

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
 Data File : BG045154.D
 Acq On : 23 Apr 2020 23:08
 Operator : CG/JU
 Sample : L2258-06MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 24 01:51:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:58:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	73222	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	292483	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	195226	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	385188	20.00	ng	0.00
76) Chrysene-d12	21.66	240	375968	20.00	ng	0.00
87) Perylene-d12	24.84	264	421122	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	245361	55.32	ng	0.00
7) Phenol-d6	7.18	99	355418	53.94	ng	0.00
23) Nitrobenzene-d5	9.17	82	229222	35.76	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	151896	50.36	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	531945	39.95	ng	0.00
79) Terphenyl-d14	20.01	244	774728	44.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	80829	41.008	ng	99
3) Pyridine	3.86	79	242235	39.915	ng	96
4) n-Nitrosodimethylamine	3.78	42	97035	52.194	ng	88
6) Aniline	7.33	93	276469	32.269	ng	96
8) 2-Chlorophenol	7.58	128	287220	60.257	ng	98
9) Benzaldehyde	7.14	77	132411	34.061	ng	98
10) Phenol	7.21	94	383248	58.120	ng	100
11) bis(2-Chloroethyl)ether	7.42	93	267569	50.965	ng	99
12) 1,3-Dichlorobenzene	7.90	146	310749	55.325	ng	97
13) 1,4-Dichlorobenzene	8.05	146	306560	54.774	ng	98
14) 1,2-Dichlorobenzene	8.36	146	298232	55.699	ng	97
15) Benzyl Alcohol	8.25	79	284218	51.444	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	242142	46.986	ng	98
17) 2-Methylphenol	8.46	107	257271	50.568	ng	96
18) Hexachloroethane	9.10	117	118088	56.125	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	226828	48.674	ng	99
20) 3+4-Methylphenols	8.79	107	353264	49.608	ng	97
22) Acetophenone	8.83	105	430287	54.401	ng	# 99
24) Nitrobenzene	9.21	77	350669	53.370	ng	# 96
25) Isophorone	9.74	82	626926	47.759	ng	# 97
26) 2-Nitrophenol	9.93	139	163559	57.790	ng	97
27) 2,4-Dimethylphenol	9.99	122	258080	57.469	ng	94
28) bis(2-Chloroethoxy)methane	10.22	93	353403	51.240	ng	99
29) 2,4-Dichlorophenol	10.47	162	299066	57.674	ng	99
30) 1,2,4-Trichlorobenzene	10.68	180	329084	56.052	ng	96
31) Naphthalene	10.87	128	862269	53.891	ng	99
32) Benzoic acid	10.16	122	215859	57.974	ng	98
33) 4-Chloroaniline	10.97	127	169614	22.730	ng	99
34) Hexachlorobutadiene	11.16	225	219976	54.649	ng	99
35) Caprolactam	11.75	113	55042	26.670	ng	91
36) 4-Chloro-3-methylphenol	12.11	107	318624	52.306	ng	99
37) 2-Methylnaphthalene	12.48	142	636920	51.285	ng	98
38) 1-Methylnaphthalene	12.69	142	632343	53.935	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	364377	57.969	ng	98

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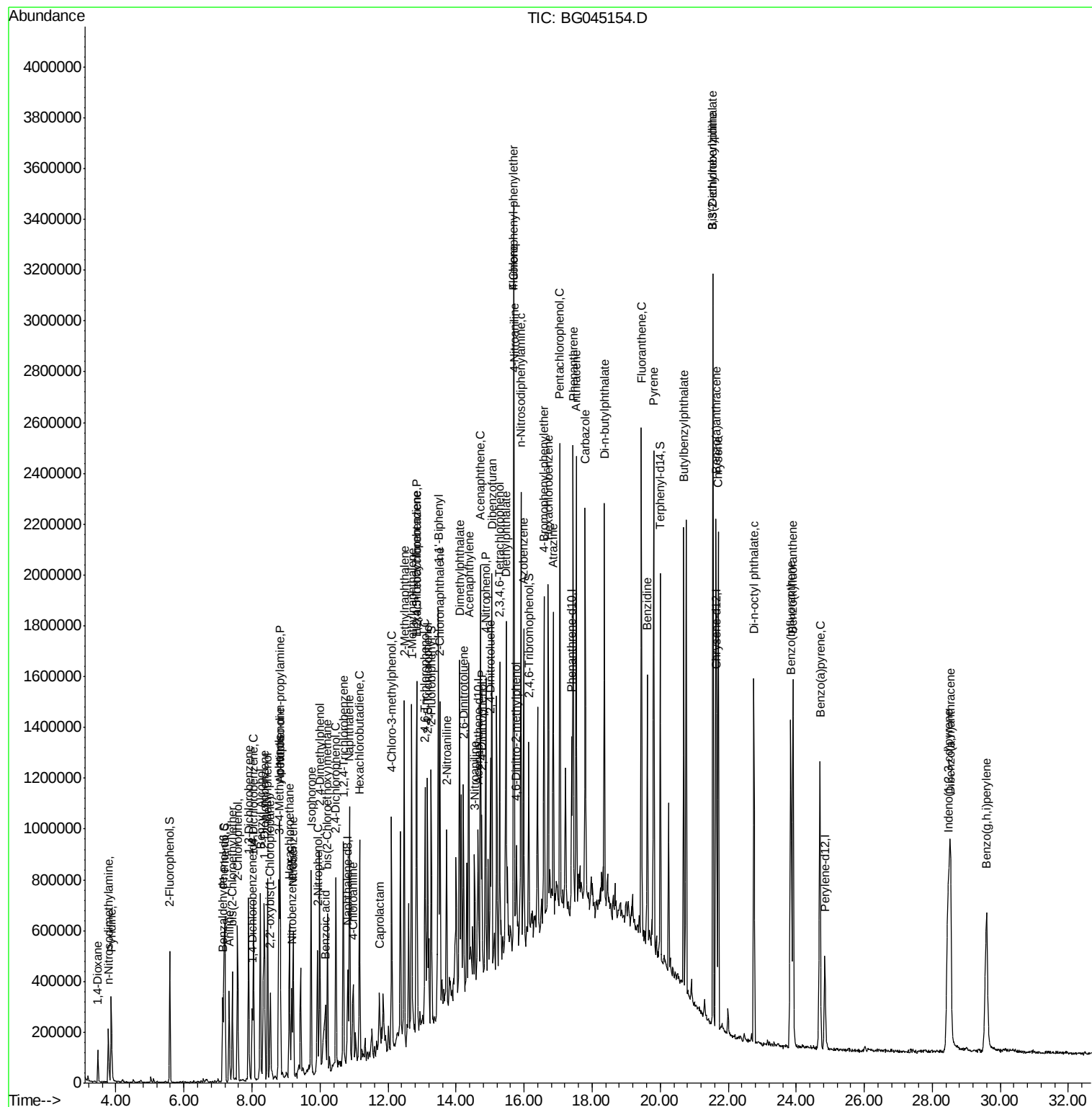
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	237712	60.507	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	255350	57.560	nq	95
44) 2,4,5-Trichlorophenol	13.16	196	273264	54.116	nq	99
46) 1,1'-Biphenyl	13.48	154	774609	52.203	nq	98
47) 2-Chloronaphthalene	13.53	162	628478	55.430	nq	99
48) 2-Nitroaniline	13.72	65	192356	51.564	nq	96
49) Acenaphthylene	14.37	152	953889	51.650	nq	97
50) Dimethylphthalate	14.10	163	852831	53.650	nq	97
51) 2,6-Dinitrotoluene	14.22	165	182406	51.302	nq	98
52) Acenaphthene	14.71	154	602972	48.255	nq	97
53) 3-Nitroaniline	14.54	138	125355	32.146	nq	# 83
54) 2,4-Dinitrophenol	14.75	184	130014	61.495	nq	91
55) Dibenzofuran	15.05	168	932690	51.197	nq	95
56) 4-Nitrophenol	14.87	139	294545	97.416	nq	95
57) 2,4-Dinitrotoluene	15.01	165	247324	47.599	nq	# 96
58) Fluorene	15.70	166	763283	51.295	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	243186	54.125	nq	# 95
60) Diethylphthalate	15.47	149	766697	46.261	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	419198	48.943	nq	100
62) 4-Nitroaniline	15.71	138	135256	33.441	nq	88
63) Azobenzene	15.98	77	763150	49.944	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	100056	39.519	nq	89
66) n-Nitrosodiphenylamine	15.91	169	708711	64.037	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	276225	55.587	nq	97
68) Hexachlorobenzene	16.71	284	298052	57.833	nq	99
69) Atrazine	16.86	200	260663	66.900	nq	99
70) Pentachlorophenol	17.05	266	361082	114.209	nq	98
71) Phenanthrene	17.44	178	1128989	57.038	nq	97
72) Anthracene	17.53	178	1140050	57.418	nq	97
73) Carbazole	17.80	167	1025836	50.912	nq	100
74) Di-n-butylphthalate	18.36	149	1176931	55.010	nq	98
75) Fluoranthene	19.45	202	1272312	56.226	nq	98
77) Benzidine	19.62	184	652133	62.157	nq	98
78) Pyrene	19.81	202	1299028	50.118	nq	100
80) Butylbenzylphthalate	20.69	149	525982	48.956	nq	97
81) Benzo(a)anthracene	21.65	228	1335555	54.808	nq	100
82) 3,3'-Dichlorobenzidine	21.55	252	445919	45.976	nq	# 99
83) Chrysene	21.71	228	1269062	54.203	nq	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	773577	52.352	nq	98
85) Di-n-octyl phthalate	22.76	149	1339043	52.404	nq	99
86) Indeno(1,2,3-cd)pyrene	28.47	276	1688177	54.308	nq	# 98
88) Benzo(b)fluoranthene	23.84	252	1458589	55.294	nq	99
89) Benzo(k)fluoranthene	23.91	252	1407074	56.089	nq	98
90) Benzo(a)pyrene	24.70	252	1343682	53.951	nq	# 98
91) Dibenzo(a,h)anthracene	28.54	278	1381167	55.035	nq	97
92) Benzo(g,h,i)perylene	29.60	276	1268179	50.404	nq	97

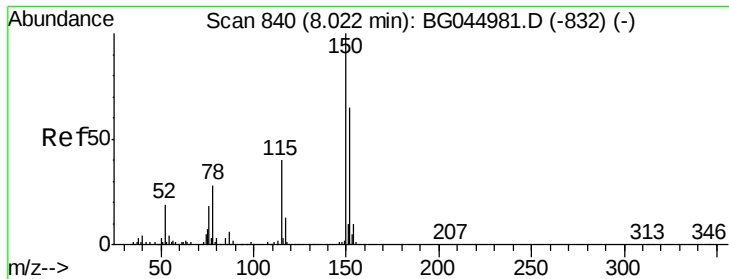
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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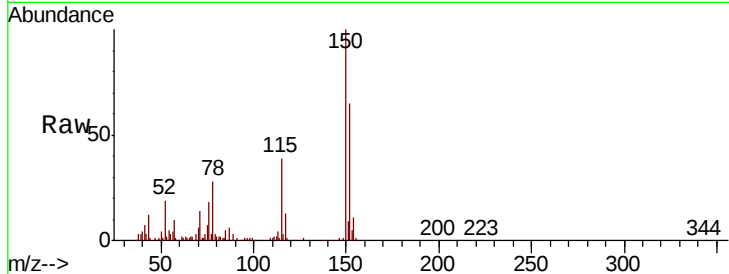


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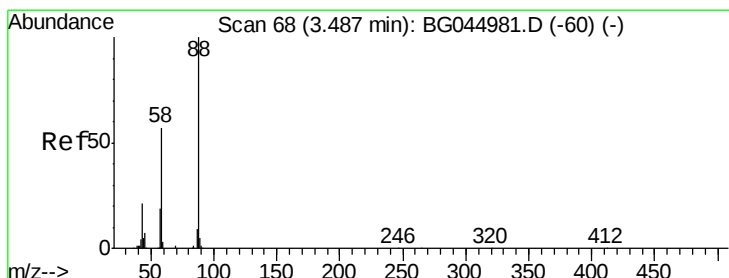
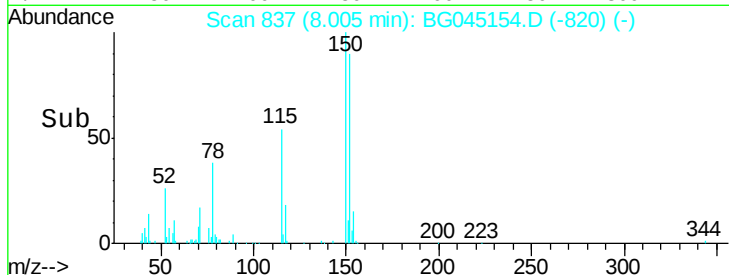
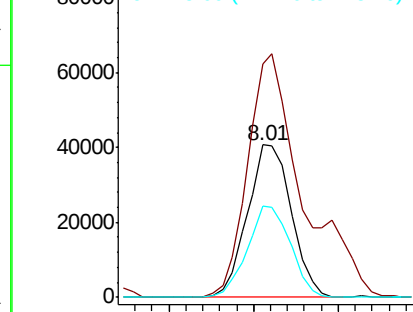
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 73222
Ion Ratio Lower Upper
152 100
150 152.9 123.6 185.4
115 59.9 49.1 73.7



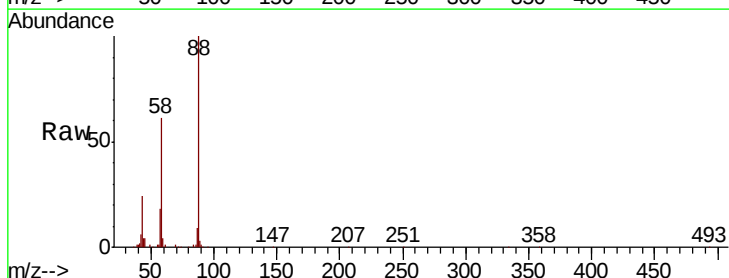
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



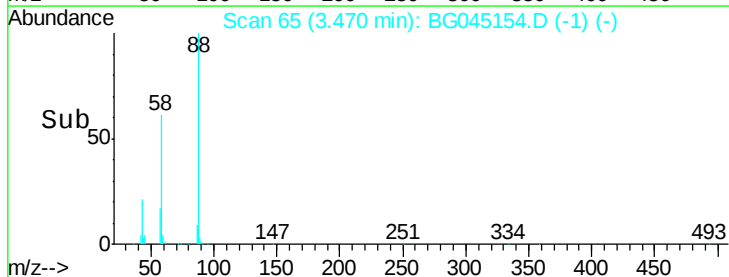
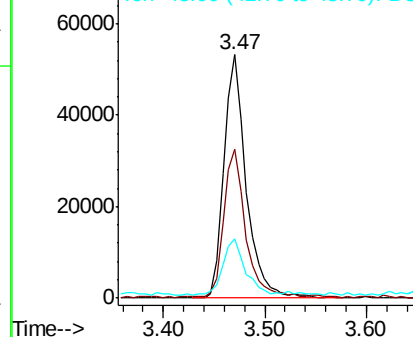
#2

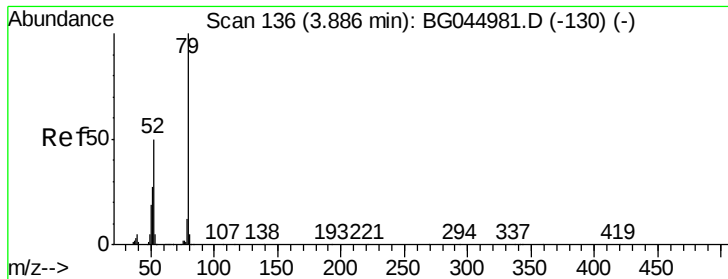
1,4-Dioxane
Concen: 41.008 ng
RT: 3.47 min Scan# 65
Delta R.T. 0.00 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion: 88 Resp: 80829
Ion Ratio Lower Upper
88 100
58 59.2 46.6 69.8
43 22.2 17.5 26.3



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.915 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampleId :

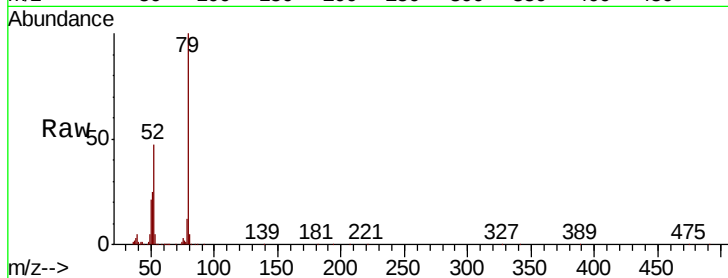
Tot Ion: 79 Resp: 242235

Ion Ratio Lower Upper

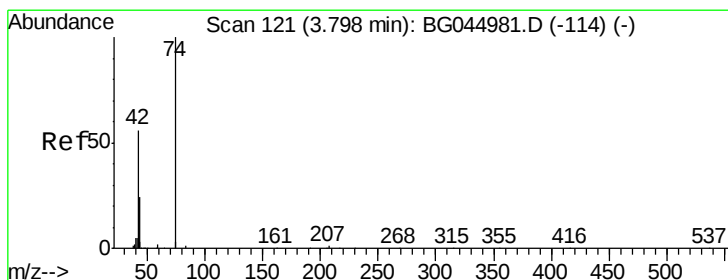
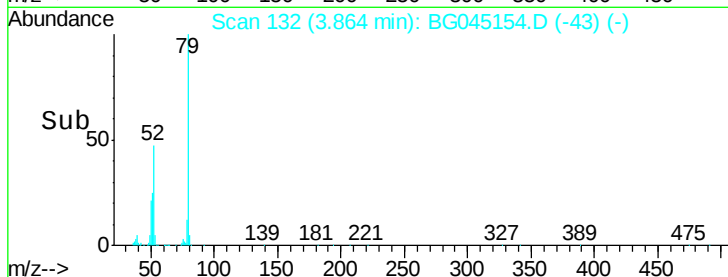
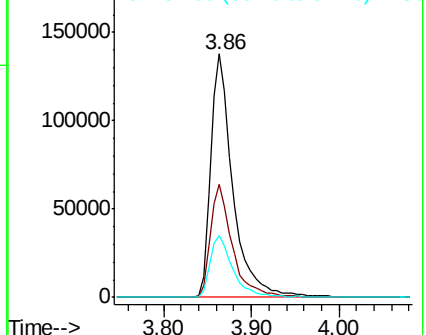
79 100

52 46.6 39.8 59.6

51 25.4 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: 52.194 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

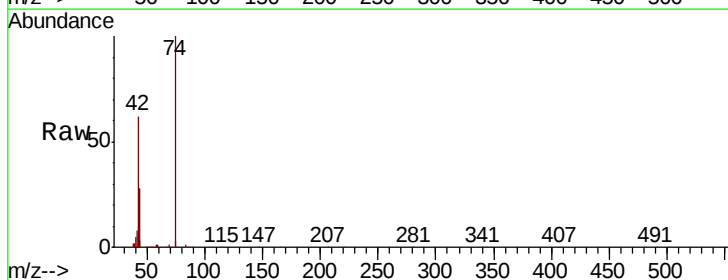
Tgt Ion: 42 Resp: 97035

Ion Ratio Lower Upper

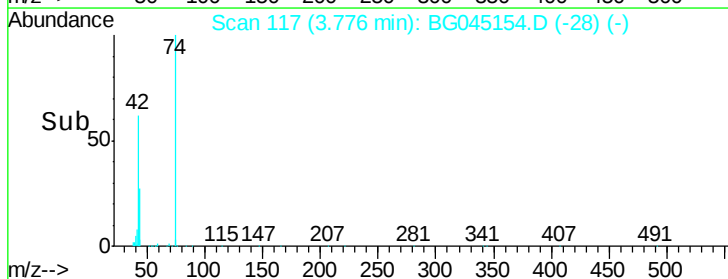
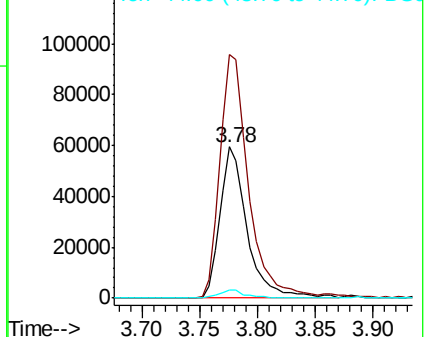
42 100

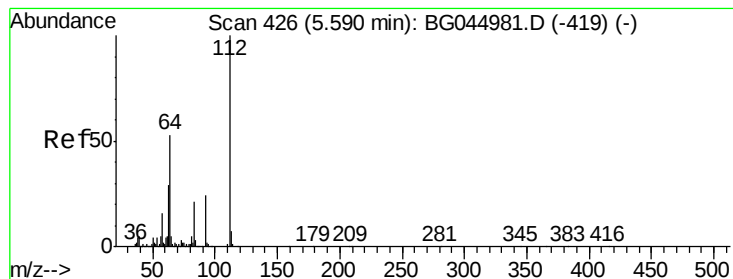
74 161.2 143.0 214.6

44 5.6 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: 55.322 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampleId :

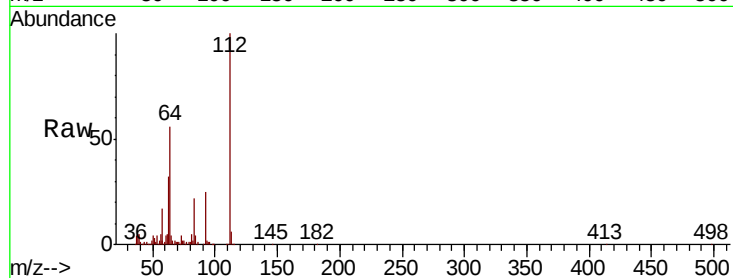
Tot Ion:112 Resp: 245361

Ion Ratio Lower Upper

112 100

64 55.8 42.4 63.6

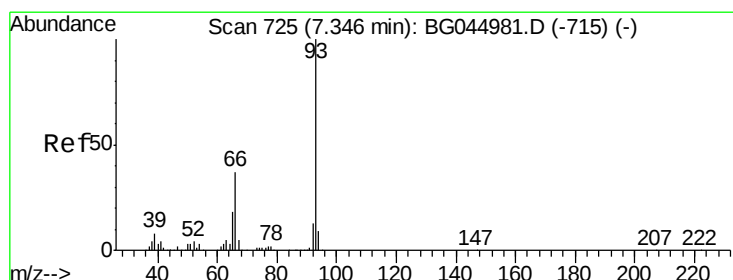
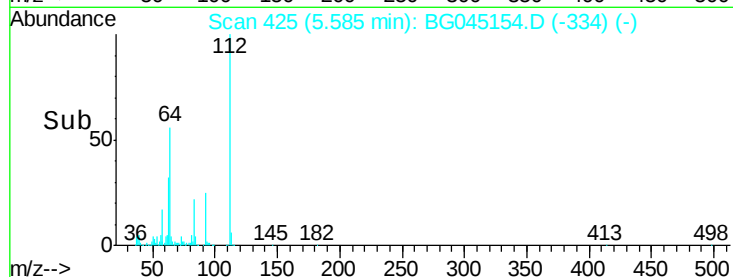
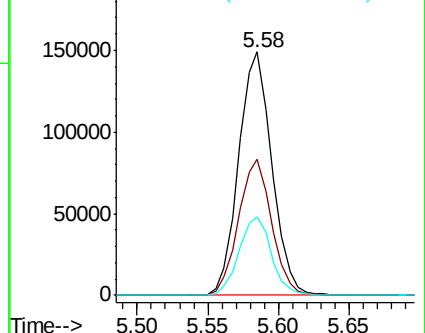
63 32.2 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.269 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

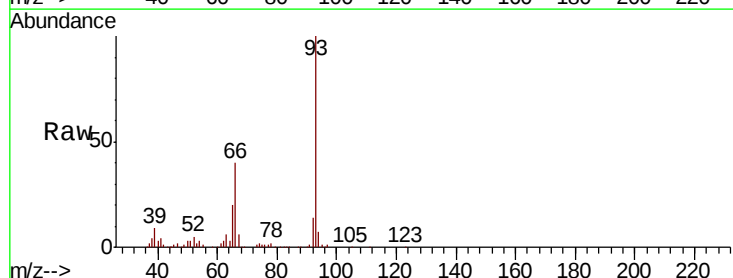
Tgt Ion: 93 Resp: 276469

Ion Ratio Lower Upper

93 100

66 39.9 29.8 44.8

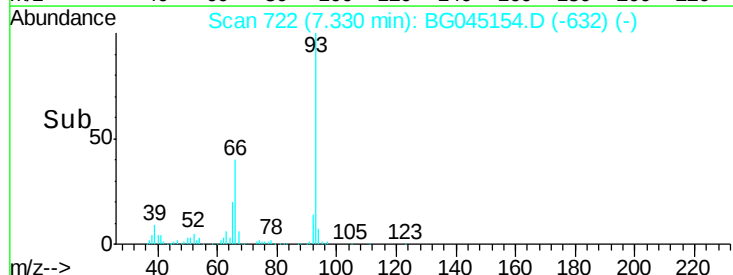
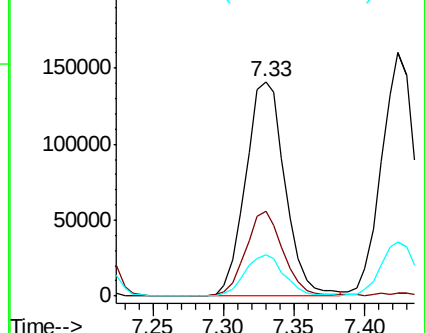
65 19.5 14.6 22.0

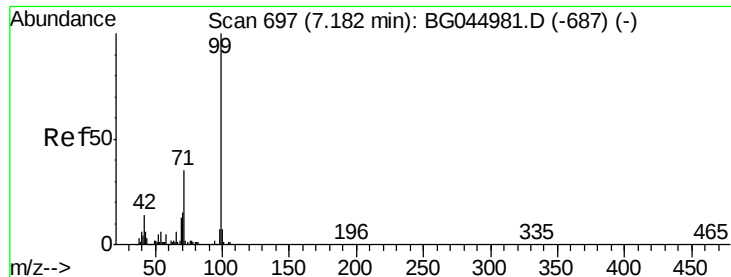


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 53.937 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

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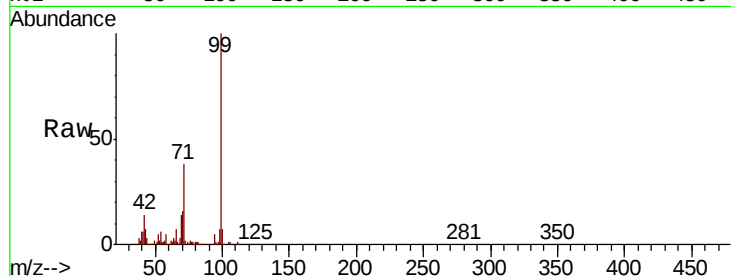
Tot Ion: 99 Resp: 355418

Ion Ratio Lower Upper

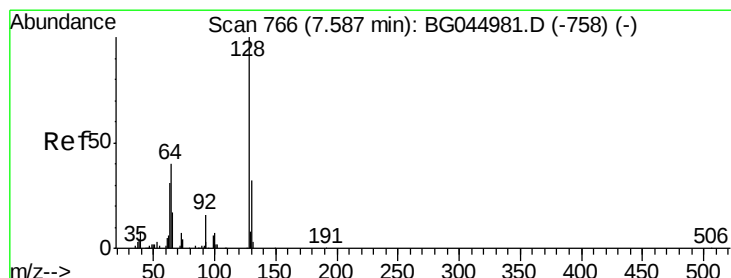
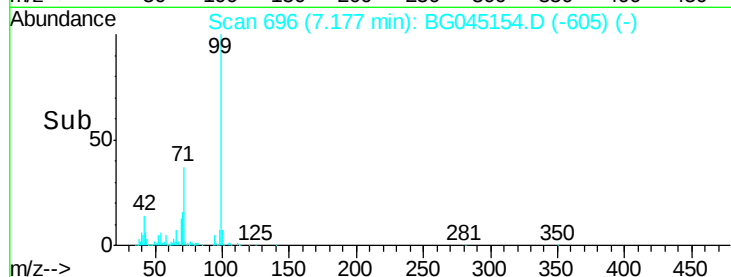
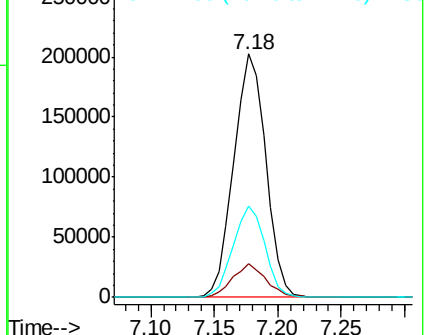
99 100

42 13.9 11.3 16.9

71 37.5 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: 60.257 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

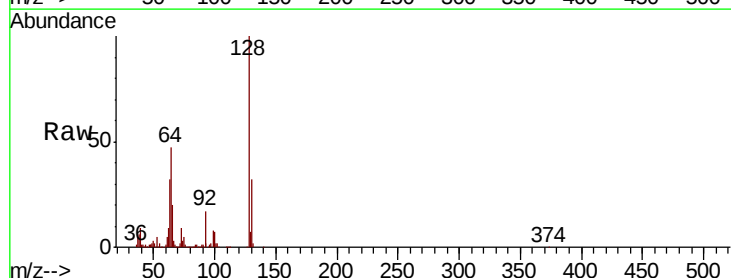
Tgt Ion: 128 Resp: 287220

Ion Ratio Lower Upper

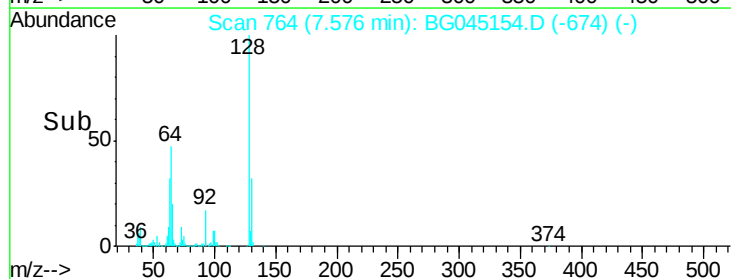
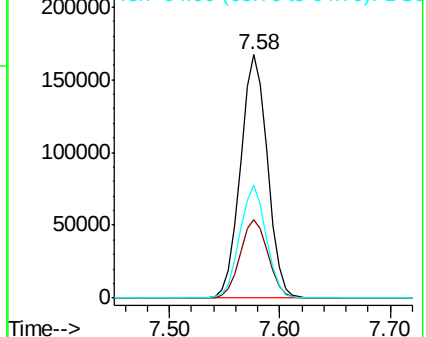
128 100

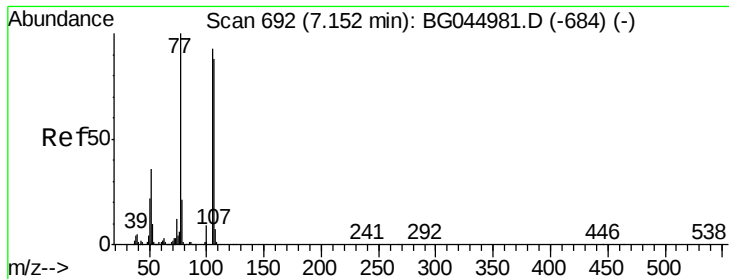
130 32.0 12.3 52.3

64 46.5 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: 34.061 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.01 min

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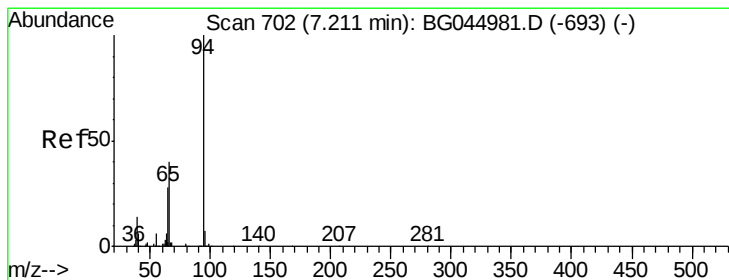
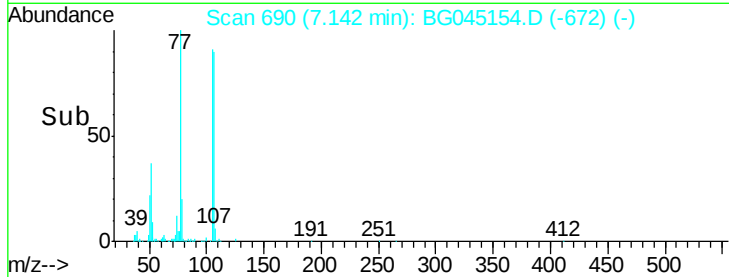
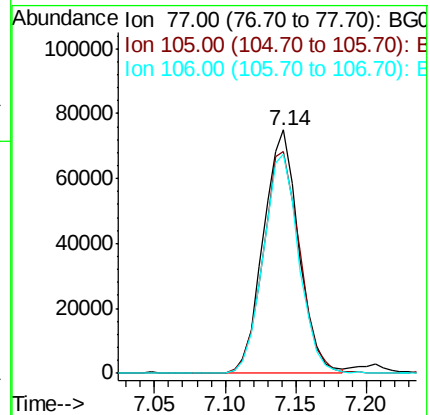
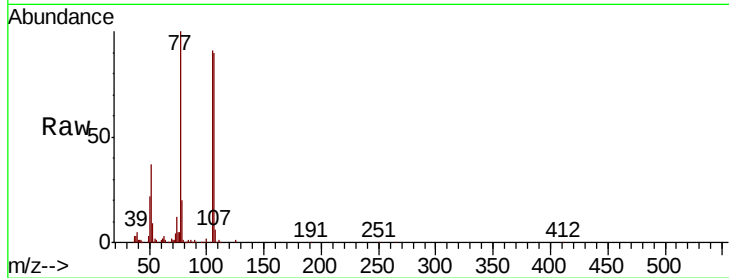
Tot Ion: 77 Resp: 132411

Ion Ratio Lower Upper

77 100

105 91.3 72.9 112.9

106 90.1 67.6 107.6



#10

Phenol

Concen: 58.120 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

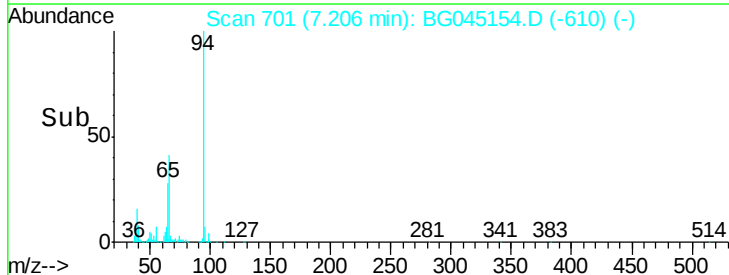
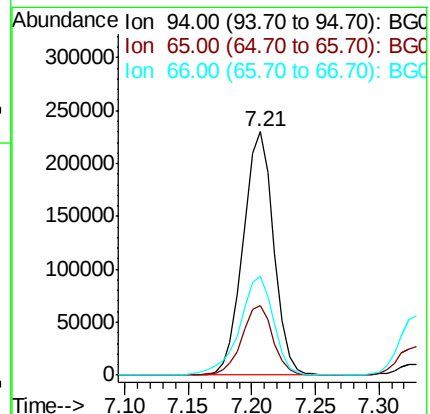
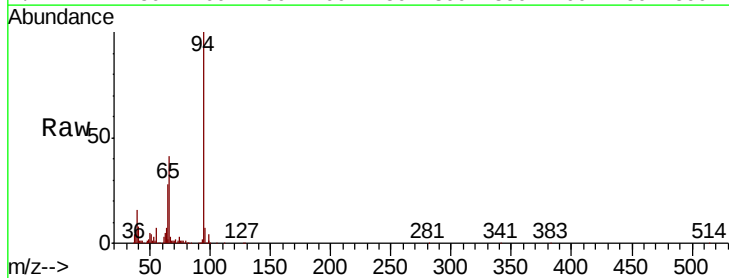
Tgt Ion: 94 Resp: 383248

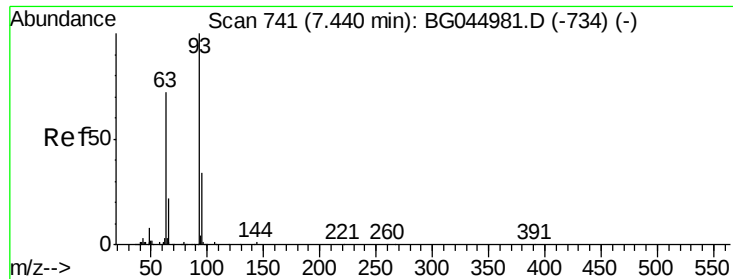
Ion Ratio Lower Upper

94 100

65 28.4 8.2 48.2

66 40.7 20.4 60.4

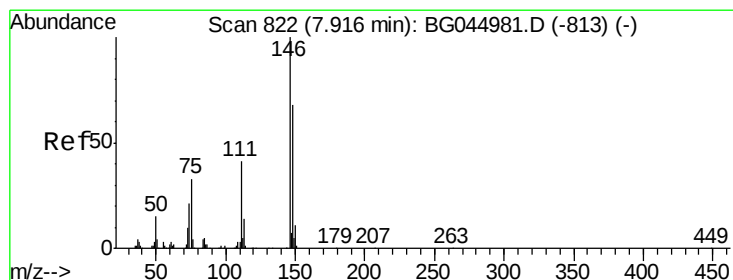
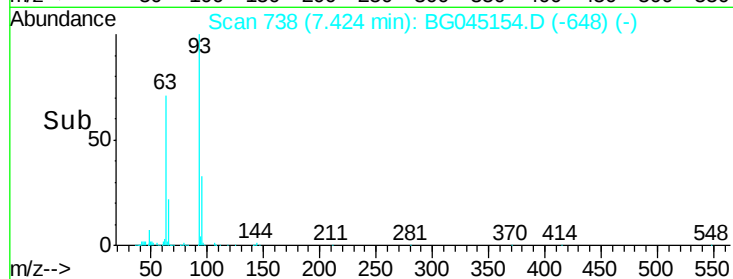
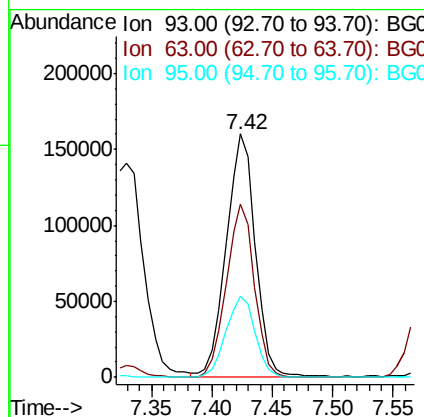
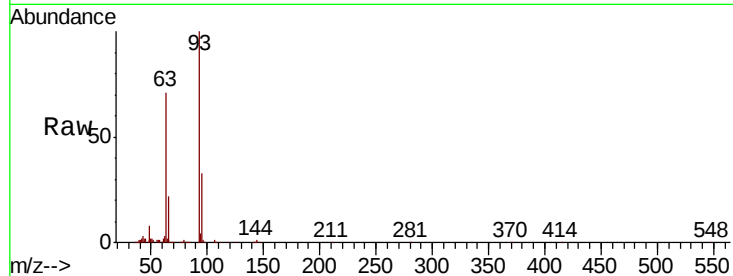




#11
 bis(2-Chloroethyl)ether
 Concen: 50.965 ng
 RT: 7.42 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

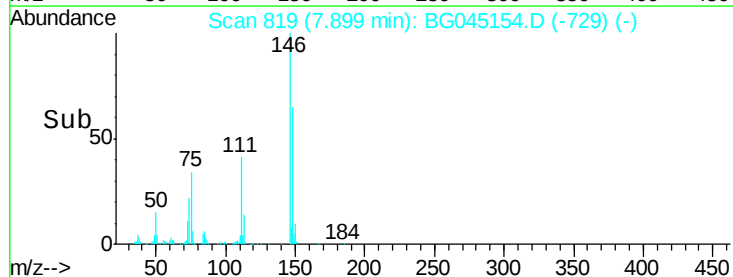
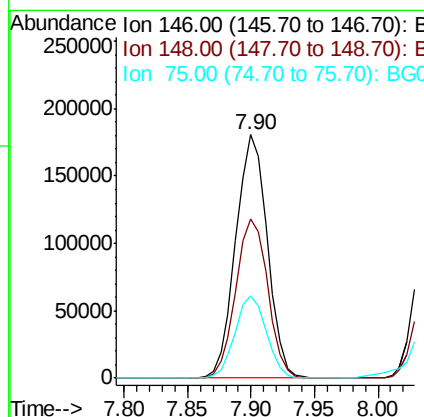
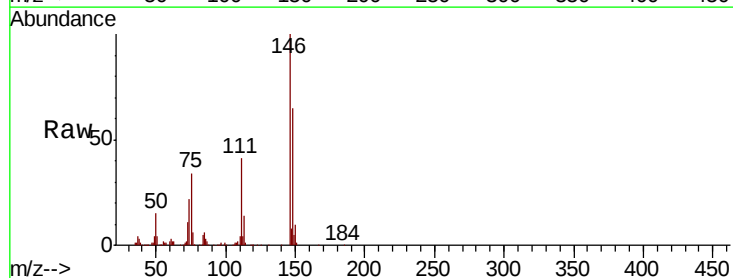
Instrument :
 BNA_G
 ClientSampleId :

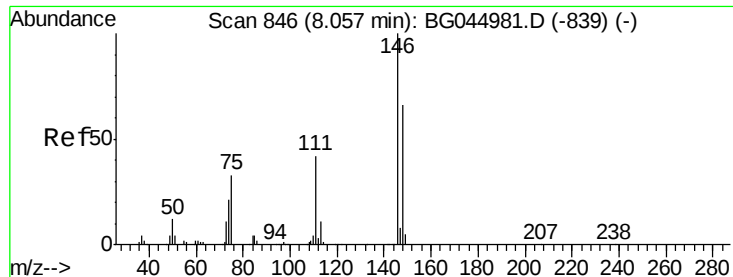
Tot Ion	93	Resp	267569
Ion Ratio	Lower	Upper	
93	100		
63	71.3	51.8	91.8
95	33.3	13.8	53.8



#12
 1,3-Dichlorobenzene
 Concen: 55.325 ng
 RT: 7.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion	146	Resp	310749
Ion Ratio	Lower	Upper	
146	100		
148	65.5	54.6	81.8
75	33.7	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 54.774 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampleId :

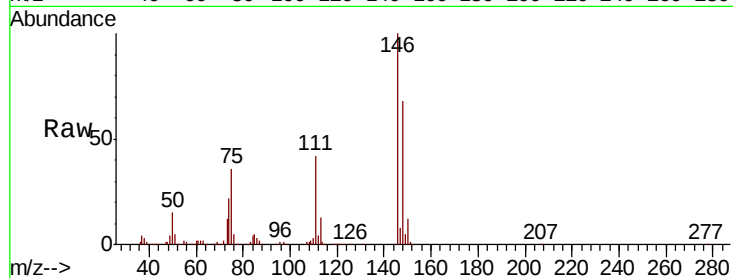
Tot Ion:146 Resp: 306560

Ion Ratio Lower Upper

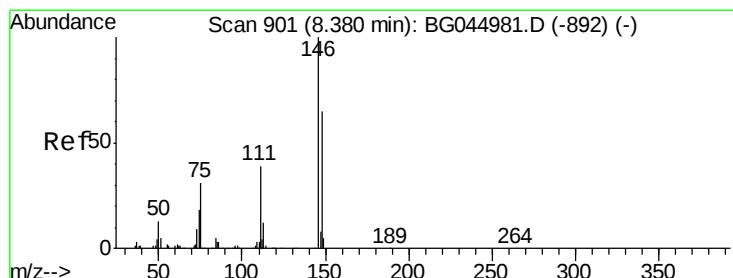
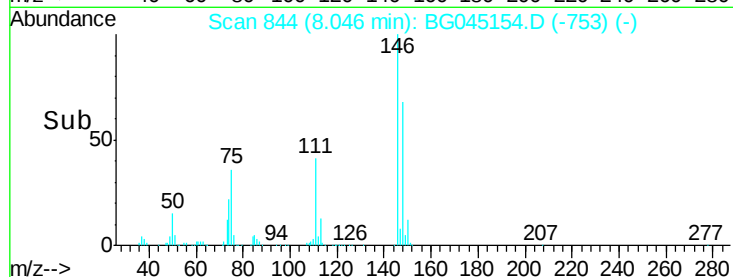
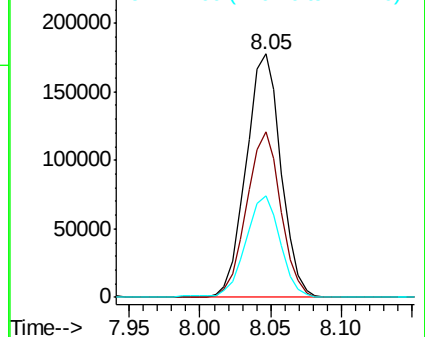
146 100

148 68.2 53.3 79.9

111 41.7 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: 55.699 ng

RT: 8.36 min Scan# 898

Delta R.T. 0.00 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

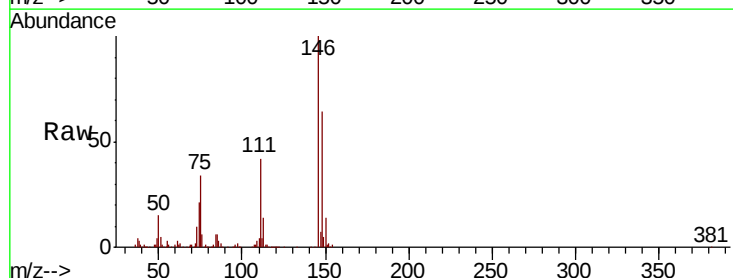
Tgt Ion:146 Resp: 298232

Ion Ratio Lower Upper

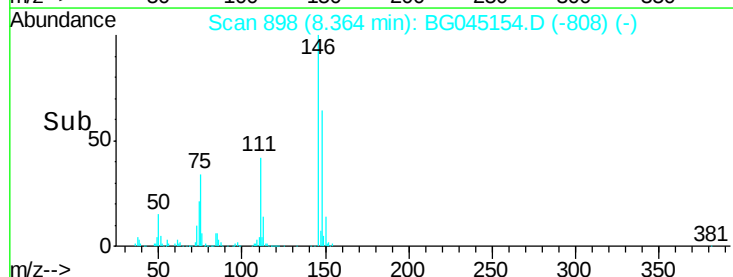
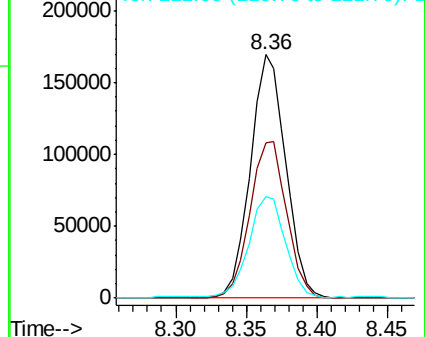
146 100

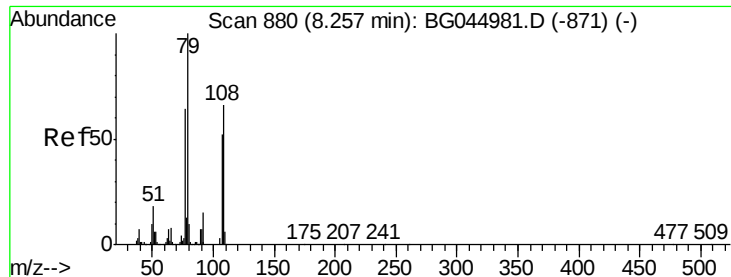
148 63.7 51.9 77.9

111 41.9 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: 51.444 ng

RT: 8.25 min Scan# 878

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampleId :

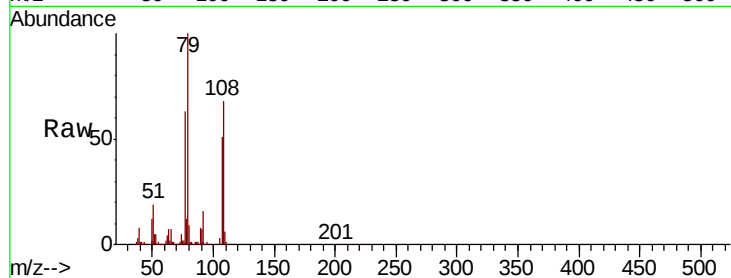
Tot Ion: 79 Resp: 284218

Ion Ratio Lower Upper

79 100

108 67.7 52.7 79.1

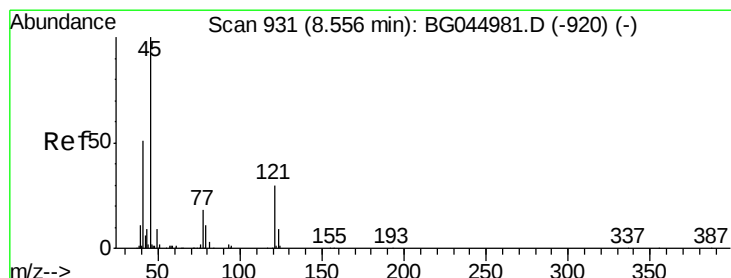
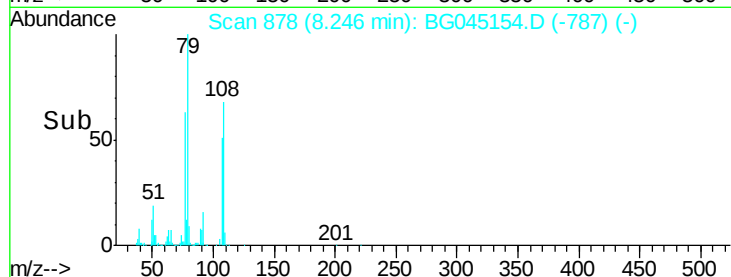
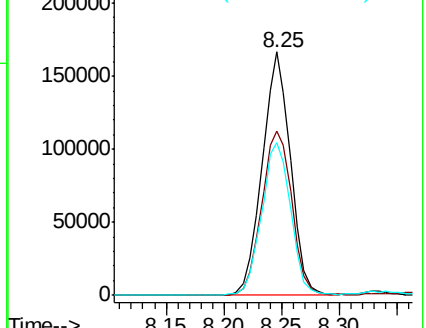
77 62.7 51.3 76.9



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: 46.986 ng

RT: 8.54 min Scan# 928

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

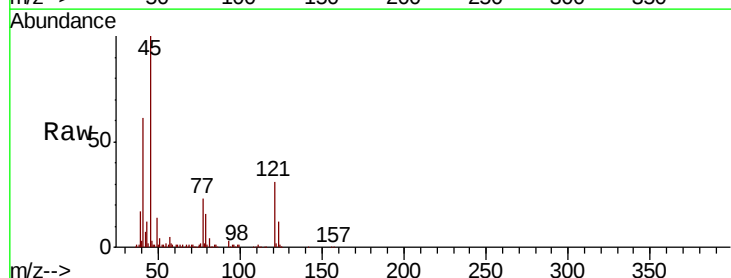
Tgt Ion: 45 Resp: 242142

Ion Ratio Lower Upper

45 100

77 23.2 1.9 41.9

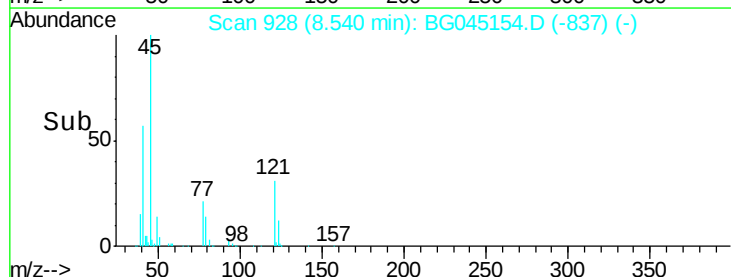
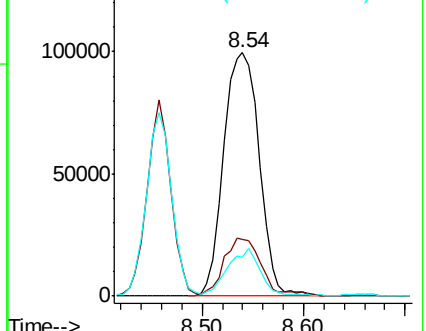
79 16.1 0.0 35.5

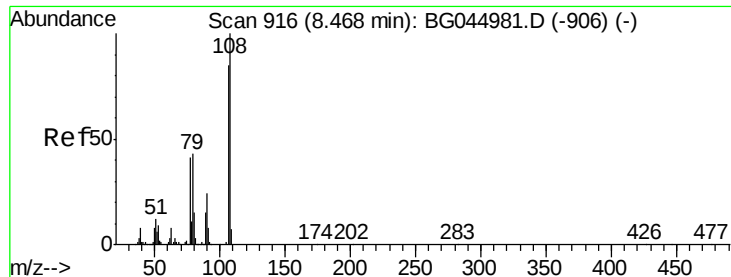


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 50.568 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 257271

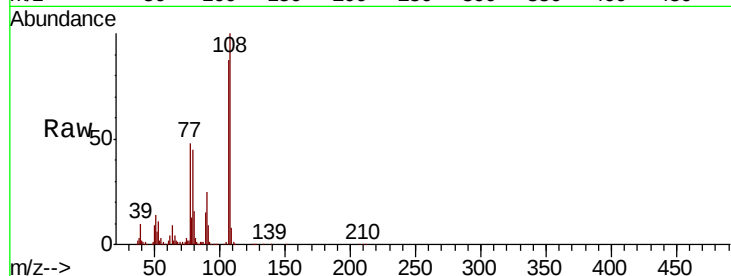
Ion Ratio Lower Upper

107 100

108 115.1 93.8 140.6

77 55.0 38.5 57.7

79 51.4 40.1 60.1



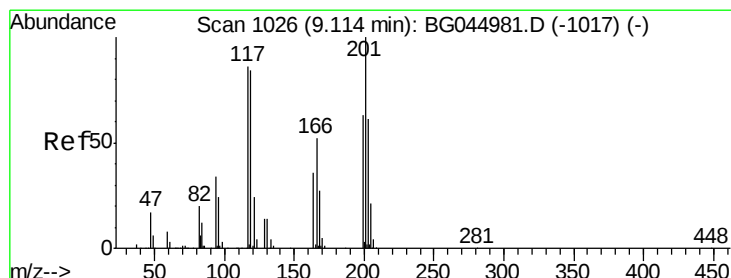
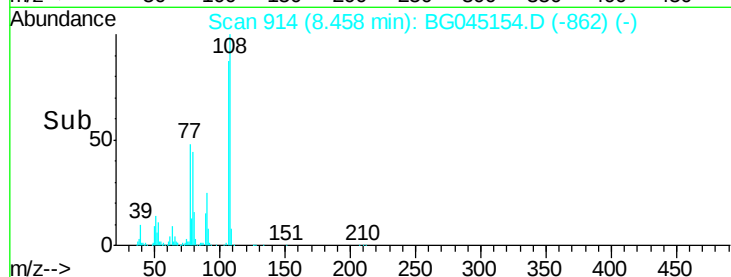
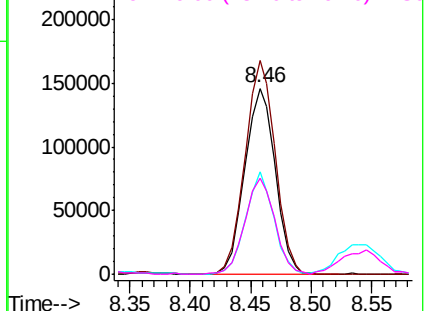
Abundance

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: 56.125 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

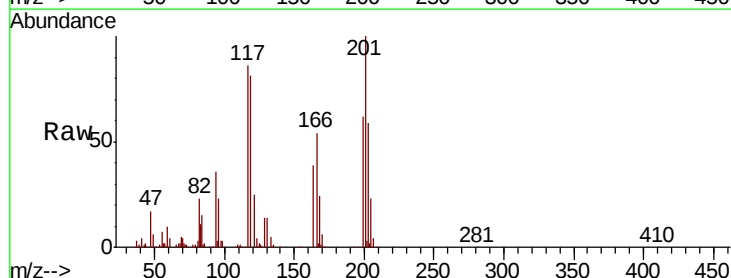
Tgt Ion:117 Resp: 118088

Ion Ratio Lower Upper

117 100

119 94.7 78.3 117.5

201 116.8 92.9 139.3

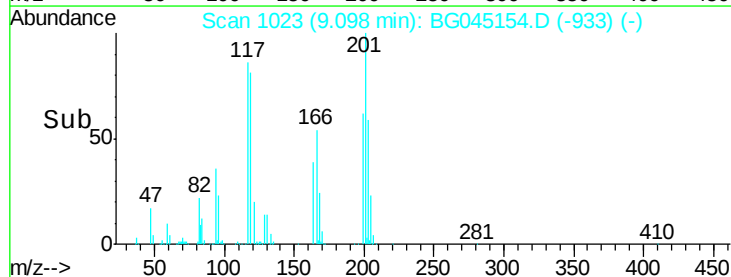
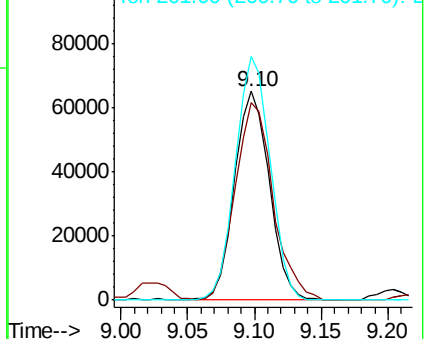


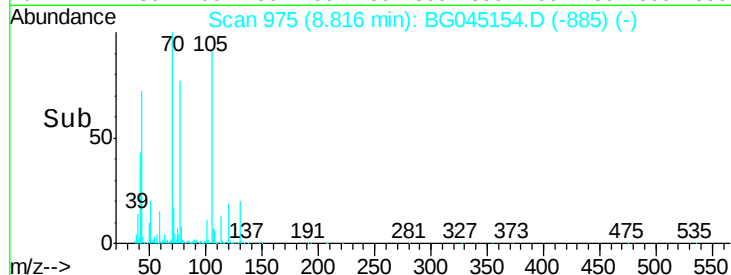
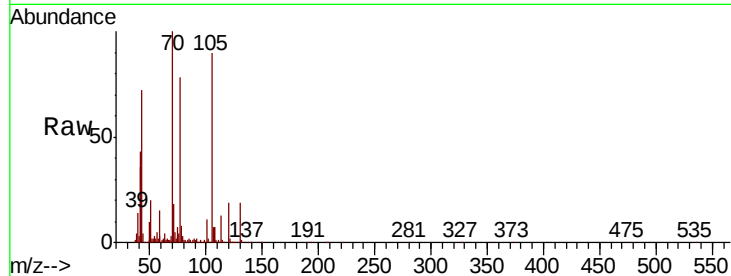
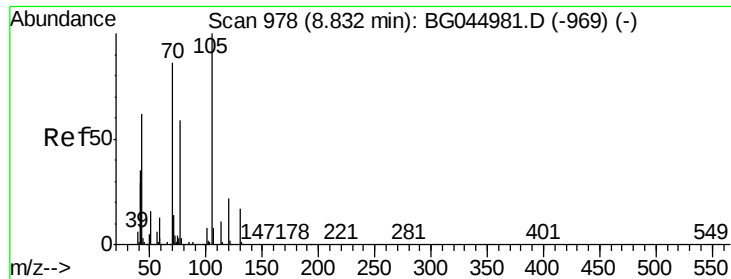
Abundance

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

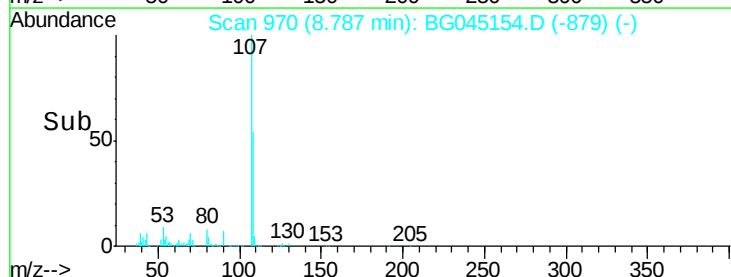
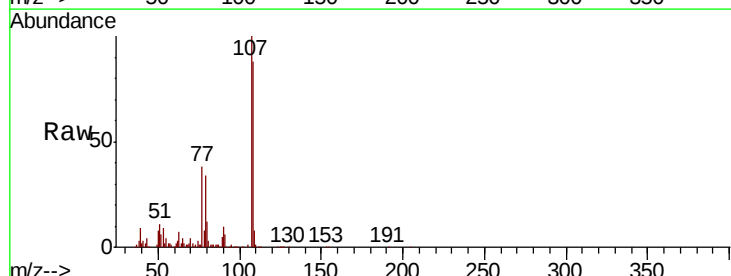
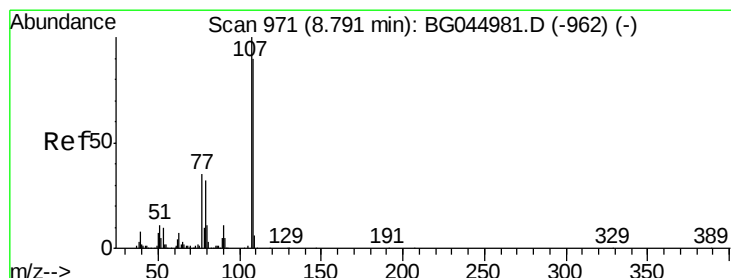
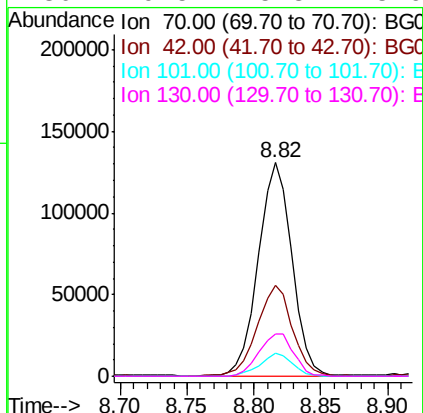




#19
n-Nitroso-di-n-propylamine
Concen: 48.674 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

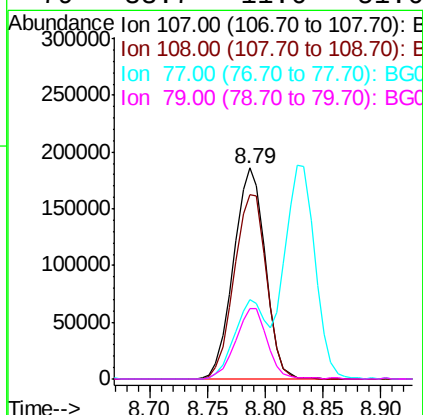
Instrument :
BNA_G
ClientSampleId :

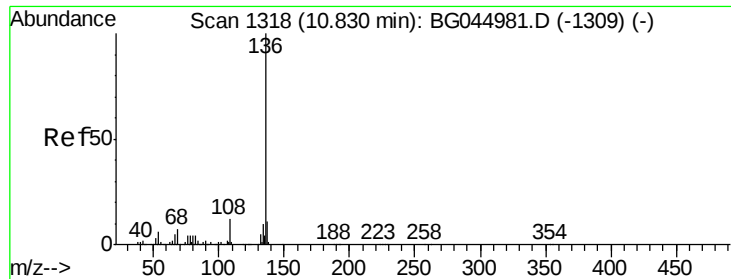
Tot Ion:	70	Resp:	226828
Ion	Ratio	Lower	Upper
70	100		
42	42.5	33.3	49.9
101	10.5	7.8	11.8
130	19.5	15.8	23.6



#20
3+4-Methylphenols
Concen: 49.608 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion:	107	Resp:	353264
Ion	Ratio	Lower	Upper
107	100		
108	87.5	69.9	109.9
77	37.8	15.2	55.2
79	33.7	11.6	51.6

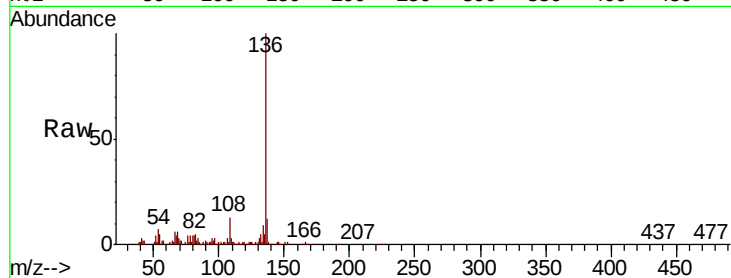




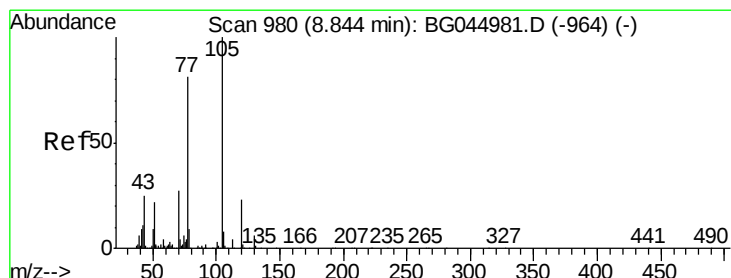
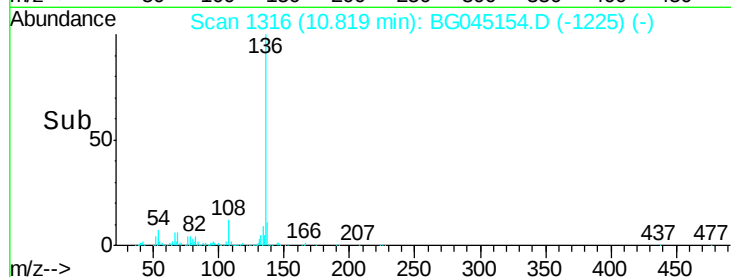
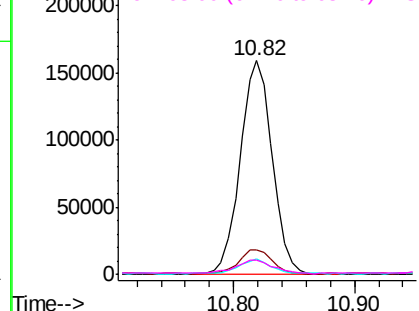
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	292483
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.6	13.0
54 7.3	4.8	7.2#
68 6.4	5.2	7.8

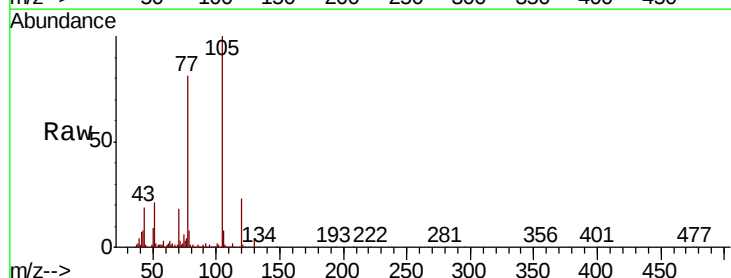


Abundance Ion 136.00 (135.70 to 136.70): E
250000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

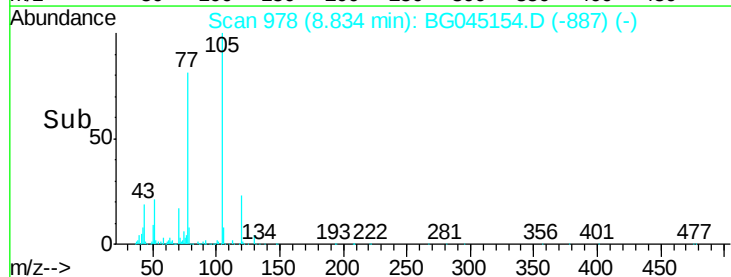
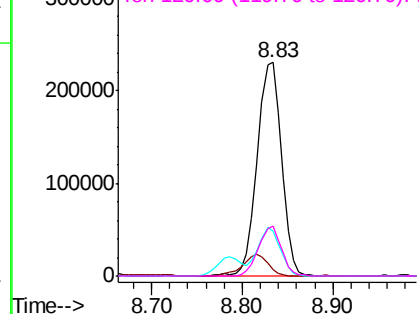


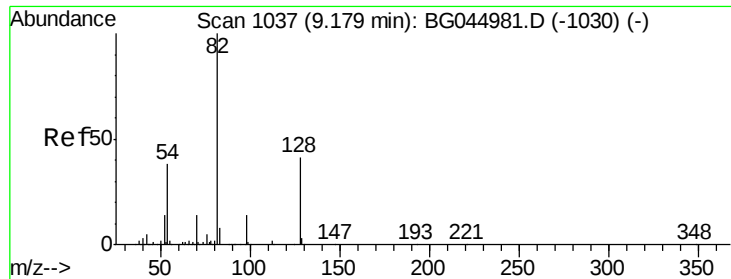
#22
Acetophenone
Concen: 54.401 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt	Ion:105	Resp:	430287
Ion	Ratio	Lower	Upper
105	100		
71	3.1	3.3	4.9#
51	21.1	17.3	25.9
120	23.5	18.4	27.6



Abundance Ion 105.00 (104.70 to 105.70): E
300000
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

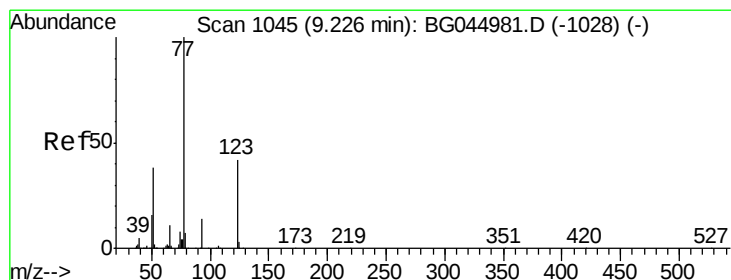
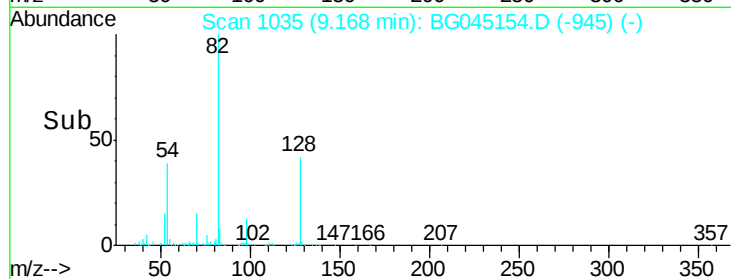
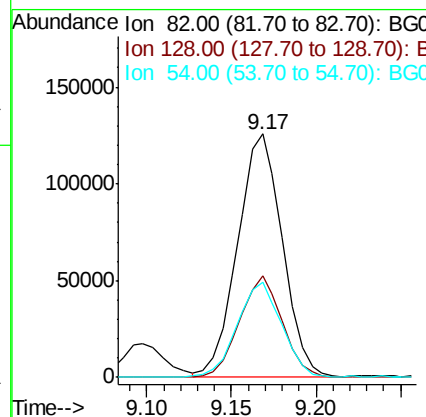
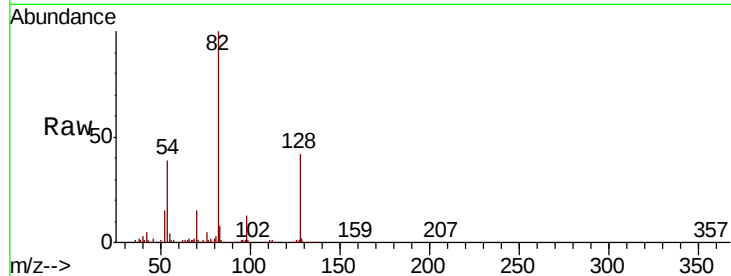




#23
Nitrobenzene-d5
Concen: 35.760 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

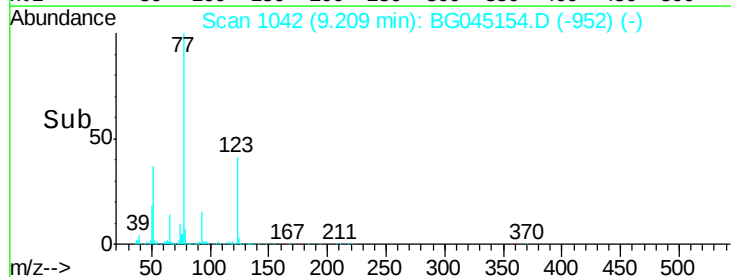
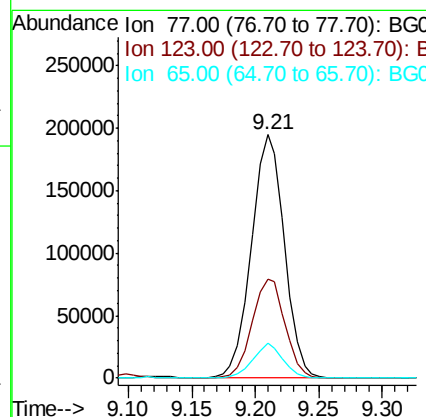
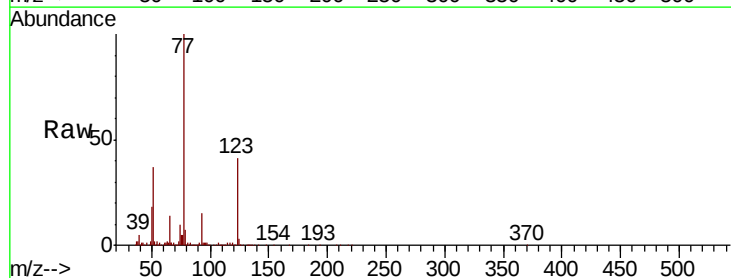
Instrument :
BNA_G
ClientSampleId :

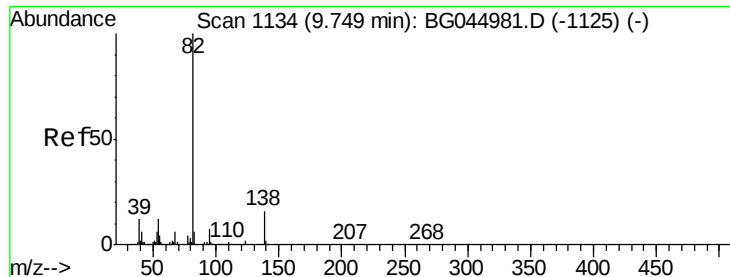
Tot Ion	82.00	Resp	229222
Ion Ratio	Lower	Upper	
82	100		
128	41.8	33.0	49.4
54	39.1	30.4	45.6



#24
Nitrobenzene
Concen: 53.370 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	77.00	Resp	350669
Ion Ratio	Lower	Upper	
77	100		
123	40.8	34.3	51.5
65	14.4	8.9	13.3





#25

Isophorone

Concen: 47.759 ng

RT: 9.74 min Scan# 1132

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampled :

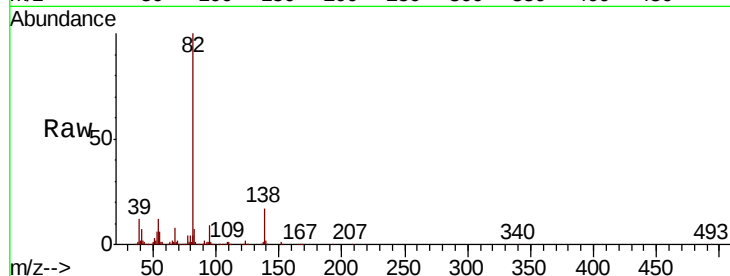
Tot Ion: 82 Resp: 626926

Ion Ratio Lower Upper

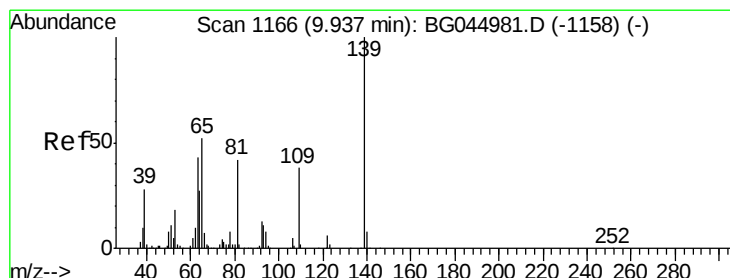
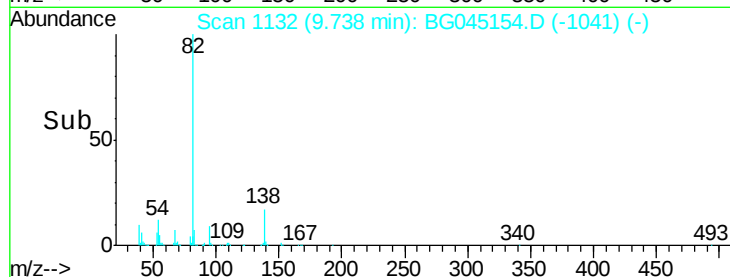
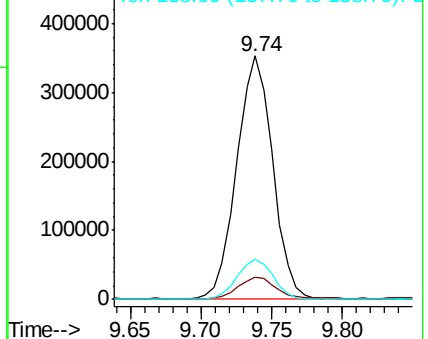
82 100

95 9.1 6.0 9.0#

138 16.7 12.7 19.1



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



#26

2-Nitrophenol

Concen: 57.790 ng

RT: 9.93 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

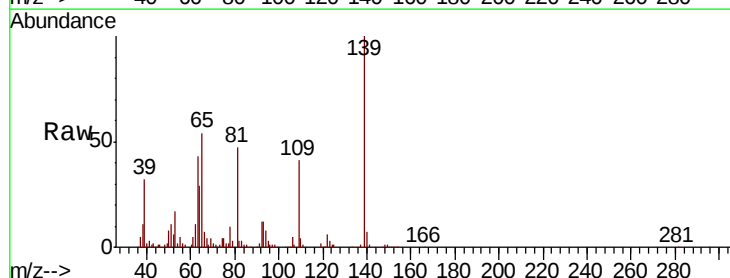
Tgt Ion: 139 Resp: 163559

Ion Ratio Lower Upper

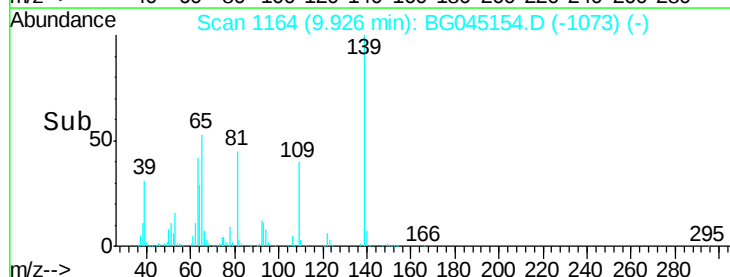
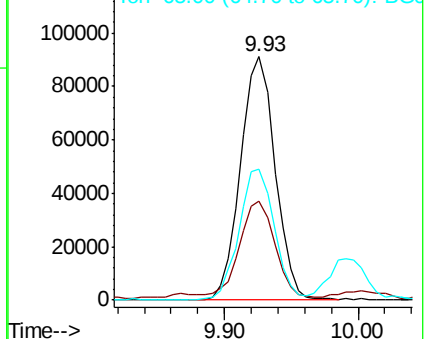
139 100

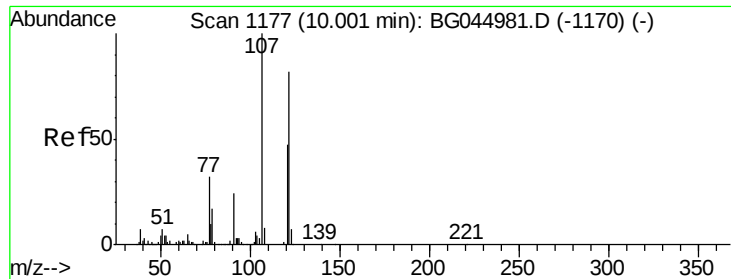
109 40.9 30.6 45.8

65 53.9 41.8 62.6



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

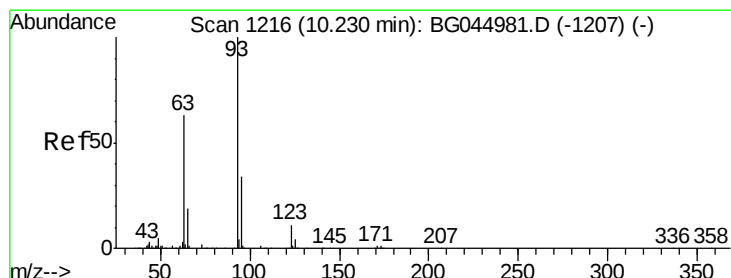
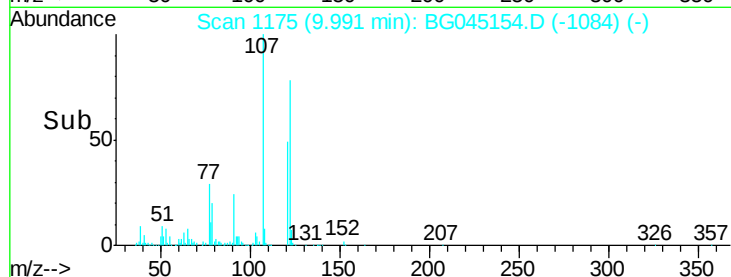
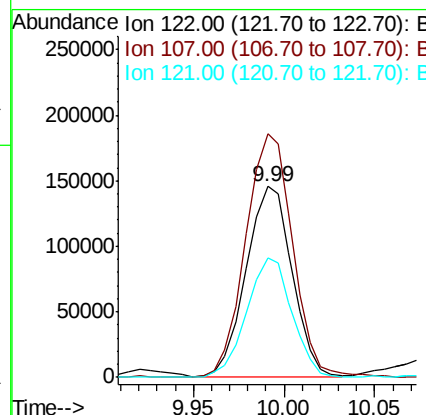
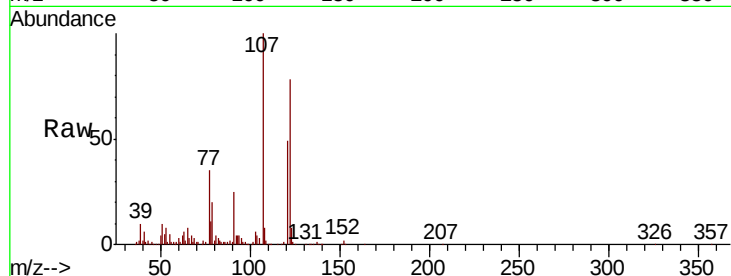




#27
2,4-Dimethylphenol
Concen: 57.469 ng
RT: 9.99 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

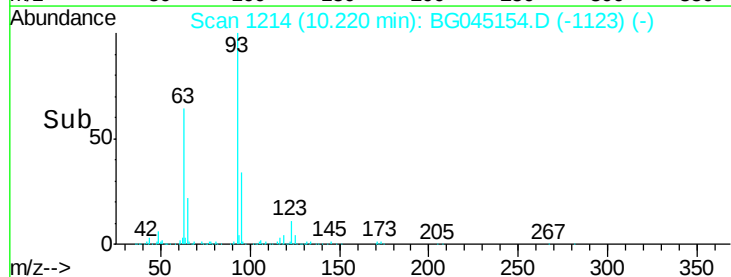
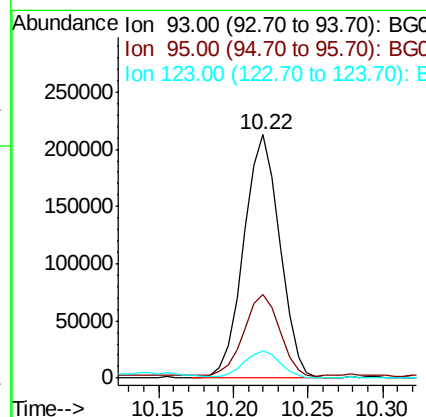
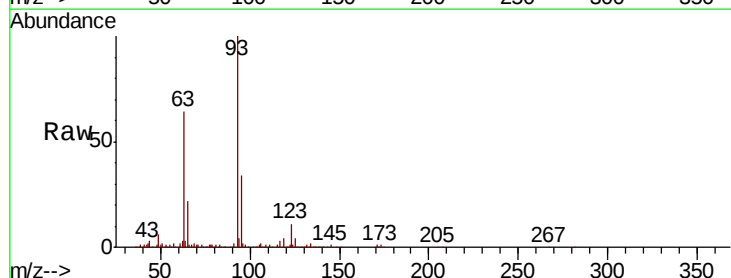
Instrument :
BNA_G
ClientSampled :

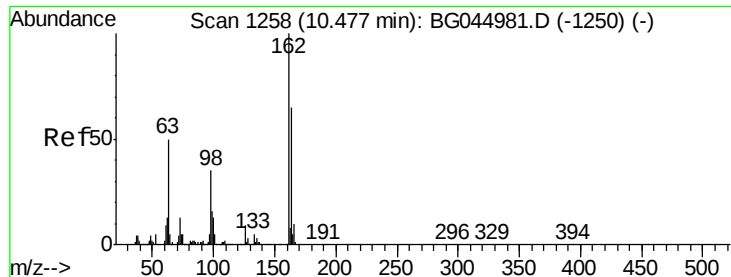
Tot Ion	Ratio	Lower	Upper
122	100		
107	127.6	96.8	145.2
121	62.5	45.6	68.4



#28
bis(2-Chloroethoxy)methane
Concen: 51.240 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	27.0	40.4
123	11.2	8.7	13.1

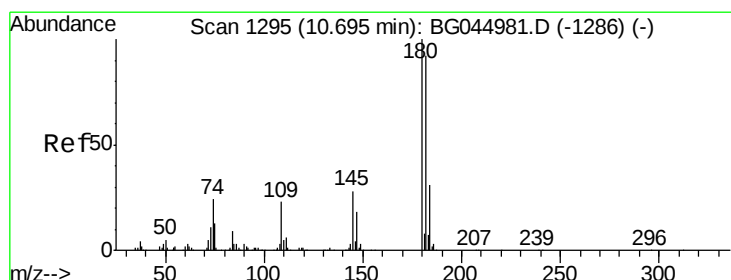
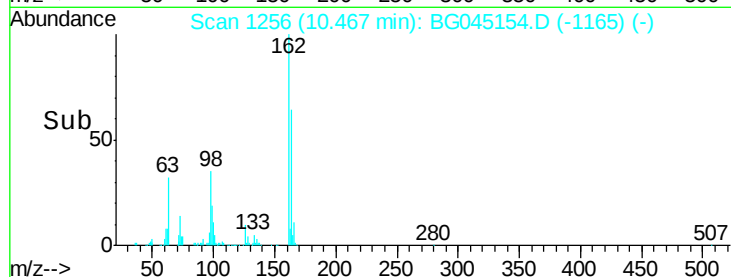
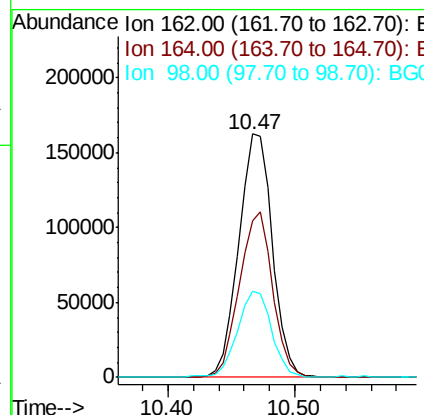
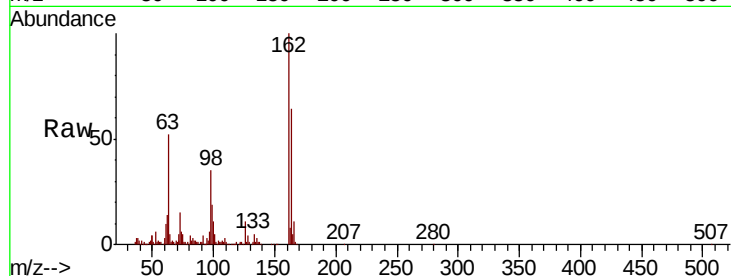




#29
 2,4-Dichlorophenol
 Concen: 57.674 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

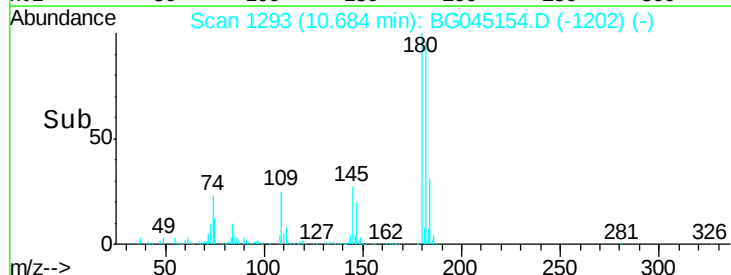
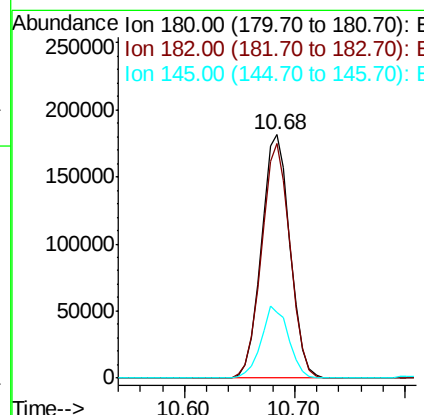
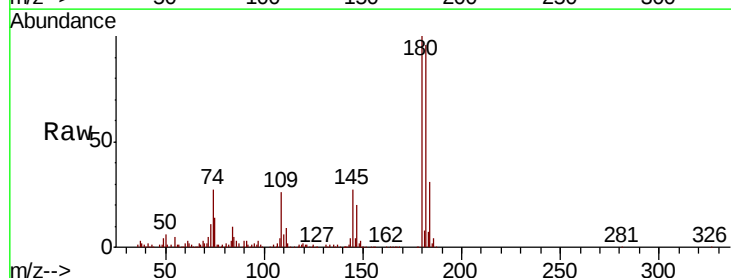
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.0	85.0
98	35.2	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 56.052 ng
 RT: 10.68 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	73.3	109.9
145	26.7	22.6	33.8

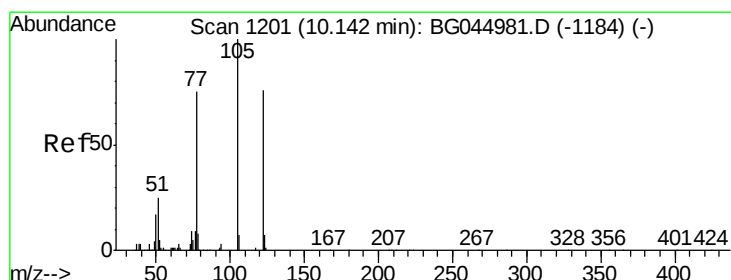
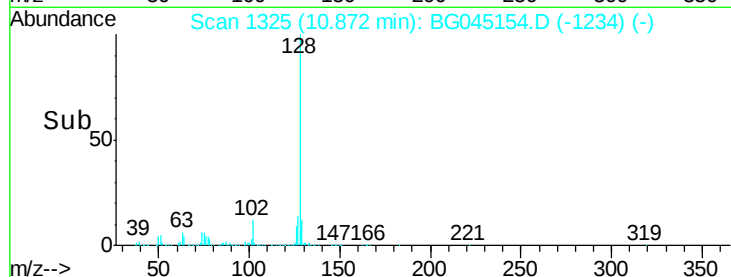
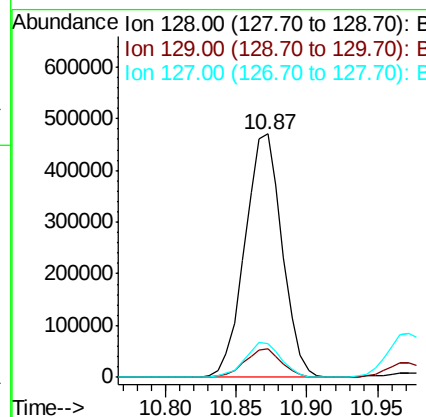
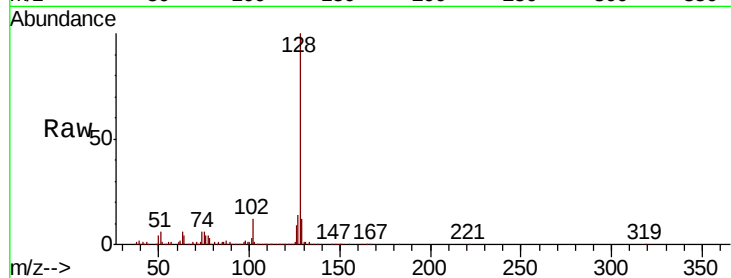




#31
Naphthalene
Concen: 53.891 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

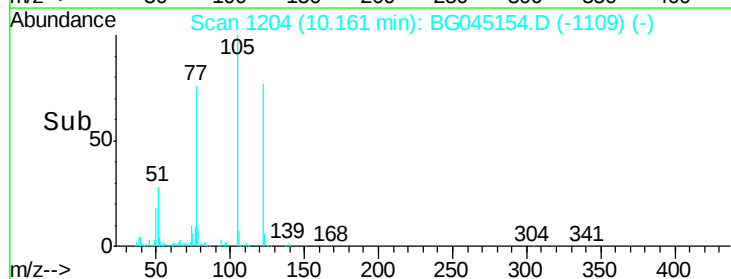
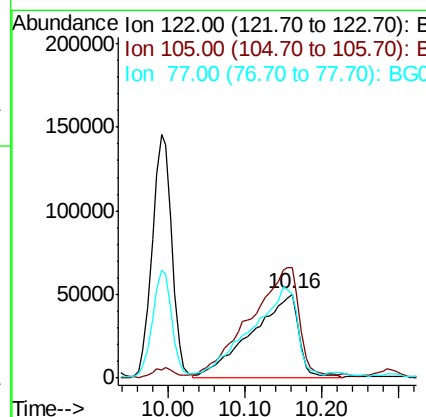
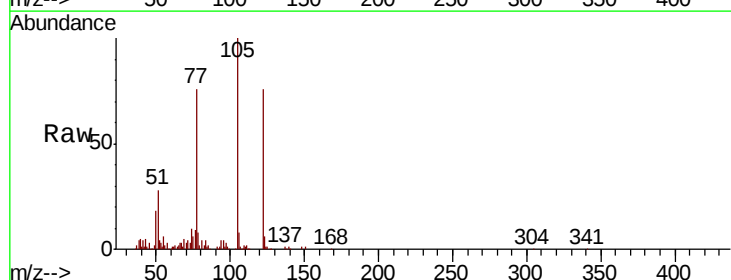
Instrument :
BNA_G
ClientSampleId :

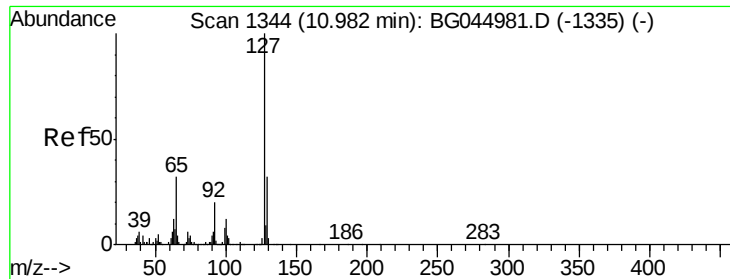
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	13.8	10.8	16.2



#32
Benzoic acid
Concen: 57.974 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.03 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.9	108.4	148.4
77	99.6	78.8	118.8

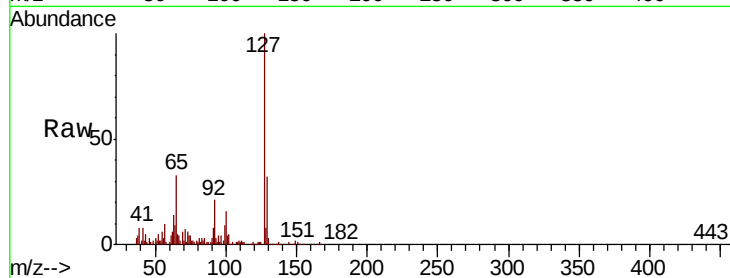




#33
4-Chloroaniline
Concen: 22.730 ng
RT: 10.97 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	32.6	25.4	38.2
92	21.3	16.1	24.1



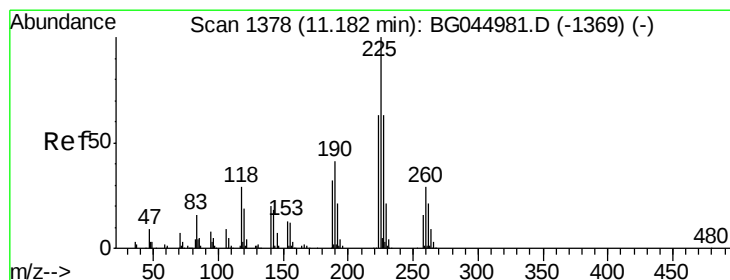
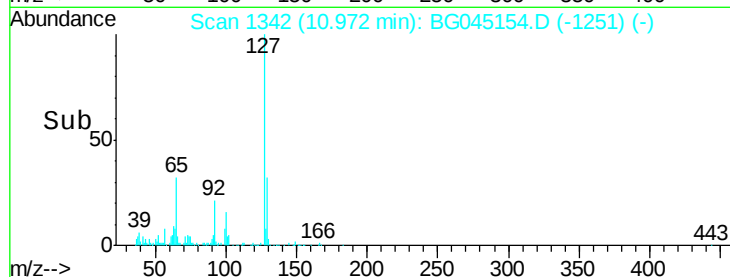
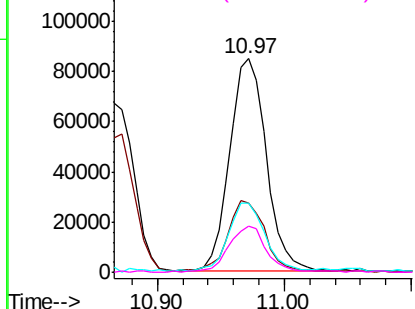
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

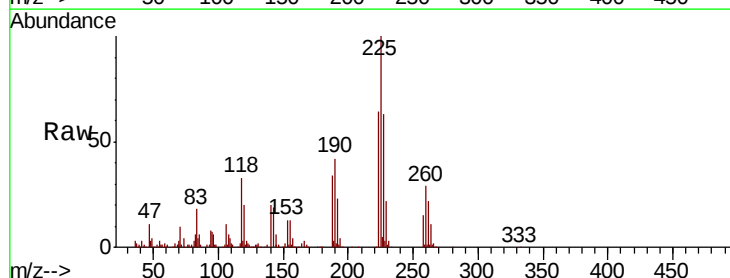
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 54.649 ng
RT: 11.16 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.7	76.1
227	62.7	50.2	75.2

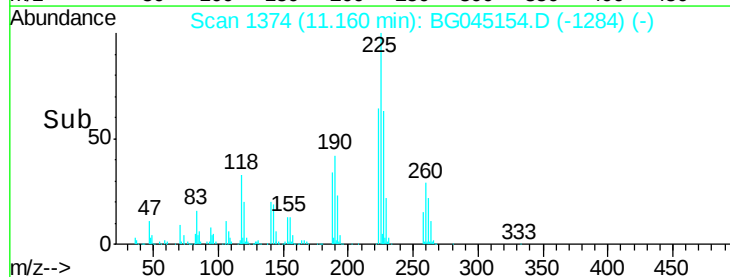
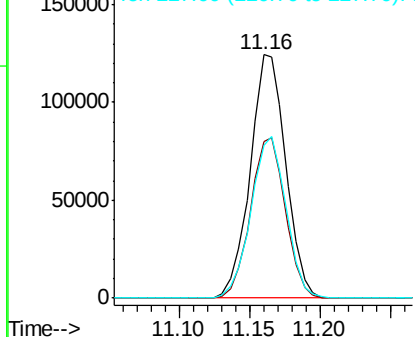


Abundance

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: 26.670 ng

RT: 11.75 min Scan# 1475

Delta R.T. 0.02 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampled :

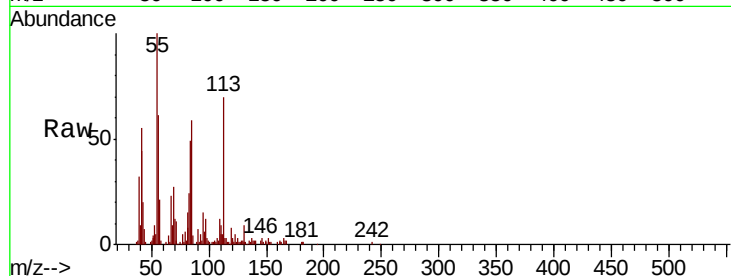
Tot Ion:113 Resp: 55042

Ion Ratio Lower Upper

113 100

55 143.6 118.8 158.8

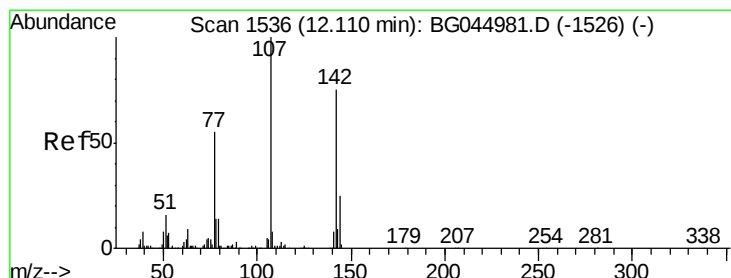
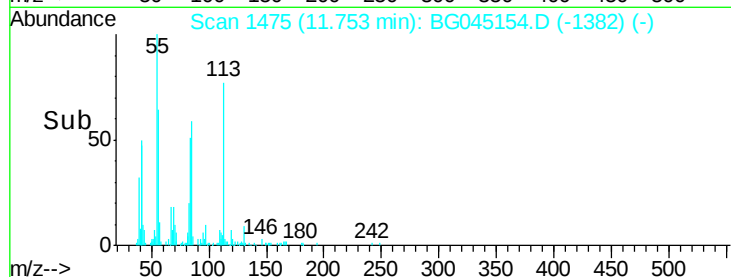
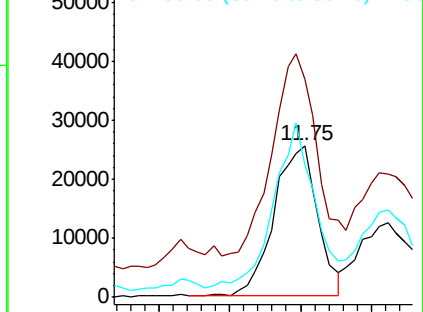
56 87.6 82.6 122.6



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: 52.306 ng

RT: 12.11 min Scan# 1535

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

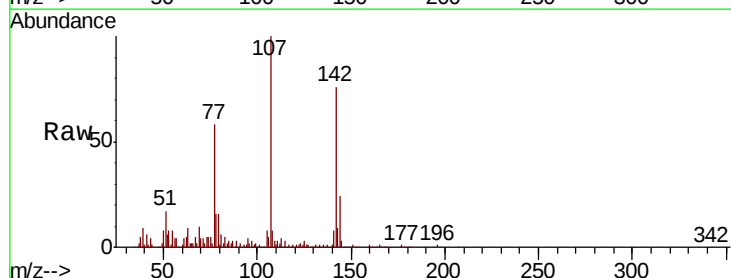
Tgt Ion:107 Resp: 318624

Ion Ratio Lower Upper

107 100

144 24.4 19.8 29.6

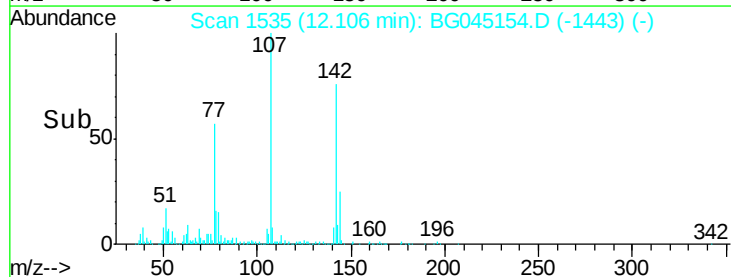
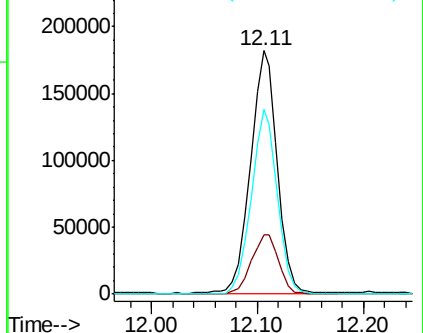
142 76.1 59.7 89.5

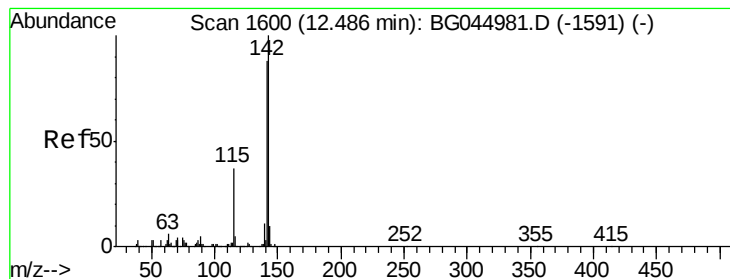


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.285 ng

RT: 12.48 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampleId :

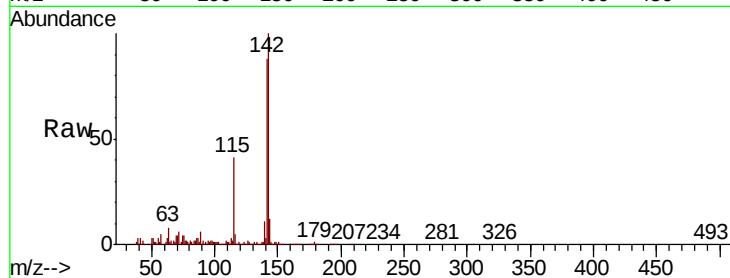
Tot Ion:142 Resp: 636920

Ion Ratio Lower Upper

142 100

141 88.4 70.3 105.5

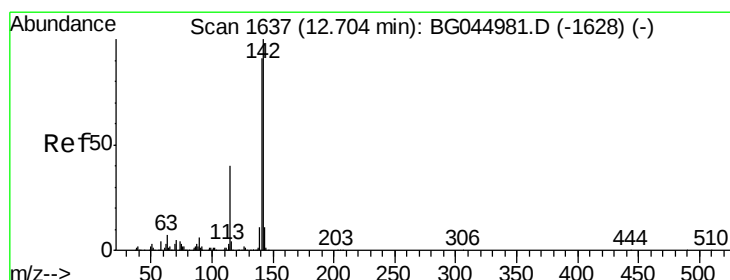
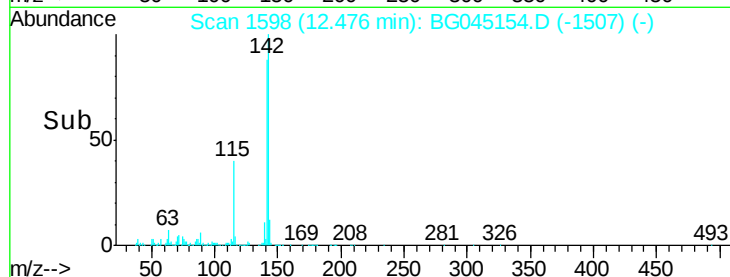
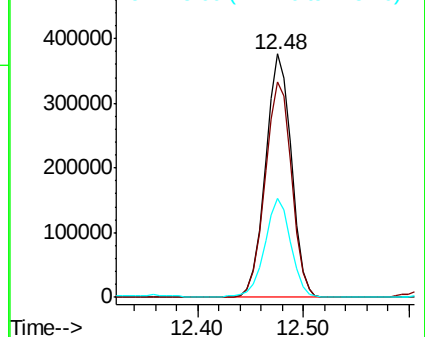
115 40.5 29.8 44.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 53.935 ng

RT: 12.69 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

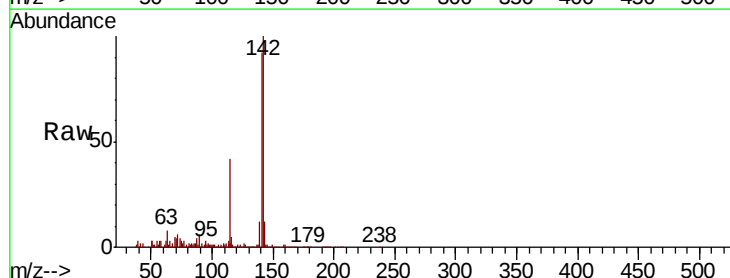
Tgt Ion:142 Resp: 632343

Ion Ratio Lower Upper

142 100

141 92.5 72.7 109.1

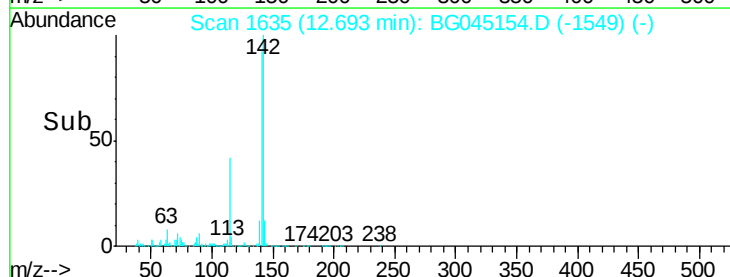
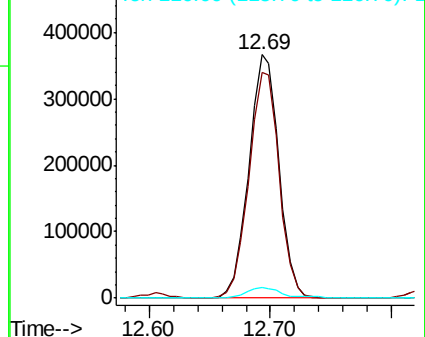
116 4.6 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampleId :

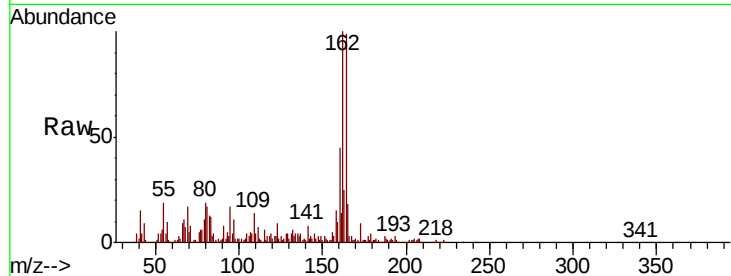
Tot Ion:164 Resp: 195226

Ion Ratio Lower Upper

164 100

162 100.7 78.7 118.1

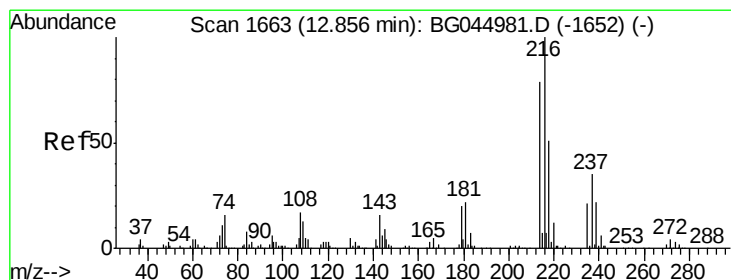
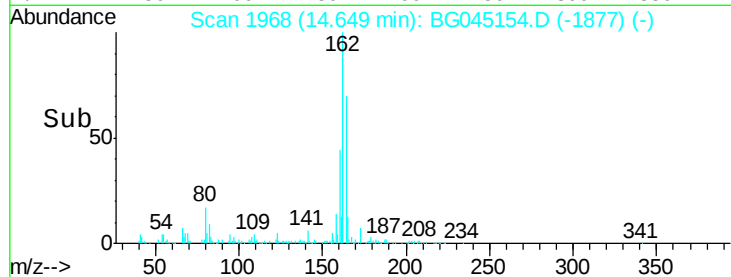
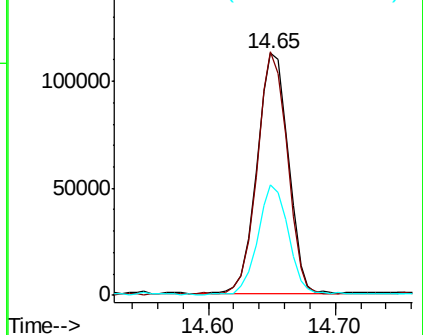
160 45.7 32.8 49.2



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: 57.969 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion:216 Resp: 364377

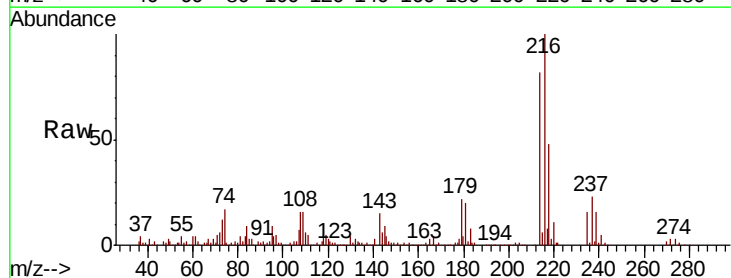
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.6

179 22.0 15.8 23.8

108 17.8 14.2 21.2

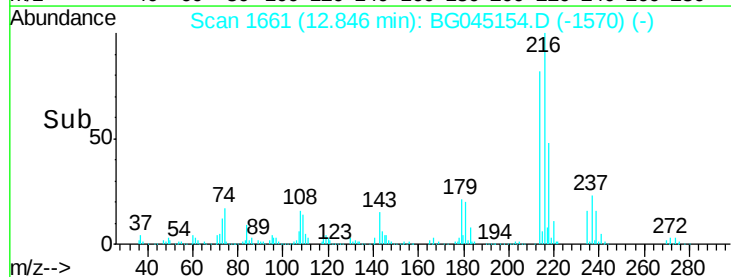
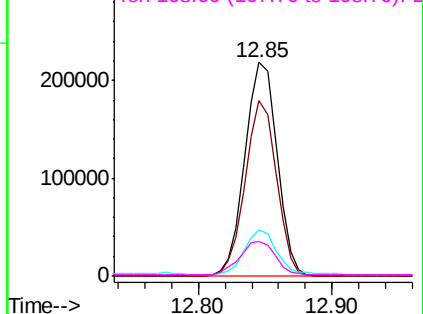


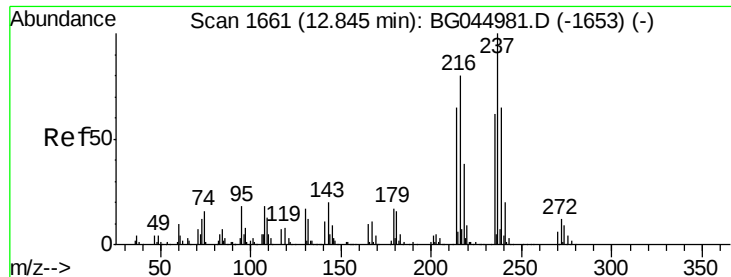
Abundance Ion 216.00 (215.70 to 216.70): E

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: 60.507 ng

RT: 12.83 min Scan# 1659

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampleId :

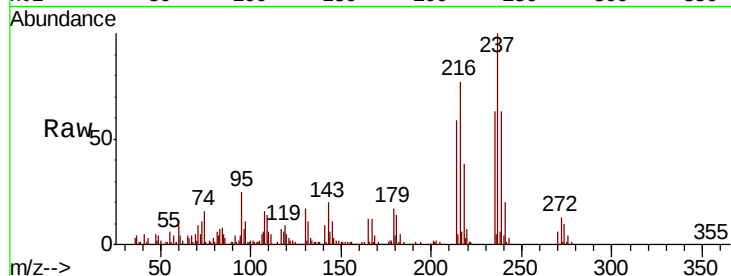
Tot Ion:237 Resp: 237712

Ion Ratio Lower Upper

237 100

235 62.8 41.6 81.6

272 12.7 0.0 32.1

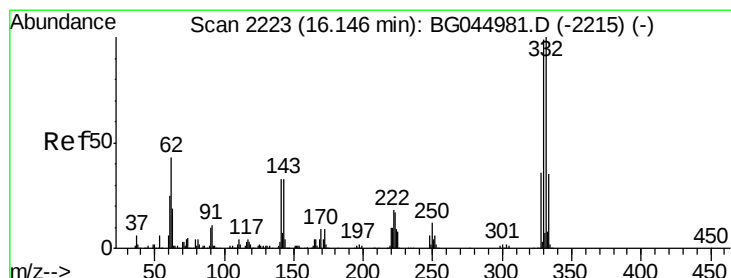
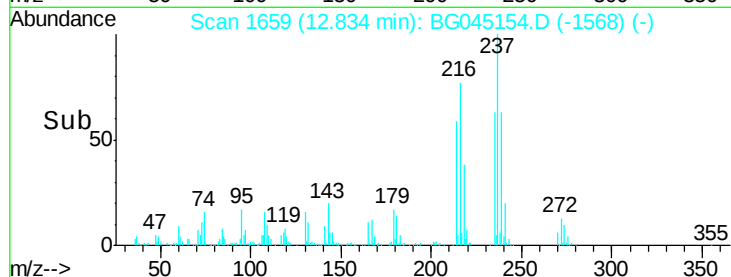
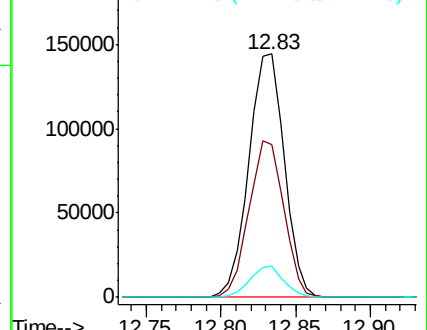


Abundance

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: 50.364 ng

RT: 16.14 min Scan# 2222

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

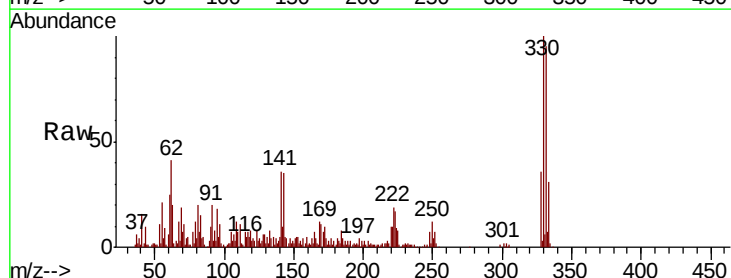
Tgt Ion:330 Resp: 151896

Ion Ratio Lower Upper

330 100

332 98.1 79.1 118.7

141 35.7 27.1 40.7

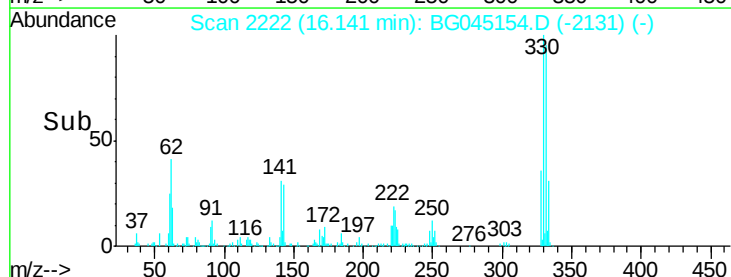
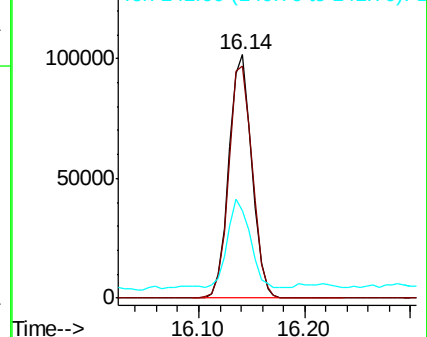


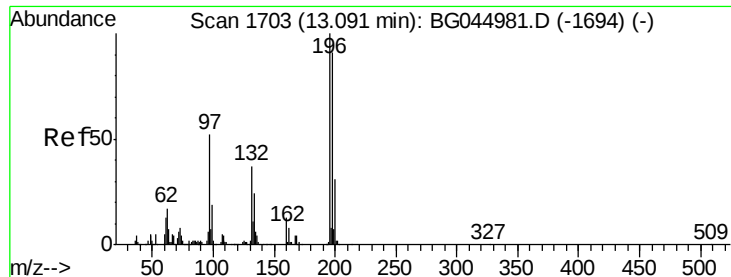
Abundance

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

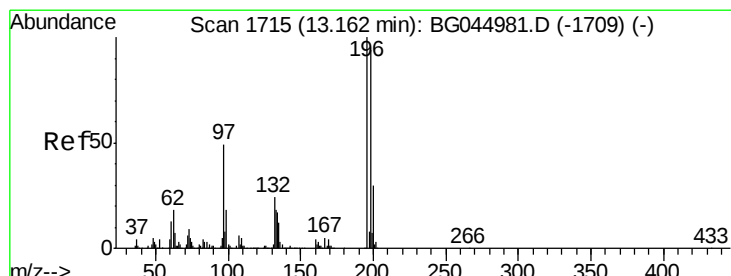
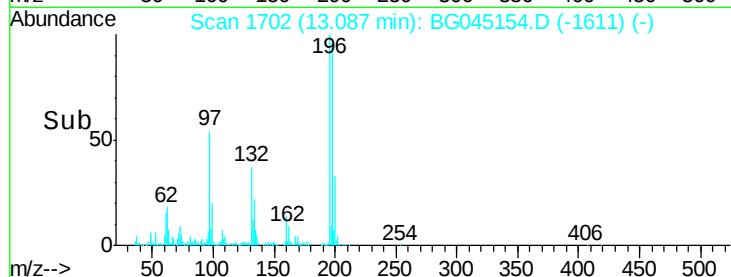
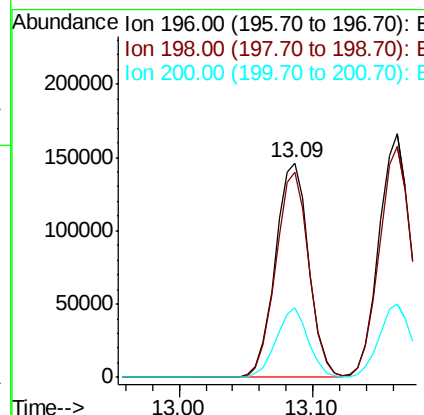
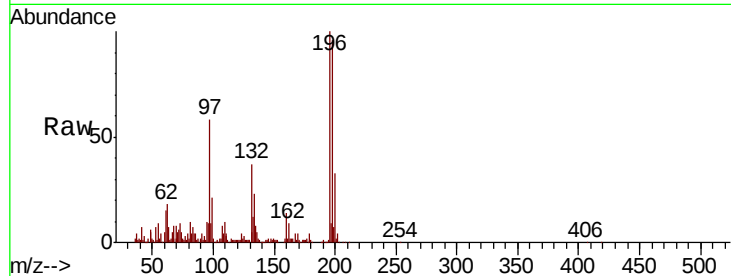




#43
 2,4,6-Trichlorophenol
 Concen: 57.560 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

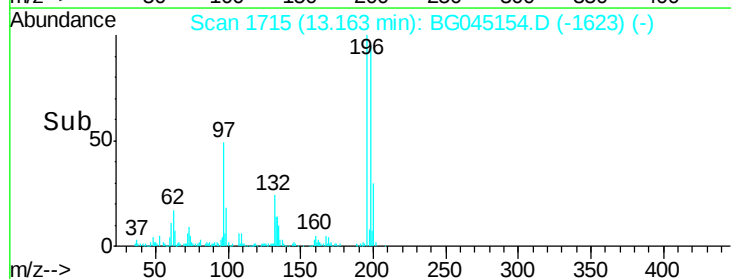
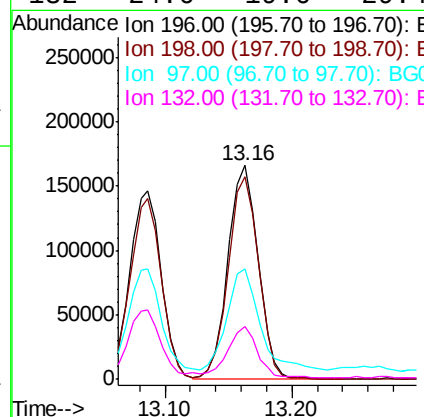
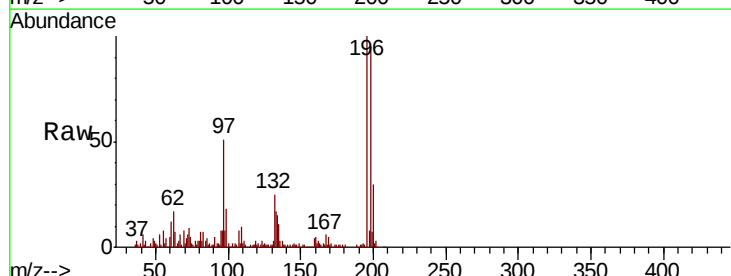
Instrument :
 BNA_G
 ClientSampleId :

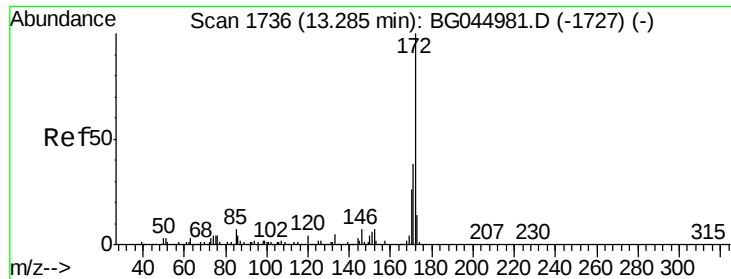
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	72.5	108.7
200	32.6	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 54.116 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.7	113.5
97	51.5	39.6	59.4
132	24.6	19.6	29.4

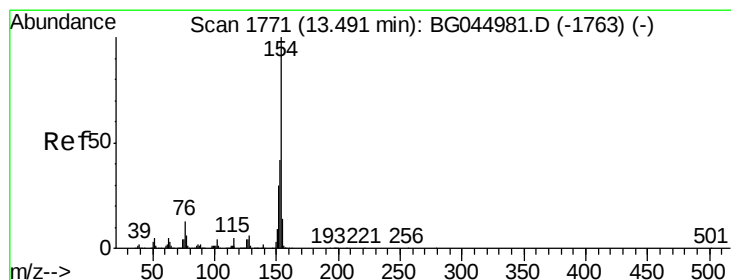
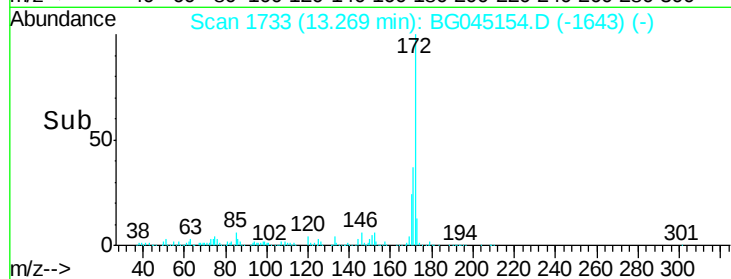
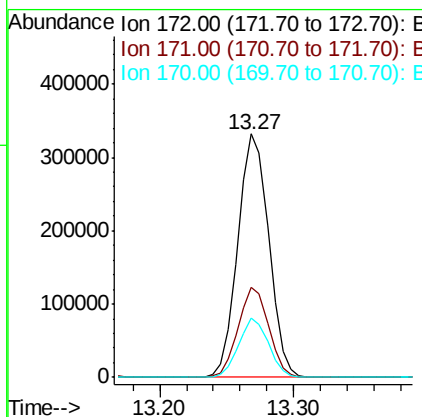
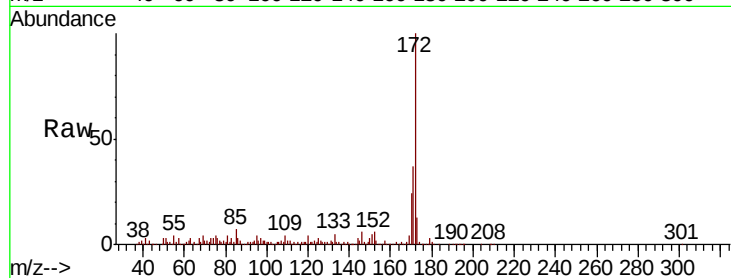




#45
 2-Fluorobiphenyl
 Concen: 39.954 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. 0.00 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

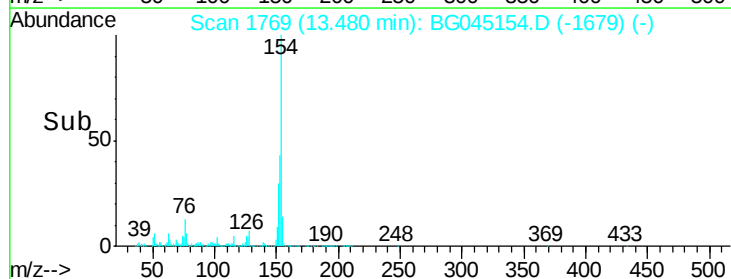
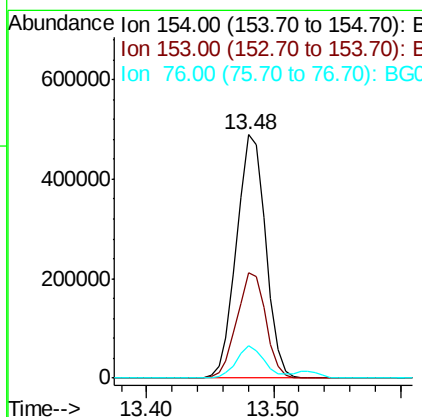
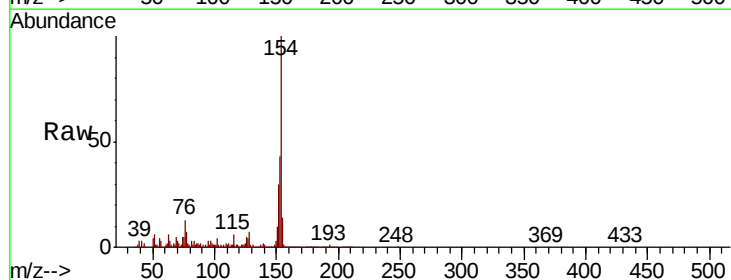
Instrument :
 BNA_G
 ClientSampleId :

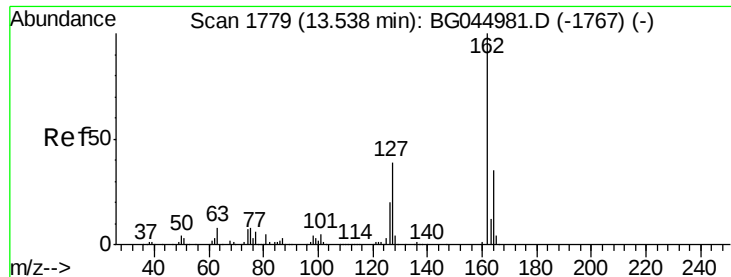
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	46.0
170	24.3	20.5	30.7



#46
 1,1'-Biphenyl
 Concen: 52.203 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	21.9	61.9
76	13.2	0.0	33.1

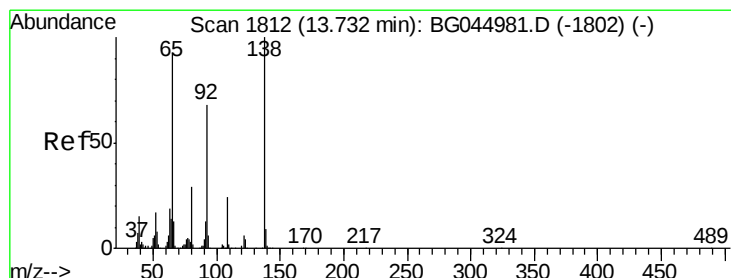
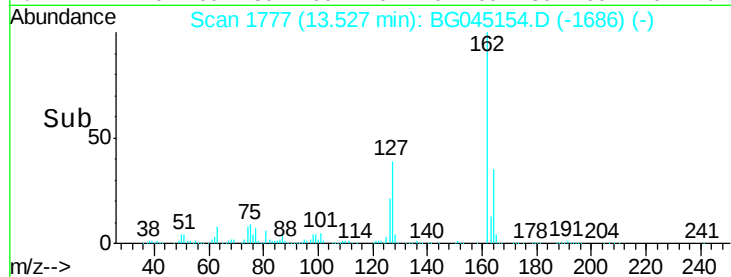
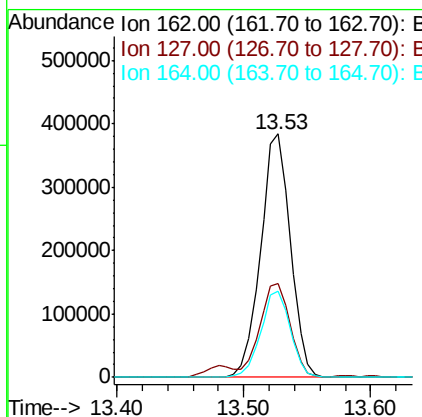
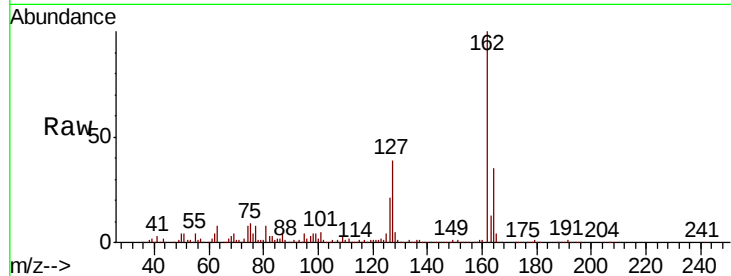




#47
2-Chloronaphthalene
Concen: 55.430 ng
RT: 13.53 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

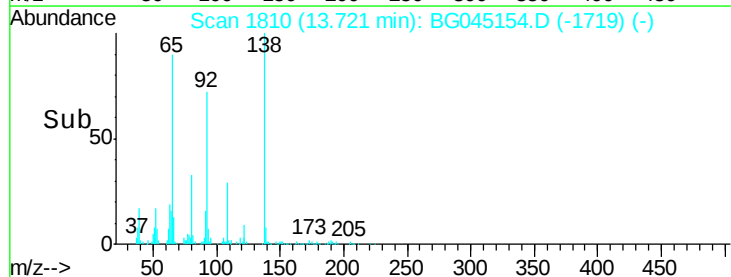
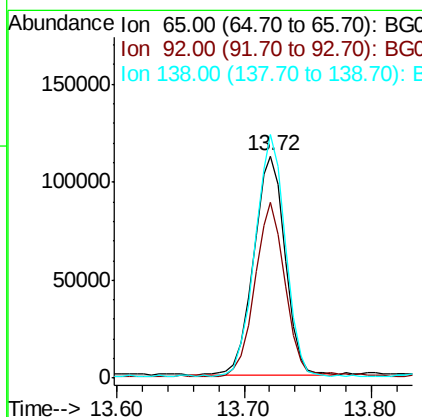
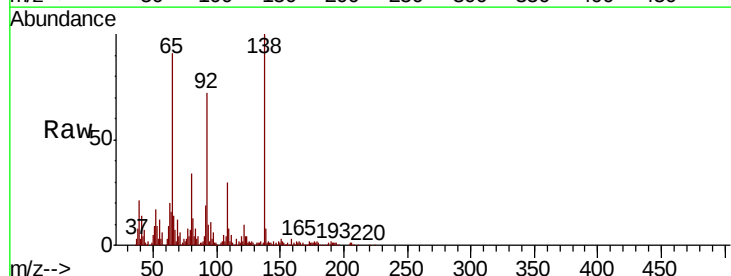
Instrument :
BNA_G
ClientSampleId :

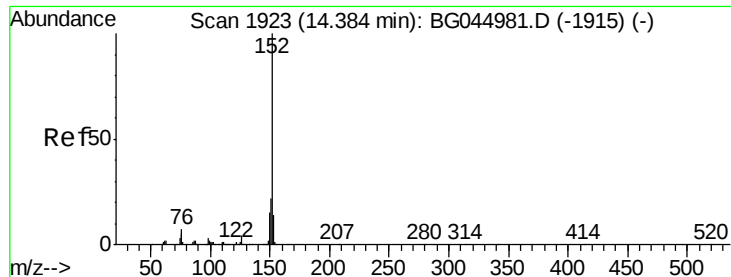
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.3	46.9
164	35.4	27.8	41.8



#48
2-Nitroaniline
Concen: 51.564 ng
RT: 13.72 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.9	58.3	87.5
138	109.5	85.6	128.4





#49

Acenaphthylene

Concen: 51.650 ng

RT: 14.37 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampleId :

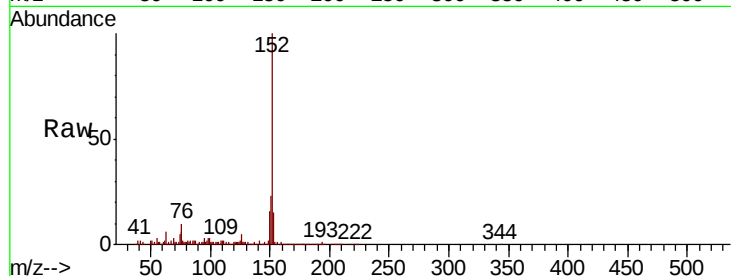
Tot Ion:152 Resp: 953889

Ion Ratio Lower Upper

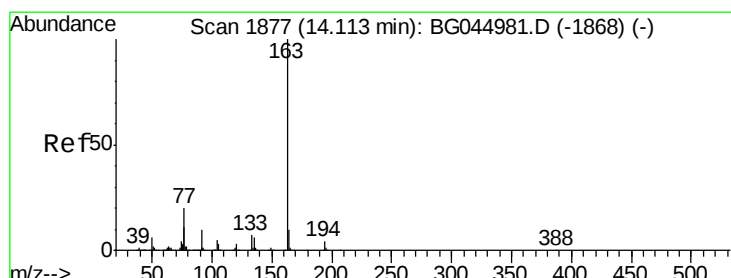
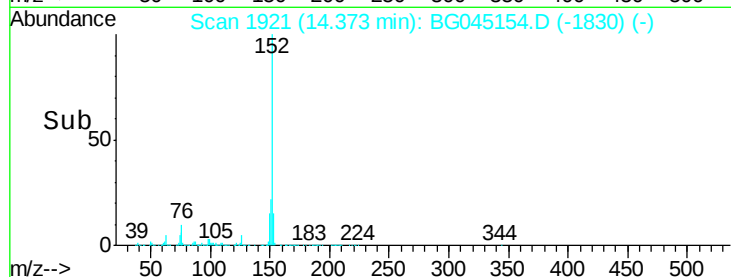
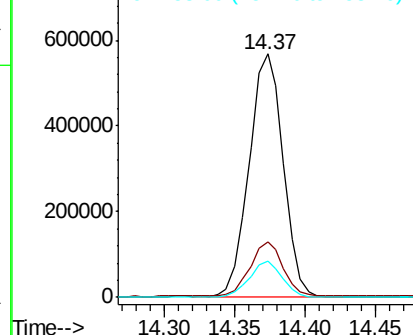
152 100

151 22.5 17.2 25.8

153 15.0 11.0 16.4



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



#50

Dimethylphthalate

Concen: 53.650 ng

RT: 14.10 min Scan# 1875

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

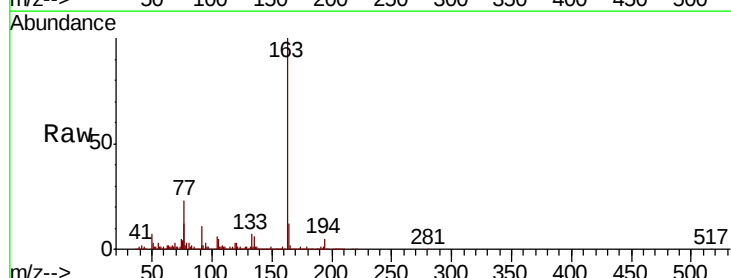
Tgt Ion:163 Resp: 852831

Ion Ratio Lower Upper

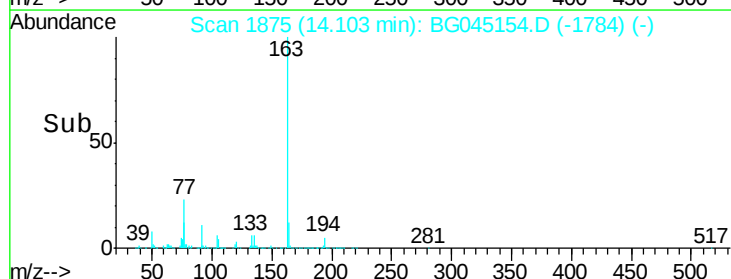
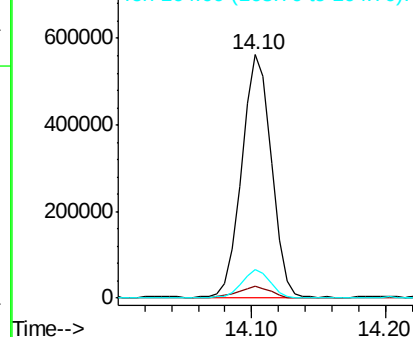
163 100

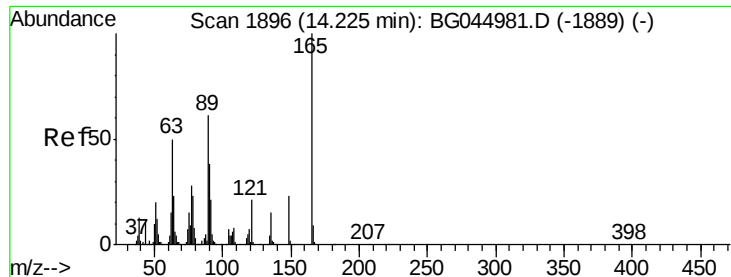
194 4.8 3.5 5.3

164 11.9 8.2 12.4



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

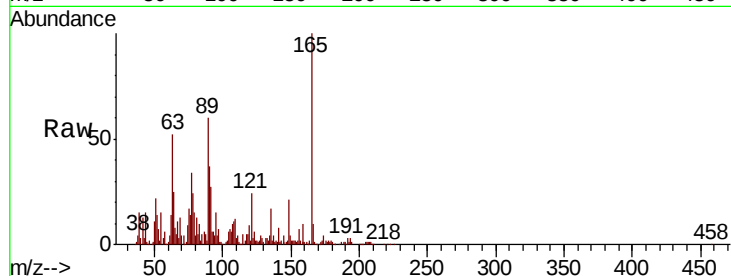




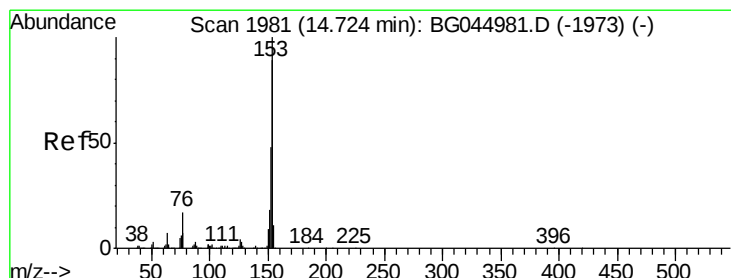
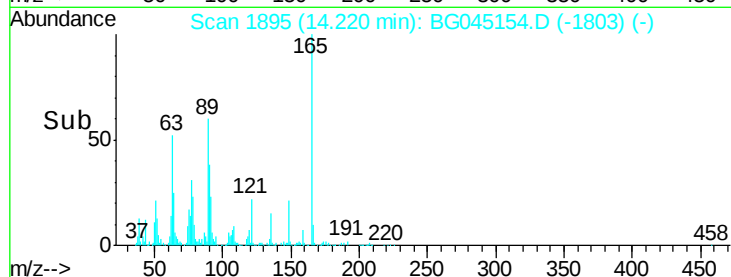
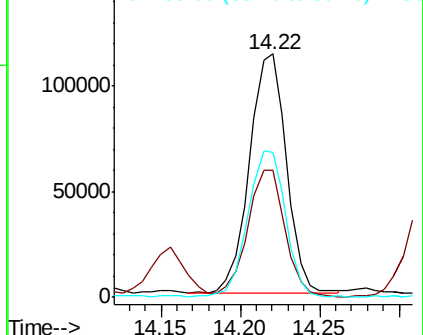
#51
 2,6-Dinitrotoluene
 Concen: 51.302 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.2	40.4	60.6
89	59.6	49.1	73.7

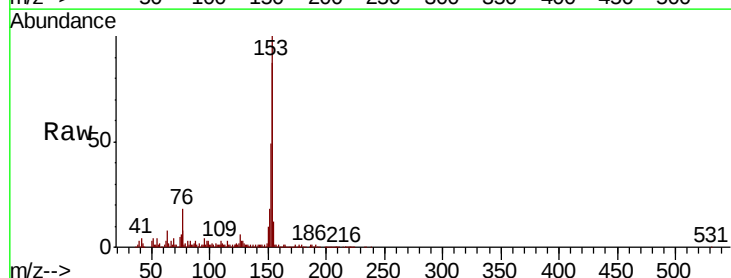


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

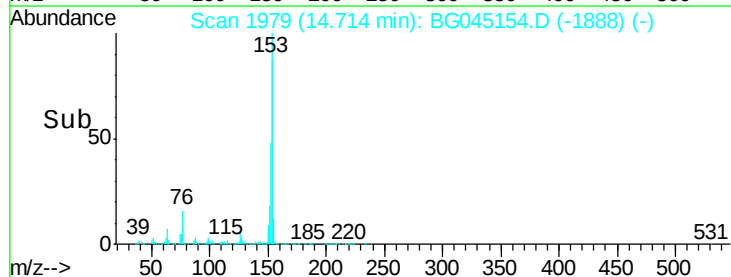
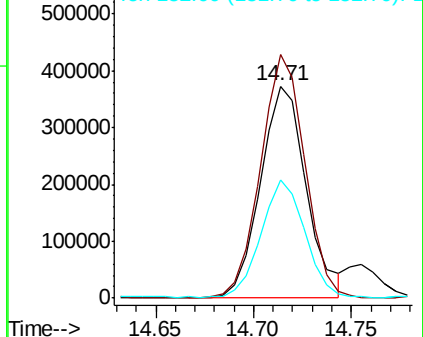


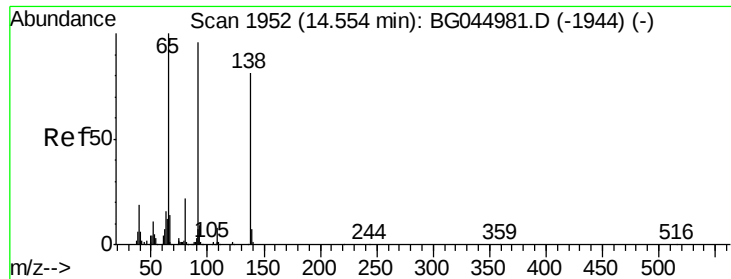
#52
 Acenaphthene
 Concen: 48.255 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.7	89.7	134.5
152	55.8	43.1	64.7



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

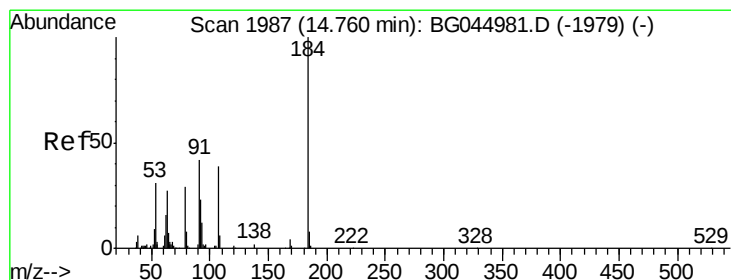
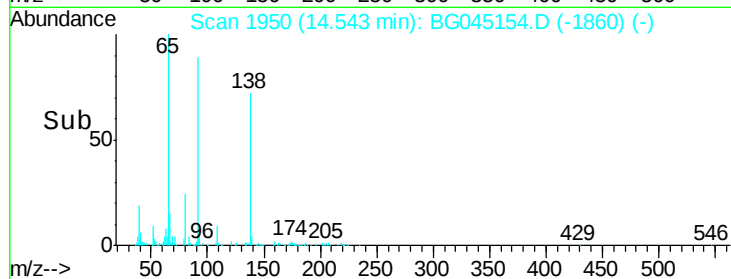
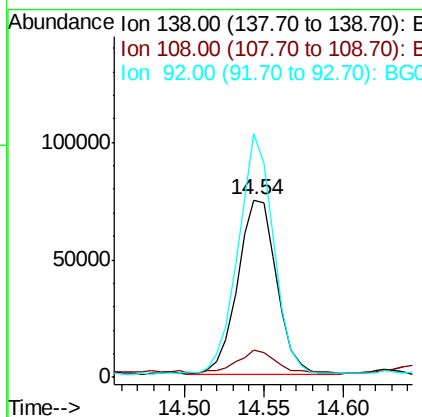
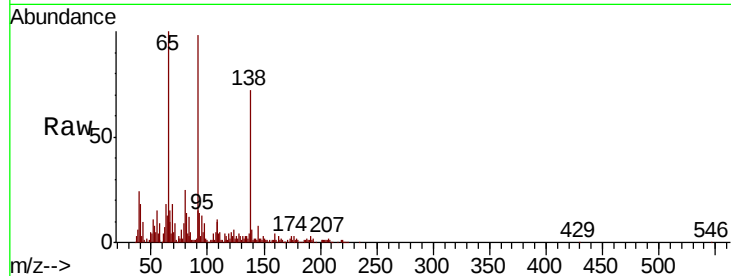




#53
3-Nitroaniline
Concen: 32.146 ng
RT: 14.54 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

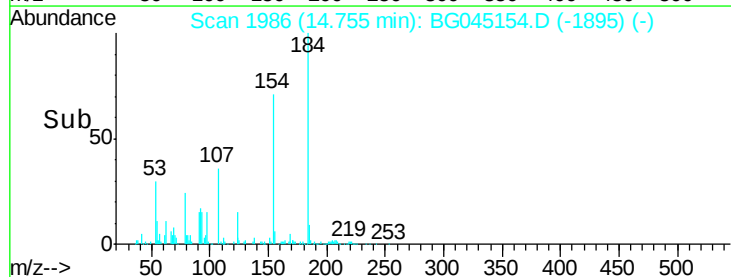
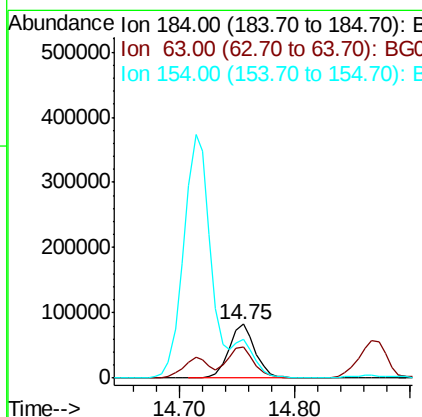
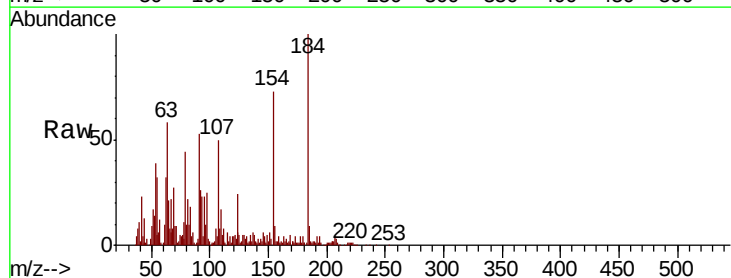
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 125355
Ion Ratio Lower Upper
138 100
108 15.4 7.8 11.8#
92 137.3 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 61.495 ng
RT: 14.75 min Scan# 1986
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion:184 Resp: 130014
Ion Ratio Lower Upper
184 100
63 58.3 41.5 62.3
154 72.8 52.3 78.5





#55

Dibenzofuran

Concen: 51.197 ng

RT: 15.05 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampleId :

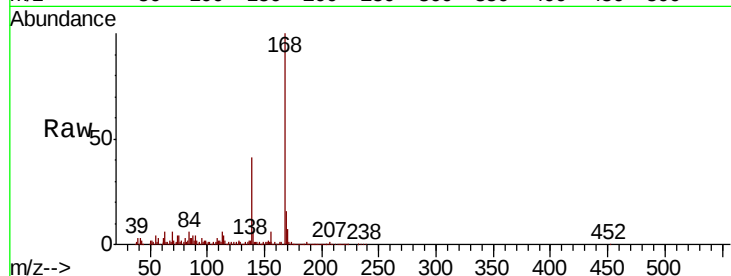
Tot Ion:168 Resp: 932690

Ion Ratio Lower Upper

168 100

139 41.1 30.4 45.6

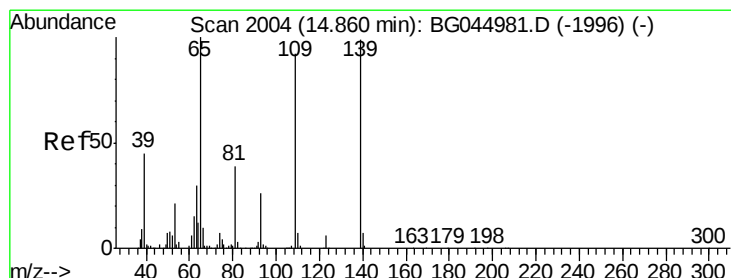
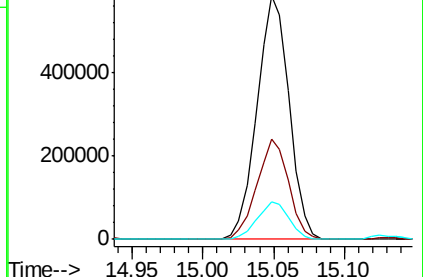
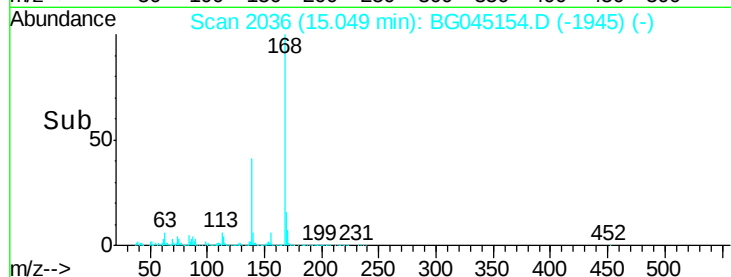
169 15.6 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 97.416 ng

RT: 14.87 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

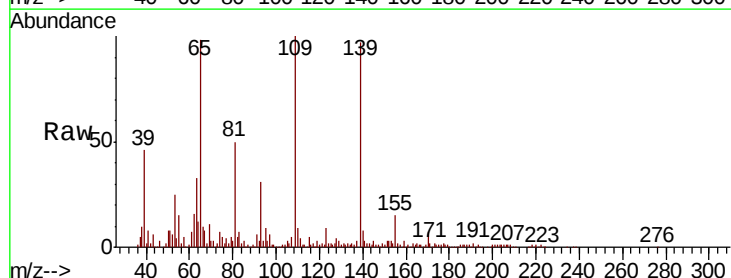
Tgt Ion:139 Resp: 294545

Ion Ratio Lower Upper

139 100

109 102.9 73.6 113.6

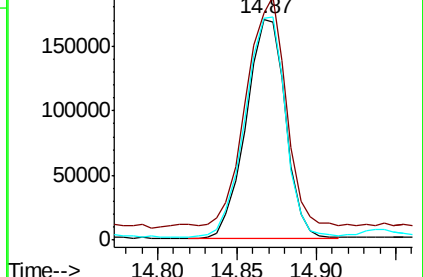
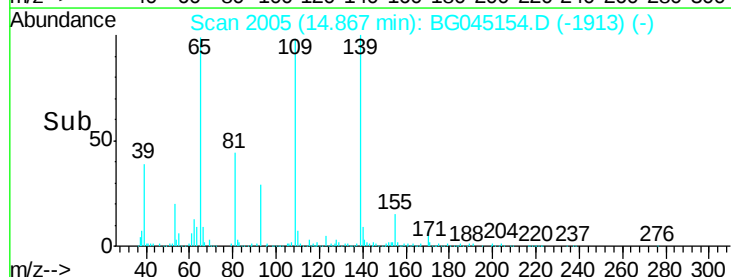
65 100.8 81.2 121.2

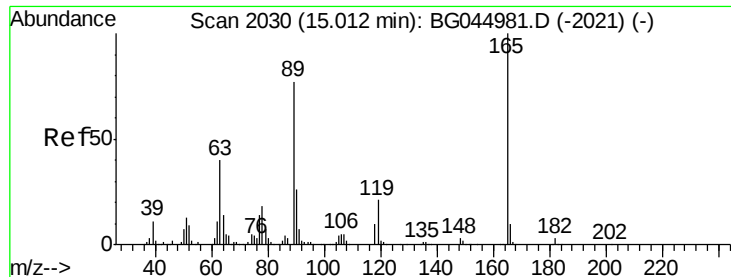


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

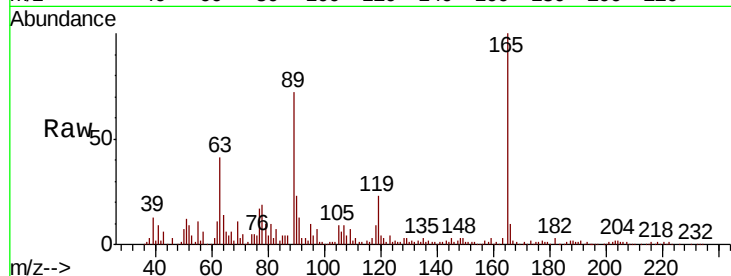




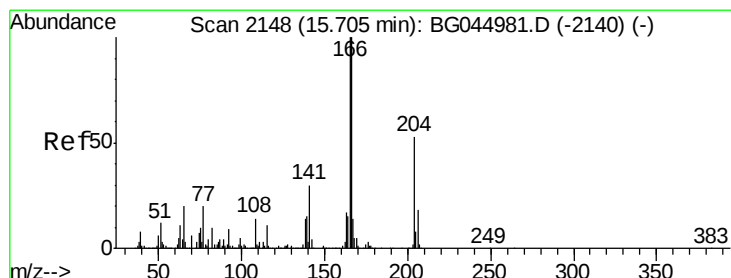
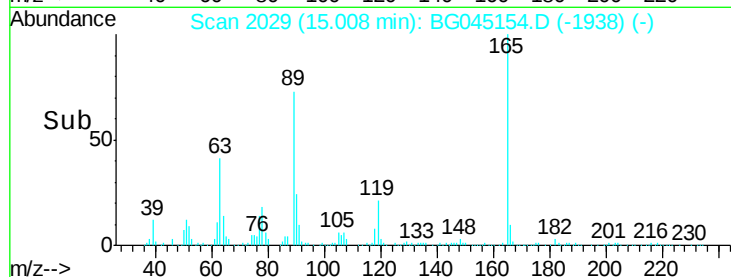
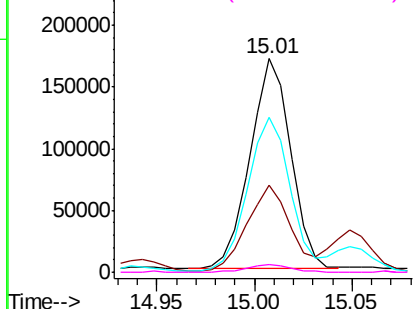
#57
2,4-Dinitrotoluene
Concen: 47.599 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 247324
Ion Ratio Lower Upper
165 100
63 40.7 32.2 48.2
89 72.3 61.7 92.5
182 3.3 2.0 3.0#

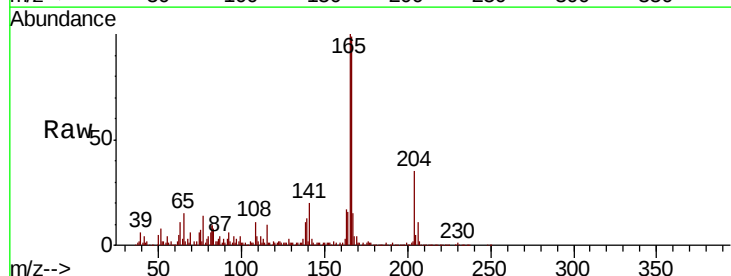


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

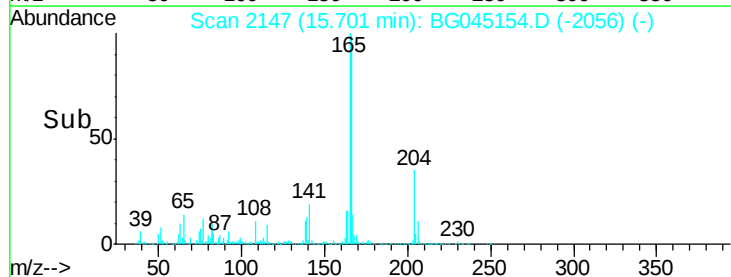
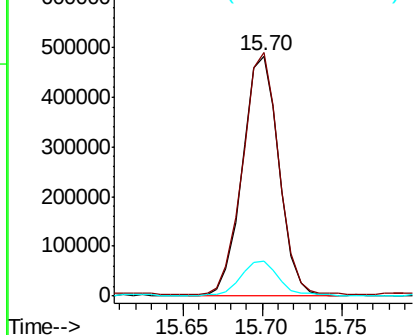


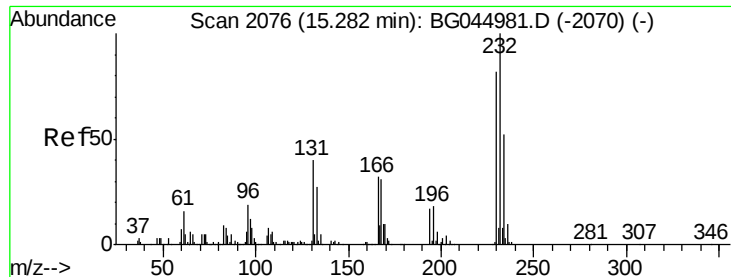
#58
Fluorene
Concen: 51.295 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion:166 Resp: 763283
Ion Ratio Lower Upper
166 100
165 101.4 79.9 119.9
167 14.8 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

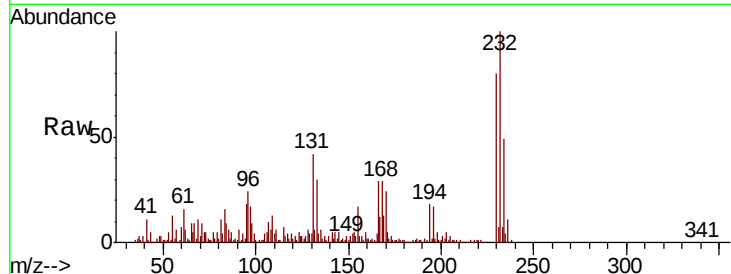




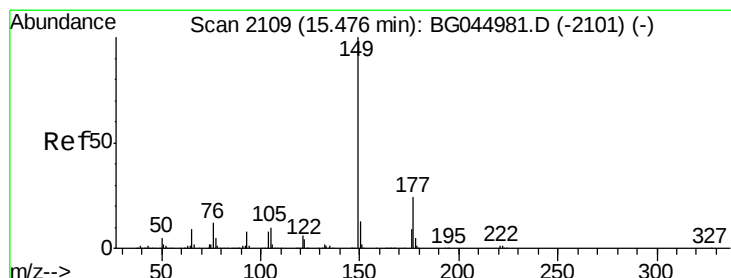
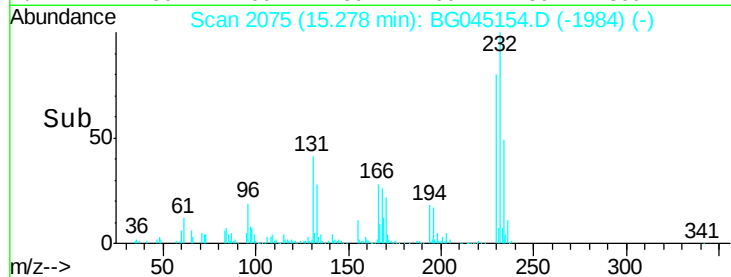
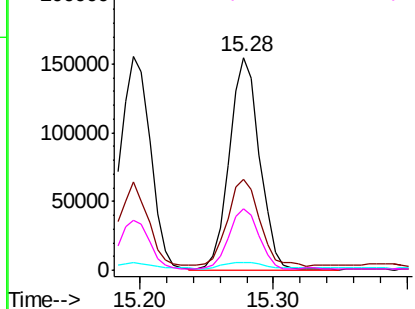
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.125 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	243186
Ion	Ratio	Lower	Upper
232	100		
131	43.6	32.2	48.2
130	4.0	2.2	3.2#
166	27.8	24.2	36.4

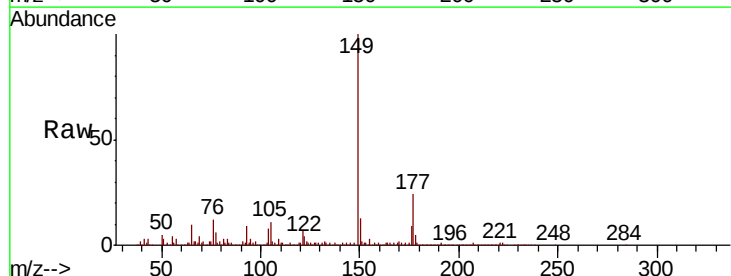


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

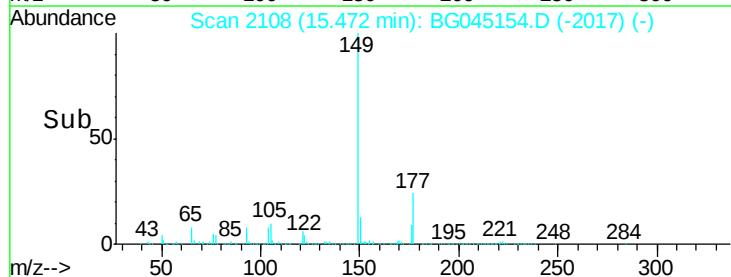
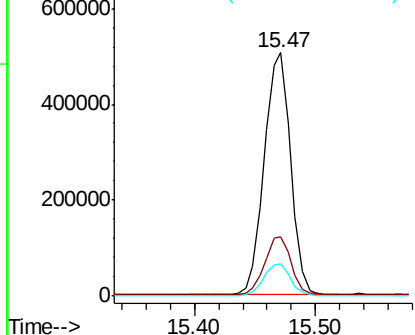


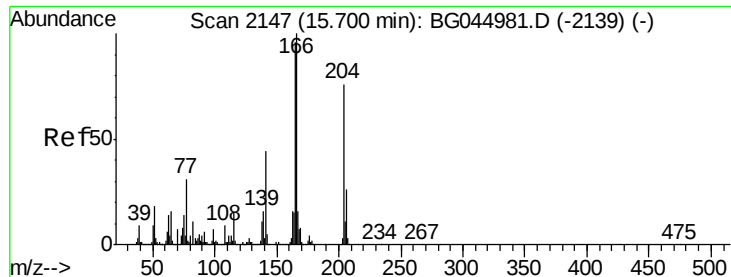
#60
 Diethylphthalate
 Concen: 46.261 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion:	149	Resp:	766697
Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.9	28.3
150	13.5	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

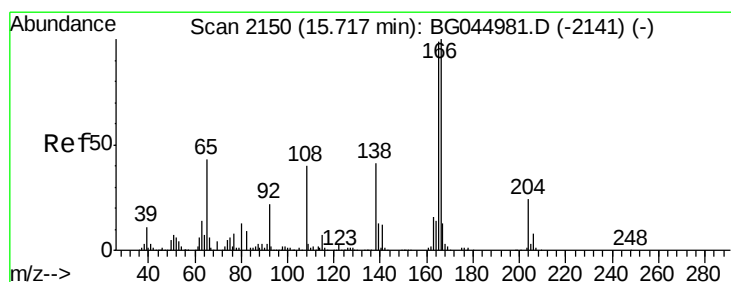
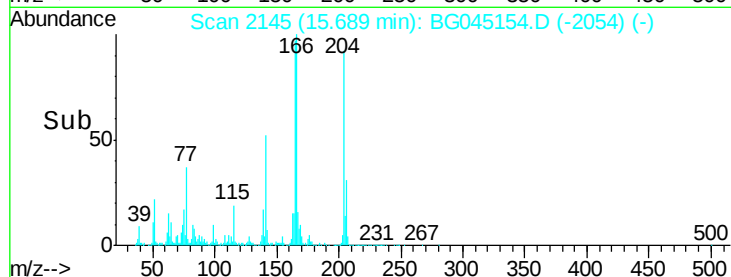
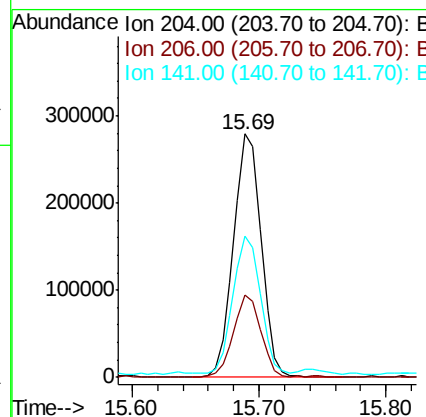
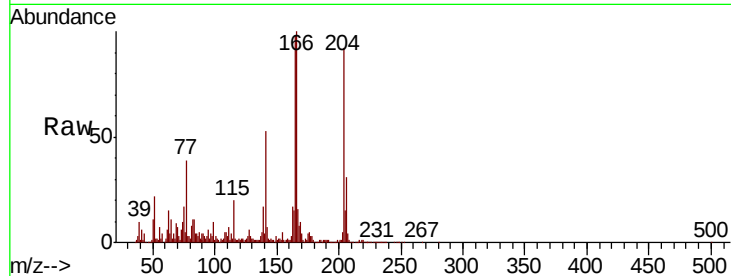




#61
 4-Chlorophenyl-phenylether
 Concen: 48.943 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

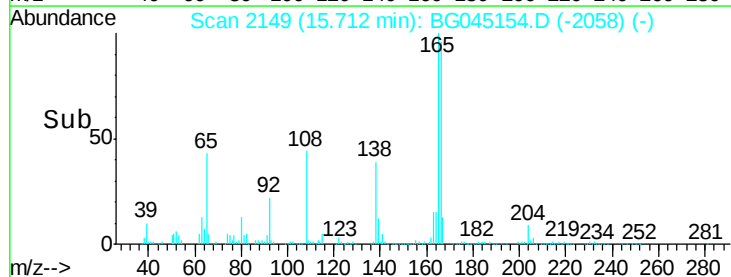
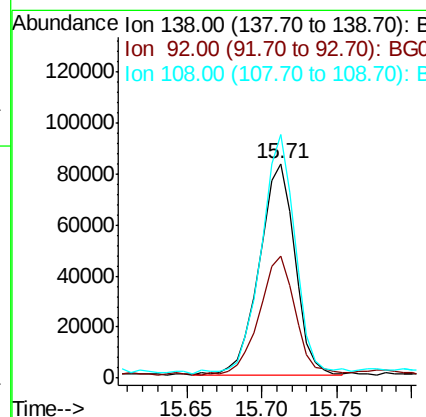
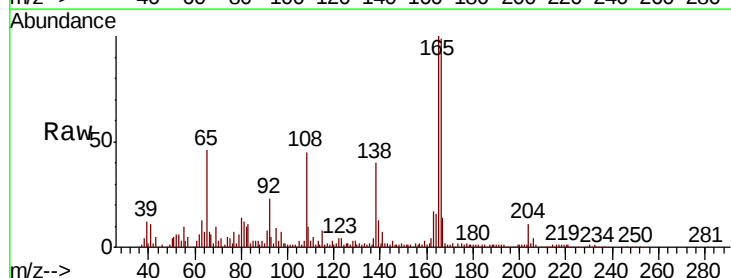
Instrument :
 BNA_G
 ClientSampled :

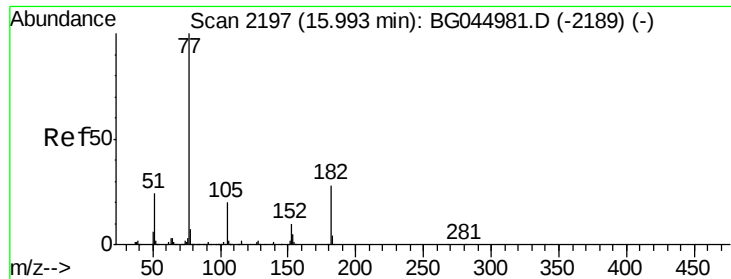
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.9	40.3
141	58.0	46.3	69.5



#62
 4-Nitroaniline
 Concen: 33.441 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.0	33.6	73.6
108	113.4	78.2	118.2





#63

Azobenzene

Concen: 49.944 ng

RT: 15.98 min Scan# 2195

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

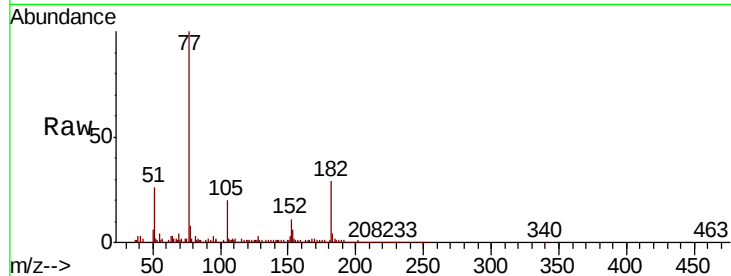
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 763150

Ion	Ratio	Lower	Upper
77	100		
182	29.3	8.4	48.4
105	20.3	0.5	40.5
51	25.5	4.4	44.4

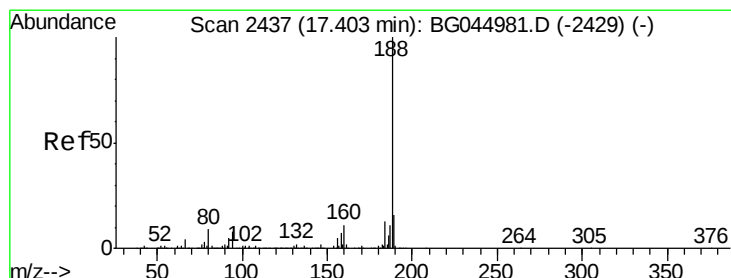
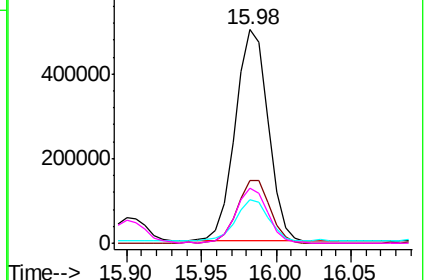
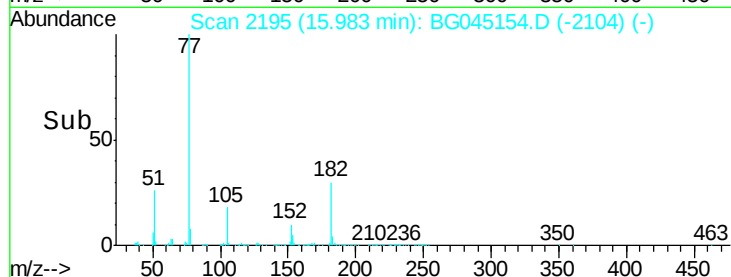


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.40 min Scan# 2436

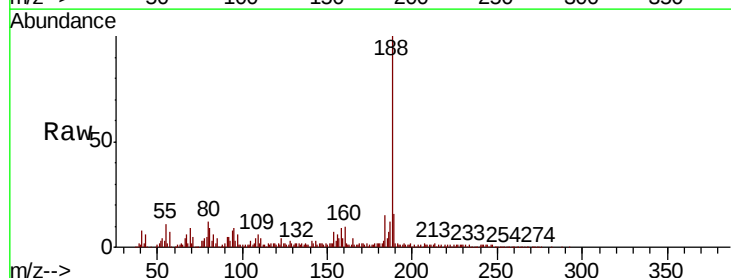
Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion: 188 Resp: 385188

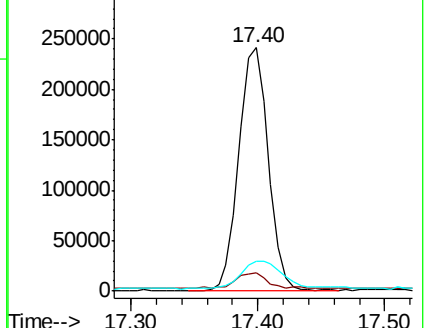
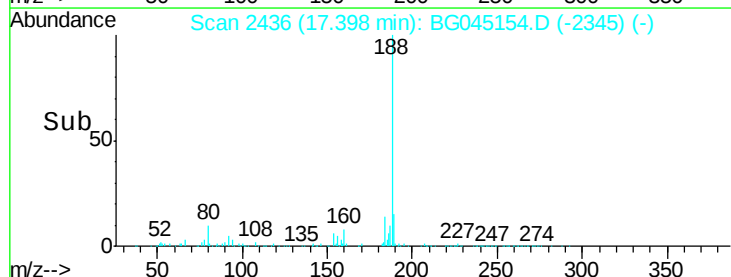
Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.2	9.4
80	12.2	7.0	10.6

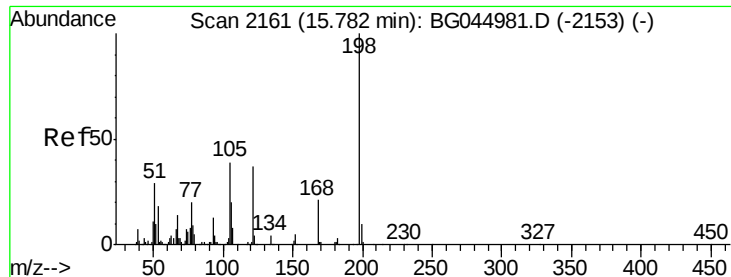


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

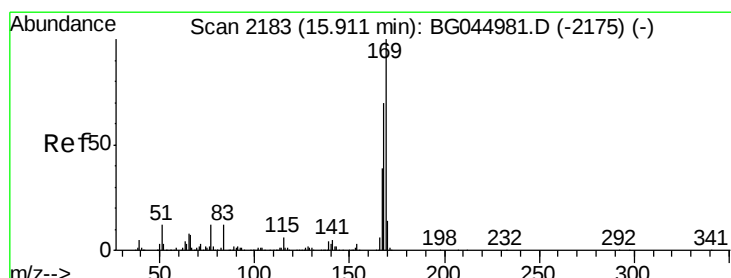
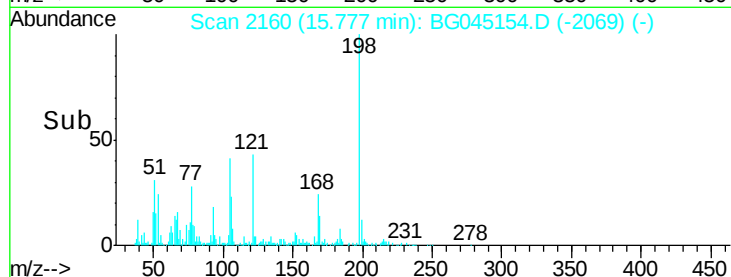
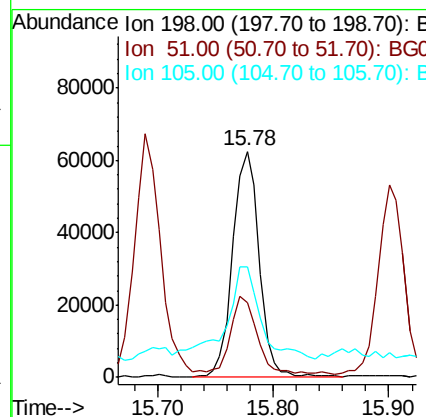
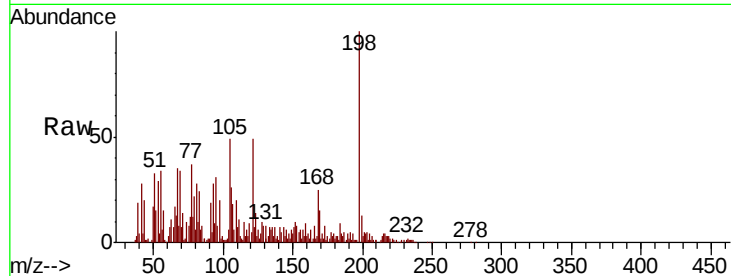




#65
4,6-Dinitro-2-methylphenol
Concen: 39.519 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

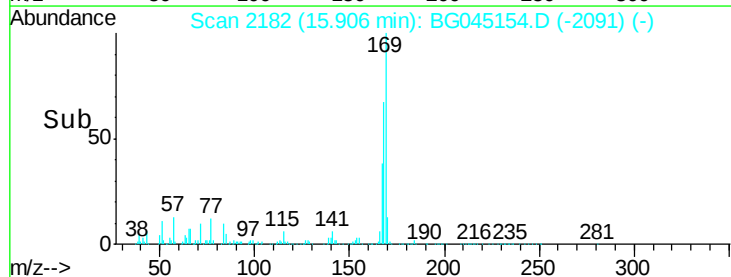
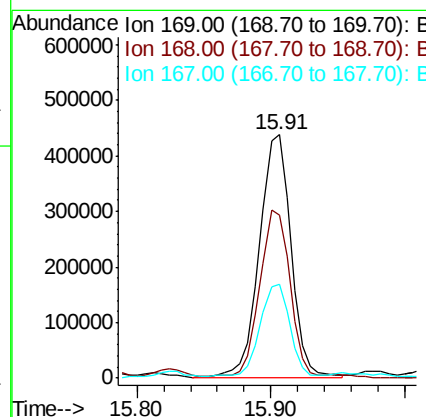
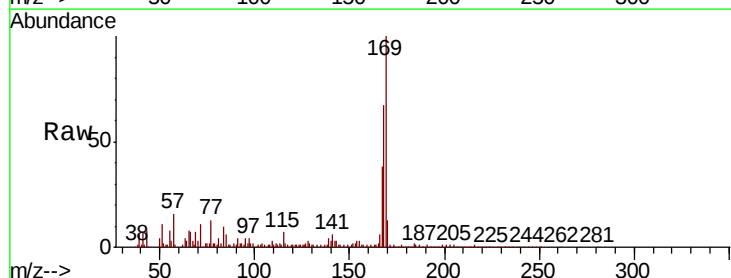
Instrument :
BNA_G
ClientSampleId :

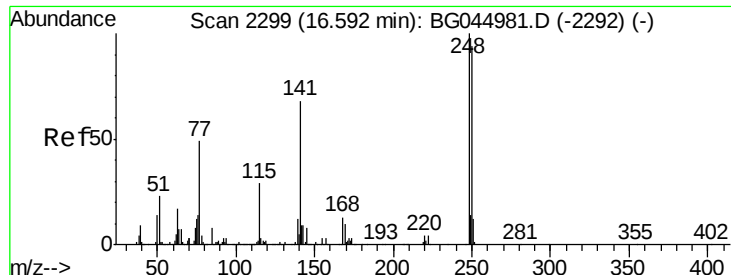
Tot Ion	Ratio	Lower	Upper
198	100		
51	33.1	10.0	50.0
105	48.6	18.9	58.9



#66
n-Nitrosodiphenylamine
Concen: 64.037 ng
RT: 15.91 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	55.8	83.8
167	38.4	30.8	46.2

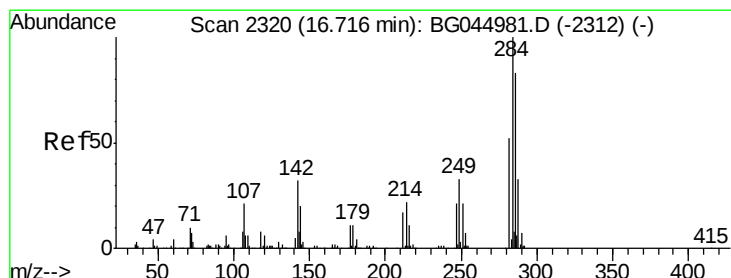
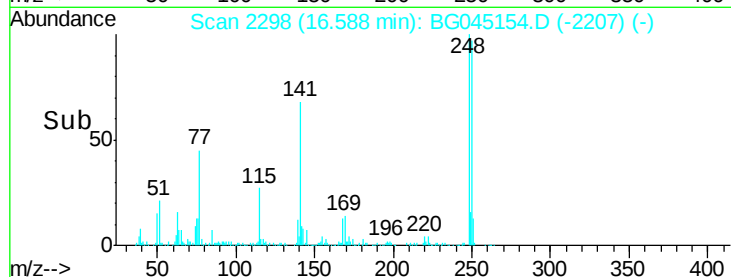
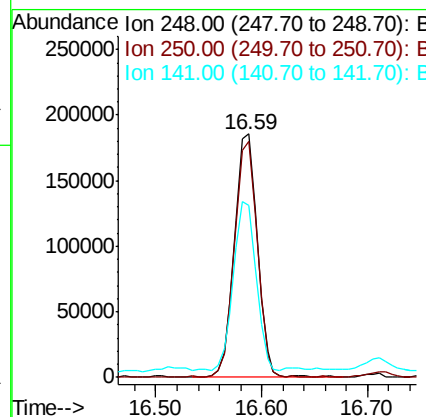
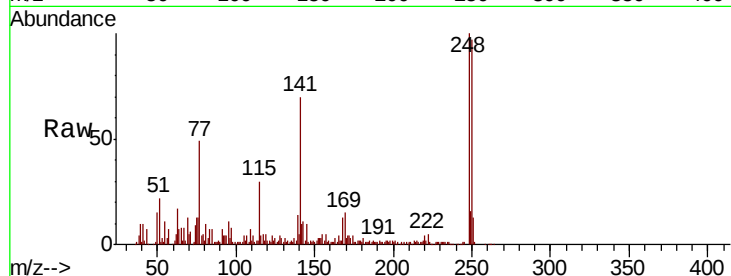




#67
4-Bromophenyl-phenylether
Concen: 55.587 ng
RT: 16.59 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

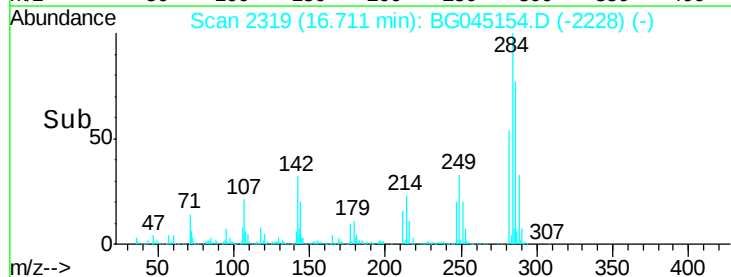
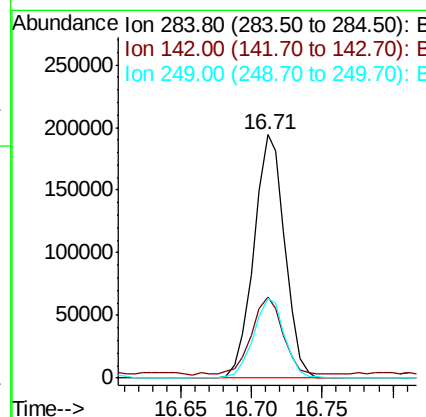
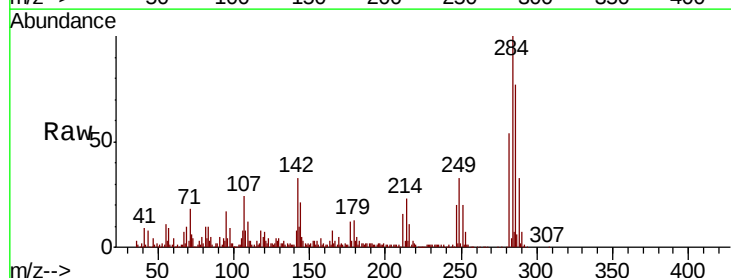
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	75.4	113.2
141	70.4	54.4	81.6



#68
Hexachlorobenzene
Concen: 57.833 ng
RT: 16.71 min Scan# 2319
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	25.8	38.6
249	32.6	26.6	39.8

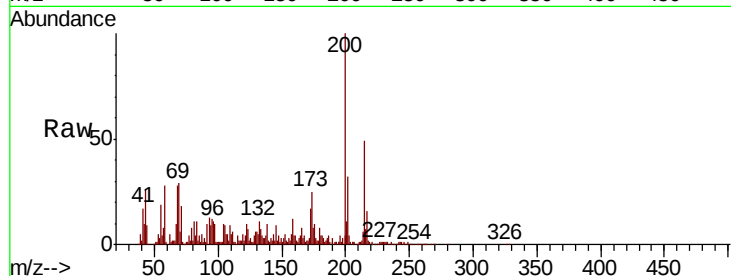




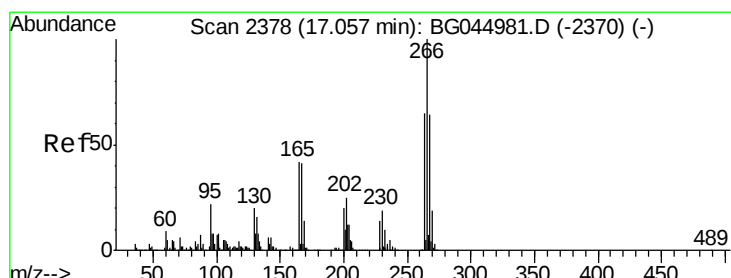
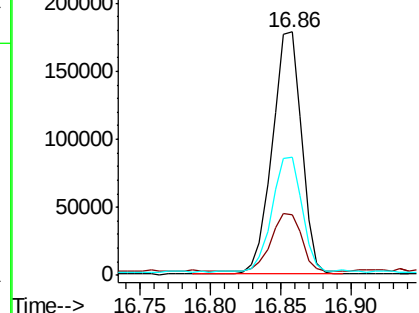
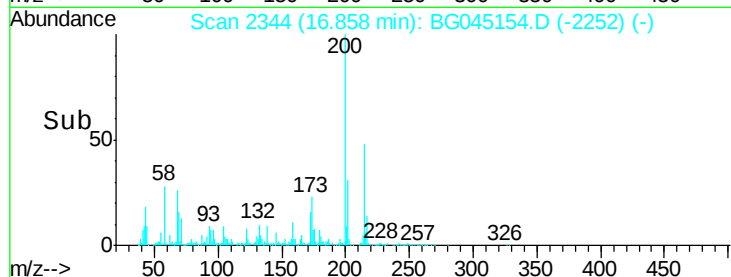
#69
Atrazine
Concen: 66.900 ng
RT: 16.86 min Scan# 2344
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.8	4.5	44.5
215	48.7	30.0	70.0

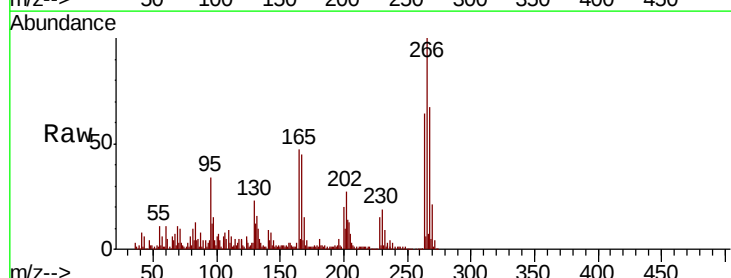


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

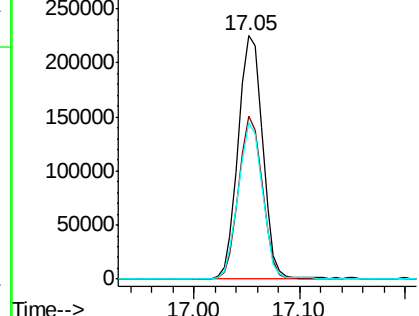
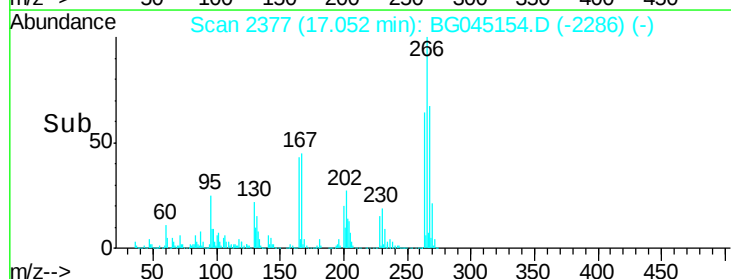


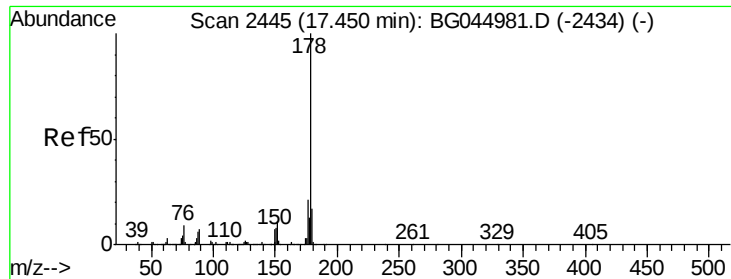
#70
Pentachlorophenol
Concen: 114.209 ng
RT: 17.05 min Scan# 2377
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.7	51.5	77.3
264	64.4	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

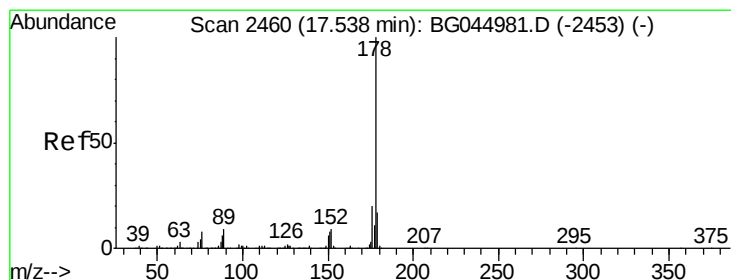
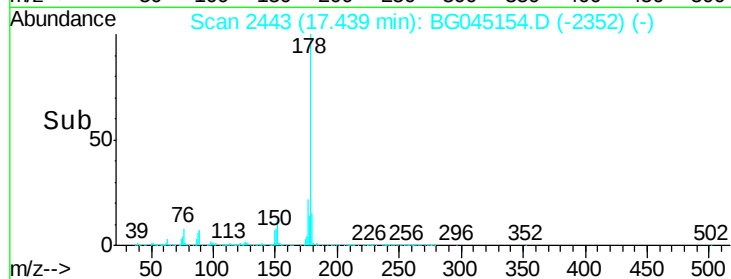
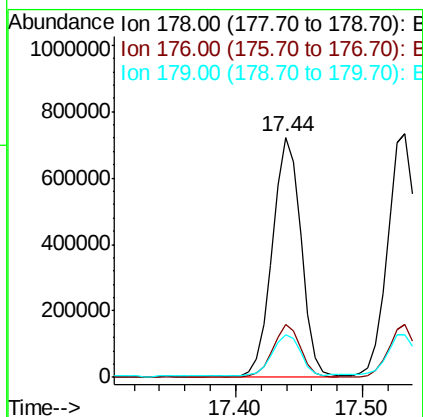
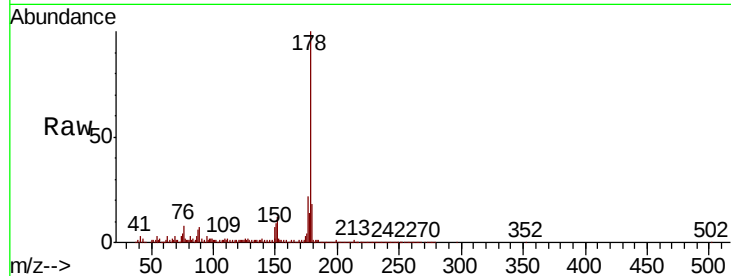




#71
Phenanthrene
Concen: 57.038 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

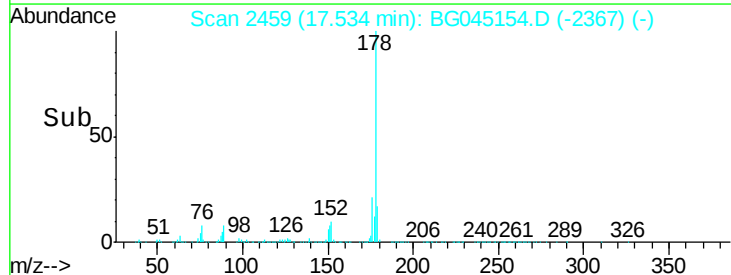
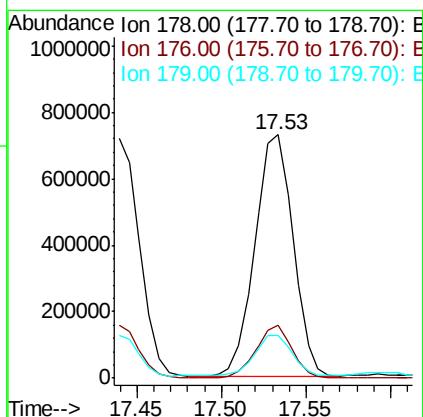
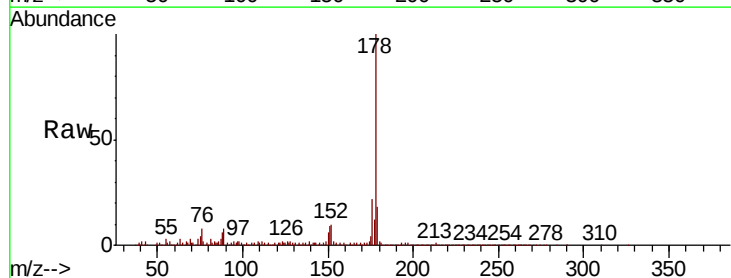
Instrument :
BNA_G
ClientSampled :

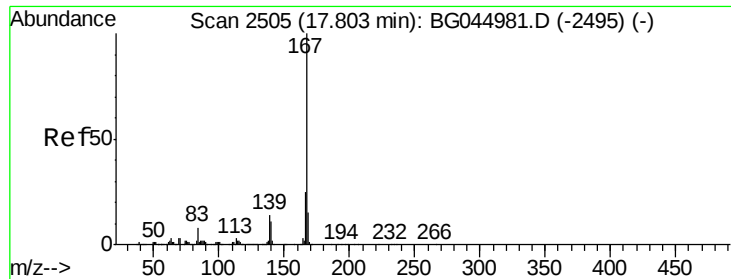
Tot Ion:178 Resp: 1128989
Ion Ratio Lower Upper
178 100
176 22.1 16.8 25.2
179 17.7 13.2 19.8



#72
Anthracene
Concen: 57.418 ng
RT: 17.53 min Scan# 2459
Delta R.T. 0.01 min
Lab File: BG045154.D
Acq: 23 Apr 2020 23:08

Tgt Ion:178 Resp: 1140050
Ion Ratio Lower Upper
178 100
176 21.6 16.0 24.0
179 17.6 13.6 20.4



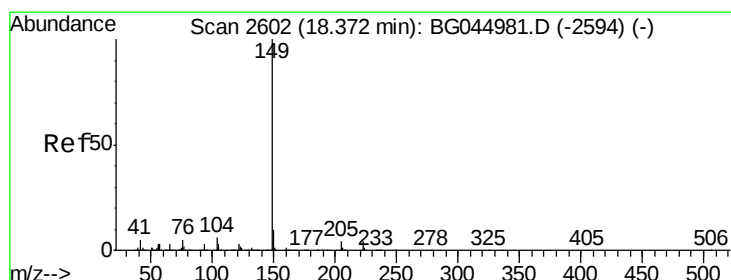
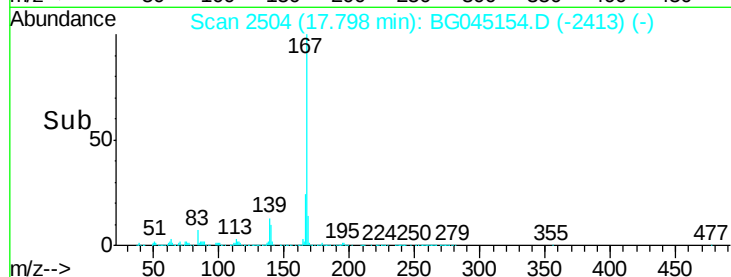
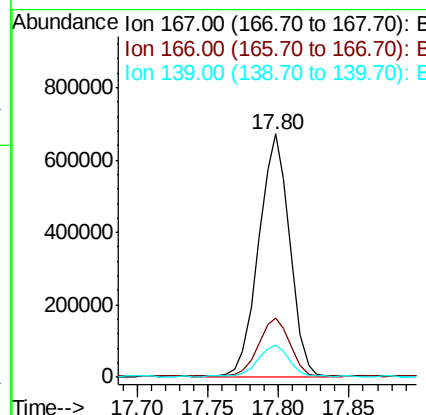
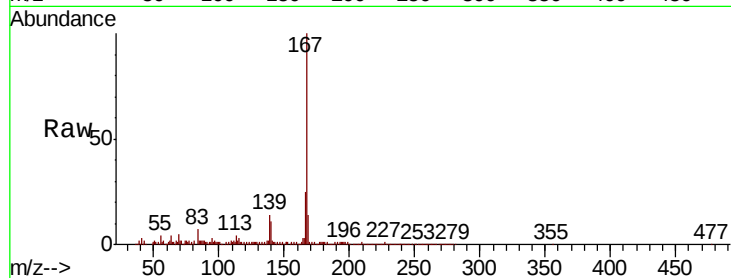


#73
 Carbazole
 Concen: 50.912 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1025836

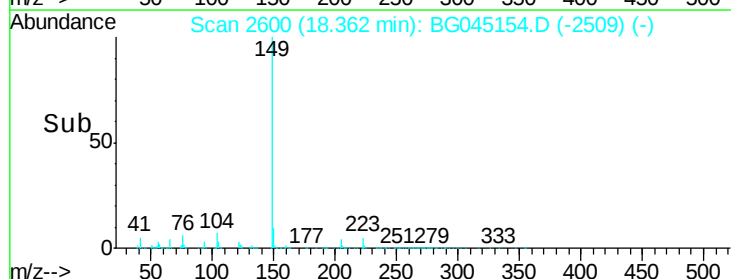
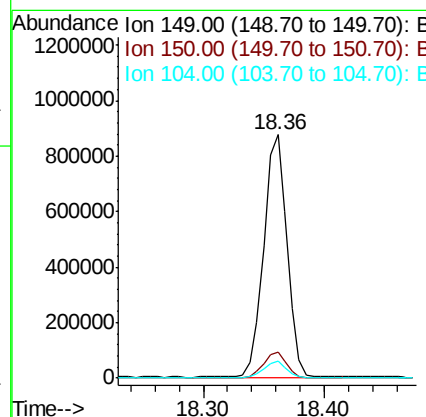
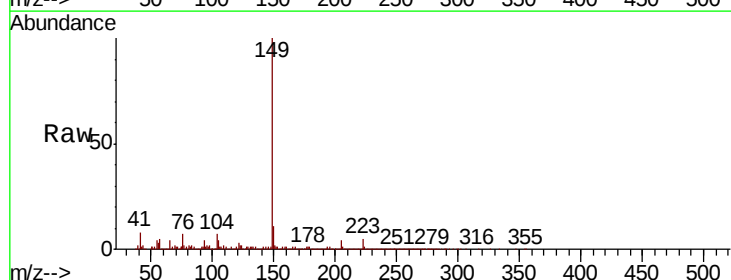
Ion	Ratio	Lower	Upper
167	100		
166	24.6	19.8	29.6
139	13.5	10.9	16.3

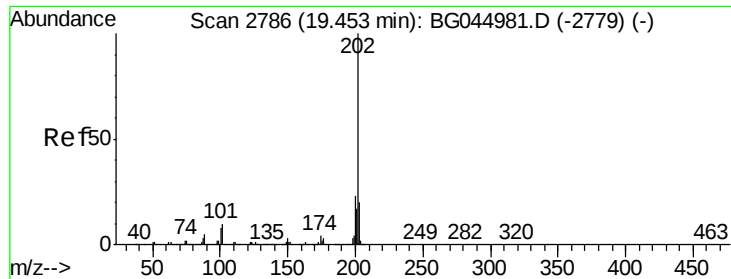


#74
 Di-n-butylphthalate
 Concen: 55.010 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion:149 Resp: 1176931

Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.2	12.2
104	7.1	4.8	7.2

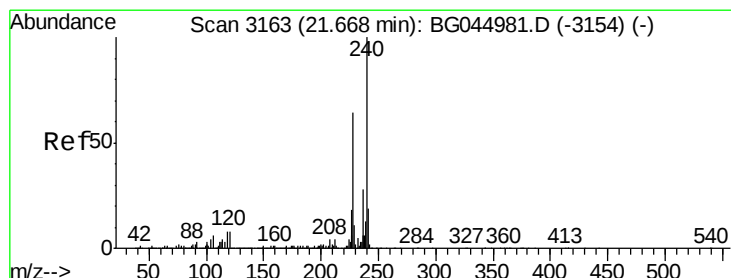
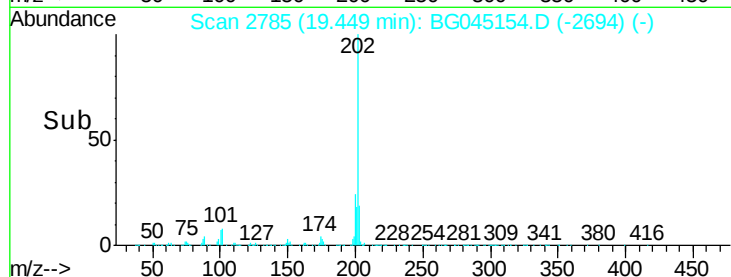
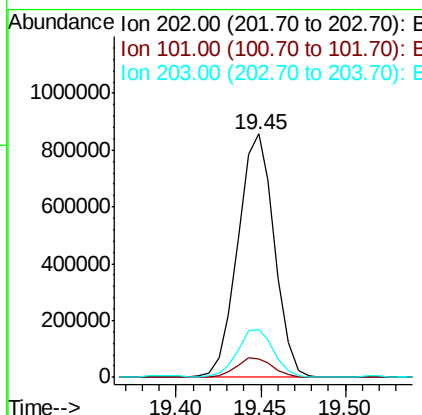
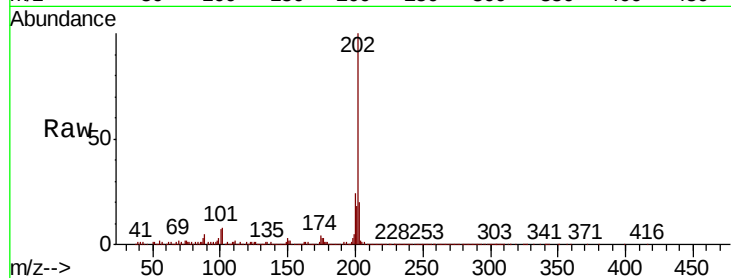




#75
 Fluoranthene
 Concen: 56.226 ng
 RT: 19.45 min Scan# 2785
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

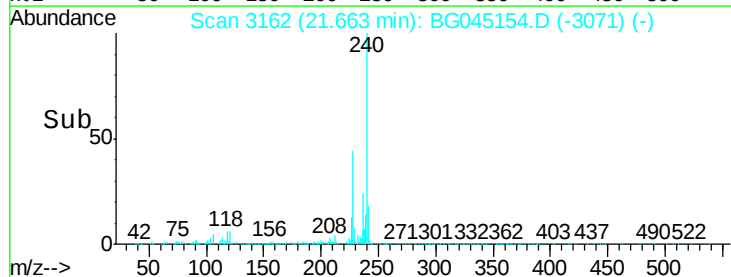
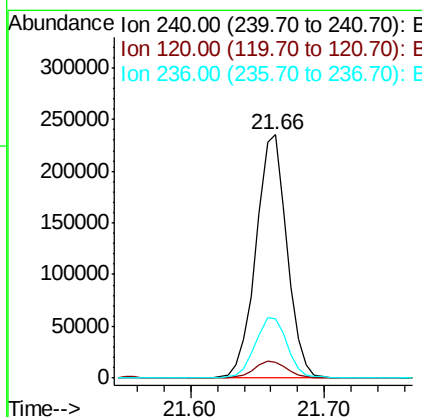
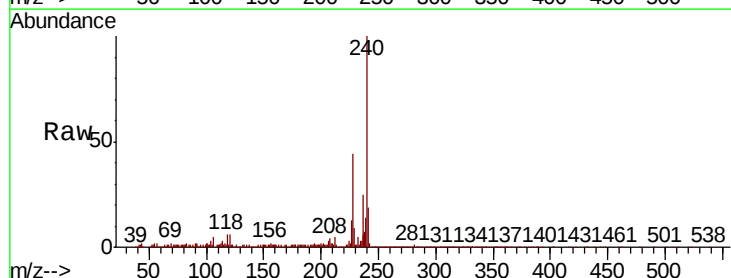
Instrument :
 BNA_G
 ClientSampleId :

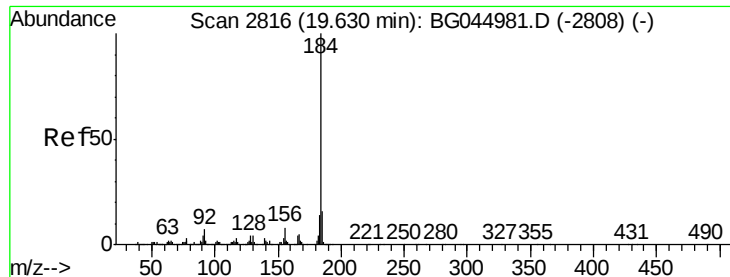
Tot Ion:202 Resp: 1272312
 Ion Ratio Lower Upper
 202 100
 101 7.7 0.0 29.6
 203 19.6 0.0 39.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3162
 Delta R.T. 0.01 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion:240 Resp: 375968
 Ion Ratio Lower Upper
 240 100
 120 6.5 6.6 10.0#
 236 24.5 22.2 33.2





#77

Benzidine

Concen: 62.157 ng

RT: 19.62 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

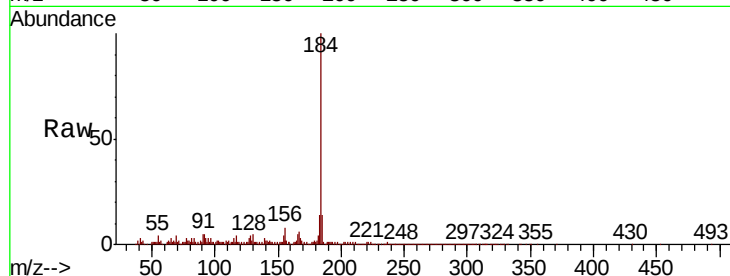
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 652133

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	19.0
183	14.0	11.3	16.9

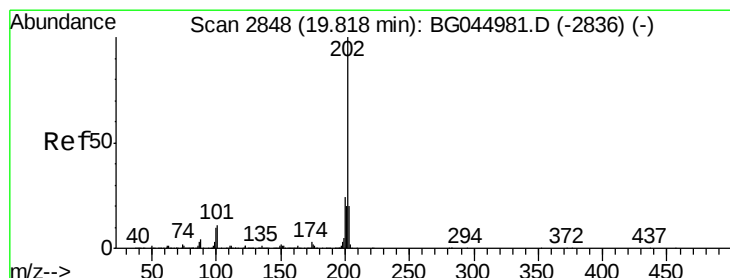
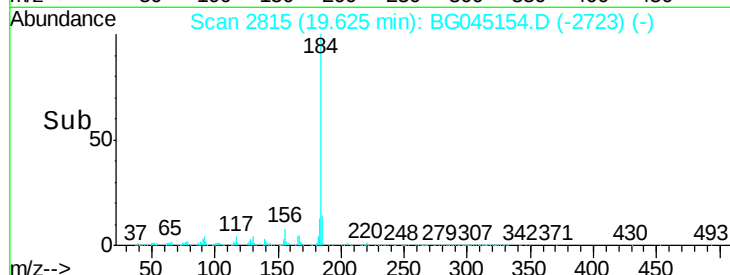
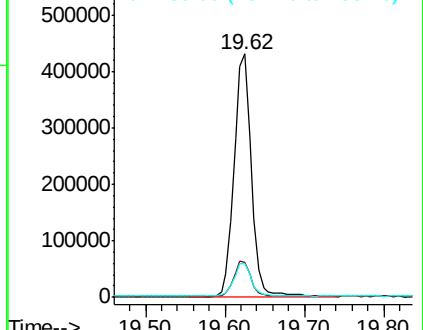


Abundance

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



#78

Pyrene

Concen: 50.118 ng

RT: 19.81 min Scan# 2846

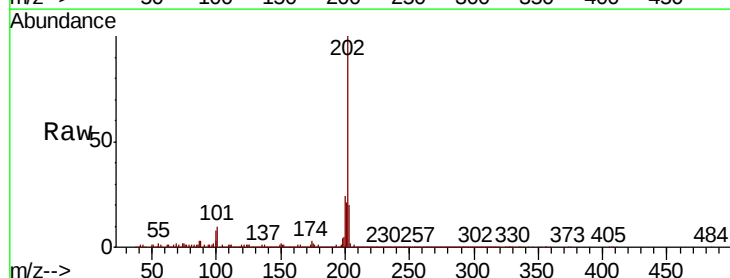
Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion:202 Resp: 1299028

Ion	Ratio	Lower	Upper
202	100		
200	23.7	19.0	28.6
203	20.2	16.1	24.1

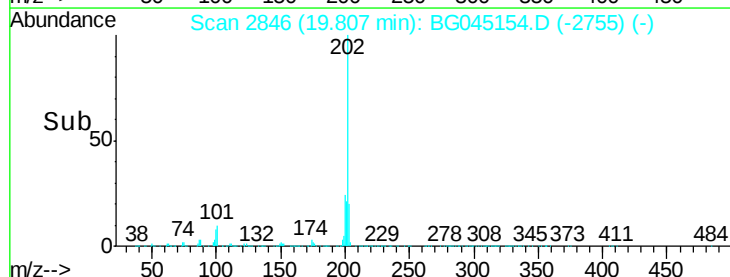
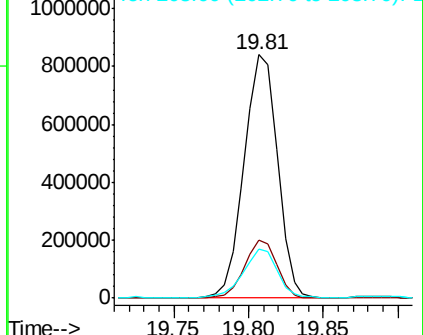


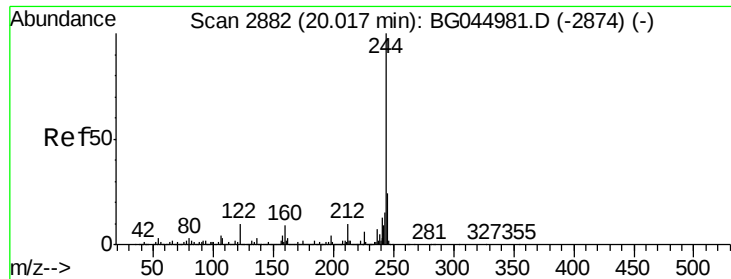
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 44.913 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampleId :

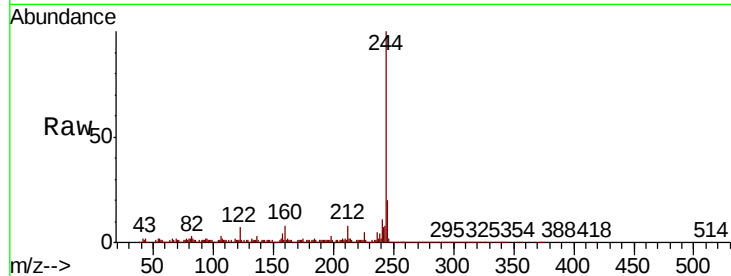
Tot Ion:244 Resp: 774728

Ion Ratio Lower Upper

244 100

212 8.0 7.9 11.9

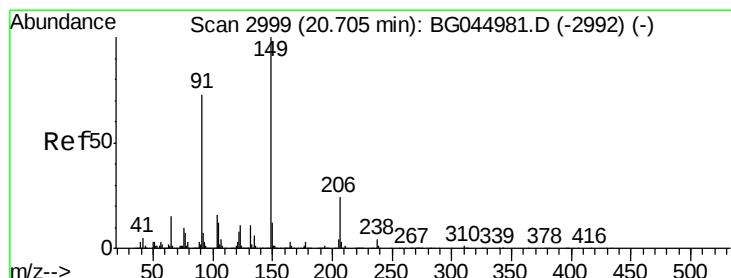
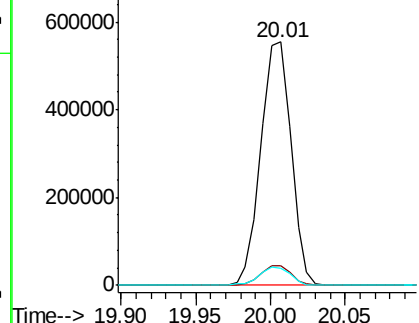
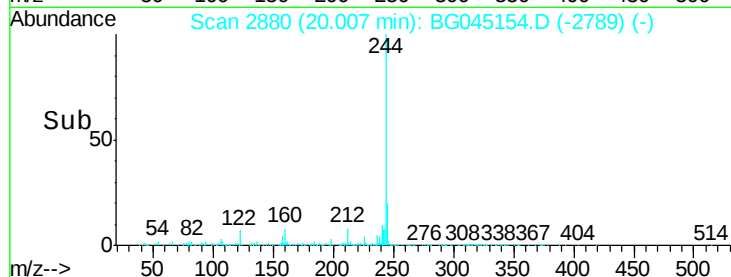
122 7.0 7.7 11.5#



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: 48.956 ng

RT: 20.69 min Scan# 2997

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

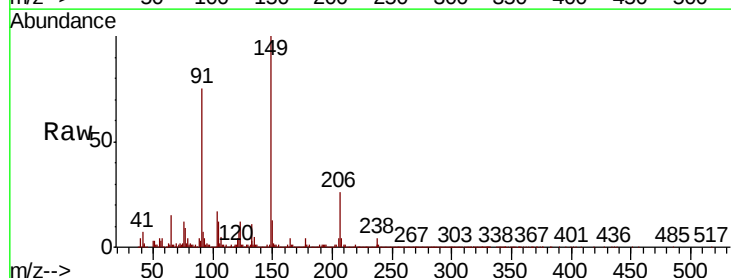
Tgt Ion:149 Resp: 525982

Ion Ratio Lower Upper

149 100

91 75.2 58.5 87.7

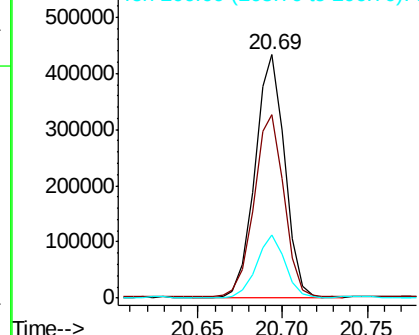
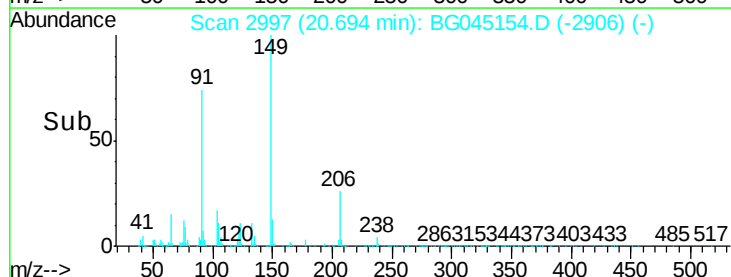
206 26.1 19.2 28.8

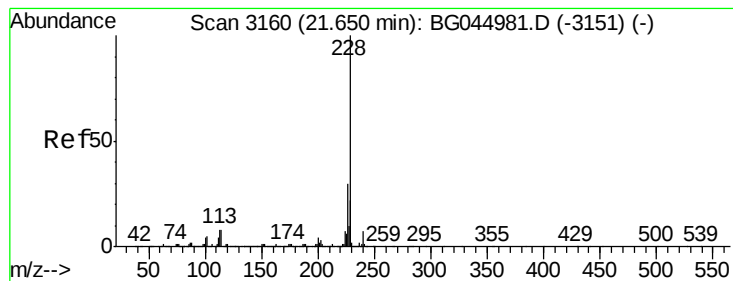


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 54.808 ng

RT: 21.65 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

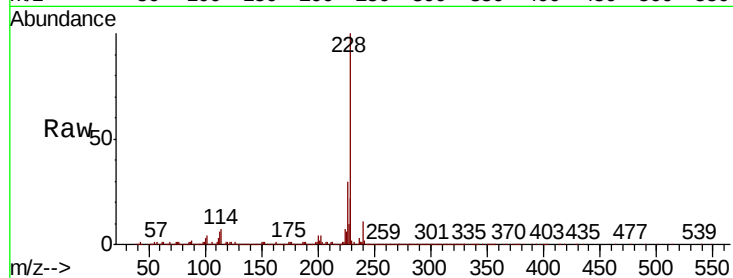
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1335555

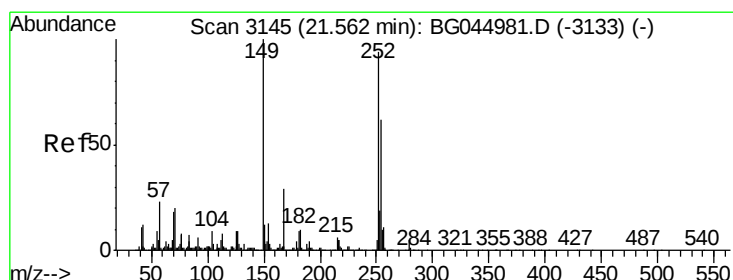
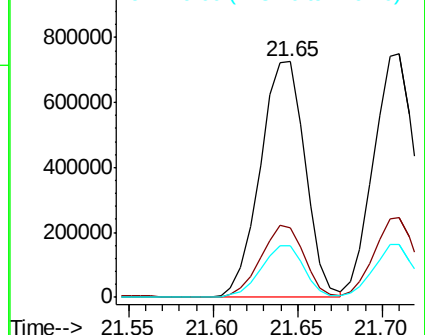
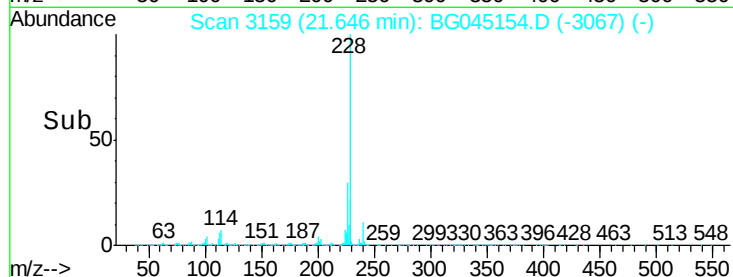
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	21.9	17.5	26.3



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: 45.976 ng

RT: 21.55 min Scan# 3143

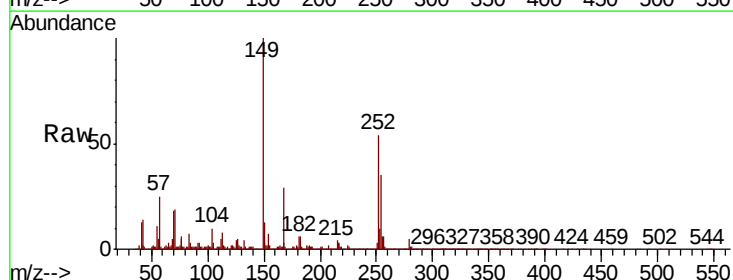
Delta R.T. 0.00 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion:252 Resp: 445919

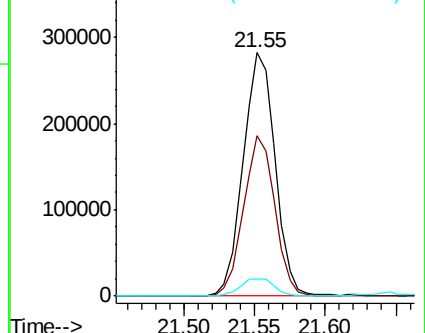
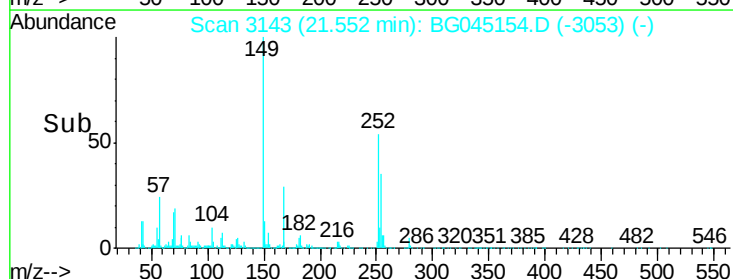
Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.6	79.0
126	7.2	7.5	11.3



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: 54.203 ng

RT: 21.71 min Scan# 3170

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

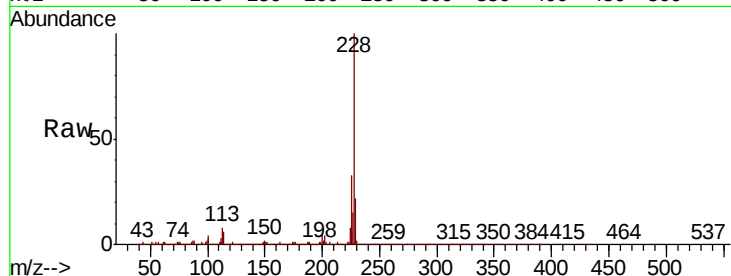
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1269062

Ion	Ratio	Lower	Upper
228	100		
226	32.6	26.2	39.4
229	21.8	17.0	25.6

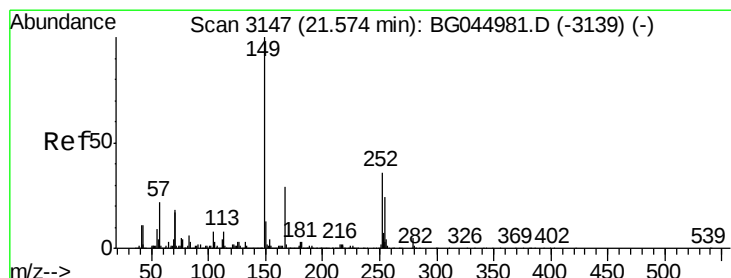
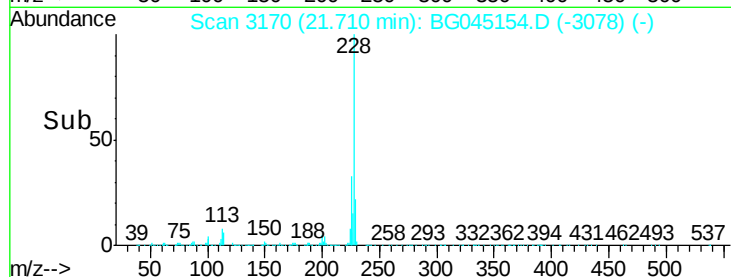
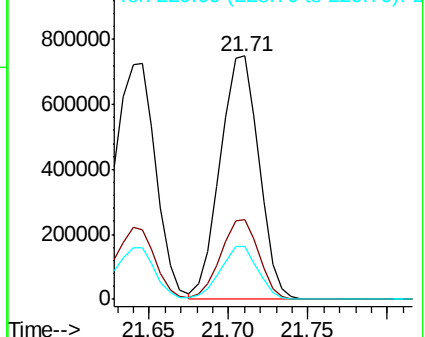


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.352 ng

RT: 21.56 min Scan# 3144

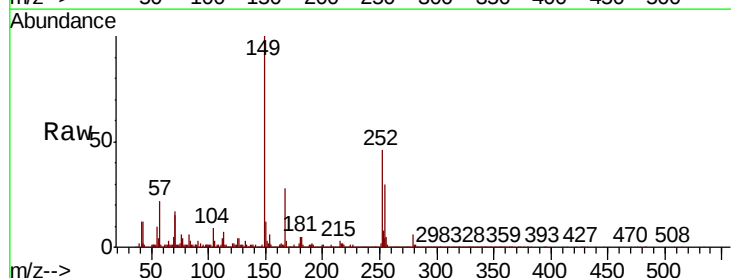
Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Tgt Ion:149 Resp: 773577

Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.4	35.0
279	5.5	4.3	6.5

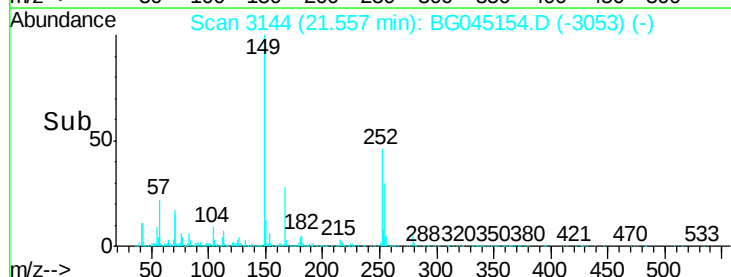
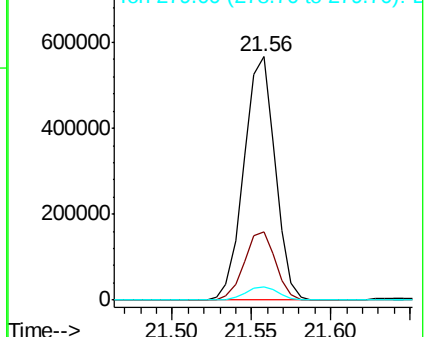


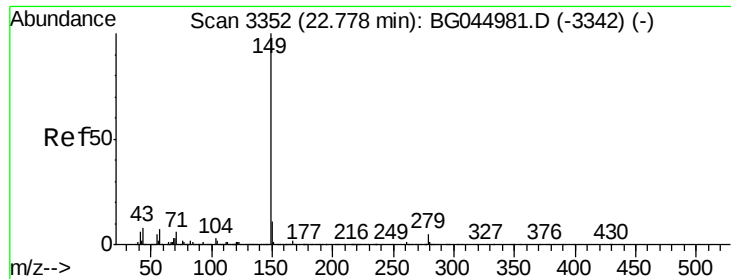
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.404 ng

RT: 22.76 min Scan# 3348

Delta R.T. 0.00 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampleId :

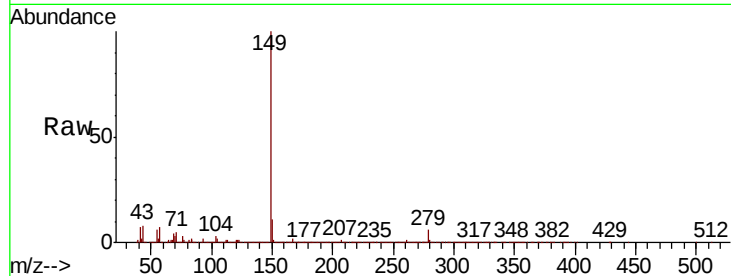
Tot Ion:149 Resp: 1339043

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

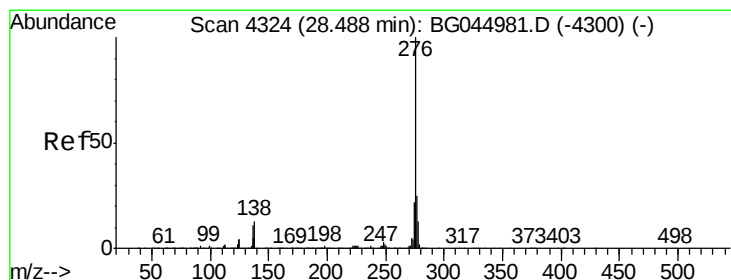
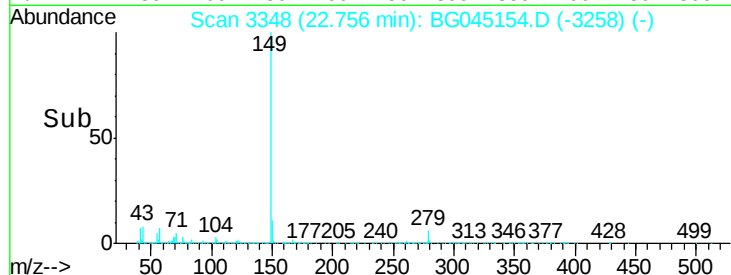
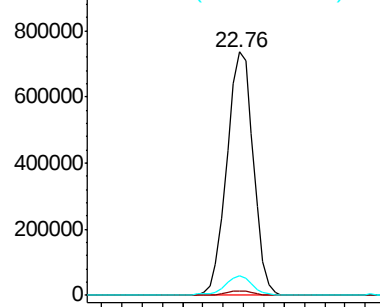
43 7.7 5.7 8.5



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: 54.308 ng

RT: 28.47 min Scan# 4320

Delta R.T. 0.02 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

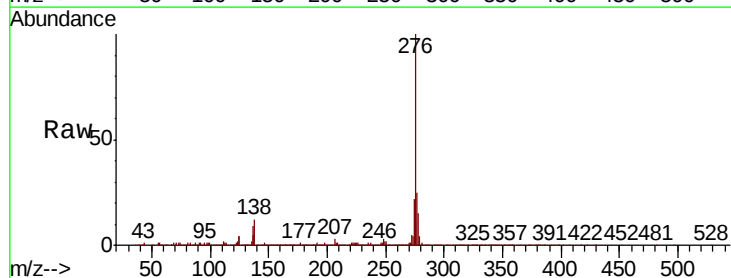
Tgt Ion:276 Resp: 1688177

Ion Ratio Lower Upper

276 100

138 9.5 9.6 14.4#

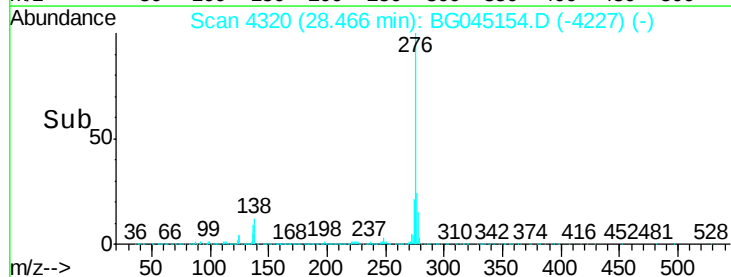
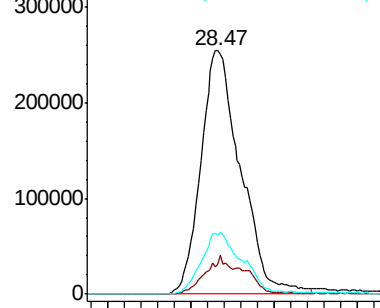
277 25.6 20.6 31.0

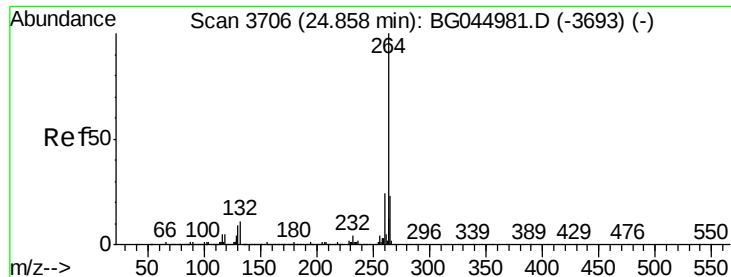


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.84 min Scan# 3703

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampleId :

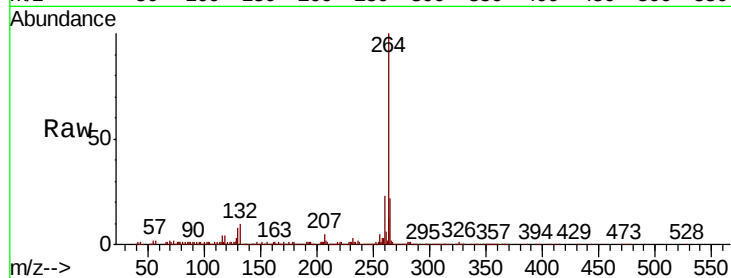
Tot Ion:264 Resp: 421122

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

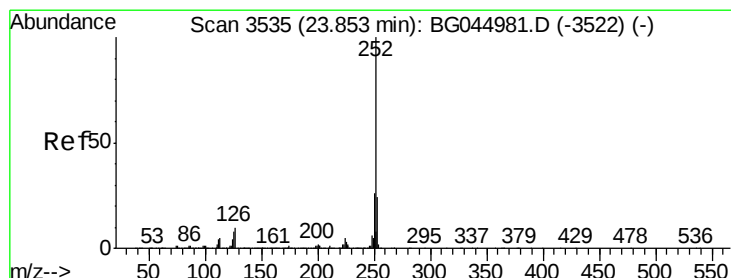
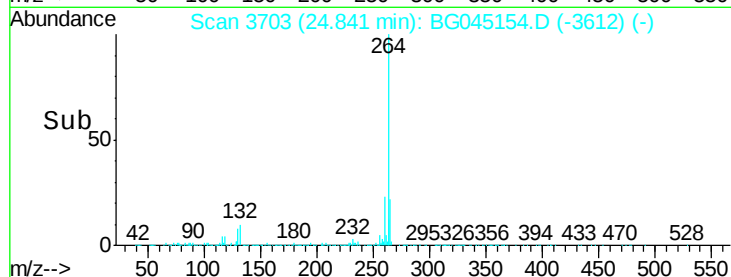
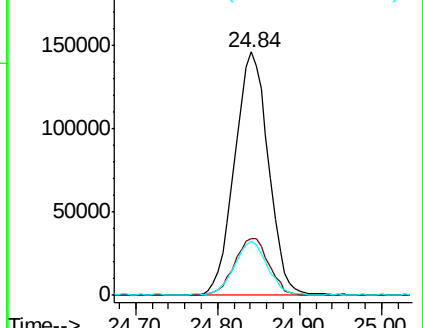
265 22.2 19.0 28.4



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: 55.294 ng

RT: 23.84 min Scan# 3532

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

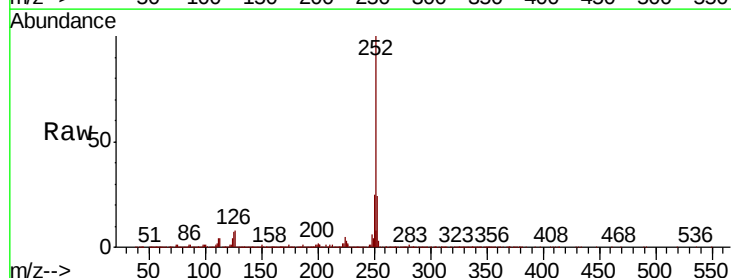
Tgt Ion:252 Resp: 1458589

Ion Ratio Lower Upper

252 100

253 23.7 18.8 28.2

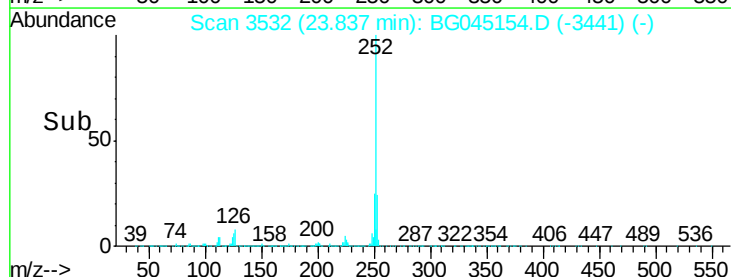
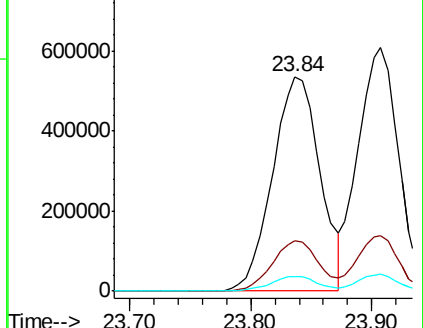
125 6.5 6.2 9.4

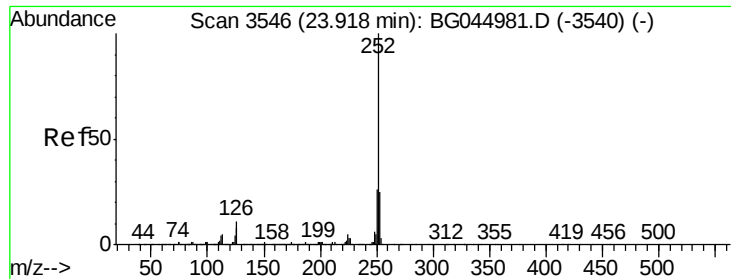


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 56.089 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.01 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

Instrument :

BNA_G

ClientSampleId :

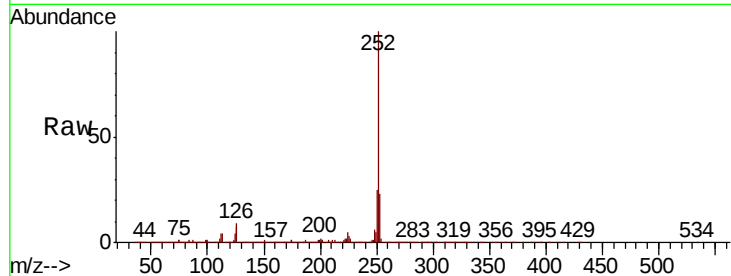
Tot Ion:252 Resp: 1407074

Ion Ratio Lower Upper

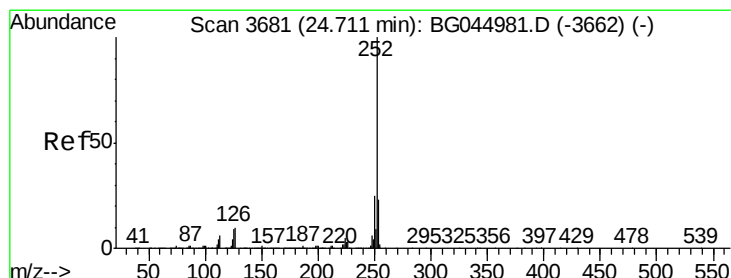
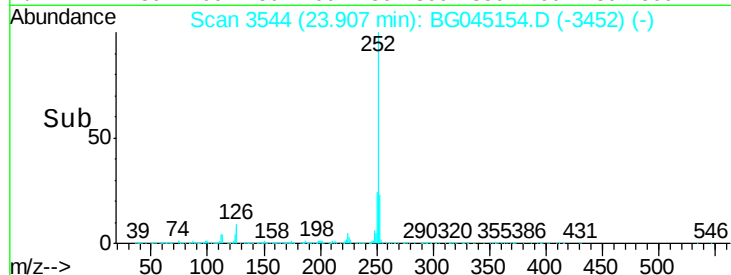
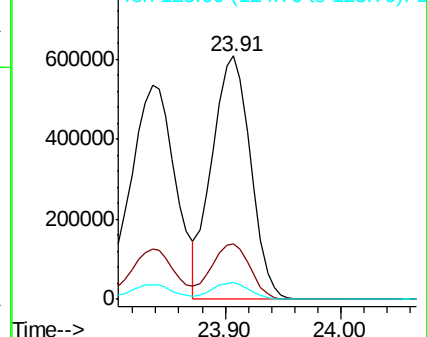
252 100

253 23.0 19.2 28.8

125 6.9 5.9 8.9



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



#90

Benzo(a)pyrene

Concen: 53.951 ng

RT: 24.70 min Scan# 3679

Delta R.T. 0.02 min

Lab File: BG045154.D

Acq: 23 Apr 2020 23:08

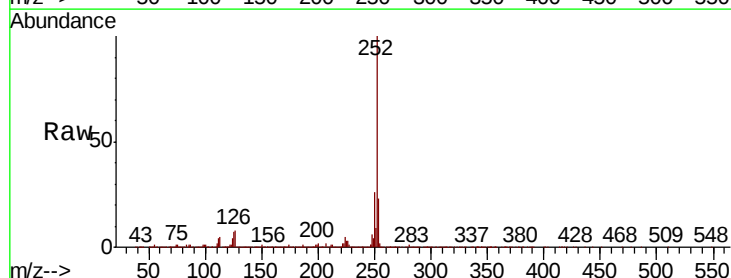
Tgt Ion:252 Resp: 1343682

Ion Ratio Lower Upper

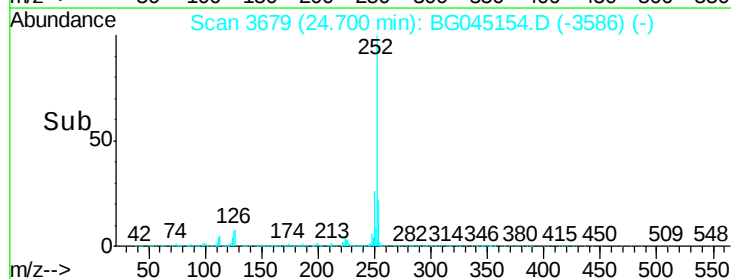
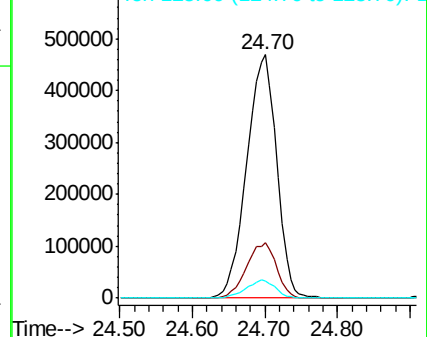
252 100

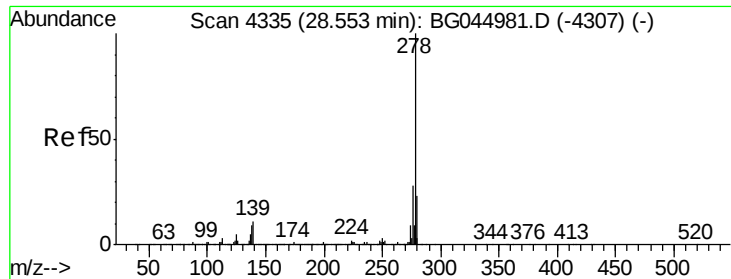
253 22.5 18.3 27.5

125 7.0 7.0 10.6#



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

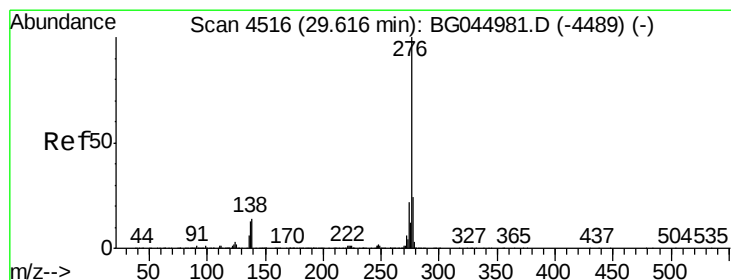
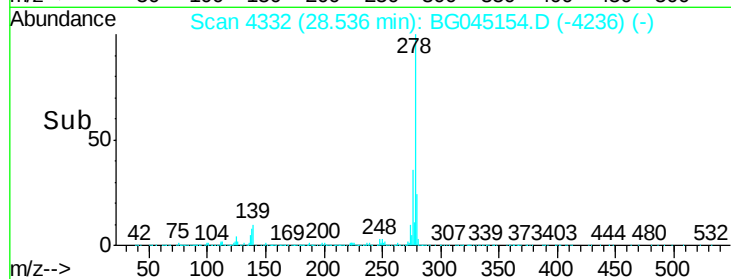
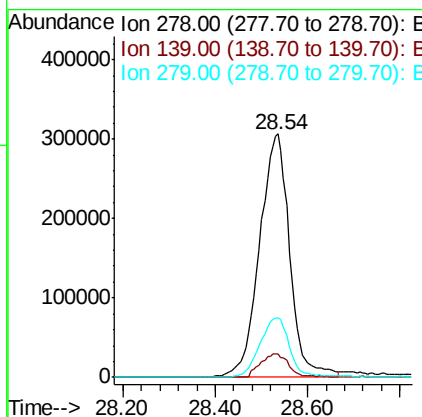
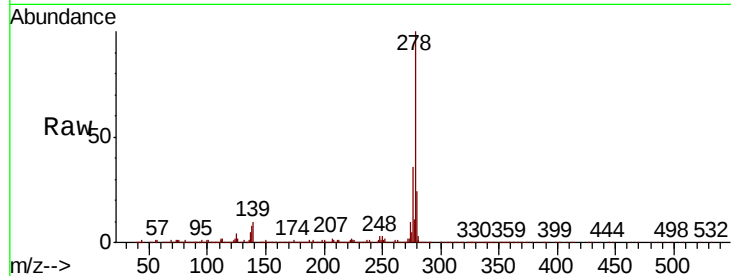




#91
 Dibenzo(a,h)anthracene
 Concen: 55.035 ng
 RT: 28.54 min Scan# 4332
 Delta R.T. 0.04 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:278 Resp: 1381167
 Ion Ratio Lower Upper
 278 100
 139 9.6 9.0 13.6
 279 24.1 18.4 27.6



#92
 Benzo(g,h,i)perylene
 Concen: 50.404 ng
 RT: 29.60 min Scan# 4513
 Delta R.T. 0.04 min
 Lab File: BG045154.D
 Acq: 23 Apr 2020 23:08

Tgt Ion:276 Resp: 1268179
 Ion Ratio Lower Upper
 276 100
 277 23.2 19.3 28.9
 138 12.4 11.4 17.2

