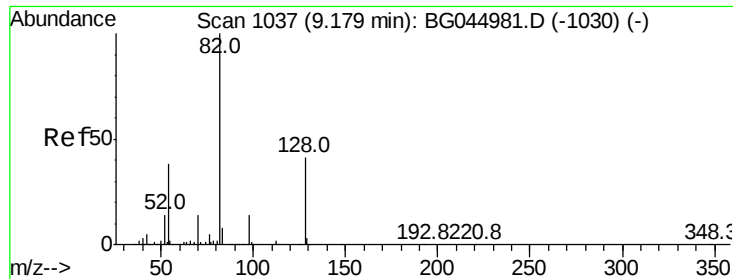
Abundance Ion 105.00 (104.70 to 105.70): E

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

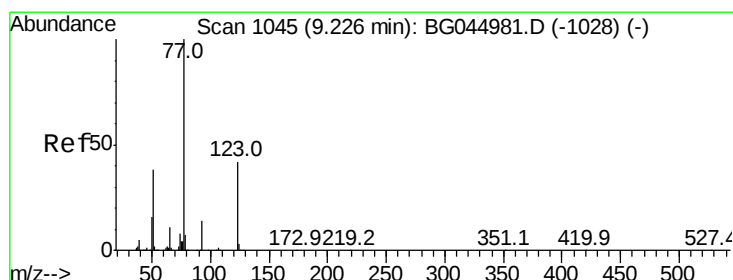
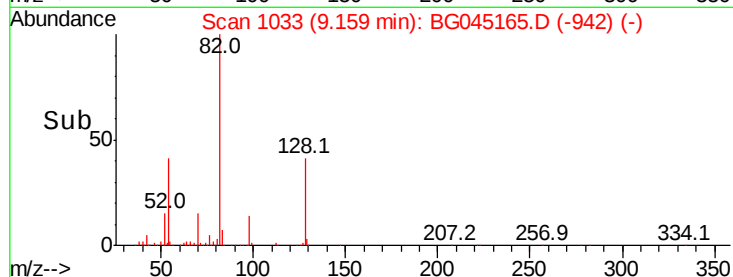
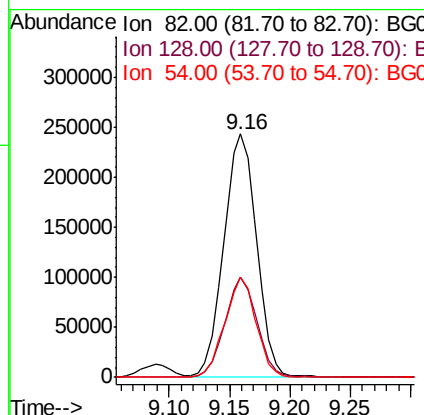
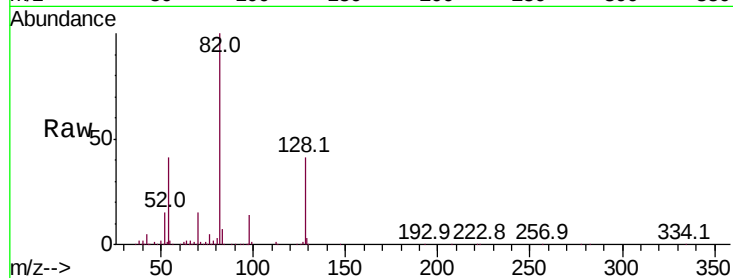




#23
 Nitrobenzene-d5
 Concen: 76.311 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045165.D
 Acq: 24 Apr 2020 17:42

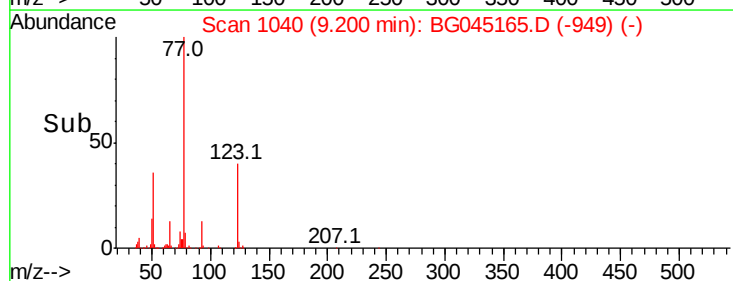
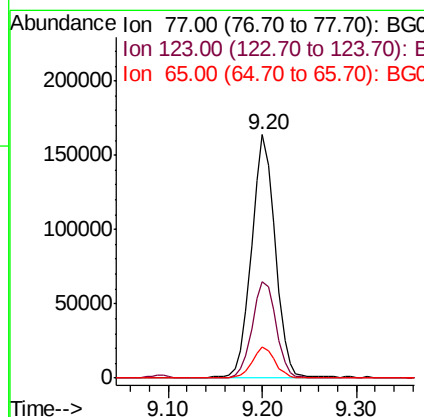
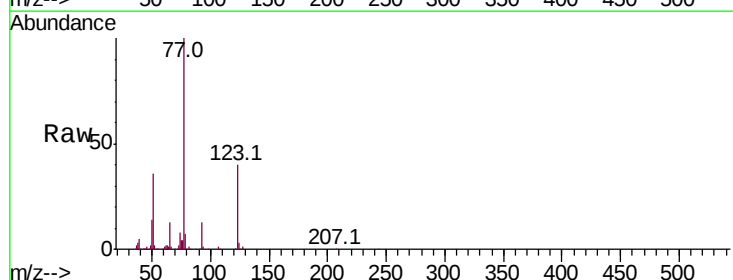
Instrument :
 BNA_G
 ClientSampleId :
 SP1-AMSD

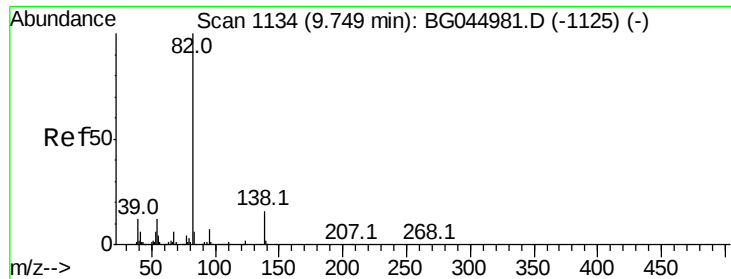
Tot Ion	82	Resp	455602
Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.0	49.4
54	41.4	30.4	45.6



#24
 Nitrobenzene
 Concen: 46.462 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BG045165.D
 Acq: 24 Apr 2020 17:42

Tgt Ion	77	Resp	284338
Ion	Ratio	Lower	Upper
77	100		
123	39.5	34.3	51.5
65	13.0	8.9	13.3





#25

Isophorone

Concen: 42.833 ng

RT: 9.73 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

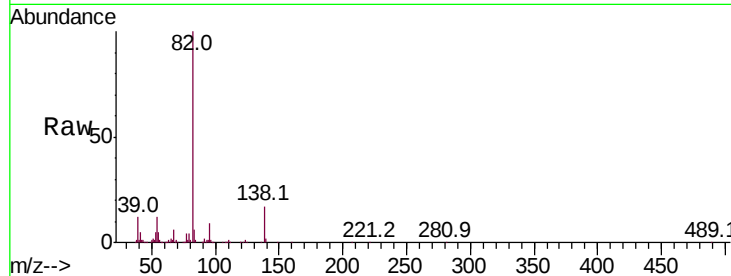
Tot Ion: 82 Resp: 523688

Ion Ratio Lower Upper

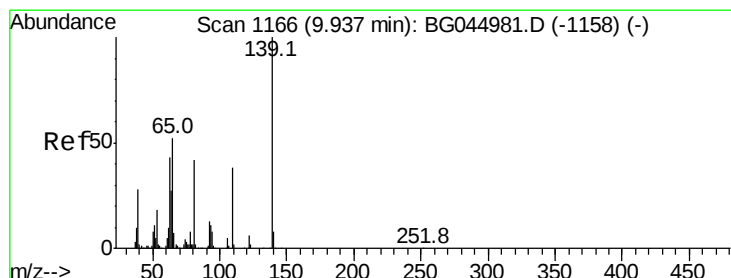
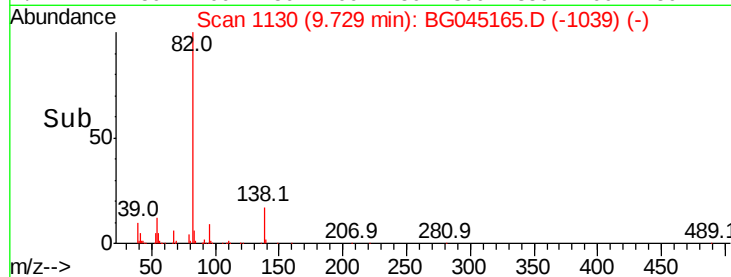
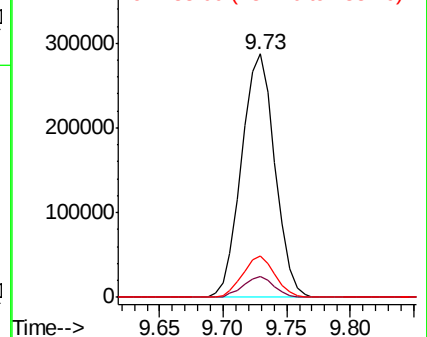
82 100

95 8.8 6.0 9.0

138 17.0 12.7 19.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 50.699 ng

RT: 9.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

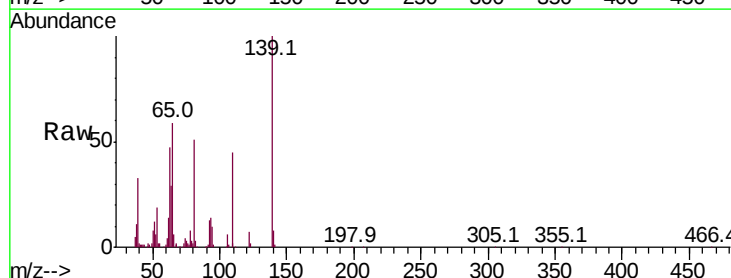
Tgt Ion: 139 Resp: 133647

Ion Ratio Lower Upper

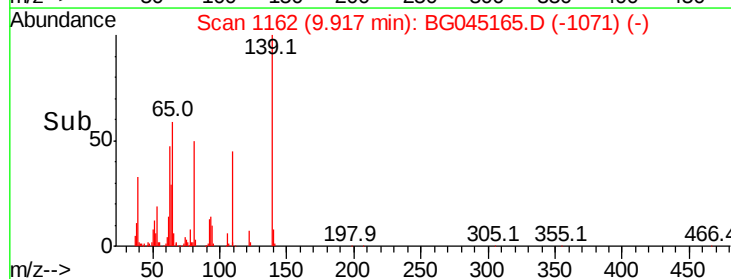
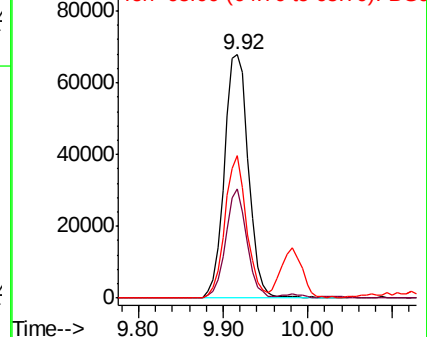
139 100

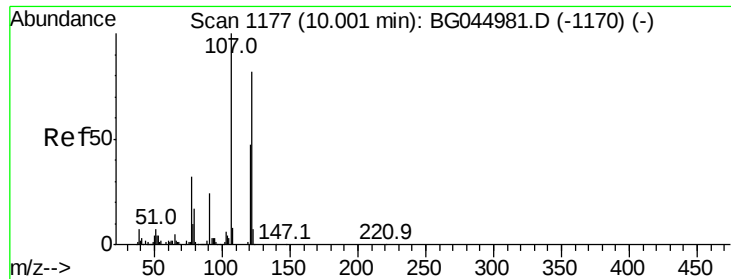
109 45.0 30.6 45.8

65 58.5 41.8 62.6



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

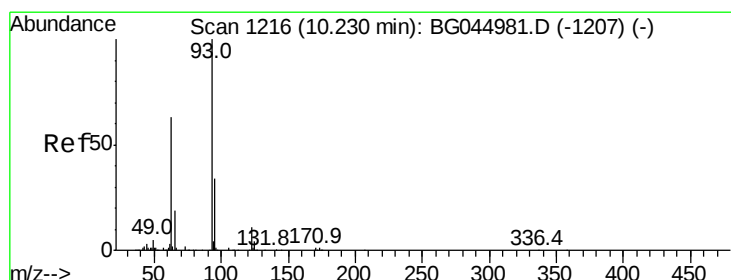
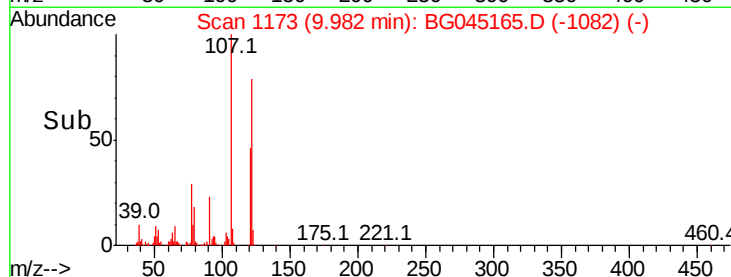
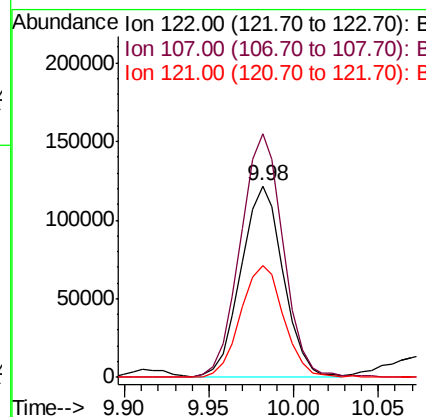
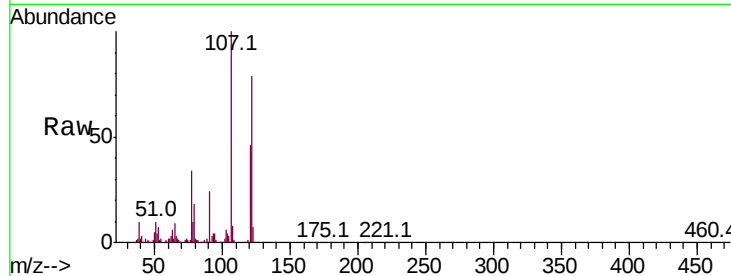




#27
2,4-Dimethylphenol
Concen: 50.826 ng
RT: 9.98 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

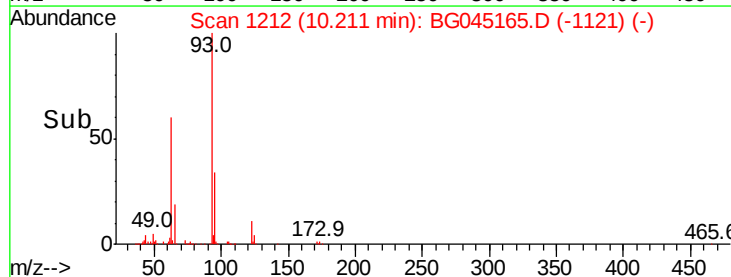
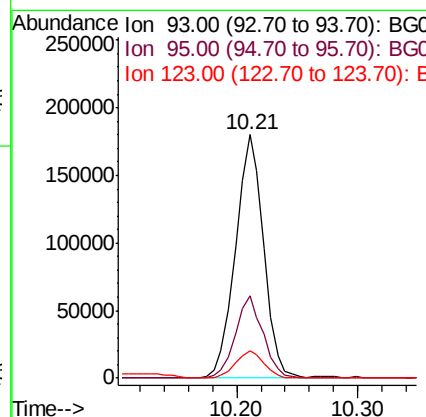
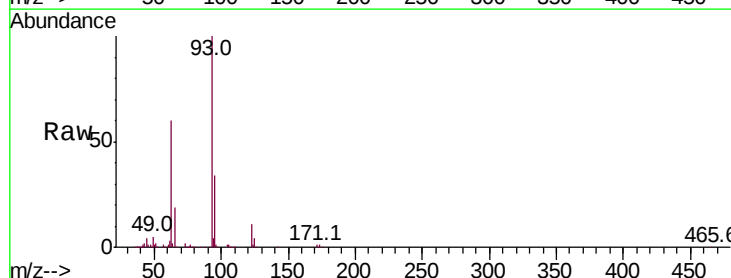
Instrument :
BNA_G
ClientSampleId :
SP1-AMSD

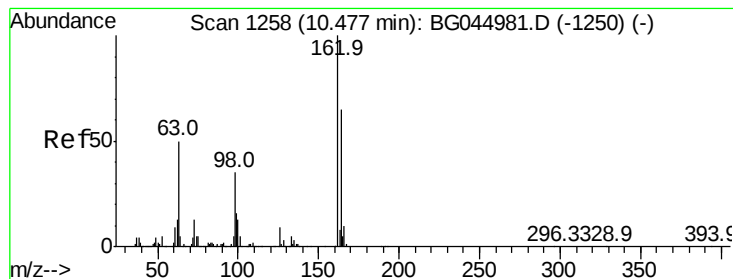
Tot Ion:122 Resp: 212589
Ion Ratio Lower Upper
122 100
107 127.3 96.8 145.2
121 58.5 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.461 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

Tgt Ion: 93 Resp: 292039
Ion Ratio Lower Upper
93 100
95 33.9 27.0 40.4
123 11.4 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 50.189 ng

RT: 10.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

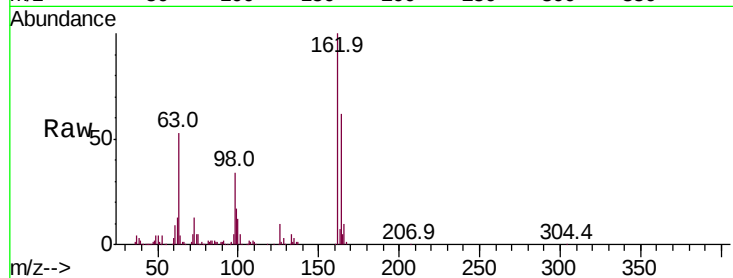
Tot Ion:162 Resp: 242397

Ion Ratio Lower Upper

162 100

164 61.8 45.0 85.0

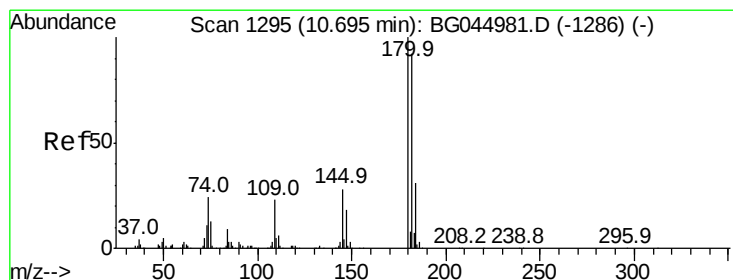
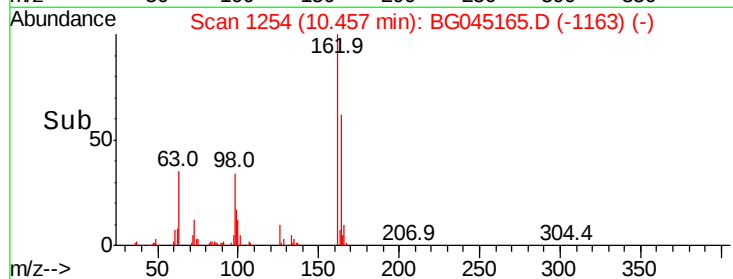
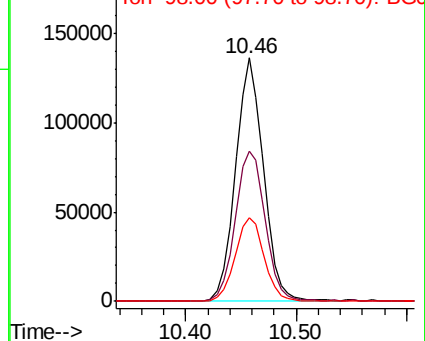
98 34.4 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 47.102 ng

RT: 10.67 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

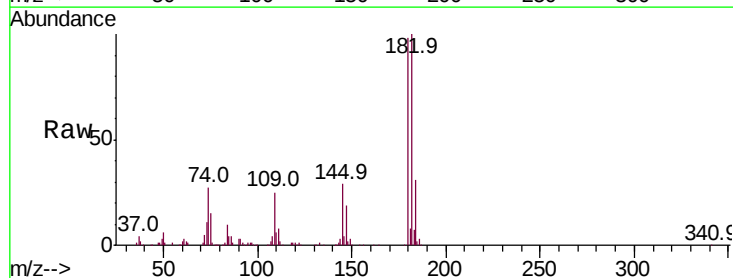
Tgt Ion:180 Resp: 257568

Ion Ratio Lower Upper

180 100

182 101.6 73.3 109.9

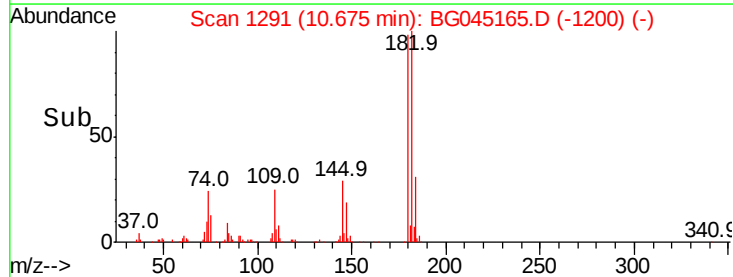
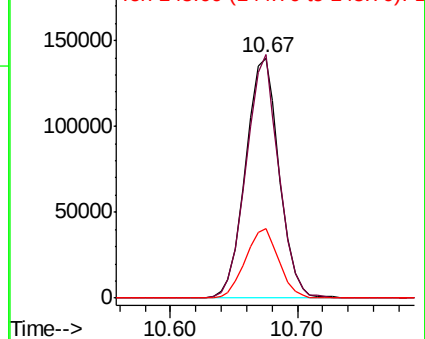
145 29.0 22.6 33.8

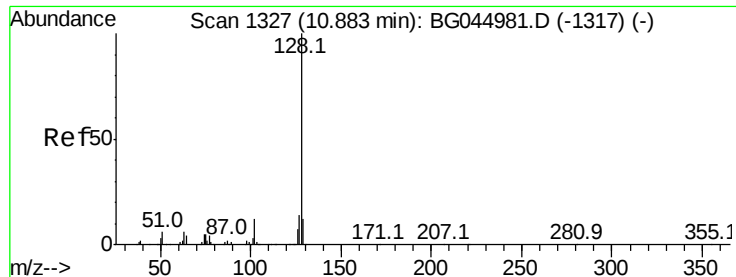


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

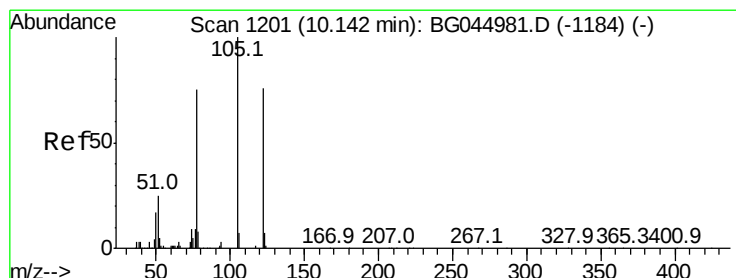
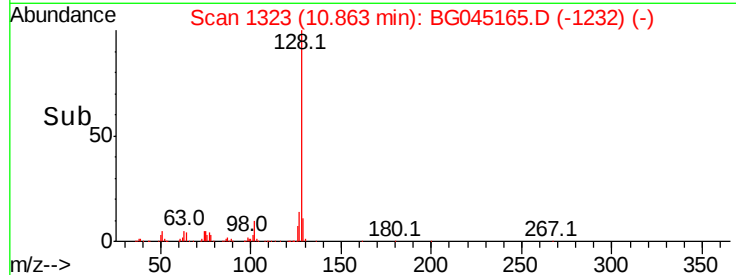
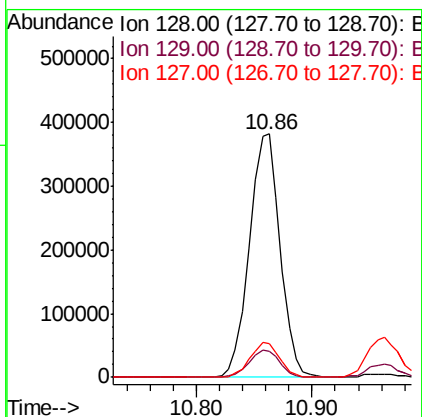
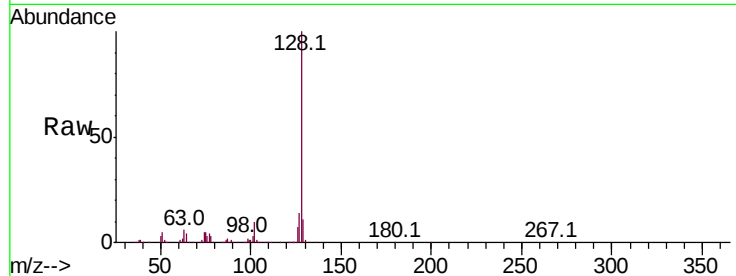




#31
Naphthalene
Concen: 47.563 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

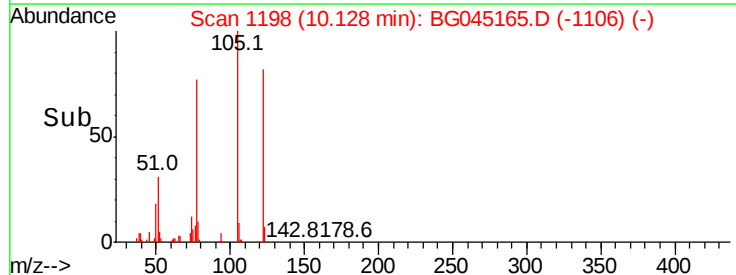
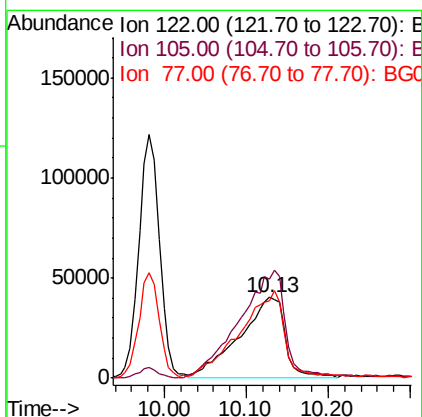
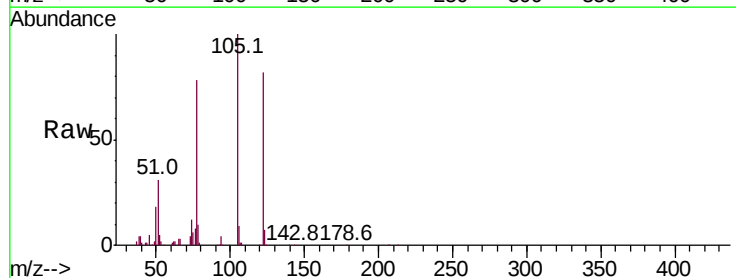
Instrument :
BNA_G
ClientSampleId :
SP1-AMSD

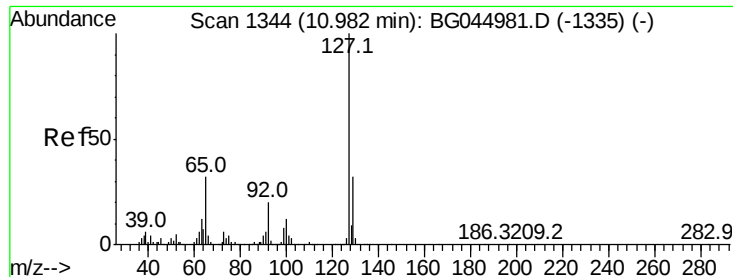
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	13.6	10.8	16.2



#32
Benzoic acid
Concen: 47.051 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.6	108.4	148.4
77	95.3	78.8	118.8

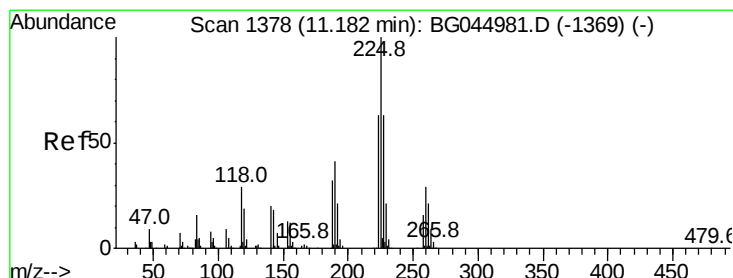
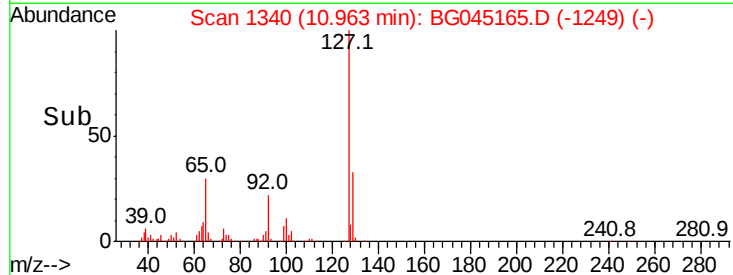
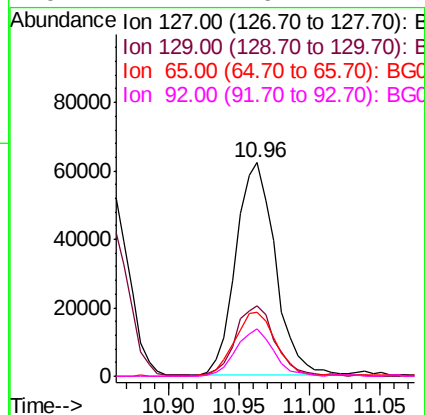
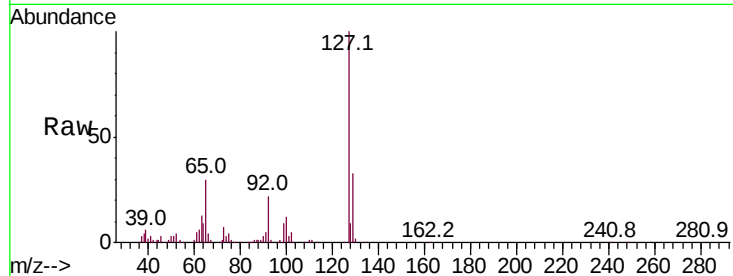




#33
4-Chloroaniline
Concen: 17.594 ng
RT: 10.96 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

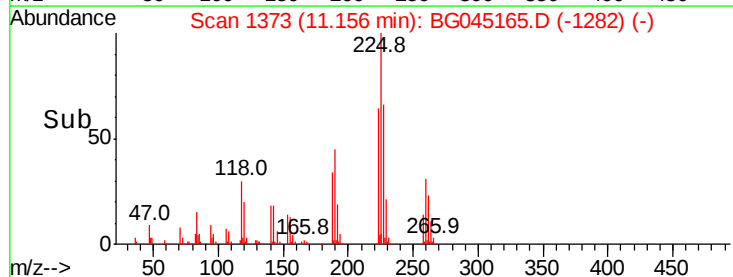
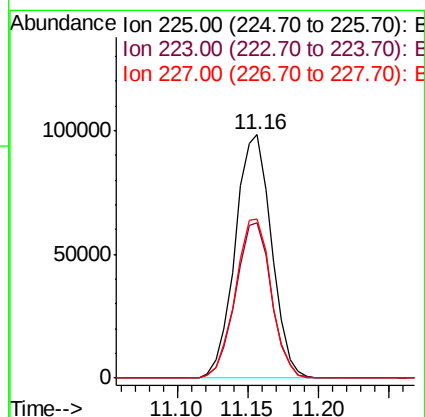
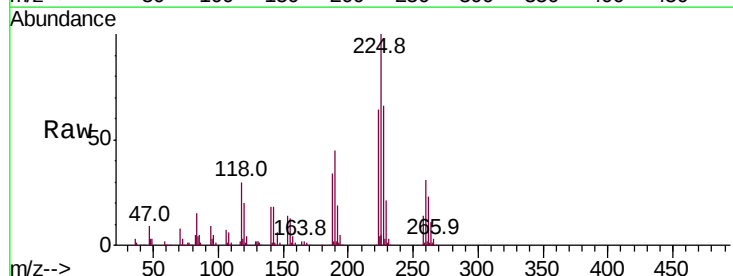
Instrument :
BNA_G
ClientSampleId :
SP1-AMSD

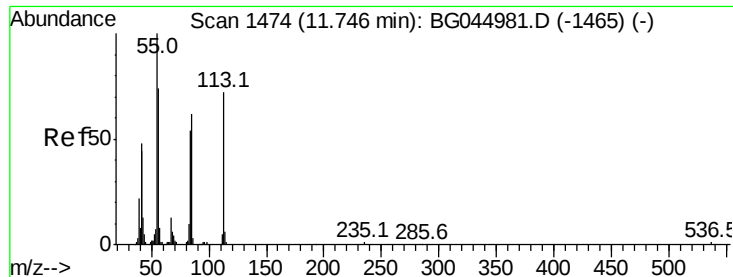
Tot Ion:	127	Resp:	122278
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.7	38.5
65	30.0	25.4	38.2
92	22.2	16.1	24.1



#34
Hexachlorobutadiene
Concen: 46.971 ng
RT: 11.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

Tgt Ion:	225	Resp:	176102
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.7	76.1
227	65.5	50.2	75.2

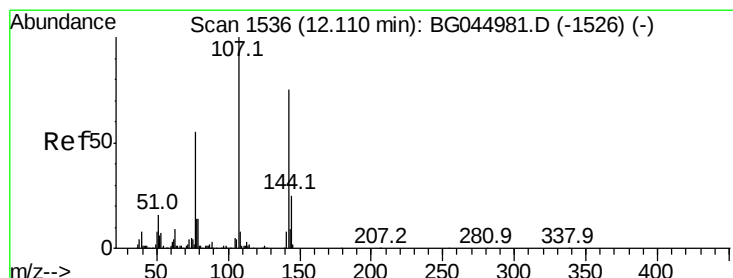
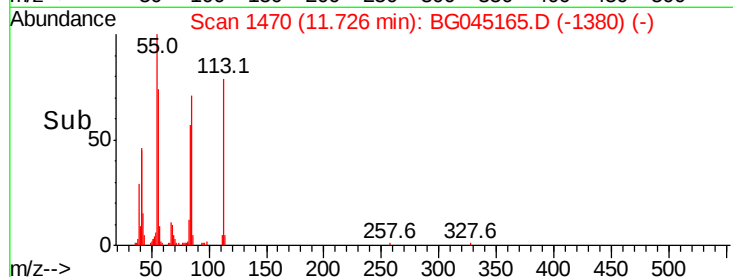
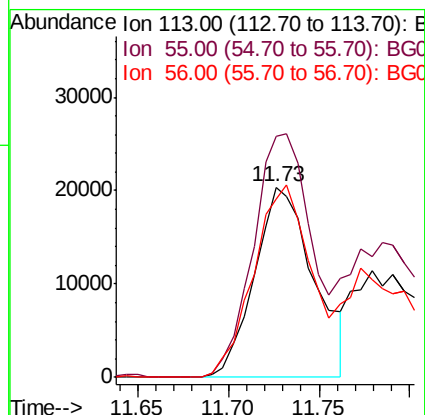
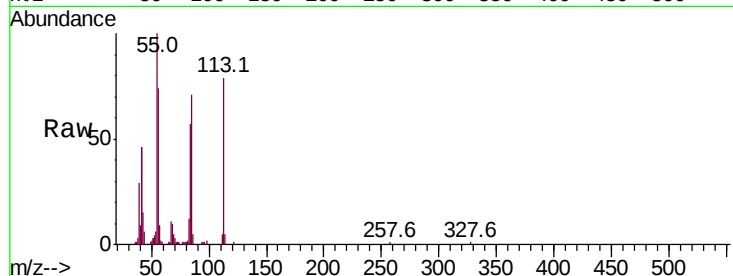




#35
 Caprolactam
 Concen: 23.994 ng
 RT: 11.73 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BG045165.D
 Acq: 24 Apr 2020 17:42

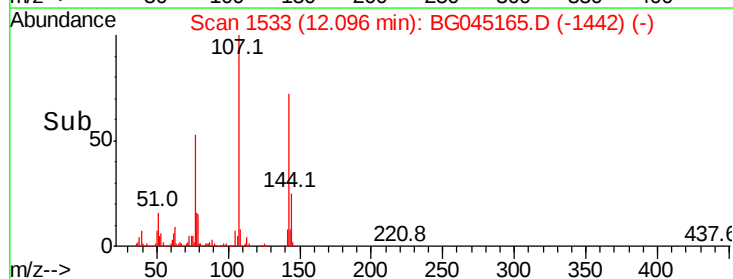
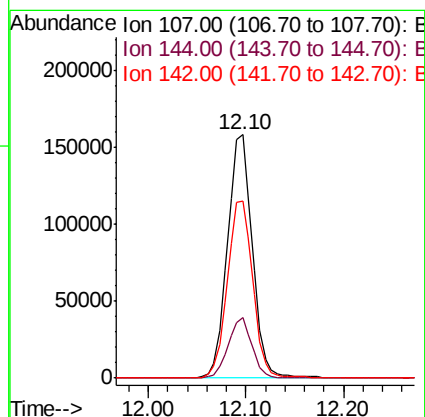
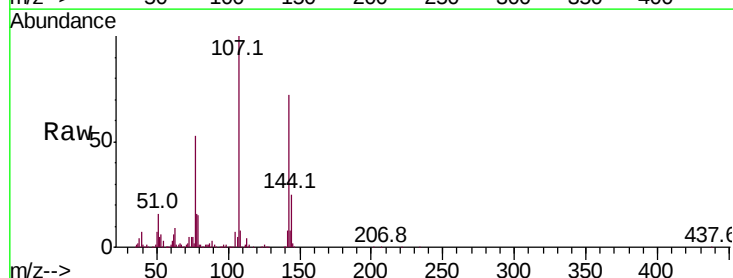
Instrument :
 BNA_G
 ClientSampleId :
 SP1-AMSD

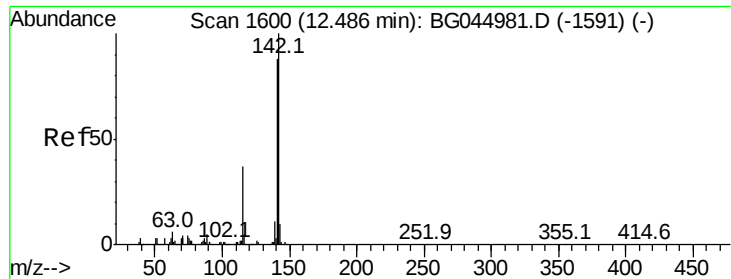
Tot Ion:113 Resp: 46121
 Ion Ratio Lower Upper
 113 100
 55 127.1 118.8 158.8
 56 93.6 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 49.354 ng
 RT: 12.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BG045165.D
 Acq: 24 Apr 2020 17:42

Tgt Ion:107 Resp: 280017
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.8 29.6
 142 72.5 59.7 89.5

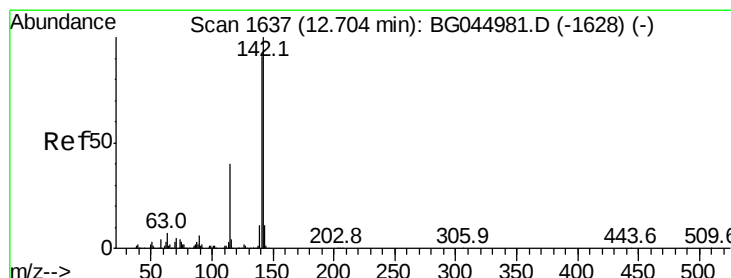
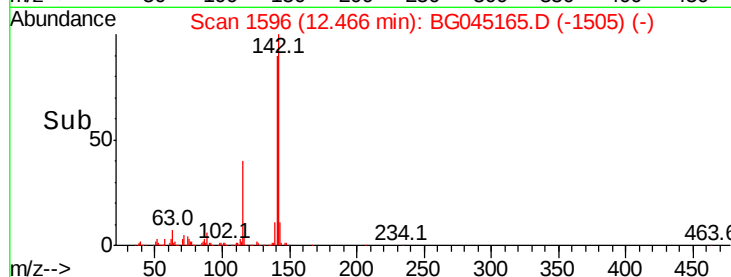
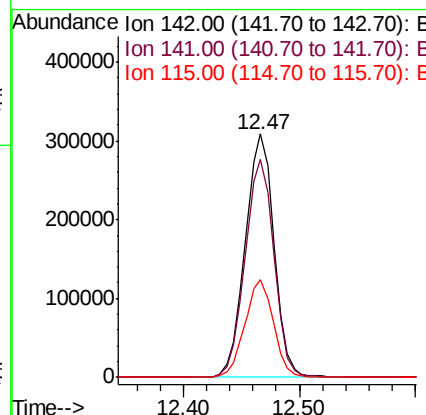
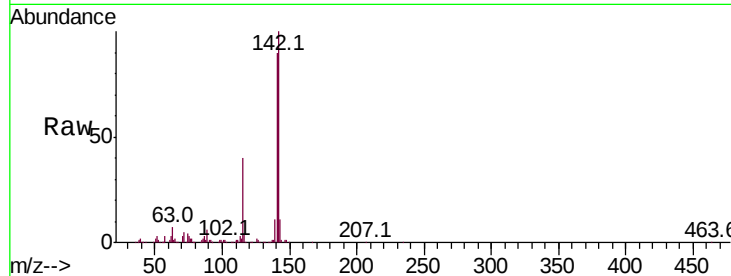




#37
2-Methylnaphthalene
Concen: 46.193 ng
RT: 12.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

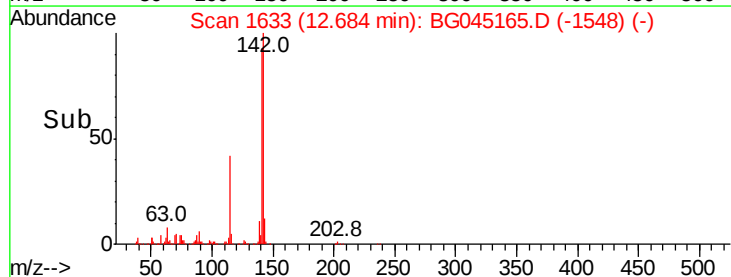
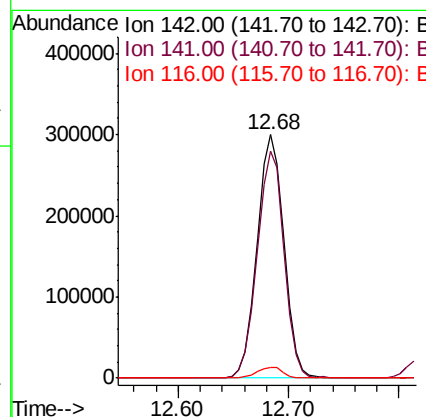
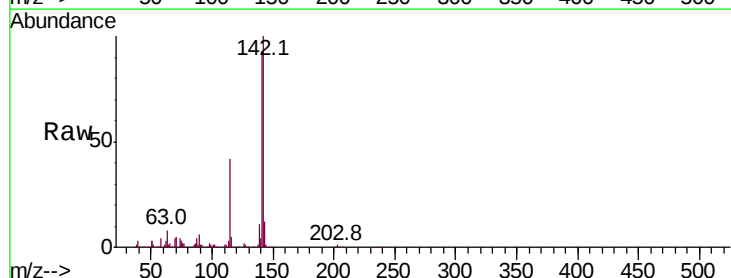
Instrument :
BNA_G
ClientSampleId :
SP1-AMSD

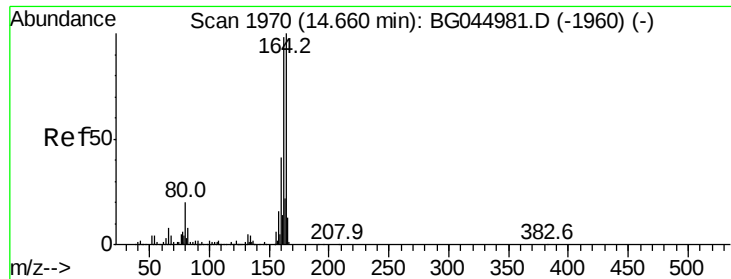
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.3	105.5
115	40.1	29.8	44.6



#38
1-Methylnaphthalene
Concen: 46.764 ng
RT: 12.68 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.7	109.1
116	4.6	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

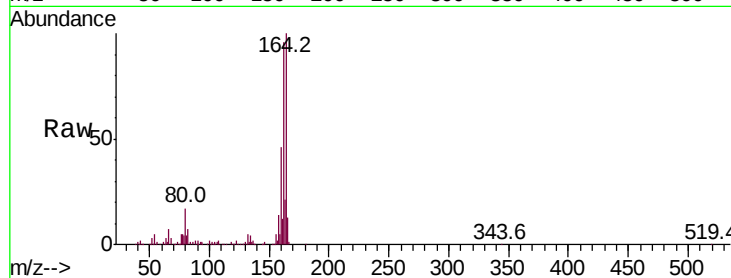
Tot Ion:164 Resp: 198974

Ion Ratio Lower Upper

164 100

162 96.3 78.7 118.1

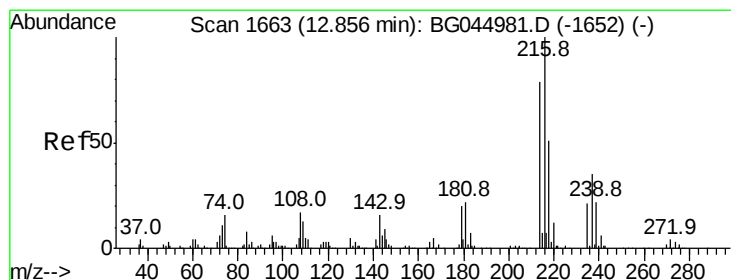
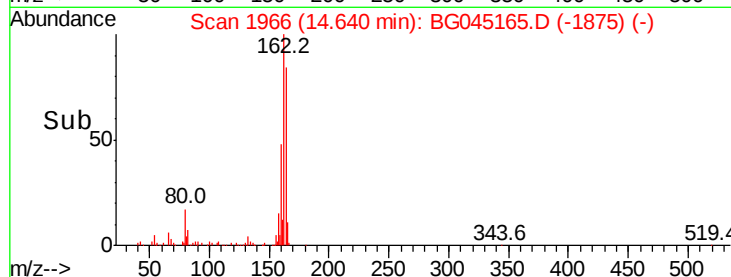
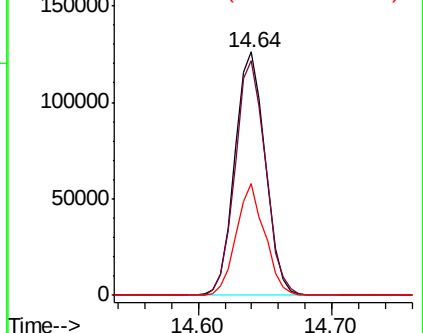
160 45.9 32.8 49.2



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: 46.148 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Tgt Ion:216 Resp: 295647

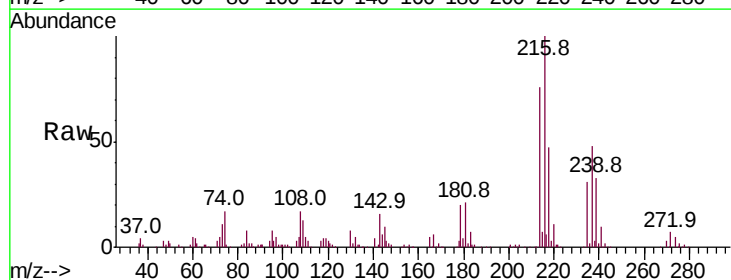
Ion Ratio Lower Upper

216 100

214 77.8 63.0 94.6

179 19.9 15.8 23.8

108 20.1 14.2 21.2

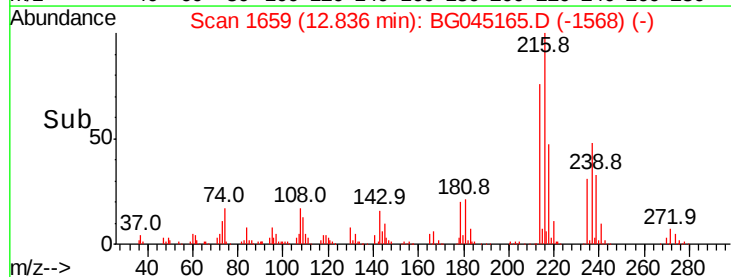
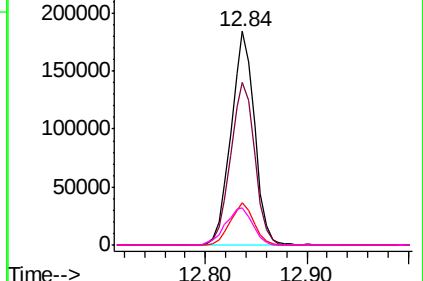


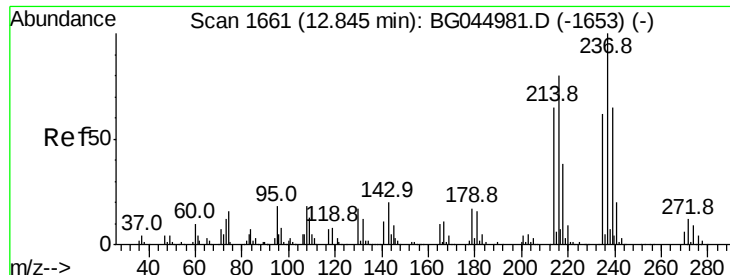
Abundance Ion 216.00 (215.70 to 216.70): E

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

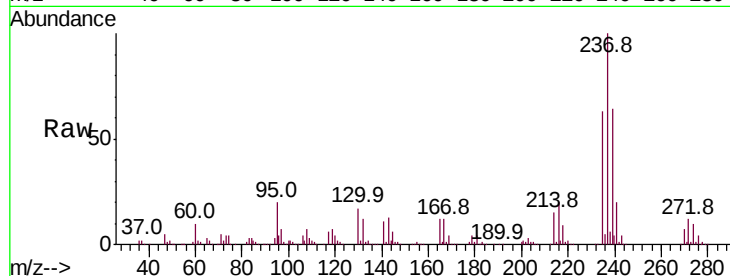




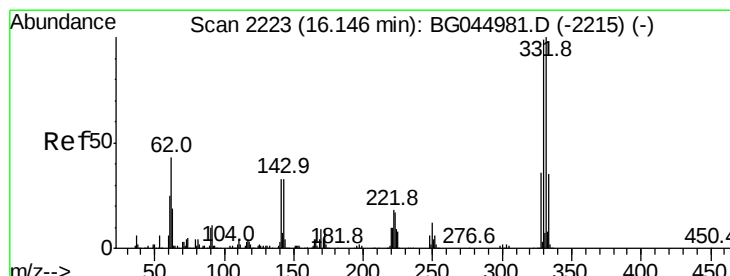
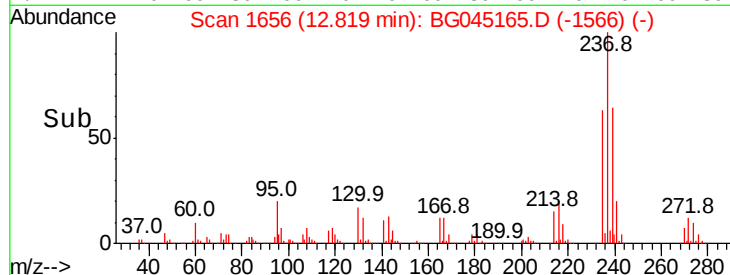
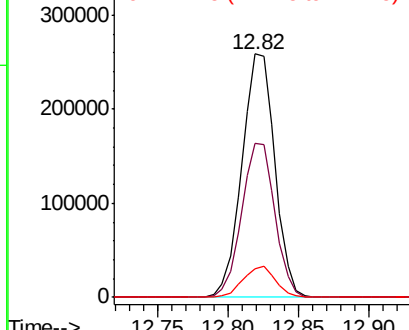
#41
Hexachlorocyclopentadiene
Concen: 105.316 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

Instrument :
BNA_G
ClientSampleId :
SP1-AMSD

Tot Ion:	237	Resp:	421700
Ion Ratio	Lower	Upper	
237	100		
235	63.3	41.6	81.6
272	11.9	0.0	32.1

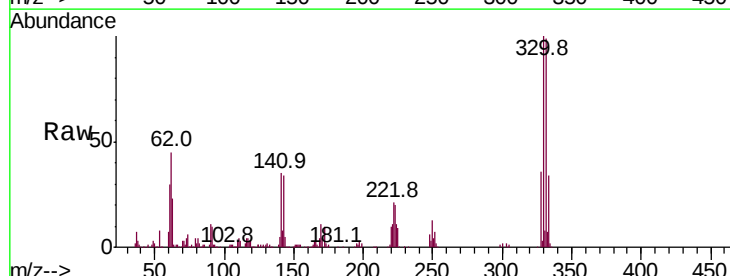


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

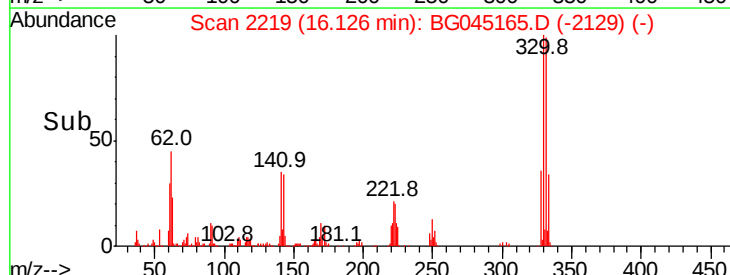
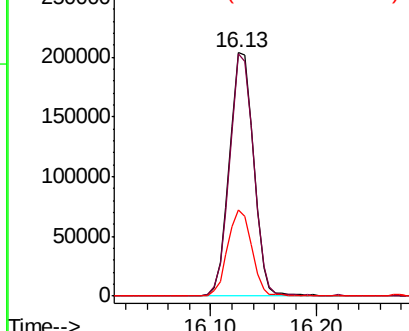


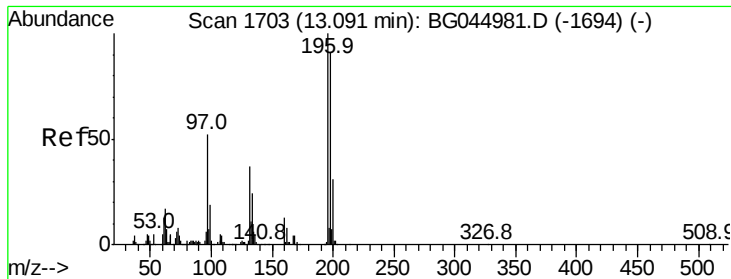
#42
2,4,6-Tribromophenol
Concen: 105.244 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

Tgt Ion:	330	Resp:	323507
Ion Ratio	Lower	Upper	
330	100		
332	97.8	79.1	118.7
141	35.1	27.1	40.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

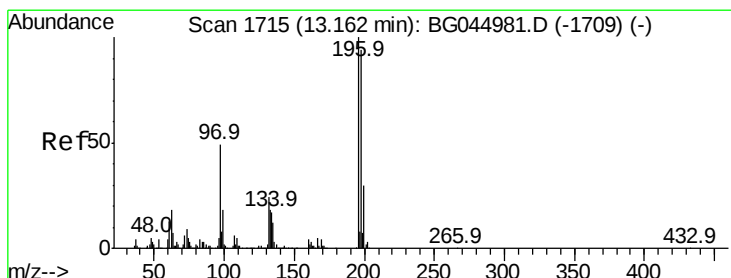
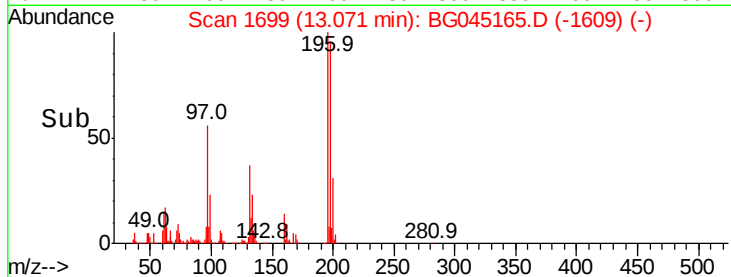
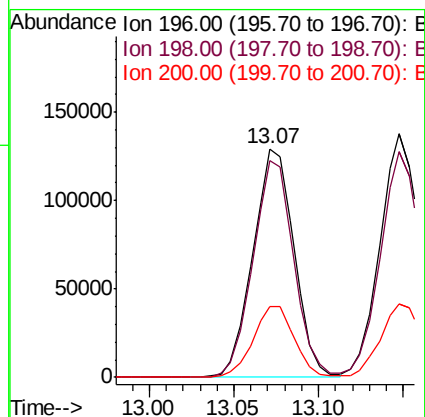
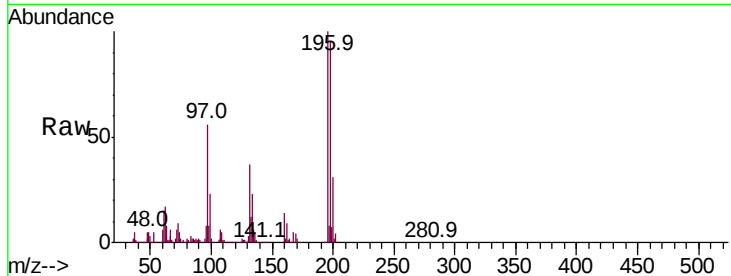




#43
 2,4,6-Trichlorophenol
 Concen: 48.359 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG045165.D
 Acq: 24 Apr 2020 17:42

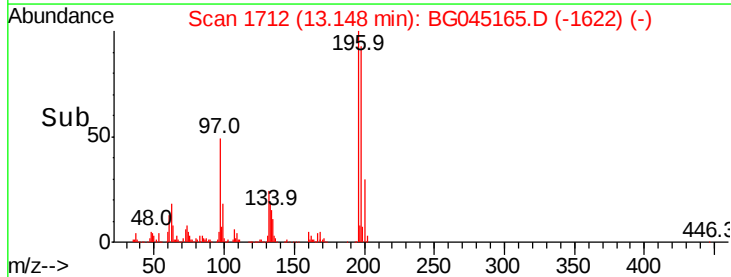
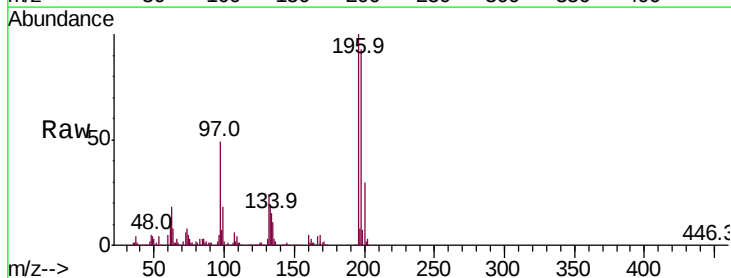
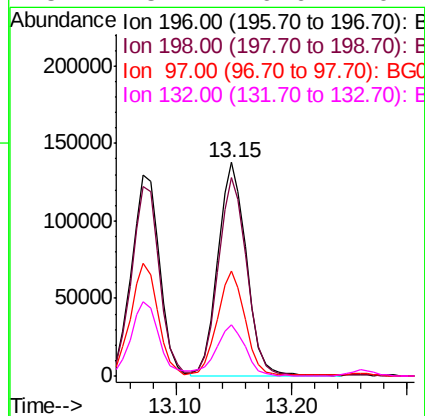
Instrument :
 BNA_G
 ClientSampleId :
 SP1-AMSD

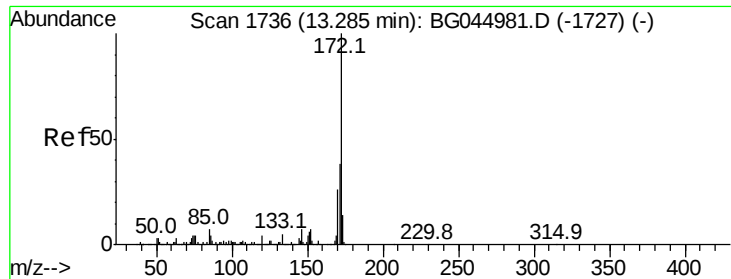
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	72.5	108.7
200	30.8	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 45.657 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG045165.D
 Acq: 24 Apr 2020 17:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	75.7	113.5
97	49.0	39.6	59.4
132	23.7	19.6	29.4

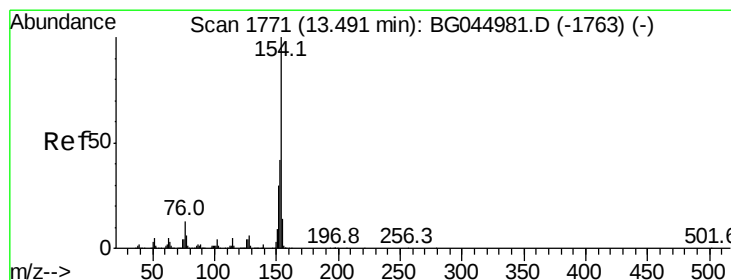
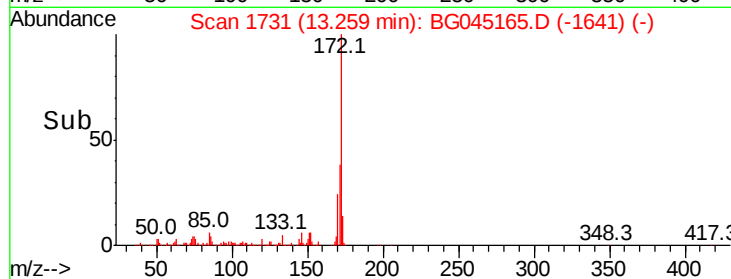
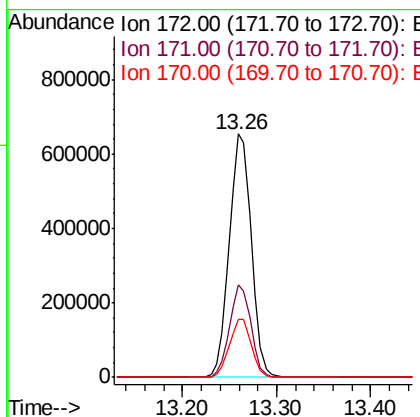
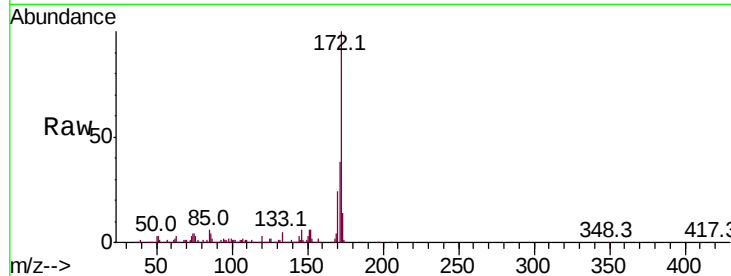




#45
2-Fluorobiphenyl
Concen: 78.203 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

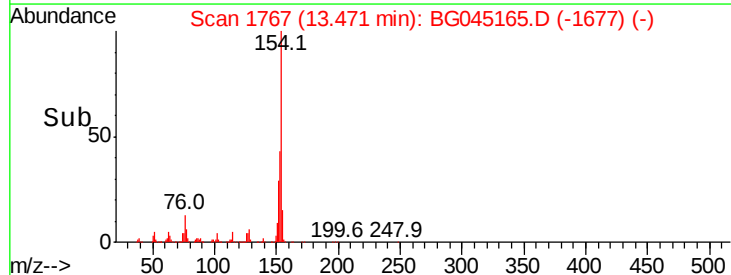
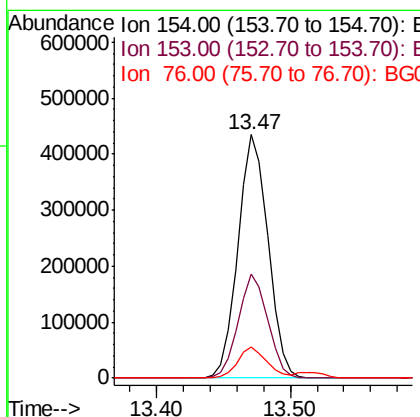
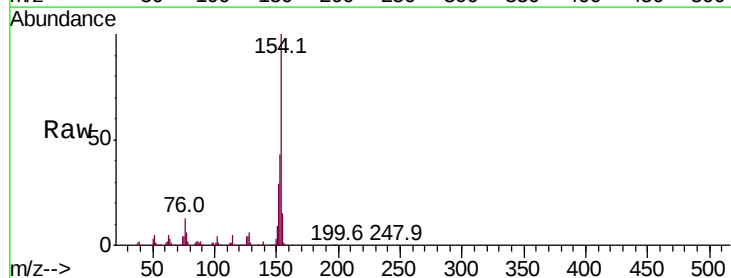
Instrument :
BNA_G
ClientSampleId :
SP1-AMSD

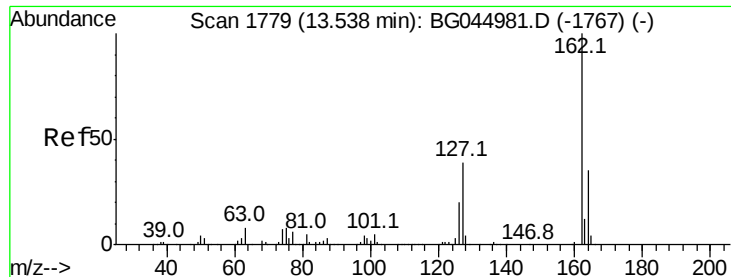
Tot Ion:172 Resp: 1061192
Ion Ratio Lower Upper
172 100
171 38.1 30.6 46.0
170 24.1 20.5 30.7



#46
1,1'-Biphenyl
Concen: 44.627 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

Tgt Ion:154 Resp: 674911
Ion Ratio Lower Upper
154 100
153 42.5 21.9 61.9
76 12.8 0.0 33.1





#47

2-Chloronaphthalene

Concen: 45.754 ng

RT: 13.51 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

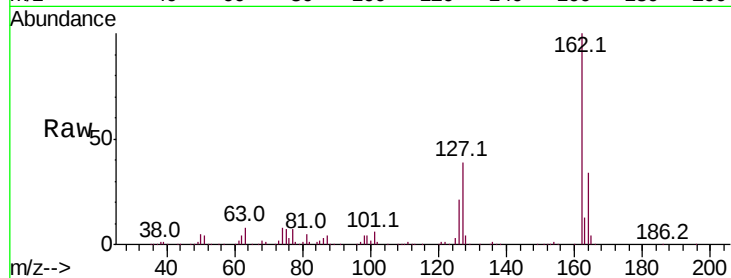
Tot Ion:162 Resp: 528722

Ion Ratio Lower Upper

162 100

127 39.0 31.3 46.9

164 33.5 27.8 41.8

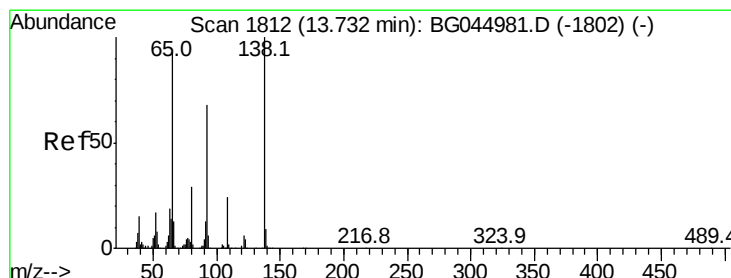
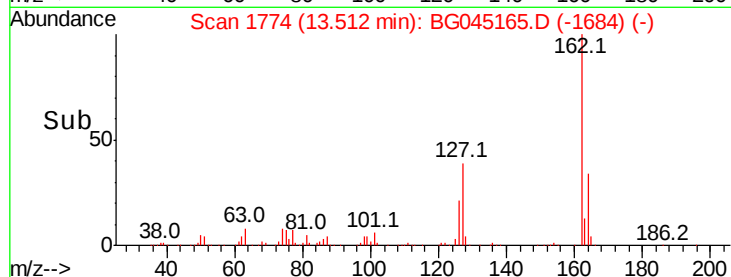
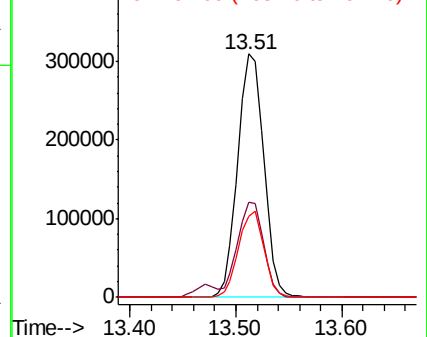


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 45.179 ng

RT: 13.71 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

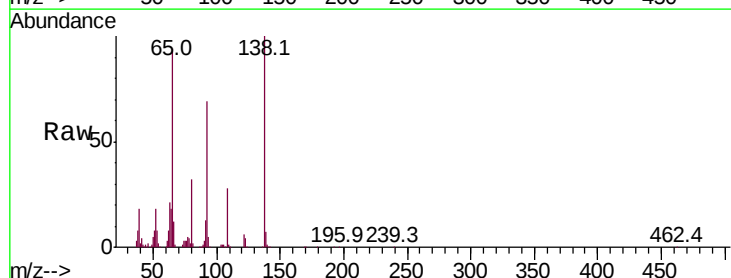
Tgt Ion: 65 Resp: 171775

Ion Ratio Lower Upper

65 100

92 73.7 58.3 87.5

138 106.6 85.6 128.4

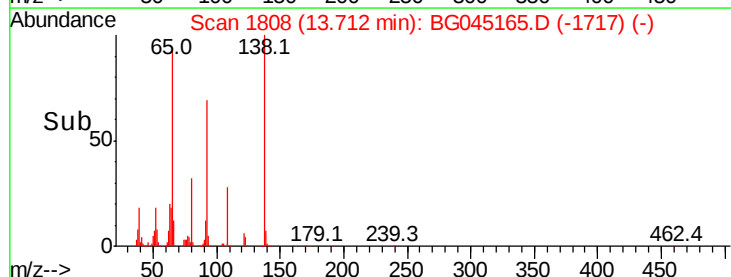
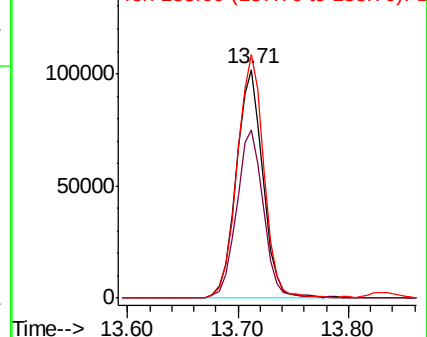


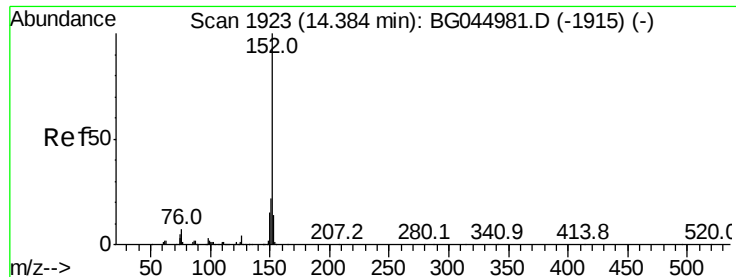
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.752 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

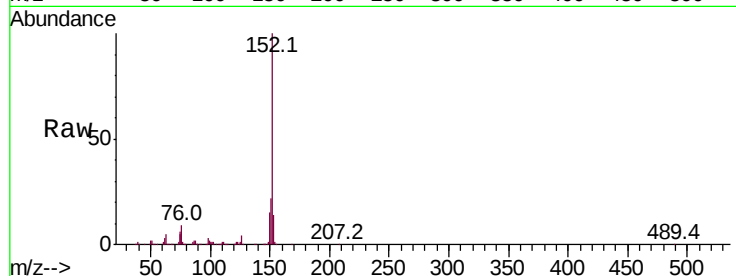
Tot Ion:152 Resp: 861185

Ion Ratio Lower Upper

152 100

151 22.4 17.2 25.8

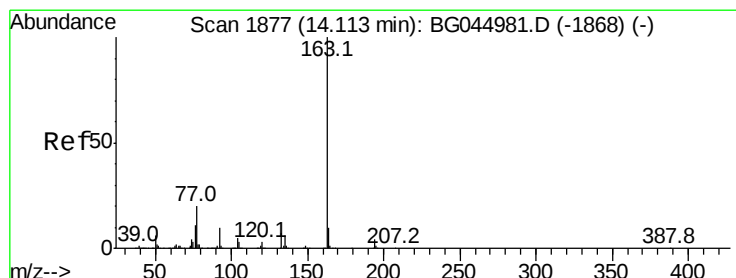
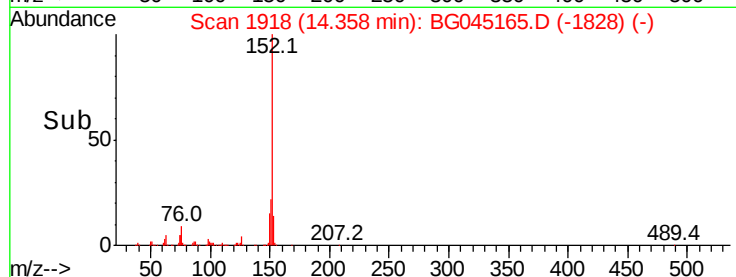
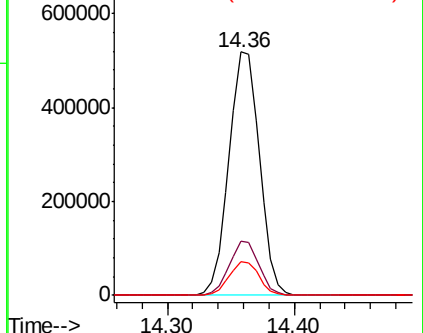
153 13.9 11.0 16.4



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: 53.047 ng

RT: 14.09 min Scan# 1873

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

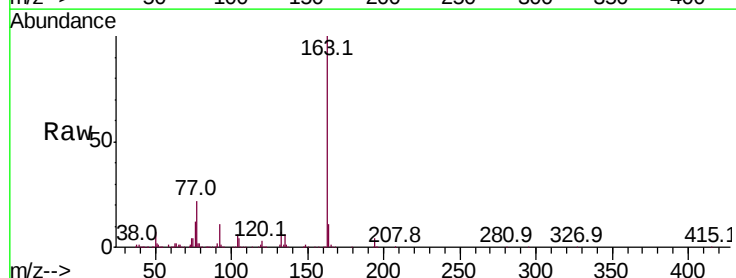
Tgt Ion:163 Resp: 859434

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

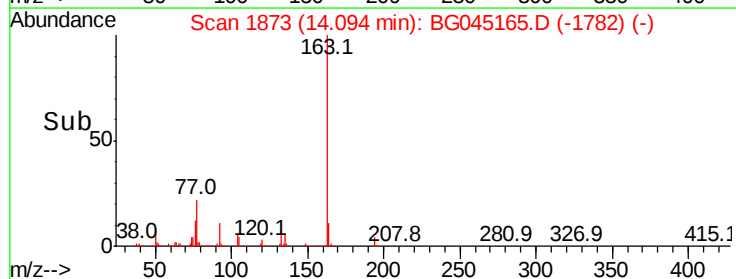
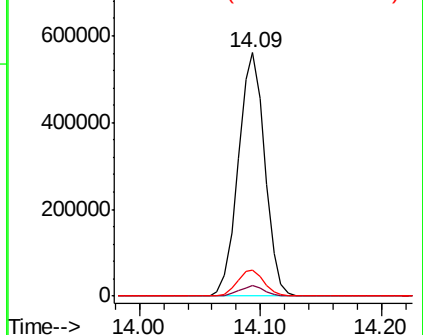
164 10.9 8.2 12.4

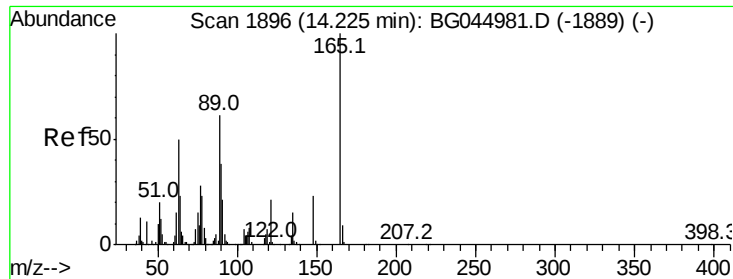


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.527 ng

RT: 14.21 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

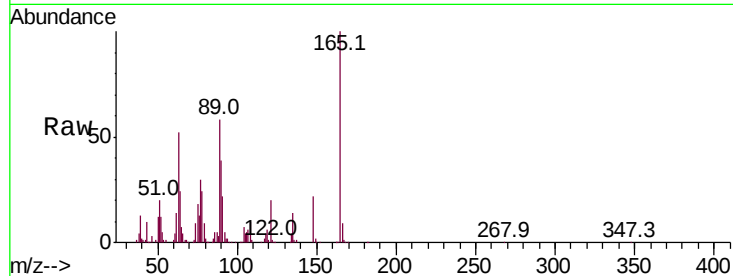
Tot Ion:165 Resp: 164981

Ion Ratio Lower Upper

165 100

63 52.1 40.4 60.6

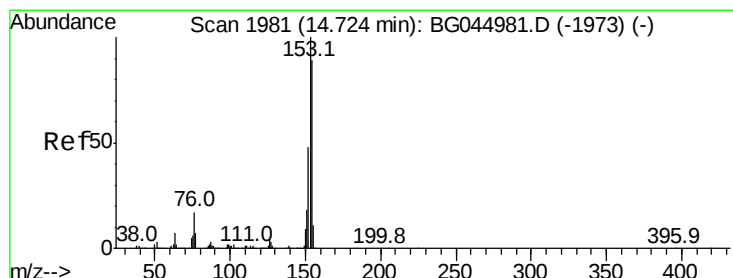
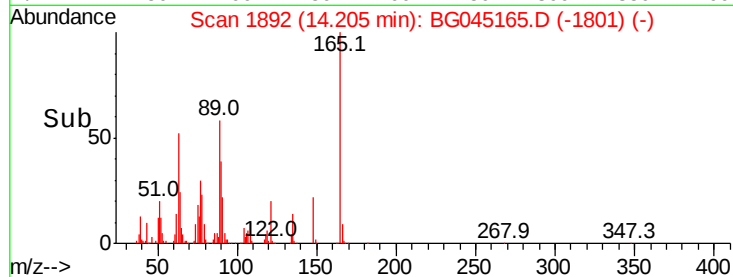
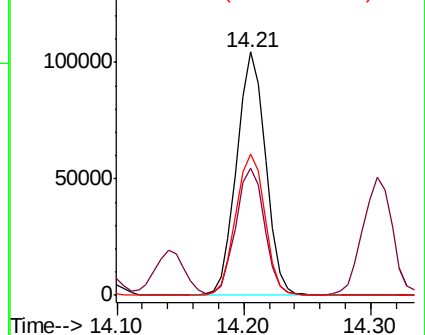
89 58.3 49.1 73.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 41.713 ng

RT: 14.70 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

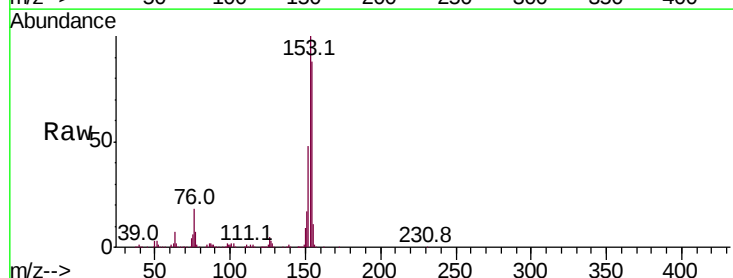
Tgt Ion:154 Resp: 531231

Ion Ratio Lower Upper

154 100

153 113.9 89.7 134.5

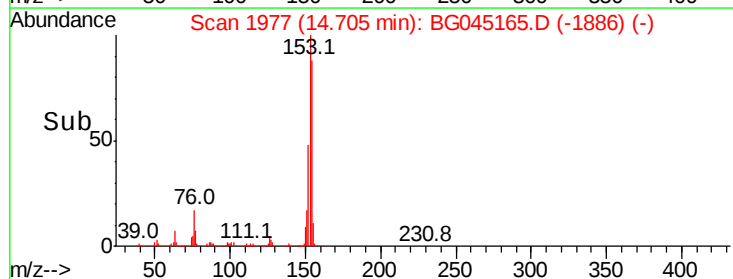
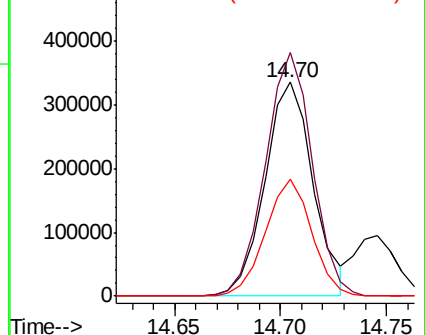
152 54.9 43.1 64.7

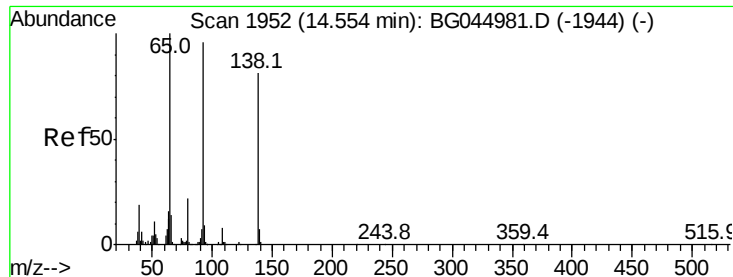


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 25.666 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

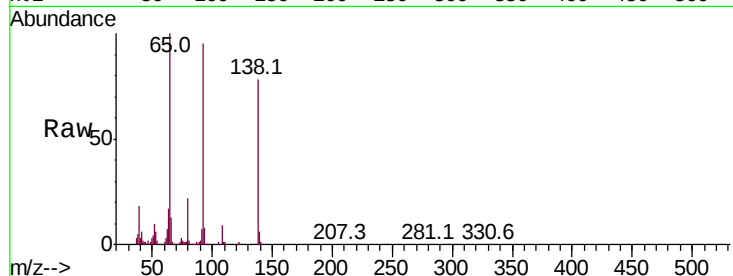
Tot Ion:138 Resp: 102006

Ion Ratio Lower Upper

138 100

108 11.1 7.8 11.8

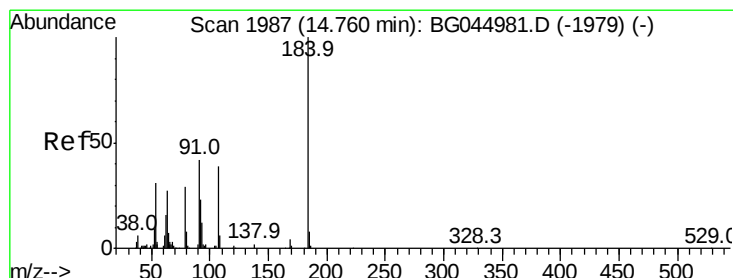
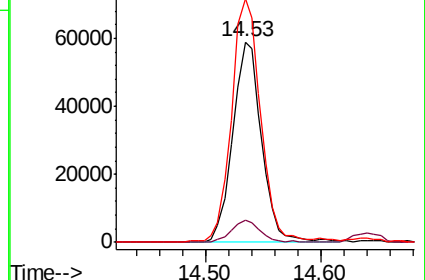
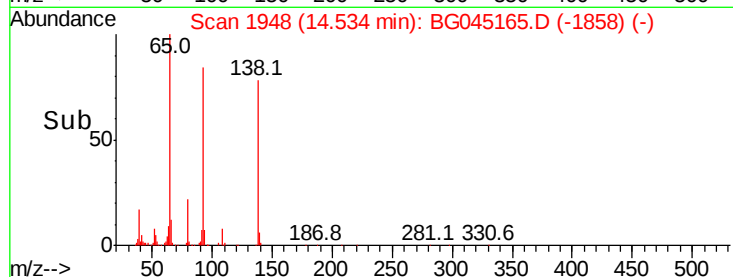
92 121.5 94.5 141.7



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: 102.285 ng

RT: 14.75 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

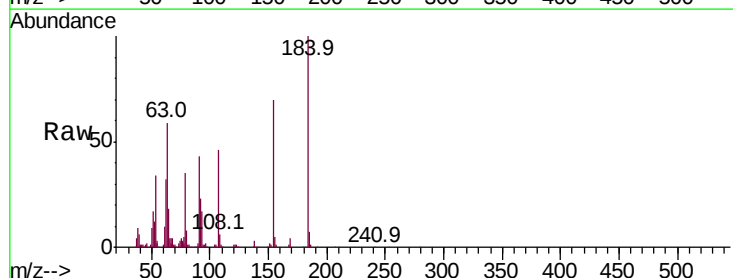
Tgt Ion:184 Resp: 220405

Ion Ratio Lower Upper

184 100

63 58.8 41.5 62.3

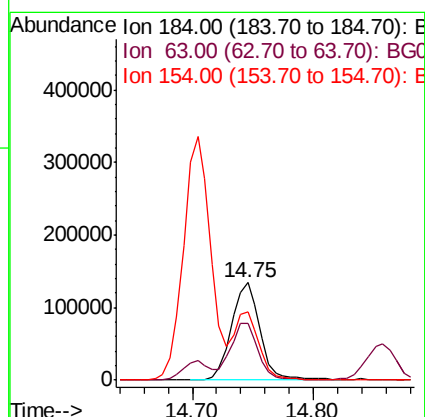
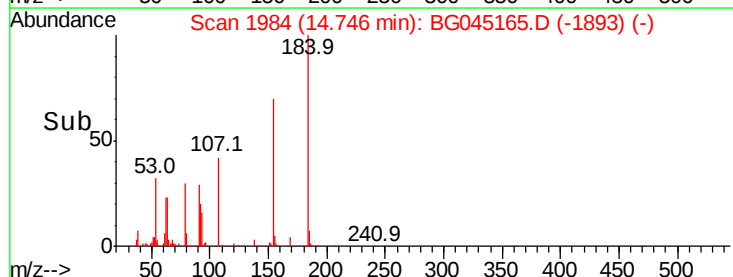
154 70.5 52.3 78.5

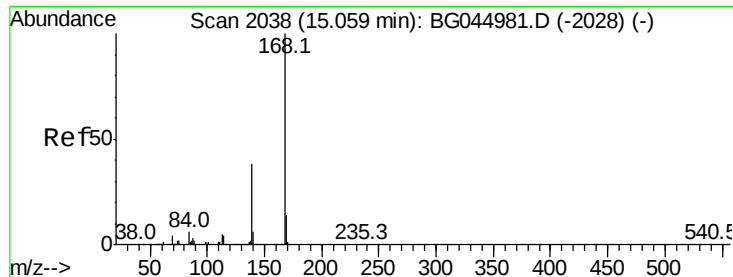


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 45.269 ng

RT: 15.04 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

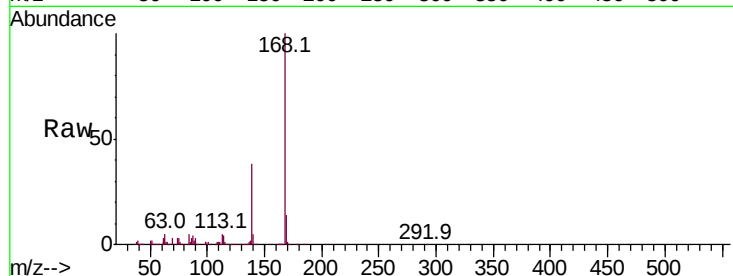
Tot Ion:168 Resp: 840513

Ion Ratio Lower Upper

168 100

139 38.3 30.4 45.6

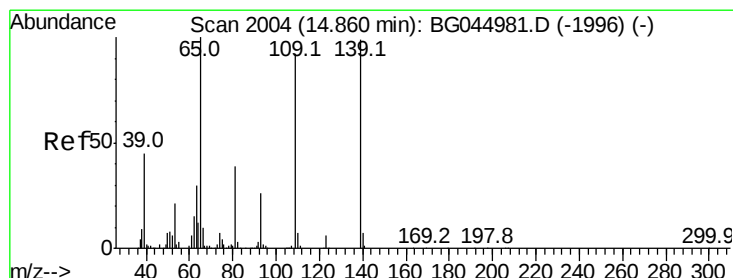
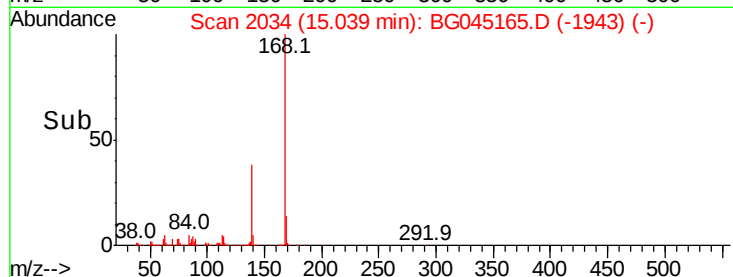
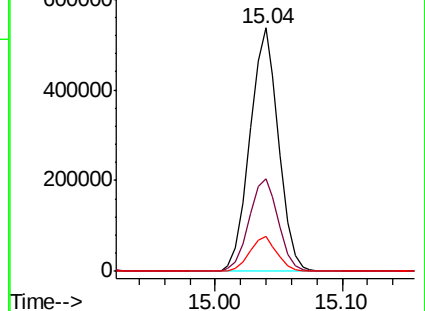
169 14.4 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 90.090 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

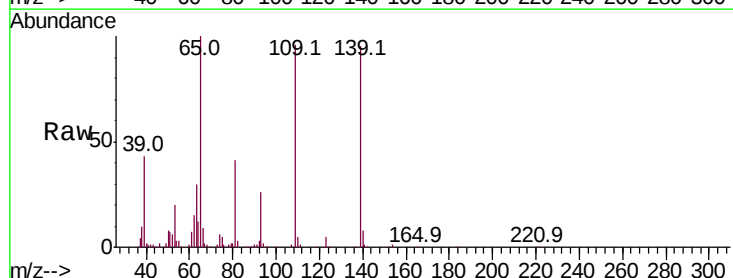
Tgt Ion:139 Resp: 277623

Ion Ratio Lower Upper

139 100

109 101.0 73.6 113.6

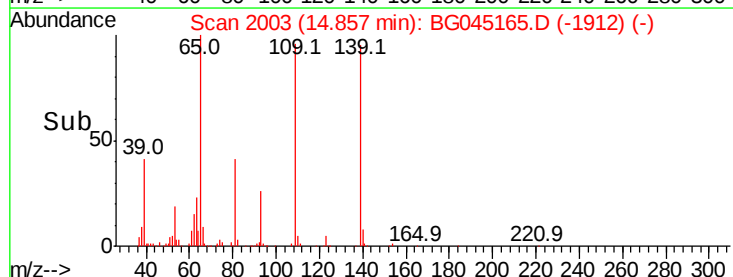
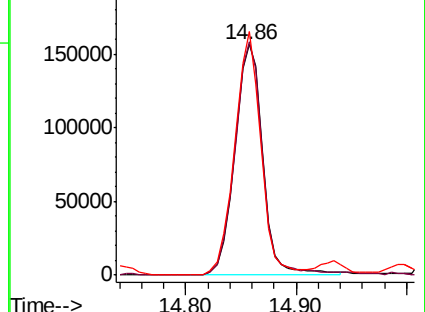
65 105.6 81.2 121.2

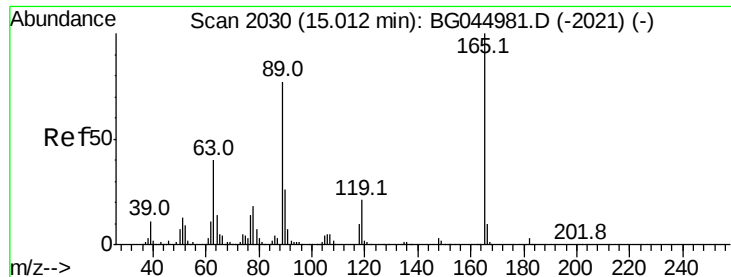


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

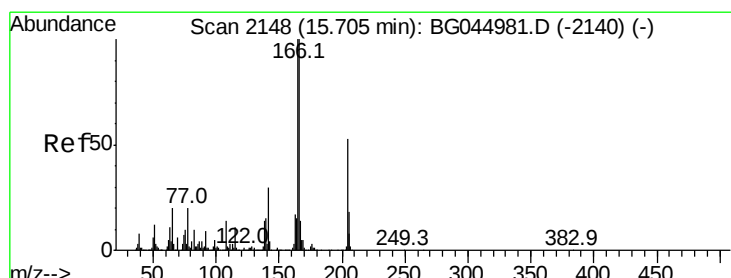
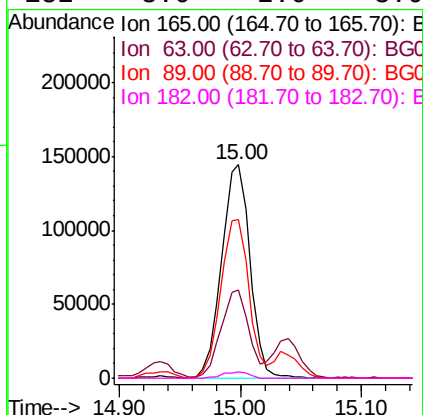
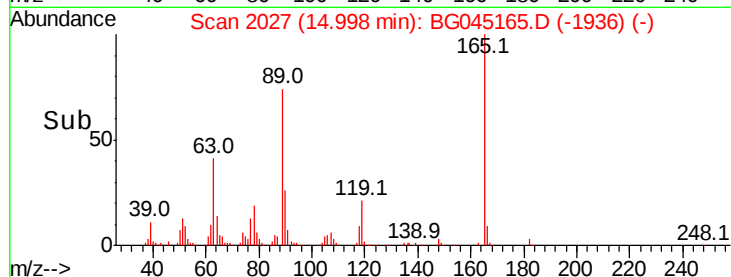
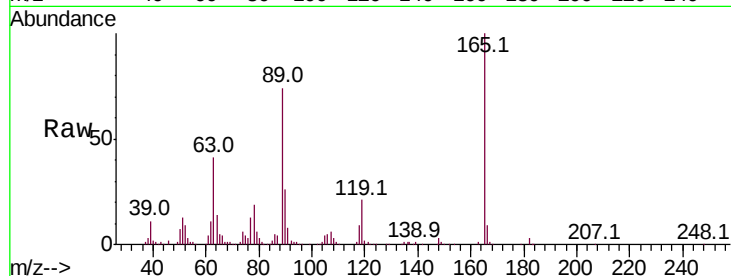




#57
 2,4-Dinitrotoluene
 Concen: 44.483 ng
 RT: 15.00 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BG045165.D
 Acq: 24 Apr 2020 17:42

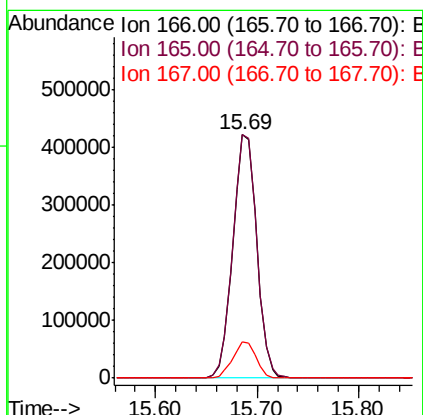
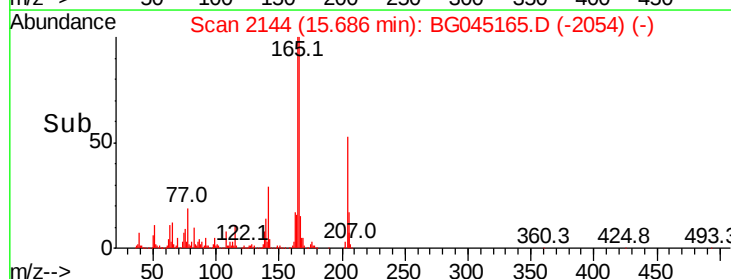
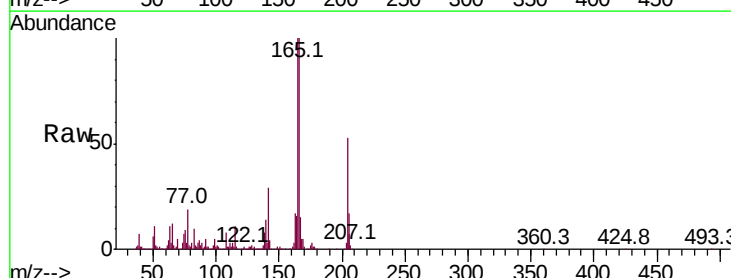
Instrument :
 BNA_G
 ClientSampleId :
 SP1-AMSD

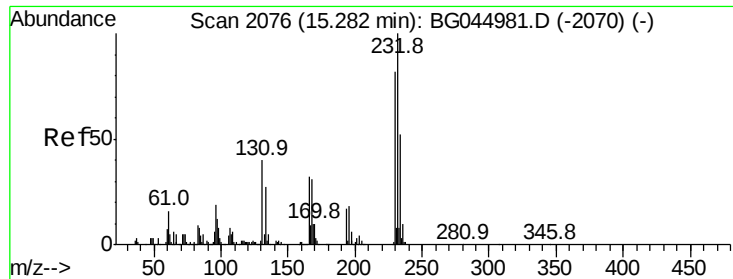
Tot Ion:165 Resp: 235572
 Ion Ratio Lower Upper
 165 100
 63 41.1 32.2 48.2
 89 74.4 61.7 92.5
 182 3.0 2.0 3.0#



#58
 Fluorene
 Concen: 45.510 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG045165.D
 Acq: 24 Apr 2020 17:42

Tgt Ion:166 Resp: 690208
 Ion Ratio Lower Upper
 166 100
 165 100.2 79.9 119.9
 167 15.1 11.4 17.0

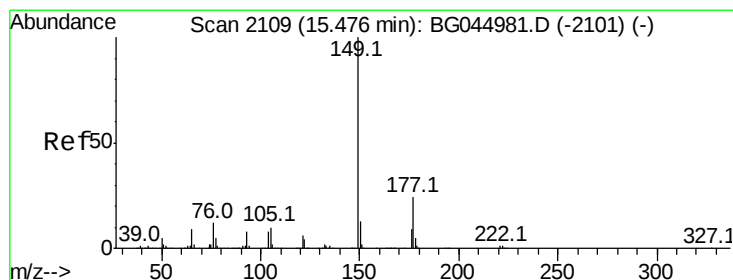
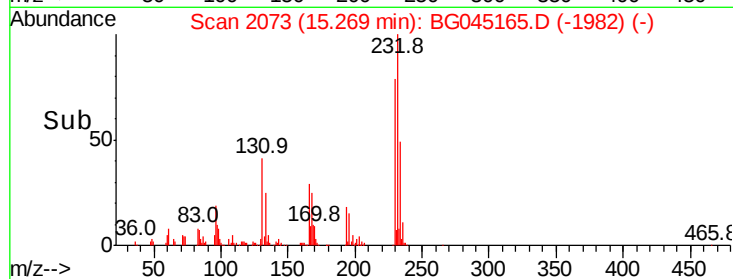
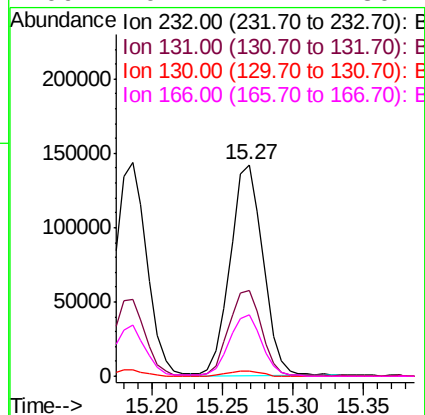
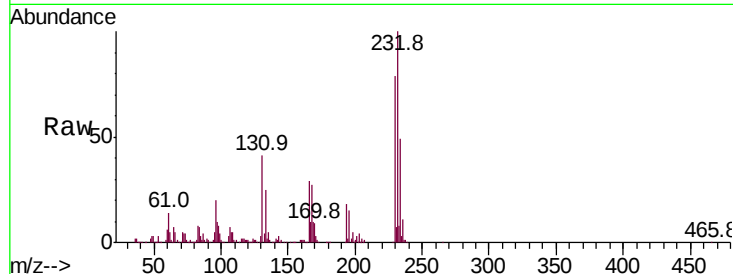




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.219 ng
 RT: 15.27 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: BG045165.D
 Acq: 24 Apr 2020 17:42

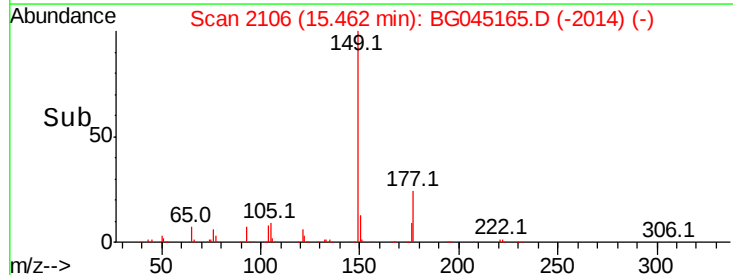
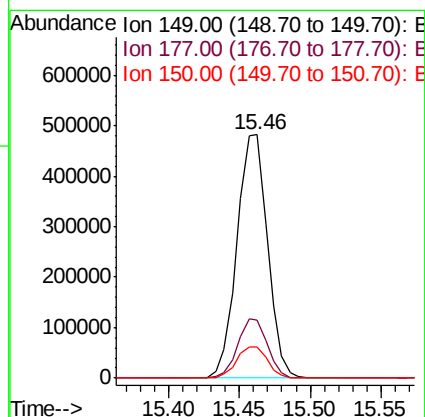
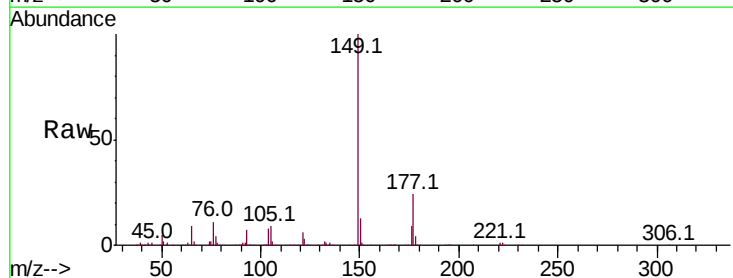
Instrument :
 BNA_G
 ClientSampleId :
 SP1-AMSD

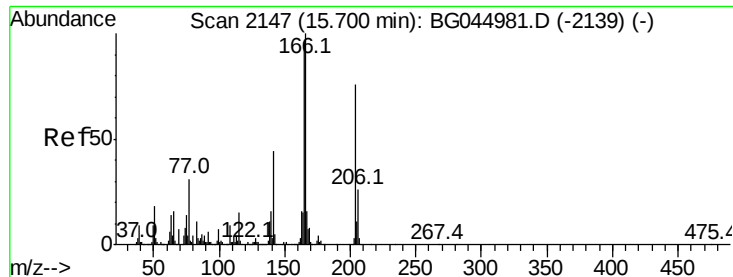
Tot Ion:	232	Resp:	229971
Ion	Ratio	Lower	Upper
232	100		
131	40.5	32.2	48.2
130	2.7	2.2	3.2
166	29.1	24.2	36.4



#60
 Diethylphthalate
 Concen: 43.109 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. 0.01 min
 Lab File: BG045165.D
 Acq: 24 Apr 2020 17:42

Tgt Ion:	149	Resp:	728172
Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.9	28.3
150	12.9	10.6	15.8

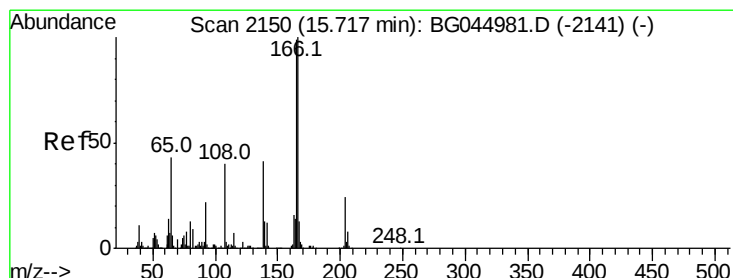
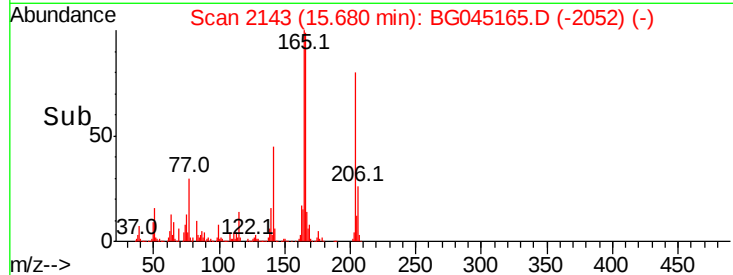
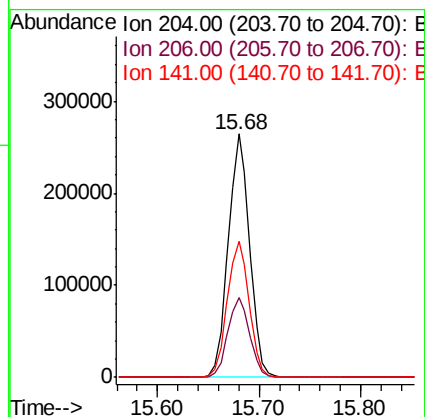
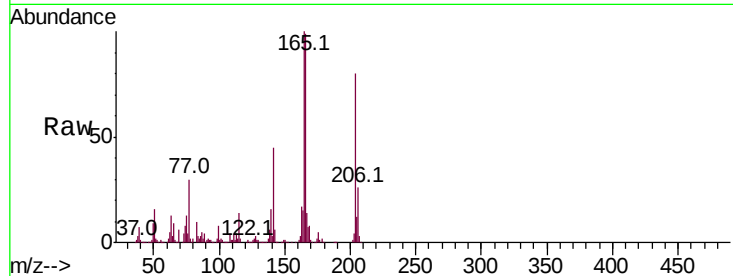




#61
 4-Chlorophenyl-phenylether
 Concen: 44.163 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BG045165.D
 Acq: 24 Apr 2020 17:42

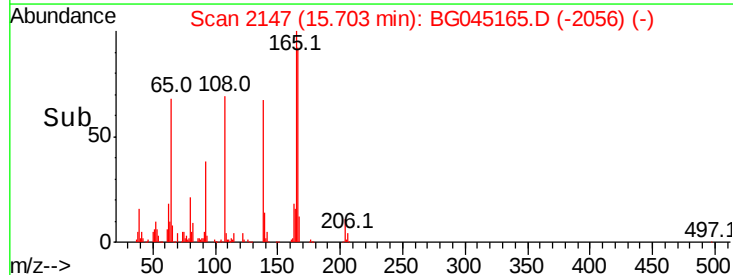
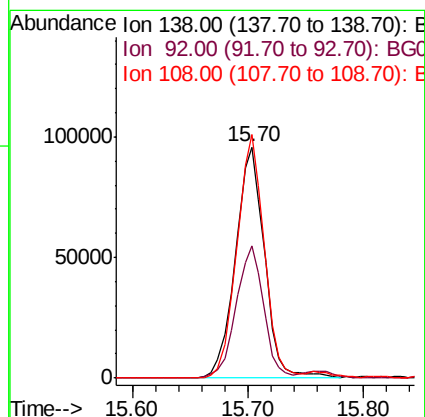
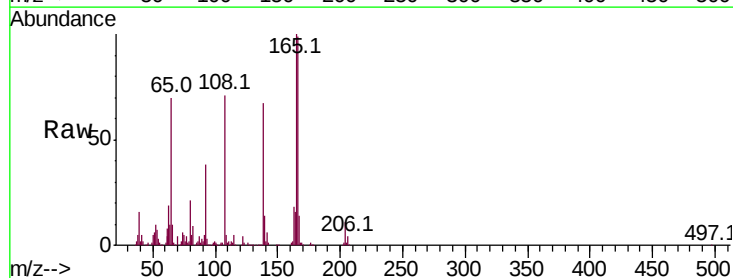
Instrument :
 BNA_G
 ClientSampleId :
 SP1-AMSD

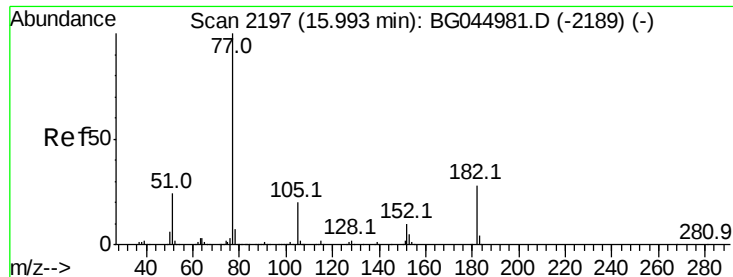
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.9	40.3
141	56.0	46.3	69.5



#62
 4-Nitroaniline
 Concen: 40.472 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG045165.D
 Acq: 24 Apr 2020 17:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.1	33.6	73.6
108	105.2	78.2	118.2





#63

Azobenzene

Concen: 44.997 ng

RT: 15.97 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

Tot Ion: 77 Resp: 700756

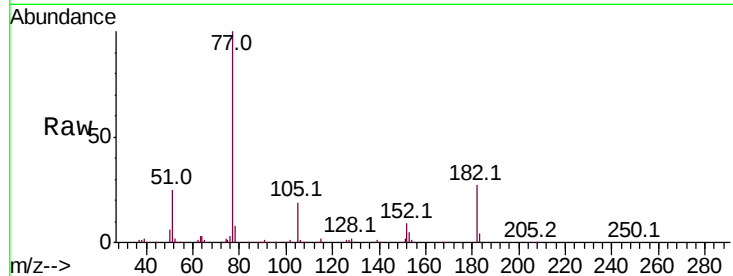
Ion Ratio Lower Upper

77 100

182 27.4 8.4 48.4

105 19.1 0.5 40.5

51 24.7 4.4 44.4

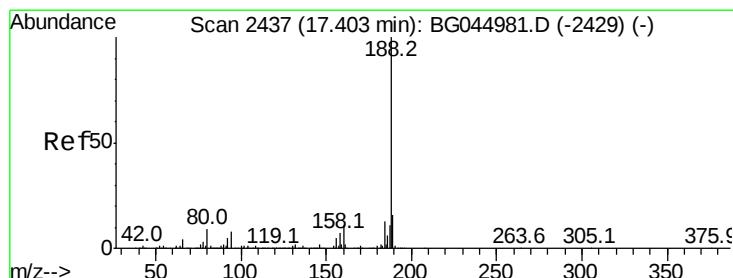
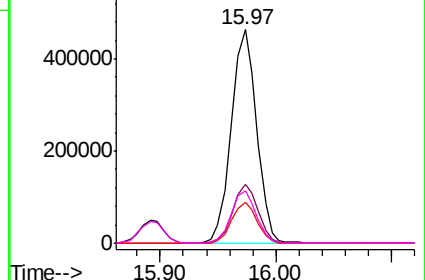
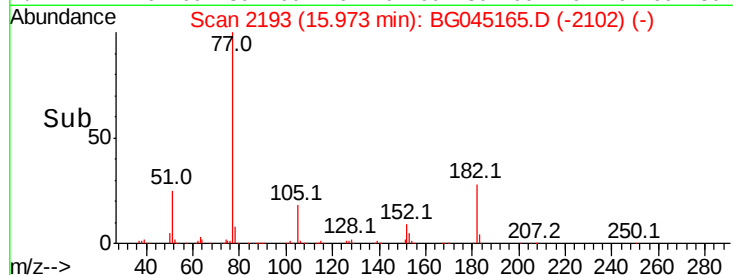


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.38 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

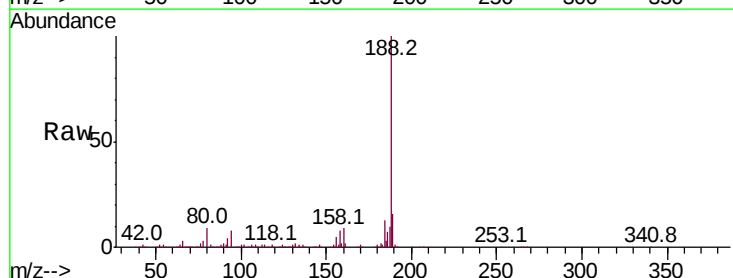
Tgt Ion: 188 Resp: 465271

Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.4

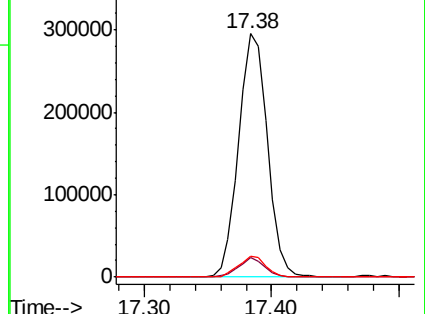
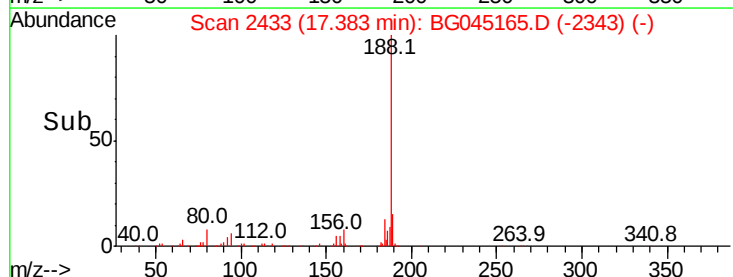
80 8.6 7.0 10.6

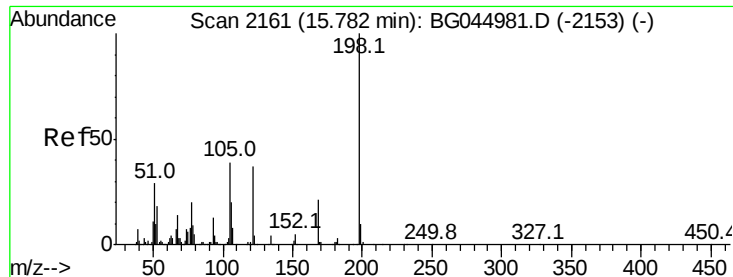


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 53.509 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

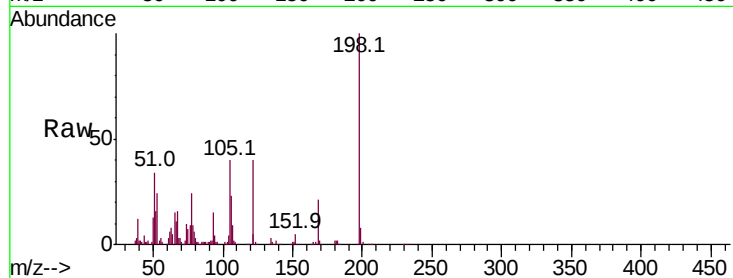
Tot Ion:198 Resp: 163645

Ion Ratio Lower Upper

198 100

51 33.7 10.0 50.0

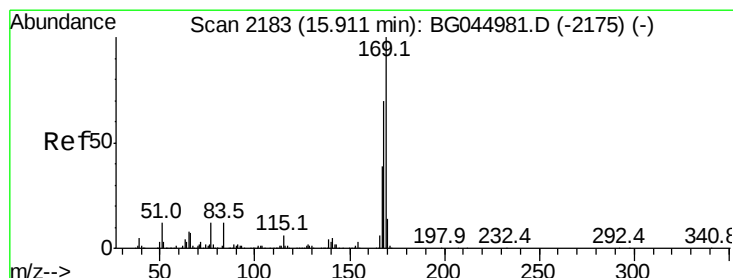
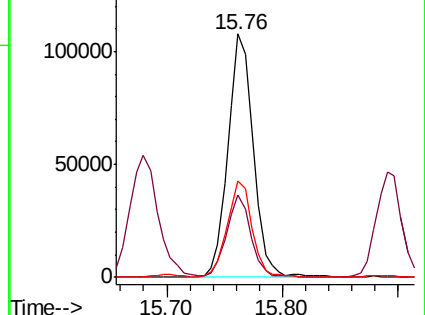
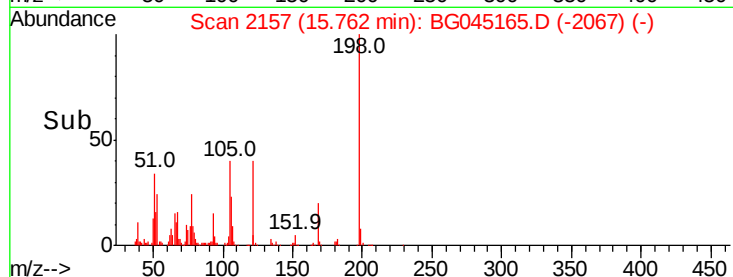
105 39.8 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.467 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

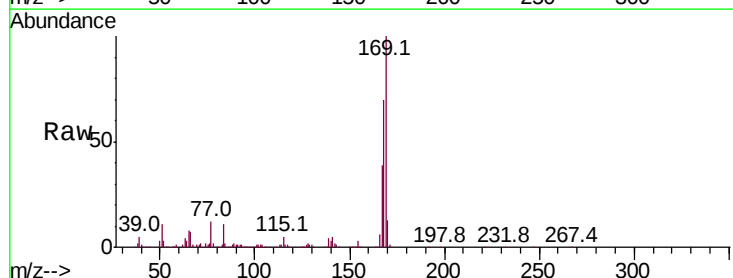
Tgt Ion:169 Resp: 621171

Ion Ratio Lower Upper

169 100

168 69.8 55.8 83.8

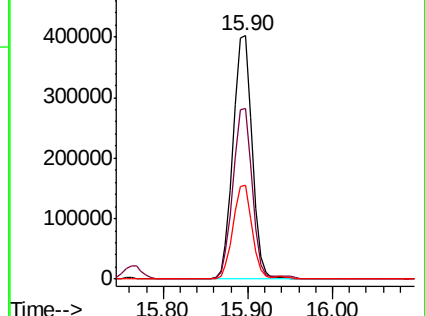
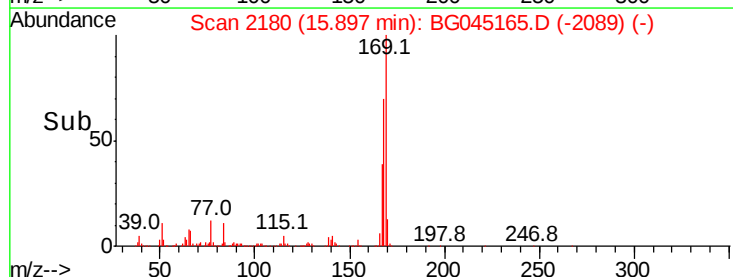
167 38.5 30.8 46.2

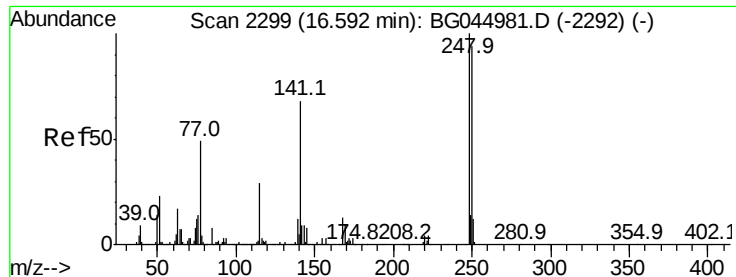


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

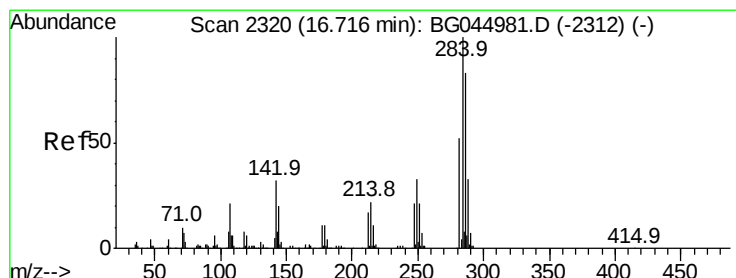
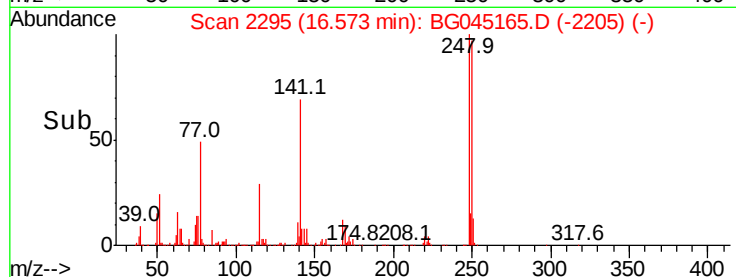
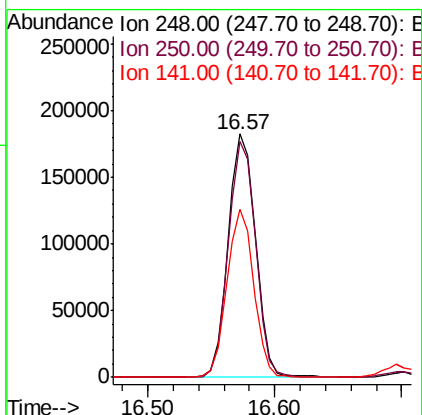
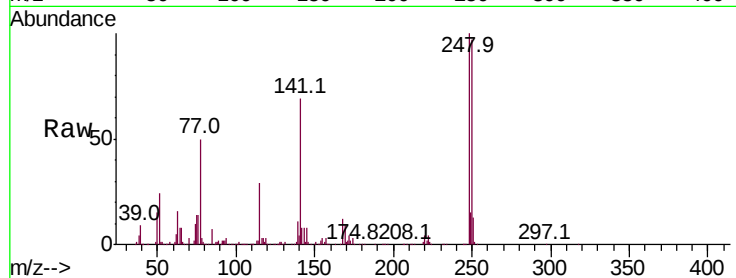




#67
4-Bromophenyl-phenylether
Concen: 45.261 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

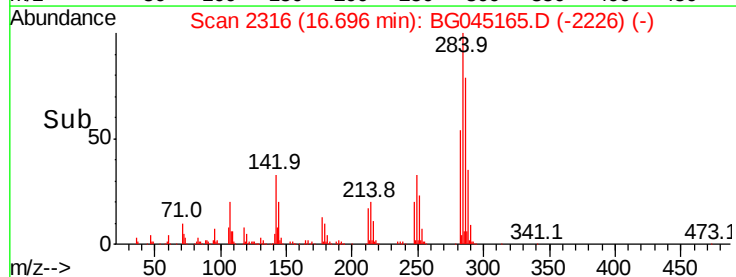
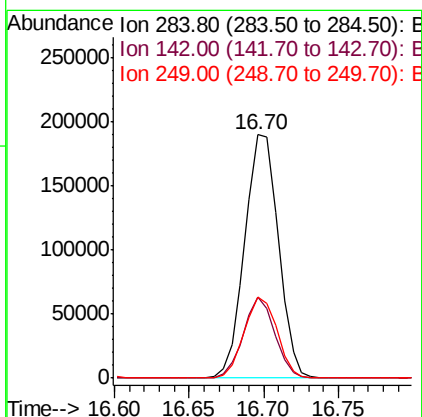
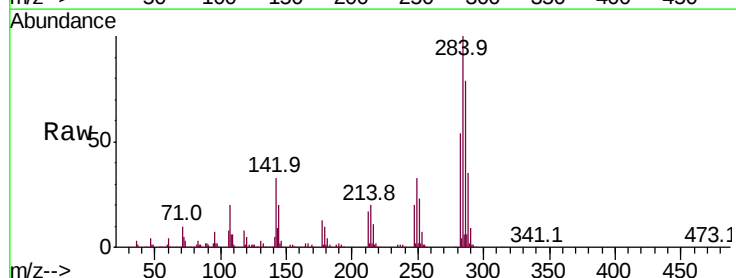
Instrument :
BNA_G
ClientSampleId :
SP1-AMSD

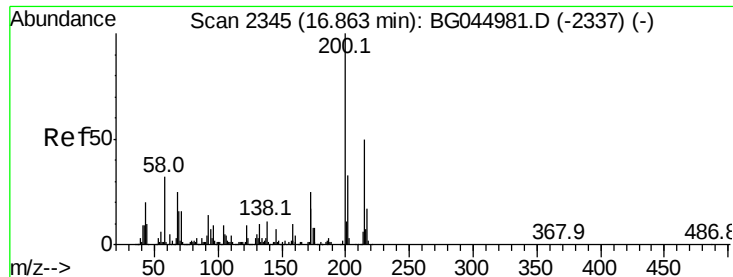
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	75.4	113.2
141	69.0	54.4	81.6



#68
Hexachlorobenzene
Concen: 47.564 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	25.8	38.6
249	33.4	26.6	39.8





#69

Atrazine

Concen: 55.611 ng

RT: 16.84 min Scan# 2341

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

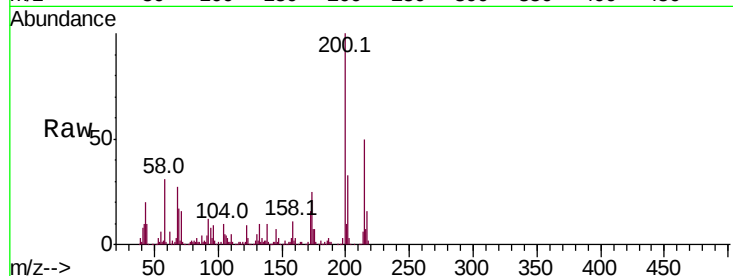
Tot Ion:200 Resp: 265658

Ion Ratio Lower Upper

200 100

173 25.3 4.5 44.5

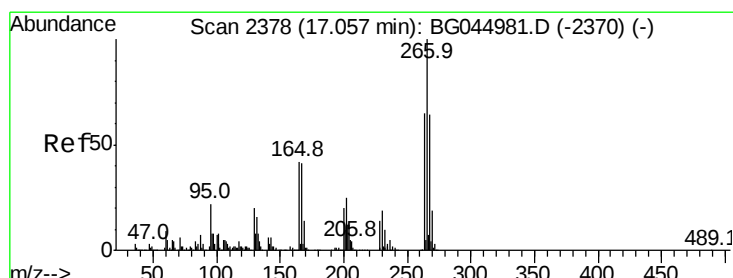
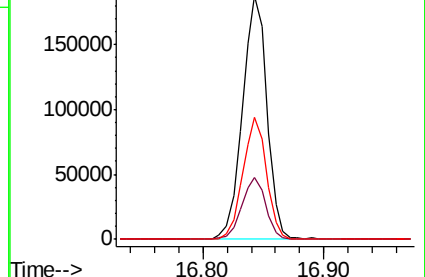
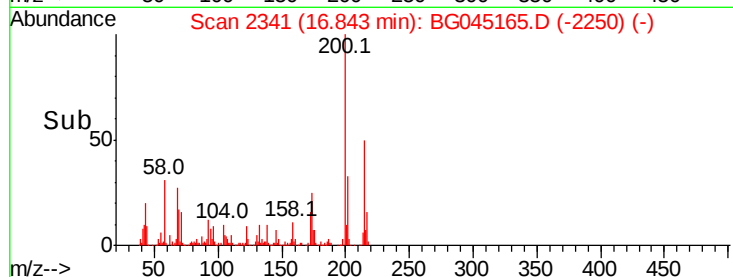
215 50.2 30.0 70.0



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: 96.663 ng

RT: 17.04 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

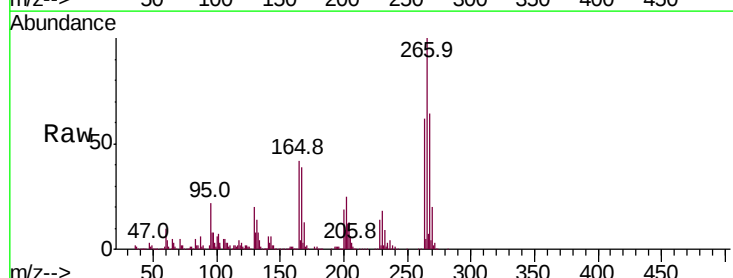
Tgt Ion:266 Resp: 369146

Ion Ratio Lower Upper

266 100

268 63.7 51.5 77.3

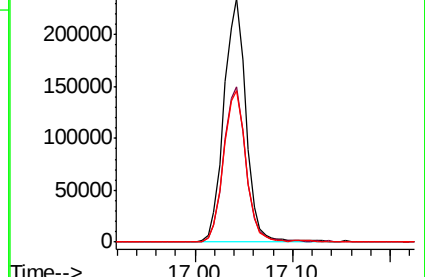
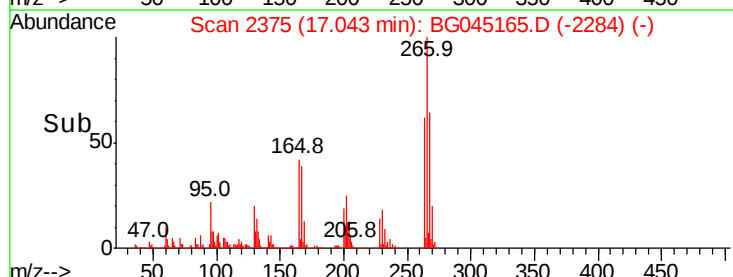
264 62.3 52.2 78.4

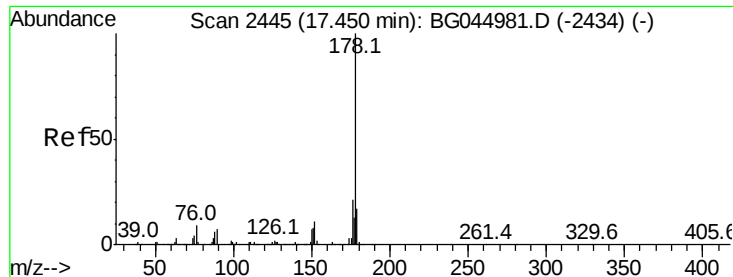


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

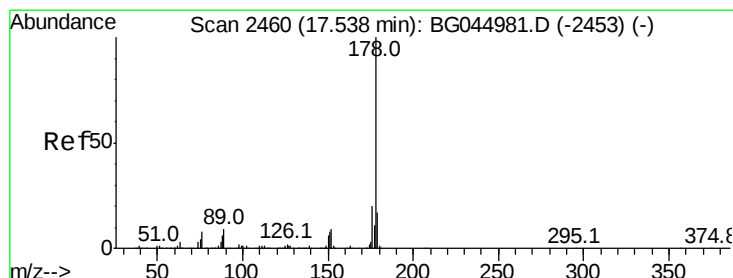
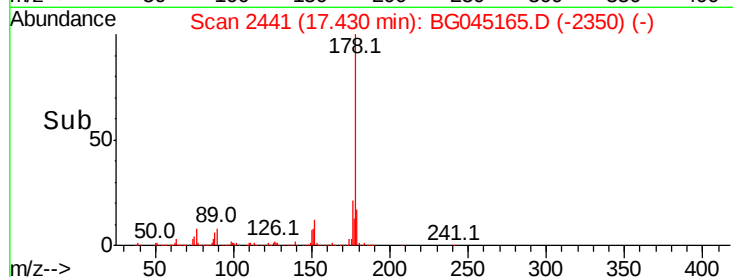
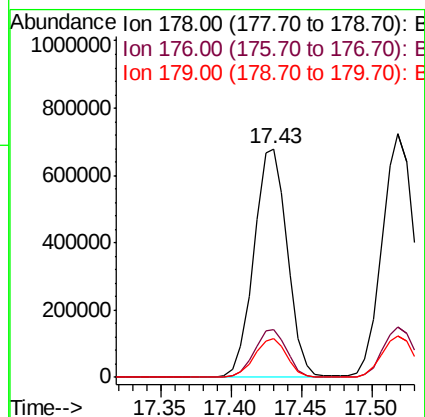
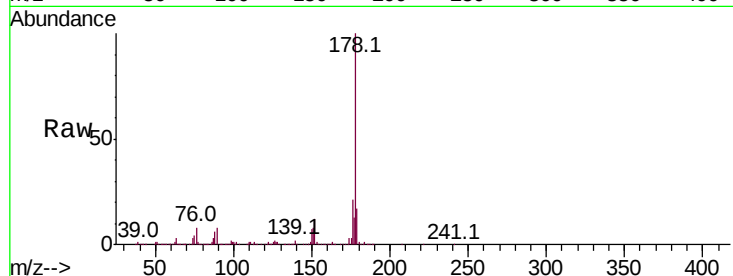




#71
Phenanthrene
Concen: 47.321 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

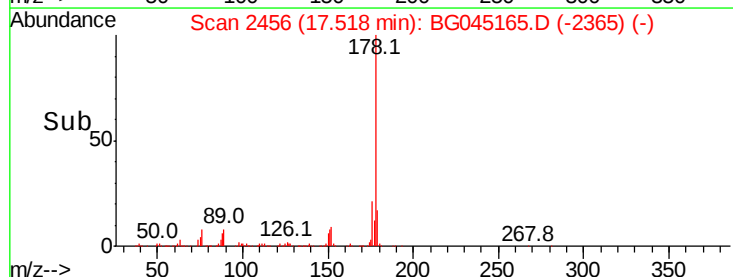
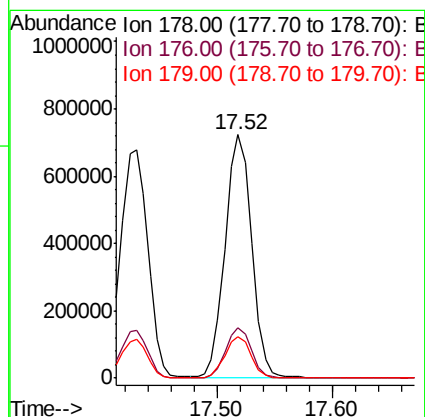
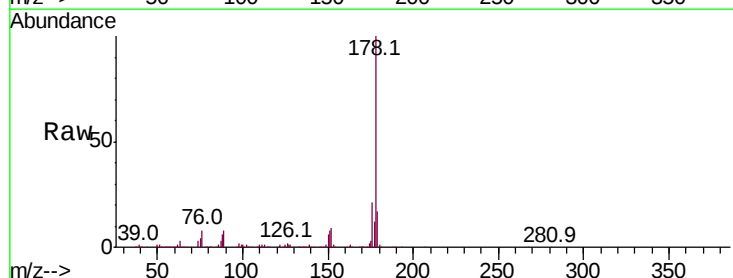
Instrument :
BNA_G
ClientSampleId :
SP1-AMSD

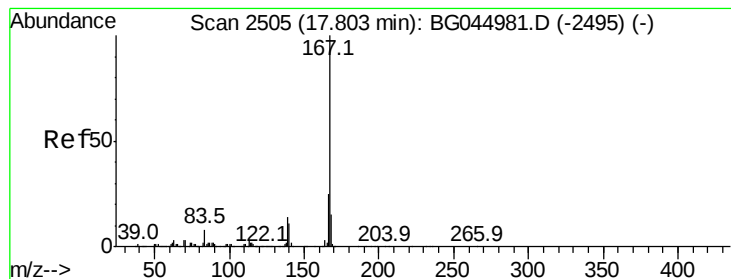
Tot Ion:178 Resp: 1131391
Ion Ratio Lower Upper
178 100
176 20.8 16.8 25.2
179 16.9 13.2 19.8



#72
Anthracene
Concen: 48.155 ng
RT: 17.52 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

Tgt Ion:178 Resp: 1154918
Ion Ratio Lower Upper
178 100
176 20.6 16.0 24.0
179 17.0 13.6 20.4





#73

Carbazole

Concen: 44.701 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

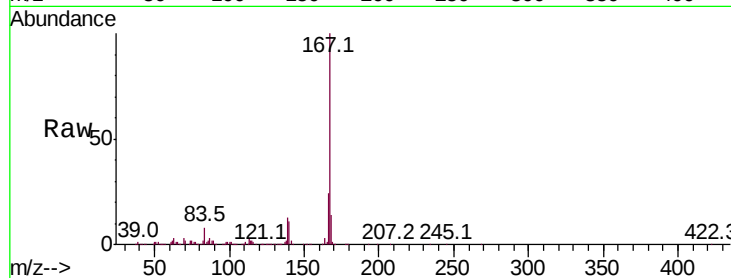
Tot Ion:167 Resp: 1087956

Ion Ratio Lower Upper

167 100

166 23.6 19.8 29.6

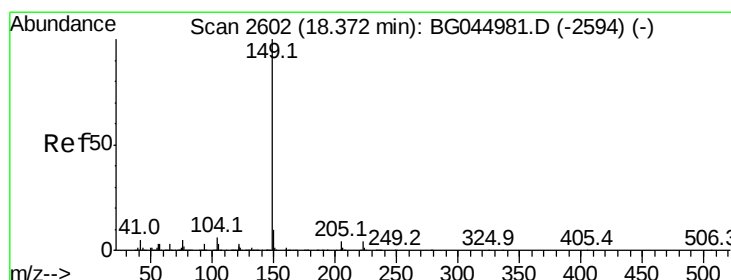
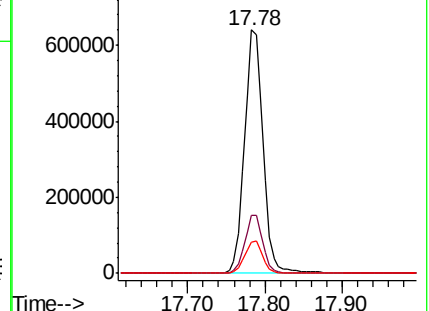
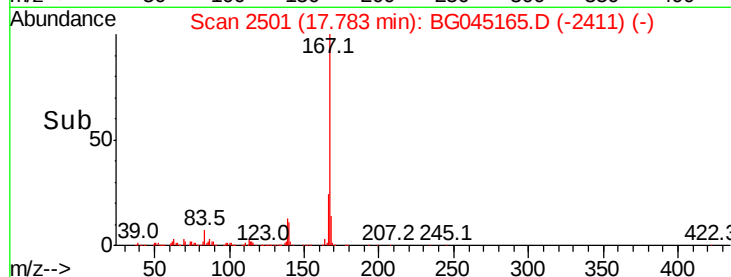
139 13.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.878 ng

RT: 18.35 min Scan# 2598

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

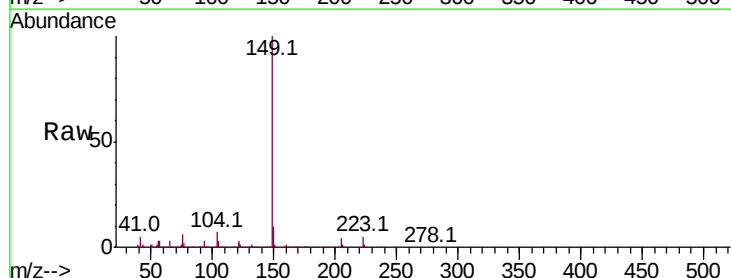
Tgt Ion:149 Resp: 1258163

Ion Ratio Lower Upper

149 100

150 9.8 8.2 12.2

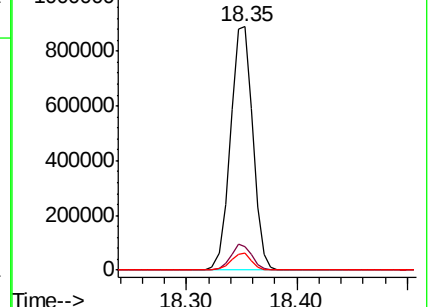
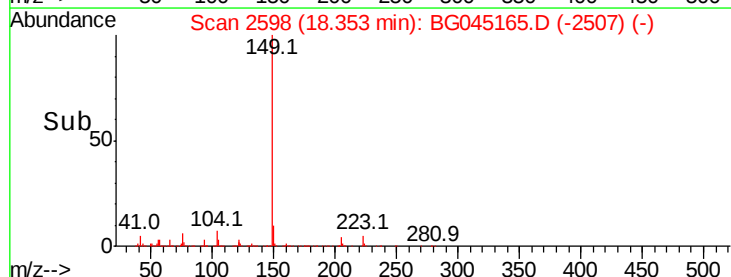
104 6.8 4.8 7.2

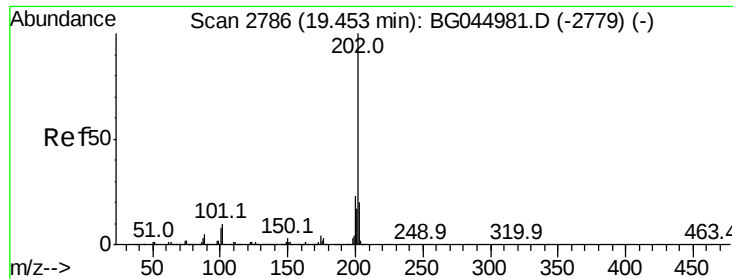


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.911 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

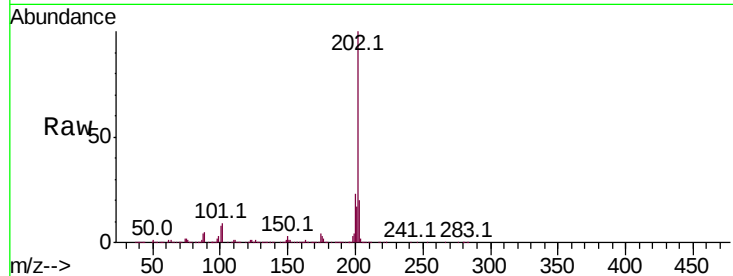
Tot Ion:202 Resp: 1407950

Ion Ratio Lower Upper

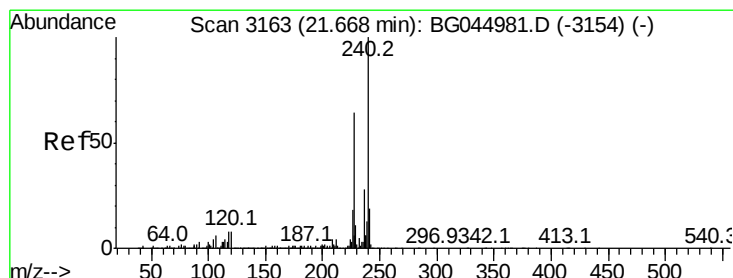
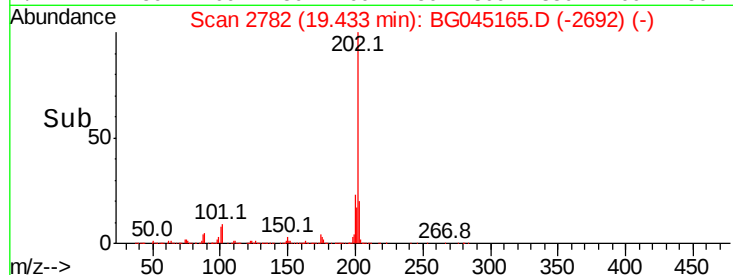
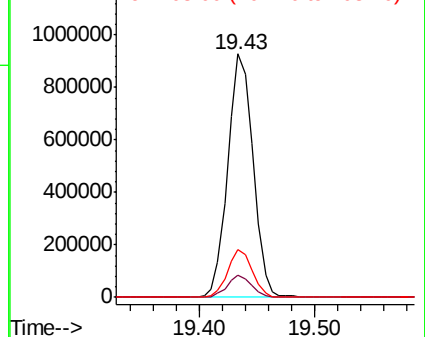
202 100

101 9.0 0.0 29.6

203 19.8 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

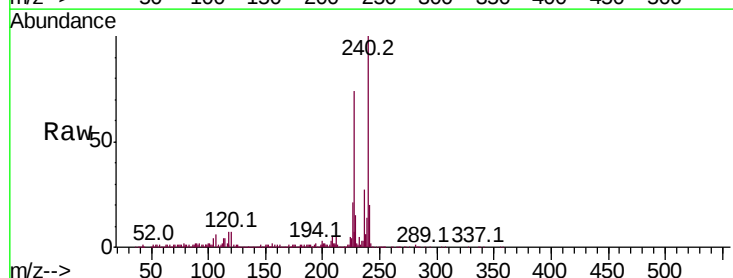
Tgt Ion:240 Resp: 422392

Ion Ratio Lower Upper

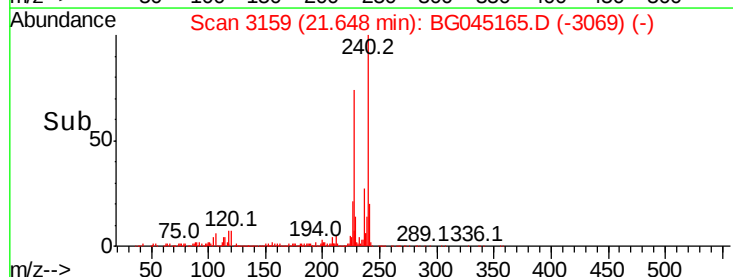
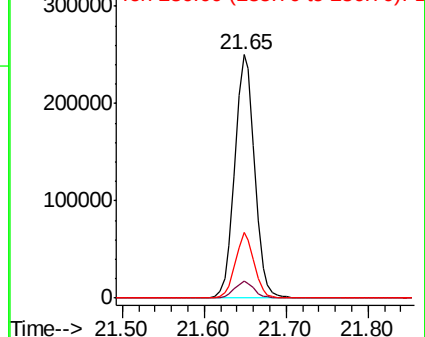
240 100

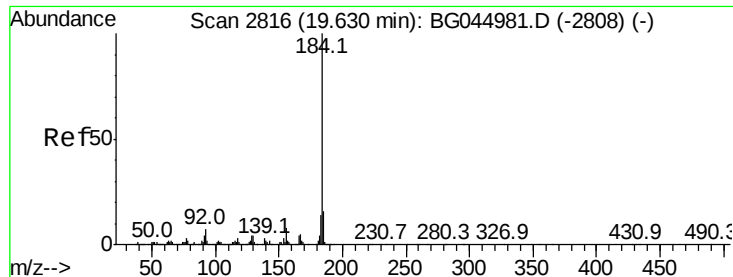
120 7.0 6.6 10.0

236 27.1 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 61.075 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

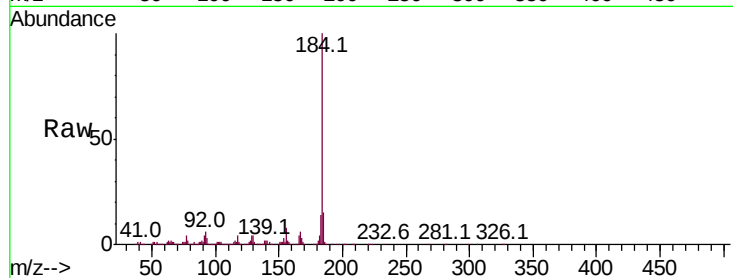
BNA_G

ClientSampleId :

SP1-AMSD

Tot Ion:184 Resp: 721177

Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.6	19.0
183	13.6	11.3	16.9

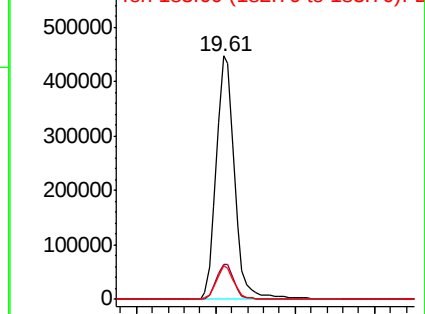
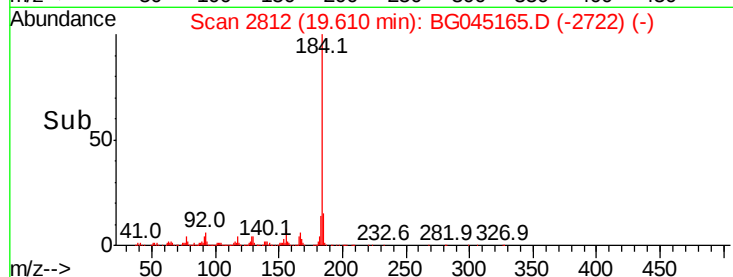


Abundance

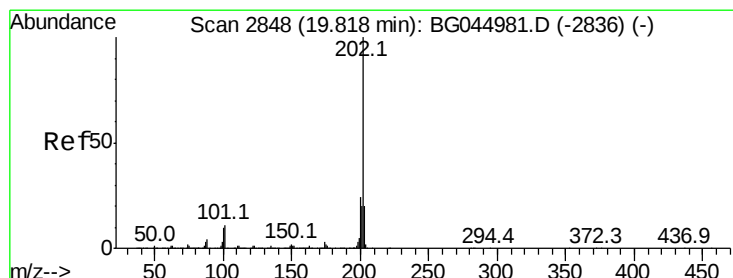
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 47.611 ng

RT: 19.80 min Scan# 2844

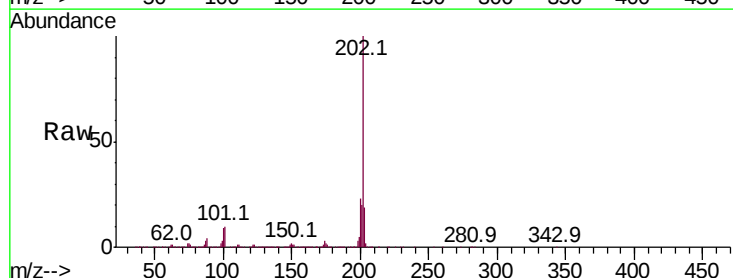
Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Tgt Ion:202 Resp: 1386423

Ion	Ratio	Lower	Upper
202	100		
200	23.0	19.0	28.6
203	19.2	16.1	24.1

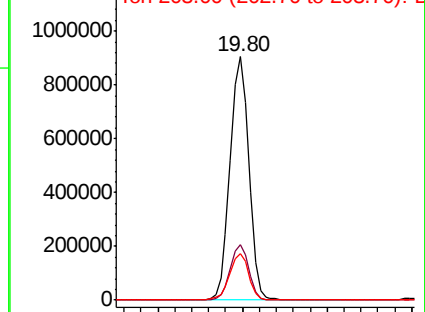
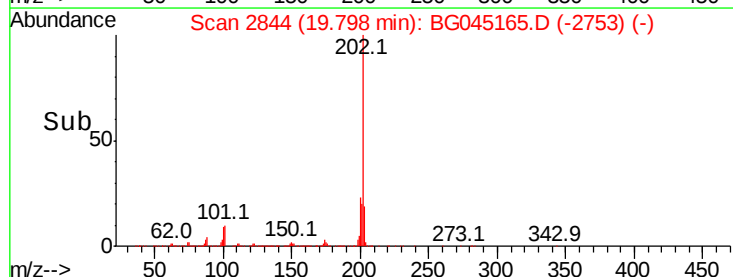


Abundance

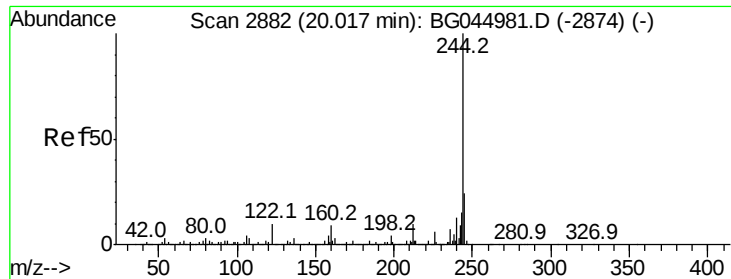
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 91.848 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

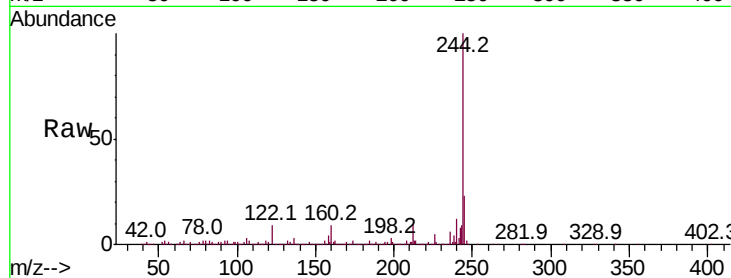
Tot Ion:244 Resp: 1779973

Ion Ratio Lower Upper

244 100

212 9.6 7.9 11.9

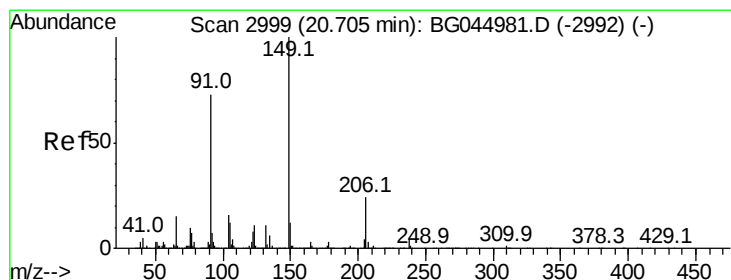
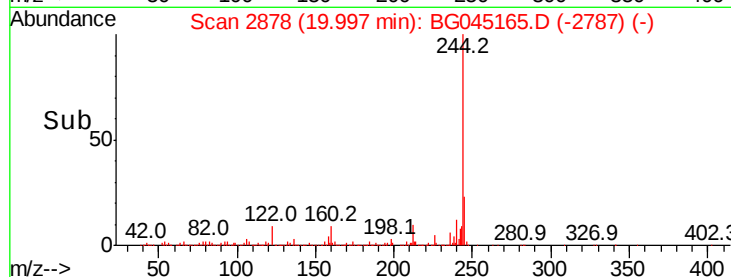
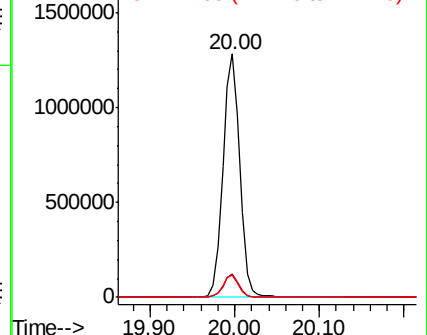
122 8.9 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.082 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

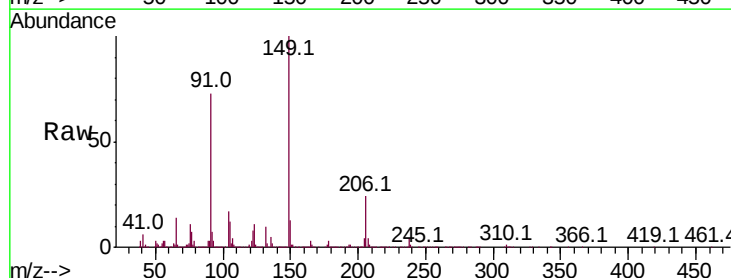
Tgt Ion:149 Resp: 556238

Ion Ratio Lower Upper

149 100

91 73.1 58.5 87.7

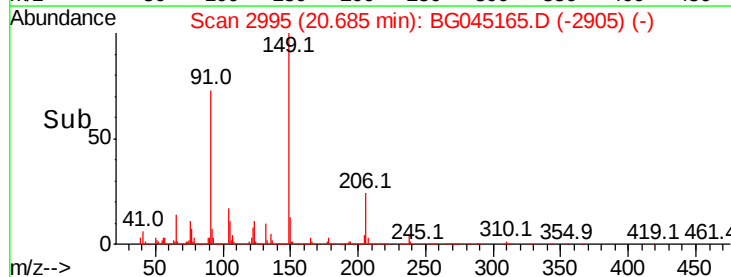
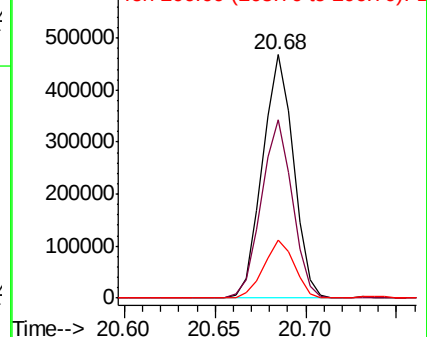
206 23.7 19.2 28.8

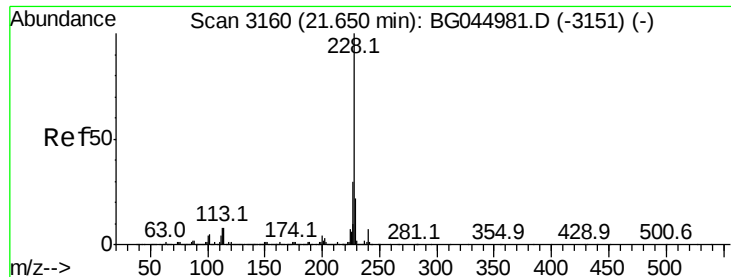


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.306 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

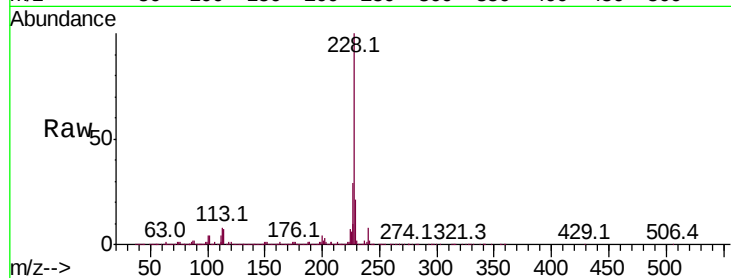
Tot Ion:228 Resp: 1295106

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

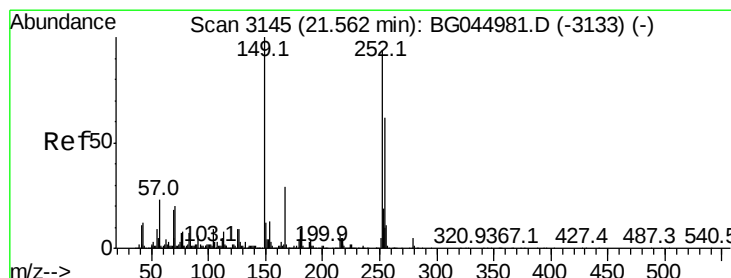
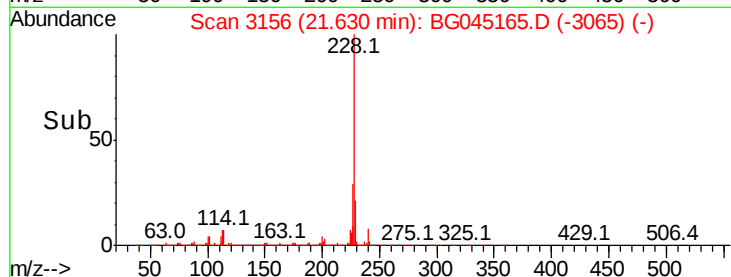
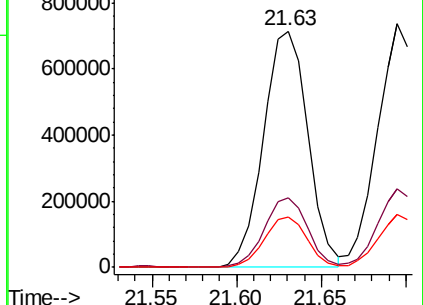
229 21.3 17.5 26.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.283 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

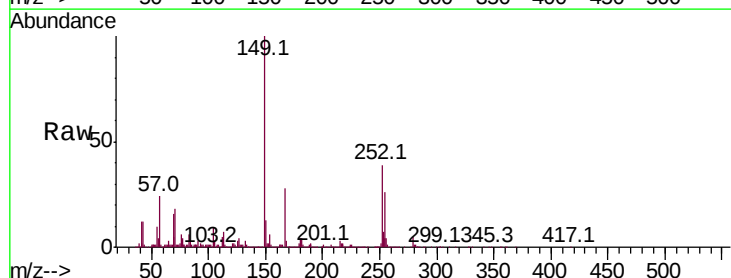
Tgt Ion:252 Resp: 329985

Ion Ratio Lower Upper

252 100

254 66.2 52.6 79.0

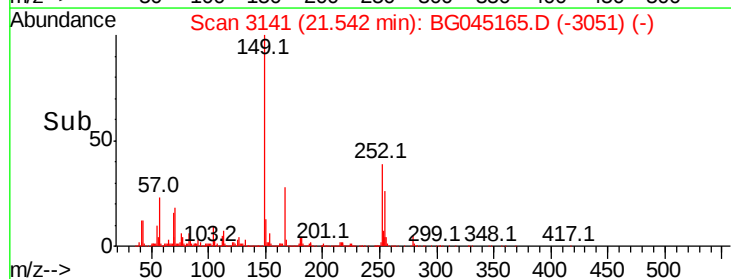
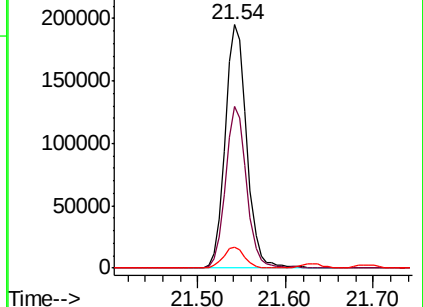
126 8.3 7.5 11.3

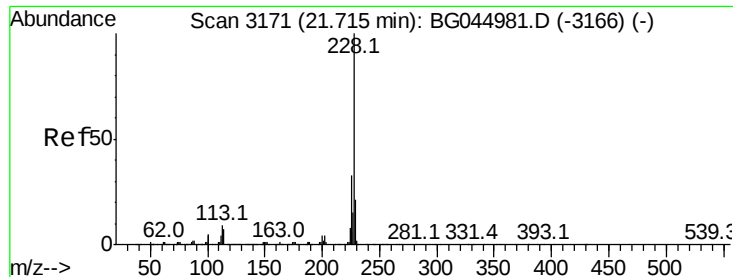


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.521 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

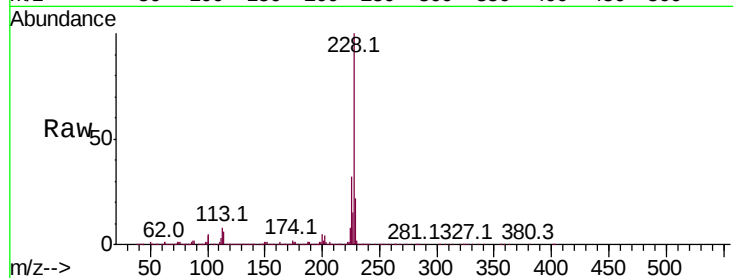
BNA_G

ClientSampleId :

SP1-AMSD

Tot Ion:228 Resp: 1276318

Ion	Ratio	Lower	Upper
228	100		
226	32.4	26.2	39.4
229	21.8	17.0	25.6

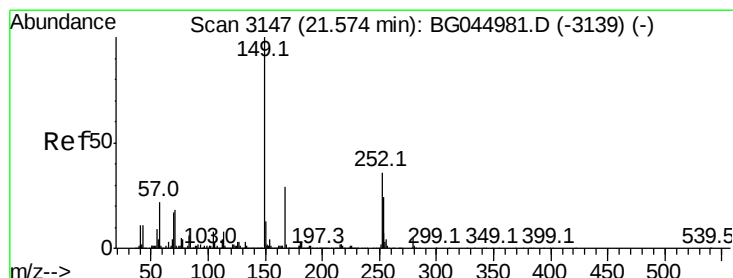
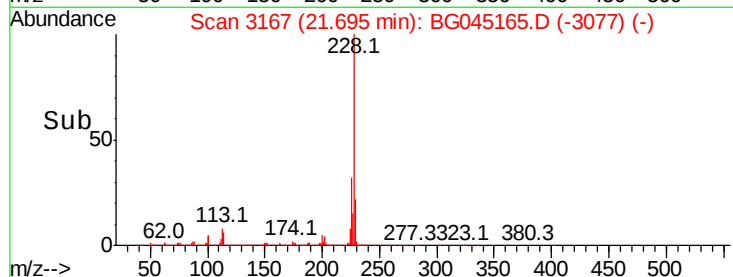
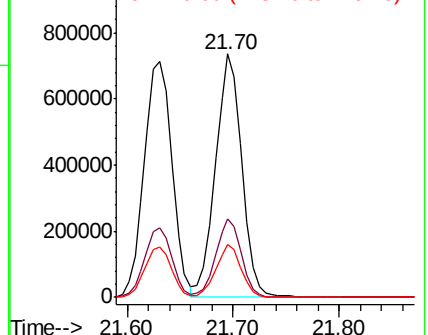


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.211 ng

RT: 21.55 min Scan# 3142

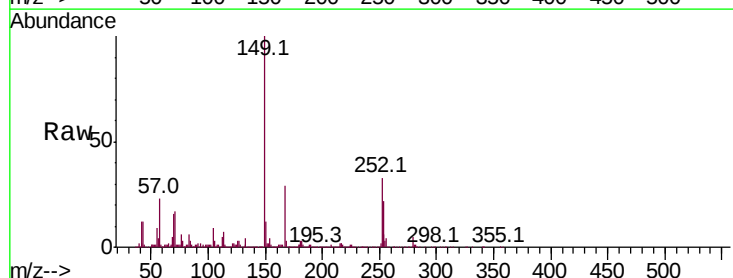
Delta R.T. 0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Tgt Ion:149 Resp: 767157

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.4	35.0
279	5.5	4.3	6.5

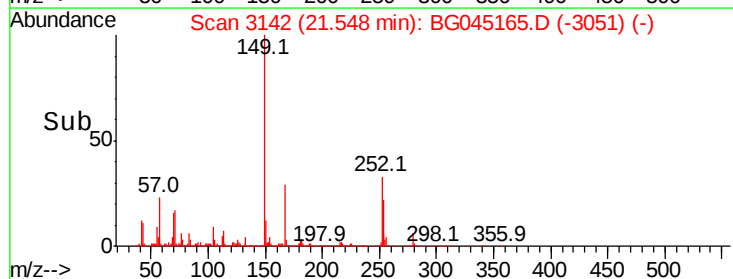
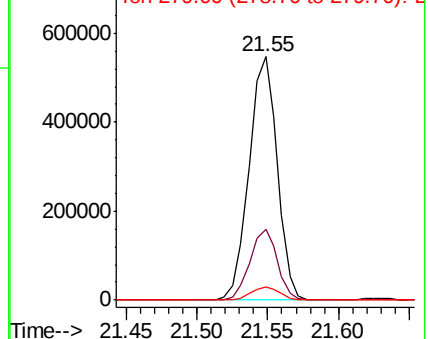


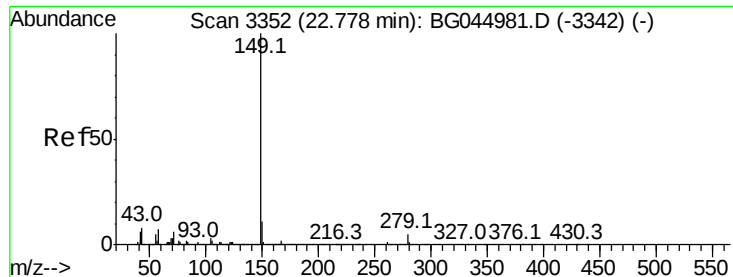
Abundance

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: 45.935 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

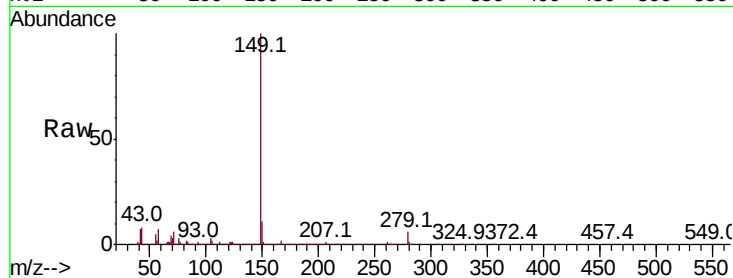
Tot Ion:149 Resp: 1318674

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

43 7.5 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

1000000

800000

600000

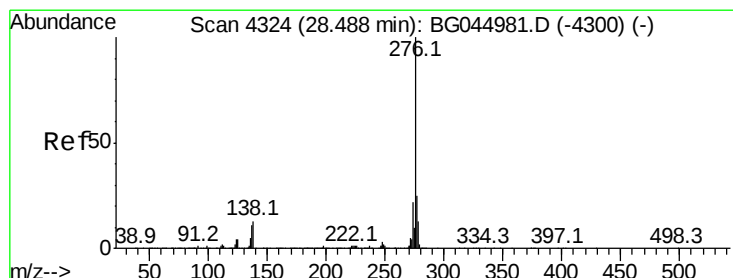
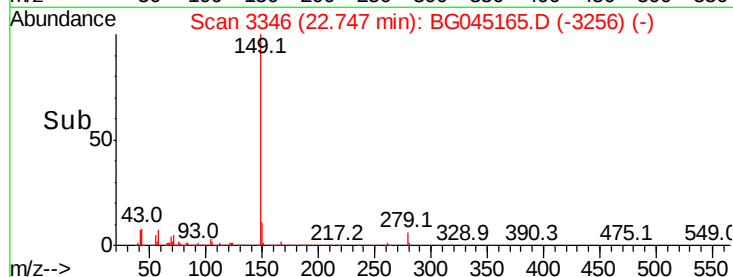
400000

200000

0

22.75

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.454 ng

RT: 28.44 min Scan# 4315

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

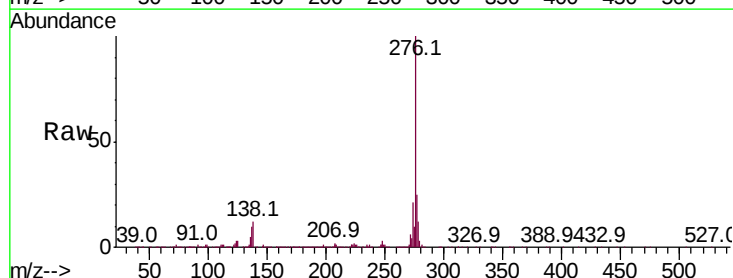
Tgt Ion:276 Resp: 1692202

Ion Ratio Lower Upper

276 100

138 15.5 9.6 14.4#

277 26.3 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

400000

300000

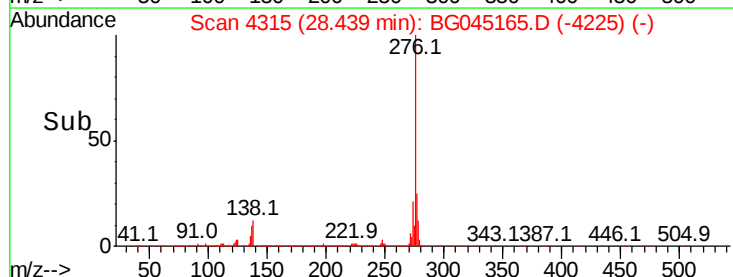
200000

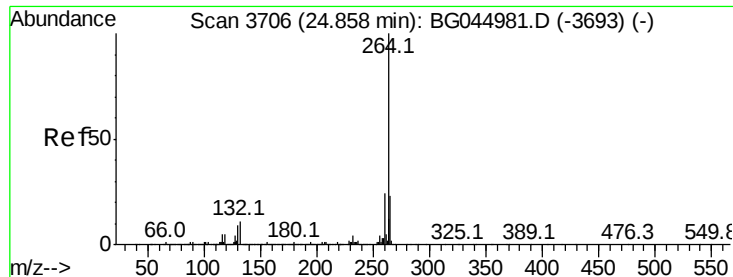
100000

0

28.44

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

BNA_G

ClientSampleId :

SP1-AMSD

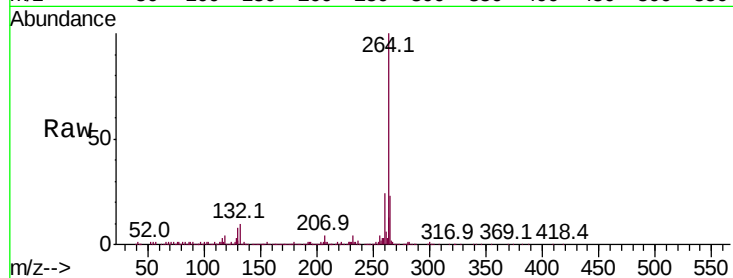
Tot Ion:264 Resp: 472039

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

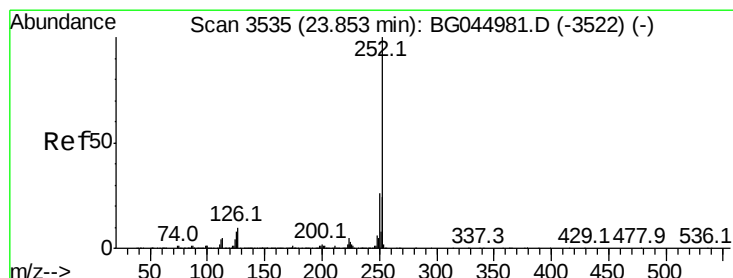
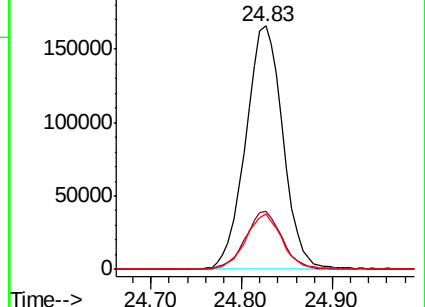
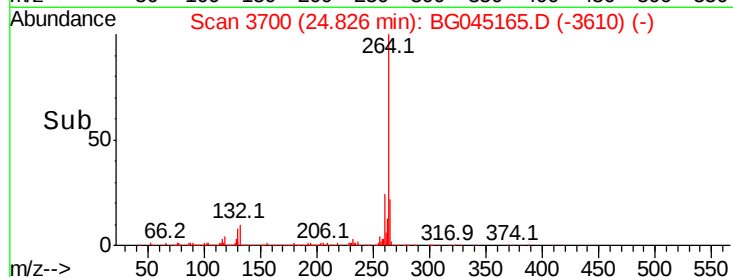
265 22.6 19.0 28.4



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: 48.793 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.00 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

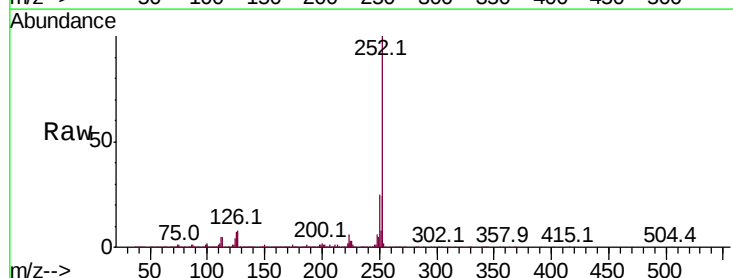
Tgt Ion:252 Resp: 1442719

Ion Ratio Lower Upper

252 100

253 23.8 18.8 28.2

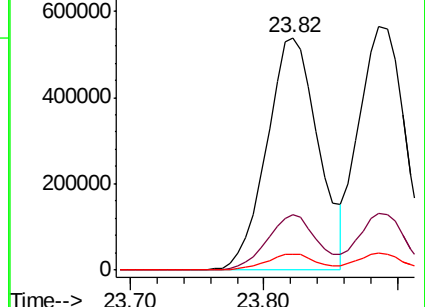
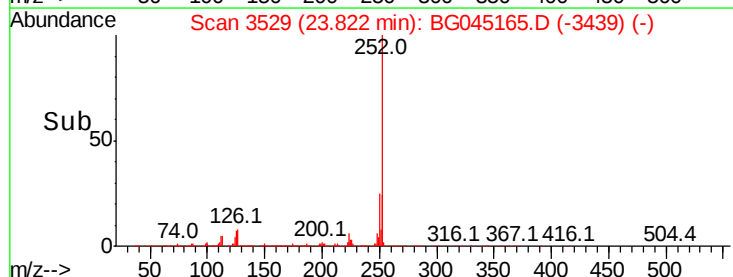
125 6.9 6.2 9.4

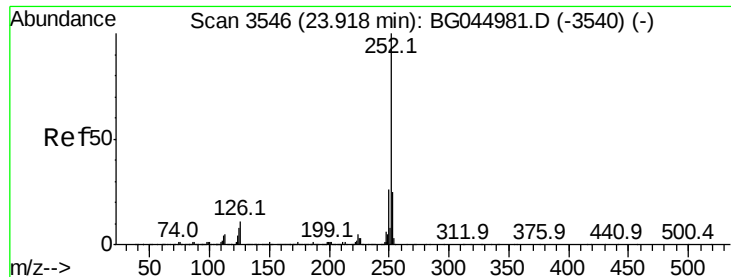


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

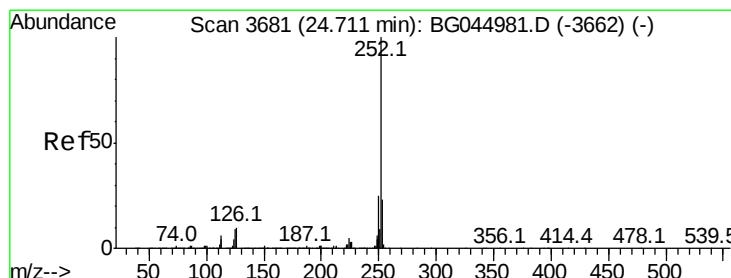
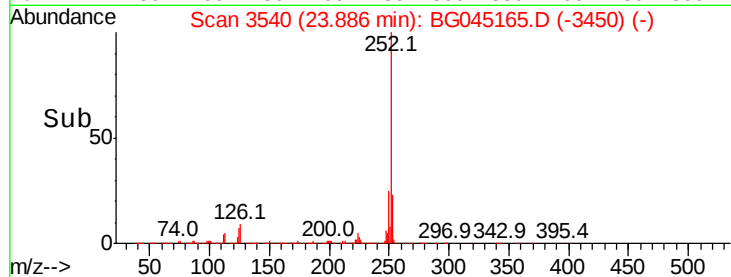
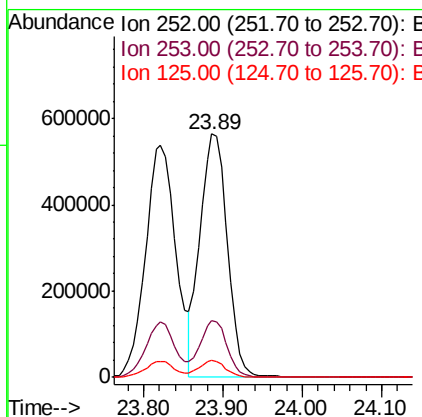
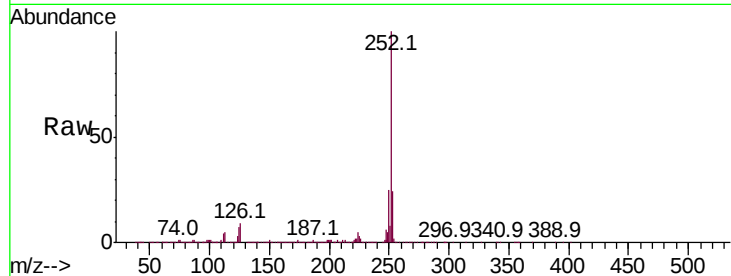




#89
Benzo(k)fluoranthene
Concen: 48.046 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

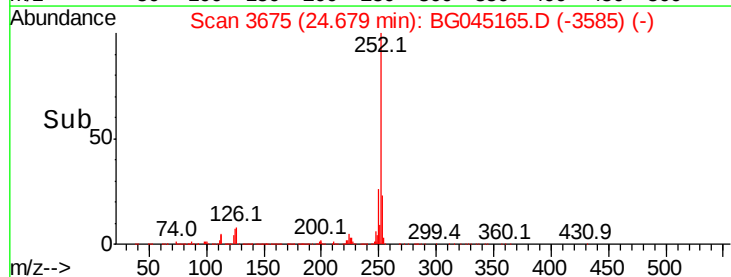
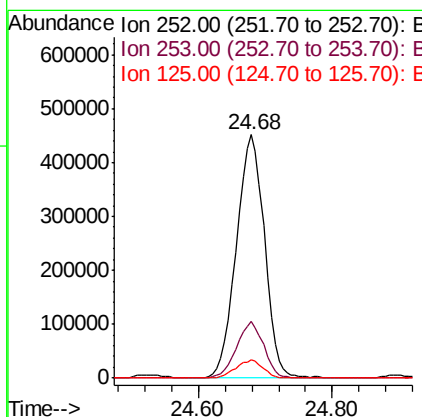
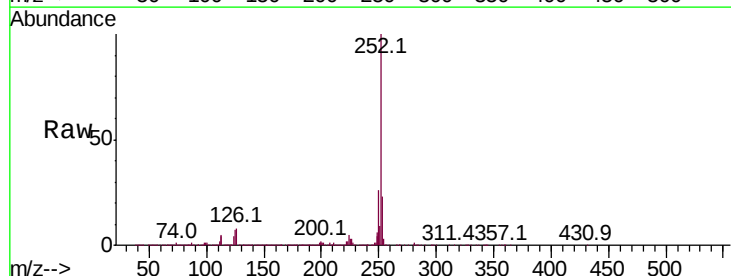
Instrument :
BNA_G
ClientSampleId :
SP1-AMSD

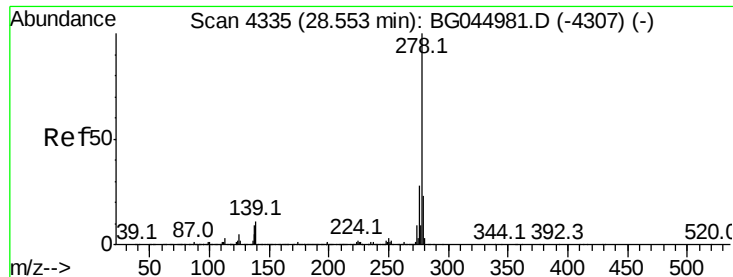
Tot Ion:252 Resp: 1351041
Ion Ratio Lower Upper
252 100
253 23.5 19.2 28.8
125 7.2 5.9 8.9



#90
Benzo(a)pyrene
Concen: 47.027 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BG045165.D
Acq: 24 Apr 2020 17:42

Tgt Ion:252 Resp: 1312859
Ion Ratio Lower Upper
252 100
253 23.1 18.3 27.5
125 7.3 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 48.849 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.01 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Instrument :

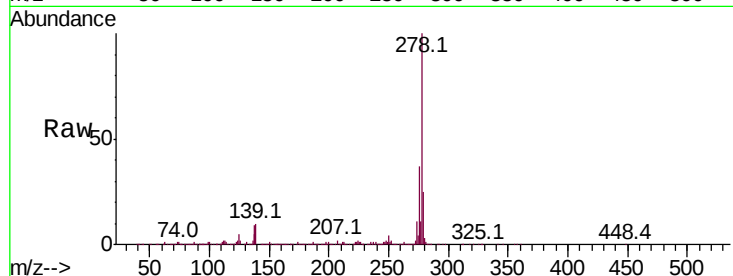
BNA_G

ClientSampleId :

SP1-AMSD

Tot Ion:278 Resp: 1374143

Ion	Ratio	Lower	Upper
278	100		
139	9.9	9.0	13.6
279	24.8	18.4	27.6

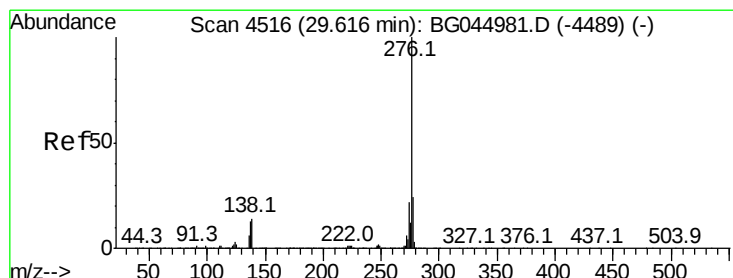
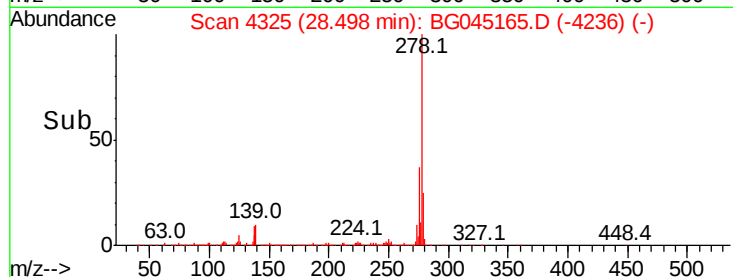
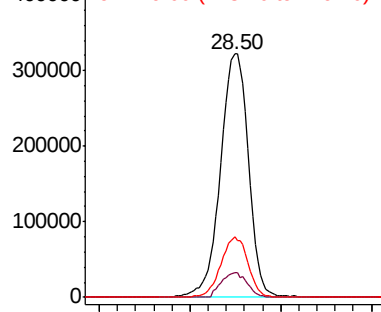


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.379 ng

RT: 29.56 min Scan# 4506

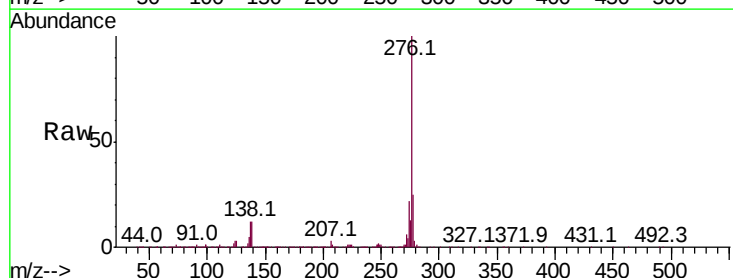
Delta R.T. -0.02 min

Lab File: BG045165.D

Acq: 24 Apr 2020 17:42

Tgt Ion:276 Resp: 1392618

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.3	28.9
138	12.3	11.4	17.2



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

