

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042020\
 Data File : BG045100.D
 Acq On : 20 Apr 2020 17:43
 Operator : CG/JU
 Sample : L2346-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-2MSD

Quant Time: Apr 20 18:32:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 16:38:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	65886	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	286585	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	220238	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	489592	20.00	ng	0.00
76) Chrysene-d12	21.67	240	439591	20.00	ng	0.00
87) Perylene-d12	24.87	264	484920	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	259321	64.98	ng	0.00
7) Phenol-d6	7.20	99	401968	67.79	ng	0.00
23) Nitrobenzene-d5	9.18	82	263800	42.00	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	214270	62.98	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	656290	43.70	ng	0.00
79) Terphenyl-d14	20.01	244	1130063	56.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	66449	37.466	ng	92
3) Pyridine	3.88	79	196932	36.063	ng	96
4) n-Nitrosodimethylamine	3.80	42	74299	44.415	ng	95
6) Aniline	7.34	93	250263	32.463	ng	97
8) 2-Chlorophenol	7.59	128	245563	57.254	ng	96
9) Benzaldehyde	7.16	77	111995	31.264	ng	98
10) Phenol	7.22	94	335276	56.507	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	213135	45.117	ng	96
12) 1,3-Dichlorobenzene	7.91	146	247094	48.890	ng	95
13) 1,4-Dichlorobenzene	8.06	146	242900	48.232	ng	97
14) 1,2-Dichlorobenzene	8.38	146	237825	49.362	ng	97
15) Benzyl Alcohol	8.26	79	249227	50.134	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	199711	43.067	ng	95
17) 2-Methylphenol	8.47	107	224079	48.948	ng	94
18) Hexachloroethane	9.11	117	94135	49.722	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	196183	46.786	ng	98
20) 3+4-Methylphenols	8.80	107	322266	50.294	ng	98
22) Acetophenone	8.85	105	362460	46.769	ng	99
24) Nitrobenzene	9.22	77	306549	47.615	ng	97
25) Isophorone	9.75	82	569008	44.239	ng	99
26) 2-Nitrophenol	9.94	139	148759	53.642	ng	97
27) 2,4-Dimethylphenol	10.01	122	241713	54.932	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	322424	47.710	ng	97
29) 2,4-Dichlorophenol	10.49	162	278940	54.900	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	287552	49.986	ng	97
31) Naphthalene	10.89	128	773860	49.361	ng	99
32) Benzoic acid	10.17	122	172958	48.569	ng	94
33) 4-Chloroaniline	10.99	127	133140	18.210	ng	96
34) Hexachlorobutadiene	11.18	225	195692	49.616	ng	97
35) Caprolactam	11.77	113	68563	33.906	ng	92
36) 4-Chloro-3-methylphenol	12.12	107	315256	52.818	ng	99
37) 2-Methylnaphthalene	12.49	142	610290	50.153	ng	98
38) 1-Methylnaphthalene	12.71	142	583579	50.800	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	350959	49.493	ng	100

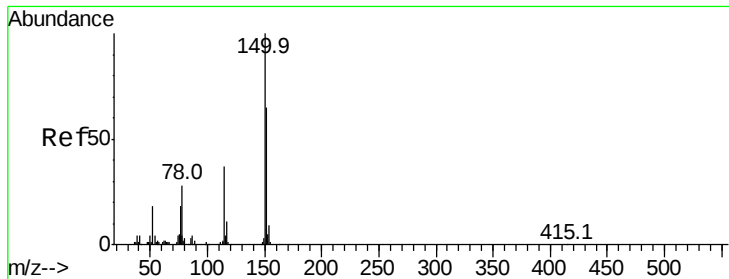
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042020\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	338574	76.392	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	256565	51.266	ng	97
44) 2,4,5-Trichlorophenol	13.17	196	274765	48.233	ng	98
46) 1,1'-Biphenyl	13.49	154	788852	47.125	ng	97
47) 2-Chloronaphthalene	13.54	162	617249	48.257	ng	100
48) 2-Nitroaniline	13.73	65	193105	45.886	ng	94
49) Acenaphthylene	14.38	152	996802	47.844	ng	99
50) Dimethylphthalate	14.12	163	898941	50.128	ng	100
51) 2,6-Dinitrotoluene	14.23	165	185934	46.356	ng	96
52) Acenaphthene	14.73	154	619398	43.940	ng	100
53) 3-Nitroaniline	14.56	138	128150	29.130	ng	91
54) 2,4-Dinitrophenol	14.76	184	194551	81.570	ng	94
55) Dibenzofuran	15.06	168	970569	47.226	ng	98
56) 4-Nitrophenol	14.88	139	303298	88.919	ng	97
57) 2,4-Dinitrotoluene	15.02	165	265791	45.343	ng	94
58) Fluorene	15.71	166	799294	47.614	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	259531	51.203	ng	98
60) Diethylphthalate	15.48	149	835619	44.693	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	445054	46.061	ng	97
62) 4-Nitroaniline	15.73	138	167767	36.768	ng	92
63) Azobenzene	15.99	77	795633	46.157	ng	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	137457	42.714	ng	97
66) n-Nitrosodiphenylamine	15.91	169	709751	50.455	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	307596	48.700	ng	96
68) Hexachlorobenzene	16.72	284	331917	50.670	ng	97
69) Atrazine	16.87	200	288606	57.587	ng	99
70) Pentachlorophenol	17.06	266	388941	96.787	ng	99
71) Phenanthrene	17.45	178	1228699	48.838	ng	100
72) Anthracene	17.54	178	1267581	50.227	ng	100
73) Carbazole	17.81	167	1141357	44.566	ng	98
74) Di-n-butylphthalate	18.37	149	1376055	50.039	ng	100
75) Fluoranthene	19.46	202	1479092	46.317	ng	98
77) Benzidine	19.63	184	872094	72.078	ng	99
78) Pyrene	19.81	202	1459651	48.164	ng	100
80) Butylbenzylphthalate	20.70	149	595661	47.418	ng	97
81) Benzo(a)anthracene	21.65	228	1398257	49.076	ng	100
82) 3,3'-Dichlorobenzidine	21.57	252	393697	34.716	ng	98
83) Chrysene	21.72	228	1326716	48.464	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	806019	46.652	ng	100
85) Di-n-octyl phthalate	22.78	149	1388366	46.470	ng	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	1770496	48.712	ng	# 97
88) Benzo(b)fluoranthene	23.86	252	1467954	48.327	ng	99
89) Benzo(k)fluoranthene	23.93	252	1434996	49.677	ng	98
90) Benzo(a)pyrene	24.72	252	1387168	48.369	ng	98
91) Dibenzo(a,h)anthracene	28.57	278	1456590	50.404	ng	# 96
92) Benzo(g,h,i)perylene	29.64	276	1391922	48.044	ng	98

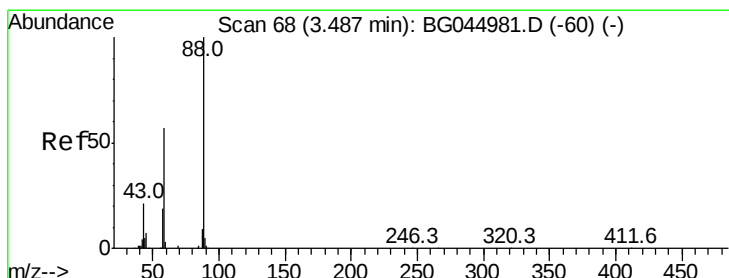
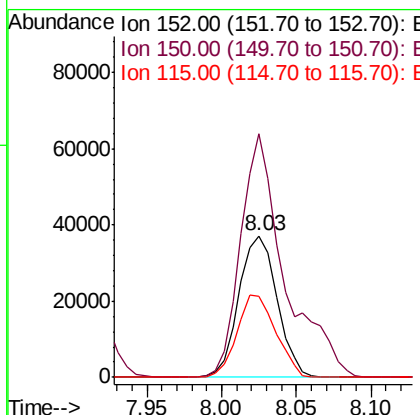
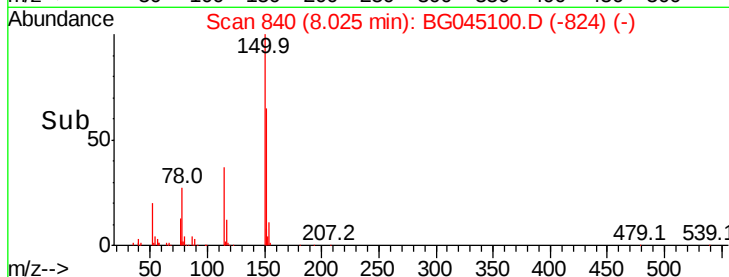
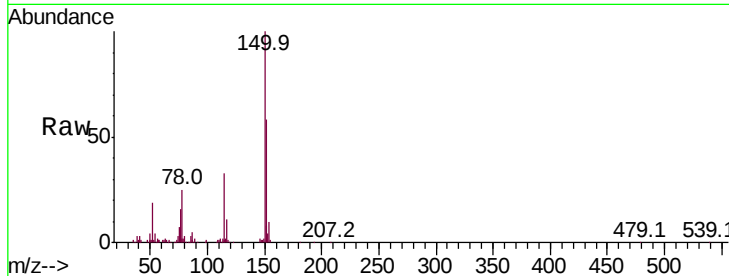
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

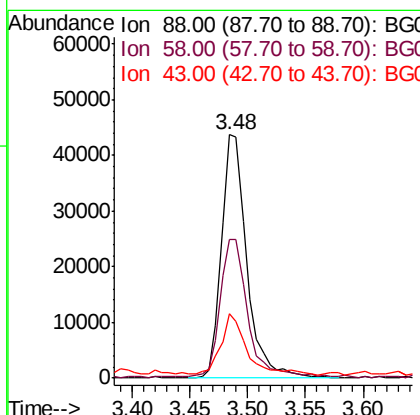
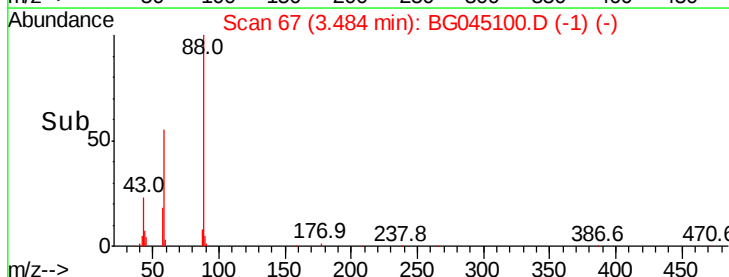
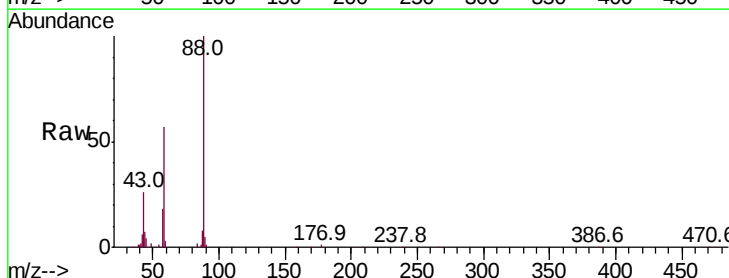
Instrument :
 BNA_G
 ClientSampleId :
 S-2MSD

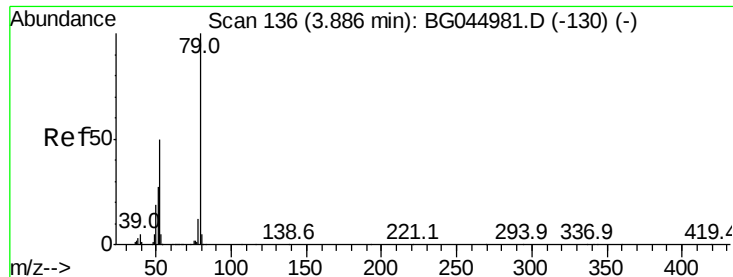
Tot Ion:	152	Resp:	65886
Ion	Ratio	Lower	Upper
152	100		
150	171.8	123.6	185.4
115	57.5	49.1	73.7



#2
 1,4-Dioxane
 Concen: 37.466 ng
 RT: 3.48 min Scan# 67
 Delta R.T. -0.01 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Tgt Ion:	88	Resp:	66449
Ion	Ratio	Lower	Upper
88	100		
58	64.1	46.6	69.8
43	25.7	17.5	26.3





#3

Pvridine

Concen: 36.063 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampleId :

S-2MSD

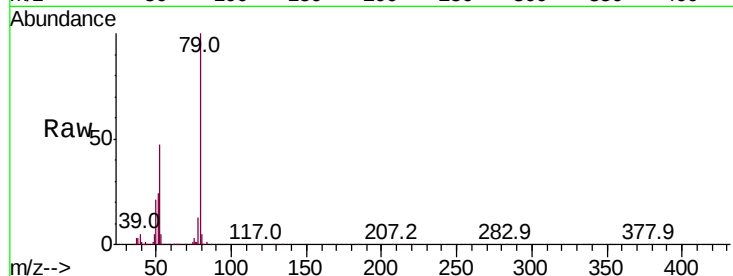
Tot Ion: 79 Resp: 196932

Ion Ratio Lower Upper

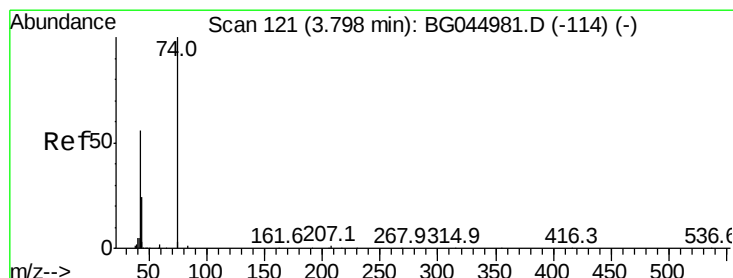
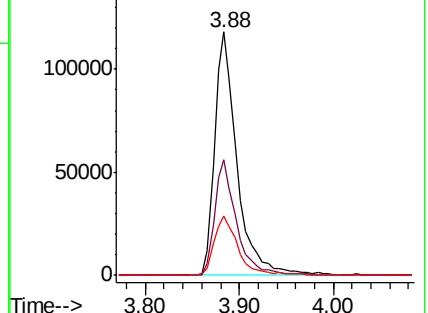
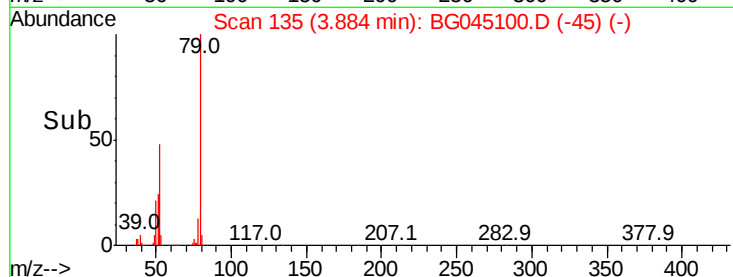
79 100

52 47.5 39.8 59.6

51 24.4 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



#4

n-Nitrosodimethylamine

Concen: 44.415 ng

RT: 3.80 min Scan# 120

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

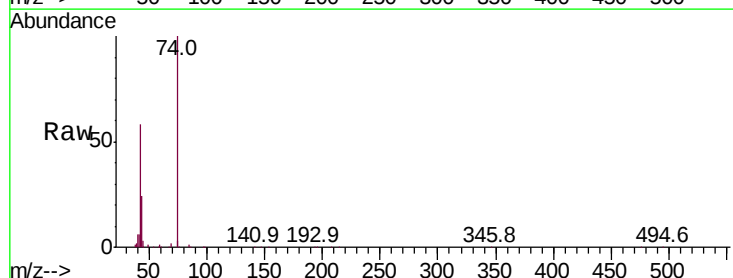
Tgt Ion: 42 Resp: 74299

Ion Ratio Lower Upper

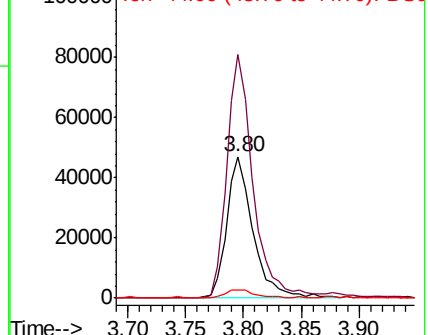
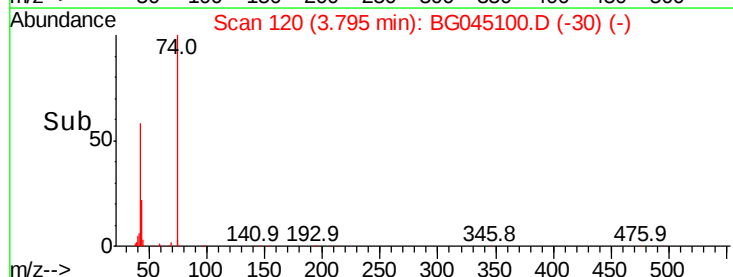
42 100

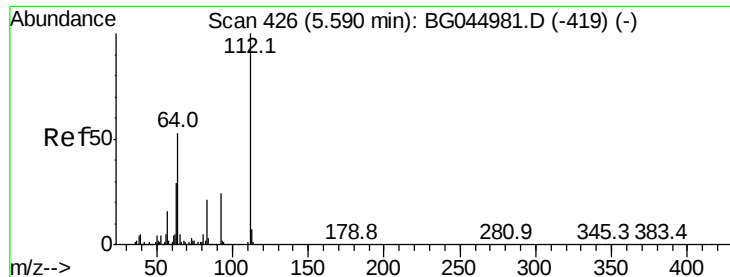
74 171.8 143.0 214.6

44 5.8 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





#5

2-Fluorophenol

Concen: 64.980 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampleId :

S-2MSD

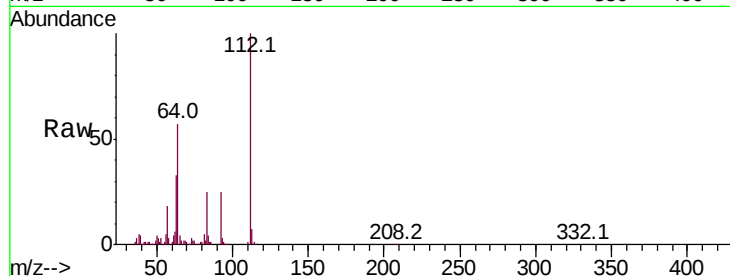
Tot Ion:112 Resp: 259321

Ion Ratio Lower Upper

112 100

64 57.2 42.4 63.6

63 32.9 23.1 34.7

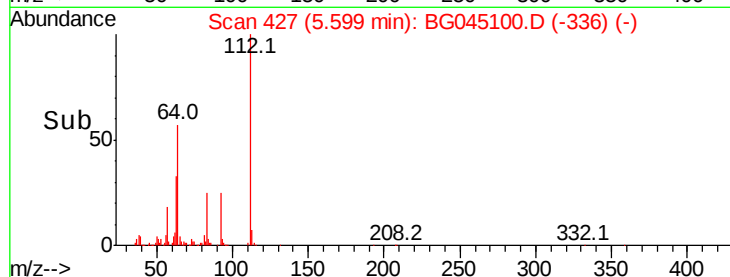


Abundance Ion 112.00 (111.70 to 112.70): BGC

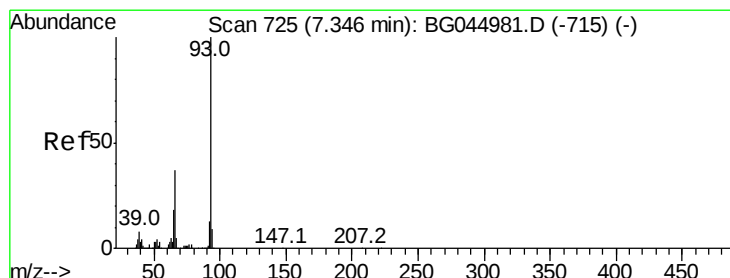
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

5.60



Time--> 5.50 5.60 5.70



#6

Aniline

Concen: 32.463 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

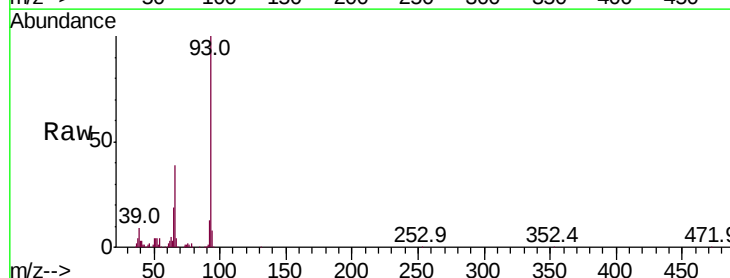
Tgt Ion: 93 Resp: 250263

Ion Ratio Lower Upper

93 100

66 39.2 29.8 44.8

65 19.0 14.6 22.0

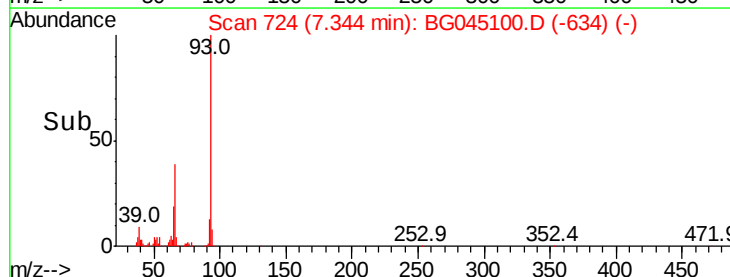


Abundance Ion 93.00 (92.70 to 93.70): BGC

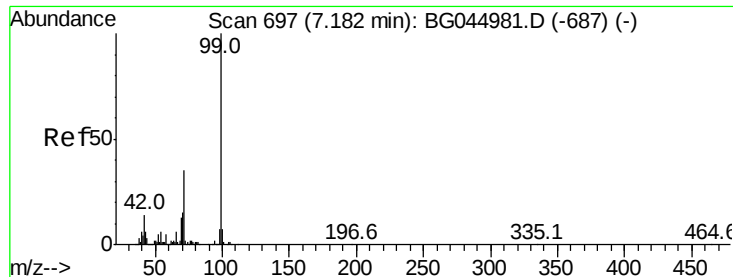
Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

7.34



Time--> 7.25 7.30 7.35 7.40



#7

Phenol-d6

Concen: 67.793 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampleId :

S-2MSD

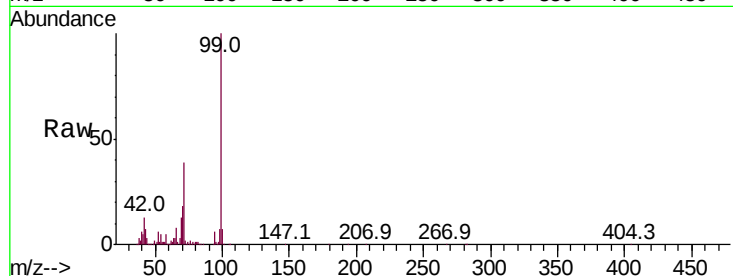
Tot Ion: 99 Resp: 401968

Ion Ratio Lower Upper

99 100

42 13.4 11.3 16.9

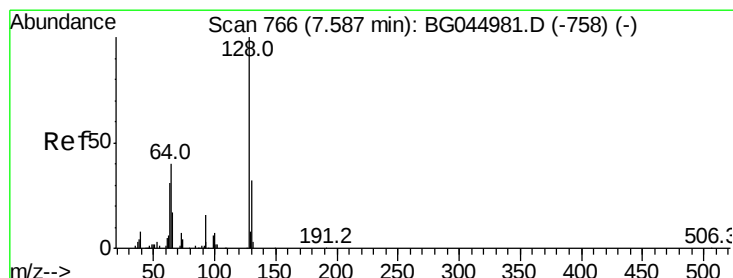
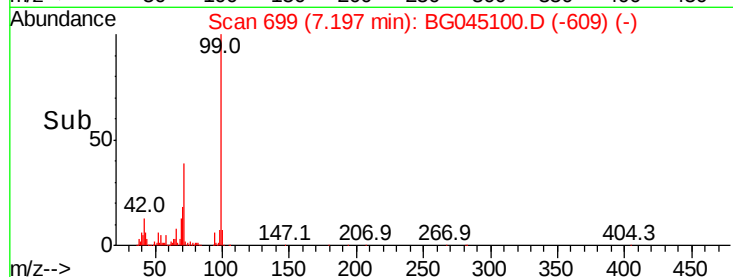
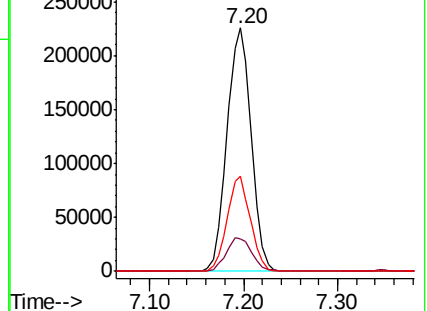
71 39.0 28.3 42.5



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: 57.254 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

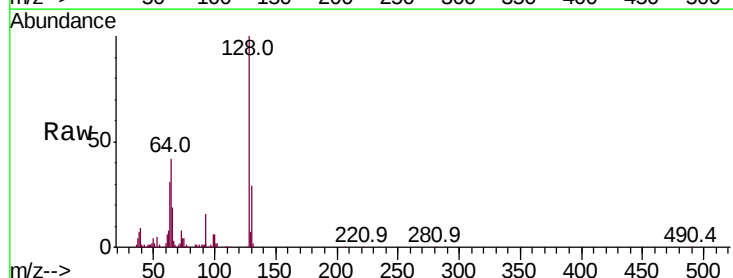
Tgt Ion: 128 Resp: 245563

Ion Ratio Lower Upper

128 100

130 29.5 12.3 52.3

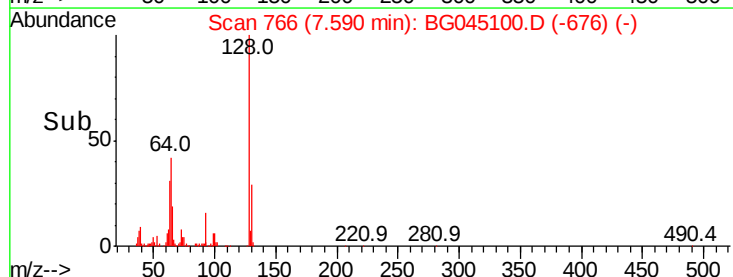
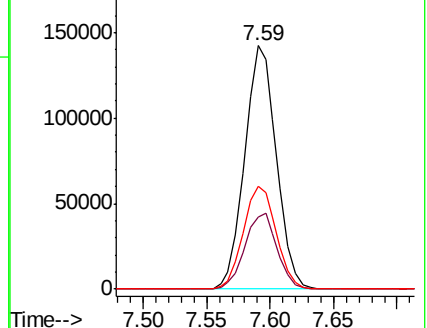
64 42.1 24.4 64.4

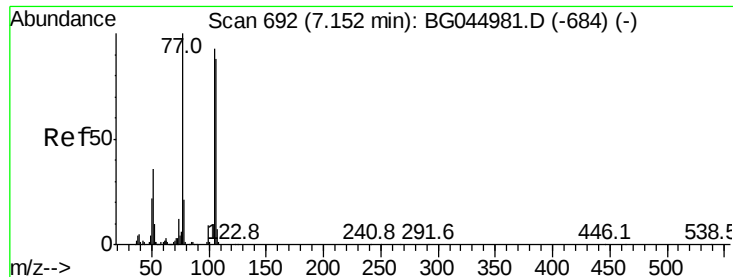


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 31.264 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampleId :

S-2MSD

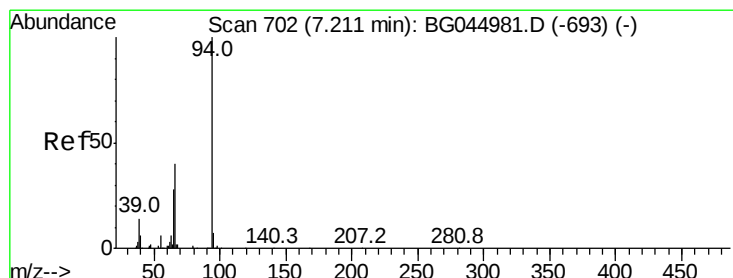
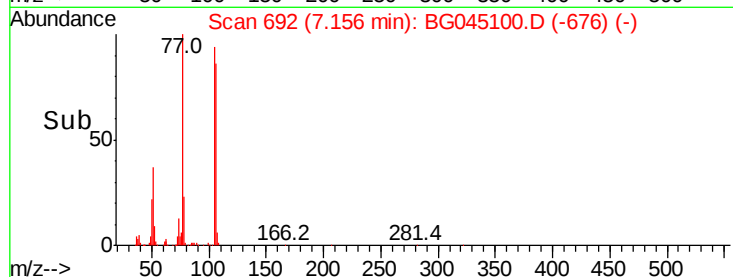
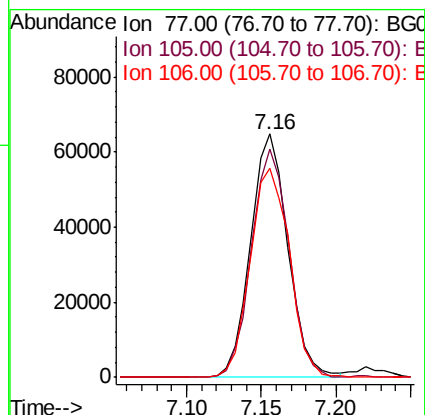
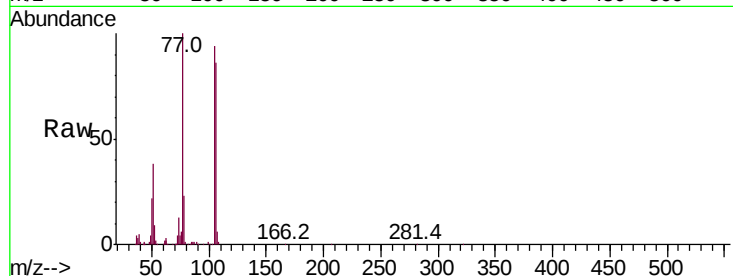
Tot Ion: 77 Resp: 111995

Ion Ratio Lower Upper

77 100

105 93.8 72.9 112.9

106 85.7 67.6 107.6



#10

Phenol

Concen: 56.507 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

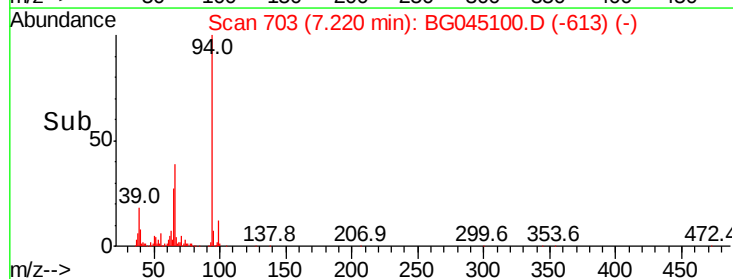
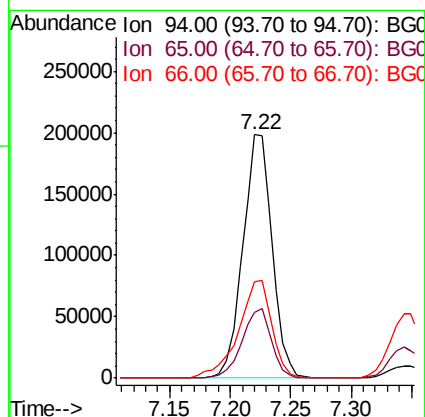
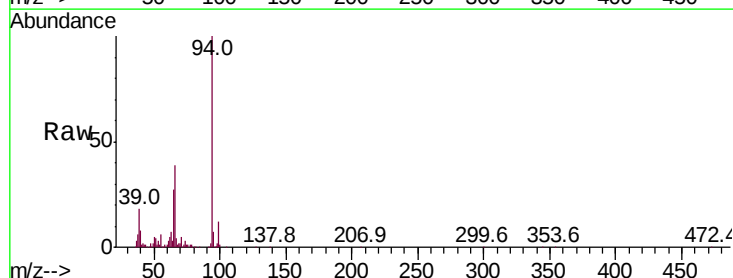
Tgt Ion: 94 Resp: 335276

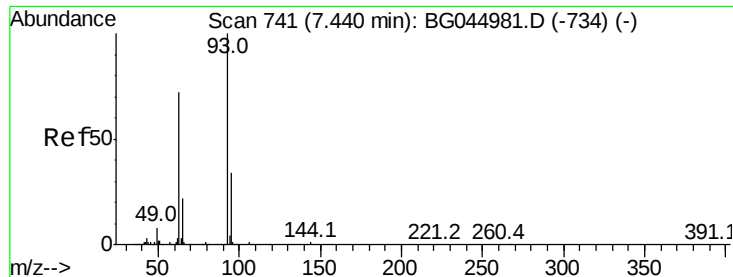
Ion Ratio Lower Upper

94 100

65 27.2 8.2 48.2

66 39.4 20.4 60.4

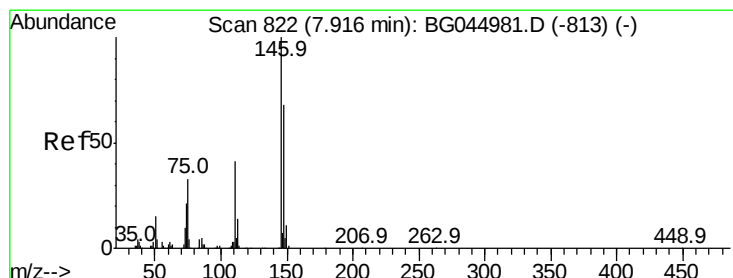
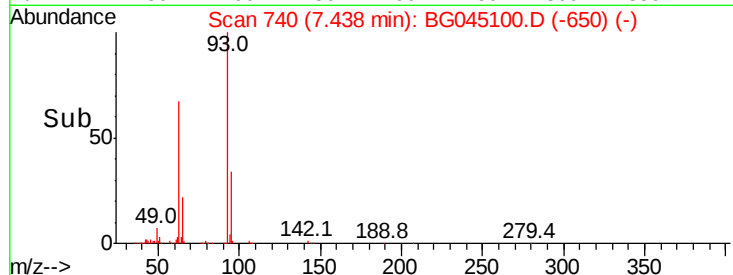
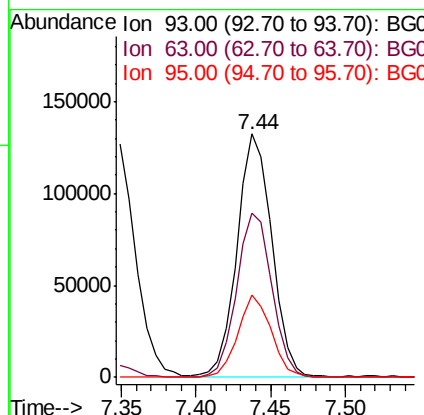
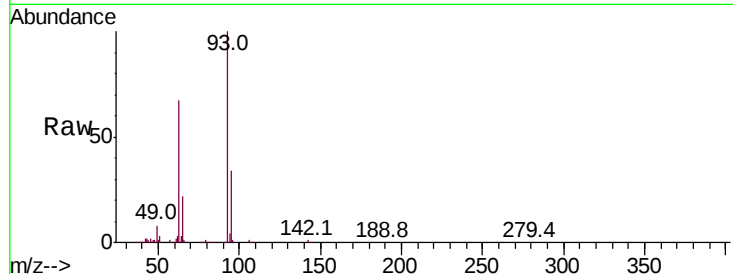




#11
 bis(2-Chloroethyl)ether
 Concen: 45.117 ng
 RT: 7.44 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

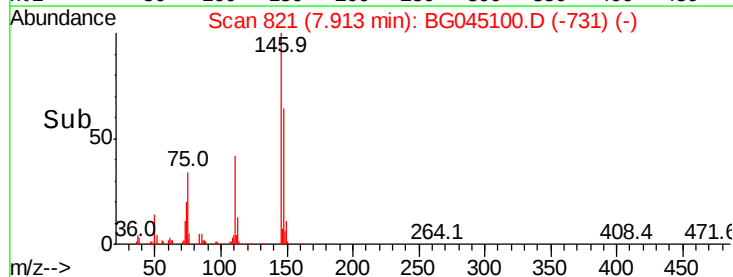
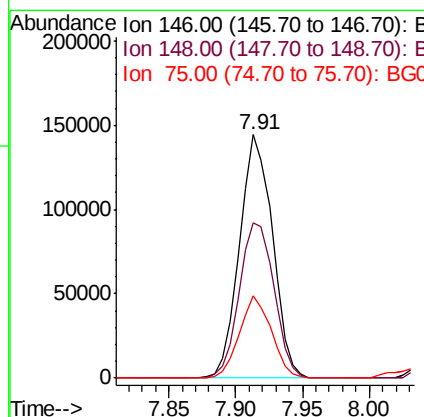
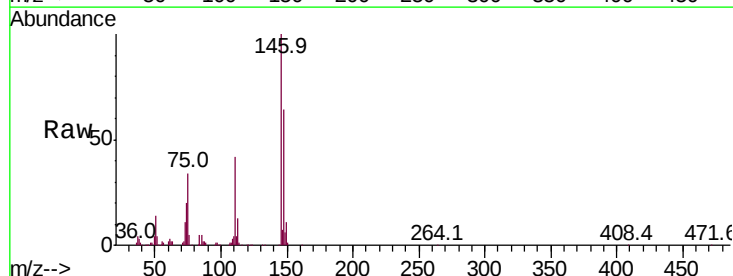
Instrument :
 BNA_G
 ClientSampleId :
 S-2MSD

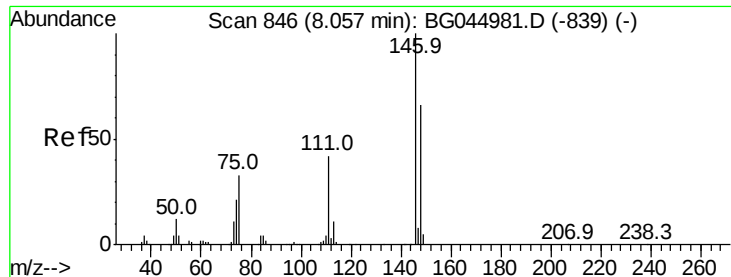
Tot Ion	Ratio	Lower	Upper
93	100		
63	67.5	51.8	91.8
95	34.1	13.8	53.8



#12
 1,3-Dichlorobenzene
 Concen: 48.890 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	54.6	81.8
75	33.8	26.0	39.0

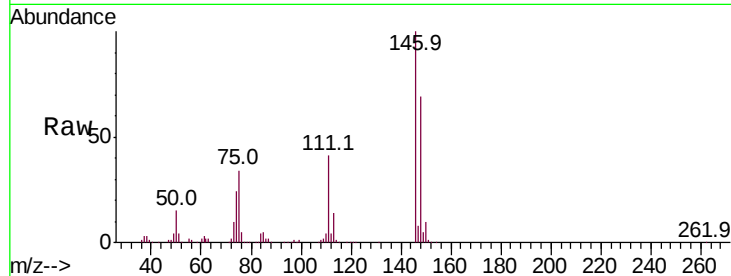




#13
 1,4-Dichlorobenzene
 Concen: 48.232 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :
 S-2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.4	53.3	79.9
111	40.8	33.8	50.8

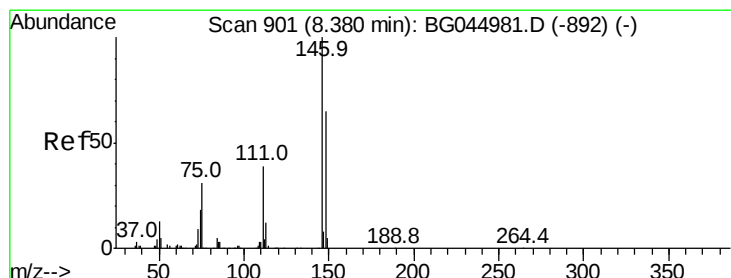
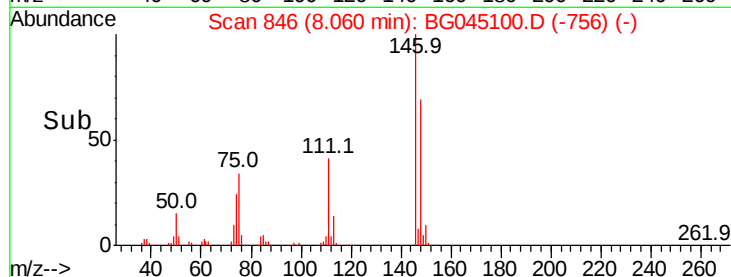
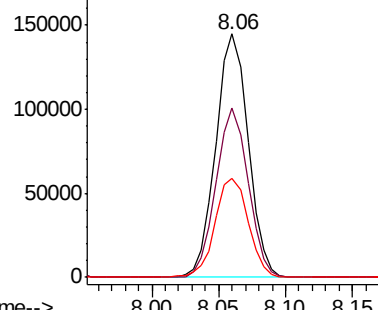


Abundance

Ion 146.00 (145.70 to 146.70): E

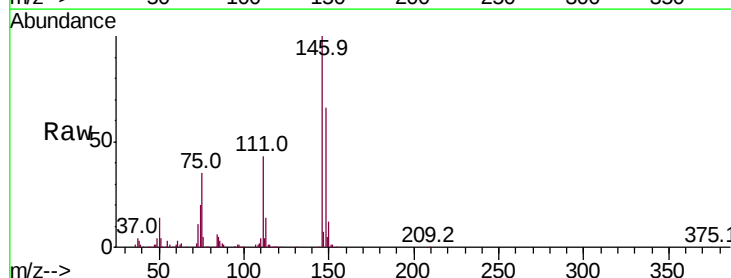
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 49.362 ng
 RT: 8.38 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.9	77.9
111	43.1	31.3	46.9

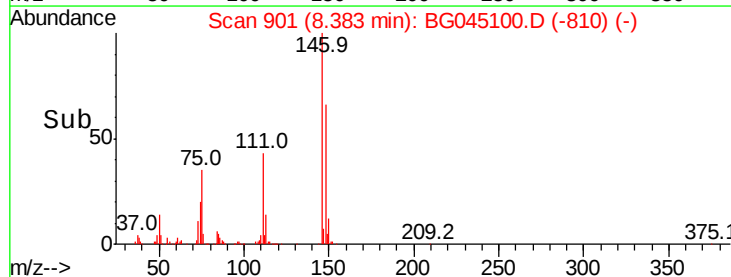
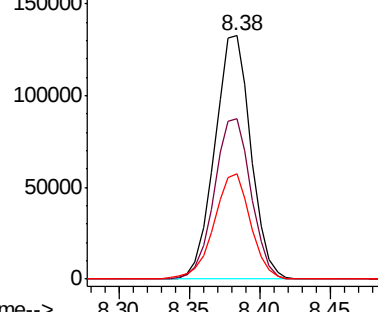


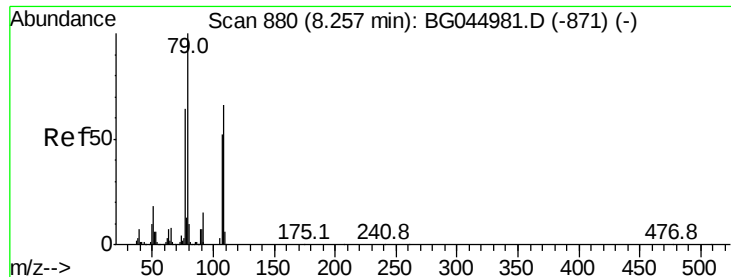
Abundance

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: 50.134 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

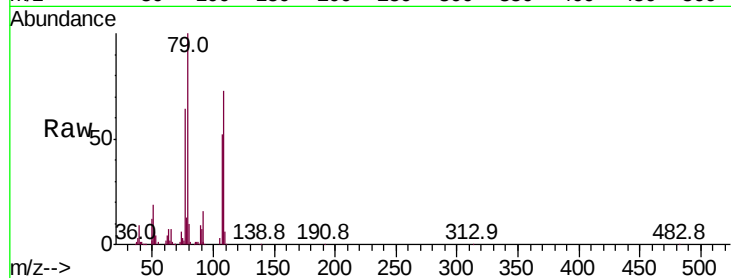
BNA_G

ClientSampleId :

S-2MSD

Tot Ion: 79 Resp: 249227

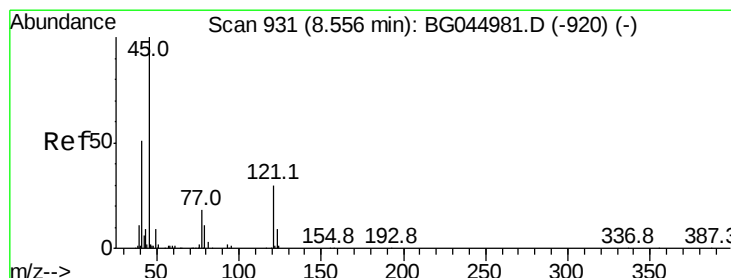
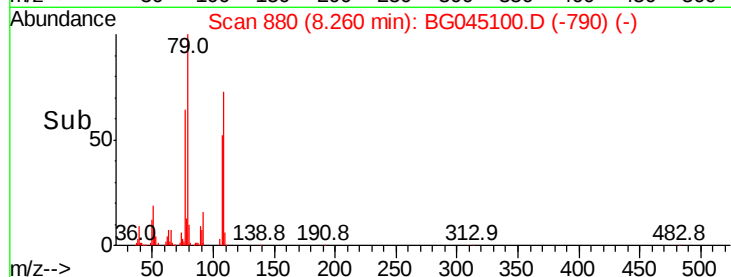
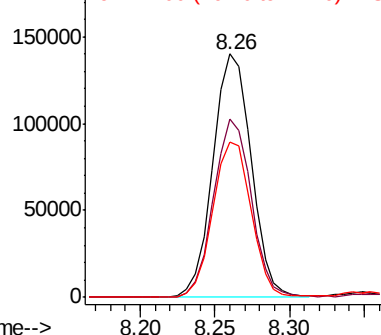
Ion	Ratio	Lower	Upper
79	100		
108	73.1	52.7	79.1
77	64.0	51.3	76.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.067 ng

RT: 8.55 min Scan# 930

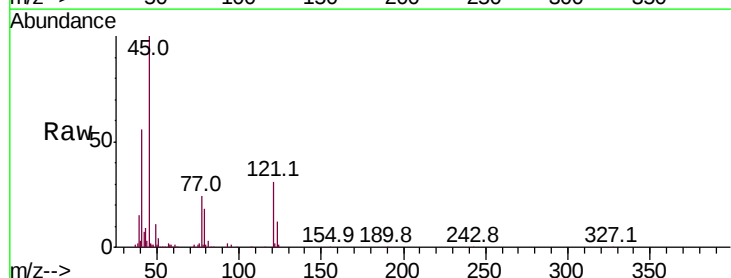
Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tgt Ion: 45 Resp: 199711

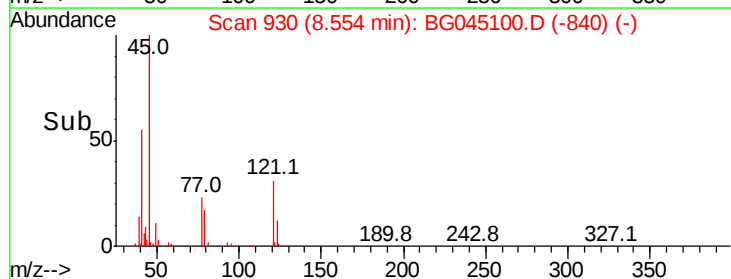
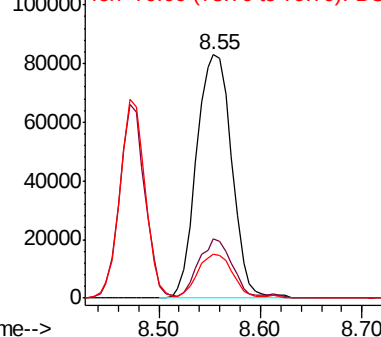
Ion	Ratio	Lower	Upper
45	100		
77	24.2	1.9	41.9
79	18.1	0.0	35.5

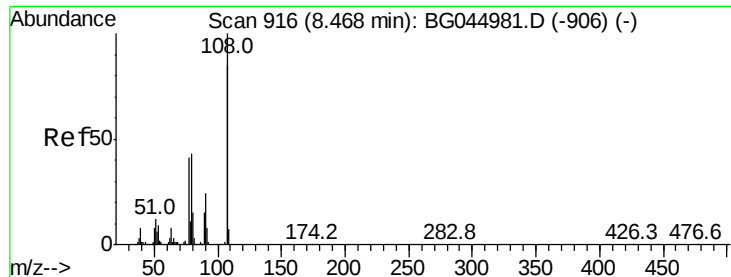


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 48.948 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampleId :

S-2MSD

Tot Ion:107 Resp: 224079

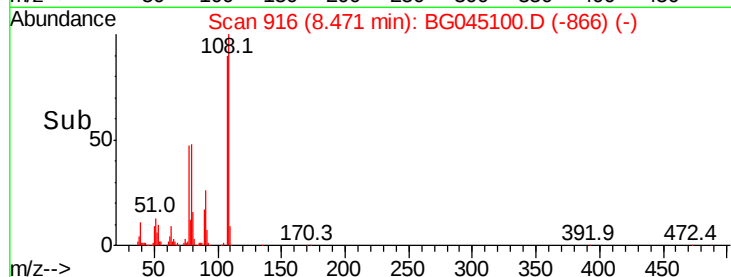
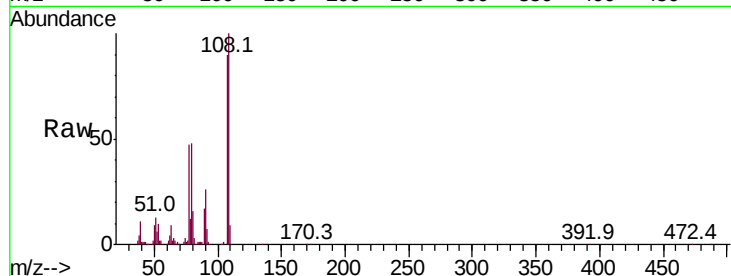
Ion Ratio Lower Upper

107 100

108 111.0 93.8 140.6

77 52.0 38.5 57.7

79 53.5 40.1 60.1



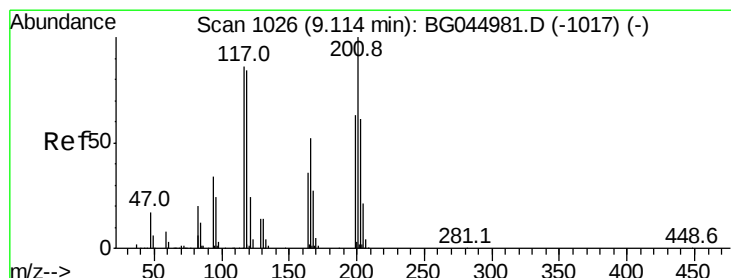
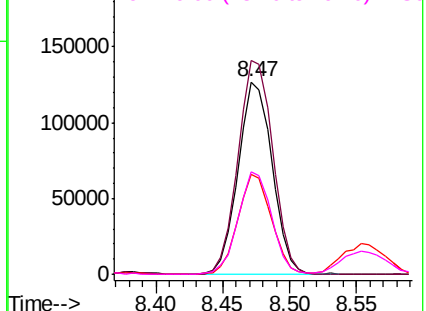
Abundance

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: 49.722 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

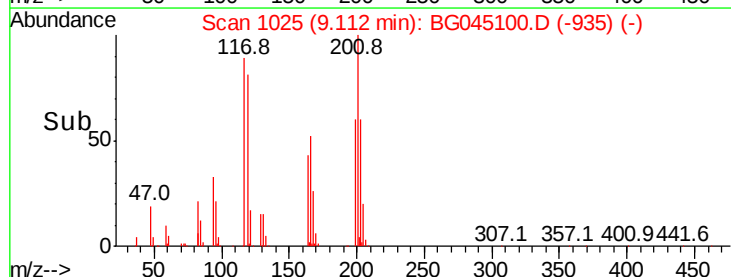
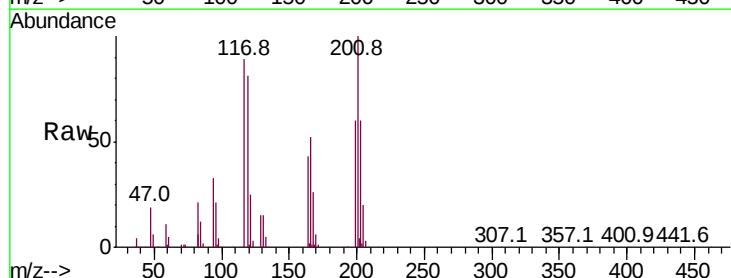
Tgt Ion:117 Resp: 94135

Ion Ratio Lower Upper

117 100

119 91.4 78.3 117.5

201 112.5 92.9 139.3

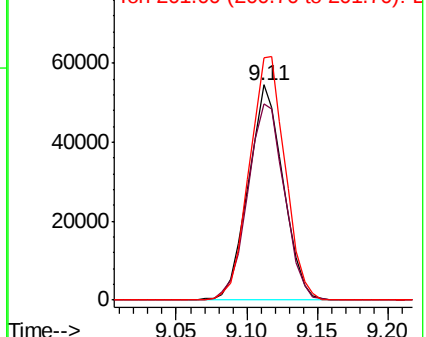


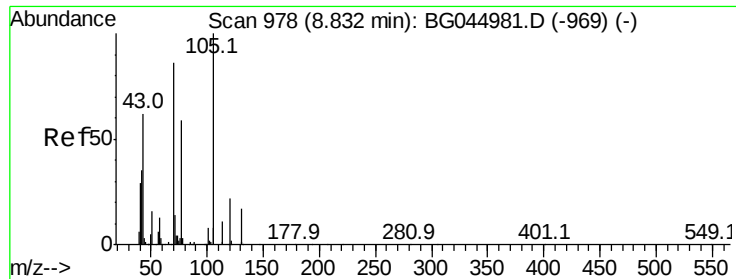
Abundance

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

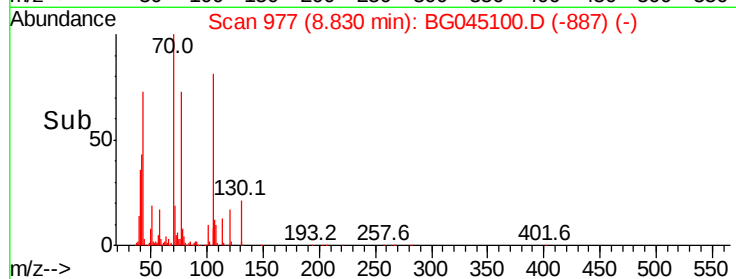
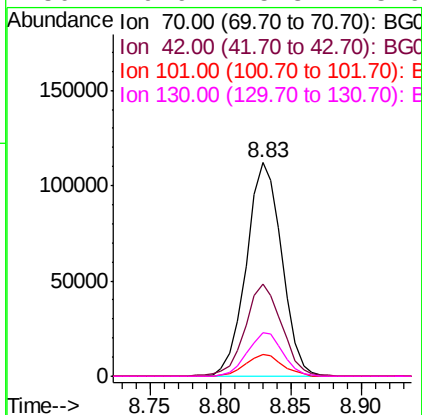
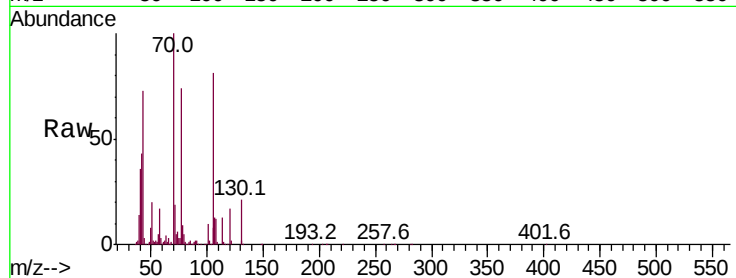




#19
n-Nitroso-di-n-propylamine
Concen: 46.786 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

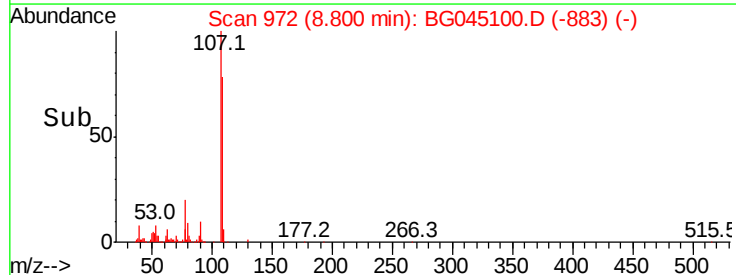
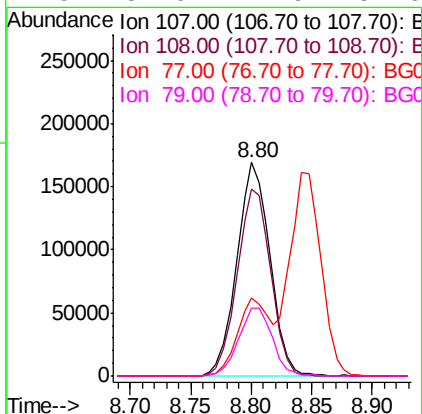
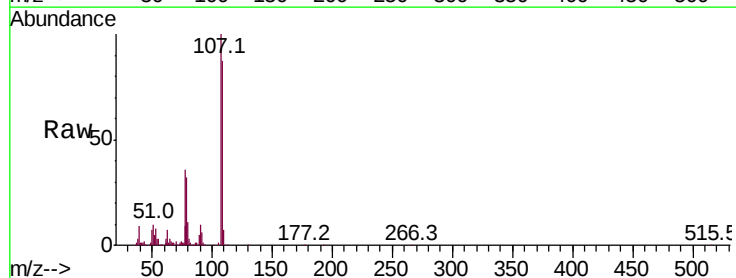
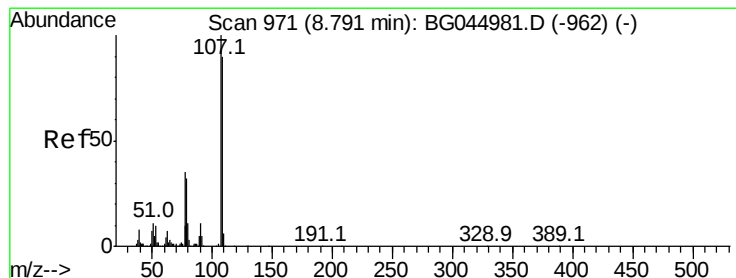
Instrument :
BNA_G
ClientSampleId :
S-2MSD

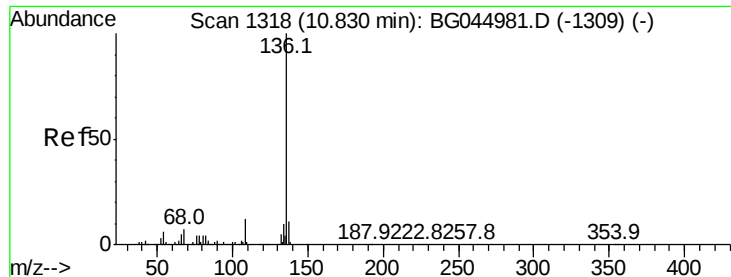
Tot Ion:	70	Resp:	196183
Ion	Ratio	Lower	Upper
70	100		
42	43.0	33.3	49.9
101	9.9	7.8	11.8
130	20.6	15.8	23.6



#20
3+4-Methylphenols
Concen: 50.294 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion:	107	Resp:	322266
Ion	Ratio	Lower	Upper
107	100		
108	87.3	69.9	109.9
77	36.3	15.2	55.2
79	31.9	11.6	51.6

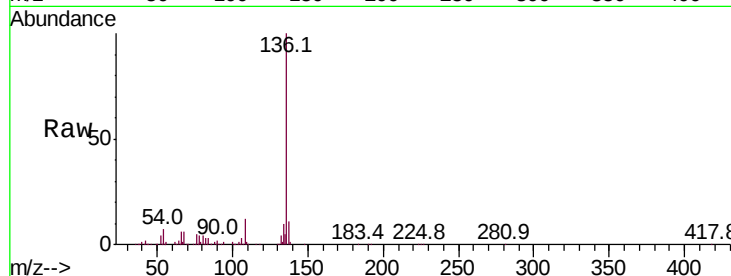




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Tot Ion:136	Resp: 286585
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 6.8	4.8 7.2
68 6.0	5.2 7.8



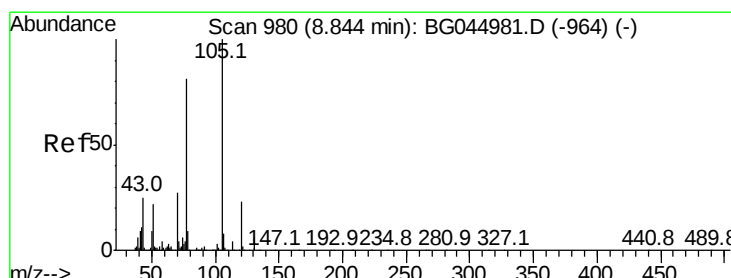
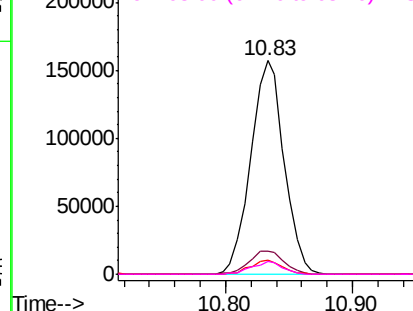
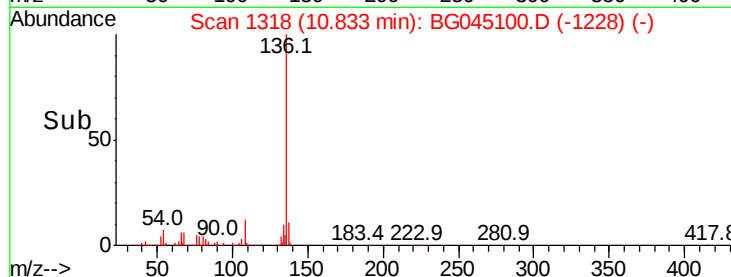
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

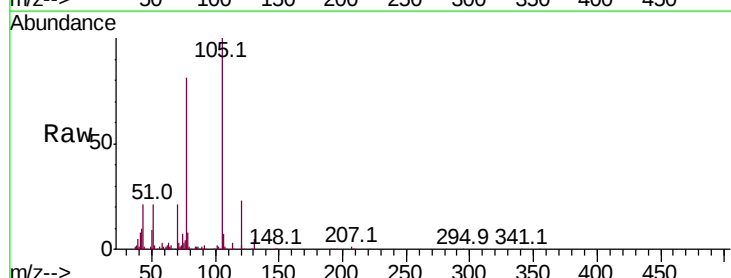
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 46.769 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion:105	Resp:	362460	
Ion Ratio	Lower	Upper	
105 100			
71 3.3	3.3	4.9	
51 21.2	17.3	25.9	
120 23.1	18.4	27.6	



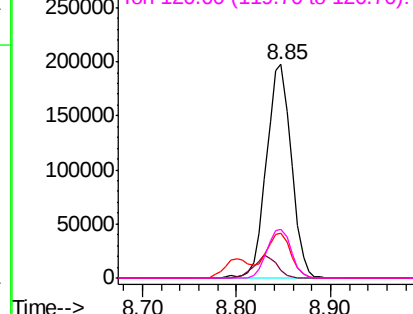
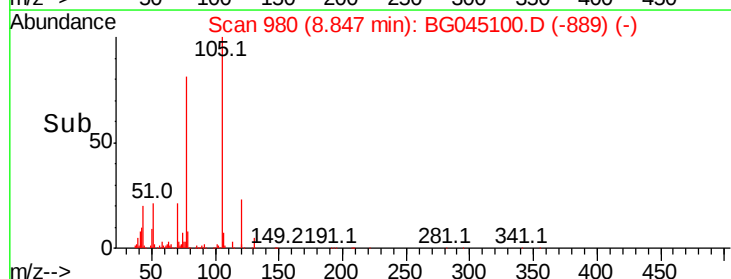
Abundance

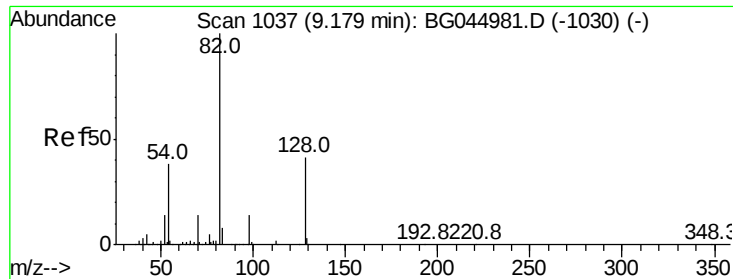
Ion 105.00 (104.70 to 105.70): E

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

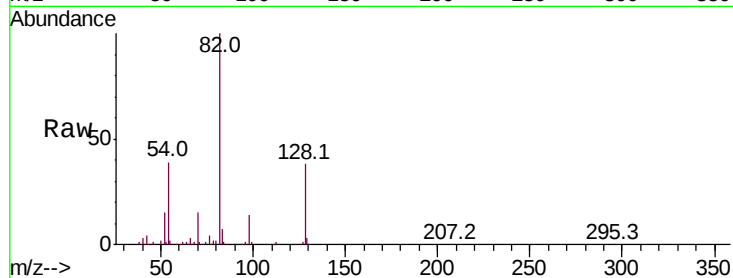




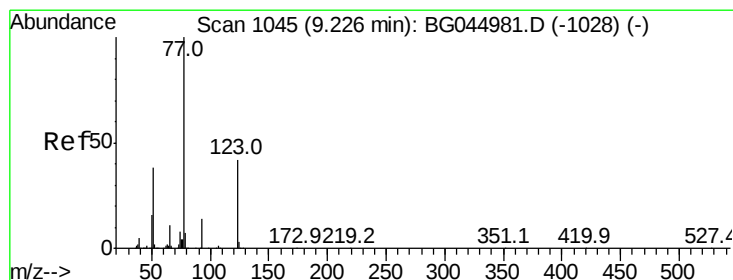
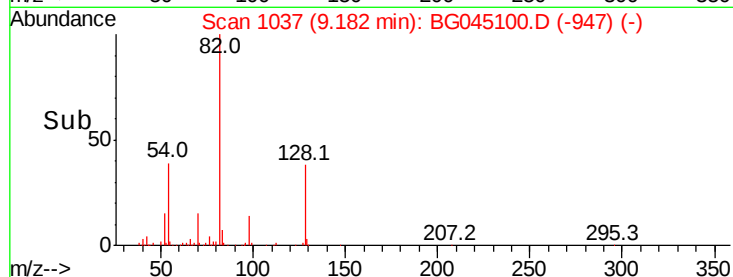
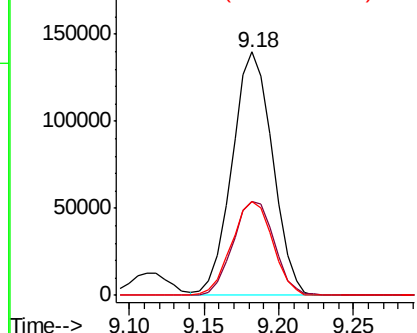
#23
 Nitrobenzene-d5
 Concen: 42.001 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :
 S-2MSD

Tot Ion	82	Resp	263800
Ion	Ratio	Lower	Upper
82	100		
128	38.4	33.0	49.4
54	38.7	30.4	45.6

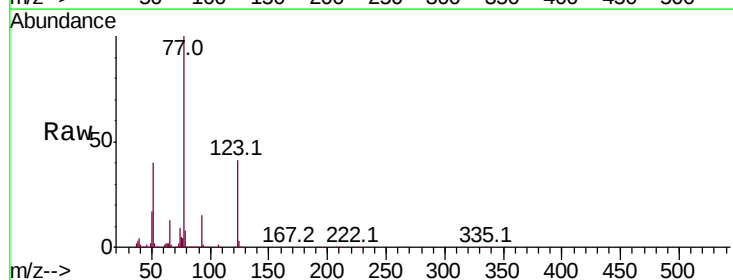


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

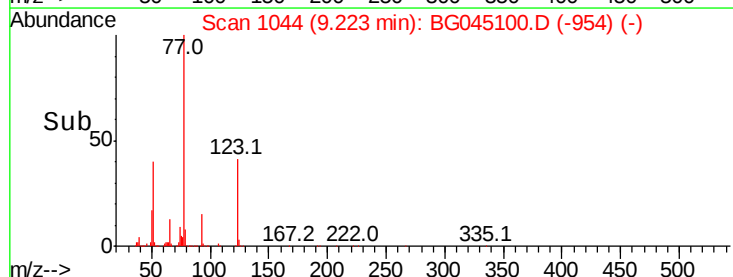
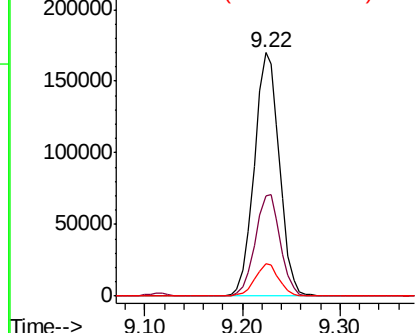


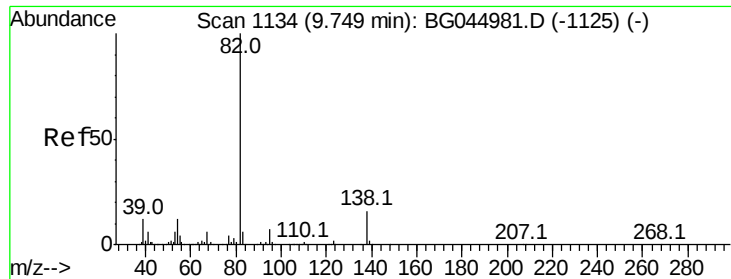
#24
 Nitrobenzene
 Concen: 47.615 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Tgt Ion	77	Resp	306549
Ion	Ratio	Lower	Upper
77	100		
123	41.3	34.3	51.5
65	13.3	8.9	13.3



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





#25

Isophorone

Concen: 44.239 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampleId :

S-2MSD

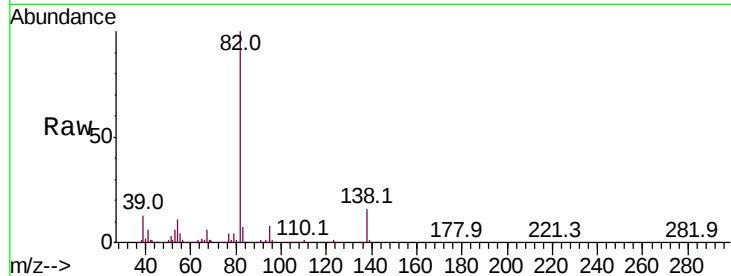
Tot Ion: 82 Resp: 569008

Ion Ratio Lower Upper

82 100

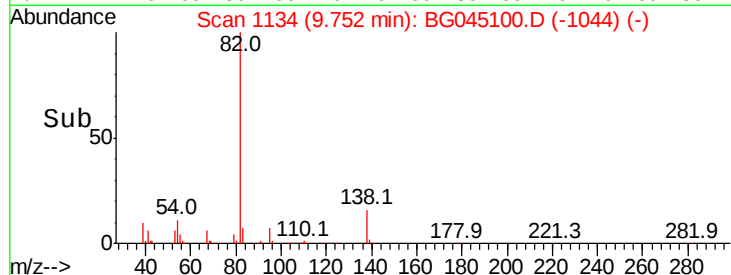
95 7.5 6.0 9.0

138 16.5 12.7 19.1

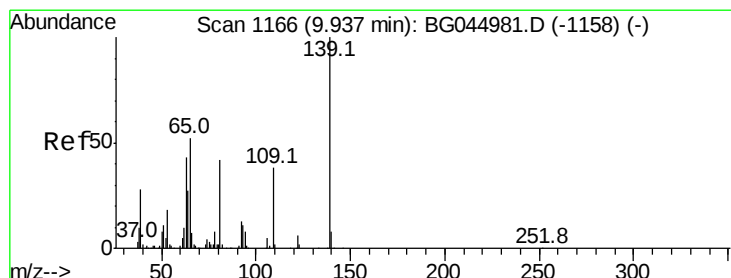


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

9.75



Time-->



#26

2-Nitrophenol

Concen: 53.642 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

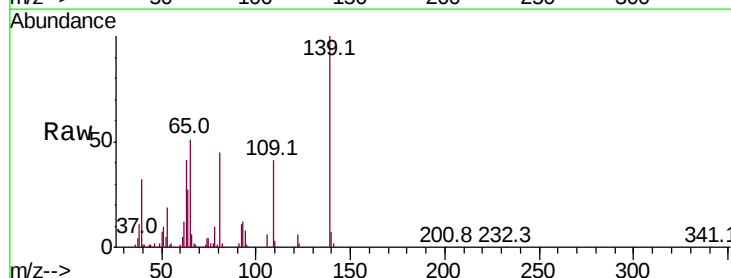
Tgt Ion: 139 Resp: 148759

Ion Ratio Lower Upper

139 100

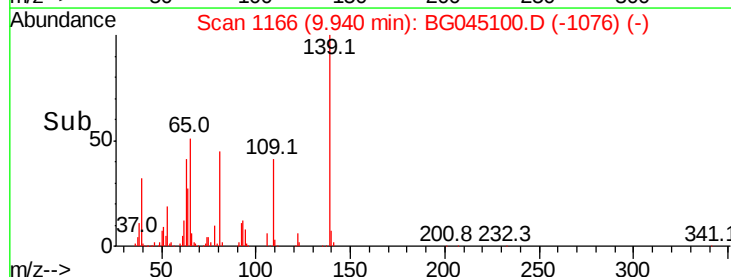
109 41.0 30.6 45.8

65 51.0 41.8 62.6

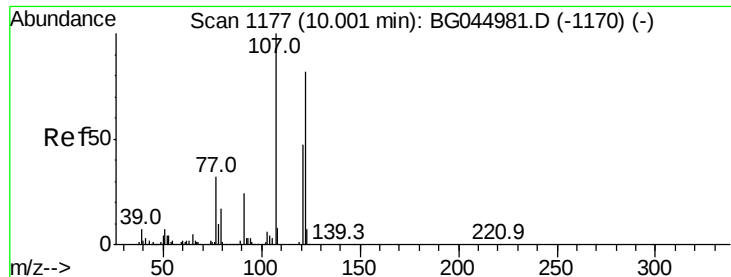


Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

9.94



Time-->



#27

2,4-Dimethylphenol

Concen: 54.932 ng

RT: 10.01 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampleId :

S-2MSD

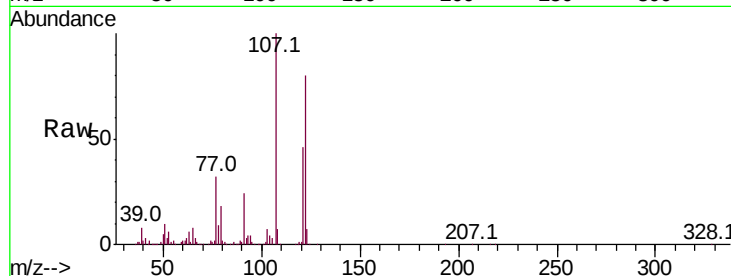
Tot Ion:122 Resp: 241713

Ion Ratio Lower Upper

122 100

107 124.9 96.8 145.2

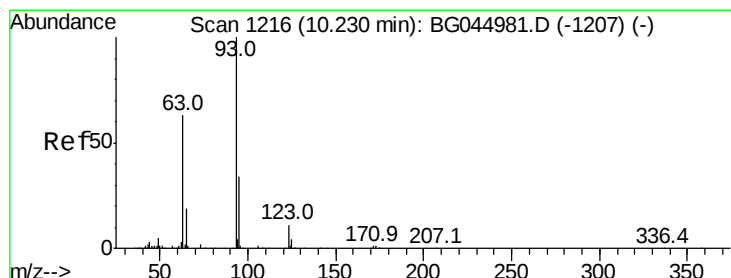
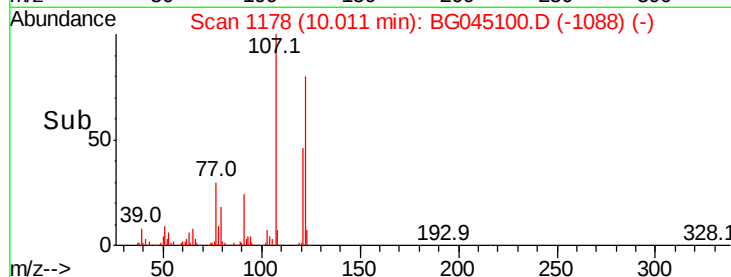
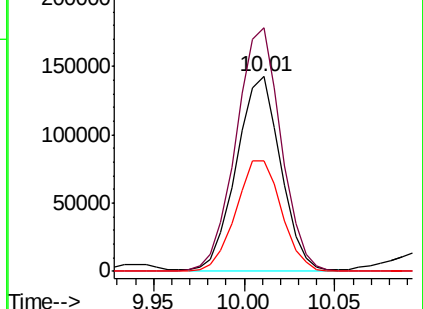
121 56.9 45.6 68.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.710 ng

RT: 10.23 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

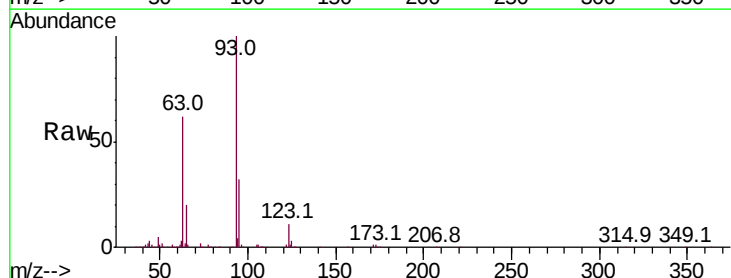
Tgt Ion: 93 Resp: 322424

Ion Ratio Lower Upper

93 100

95 31.6 27.0 40.4

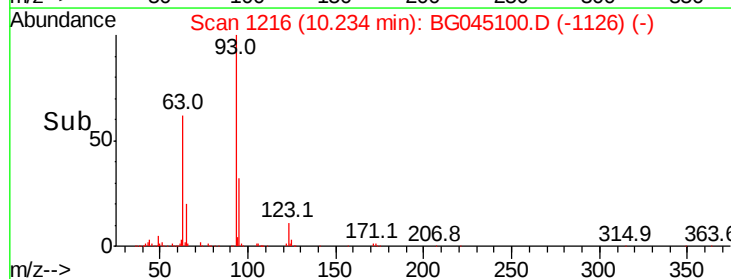
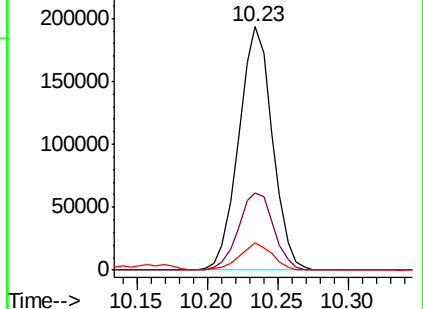
123 11.0 8.7 13.1

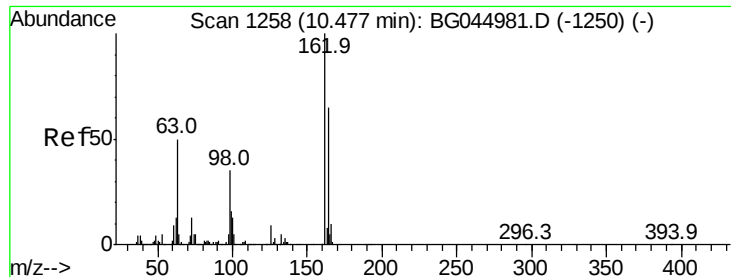


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

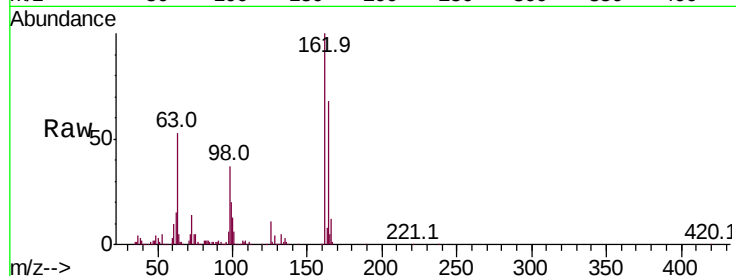




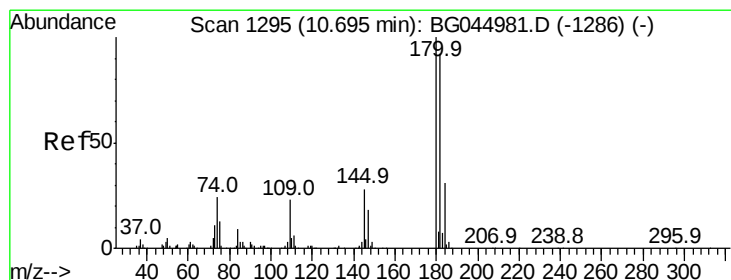
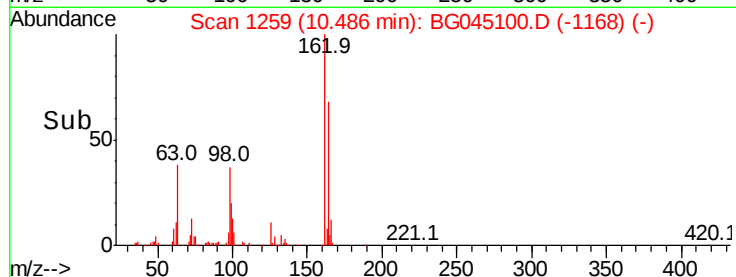
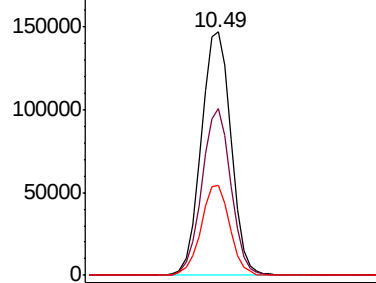
#29
 2,4-Dichlorophenol
 Concen: 54.900 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Instrument :
 BNA_G
 ClientSampleId :
 S-2MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.3	45.0	85.0
98	37.1	15.2	55.2

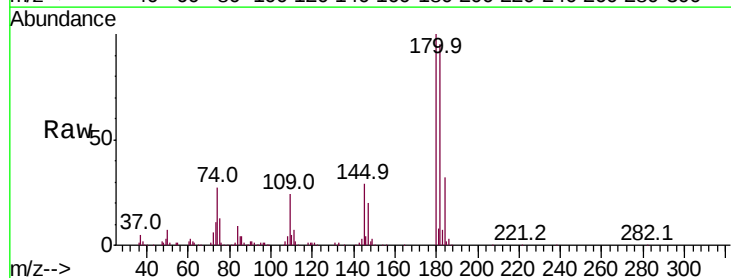


Abundance Ion 162.00 (161.70 to 162.70): E
 200000 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

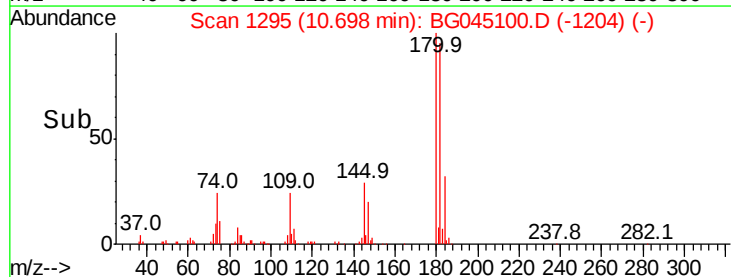
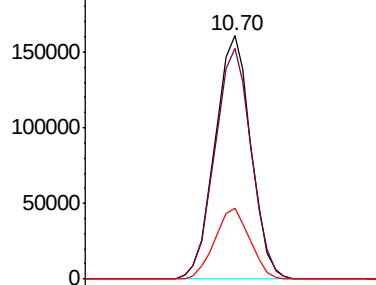


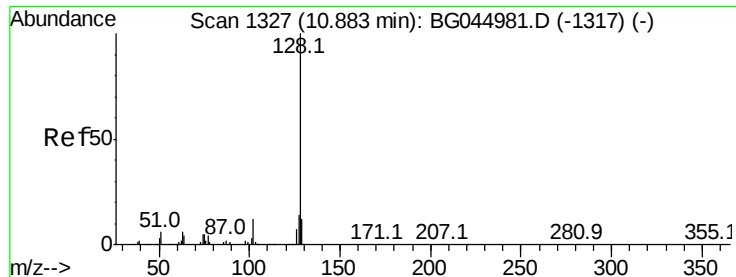
#30
 1,2,4-Trichlorobenzene
 Concen: 49.986 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	73.3	109.9
145	28.9	22.6	33.8



Abundance Ion 180.00 (179.70 to 180.70): E
 200000 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.361 ng

RT: 10.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampleId :

S-2MSD

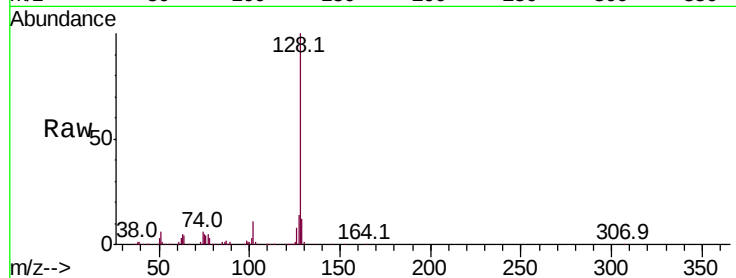
Tot Ion:128 Resp: 773860

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

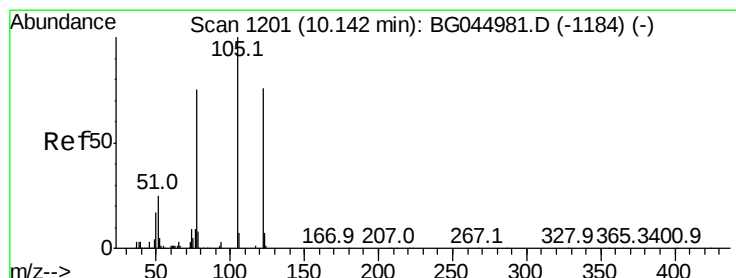
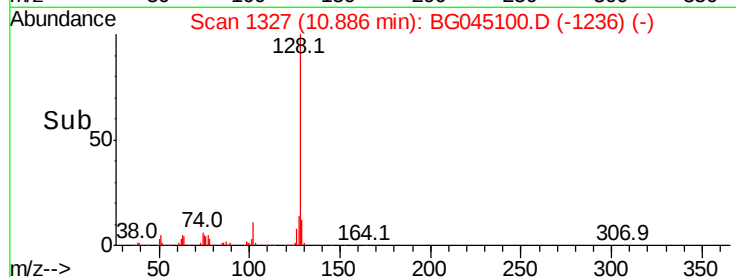
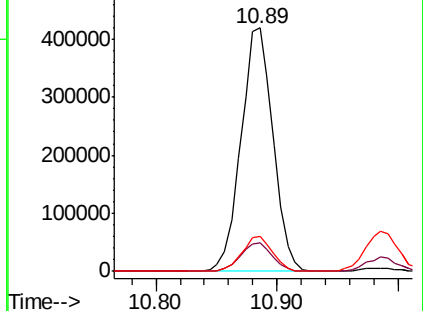
127 14.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.569 ng

RT: 10.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

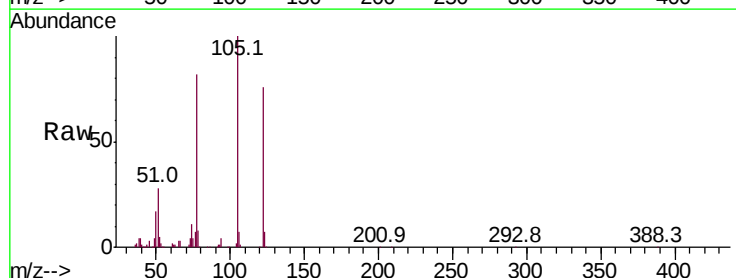
Tgt Ion:122 Resp: 172958

Ion Ratio Lower Upper

122 100

105 132.4 108.4 148.4

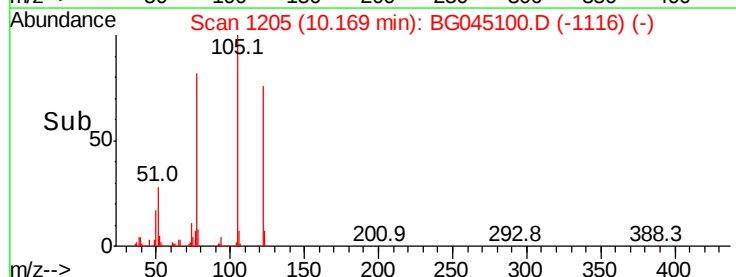
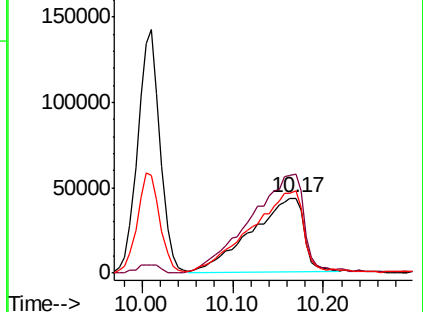
77 109.2 78.8 118.8

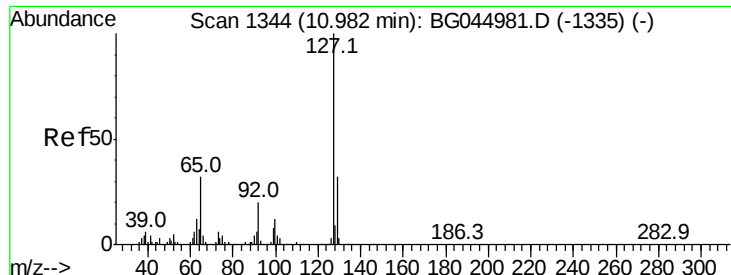


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO

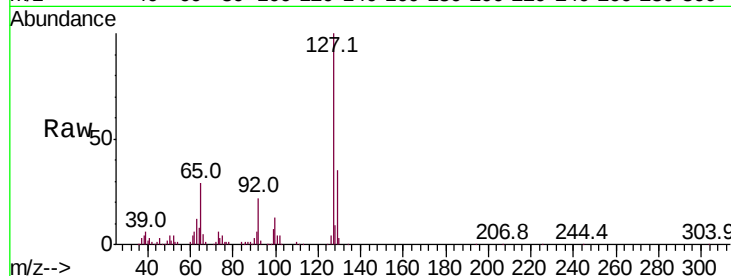




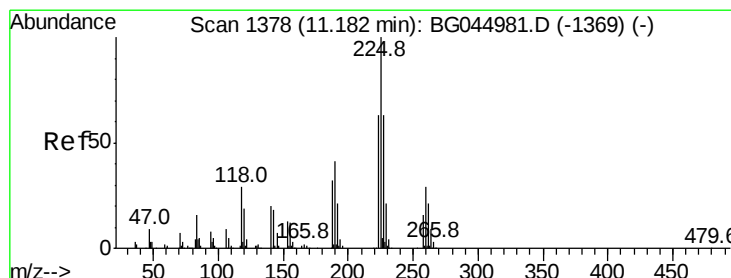
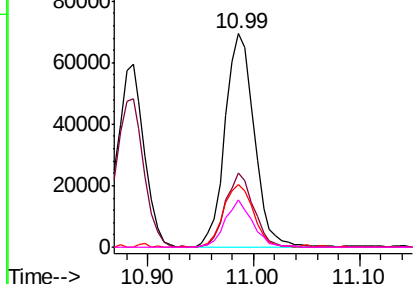
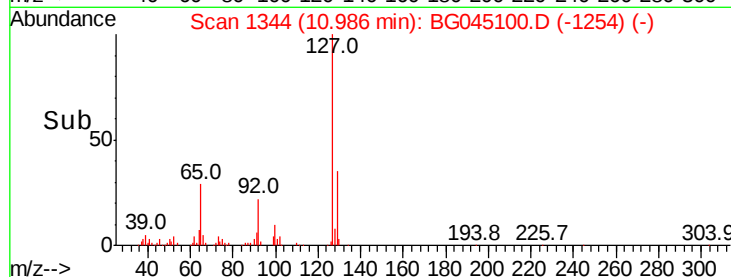
#33
4-Chloroaniline
Concen: 18.210 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Tot Ion:127	Resp:	133140
Ion	Ratio	Lower Upper
127	100	
129	34.6	25.7 38.5
65	29.3	25.4 38.2
92	22.2	16.1 24.1

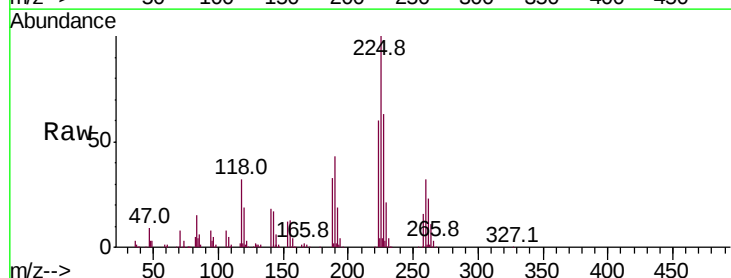


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

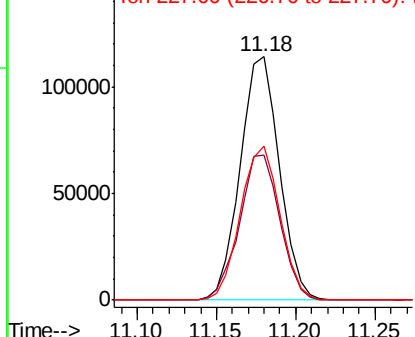
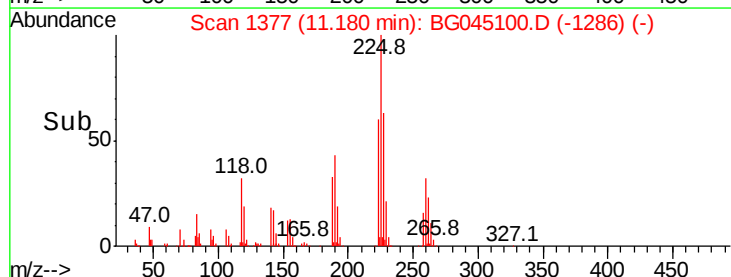


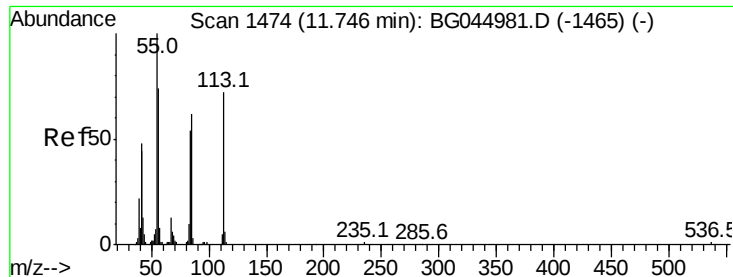
#34
Hexachlorobutadiene
Concen: 49.616 ng
RT: 11.18 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion:225	Resp:	195692
Ion	Ratio	Lower Upper
225	100	
223	59.7	50.7 76.1
227	63.2	50.2 75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.906 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.02 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampleId :

S-2MSD

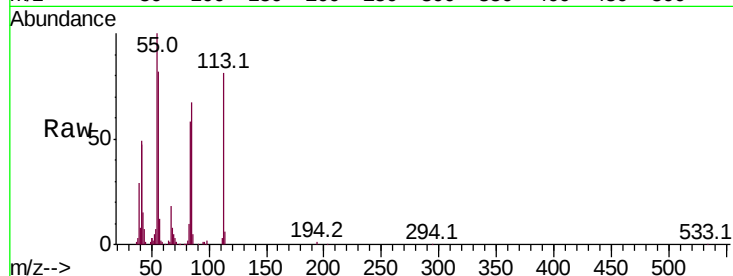
Tot Ion:113 Resp: 68563

Ion Ratio Lower Upper

113 100

55 123.4 118.8 158.8

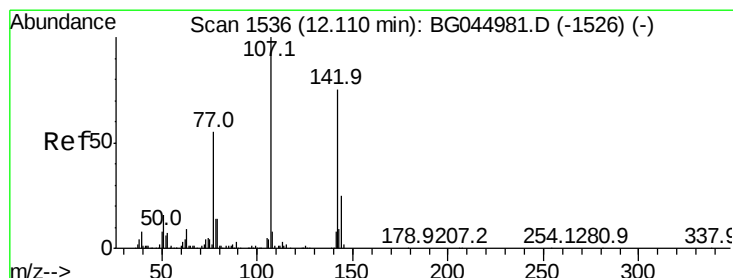
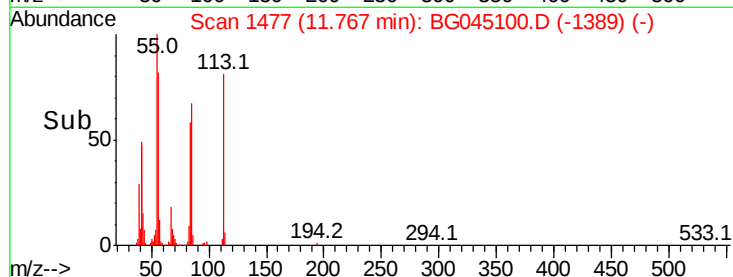
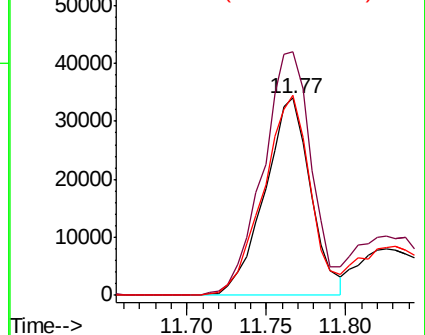
56 101.2 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 52.818 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

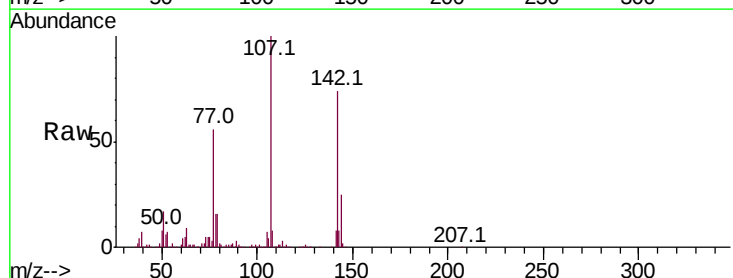
Tgt Ion:107 Resp: 315256

Ion Ratio Lower Upper

107 100

144 24.5 19.8 29.6

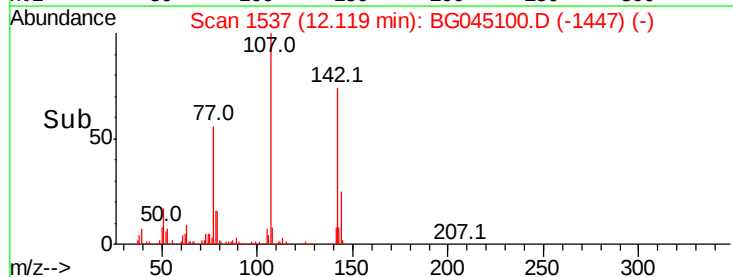
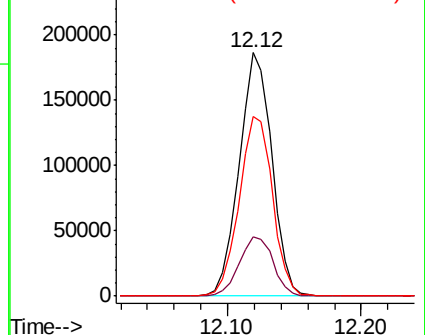
142 73.5 59.7 89.5

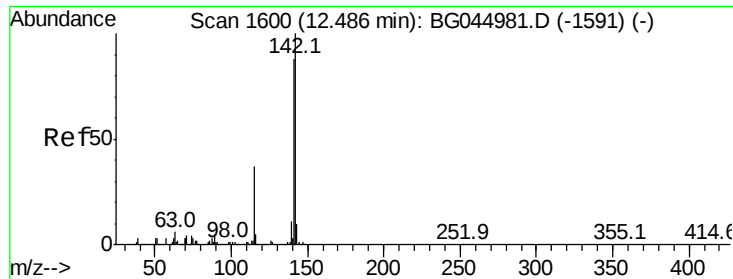


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

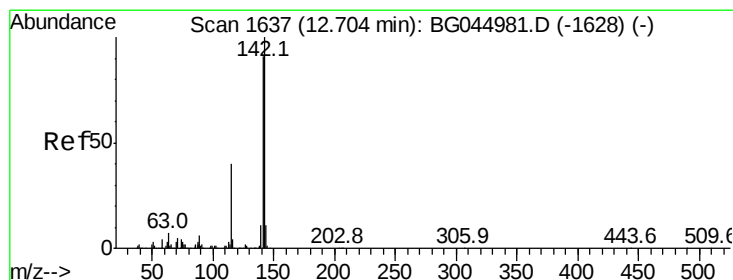
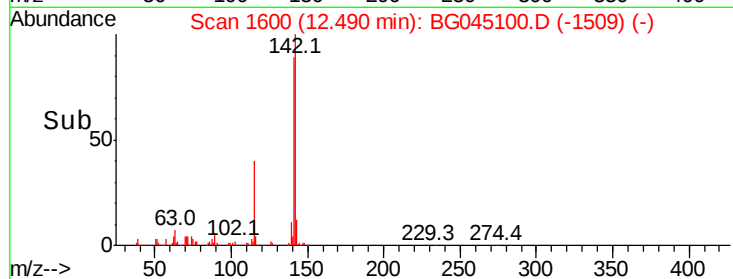
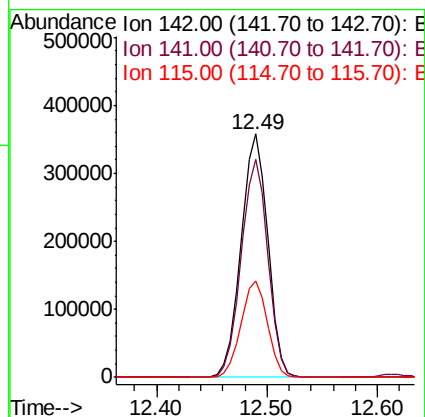
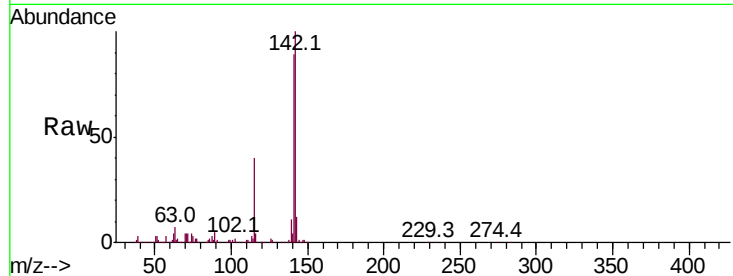




#37
 2-Methylnaphthalene
 Concen: 50.153 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

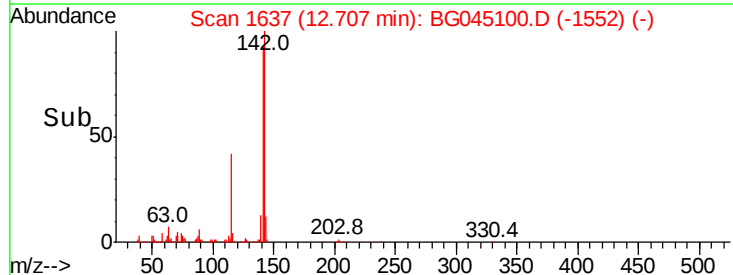
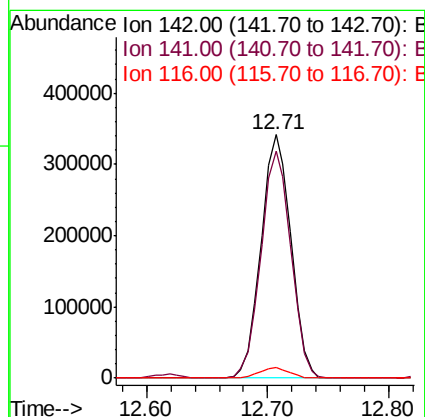
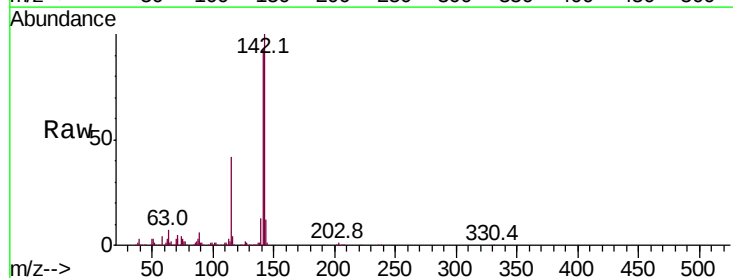
Instrument :
 BNA_G
 ClientSampleId :
 S-2MSD

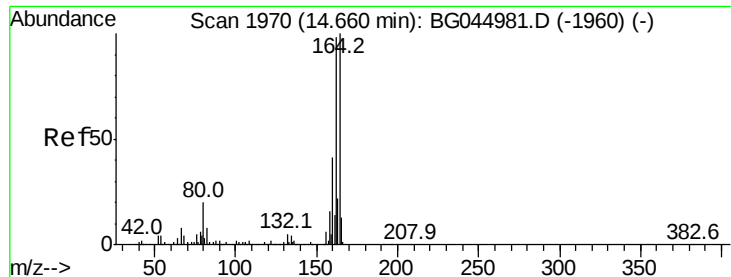
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.3	105.5
115	39.6	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 50.800 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.7	109.1
116	4.4	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampleId :

S-2MSD

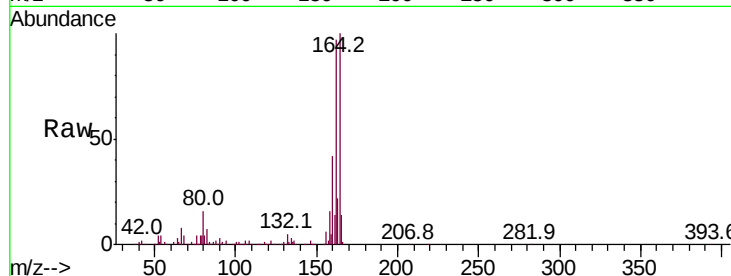
Tot Ion:164 Resp: 220238

Ion Ratio Lower Upper

164 100

162 97.3 78.7 118.1

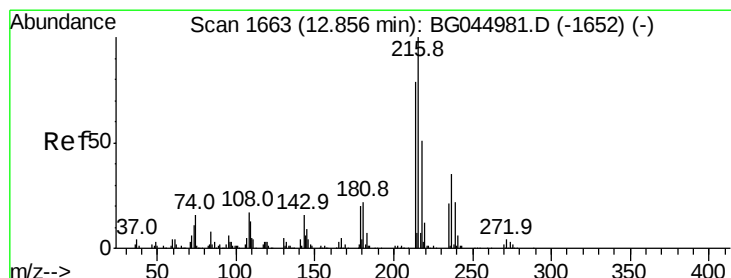
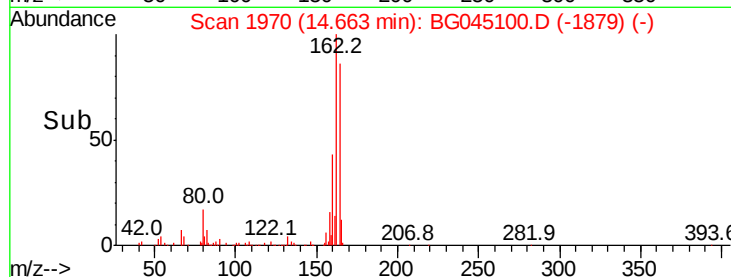
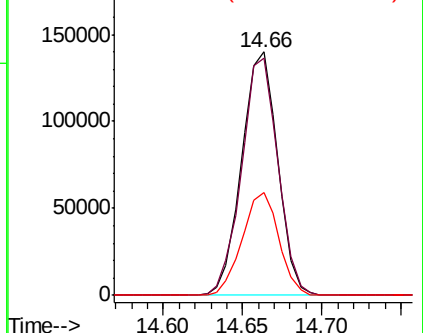
160 42.0 32.8 49.2



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: 49.493 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tgt Ion:216 Resp: 350959

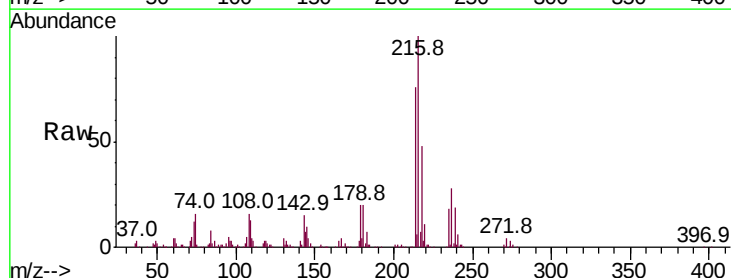
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.6

179 19.9 15.8 23.8

108 17.9 14.2 21.2

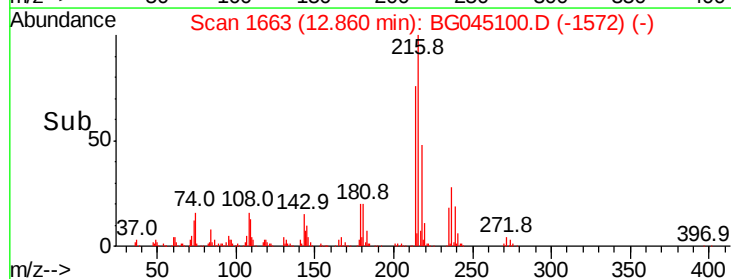
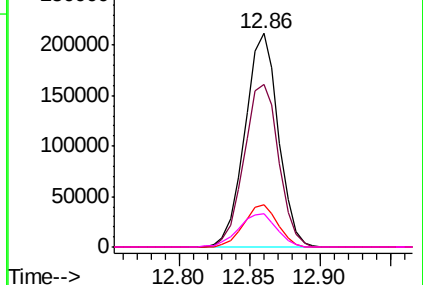


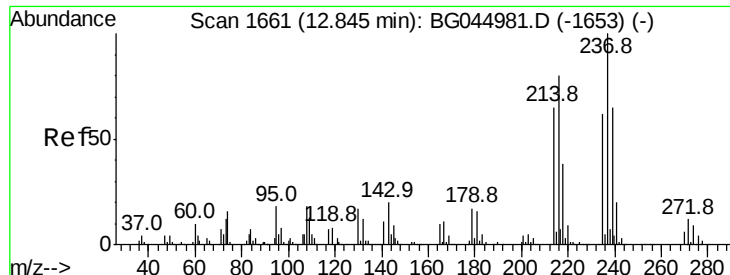
Abundance Ion 216.00 (215.70 to 216.70): E

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

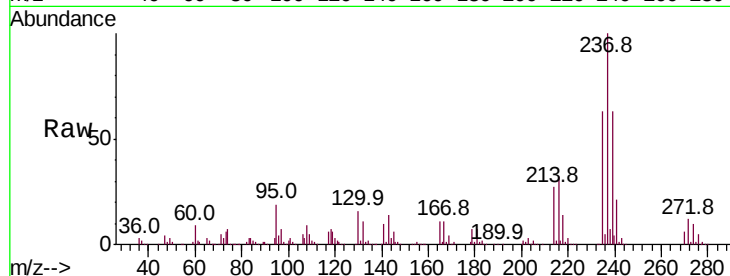




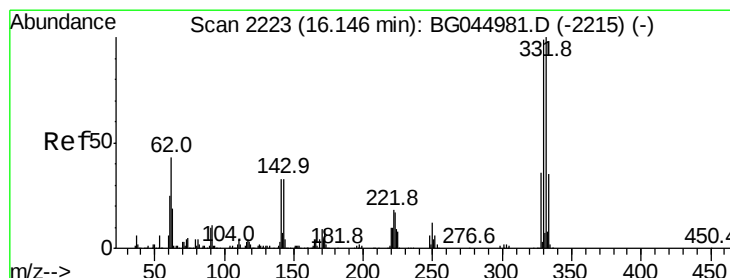
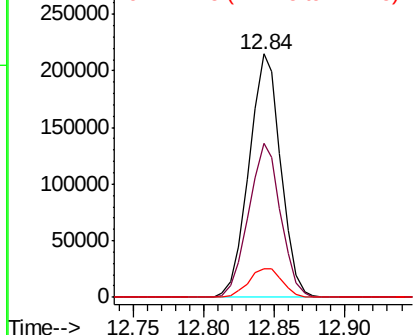
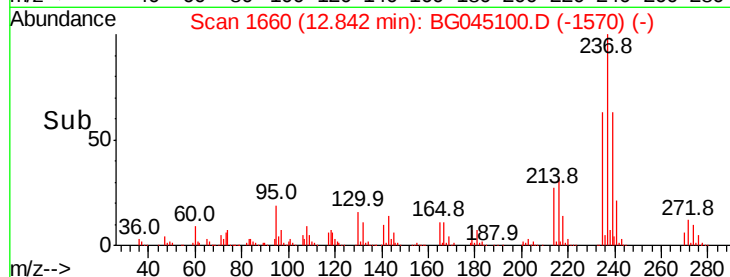
#41
Hexachlorocyclopentadiene
Concen: 76.392 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Tot Ion:237 Resp: 338574
Ion Ratio Lower Upper
237 100
235 63.1 41.6 81.6
272 12.0 0.0 32.1

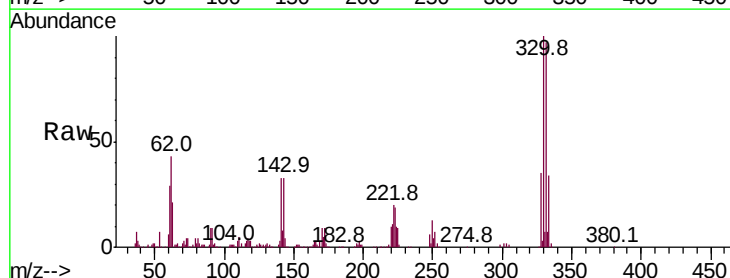


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

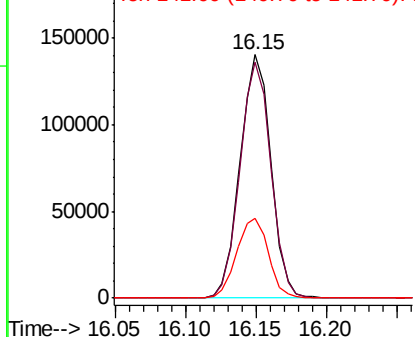
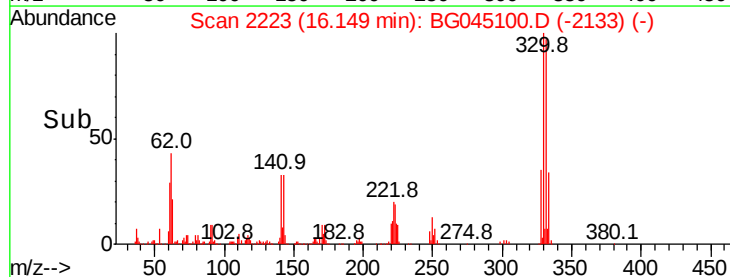


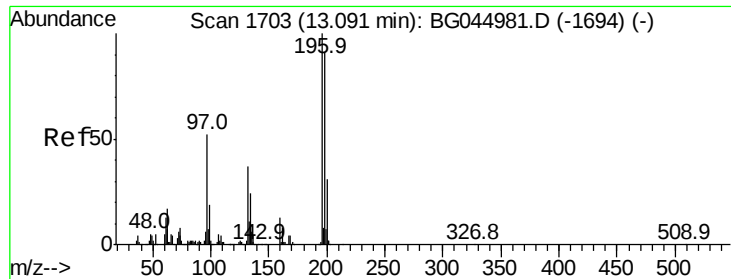
#42
2,4,6-Tribromophenol
Concen: 62.976 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion:330 Resp: 214270
Ion Ratio Lower Upper
330 100
332 97.3 79.1 118.7
141 33.7 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

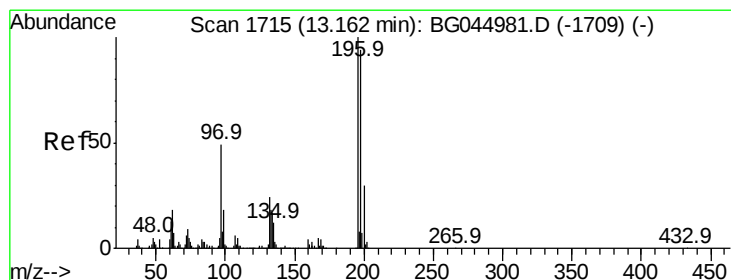
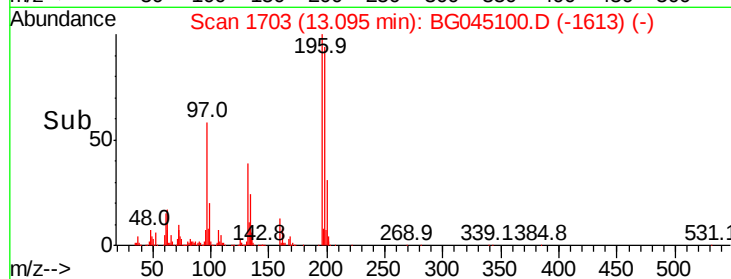
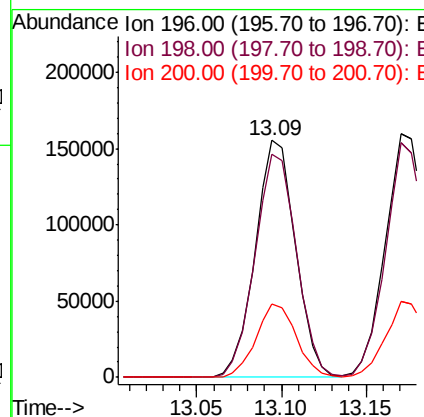
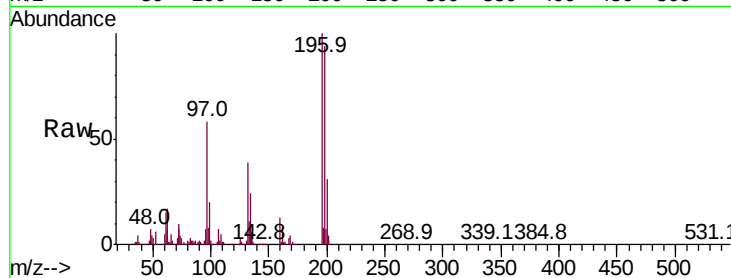




#43
 2,4,6-Trichlorophenol
 Concen: 51.266 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

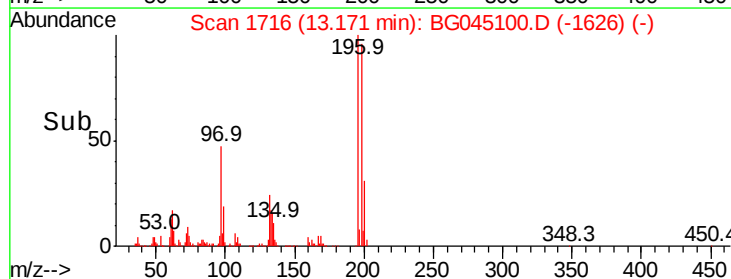
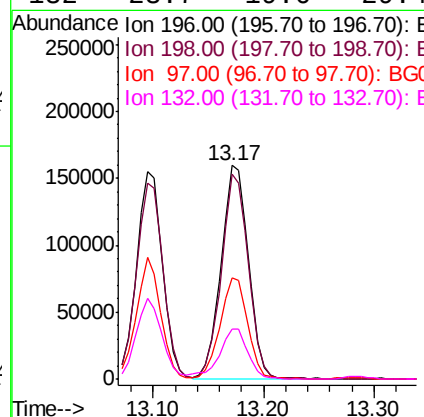
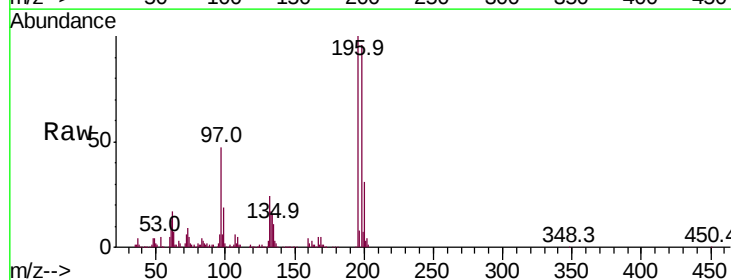
Instrument :
 BNA_G
 ClientSampleId :
 S-2MSD

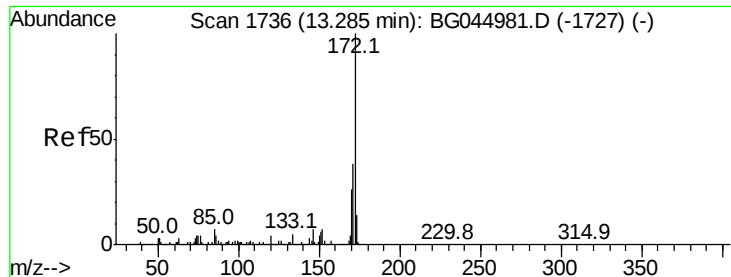
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	72.5	108.7
200	31.2	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 48.233 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG045100.D
 Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.7	113.5
97	47.4	39.6	59.4
132	23.7	19.6	29.4





#45

2-Fluorobiphenyl

Concen: 43.695 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

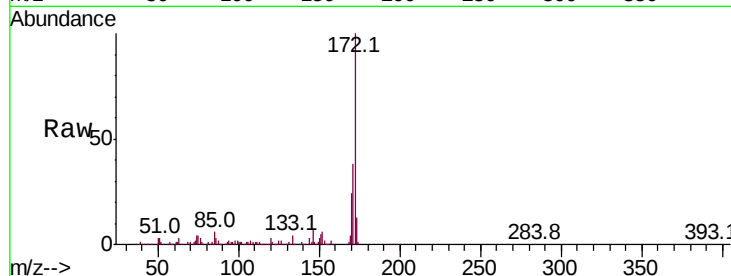
BNA_G

ClientSampleId :

S-2MSD

Tot Ion:172 Resp: 656290

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.6	46.0
170	23.7	20.5	30.7

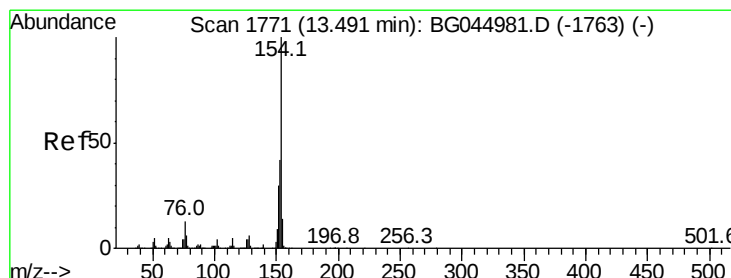
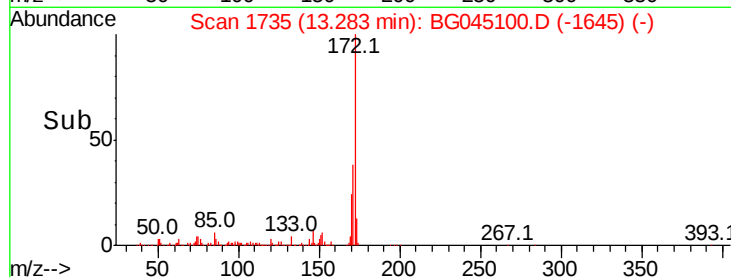
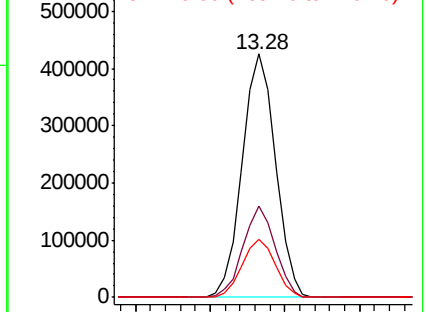


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 47.125 ng

RT: 13.49 min Scan# 1771

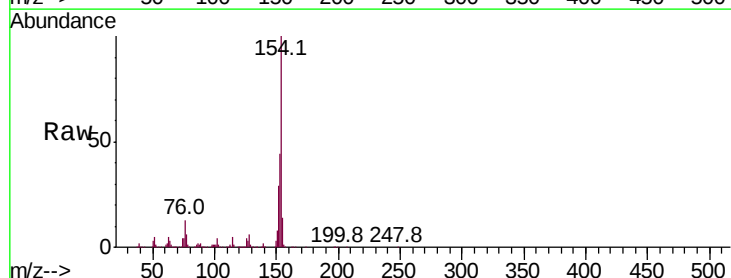
Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tgt Ion:154 Resp: 788852

Ion	Ratio	Lower	Upper
154	100		
153	44.2	21.9	61.9
76	13.0	0.0	33.1

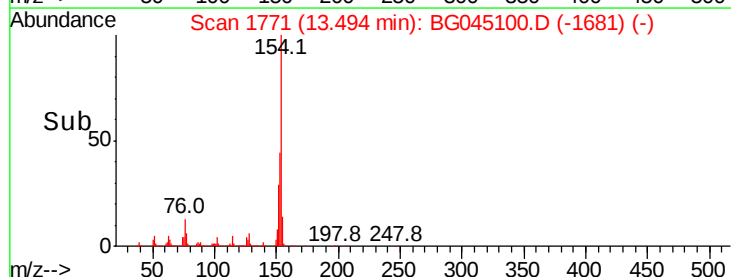
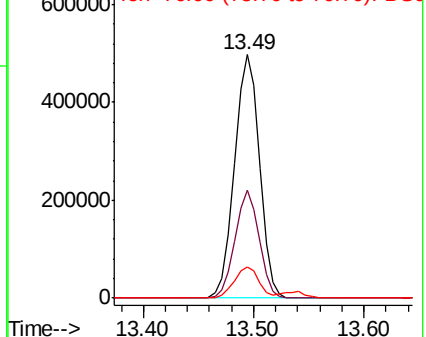


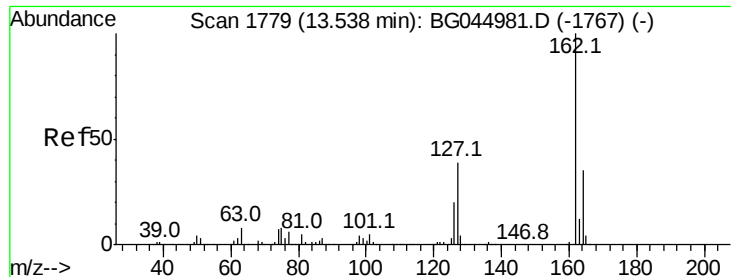
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 48.257 ng

RT: 13.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampleId :

S-2MSD

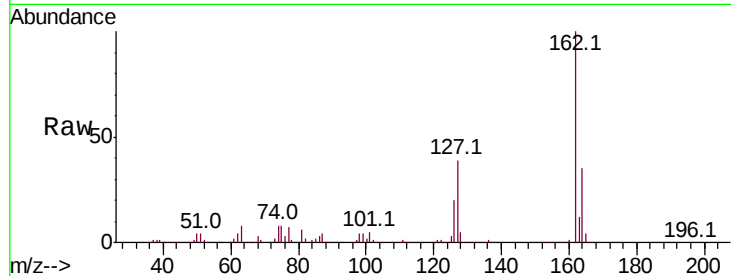
Tot Ion:162 Resp: 617249

Ion Ratio Lower Upper

162 100

127 39.3 31.3 46.9

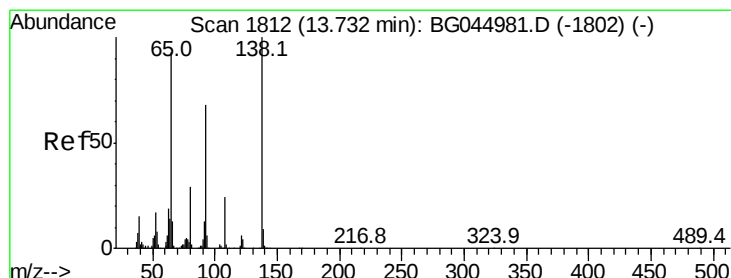
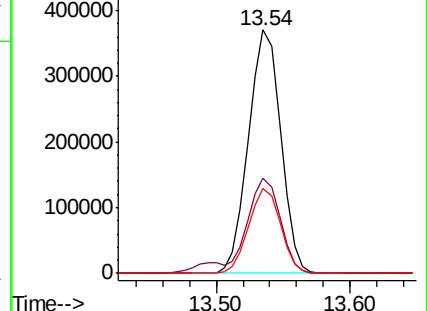
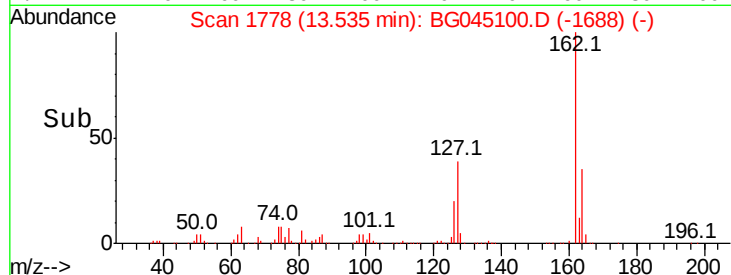
164 34.7 27.8 41.8



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: 45.886 ng

RT: 13.73 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

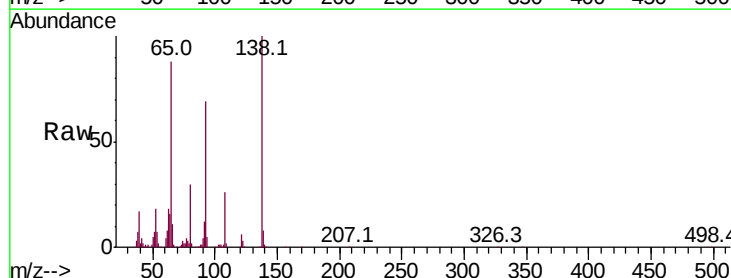
Tgt Ion: 65 Resp: 193105

Ion Ratio Lower Upper

65 100

92 78.1 58.3 87.5

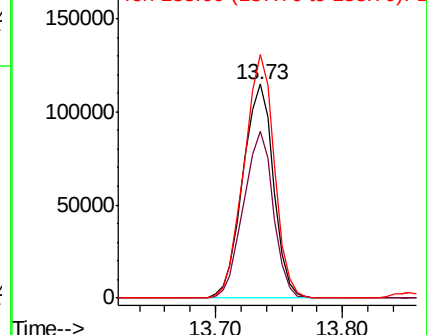
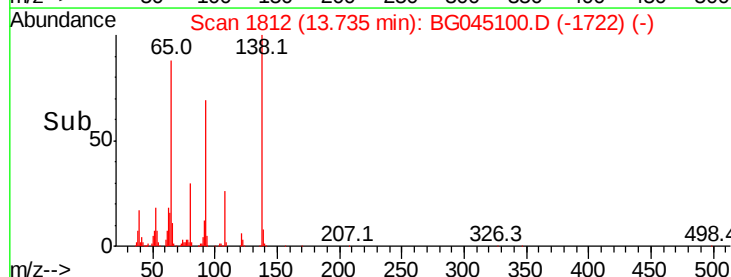
138 113.9 85.6 128.4

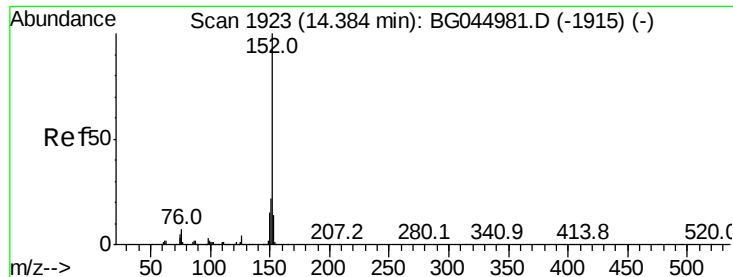


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.844 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampleId :

S-2MSD

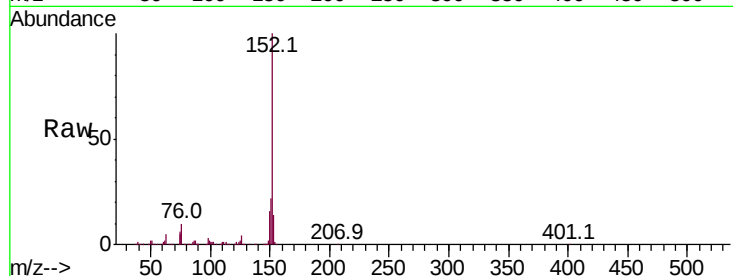
Tot Ion:152 Resp: 996802

Ion Ratio Lower Upper

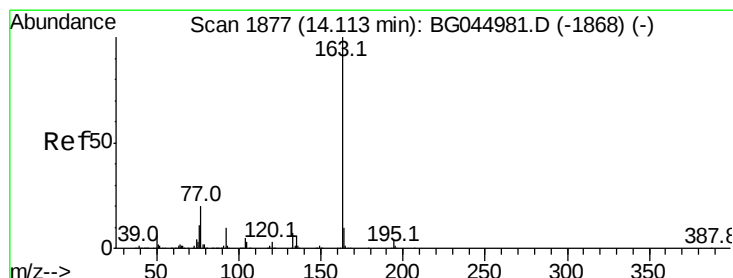
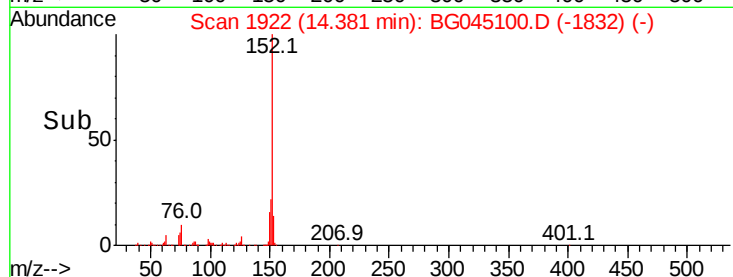
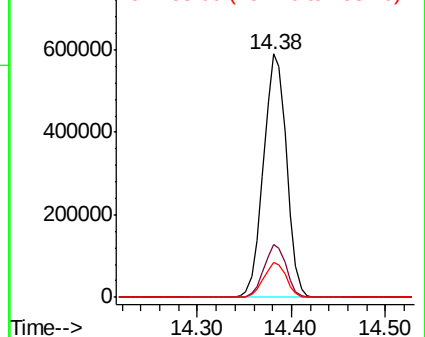
152 100

151 21.7 17.2 25.8

153 14.3 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
800000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.128 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

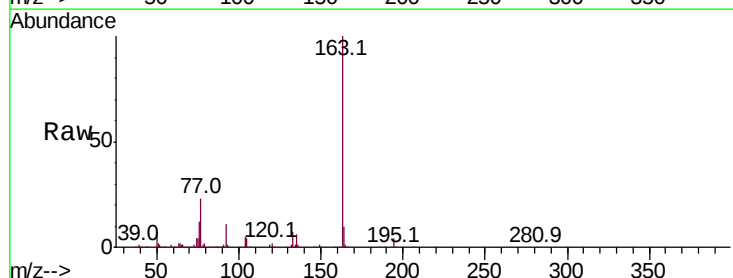
Tgt Ion:163 Resp: 898941

Ion Ratio Lower Upper

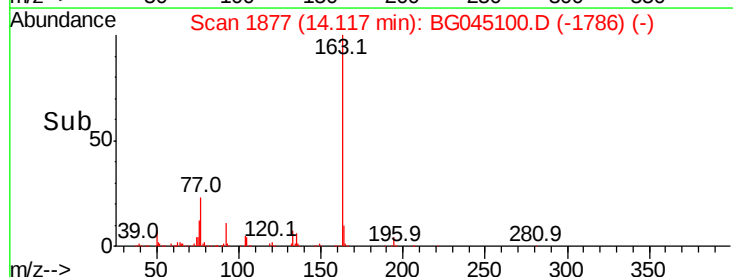
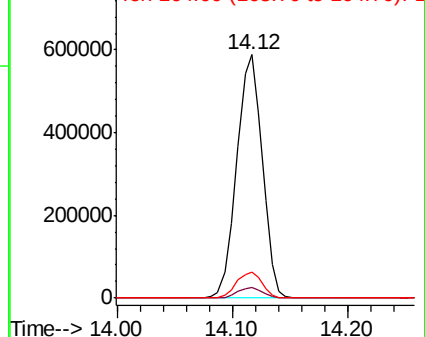
163 100

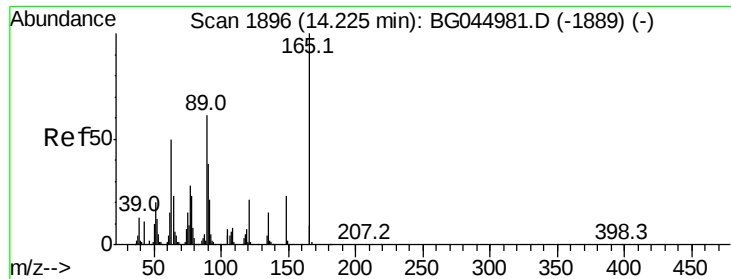
194 4.5 3.5 5.3

164 10.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
800000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

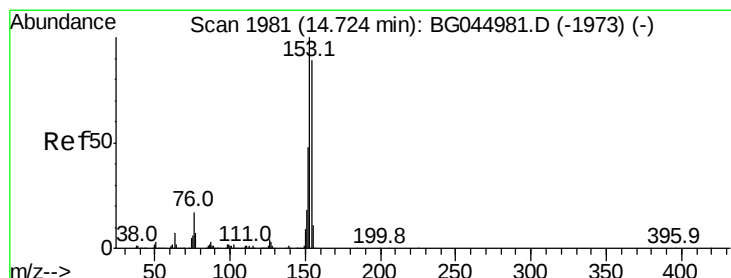
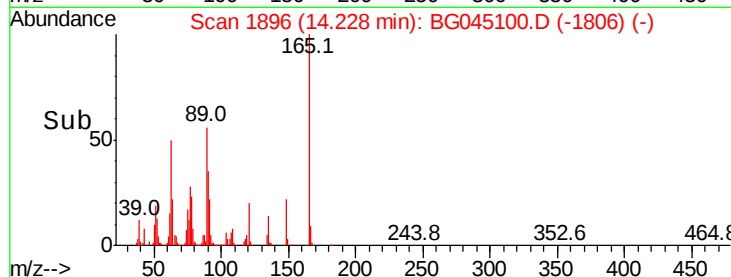
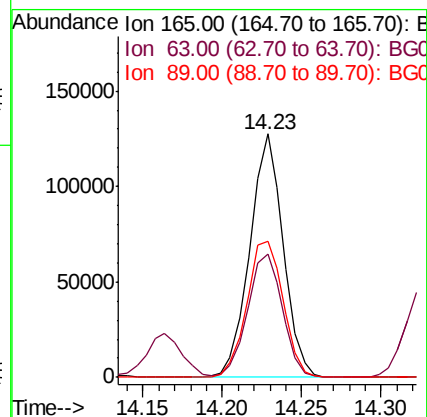
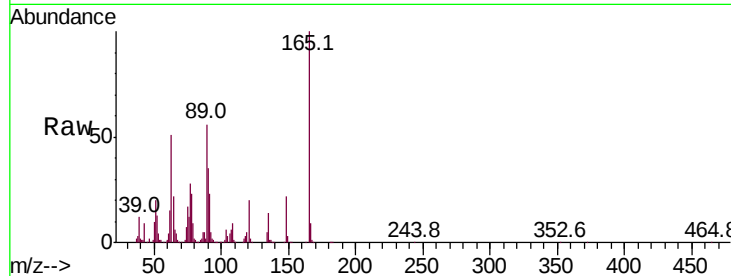




#51
2,6-Dinitrotoluene
Concen: 46.356 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

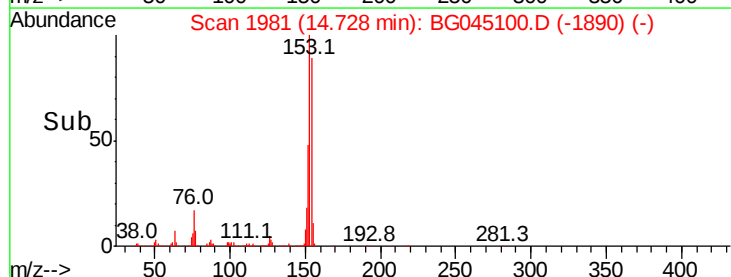
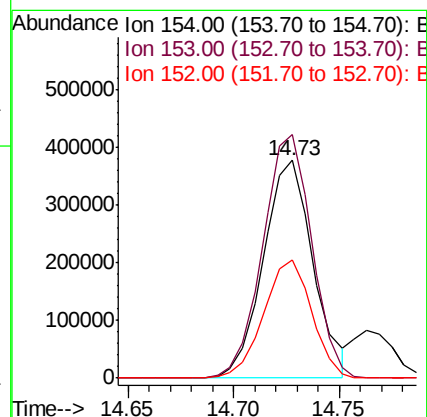
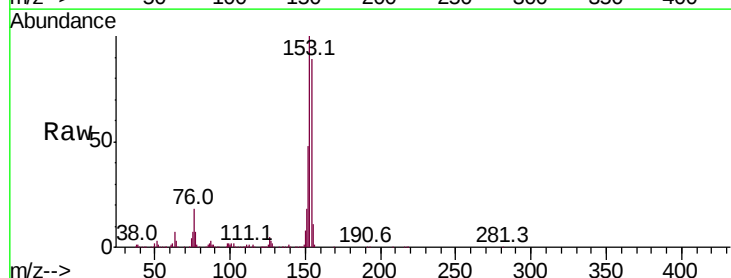
Instrument :
BNA_G
ClientSampleId :
S-2MSD

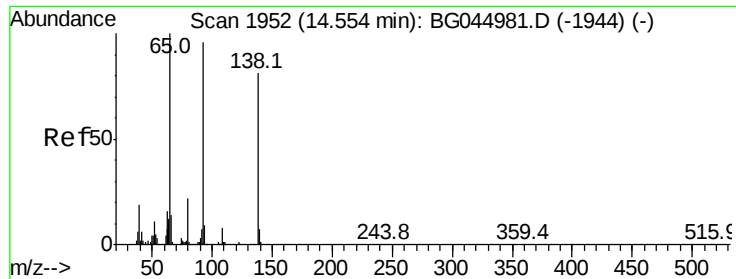
Tot Ion:165 Resp: 185934
Ion Ratio Lower Upper
165 100
63 50.7 40.4 60.6
89 55.8 49.1 73.7



#52
Acenaphthene
Concen: 43.940 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion:154 Resp: 619398
Ion Ratio Lower Upper
154 100
153 111.9 89.7 134.5
152 54.1 43.1 64.7

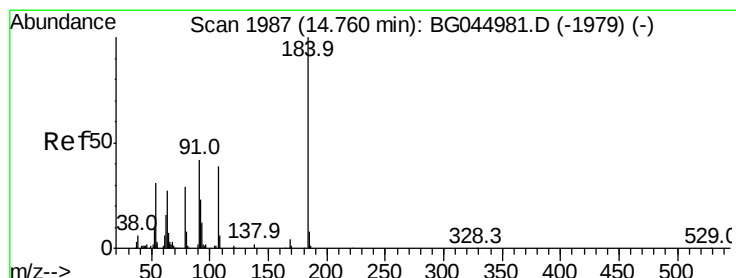
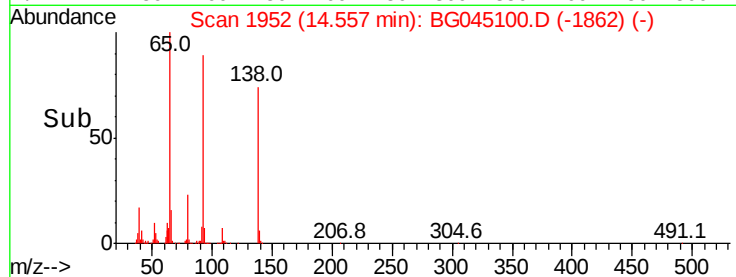
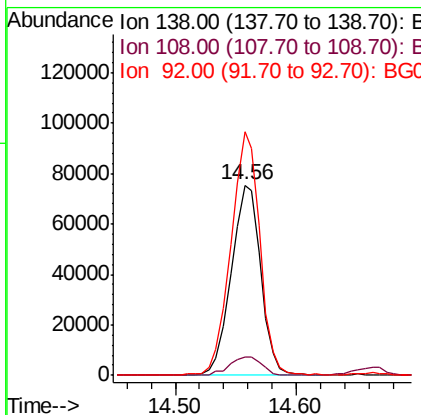
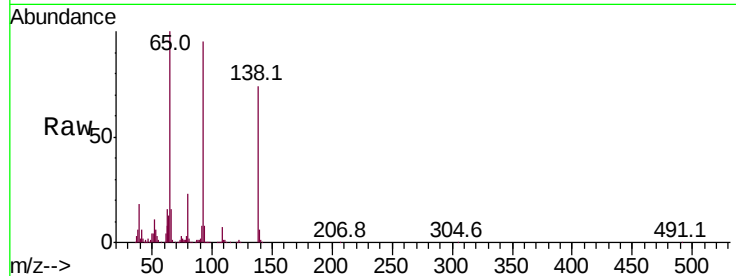




#53
3-Nitroaniline
Concen: 29.130 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

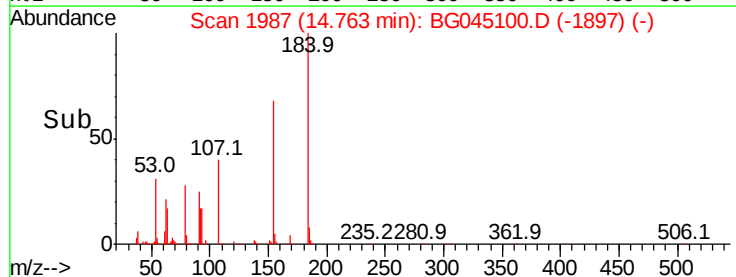
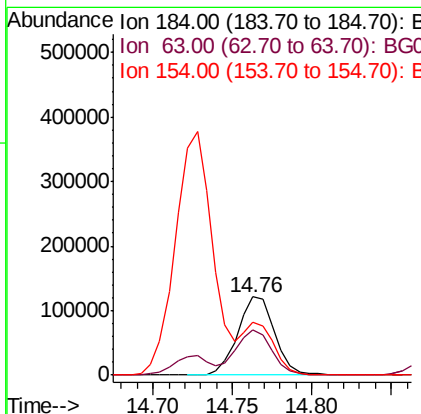
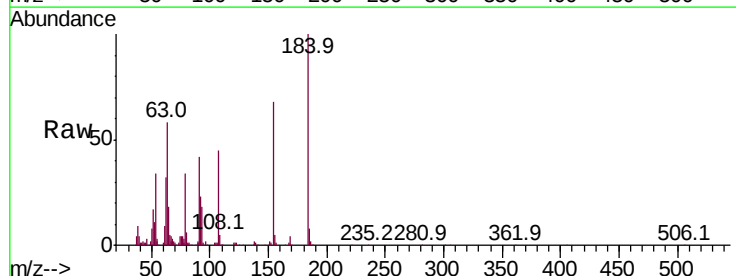
Instrument :
BNA_G
ClientSampleId :
S-2MSD

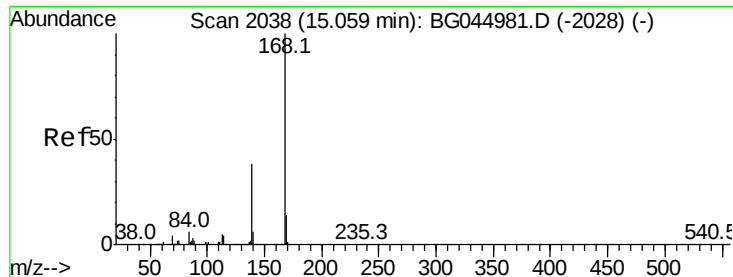
Tot Ion:138 Resp: 128150
Ion Ratio Lower Upper
138 100
108 10.0 7.8 11.8
92 128.2 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 81.570 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion:184 Resp: 194551
Ion Ratio Lower Upper
184 100
63 58.4 41.5 62.3
154 67.6 52.3 78.5





#55

Dibenzenofuran

Concen: 47.226 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampleId :

S-2MSD

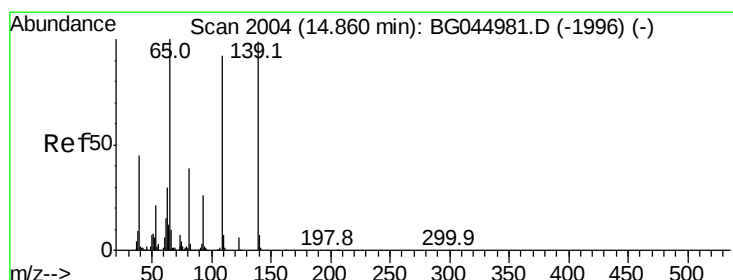
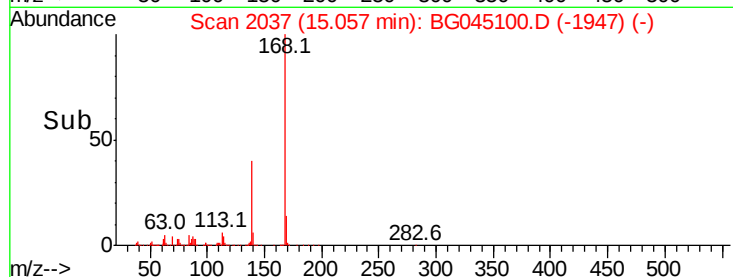
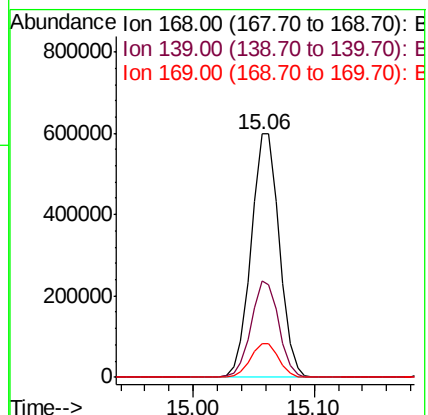
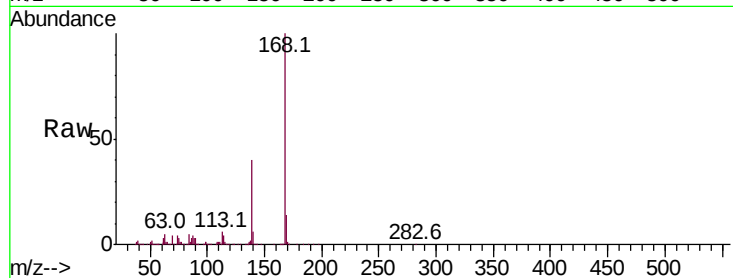
Tot Ion:168 Resp: 970569

Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.4	45.6
169	13.9	11.0	16.4

168 100

139 39.7 30.4 45.6

169 13.9 11.0 16.4



#56

4-Nitrophenol

Concen: 88.919 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

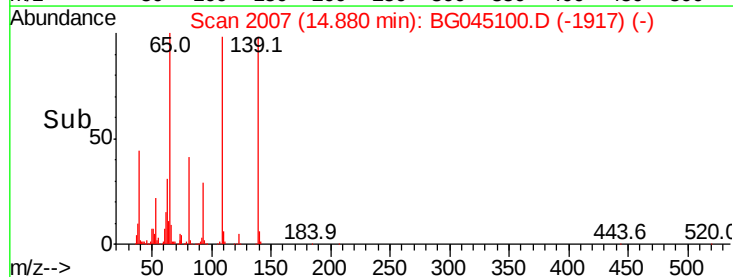
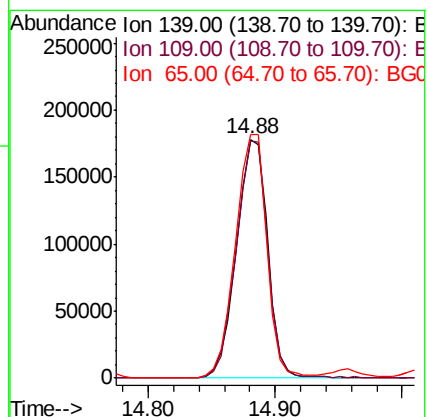
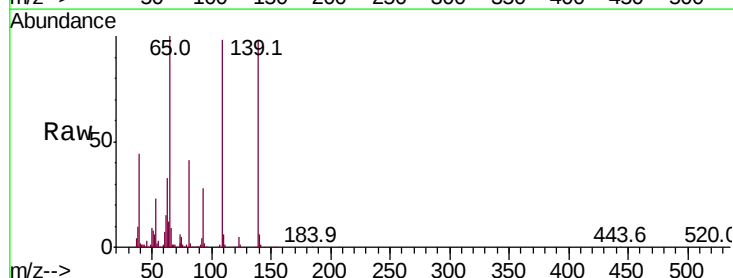
Tgt Ion:139 Resp: 303298

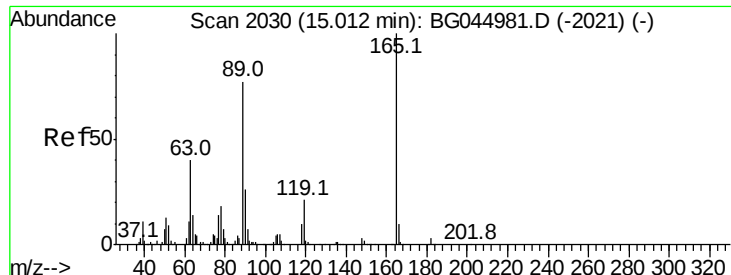
Ion	Ratio	Lower	Upper
139	100		
109	99.6	73.6	113.6
65	102.0	81.2	121.2

139 100

109 99.6 73.6 113.6

65 102.0 81.2 121.2

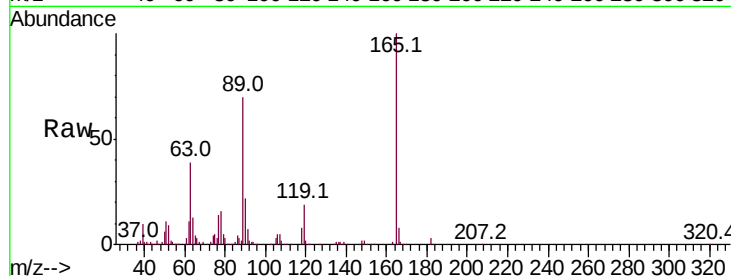




#57
2,4-Dinitrotoluene
Concen: 45.343 ng
RT: 15.02 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.8	32.2	48.2
89	70.3	61.7	92.5
182	2.7	2.0	3.0



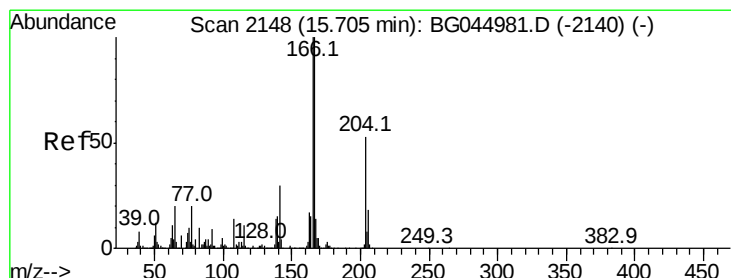
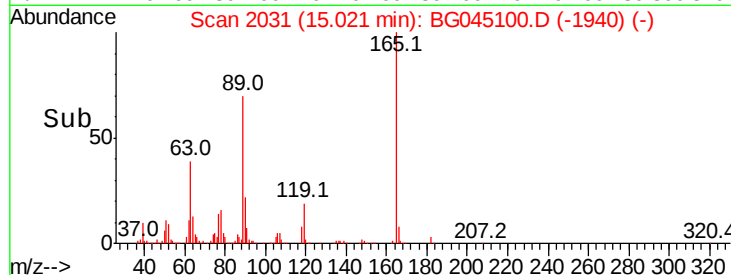
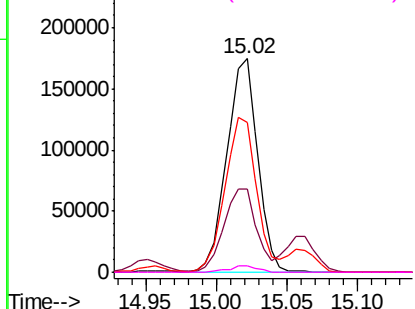
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

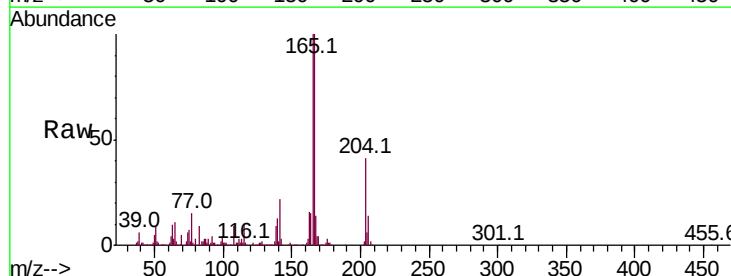
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.614 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.9	119.9
167	13.6	11.4	17.0

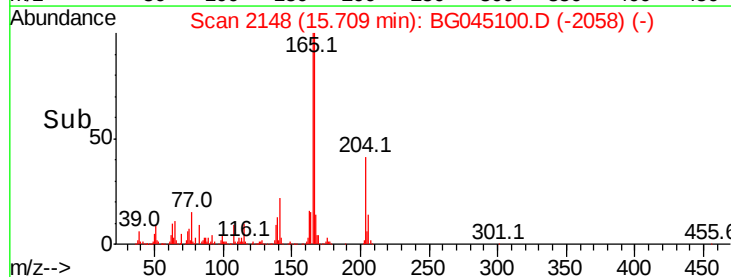
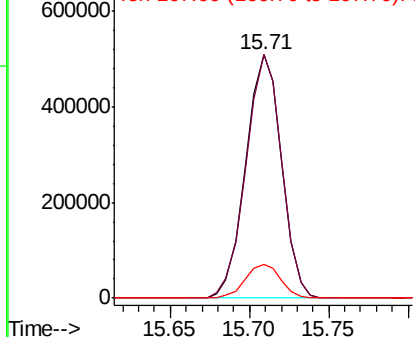


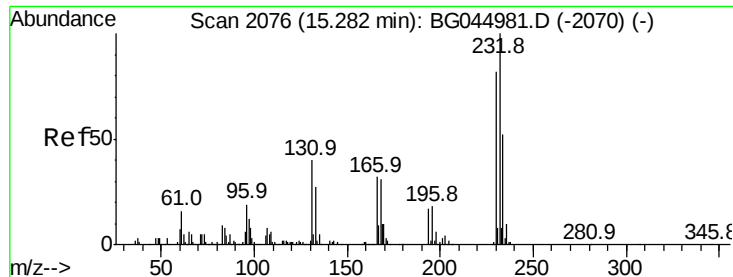
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

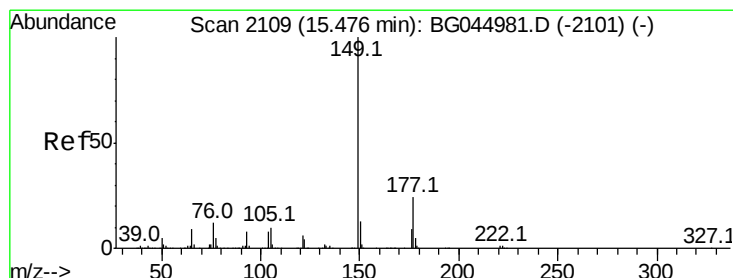
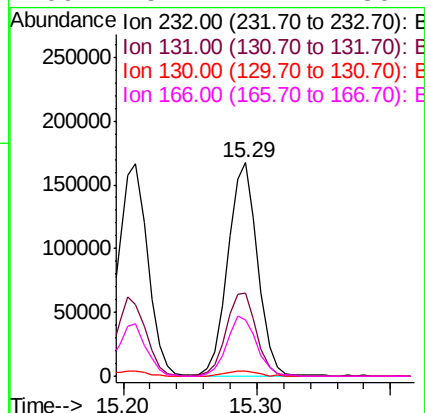
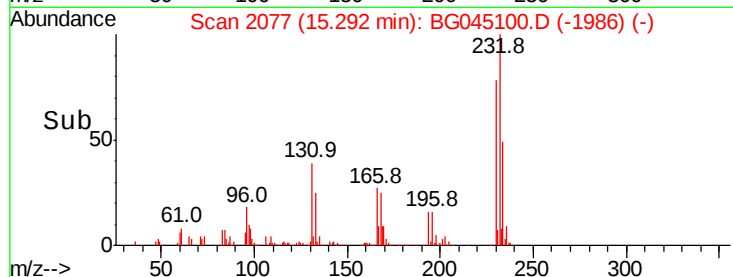
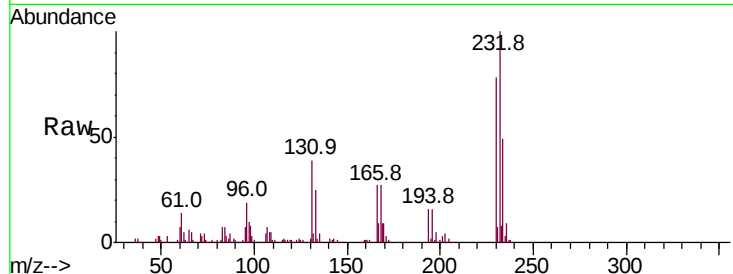




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.203 ng
RT: 15.29 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

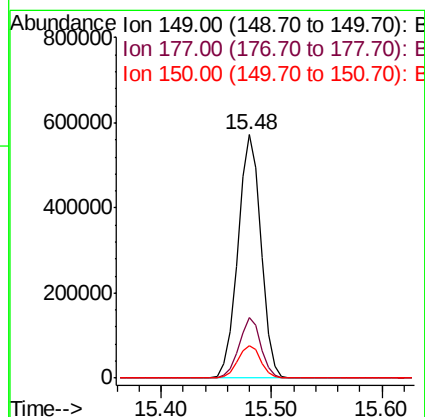
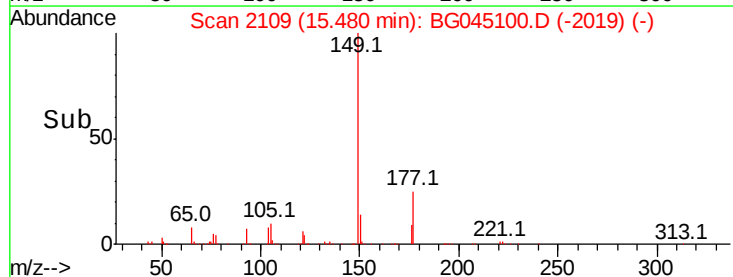
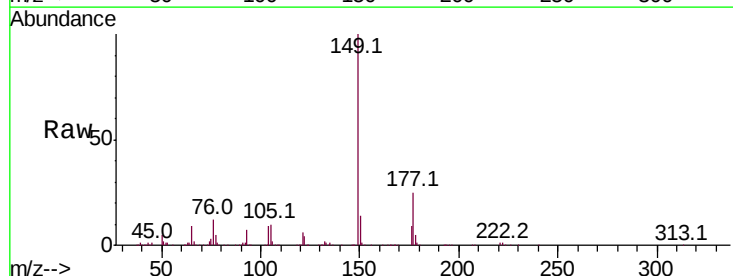
Instrument :
BNA_G
ClientSampled :
S-2MSD

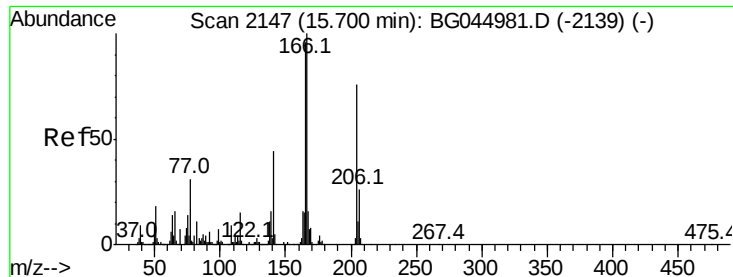
Tot Ion:	232	Resp:	259531
Ion	Ratio	Lower	Upper
232	100		
131	40.1	32.2	48.2
130	2.6	2.2	3.2
166	28.4	24.2	36.4



#60
Diethylphthalate
Concen: 44.693 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion:	149	Resp:	835619
Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.9	28.3
150	13.5	10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 46.061 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampleId :

S-2MSD

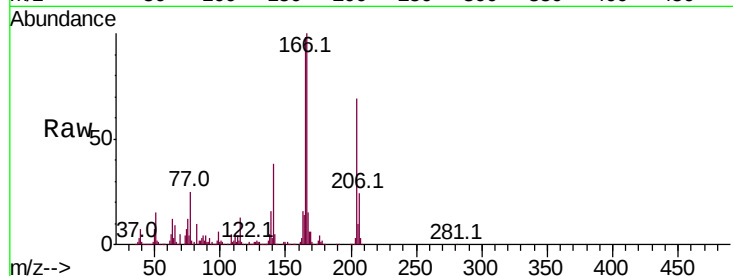
Tot Ion:204 Resp: 445054

Ion Ratio Lower Upper

204 100

206 34.7 26.9 40.3

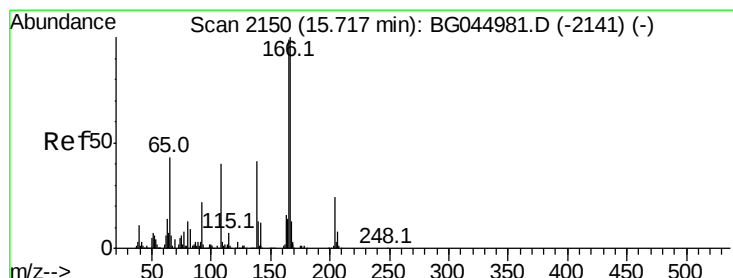
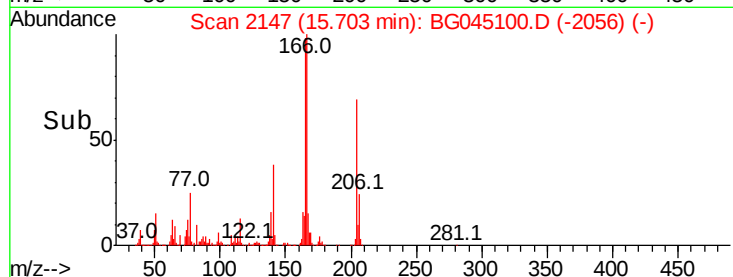
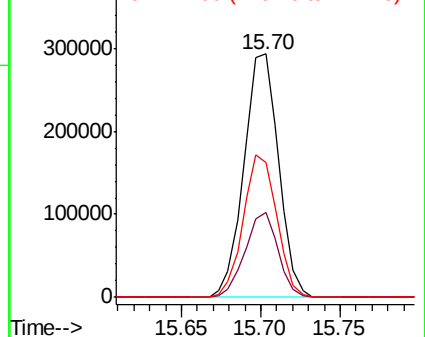
141 55.5 46.3 69.5



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 36.768 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

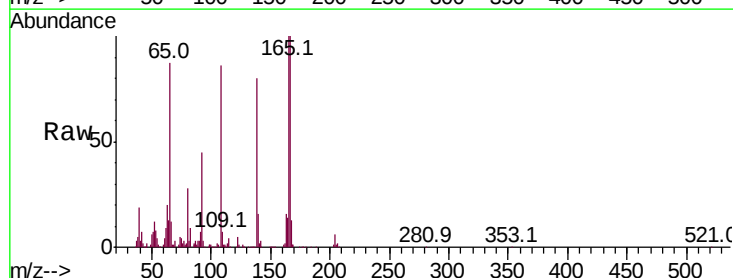
Tgt Ion:138 Resp: 167767

Ion Ratio Lower Upper

138 100

92 56.6 33.6 73.6

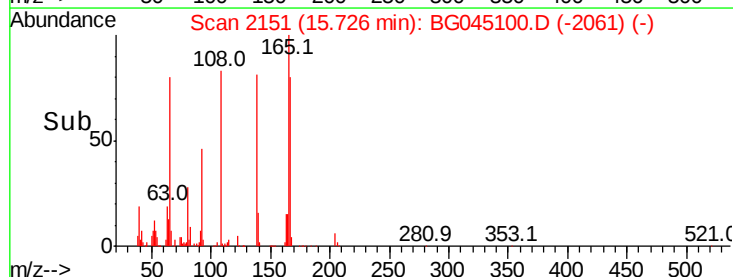
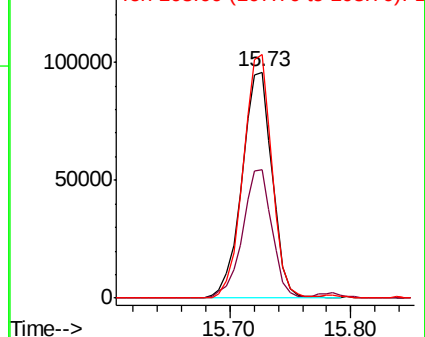
108 107.6 78.2 118.2

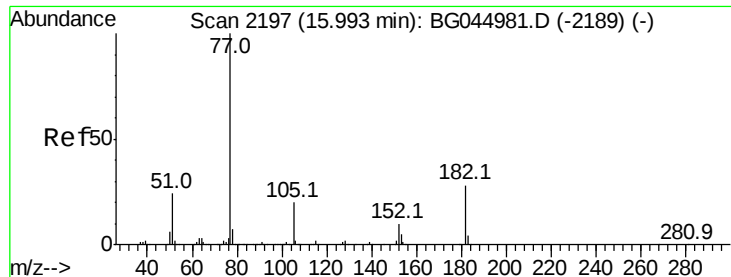


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

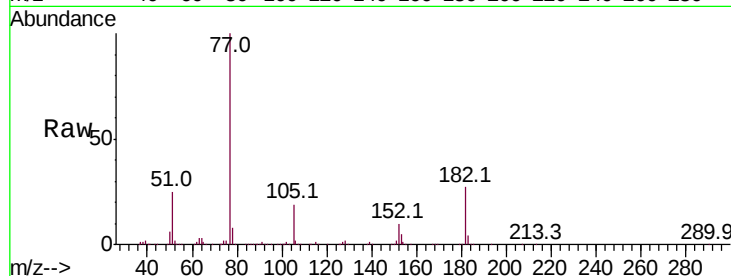




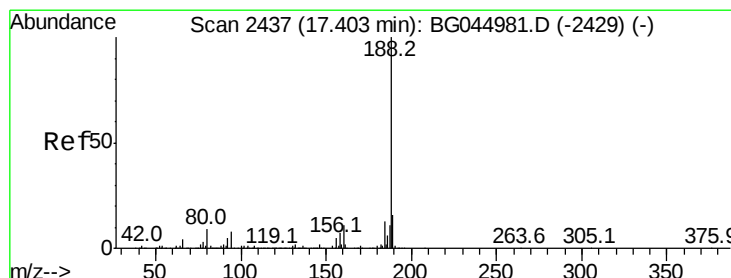
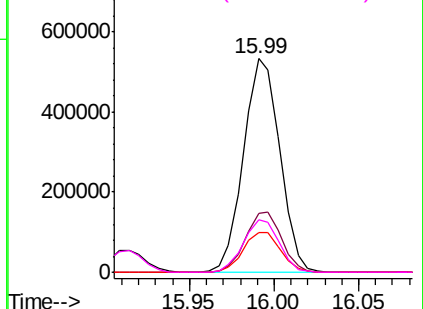
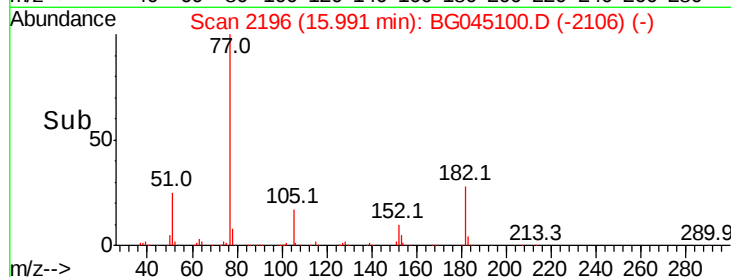
#63
Azobenzene
Concen: 46.157 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Instrument :
BNA_G
ClientSampleId :
S-2MSD

Tot Ion:	77	Resp:	795633
Ion	Ratio	Lower	Upper
77	100		
182	27.4	8.4	48.4
105	18.9	0.5	40.5
51	24.8	4.4	44.4

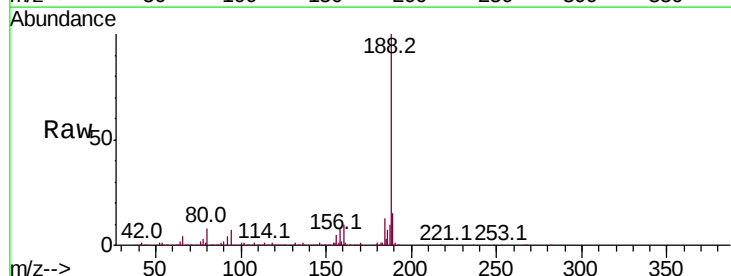


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

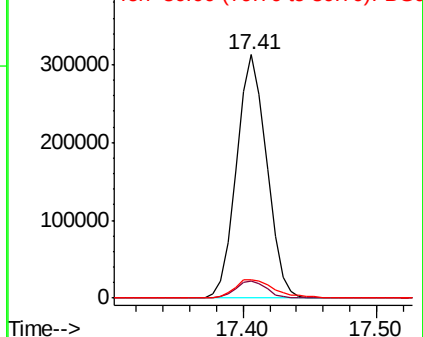
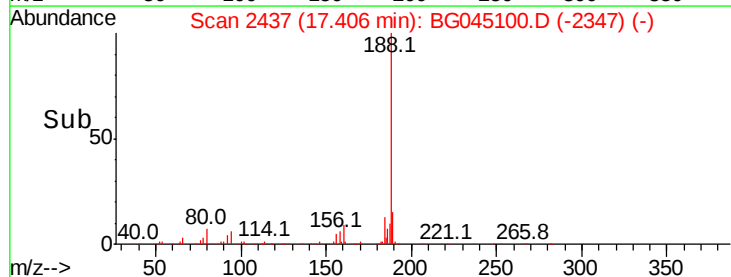


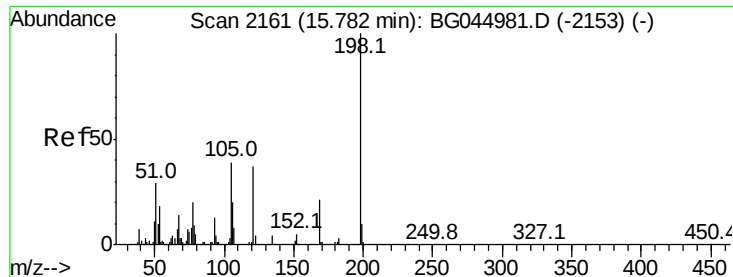
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion:	188	Resp:	489592
Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.2	9.4
80	7.7	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

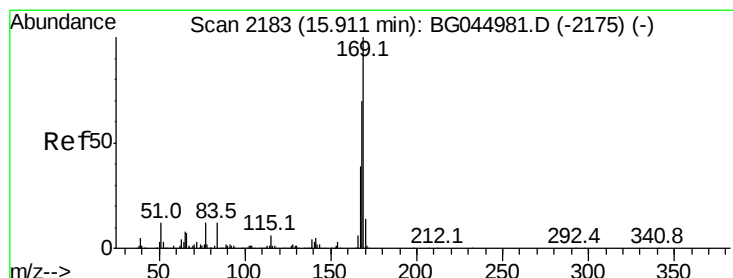
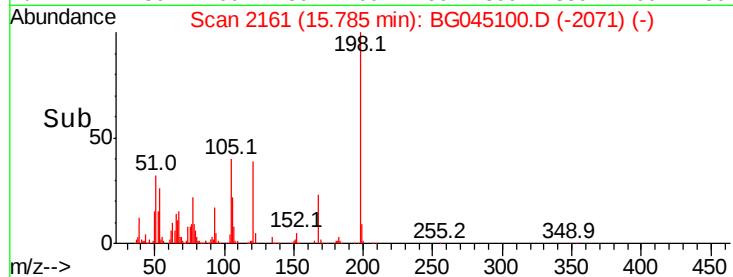
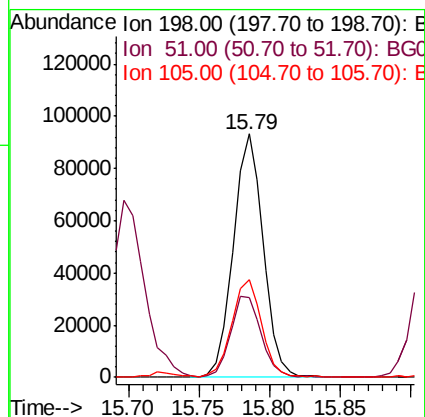
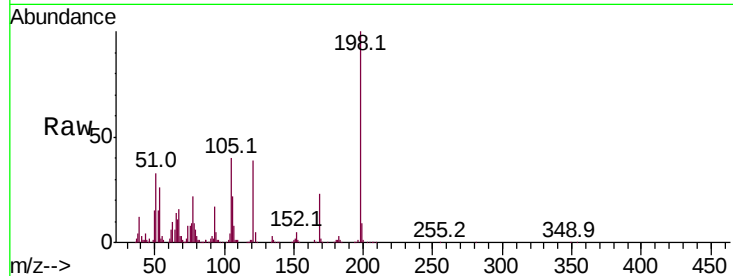




#65
4,6-Dinitro-2-methylphenol
Concen: 42.714 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

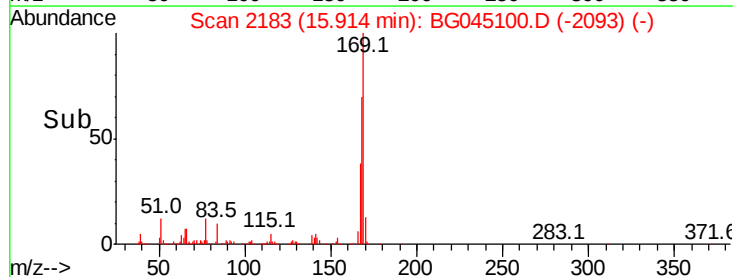
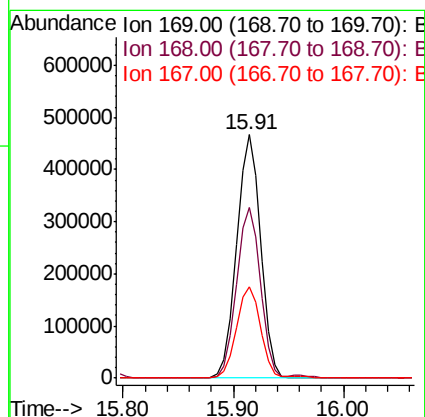
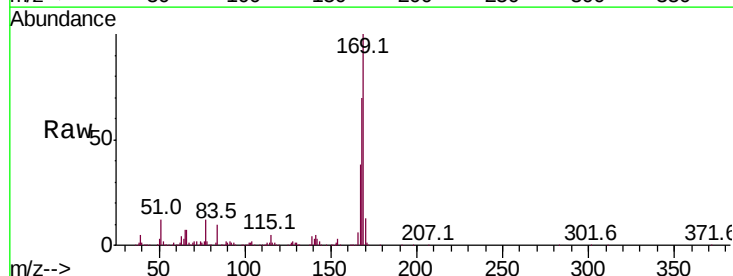
Instrument :
BNA_G
ClientSampleId :
S-2MSD

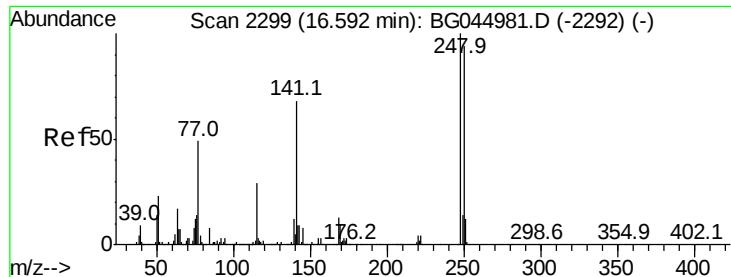
Tot Ion	Ratio	Lower	Upper
198	100		
51	32.6	10.0	50.0
105	40.2	18.9	58.9



#66
n-Nitrosodiphenylamine
Concen: 50.455 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.1	55.8	83.8
167	37.7	30.8	46.2

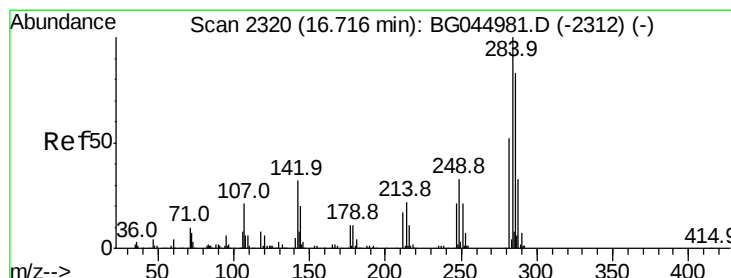
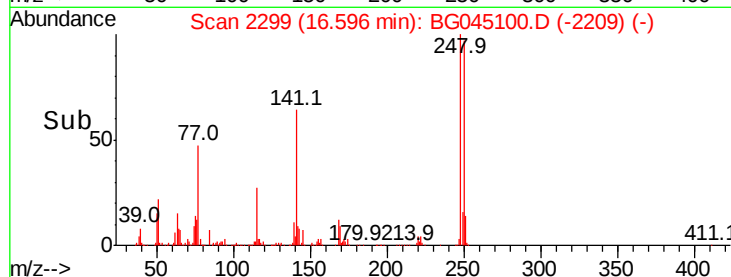
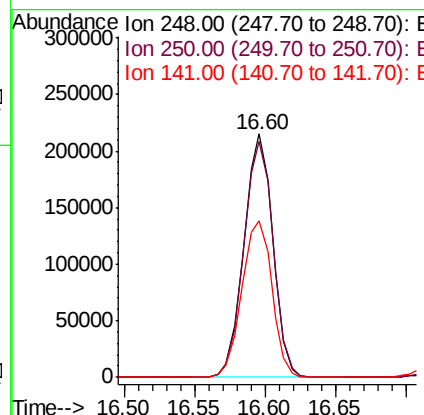
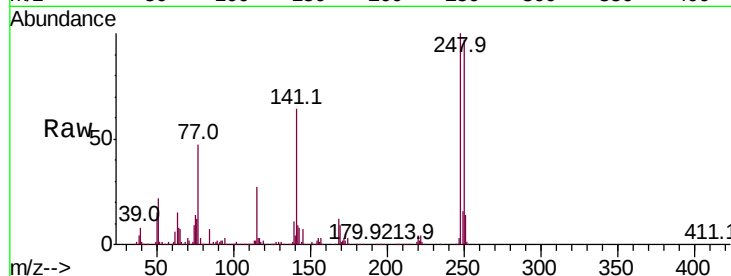




#67
4-Bromophenyl-phenylether
Concen: 48.700 ng
RT: 16.60 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

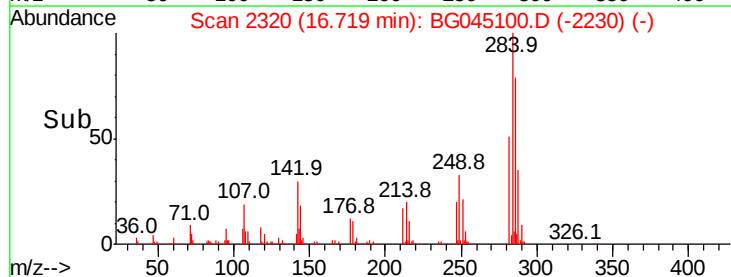
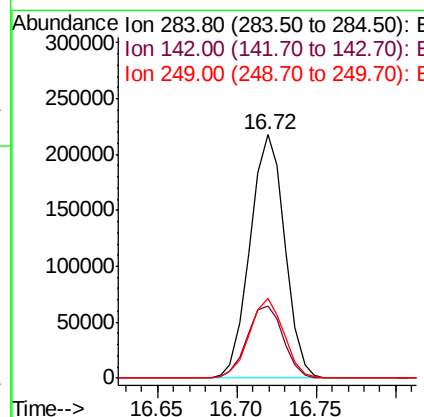
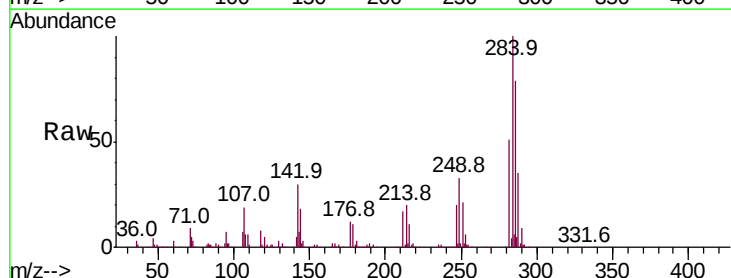
Instrument :
BNA_G
ClientSampleId :
S-2MSD

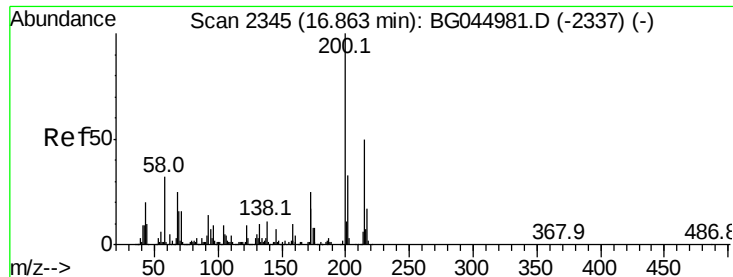
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	75.4	113.2
141	64.3	54.4	81.6



#68
Hexachlorobenzene
Concen: 50.670 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	25.8	38.6
249	32.6	26.6	39.8





#69

Atrazine

Concen: 57.587 ng

RT: 16.87 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampled :

S-2MSD

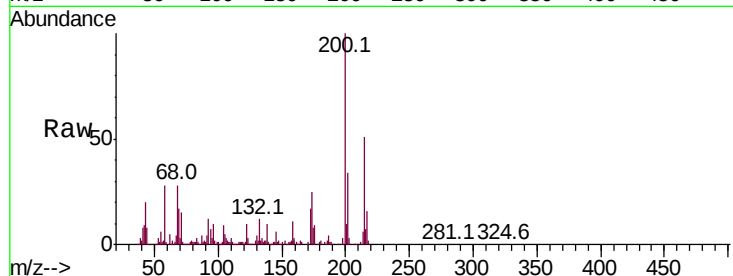
Tot Ion:200 Resp: 288606

Ion Ratio Lower Upper

200 100

173 24.7 4.5 44.5

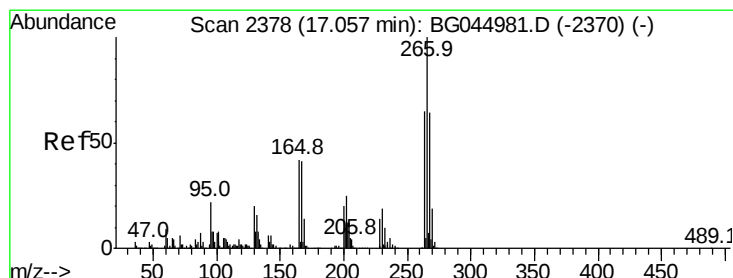
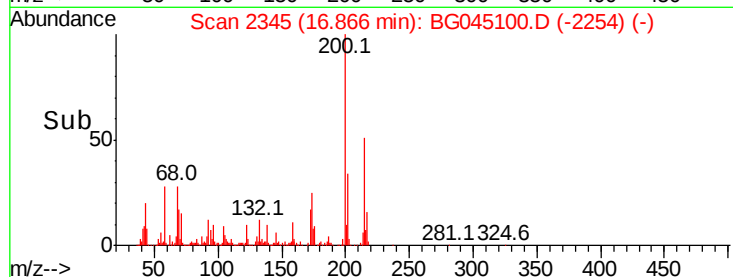
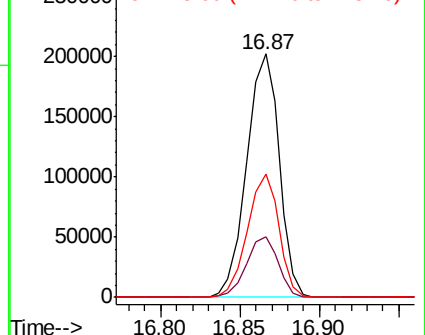
215 50.5 30.0 70.0



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: 96.787 ng

RT: 17.06 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

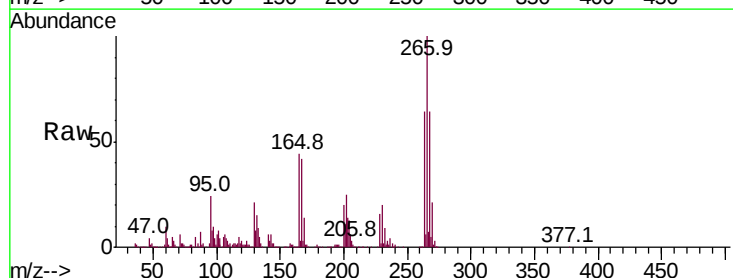
Tgt Ion:266 Resp: 388941

Ion Ratio Lower Upper

266 100

268 64.0 51.5 77.3

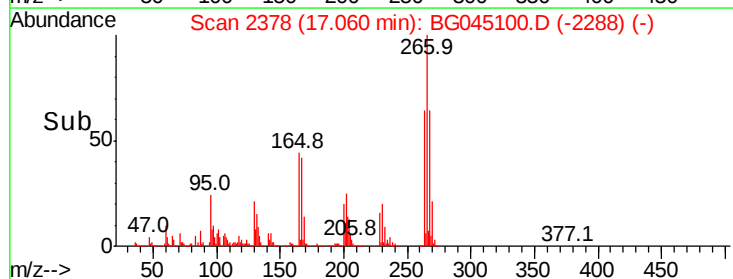
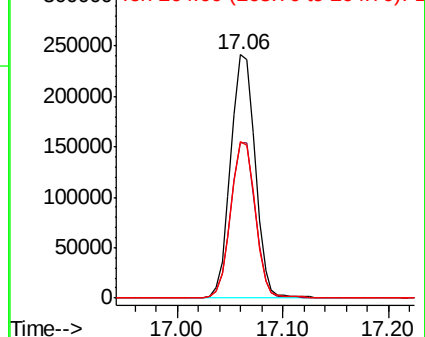
264 64.1 52.2 78.4

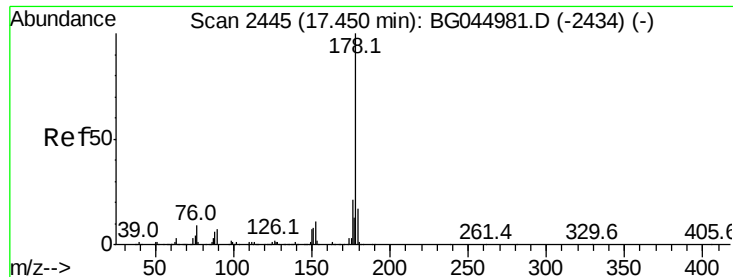


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.838 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

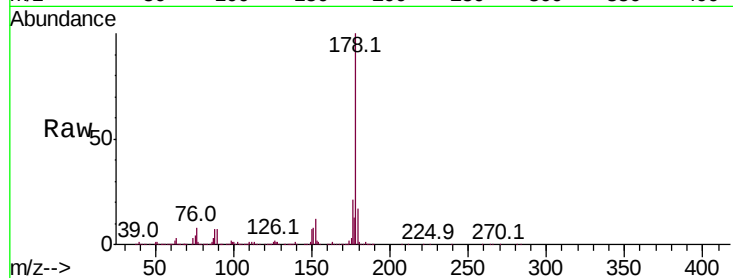
BNA_G

ClientSampleId :

S-2MSD

Tot Ion:178 Resp: 1228699

Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.8	25.2
179	16.6	13.2	19.8

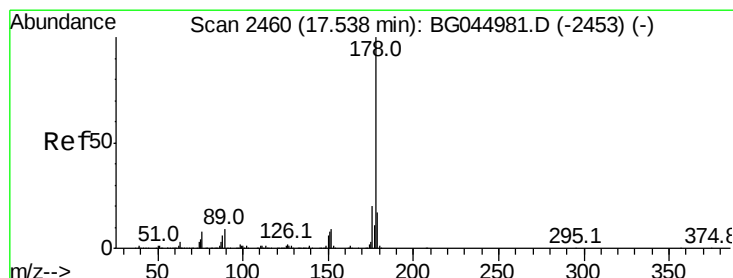
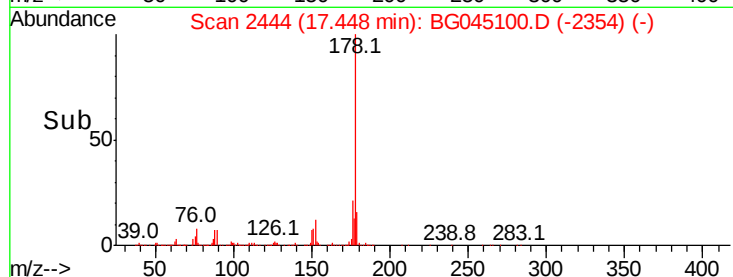
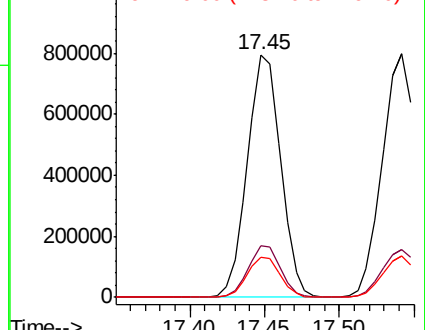


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.227 ng

RT: 17.54 min Scan# 2460

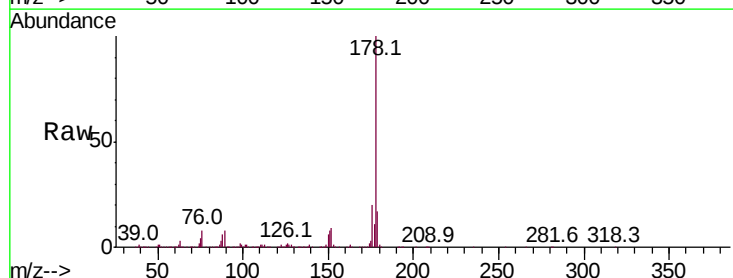
Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tgt Ion:178 Resp: 1267581

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	16.9	13.6	20.4

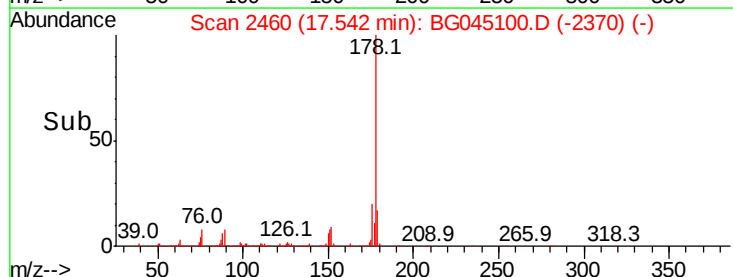
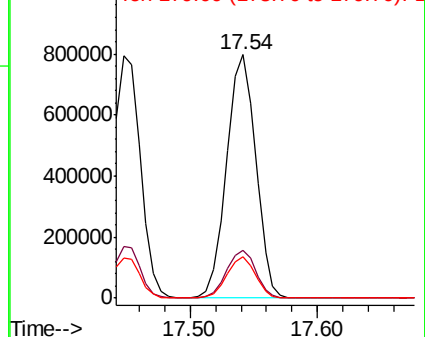


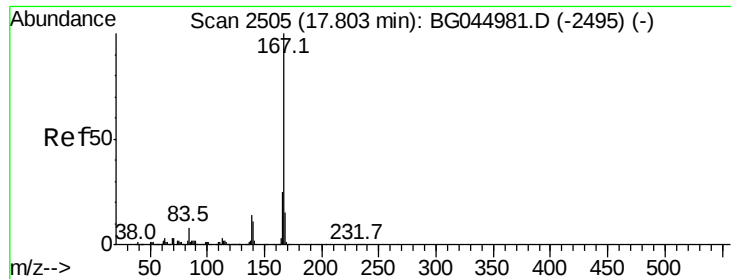
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.566 ng

RT: 17.81 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampleId :

S-2MSD

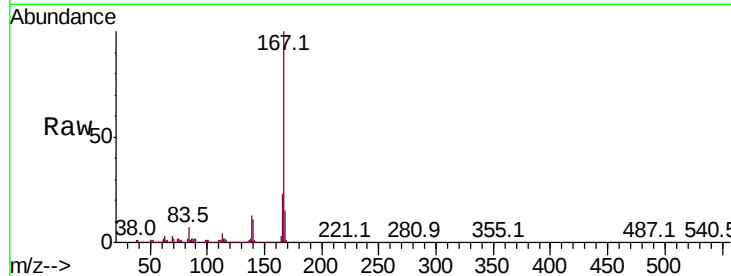
Tot Ion:167 Resp: 1141357

Ion Ratio Lower Upper

167 100

166 23.2 19.8 29.6

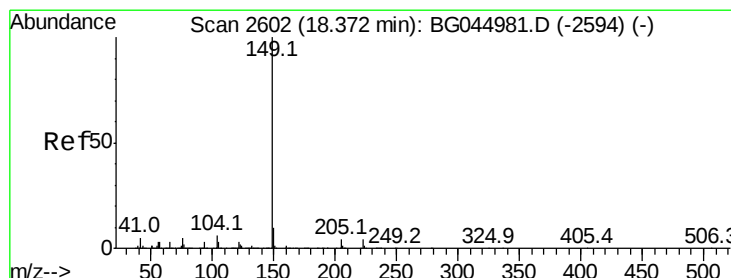
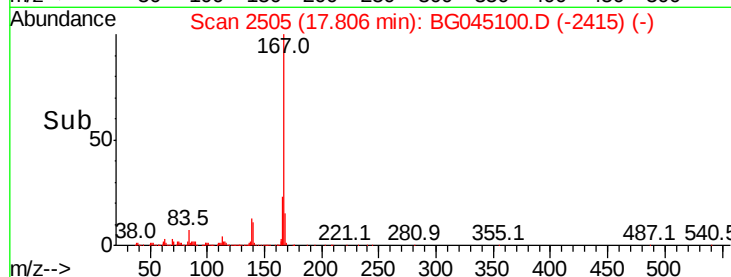
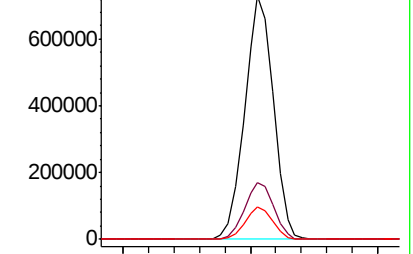
139 13.3 10.9 16.3



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: 50.039 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

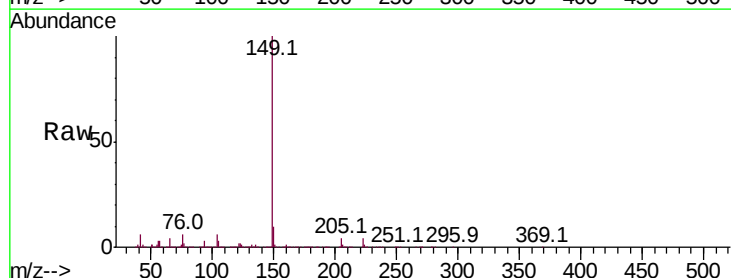
Tgt Ion:149 Resp: 1376055

Ion Ratio Lower Upper

149 100

150 10.2 8.2 12.2

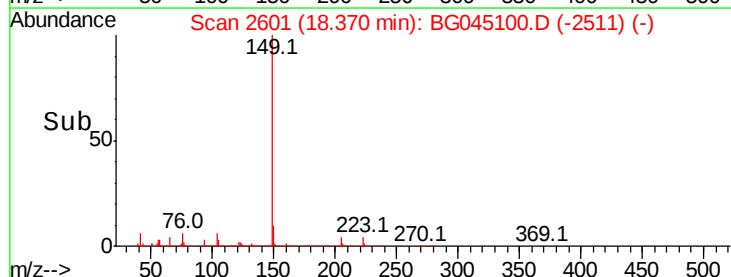
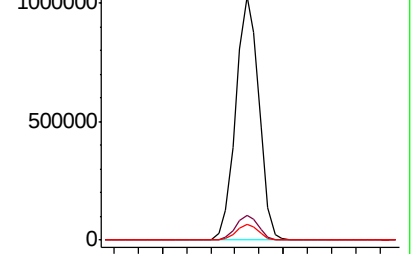
104 6.3 4.8 7.2

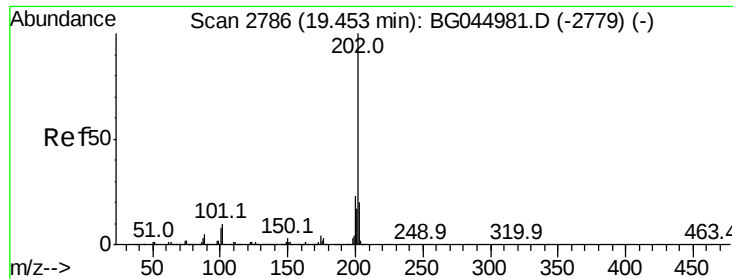


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.317 ng

RT: 19.46 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampleId :

S-2MSD

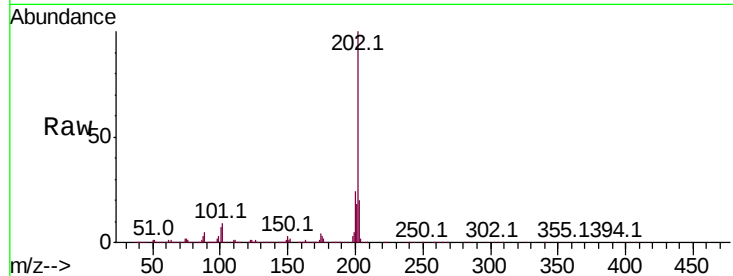
Tot Ion:202 Resp: 1479092

Ion Ratio Lower Upper

202 100

101 8.8 0.0 29.6

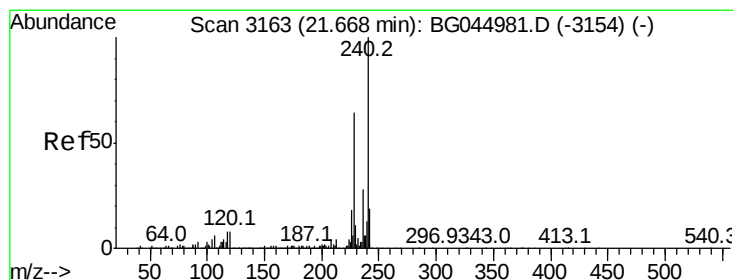
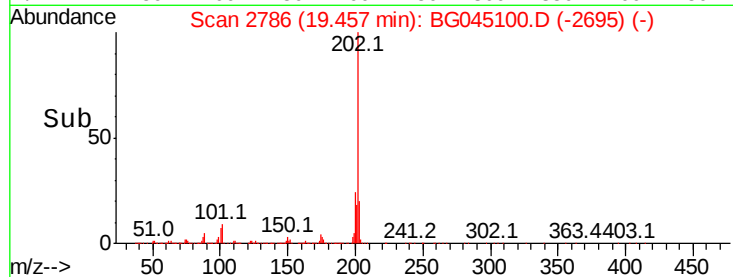
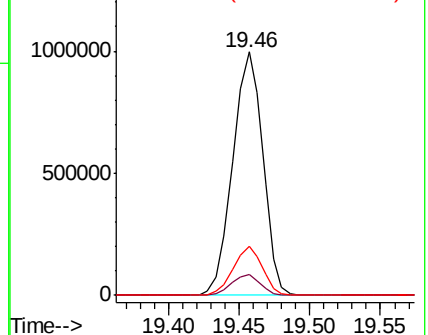
203 20.3 0.0 39.7



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: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

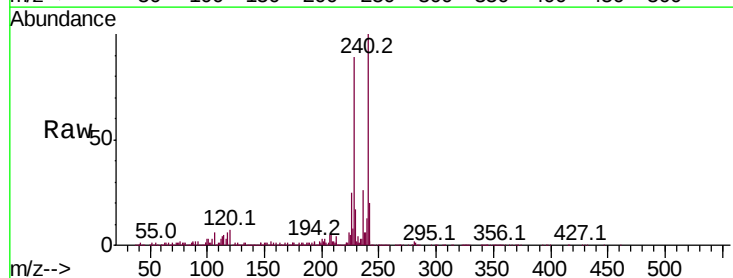
Tgt Ion:240 Resp: 439591

Ion Ratio Lower Upper

240 100

120 6.9 6.6 10.0

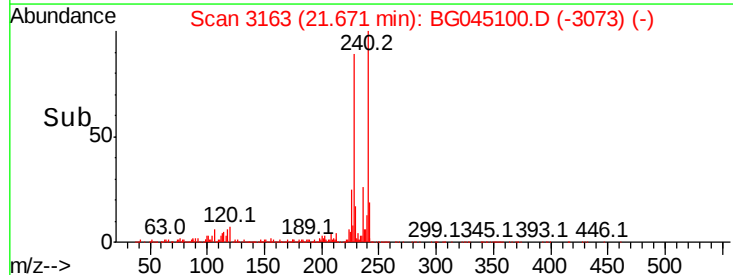
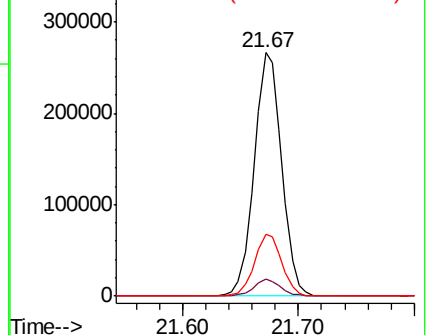
236 25.6 22.2 33.2

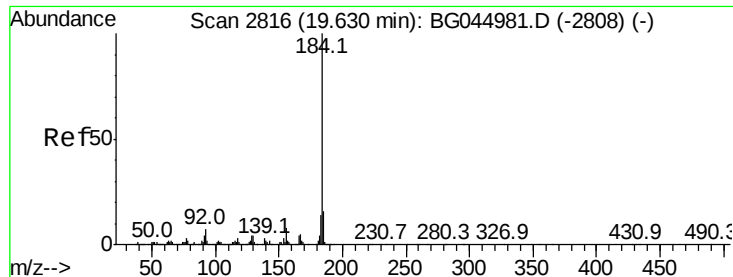


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 72.078 ng

RT: 19.63 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

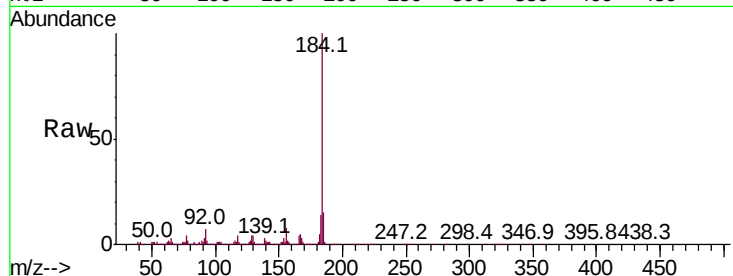
BNA_G

ClientSampleId :

S-2MSD

Tot Ion:184 Resp: 872094

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.6	19.0
183	13.7	11.3	16.9



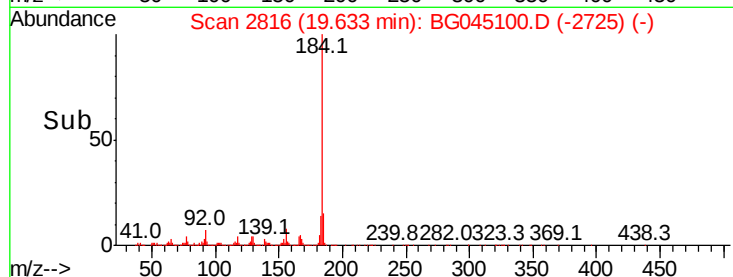
Abundance

Ion 184.00 (183.70 to 184.70): E

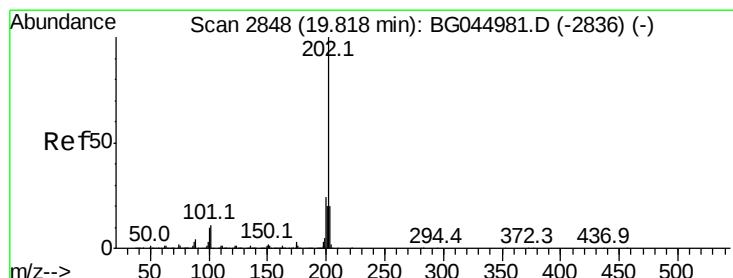
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.63



Time--> 19.50 19.60 19.70



#78

Pyrene

Concen: 48.164 ng

RT: 19.81 min Scan# 2847

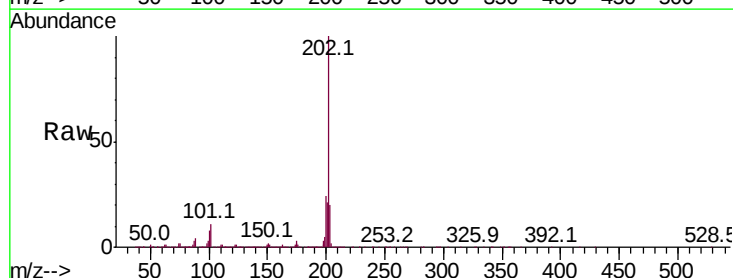
Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tgt Ion:202 Resp: 1459651

Ion	Ratio	Lower	Upper
202	100		
200	23.9	19.0	28.6
203	20.0	16.1	24.1



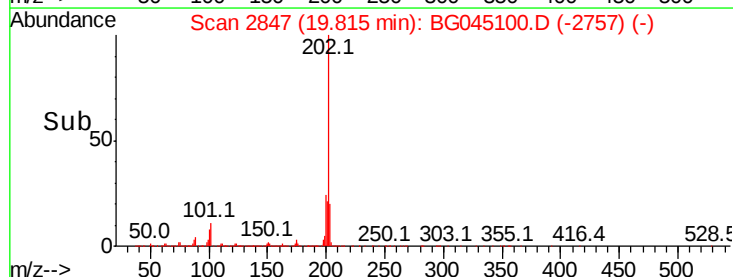
Abundance

Ion 202.00 (201.70 to 202.70): E

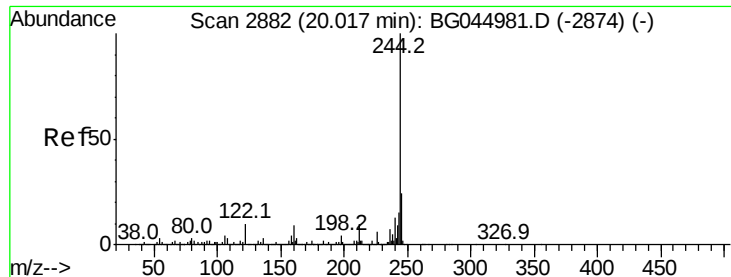
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.81



Time--> 19.70 19.80 19.90



#79

Terphenyl-d14

Concen: 56.030 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampled :

S-2MSD

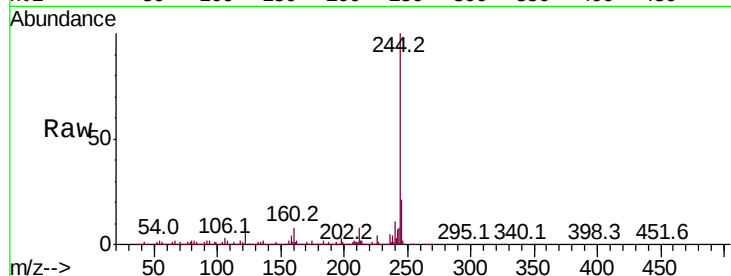
Tot Ion:244 Resp: 1130063

Ion Ratio Lower Upper

244 100

212 8.3 7.9 11.9

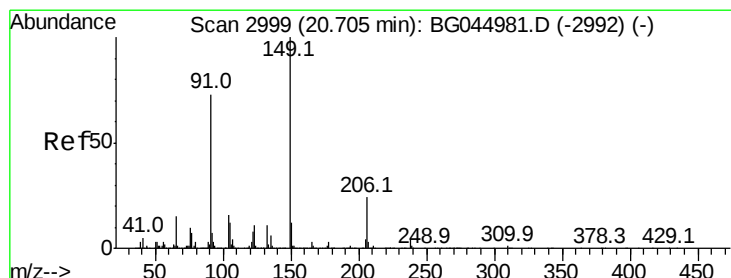
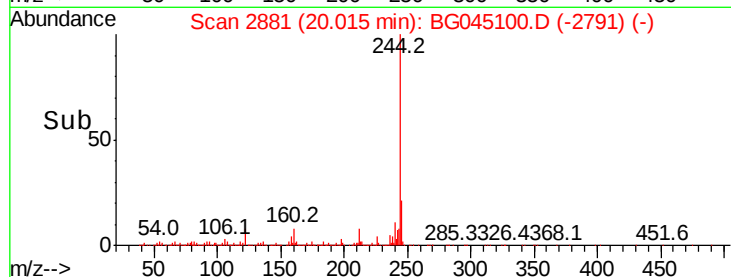
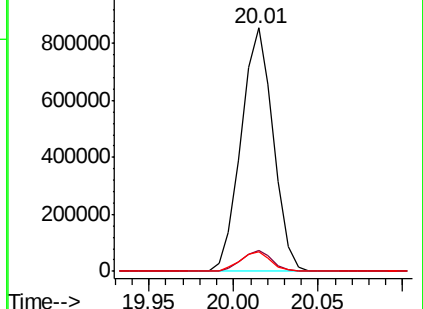
122 7.9 7.7 11.5



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: 47.418 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

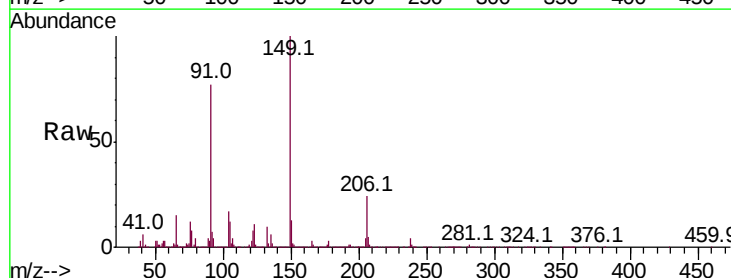
Tgt Ion:149 Resp: 595661

Ion Ratio Lower Upper

149 100

91 76.9 58.5 87.7

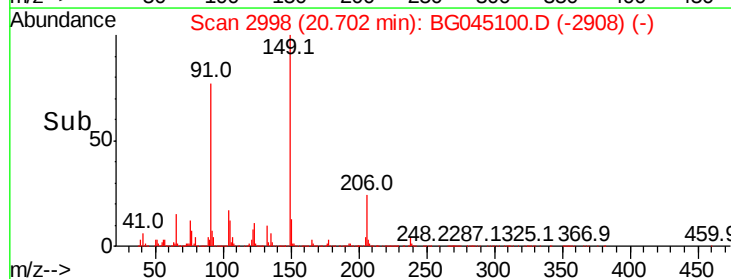
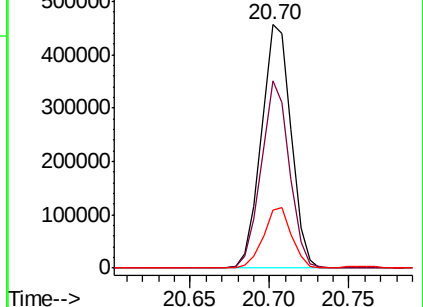
206 23.9 19.2 28.8

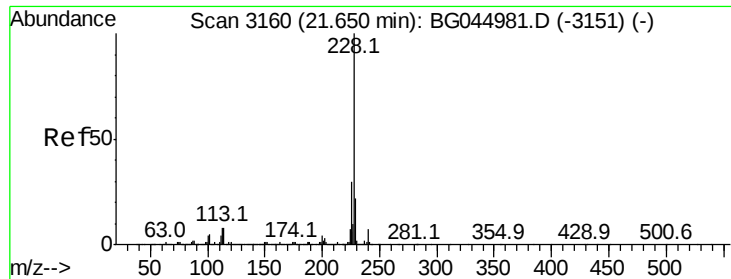


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.076 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

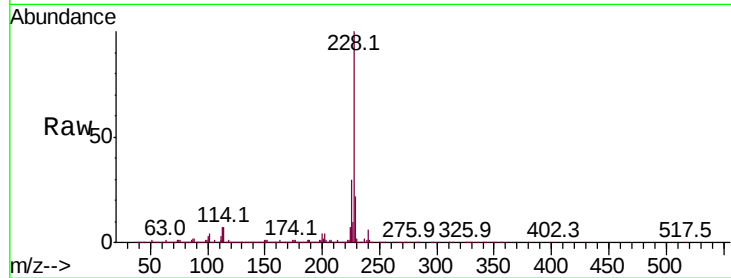
BNA_G

ClientSampleId :

S-2MSD

Tot Ion:228 Resp: 1398257

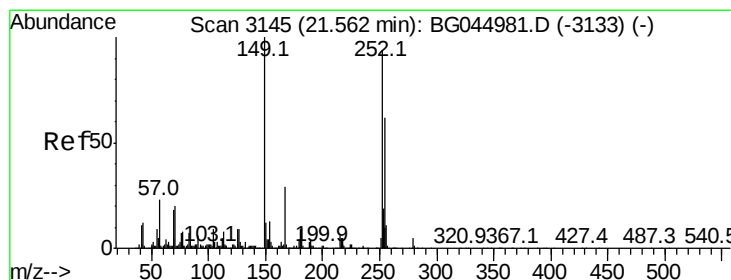
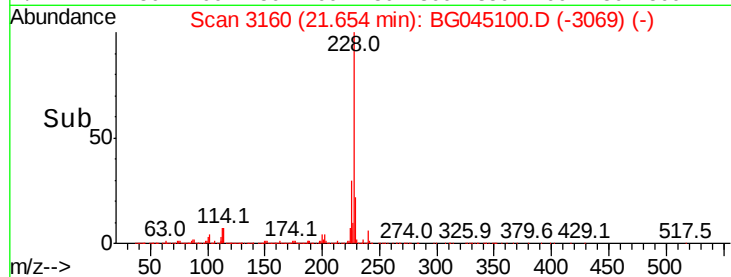
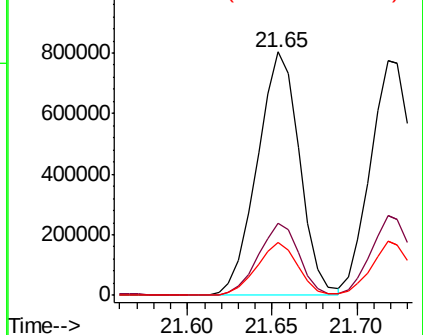
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	21.8	17.5	26.3



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: 34.716 ng

RT: 21.57 min Scan# 3145

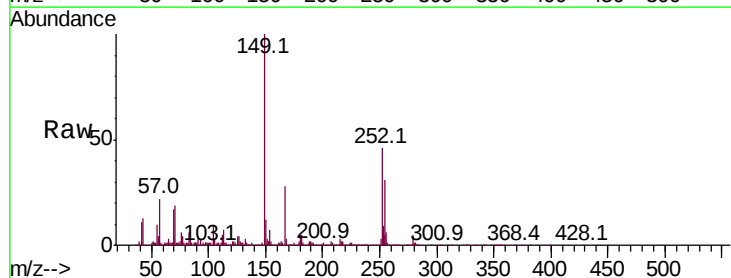
Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tgt Ion:252 Resp: 393697

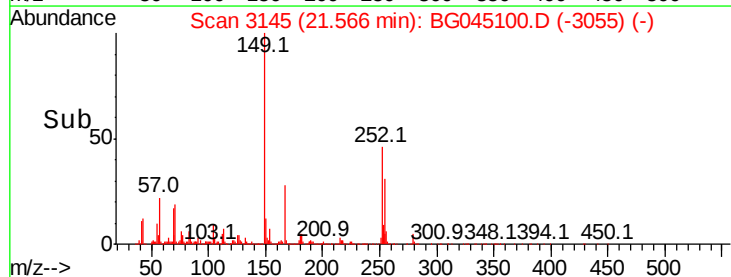
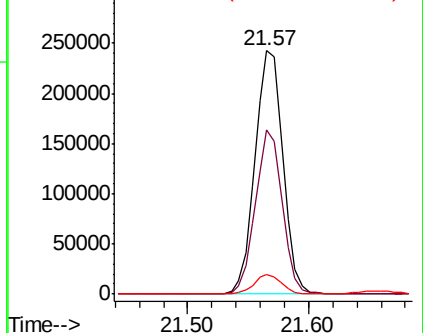
Ion	Ratio	Lower	Upper
252	100		
254	67.7	52.6	79.0
126	8.3	7.5	11.3

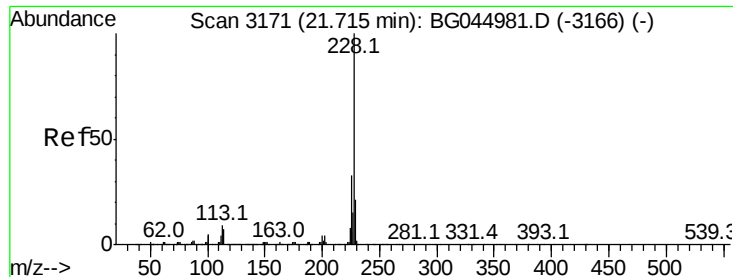


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.464 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

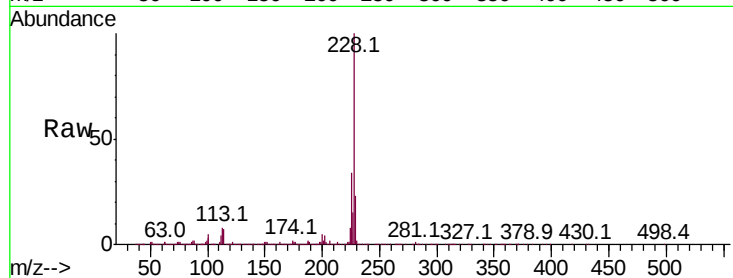
BNA_G

ClientSampleId :

S-2MSD

Tot Ion:228 Resp: 1326716

Ion	Ratio	Lower	Upper
228	100		
226	33.7	26.2	39.4
229	22.9	17.0	25.6

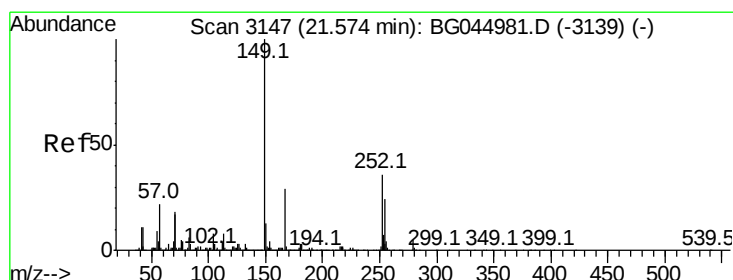
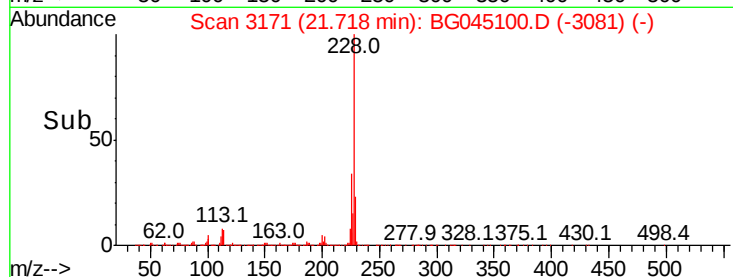
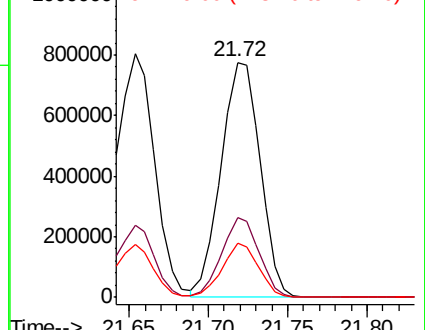


Abundance

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: 46.652 ng

RT: 21.57 min Scan# 3146

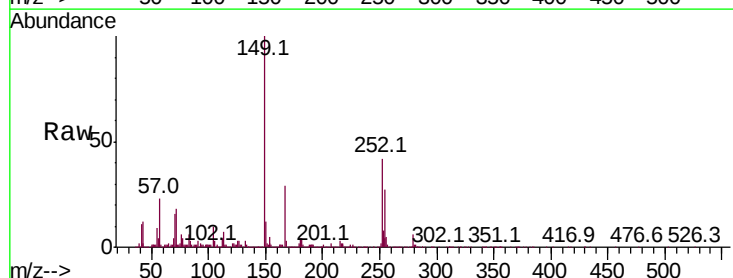
Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tgt Ion:149 Resp: 806019

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.4	35.0
279	5.6	4.3	6.5

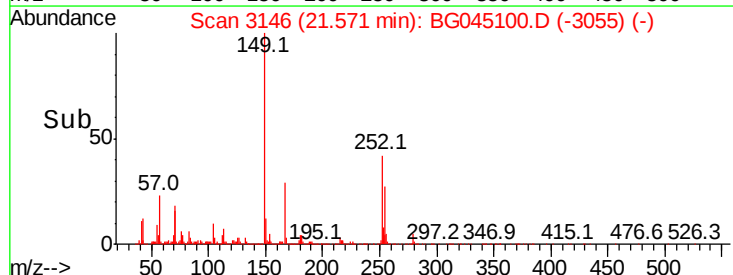
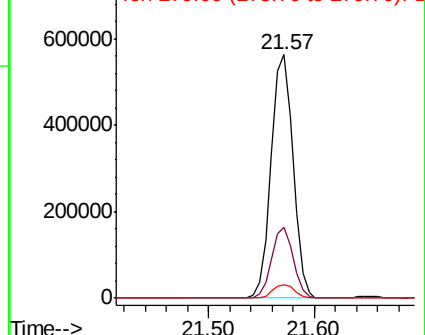


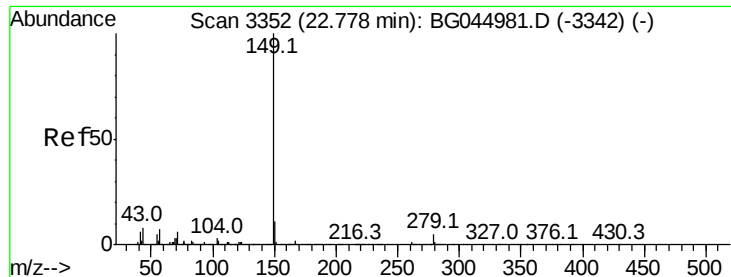
Abundance

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: 46.470 ng

RT: 22.78 min Scan# 3351

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampleId :

S-2MSD

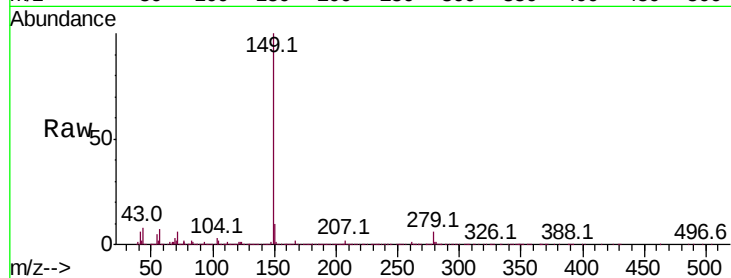
Tot Ion:149 Resp: 1388366

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

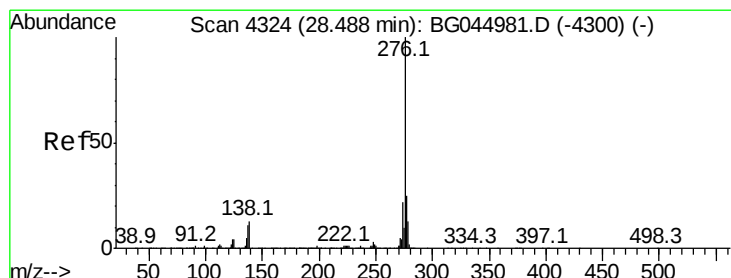
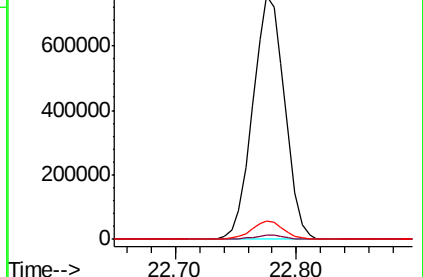
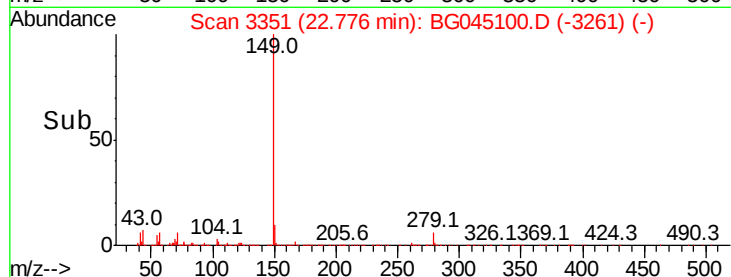
43 7.2 5.7 8.5



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.712 ng

RT: 28.51 min Scan# 4327

Delta R.T. 0.01 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

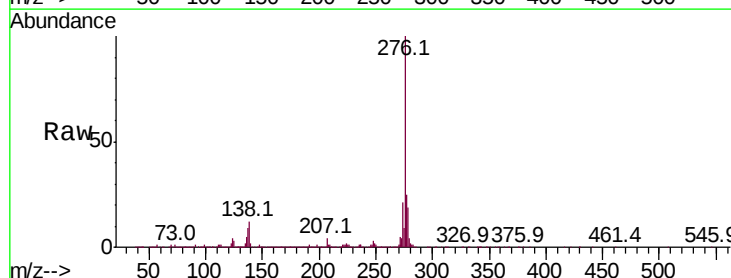
Tgt Ion:276 Resp: 1770496

Ion Ratio Lower Upper

276 100

138 9.0 9.6 14.4#

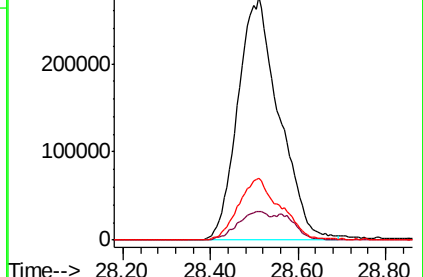
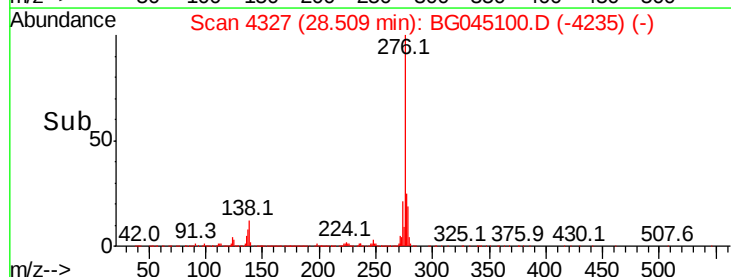
277 25.8 20.6 31.0

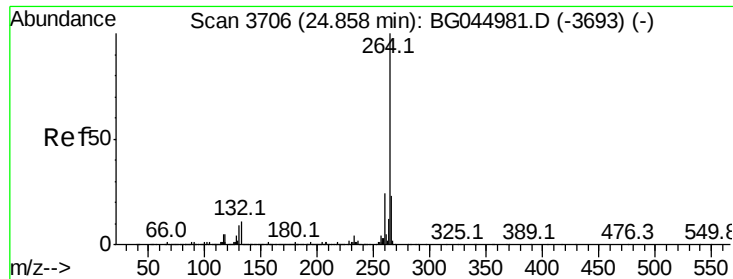


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3707

Delta R.T. 0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

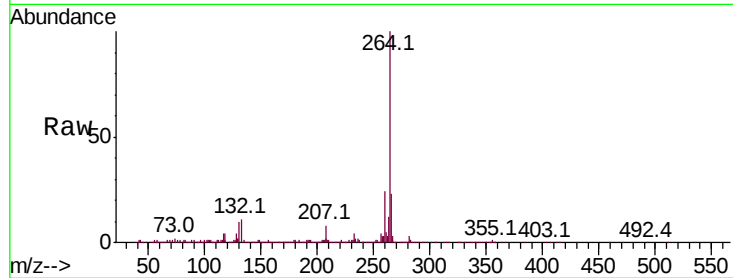
BNA_G

ClientSampleId :

S-2MSD

Tot Ion:264 Resp: 484920

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.7	19.0	28.4

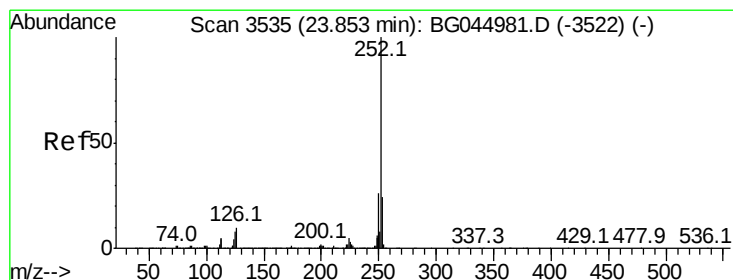
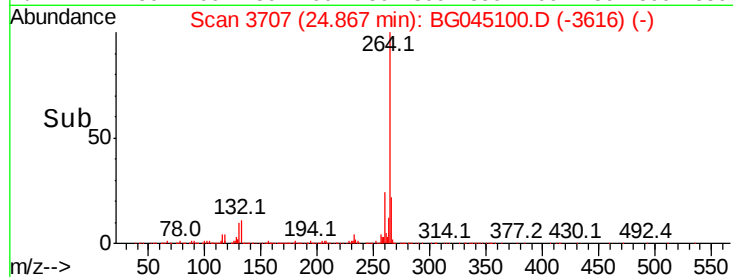
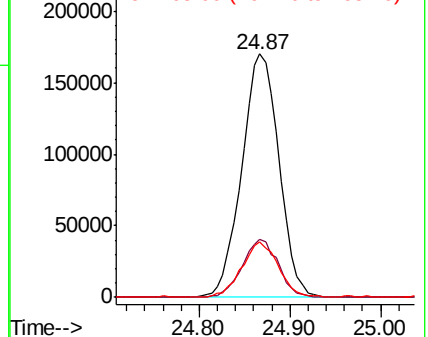


Abundance

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: 48.327 ng

RT: 23.86 min Scan# 3536

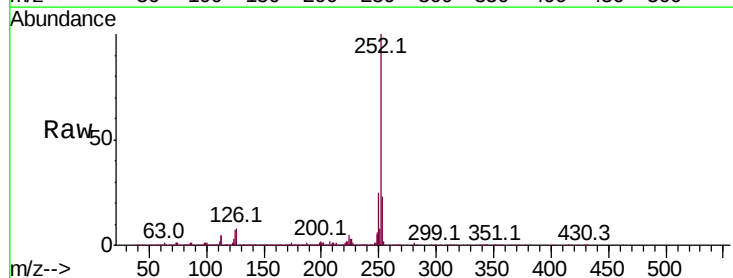
Delta R.T. 0.01 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Tgt Ion:252 Resp: 1467954

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.8	28.2
125	6.9	6.2	9.4

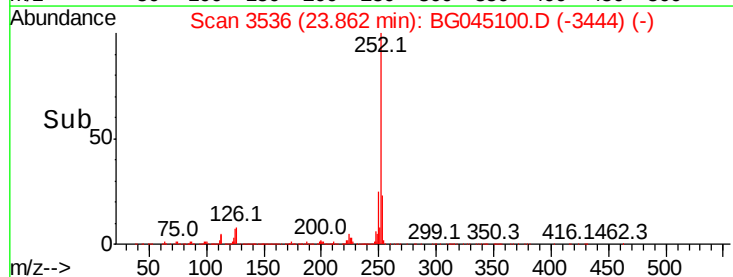
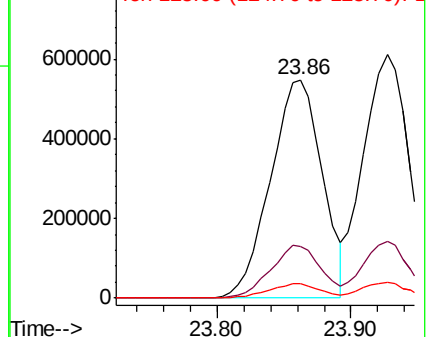


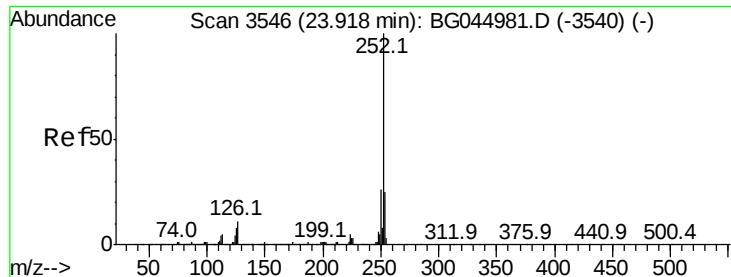
Abundance

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

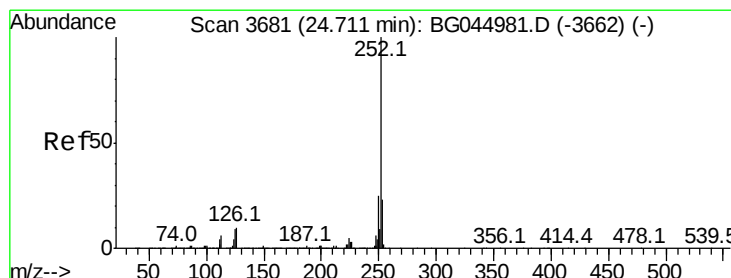
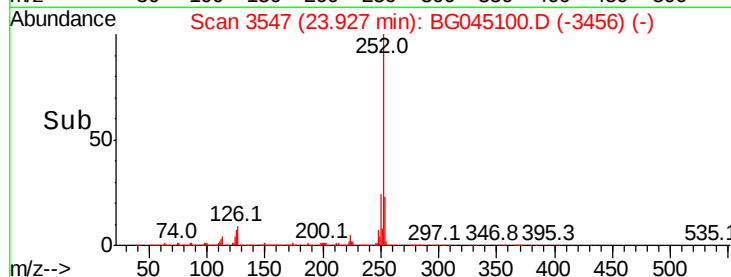
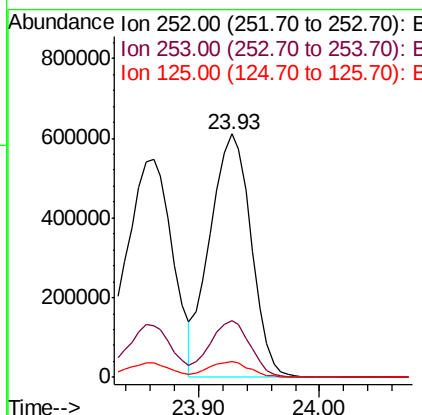
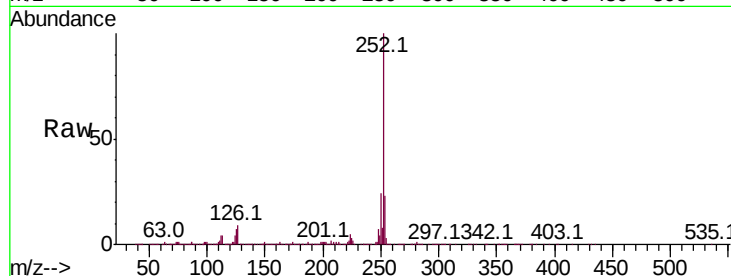




#89
Benzo(k)fluoranthene
Concen: 49.677 ng
RT: 23.93 min Scan# 3547
Delta R.T. 0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

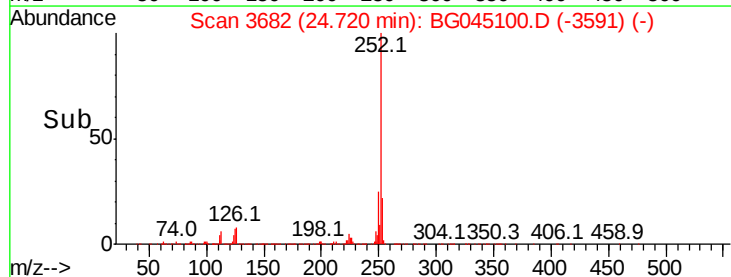
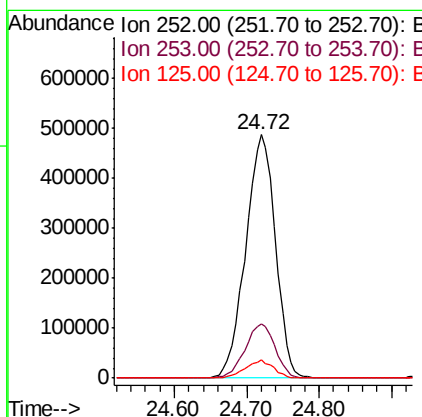
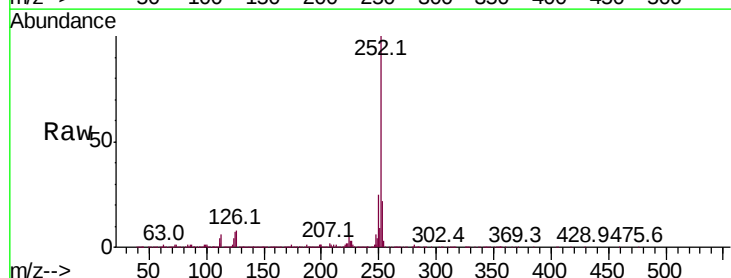
Instrument :
BNA_G
ClientSampleId :
S-2MSD

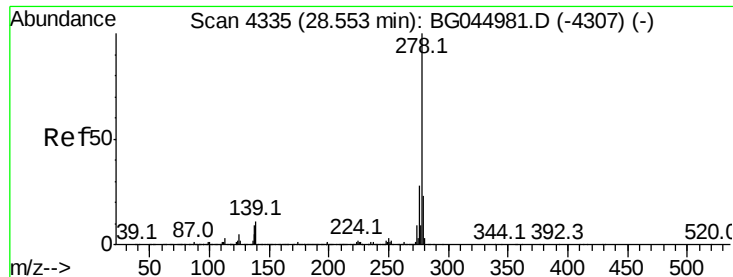
Tot Ion:252 Resp: 1434996
Ion Ratio Lower Upper
252 100
253 23.2 19.2 28.8
125 6.6 5.9 8.9



#90
Benzo(a)pyrene
Concen: 48.369 ng
RT: 24.72 min Scan# 3682
Delta R.T. 0.00 min
Lab File: BG045100.D
Acq: 20 Apr 2020 17:43

Tgt Ion:252 Resp: 1387168
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 7.3 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 50.404 ng

RT: 28.57 min Scan# 4337

Delta R.T. -0.00 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

Instrument :

BNA_G

ClientSampleId :

S-2MSD

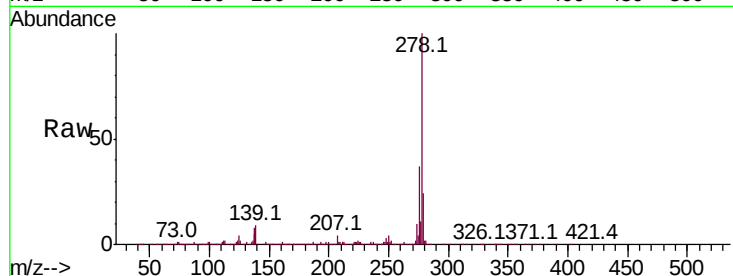
Tot Ion:278 Resp: 1456590

Ion Ratio Lower Upper

278 100

139 8.8 9.0 13.6#

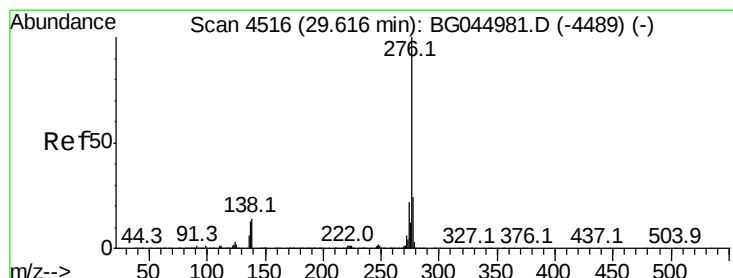
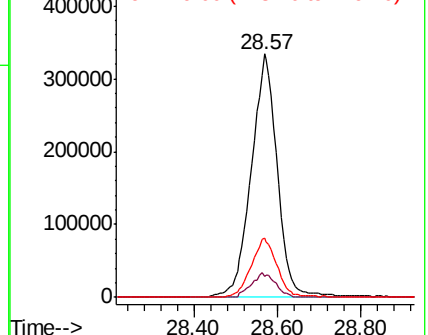
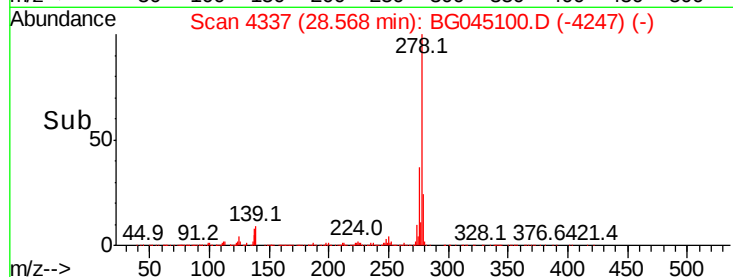
279 24.3 18.4 27.6



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: 48.044 ng

RT: 29.64 min Scan# 4520

Delta R.T. 0.01 min

Lab File: BG045100.D

Acq: 20 Apr 2020 17:43

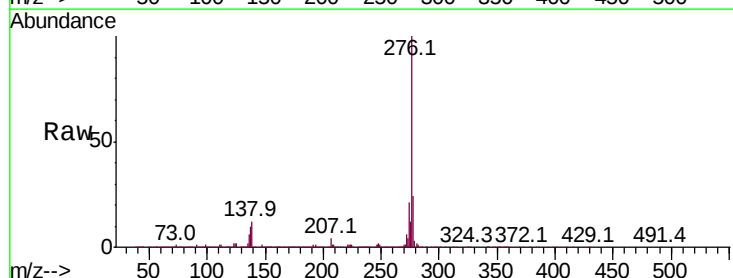
Tgt Ion:276 Resp: 1391922

Ion Ratio Lower Upper

276 100

277 24.1 19.3 28.9

138 11.7 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

