

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042813.D
 Acq On : 13 Sep 2019 12:11
 Operator : HP/JU
 Sample : PB123017BSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 13:08:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	77903	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	310451	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	214451	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	489249	20.00	ng	0.00
76) Chrysene-d12	21.75	240	523573	20.00	ng	0.00
87) Perylene-d12	25.02	264	575836	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	543330	121.25	ng	0.00
7) Phenol-d6	7.27	99	761672	118.43	ng	0.00
23) Nitrobenzene-d5	9.27	82	435958	73.11	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	317664	111.34	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	964645	71.20	ng	0.00
79) Terphenyl-d14	20.09	244	1669315	70.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	77927	38.106	ng	96
3) Pyridine	3.98	79	203608	33.068	ng	96
4) n-Nitrosodimethylamine	3.89	42	119598	39.919	ng	100
6) Aniline	7.44	93	281059	32.390	ng	95
8) 2-Chlorophenol	7.68	128	219468	45.311	ng	97
9) Benzaldehyde	7.25	77	157372	37.601	ng	92
10) Phenol	7.29	94	295270	44.766	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	211939	41.868	ng	97
12) 1,3-Dichlorobenzene	8.01	146	232881	39.420	ng	99
13) 1,4-Dichlorobenzene	8.15	146	238012	40.241	ng	99
14) 1,2-Dichlorobenzene	8.48	146	220951	39.244	ng	97
15) Benzyl Alcohol	8.35	79	236158	42.786	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	426253	38.345	ng	98
17) 2-Methylphenol	8.55	107	197317	44.716	ng	99
18) Hexachloroethane	9.21	117	83833	38.391	ng	89
19) n-Nitroso-di-n-propylamine	8.92	70	190924	40.286	ng	97
20) 3+4-Methylphenols	8.88	107	267509	43.978	ng	96
22) Acetophenone	8.93	105	330093	42.101	ng	97
24) Nitrobenzene	9.32	77	271669	43.404	ng	97
25) Isophorone	9.84	82	518983	41.754	ng	98
26) 2-Nitrophenol	10.03	139	114855	46.665	ng	94
27) 2,4-Dimethylphenol	10.09	122	215962	49.604	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	284741	41.079	ng	99
29) 2,4-Dichlorophenol	10.57	162	226239	44.717	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	247873	40.128	ng	99
31) Naphthalene	10.98	128	641968	41.882	ng	99
32) Benzoic acid	10.20	122	139657	40.696	ng	99
33) 4-Chloroaniline	11.07	127	174208	24.316	ng	97
34) Hexachlorobutadiene	11.27	225	166906	38.566	ng	96
35) Caprolactam	11.83	113	49998	26.575	ng	96
36) 4-Chloro-3-methylphenol	12.18	107	251041	45.700	ng	94
37) 2-Methylnaphthalene	12.58	142	487829	42.486	ng	97
38) 1-Methylnaphthalene	12.79	142	450006	41.787	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	296715	41.871	ng	99

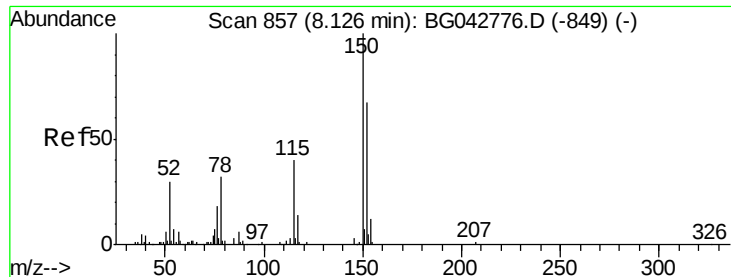
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042813.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	395260	97.364	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	202920	43.011	nq	96
44) 2,4,5-Trichlorophenol	13.24	196	218537	45.223	nq	97
46) 1,1'-Biphenyl	13.58	154	641447	42.726	nq	100
47) 2-Chloronaphthalene	13.62	162	502170	40.435	nq	100
48) 2-Nitroaniline	13.80	65	182192	42.290	nq	98
49) Acenaphthylene	14.46	152	808461	42.599	nq	98
50) Dimethylphthalate	14.19	163	643781	40.073	nq	99
51) 2,6-Dinitrotoluene	14.30	165	145642	44.182	nq	96
52) Acenaphthene	14.80	154	515017	41.538	nq	97
53) 3-Nitroaniline	14.62	138	108435	29.310	nq	95
54) 2,4-Dinitrophenol	14.83	184	82752	50.994	nq	# 82
55) Dibenzofuran	15.13	168	772310	41.907	nq	100
56) 4-Nitrophenol	14.92	139	245395	85.787	nq	99
57) 2,4-Dinitrotoluene	15.08	165	200250	45.575	nq	99
58) Fluorene	15.78	166	630624	41.289	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	205158	43.795	nq	# 99
60) Diethylphthalate	15.55	149	637411	39.087	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	356393	39.465	nq	97
62) 4-Nitroaniline	15.79	138	158414	39.724	nq	96
63) Azobenzene	16.07	77	646439	41.166	nq	99
65) 4,6-Dinitro-2-methylphenol	15.84	198	81815	39.082	nq	94
66) n-Nitrosodiphenylamine	15.98	169	566389	43.021	nq	97
67) 4-Bromophenyl-phenylether	16.67	248	239469	40.439	nq	100
68) Hexachlorobenzene	16.79	284	252161	39.851	nq	96
69) Atrazine	16.92	200	219060	47.782	nq	97
70) Pentachlorophenol	17.12	266	332825	88.666	nq	94
71) Phenanthrene	17.52	178	994571	42.507	nq	100
72) Anthracene	17.61	178	1011805	43.284	nq	99
73) Carbazole	17.87	167	961821	43.291	nq	98
74) Di-n-butylphthalate	18.44	149	1104105	41.485	nq	100
75) Fluoranthene	19.52	202	1327179	43.767	nq	99
77) Benzidine	19.69	184	634888	43.402	nq	98
78) Pyrene	19.89	202	1345452	41.046	nq	100
80) Butylbenzylphthalate	20.77	149	544329	41.032	nq	99
81) Benzo(a)anthracene	21.74	228	1349296	40.532	nq	98
82) 3,3'-Dichlorobenzidine	21.64	252	383698	29.659	nq	97
83) Chrysene	21.80	228	1316473	41.749	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	755193	41.663	nq	99
85) Di-n-octyl phthalate	22.89	149	1293953	41.874	nq	99
86) Indeno(1,2,3-cd)pyrene	28.76	276	1622059	41.539	nq	# 92
88) Benzo(b)fluoranthene	23.99	252	1432589	42.370	nq	98
89) Benzo(k)fluoranthene	24.06	252	1355643	42.444	nq	98
90) Benzo(a)pyrene	24.87	252	1383766	43.707	nq	100
91) Dibenzo(a,h)anthracene	28.83	278	1344961	43.192	nq	98
92) Benzo(g,h,i)perylene	29.92	276	1323801	43.585	nq	98

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

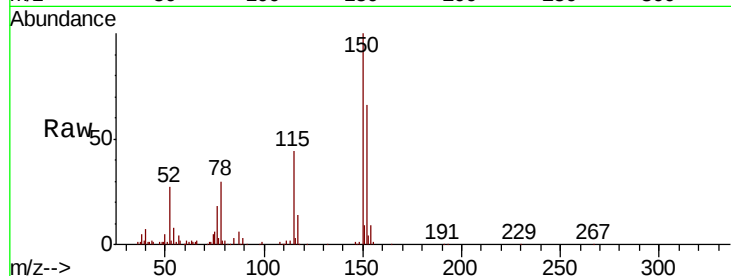


#1

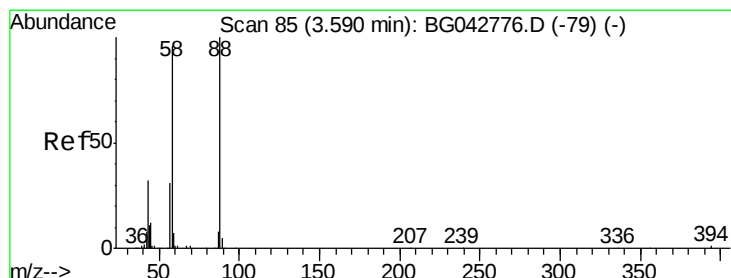
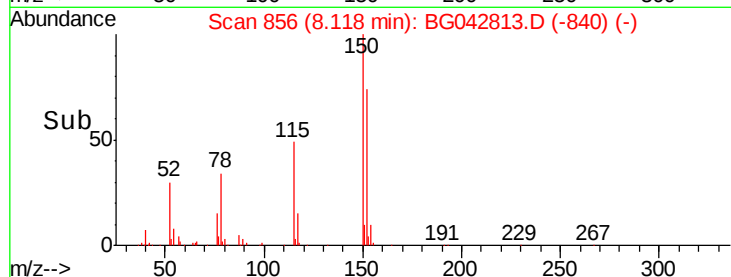
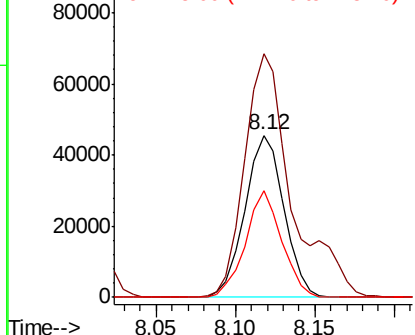
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	118.9	178.3
115	65.8	47.4	71.2



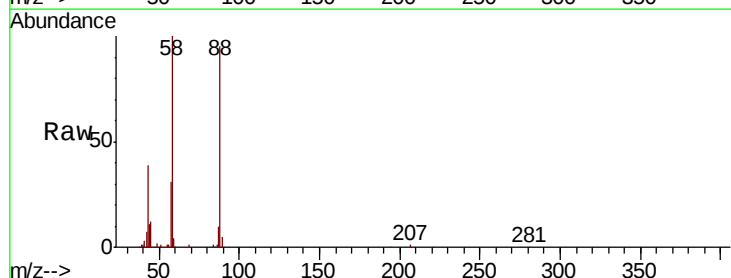
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



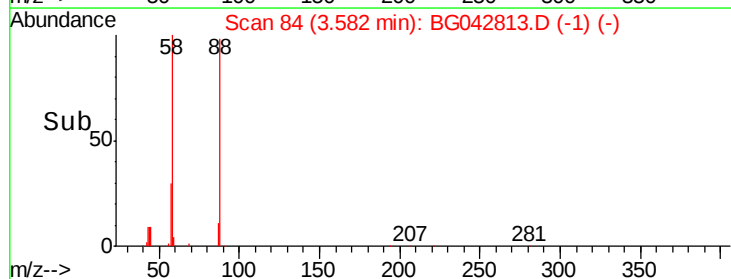
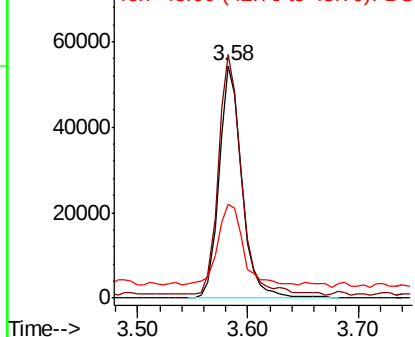
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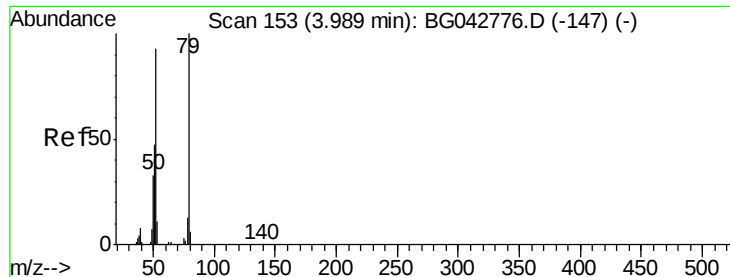
1,4-Dioxane
Concen: 38.106 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.9	79.1	118.7
43	39.1	30.4	45.6



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: 33.068 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleId :

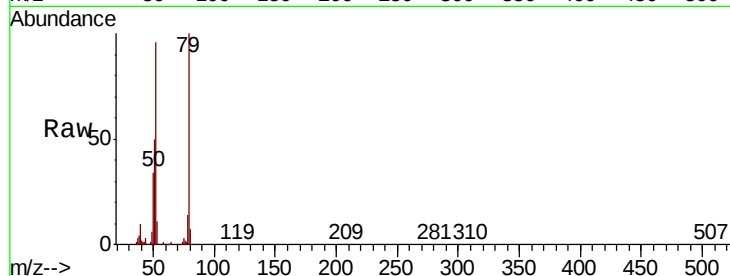
Tot Ion: 79 Resp: 203608

Ion Ratio Lower Upper

79 100

52 95.7 74.0 111.0

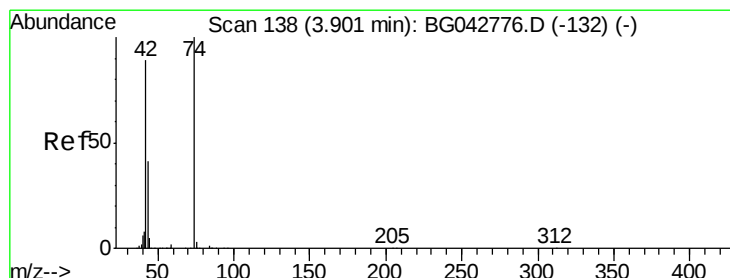
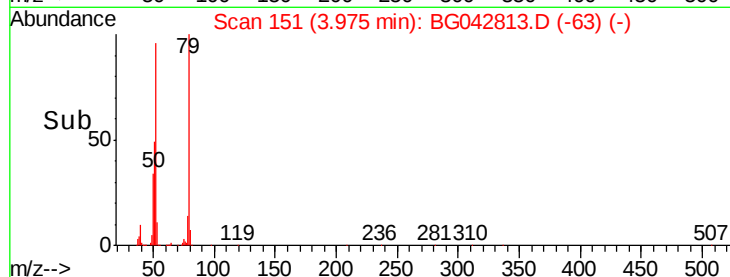
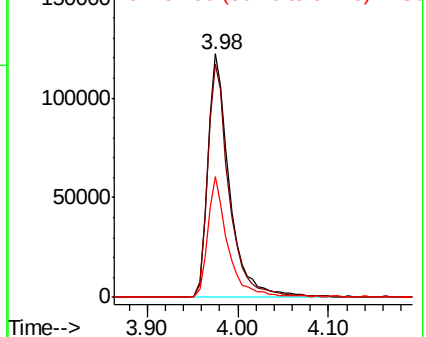
51 49.8 37.5 56.3



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: 39.919 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

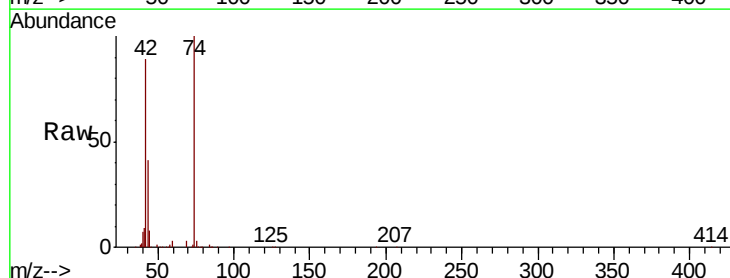
Tgt Ion: 42 Resp: 119598

Ion Ratio Lower Upper

42 100

74 112.7 90.2 135.2

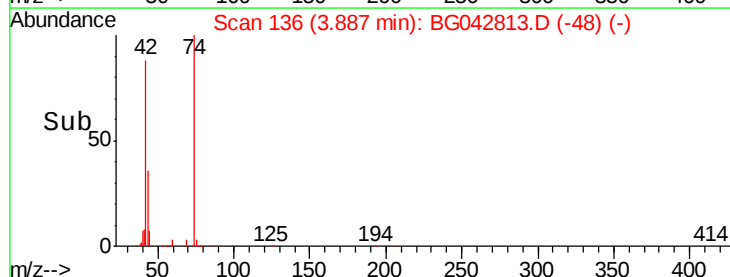
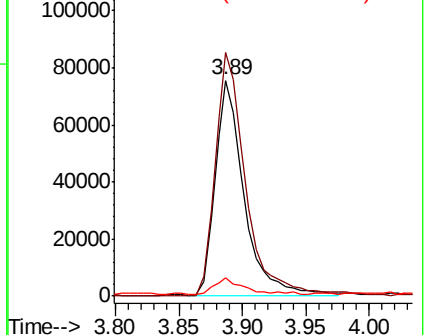
44 8.6 6.6 9.8

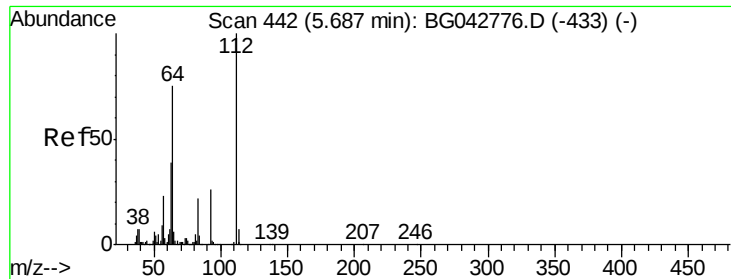


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 121.254 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleId :

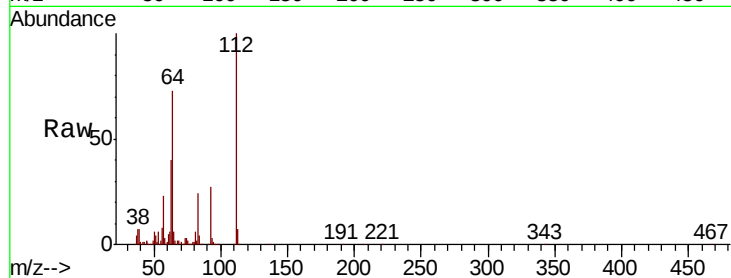
Tot Ion:112 Resp: 543330

Ion Ratio Lower Upper

112 100

64 73.0 60.2 90.2

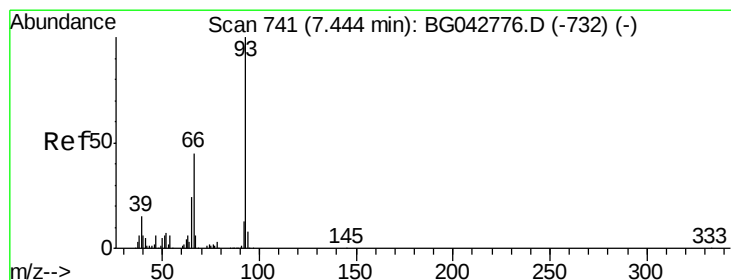
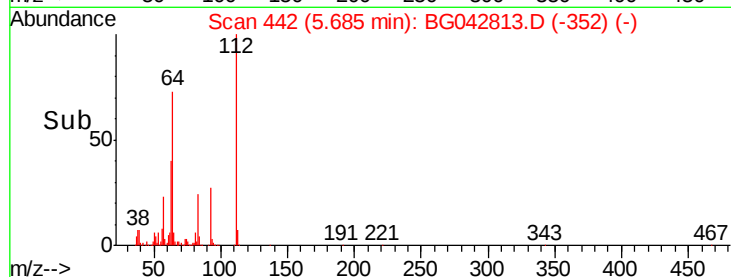
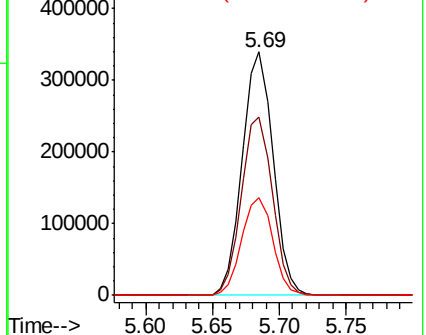
63 40.3 31.2 46.8



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: 32.390 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

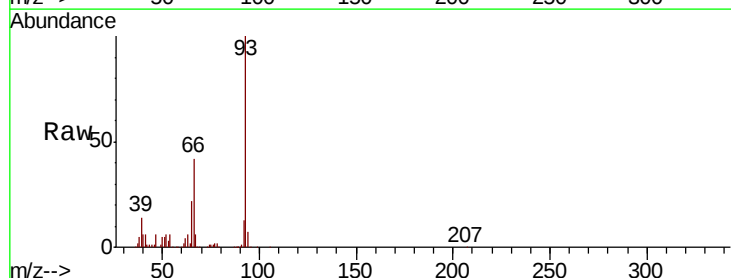
Tgt Ion: 93 Resp: 281059

Ion Ratio Lower Upper

93 100

66 41.6 36.3 54.5

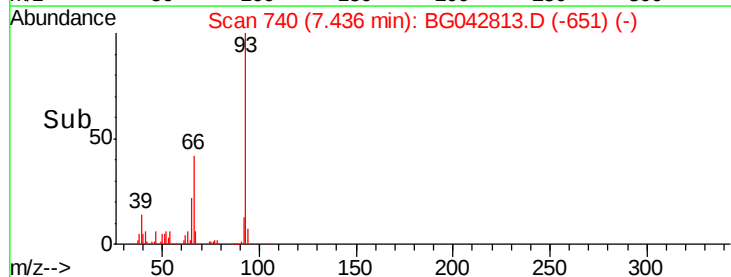
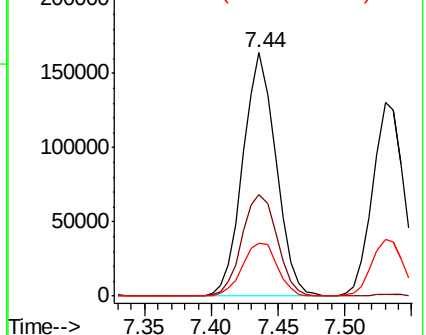
65 21.9 19.3 28.9

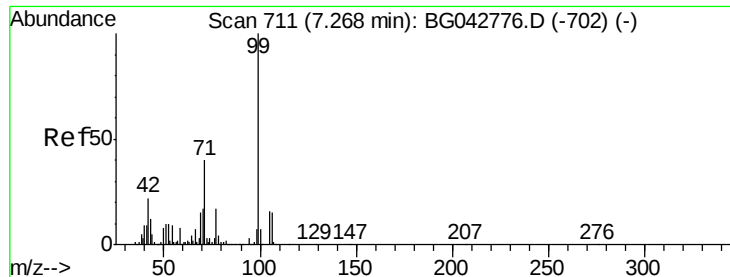


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.426 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampled :

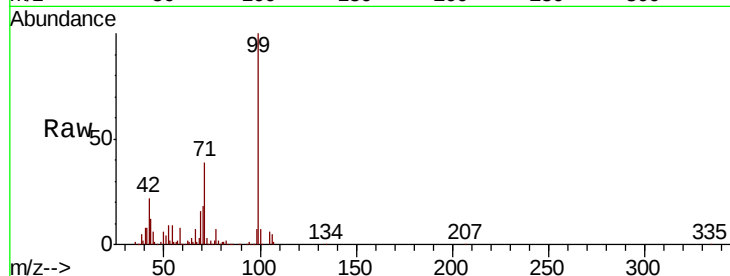
Tot Ion: 99 Resp: 761672

Ion Ratio Lower Upper

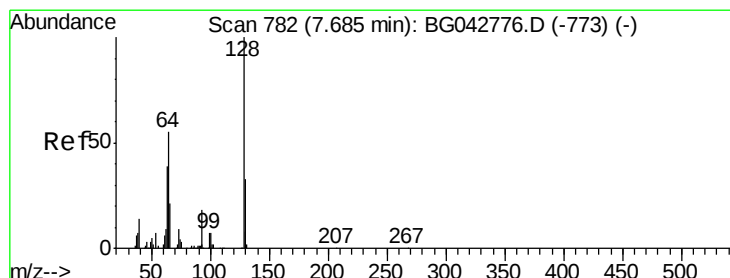
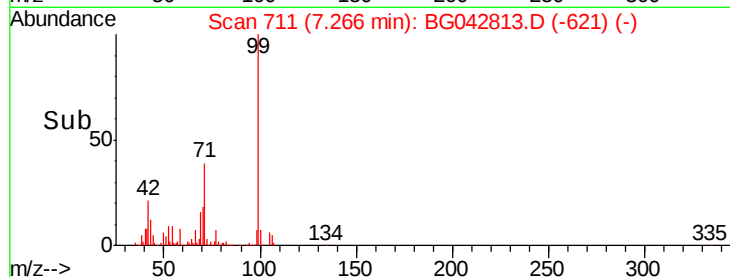
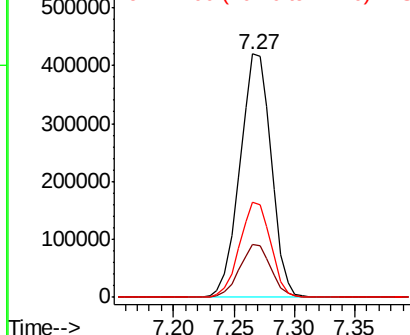
99 100

42 21.5 17.5 26.3

71 39.3 32.0 48.0



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: 45.311 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

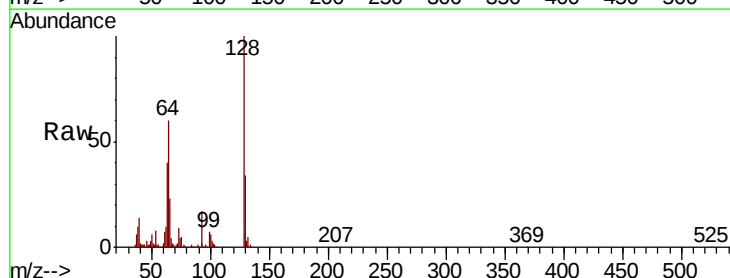
Tgt Ion: 128 Resp: 219468

Ion Ratio Lower Upper

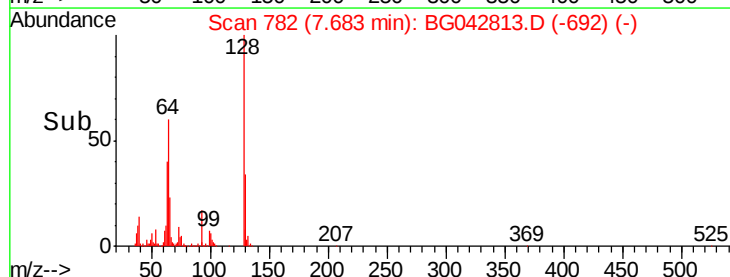
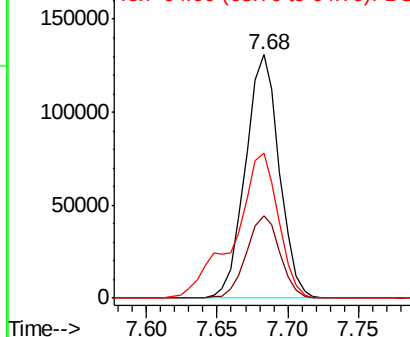
128 100

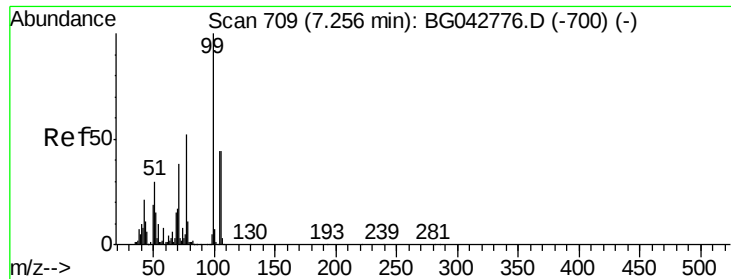
130 33.6 12.8 52.8

64 59.6 36.8 76.8



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

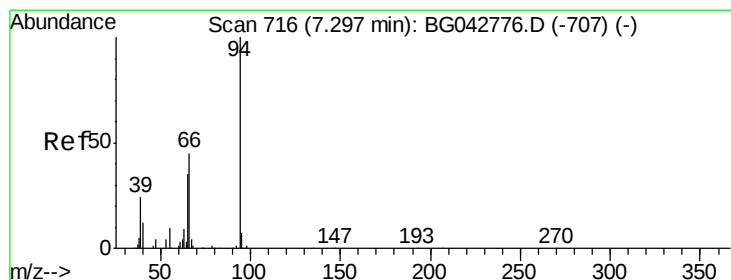
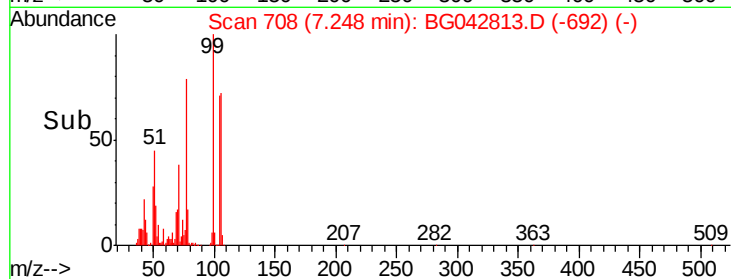
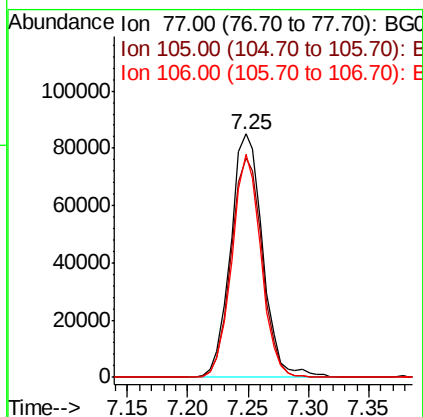
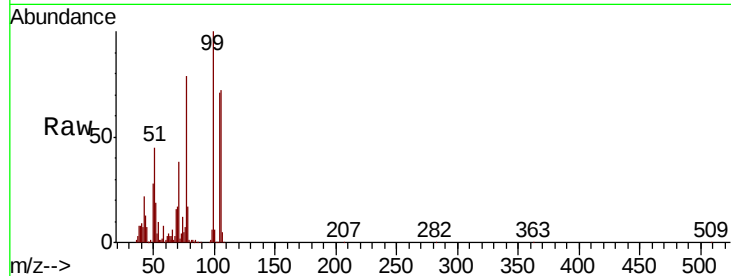




#9
Benzaldehyde
Concen: 37.601 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

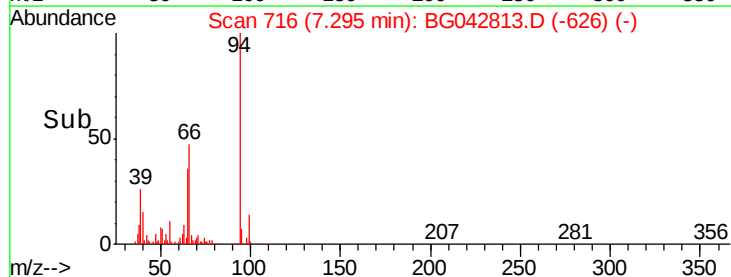
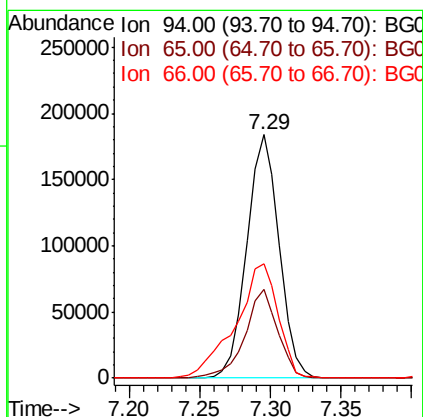
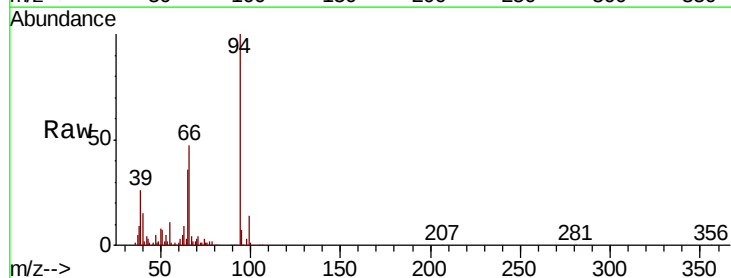
Instrument :
BNA_G
ClientSampleId :

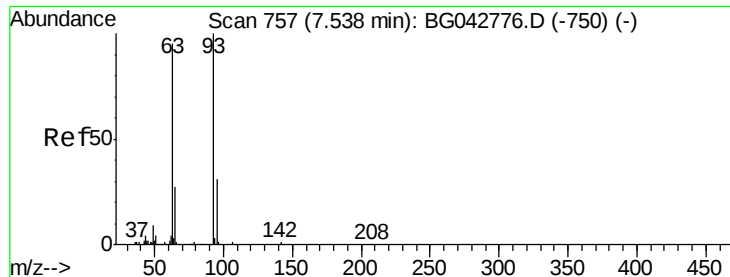
Tot Ion: 77 Resp: 157372
Ion Ratio Lower Upper
77 100
105 90.2 64.5 104.5
106 91.4 63.4 103.4



#10
Phenol
Concen: 44.766 ng
RT: 7.29 min Scan# 716
Delta R.T. -0.00 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion: 94 Resp: 295270
Ion Ratio Lower Upper
94 100
65 36.3 15.0 55.0
66 46.8 26.1 66.1

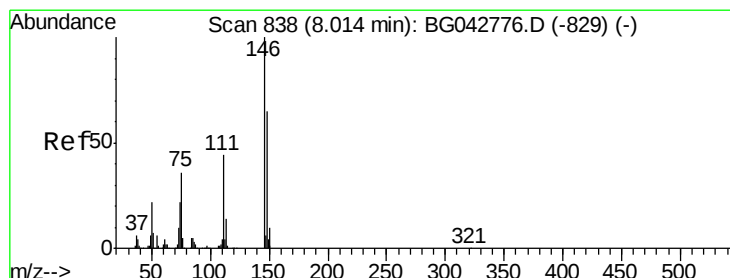
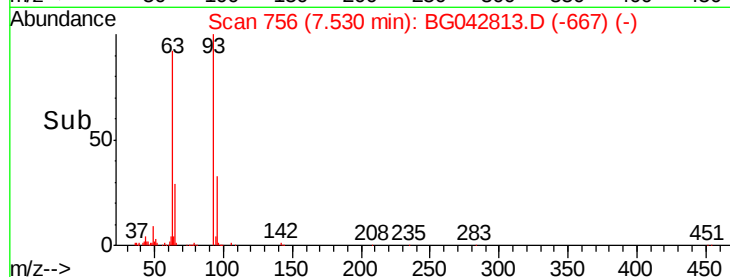
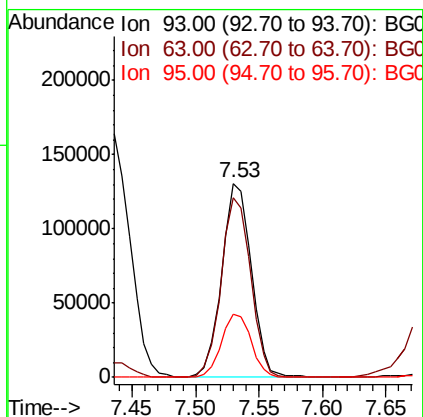
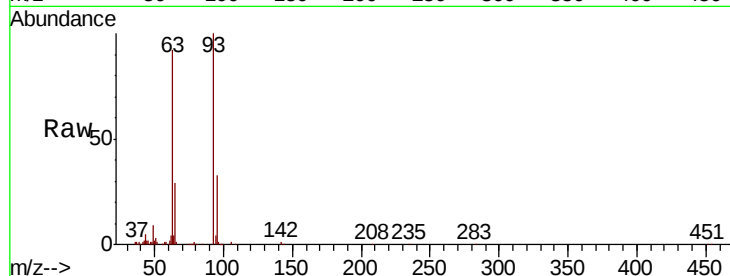




#11
 bis(2-Chloroethyl)ether
 Concen: 41.868 ng
 RT: 7.53 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

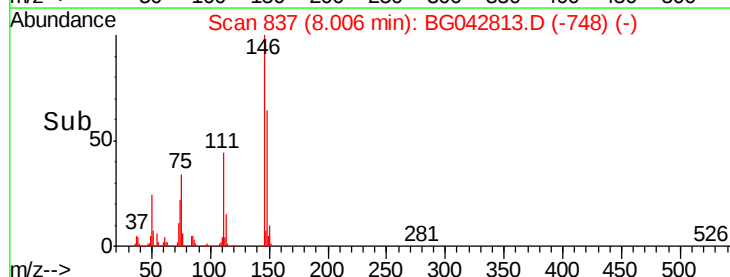
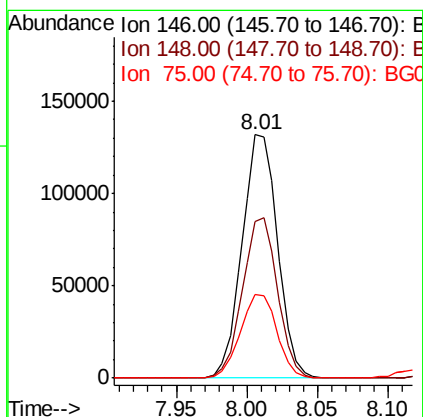
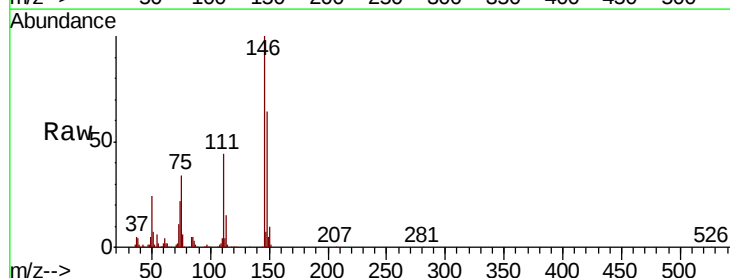
Instrument :
 BNA_G
 ClientSampleId :

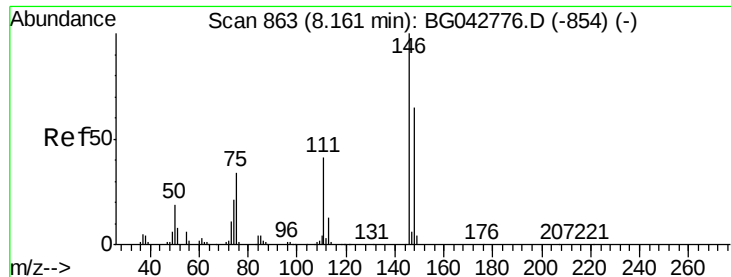
Tot Ion	Ion	Ratio	Lower	Upper
93	100			
63	92.4	74.7	114.7	
95	32.8	11.1	51.1	



#12
 1,3-Dichlorobenzene
 Concen: 39.420 ng
 RT: 8.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	64.2	51.9	77.9	
75	34.2	28.4	42.6	





#13

1,4-Dichlorobenzene

Concen: 40.241 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleId :

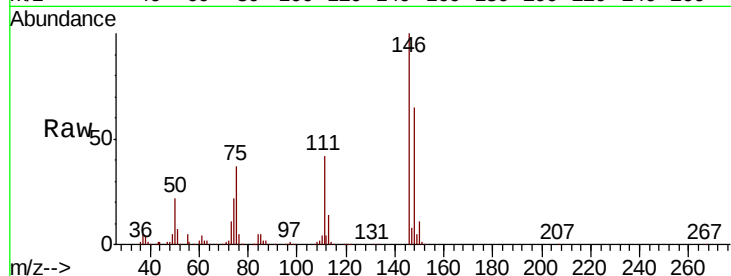
Tot Ion:146 Resp: 238012

Ion Ratio Lower Upper

146 100

148 65.1 52.2 78.4

111 41.6 32.6 49.0

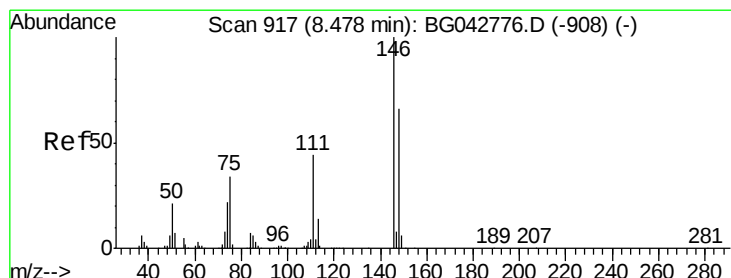
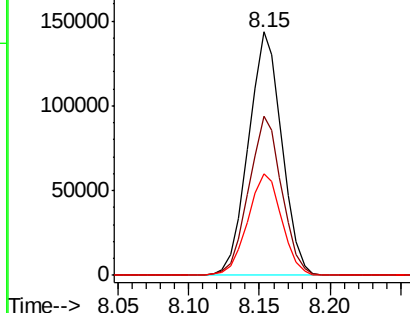
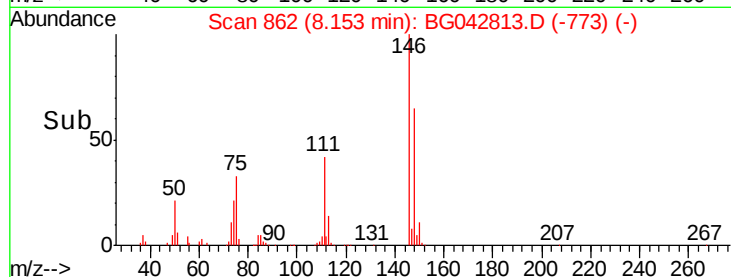


Abundance

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: 39.244 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

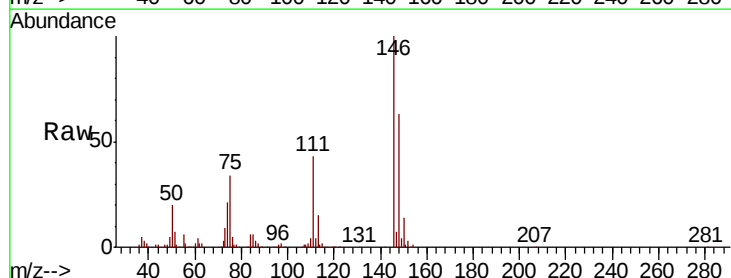
Tgt Ion:146 Resp: 220951

Ion Ratio Lower Upper

146 100

148 63.0 52.6 78.8

111 42.8 35.3 52.9

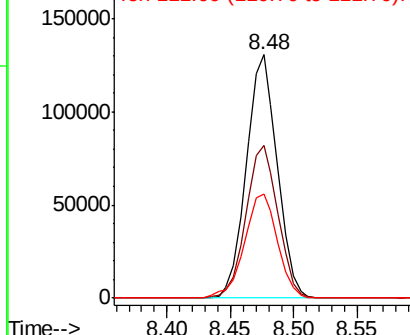
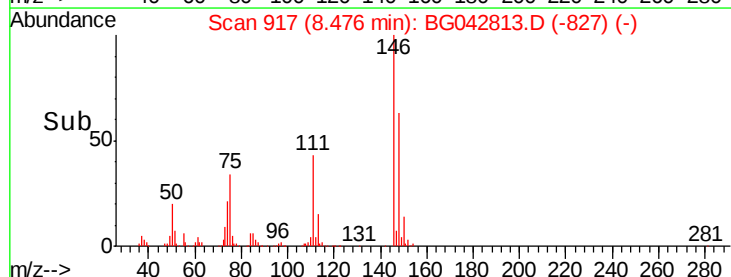


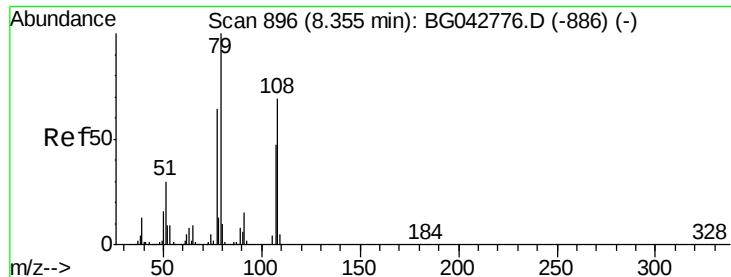
Abundance

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: 42.786 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleId :

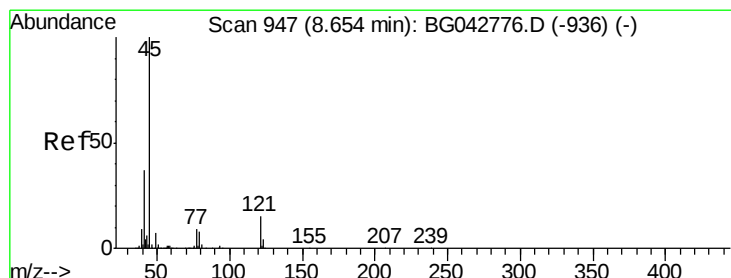
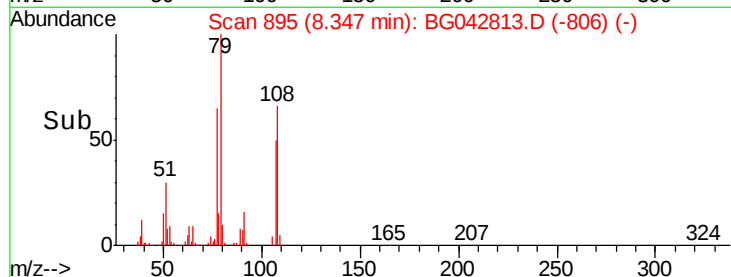
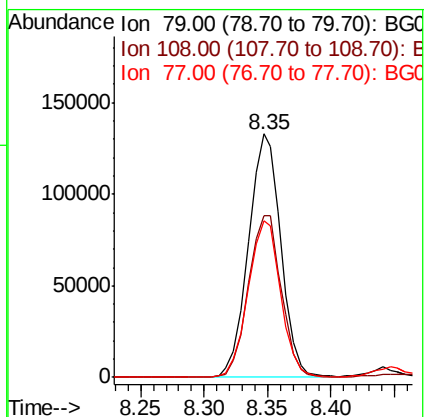
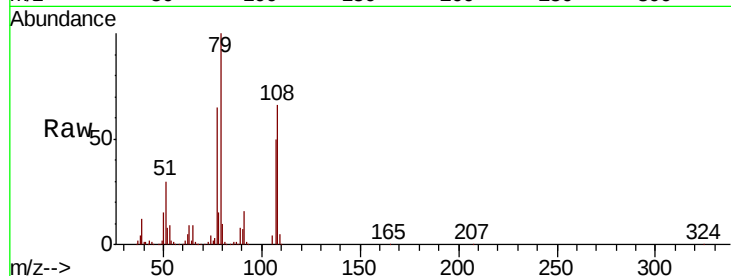
Tot Ion: 79 Resp: 236158

Ion Ratio Lower Upper

79 100

108 66.3 54.9 82.3

77 64.5 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.345 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

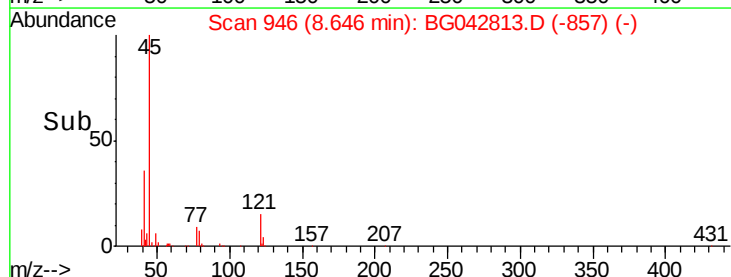
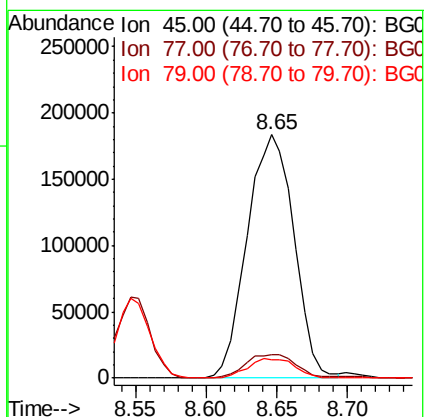
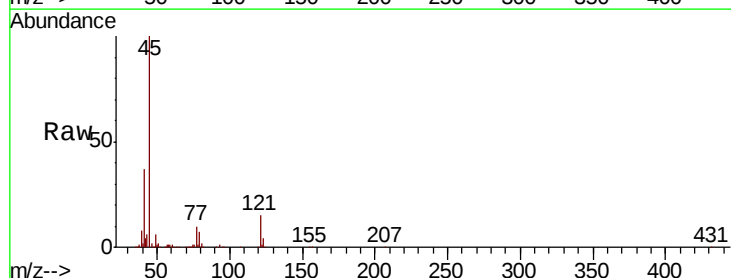
Tgt Ion: 45 Resp: 426253

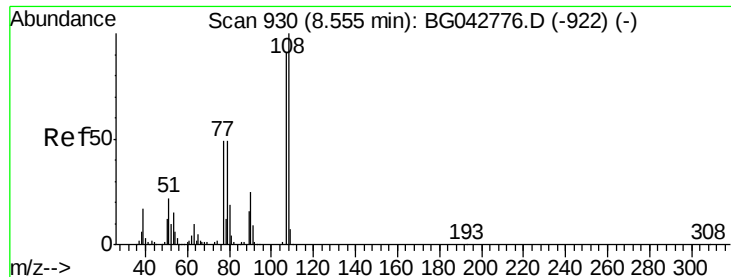
Ion Ratio Lower Upper

45 100

77 9.7 0.0 29.4

79 7.4 0.0 28.4





#17

2-Methylphenol

Concen: 44.716 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 197317

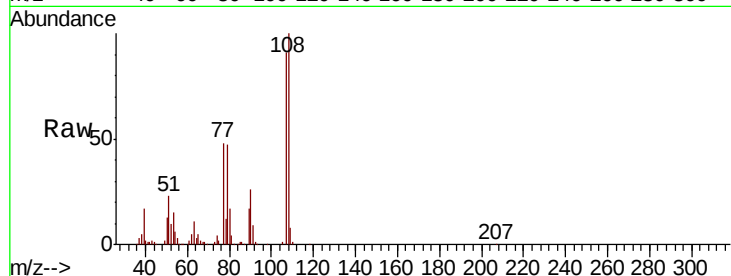
Ion Ratio Lower Upper

107 100

108 110.4 87.7 131.5

77 52.7 42.6 64.0

79 52.0 43.4 65.2

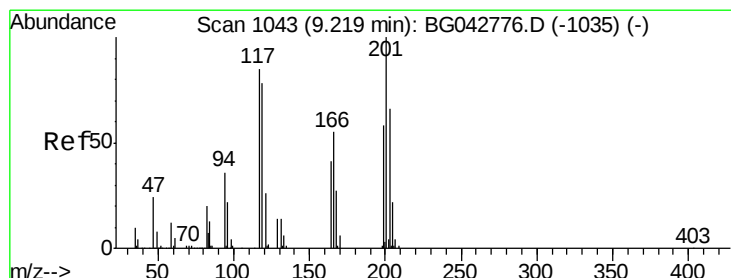
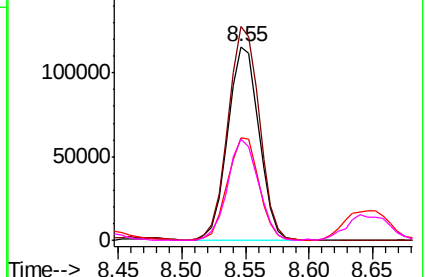
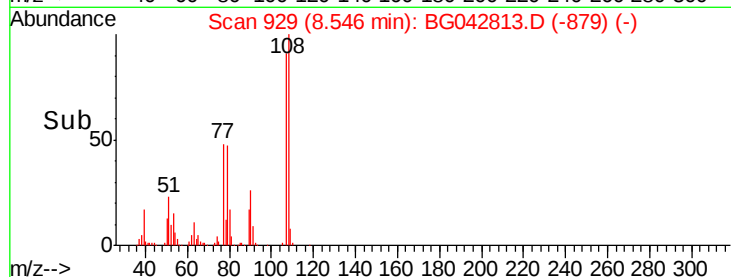


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.391 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

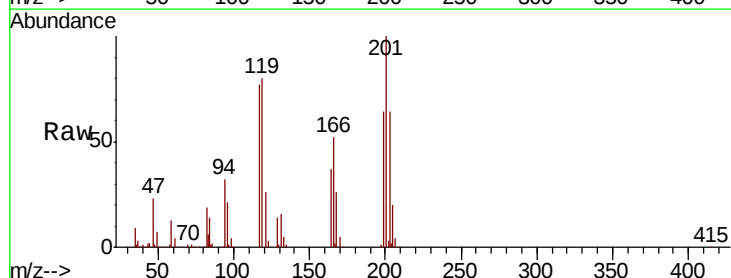
Tgt Ion:117 Resp: 83833

Ion Ratio Lower Upper

117 100

119 103.2 73.8 110.8

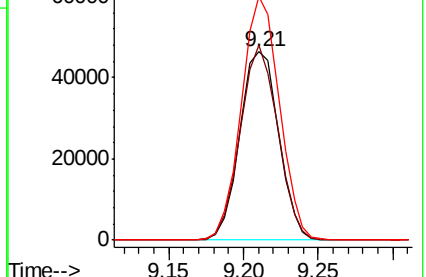
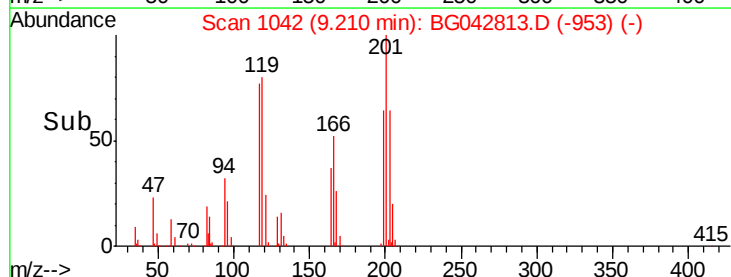
201 129.2 94.6 142.0

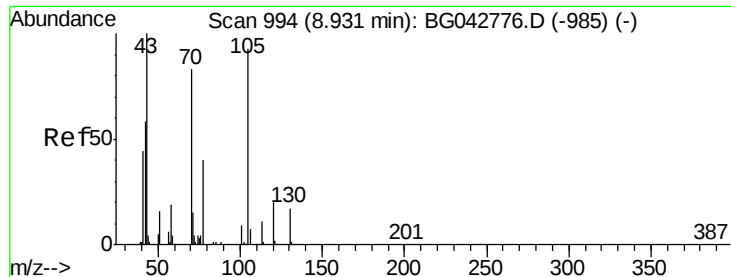


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

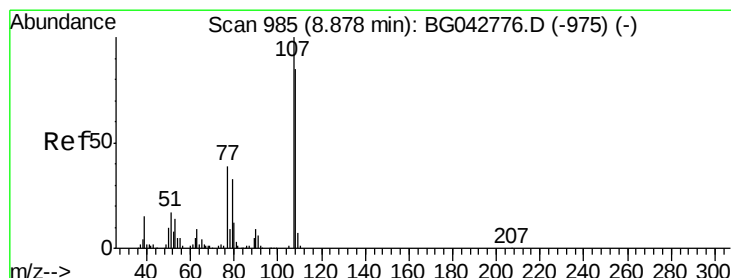
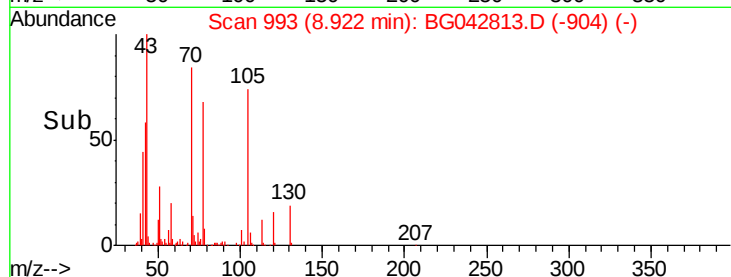
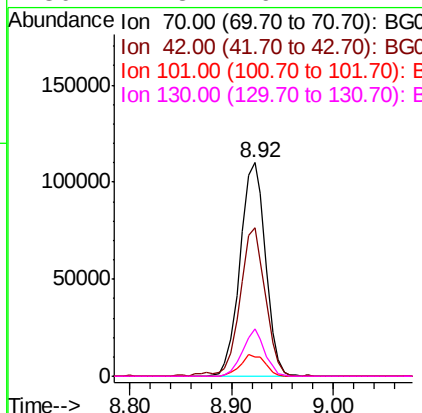
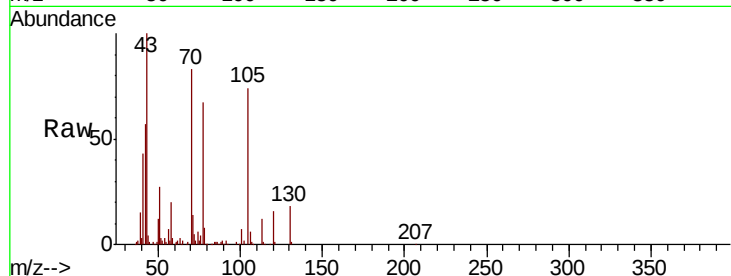




#19
n-Nitroso-di-n-propylamine
Concen: 40.286 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

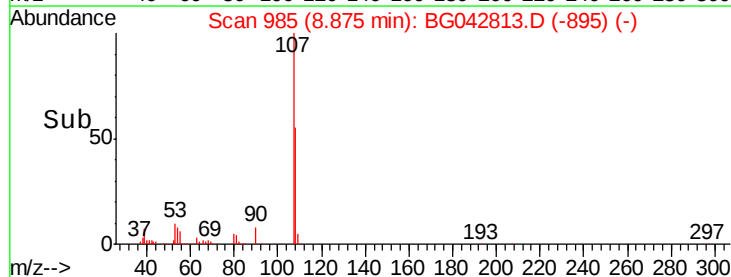
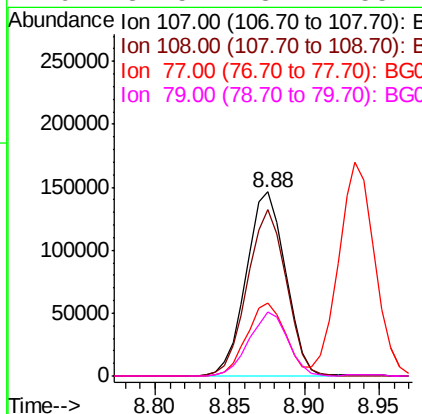
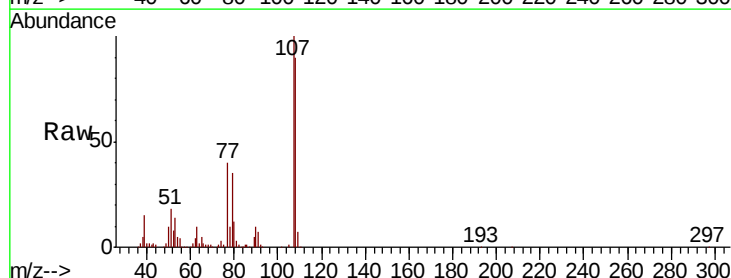
Instrument :
BNA_G
ClientSampleId :

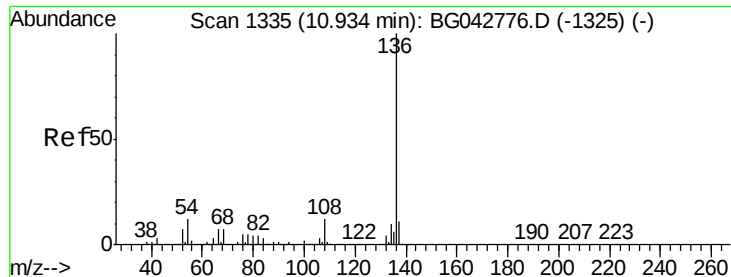
Tot Ion:	70	Resp:	190924
Ion	Ratio	Lower	Upper
70	100		
42	69.2	57.0	85.6
101	8.7	8.4	12.6
130	22.3	16.1	24.1



#20
3+4-Methylphenols
Concen: 43.978 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion:	107	Resp:	267509
Ion	Ratio	Lower	Upper
107	100		
108	90.3	65.4	105.4
77	39.9	18.7	58.7
79	34.5	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 310451

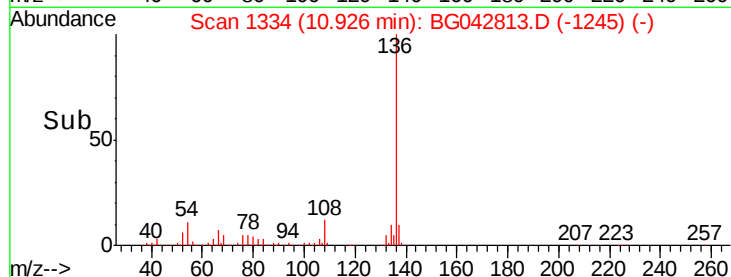
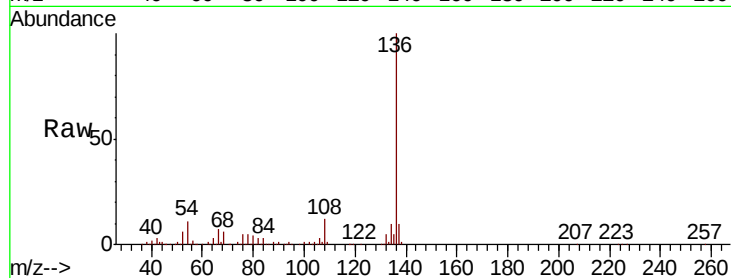
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.6

54 10.7 9.4 14.0

68 5.6 5.4 8.2

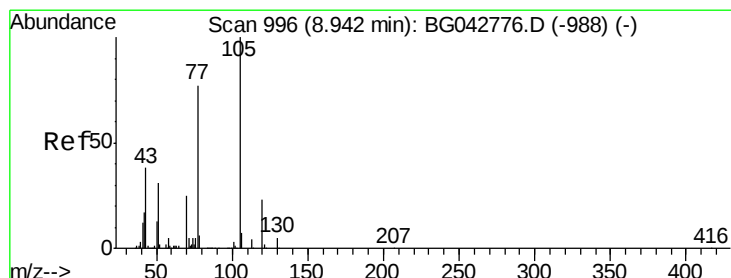
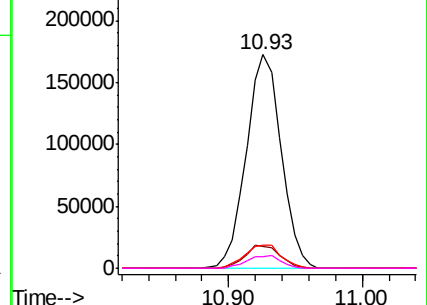


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 42.101 ng

RT: 8.93 min Scan# 995

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Tgt Ion:105 Resp: 330093

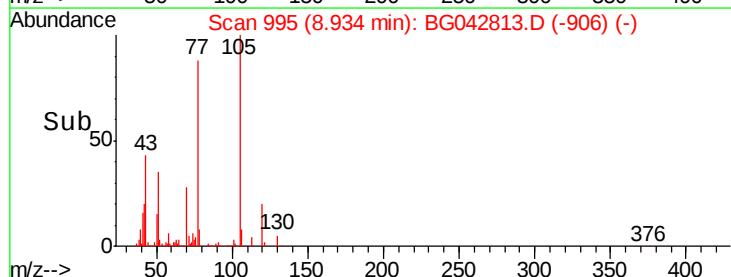
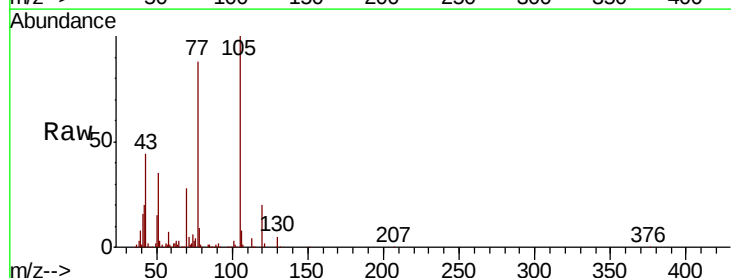
Ion Ratio Lower Upper

105 100

71 4.7 3.7 5.5

51 35.3 28.8 43.2

120 19.8 18.5 27.7

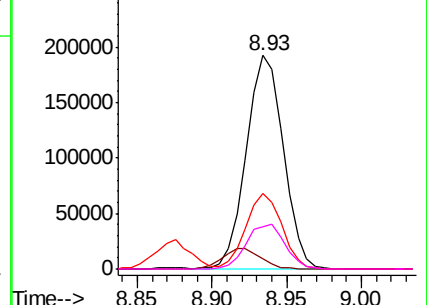


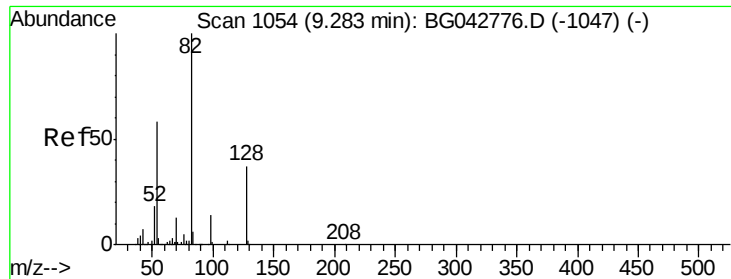
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

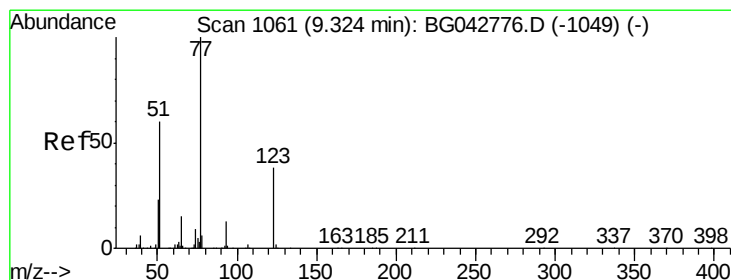
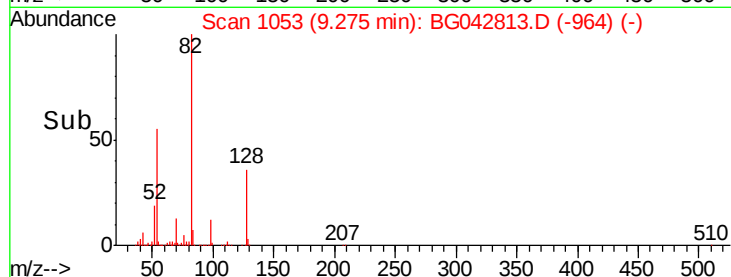
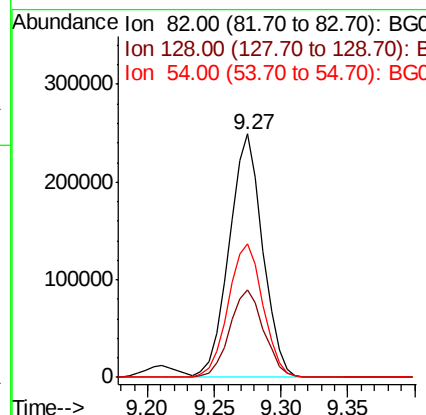
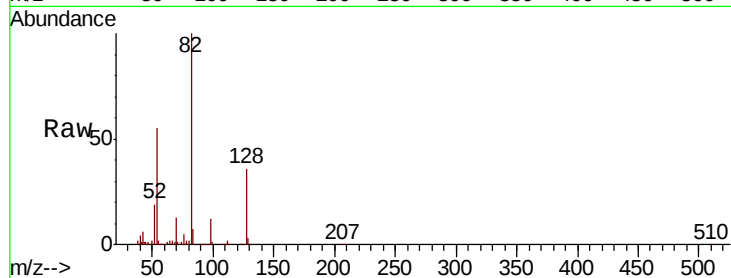




#23
 Nitrobenzene-d5
 Concen: 73.110 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

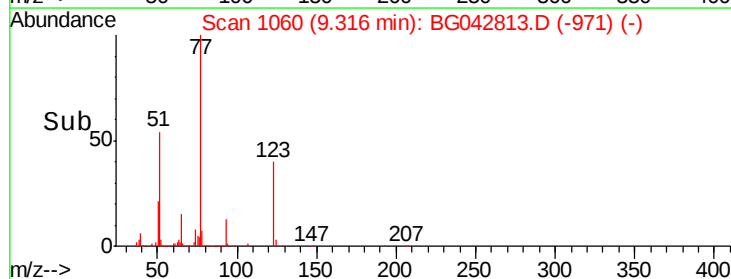
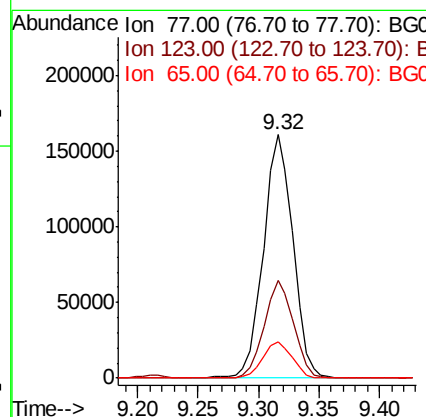
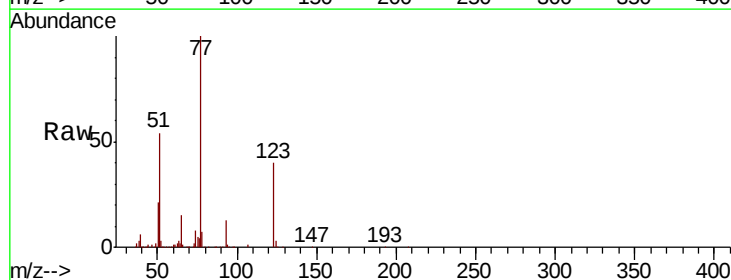
Instrument :
 BNA_G
 ClientSampleId :

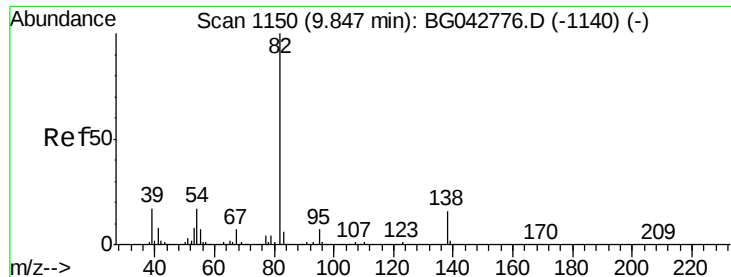
Tot Ion	82	Resp	435958
Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.8	44.8
54	55.0	46.1	69.1



#24
 Nitrobenzene
 Concen: 43.404 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Tgt Ion	77	Resp	271669
Ion	Ratio	Lower	Upper
77	100		
123	40.3	30.7	46.1
65	14.9	12.2	18.4





#25

Isophorone

Concen: 41.754 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleId :

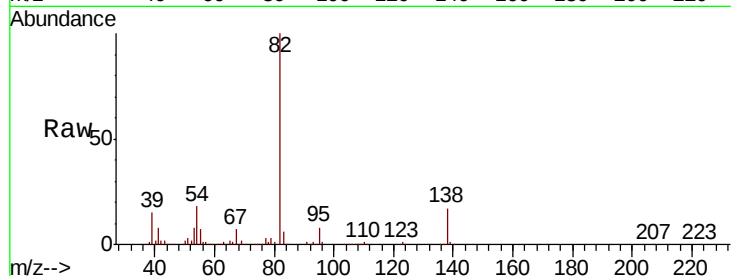
Tot Ion: 82 Resp: 518983

Ion Ratio Lower Upper

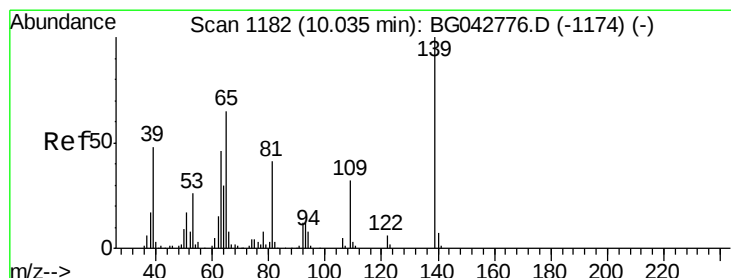
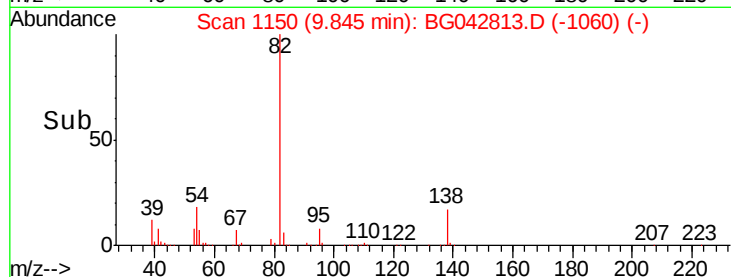
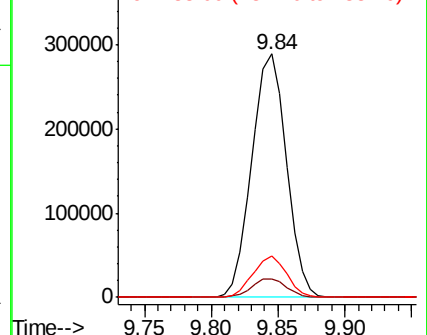
82 100

95 7.6 5.8 8.8

138 17.2 12.9 19.3



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: 46.665 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

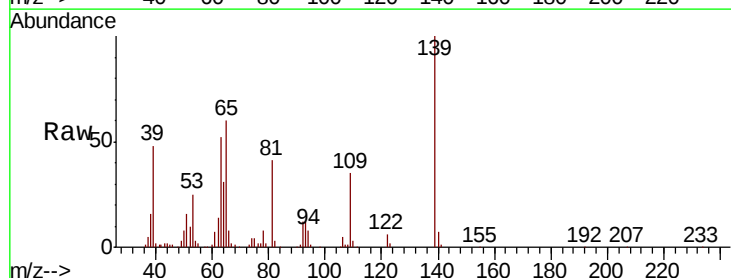
Tgt Ion: 139 Resp: 114855

Ion Ratio Lower Upper

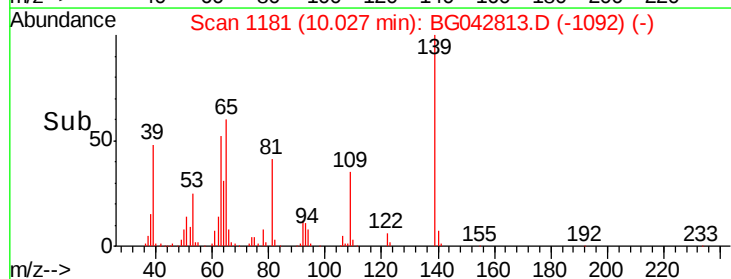
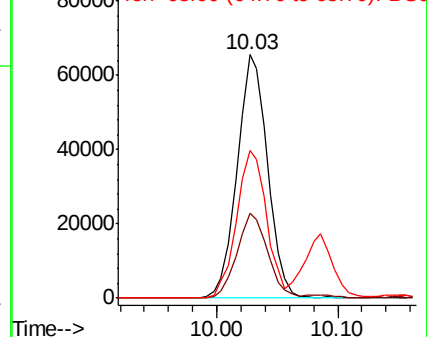
139 100

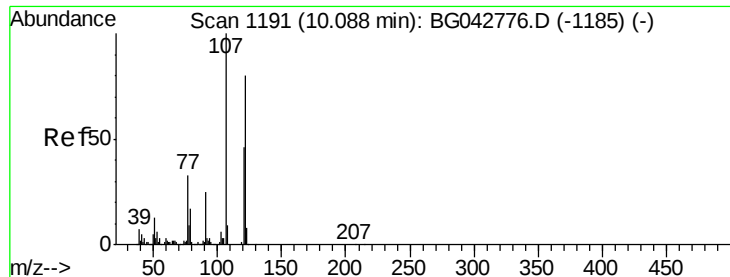
109 34.9 25.8 38.8

65 60.5 52.2 78.2



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: 49.604 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleId :

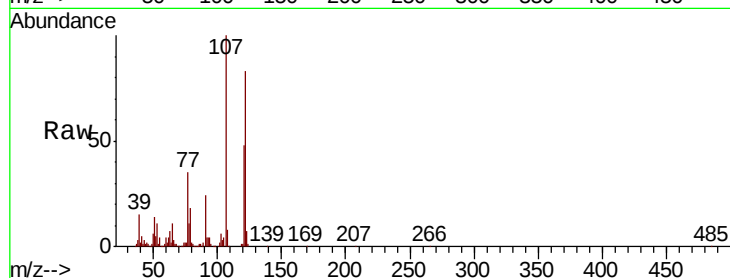
Tot Ion:122 Resp: 215962

Ion Ratio Lower Upper

122 100

107 121.1 98.9 148.3

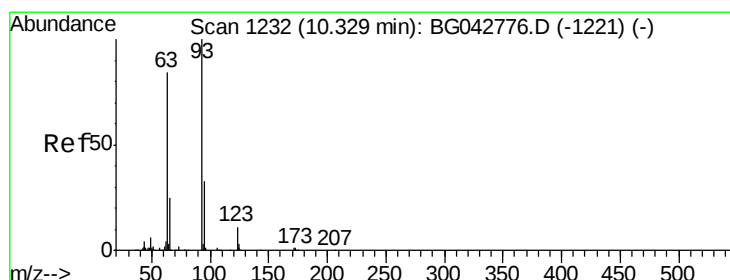
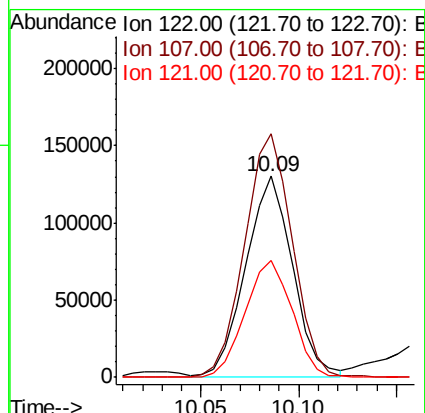
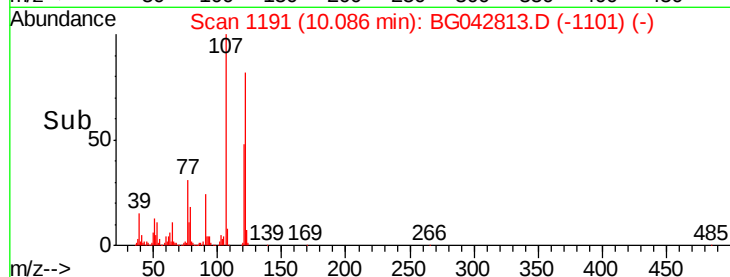
121 58.3 46.2 69.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.079 ng

RT: 10.32 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

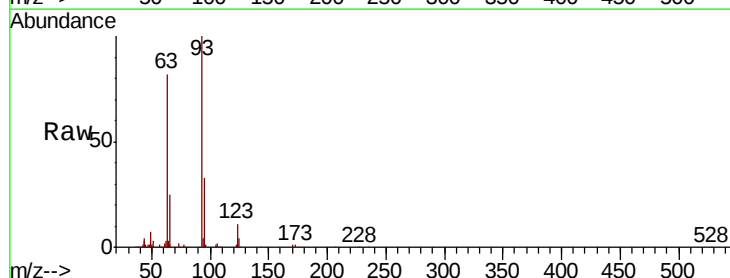
Tgt Ion: 93 Resp: 284741

Ion Ratio Lower Upper

93 100

95 33.0 26.6 40.0

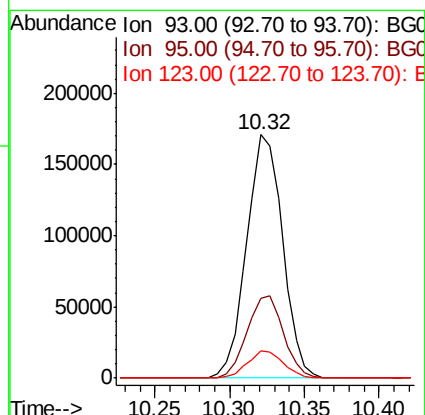
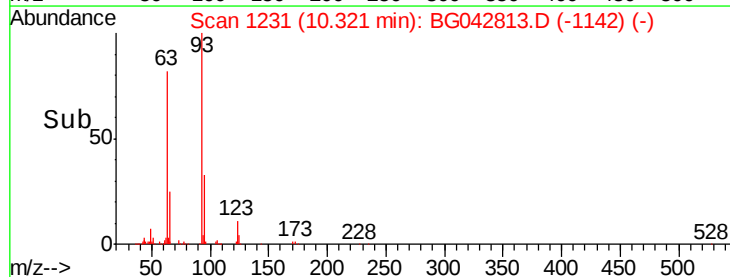
123 11.1 9.0 13.6

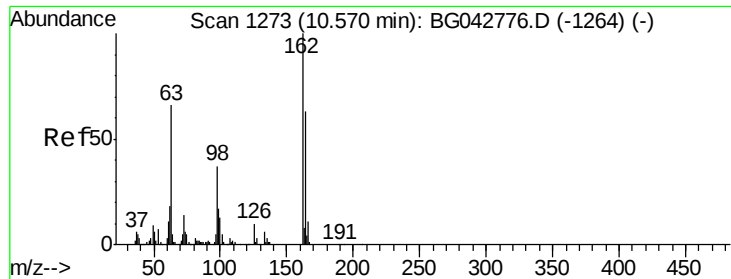


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

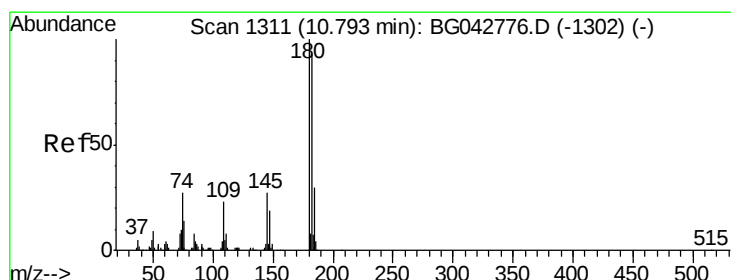
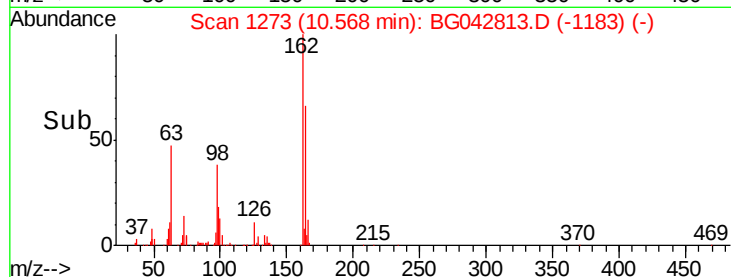
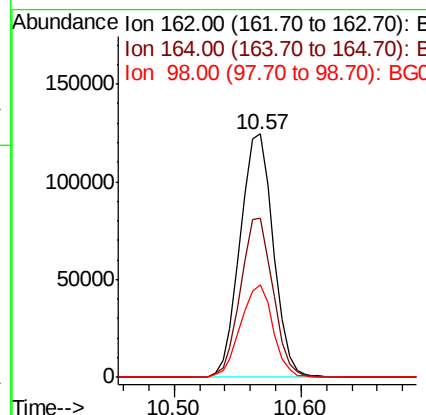
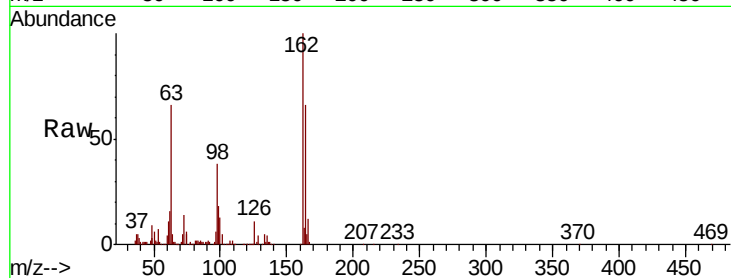




#29
 2,4-Dichlorophenol
 Concen: 44.717 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

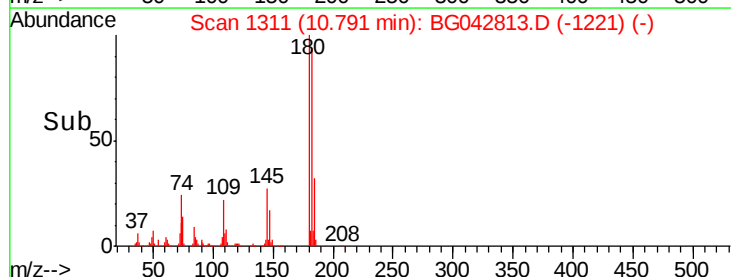
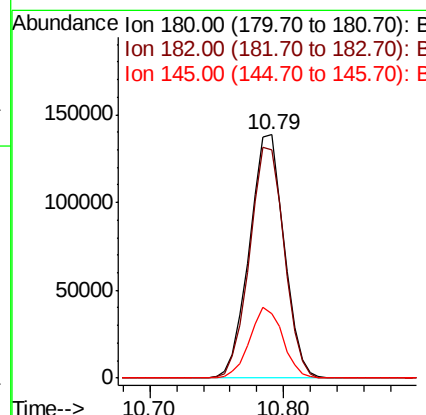
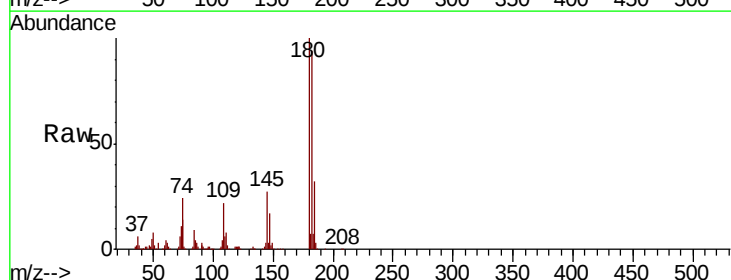
Instrument :
 BNA_G
 ClientSampleId :

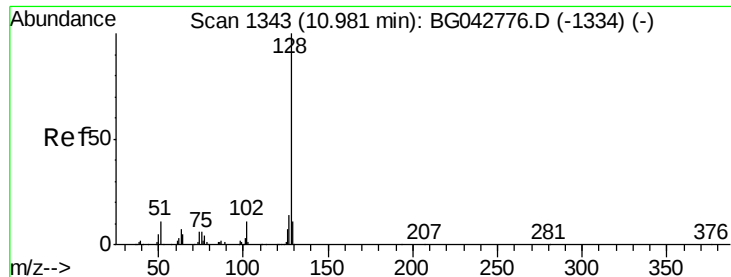
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.4	83.4
98	38.0	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.128 ng
 RT: 10.79 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	74.6	112.0
145	26.6	21.8	32.6

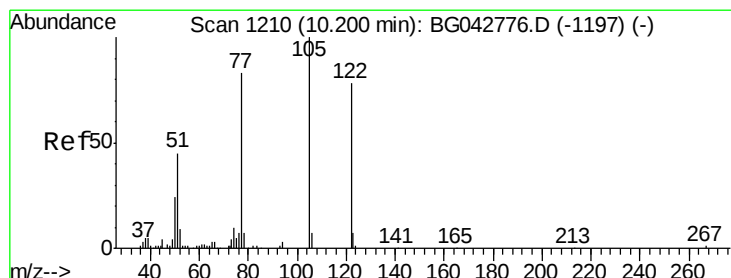
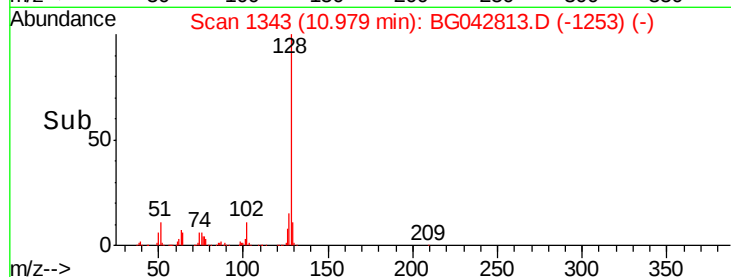
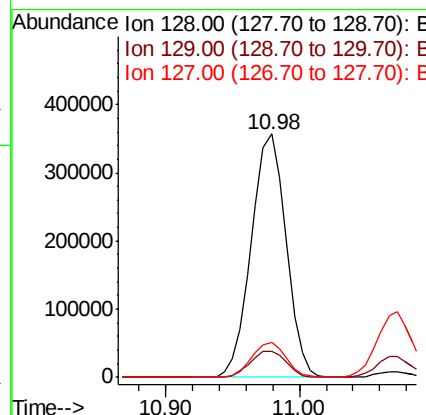
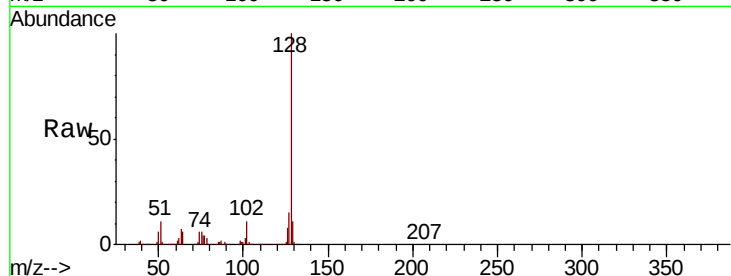




#31
Naphthalene
Concen: 41.882 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

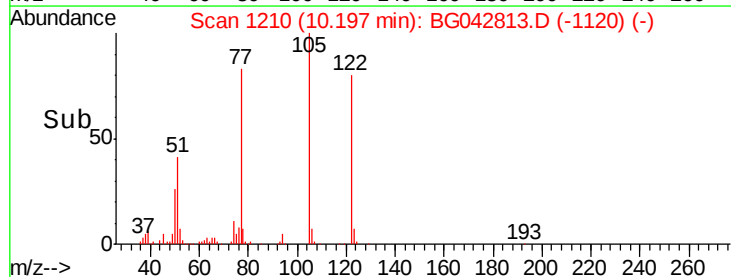
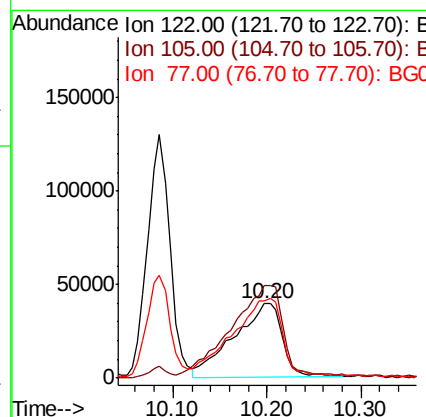
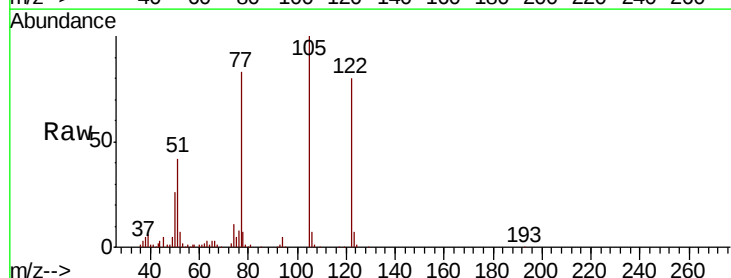
Instrument :
BNA_G
ClientSampleId :

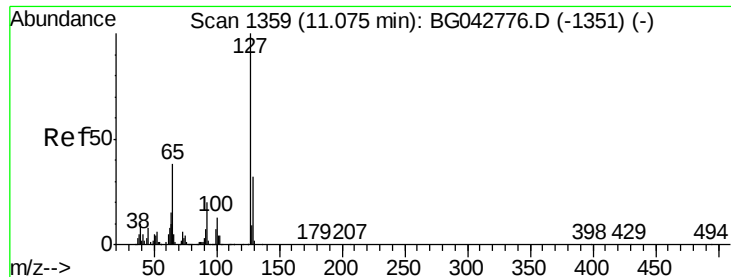
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	14.6	11.4	17.2



#32
Benzoic acid
Concen: 40.696 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.8	104.0	144.0
77	103.4	84.2	124.2

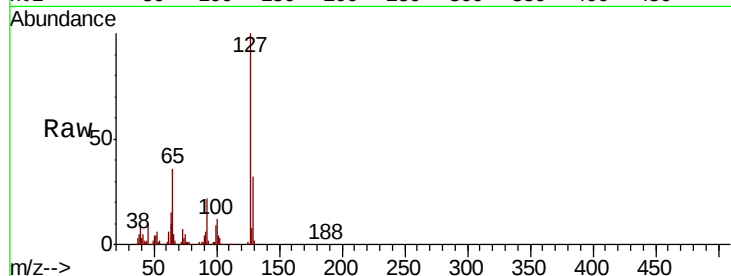




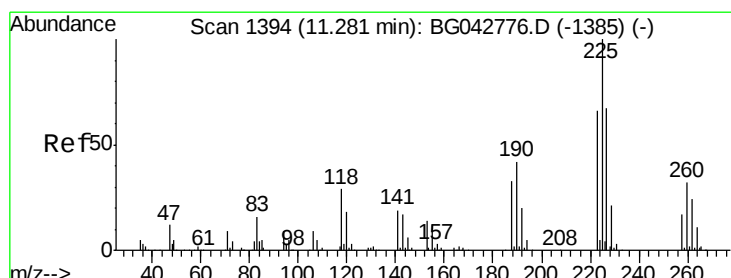
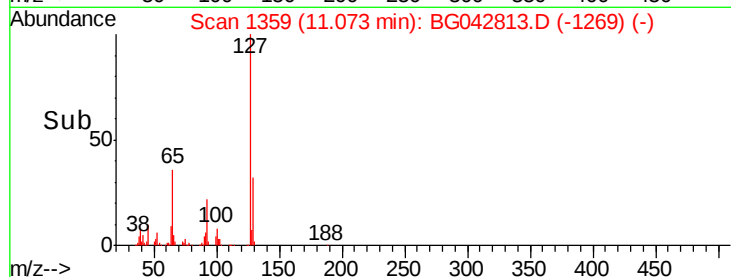
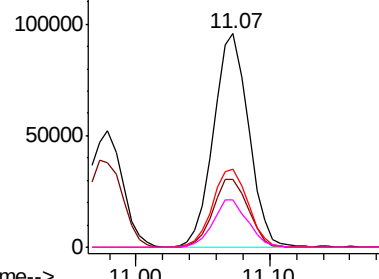
#33
4-Chloroaniline
Concen: 24.316 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	174208
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.6
65	36.5	30.5	45.7
92	22.1	15.9	23.9

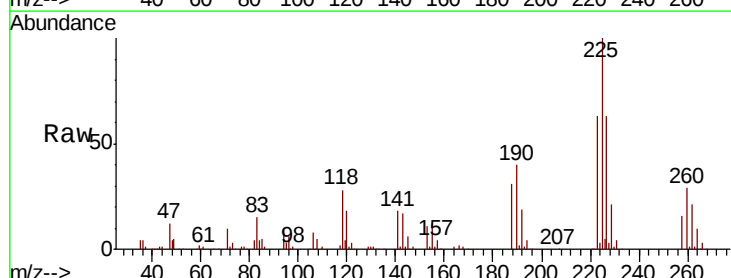


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

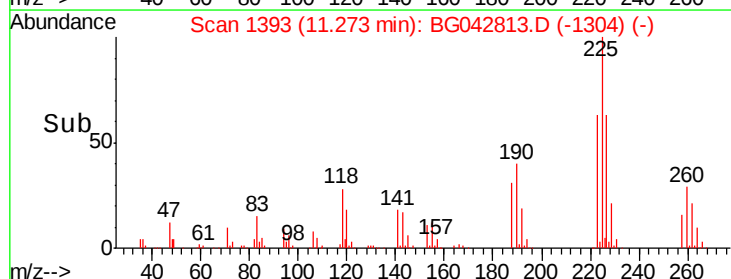
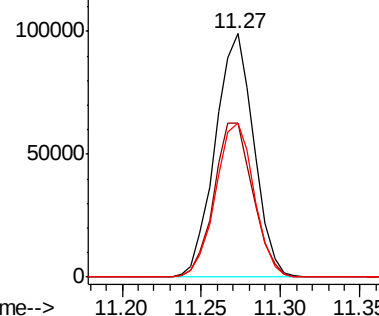


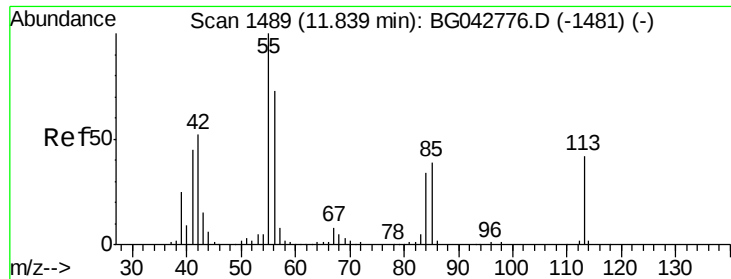
#34
Hexachlorobutadiene
Concen: 38.566 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion:	225	Resp:	166906
Ion	Ratio	Lower	Upper
225	100		
223	63.2	52.6	79.0
227	63.1	53.6	80.4



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

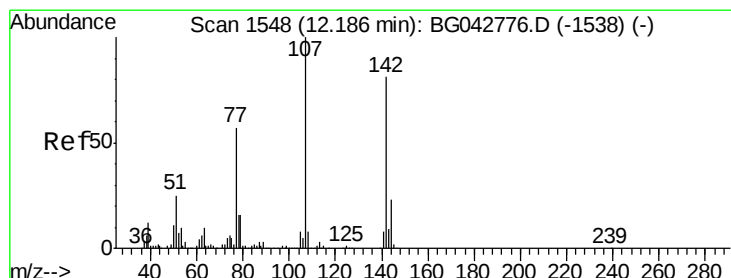
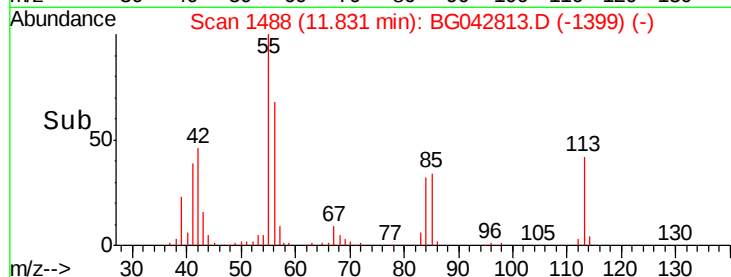
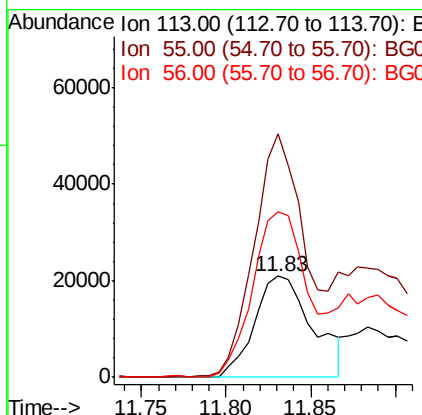
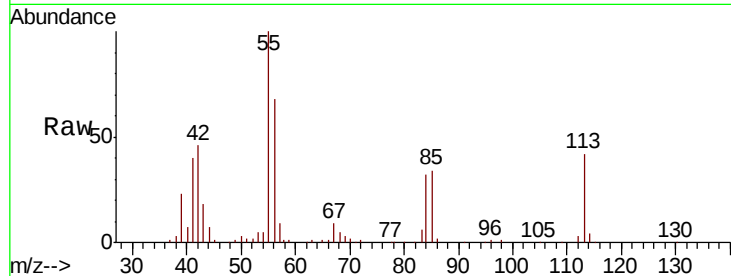




#35
 Caprolactam
 Concen: 26.575 ng
 RT: 11.83 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

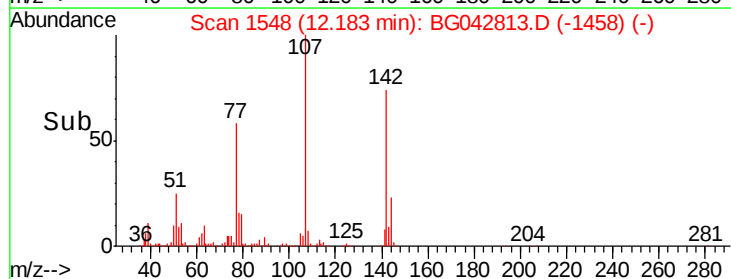
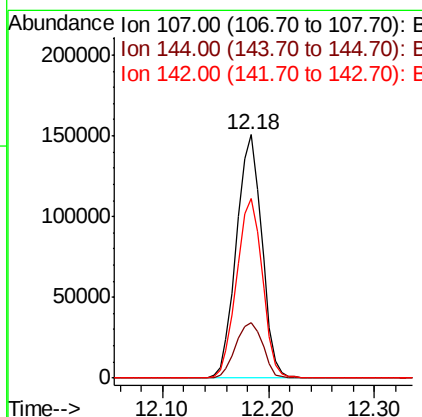
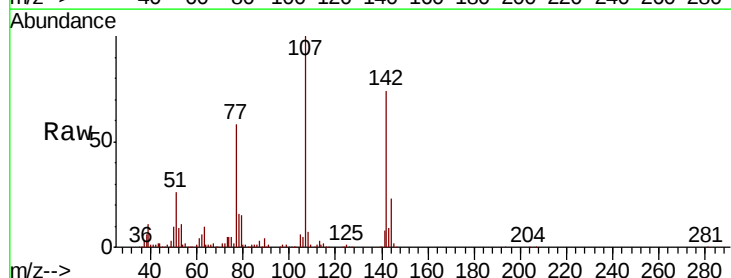
Instrument :
 BNA_G
 ClientSampleId :

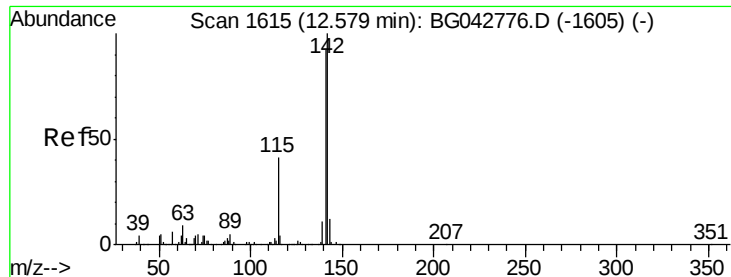
Tot Ion:113 Resp: 49998
 Ion Ratio Lower Upper
 113 100
 55 240.4 218.4 258.4
 56 163.0 154.8 194.8



#36
 4-Chloro-3-methylphenol
 Concen: 45.700 ng
 RT: 12.18 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Tgt Ion:107 Resp: 251041
 Ion Ratio Lower Upper
 107 100
 144 23.0 18.7 28.1
 142 74.0 65.0 97.4

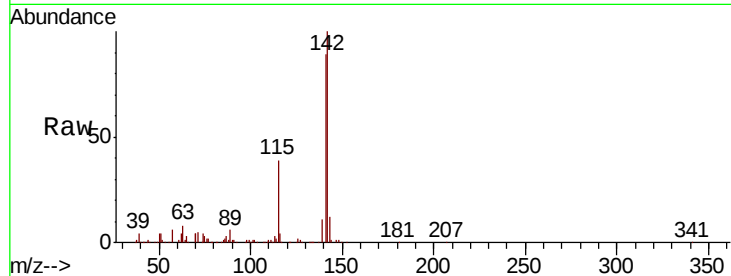




#37
2-Methylnaphthalene
Concen: 42.486 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	73.8	110.8
115	38.8	33.0	49.4

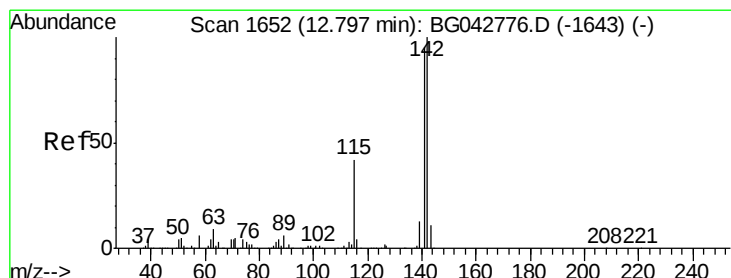
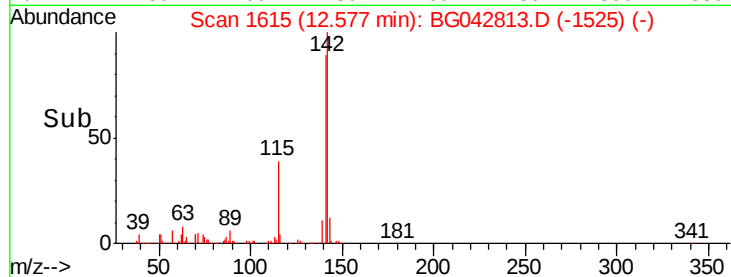
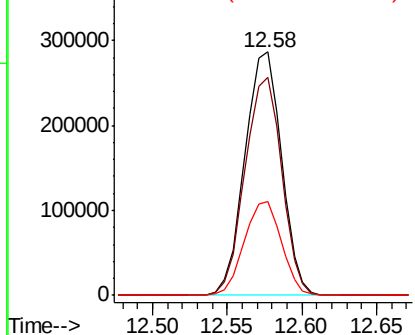


Abundance

Ion 142.00 (141.70 to 142.70): E

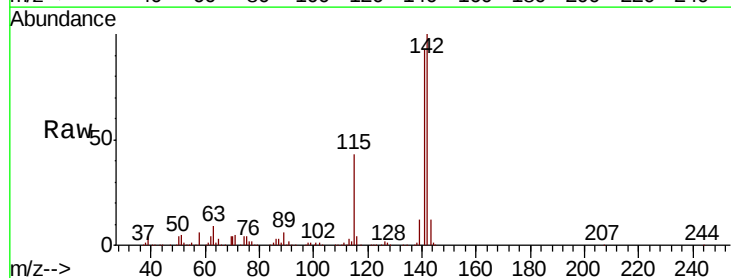
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.787 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	76.3	114.5
116	4.2	3.4	5.0

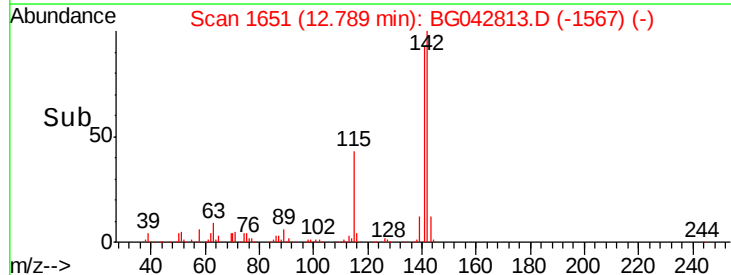
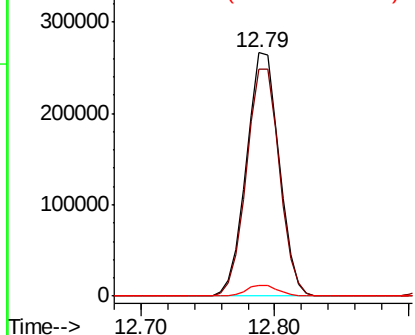


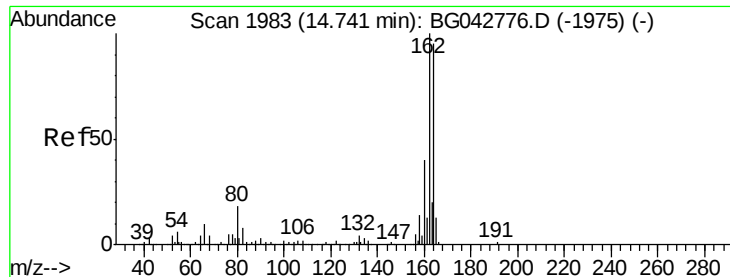
Abundance

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: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleId :

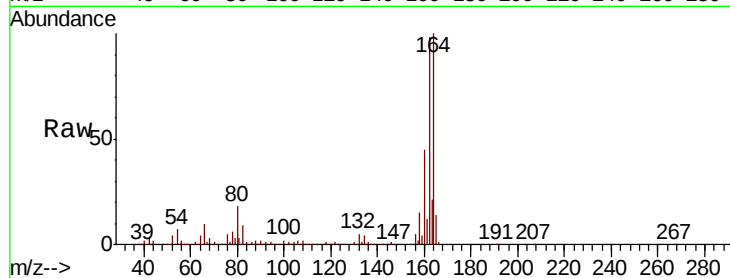
Tot Ion:164 Resp: 214451

Ion Ratio Lower Upper

164 100

162 98.0 84.6 126.8

160 44.8 34.2 51.2

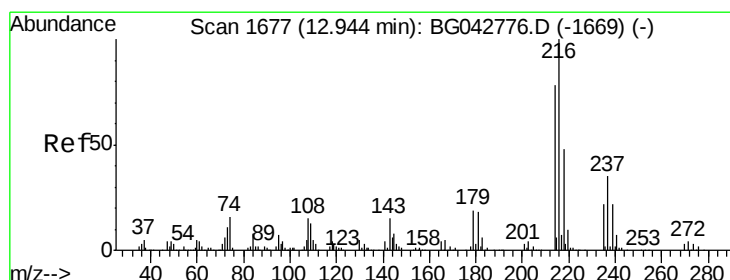
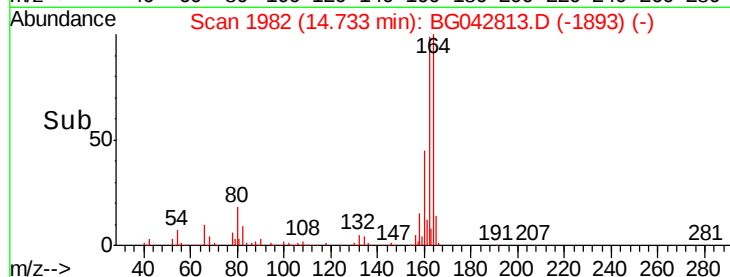
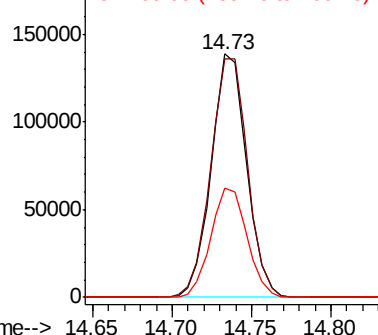


Abundance

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: 41.871 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Tgt Ion:216 Resp: 296715

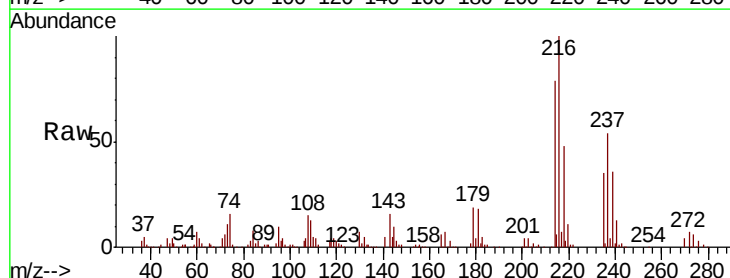
Ion Ratio Lower Upper

216 100

214 78.7 62.8 94.2

179 19.1 15.3 22.9

108 17.8 12.9 19.3



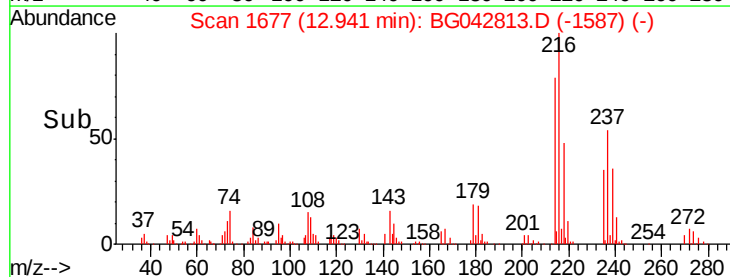
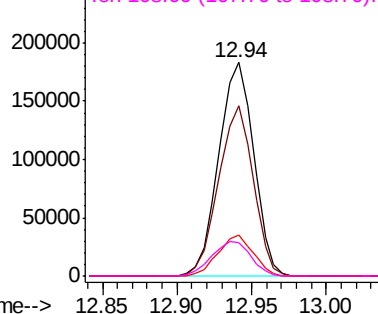
Abundance

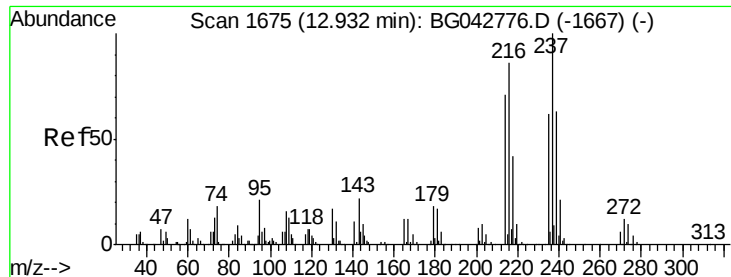
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 97.364 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleId :

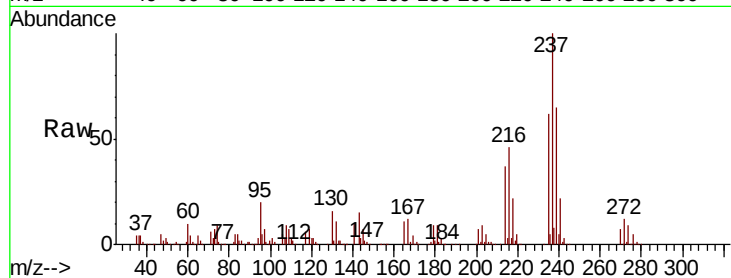
Tot Ion:237 Resp: 395260

Ion Ratio Lower Upper

237 100

235 61.6 41.9 81.9

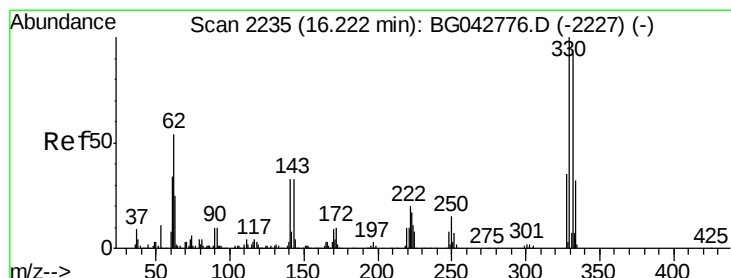
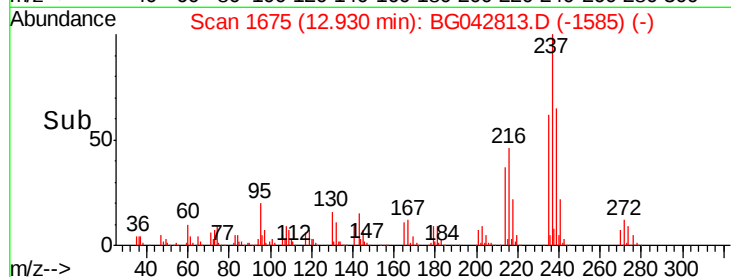
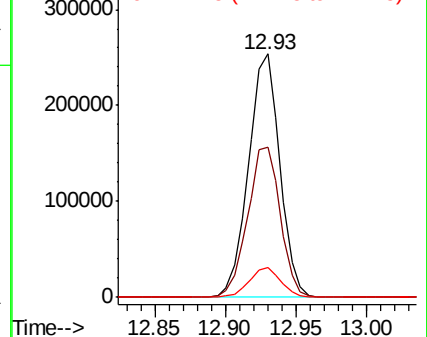
272 12.3 0.0 31.6



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: 111.340 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

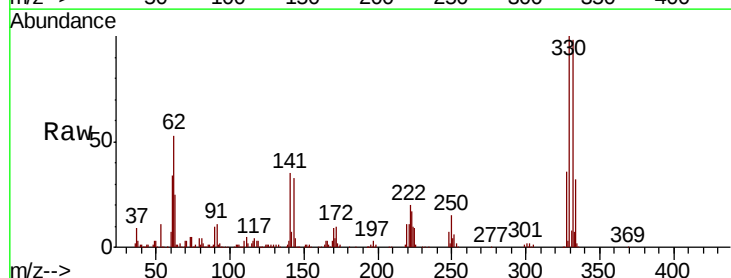
Tgt Ion:330 Resp: 317664

Ion Ratio Lower Upper

330 100

332 95.4 76.7 115.1

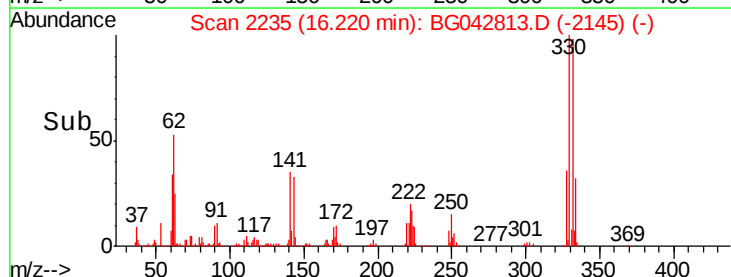
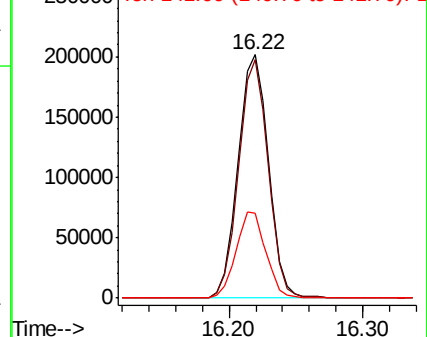
141 34.8 27.0 40.6

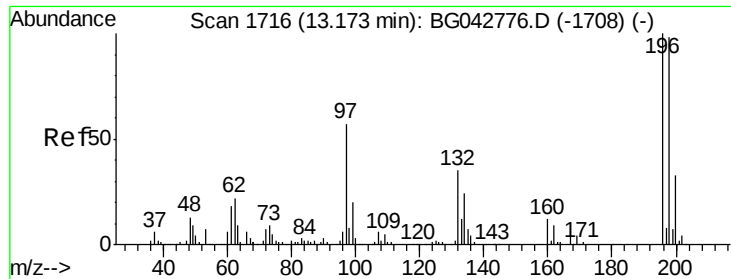


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

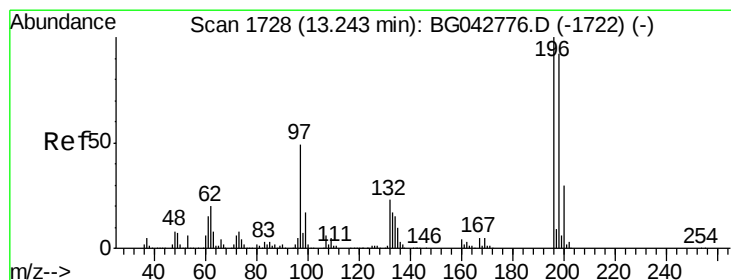
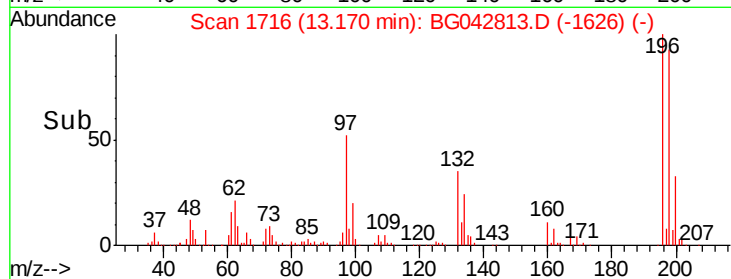
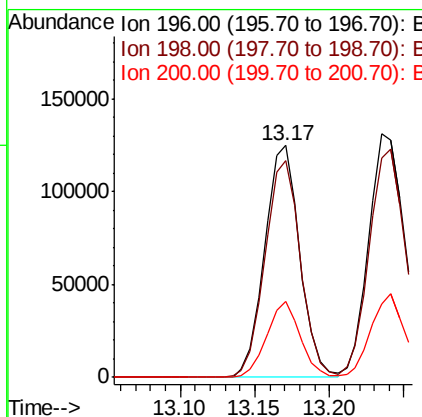
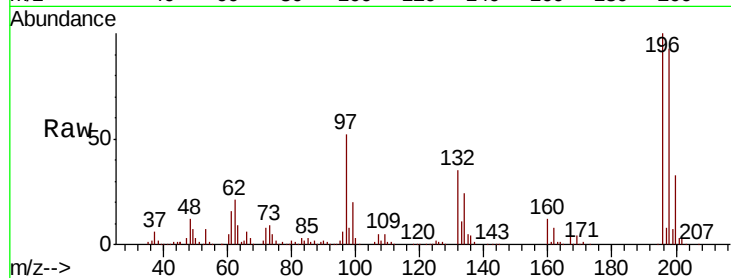




#43
 2,4,6-Trichlorophenol
 Concen: 43.011 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

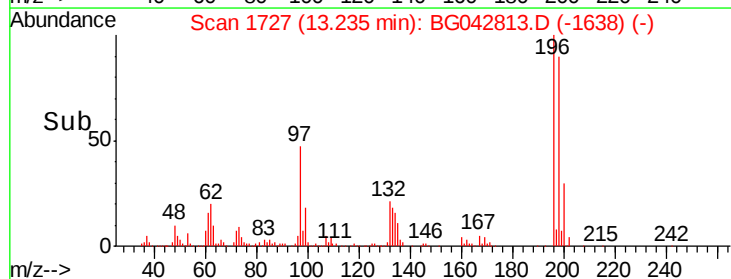
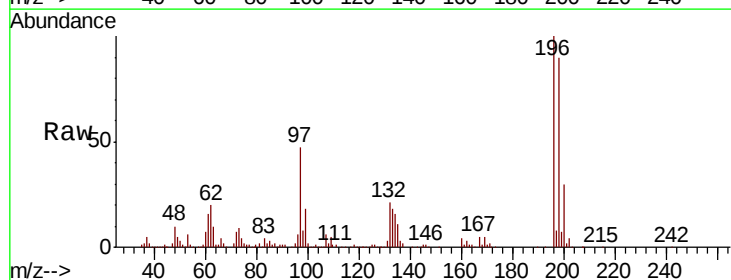
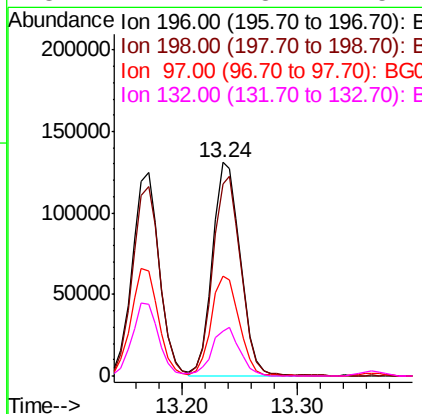
Instrument :
 BNA_G
 ClientSampleId :

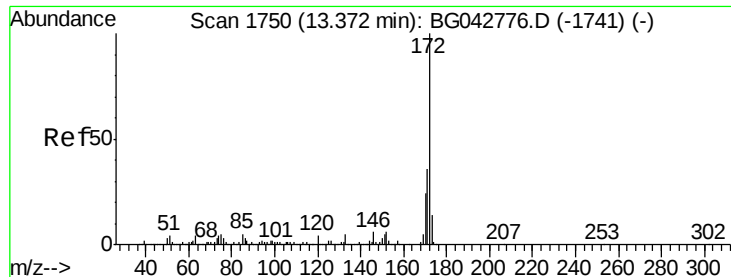
Tot Ion	196	Resp	202920
Ion Ratio	Lower	Upper	
196	100		
198	93.4	78.8	118.2
200	32.7	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 45.223 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Tgt Ion	196	Resp	218537
Ion Ratio	Lower	Upper	
196	100		
198	90.1	73.4	110.0
97	46.7	39.2	58.8
132	21.1	18.7	28.1

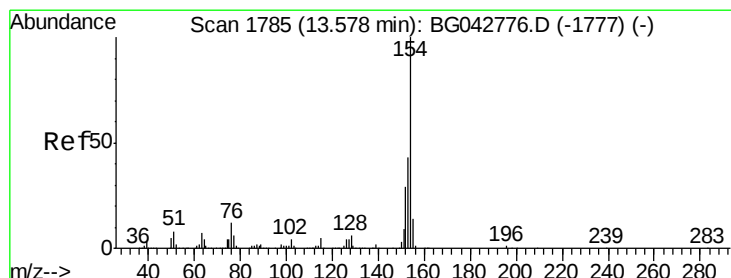
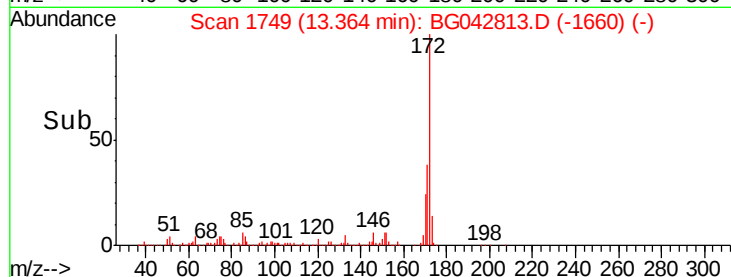
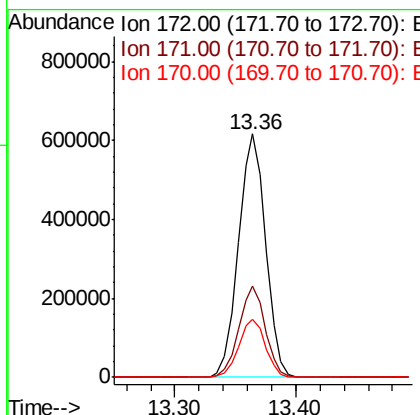
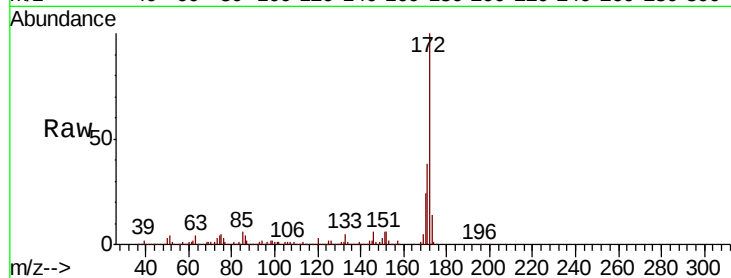




#45
 2-Fluorobiphenyl
 Concen: 71.204 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

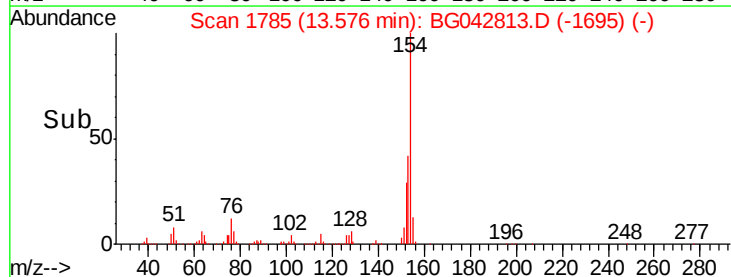
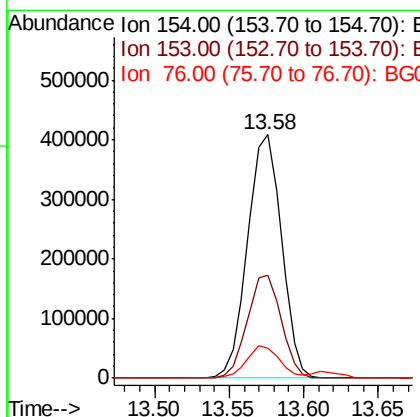
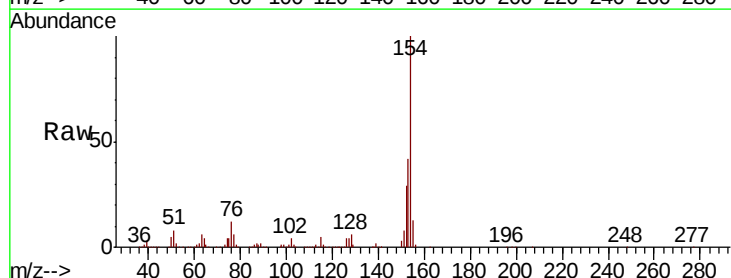
Instrument :
 BNA_G
 ClientSampleId :

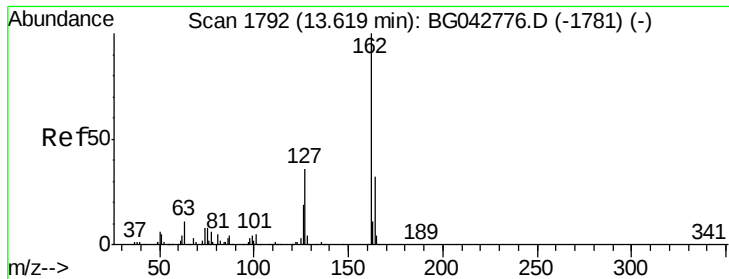
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.9	43.3
170	24.0	19.1	28.7



#46
 1,1'-Biphenyl
 Concen: 42.726 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.6	62.6
76	12.2	0.0	32.2

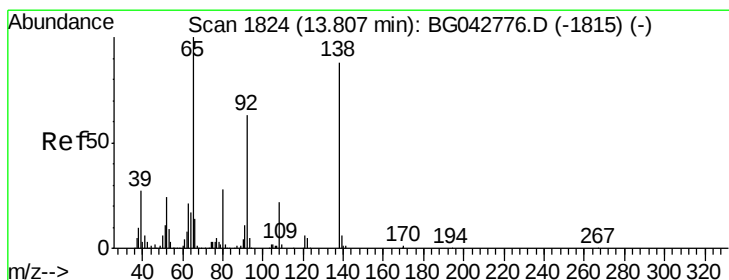
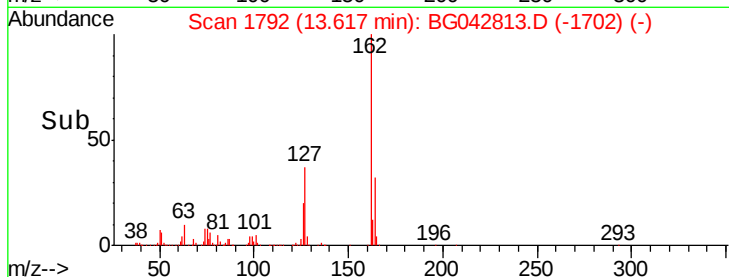
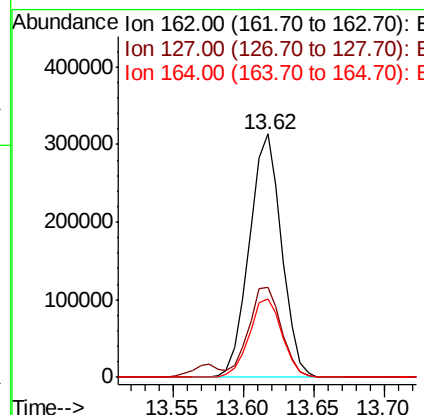
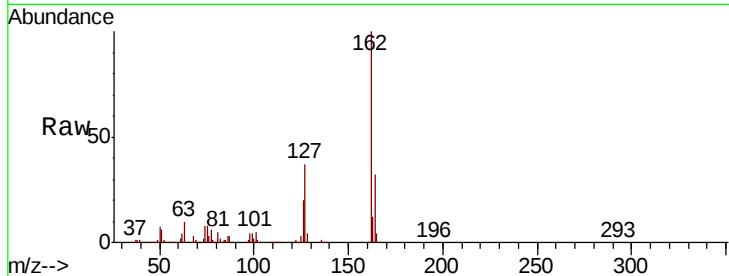




#47
 2-Chloronaphthalene
 Concen: 40.435 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

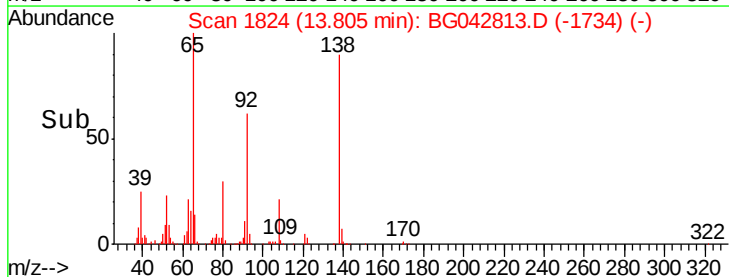
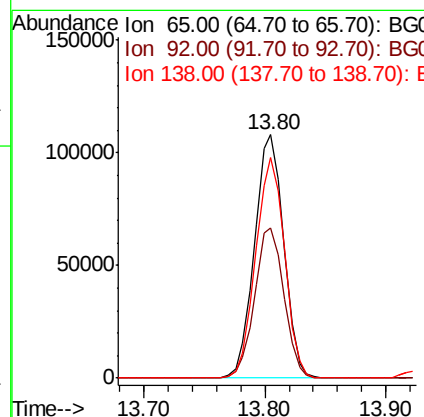
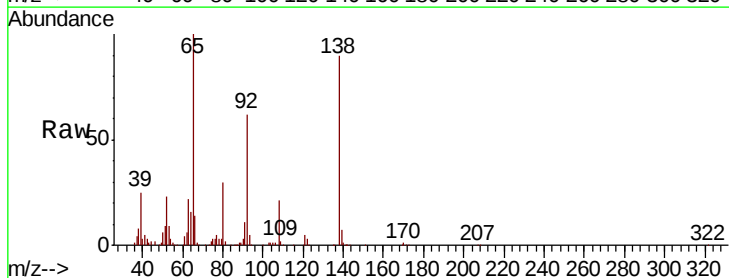
Instrument :
 BNA_G
 ClientSampleId :

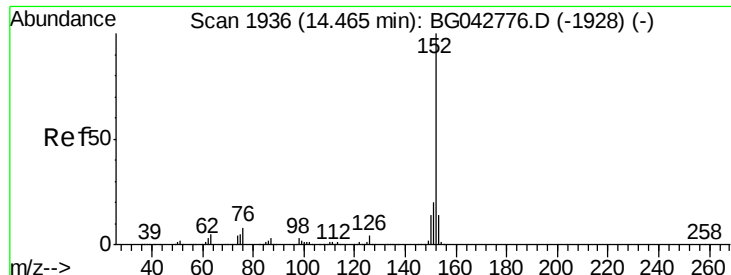
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	29.3	43.9
164	32.5	26.0	39.0



#48
 2-Nitroaniline
 Concen: 42.290 ng
 RT: 13.80 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.8	50.4	75.6
138	90.4	70.6	106.0





#49

Acenaphthylene

Concen: 42.599 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleId :

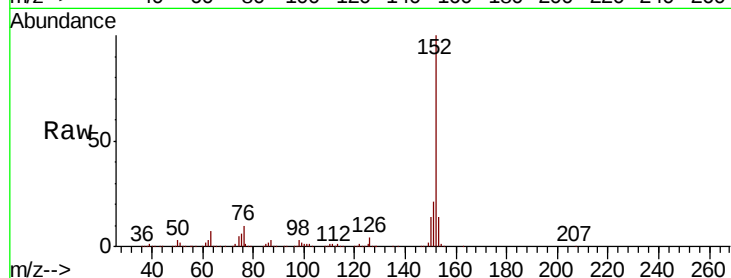
Tot Ion:152 Resp: 808461

Ion Ratio Lower Upper

152 100

151 21.3 16.0 24.0

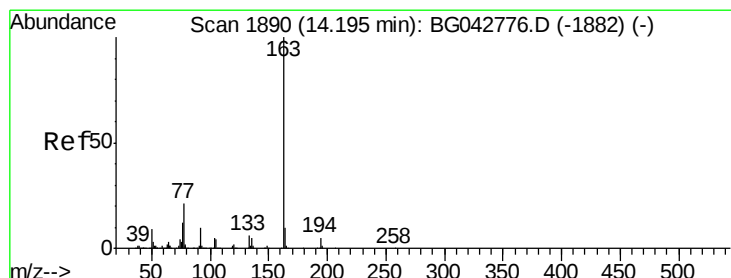
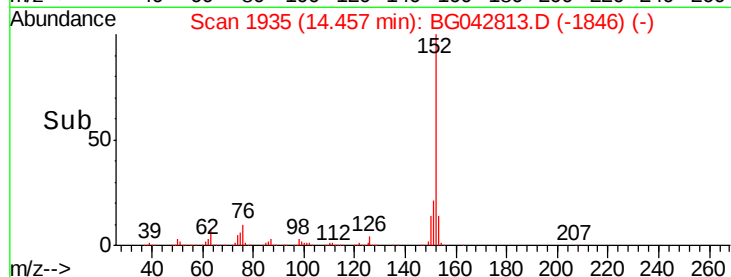
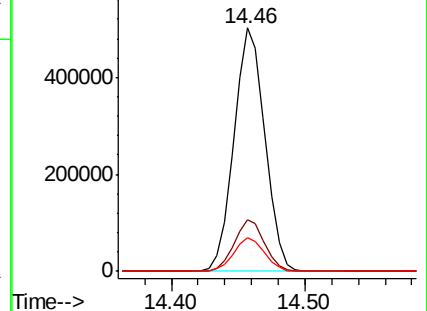
153 13.8 11.4 17.0



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: 40.073 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

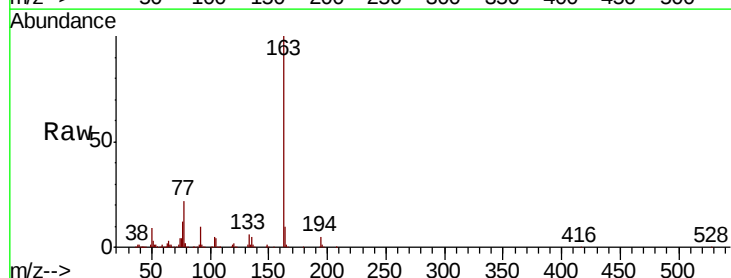
Tgt Ion:163 Resp: 643781

Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.4

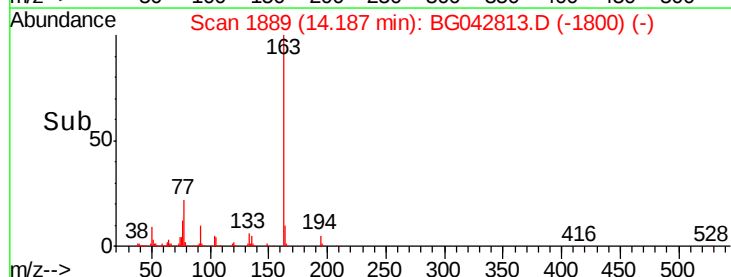
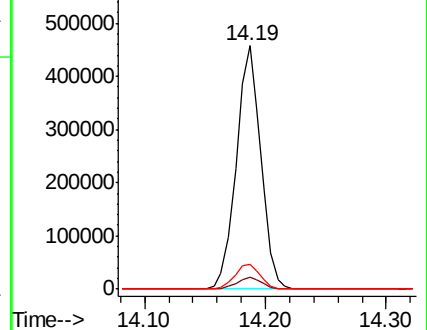
164 10.0 8.4 12.6

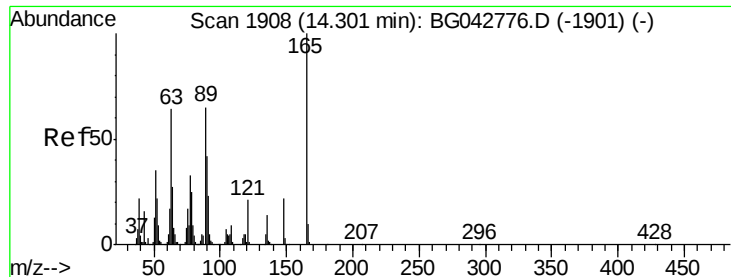


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.182 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleId :

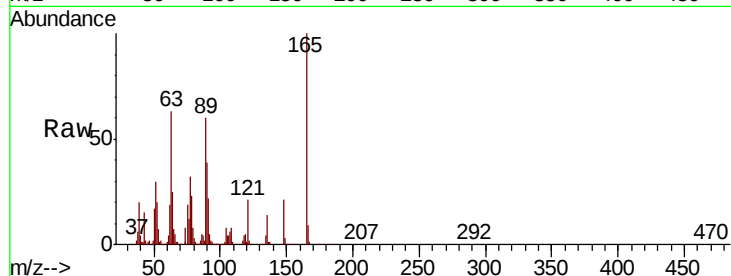
Tot Ion:165 Resp: 145642

Ion Ratio Lower Upper

165 100

63 62.7 52.1 78.1

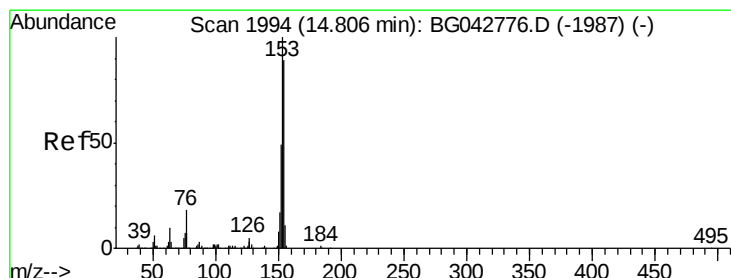
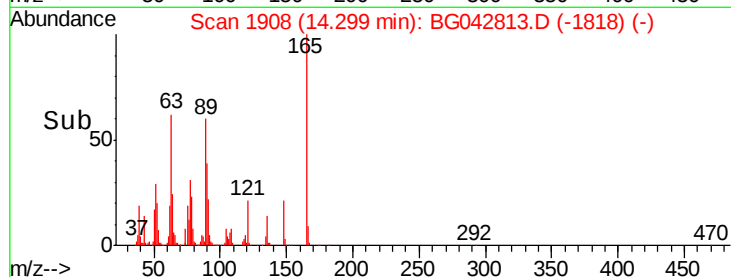
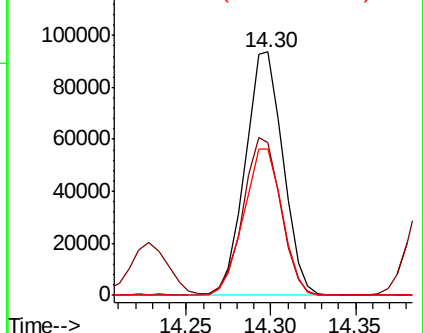
89 60.3 51.7 77.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.538 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

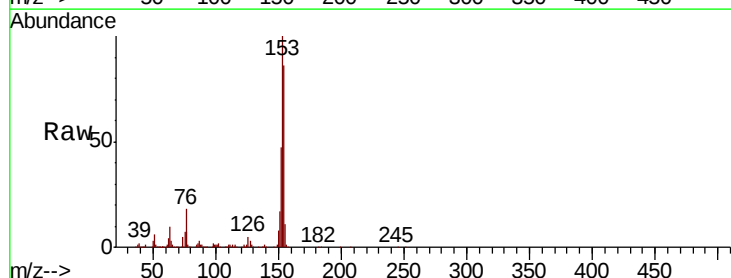
Tgt Ion:154 Resp: 515017

Ion Ratio Lower Upper

154 100

153 116.5 89.4 134.2

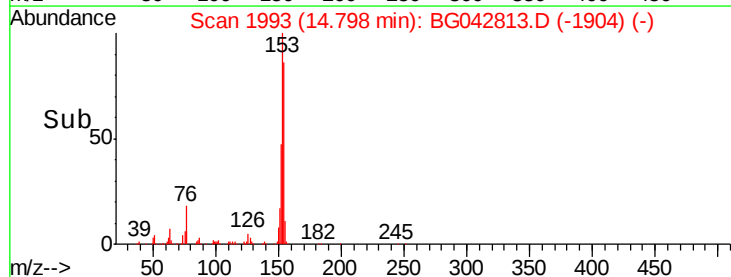
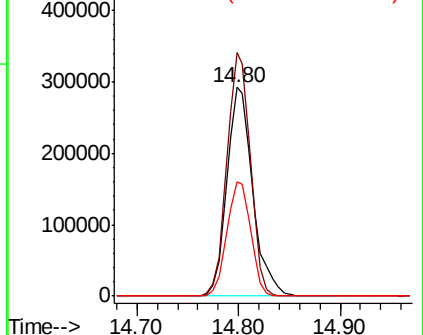
152 54.7 43.5 65.3

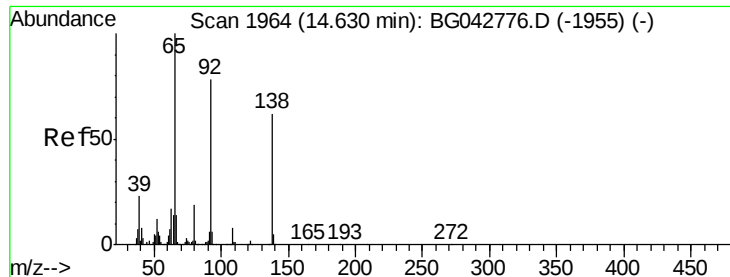


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

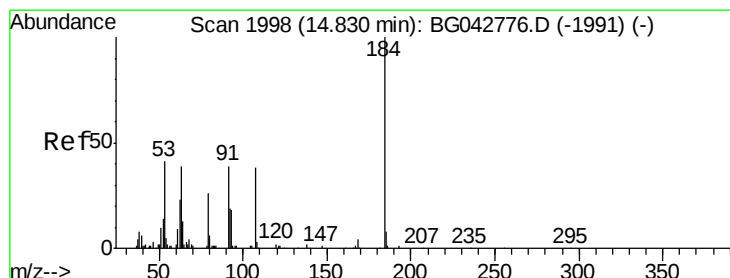
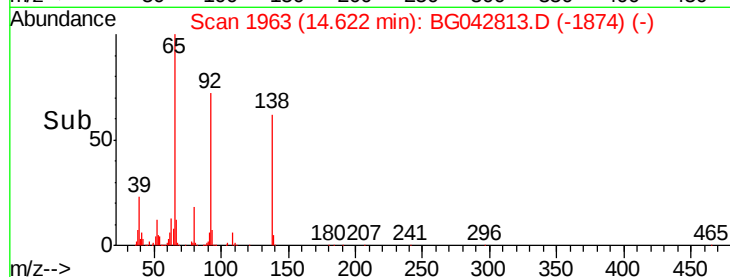
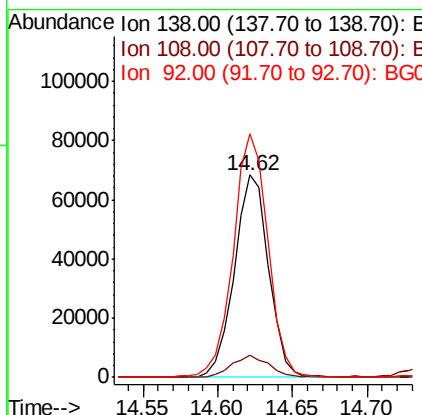
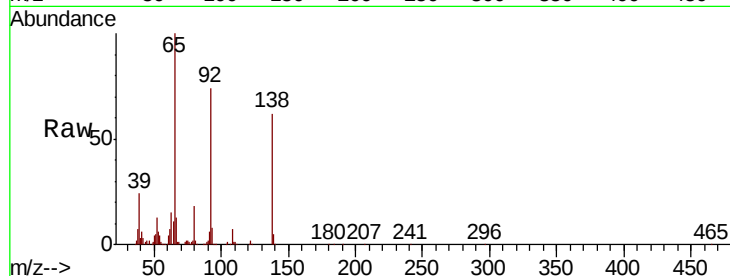




#53
3-Nitroaniline
Concen: 29.310 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

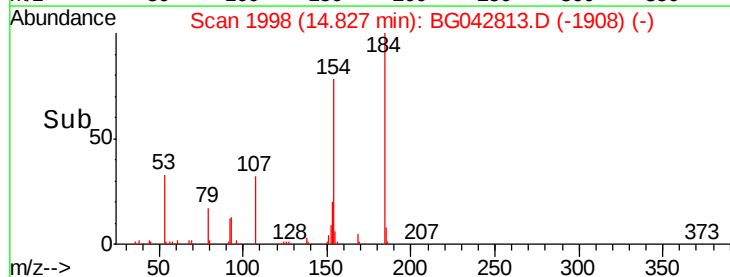
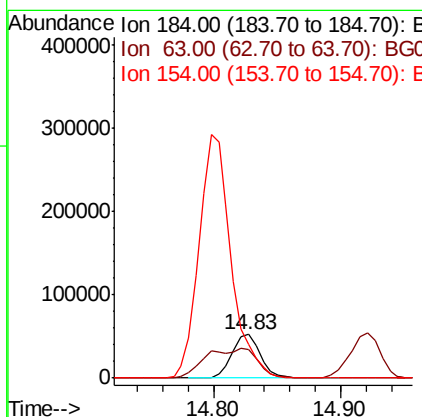
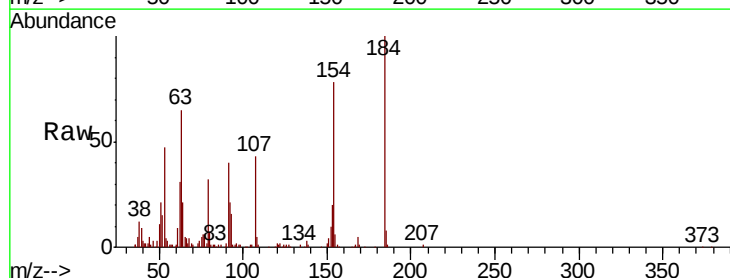
Instrument :
BNA_G
ClientSampleId :

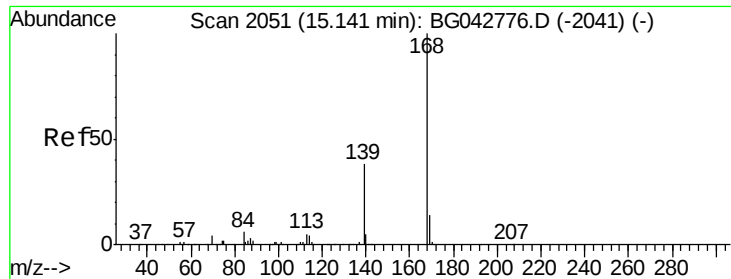
Tot Ion:138 Resp: 108435
Ion Ratio Lower Upper
138 100
108 11.1 10.7 16.1
92 120.3 100.5 150.7



#54
2,4-Dinitrophenol
Concen: 50.994 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion:184 Resp: 82752
Ion Ratio Lower Upper
184 100
63 64.8 46.2 69.4
154 78.4 81.3 121.9#

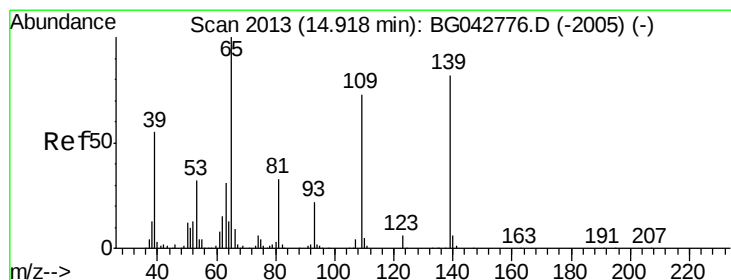
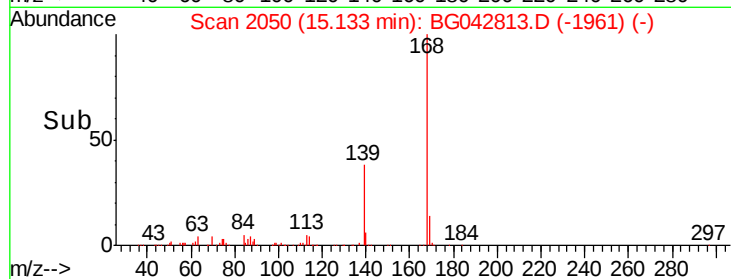
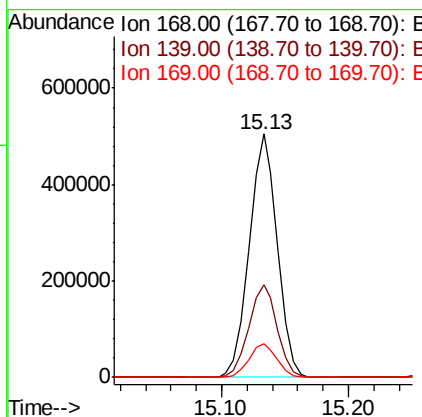
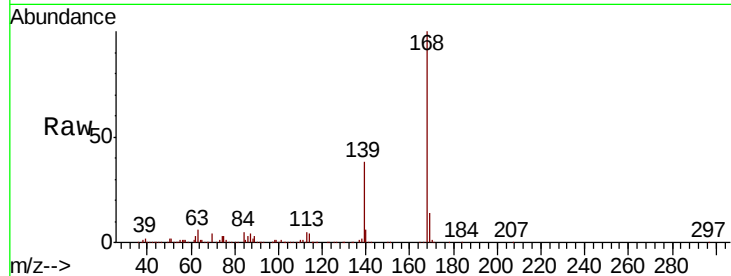




#55
Dibenzofuran
Concen: 41.907 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

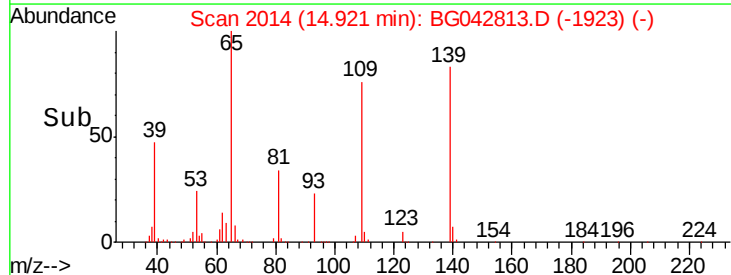
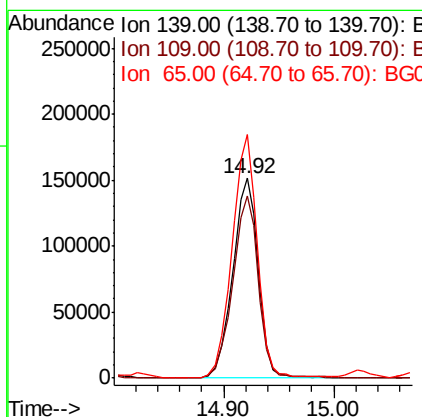
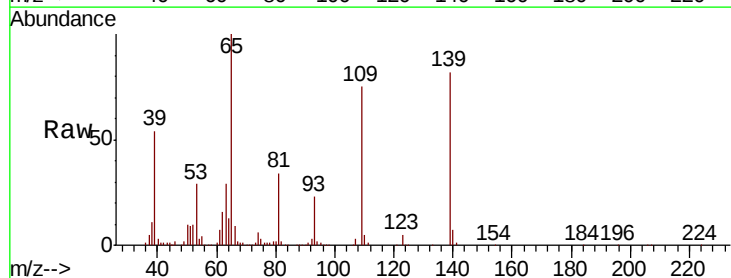
Instrument :
BNA_G
ClientSampleId :

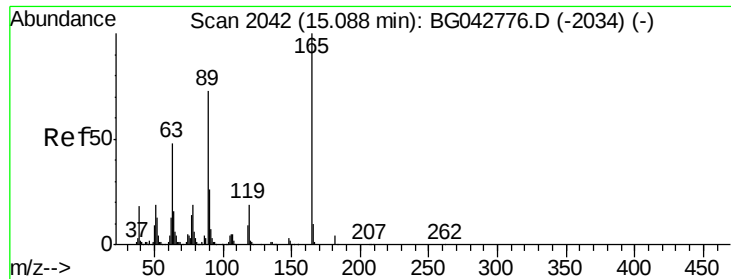
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.2	45.4
169	14.0	11.2	16.8



#56
4-Nitrophenol
Concen: 85.787 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.3	69.4	109.4
65	122.0	102.5	142.5

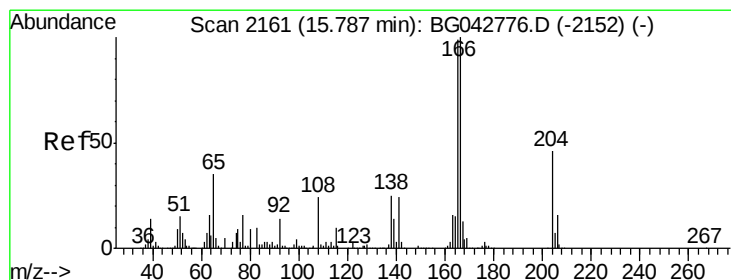
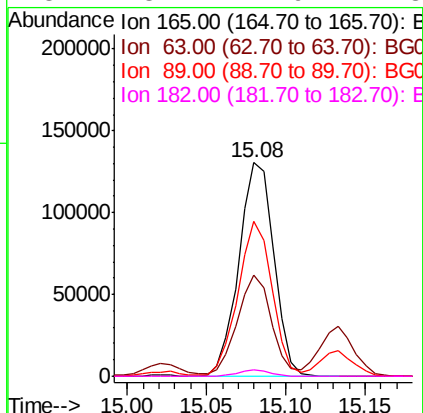
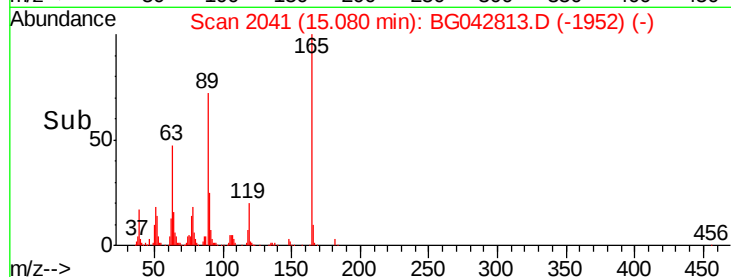
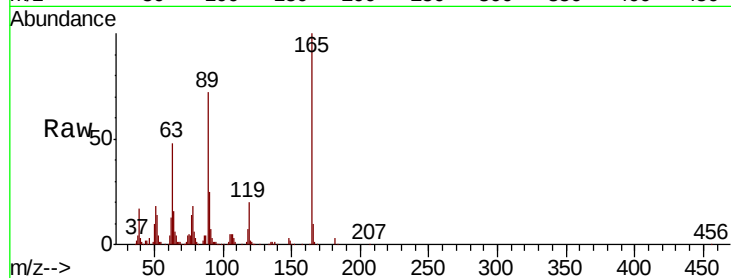




#57
2,4-Dinitrotoluene
Concen: 45.575 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

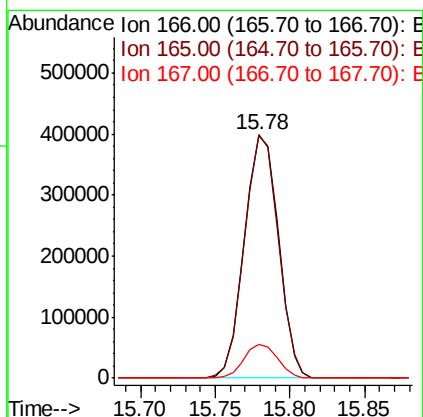
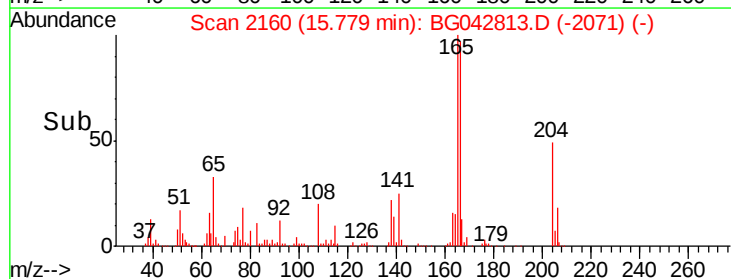
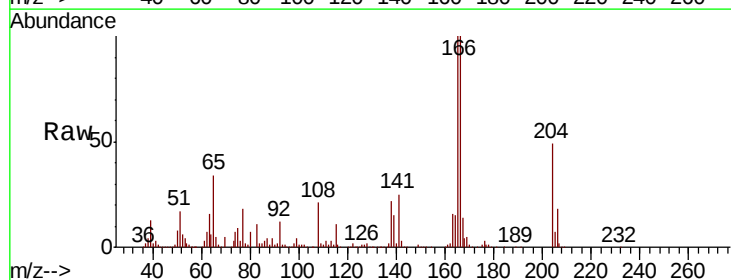
Instrument :
BNA_G
ClientSampleId :

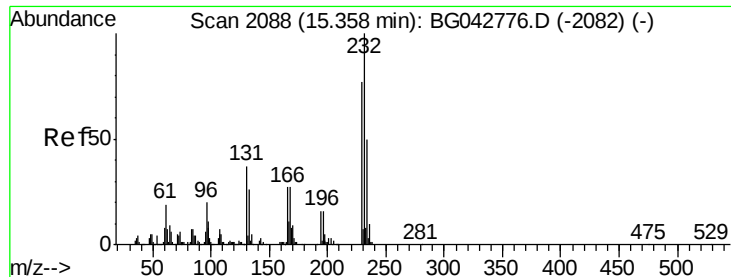
Tot Ion:	165	Resp:	200250
Ion	Ratio	Lower	Upper
165	100		
63	47.6	38.3	57.5
89	72.5	58.4	87.6
182	3.2	2.9	4.3



#58
Fluorene
Concen: 41.289 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion:	166	Resp:	630624
Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.1	118.7
167	13.7	10.7	16.1

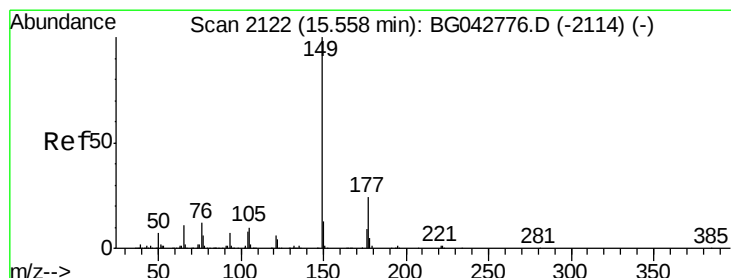
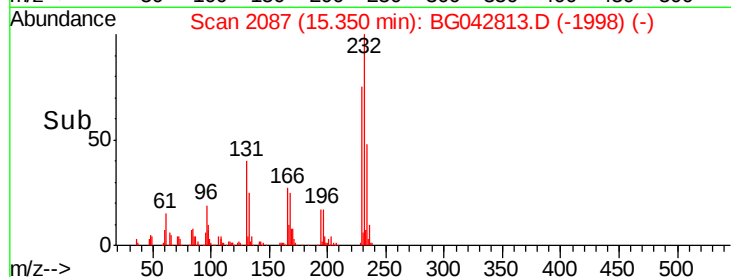
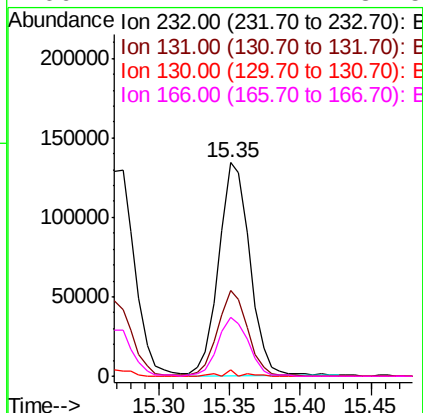
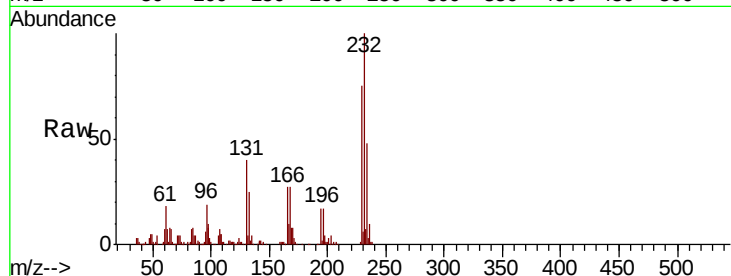




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.795 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

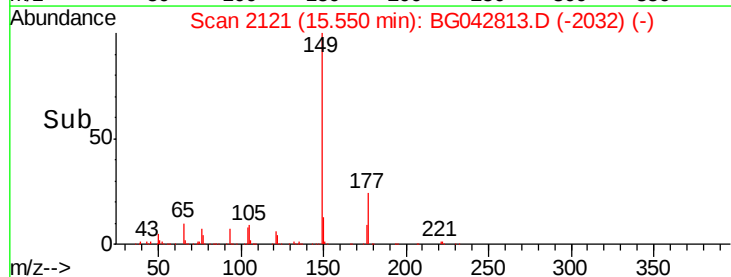
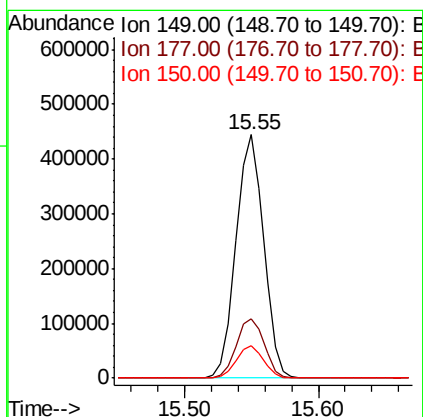
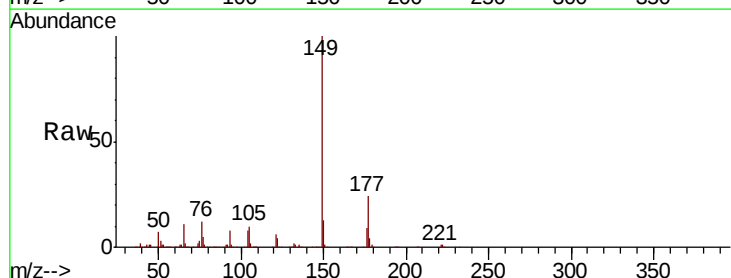
Instrument :
 BNA_G
 ClientSampleId :

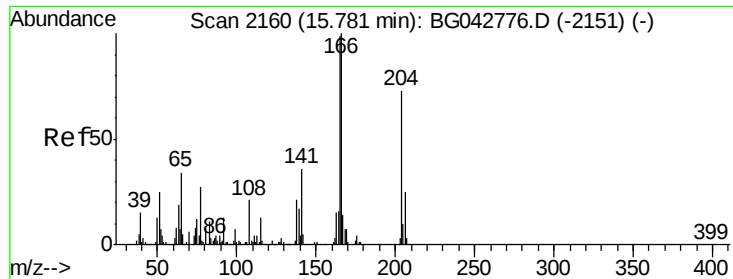
Tot Ion:	232	Resp:	205158
Ion	Ratio	Lower	Upper
232	100		
131	38.4	31.1	46.7
130	1.6	1.8	2.6#
166	27.7	21.7	32.5



#60
 Diethylphthalate
 Concen: 39.087 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Tgt Ion:	149	Resp:	637411
Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.4	29.0
150	13.1	10.2	15.4

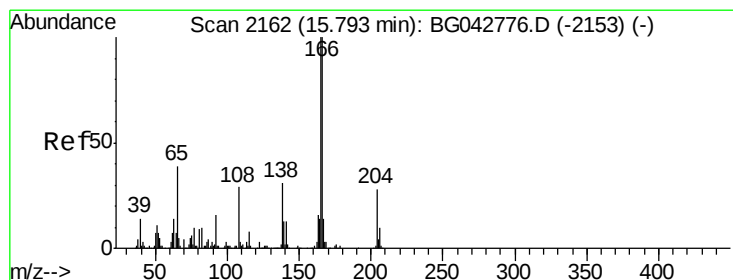
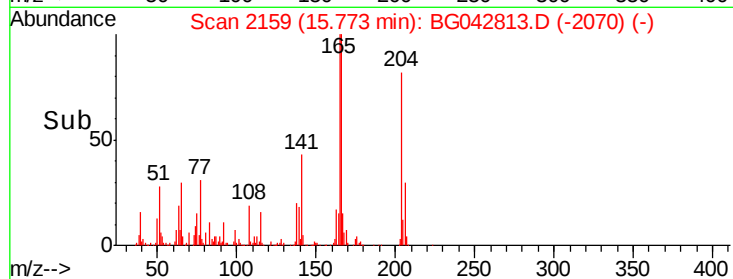
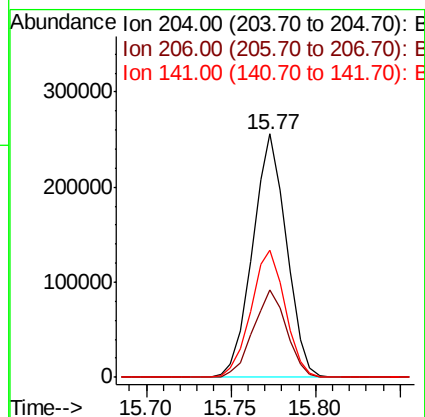
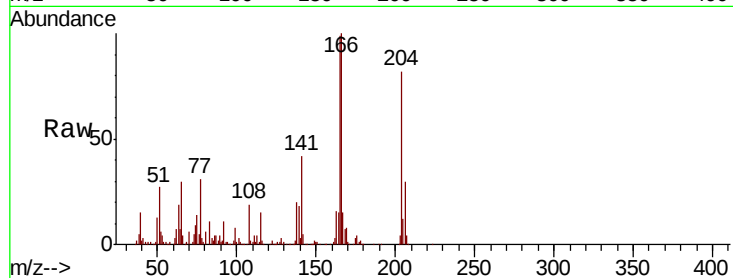




#61
 4-Chlorophenyl-phenylether
 Concen: 39.465 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

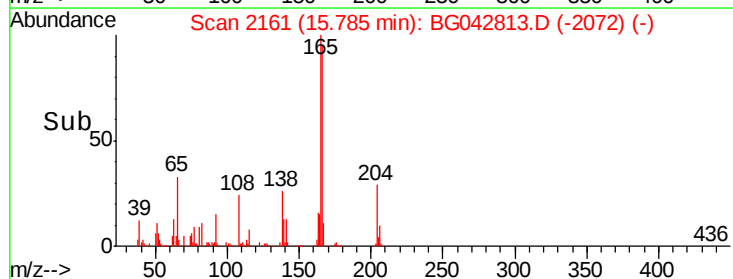
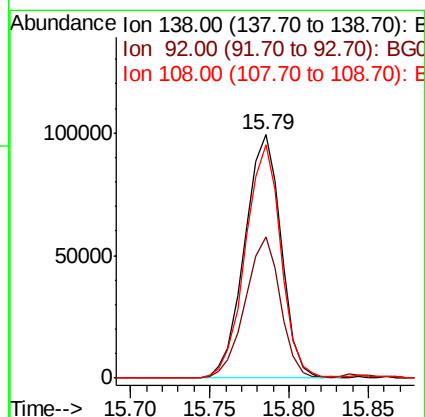
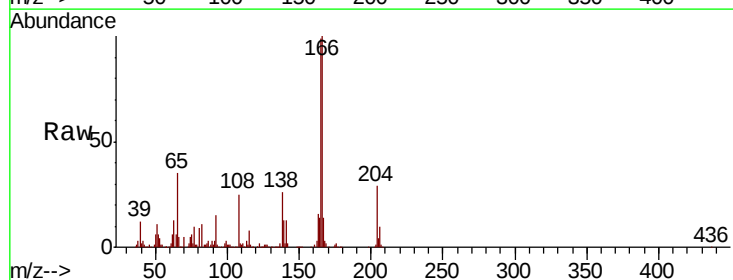
Instrument :
 BNA_G
 ClientSampleId :

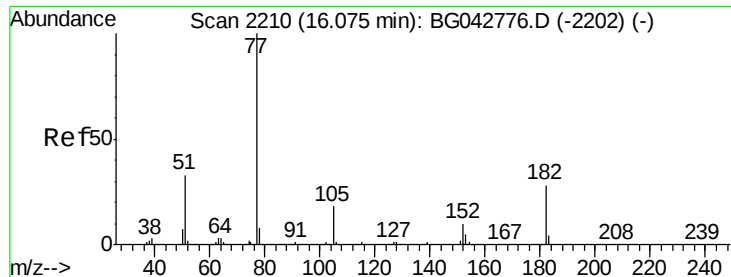
Tot Ion	Ratio	Lower	Upper
204	100		
206	36.2	27.6	41.4
141	52.1	39.8	59.6



#62
 4-Nitroaniline
 Concen: 39.724 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.8	31.4	71.4
108	95.8	74.8	114.8

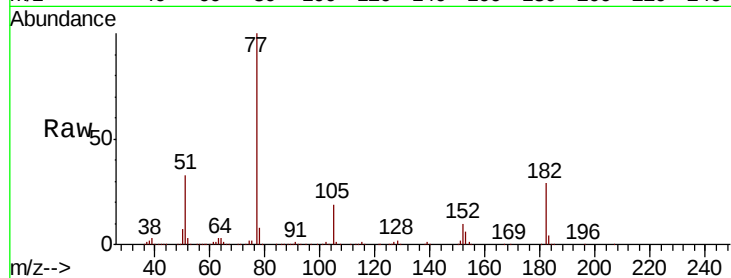




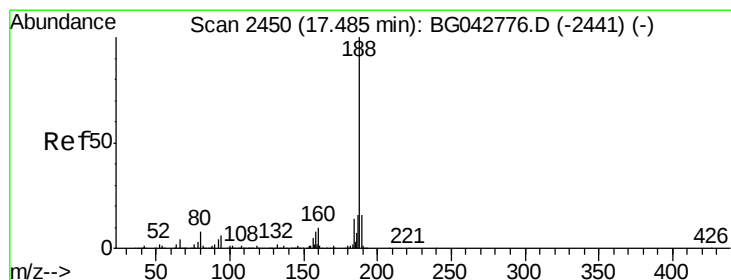
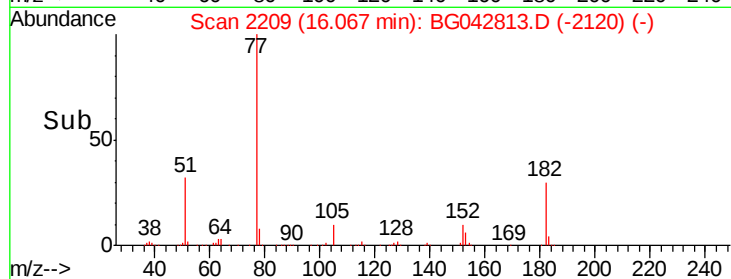
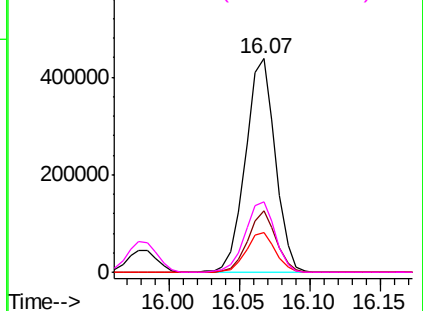
#63
Azobenzene
Concen: 41.166 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	646439
Ion	Ratio	Lower	Upper
77	100		
182	28.5	8.1	48.1
105	18.7	0.0	38.1
51	33.2	12.9	52.9

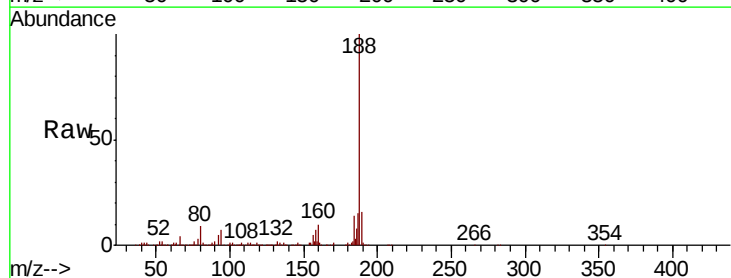


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

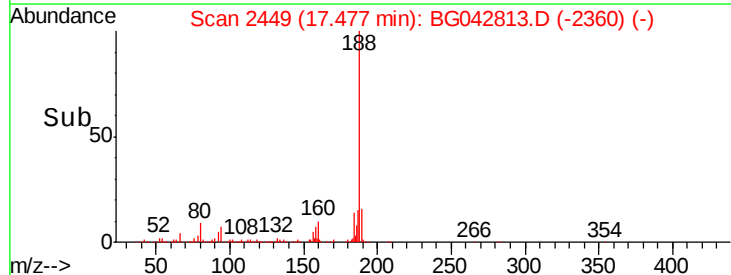
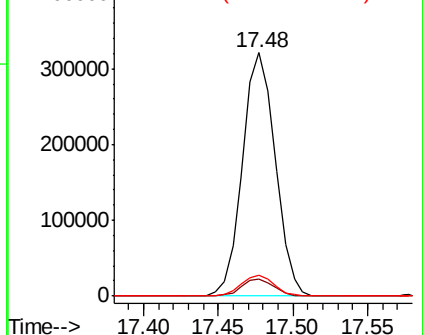


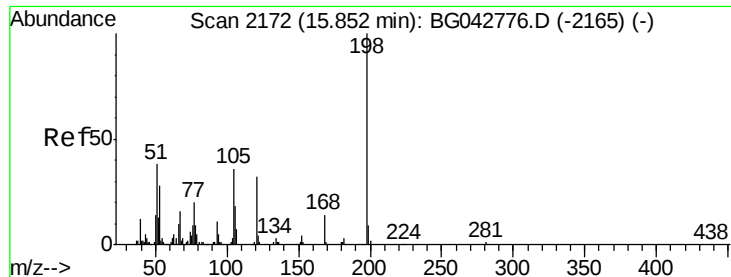
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion:	188	Resp:	489249
Ion	Ratio	Lower	Upper
188	100		
94	7.0	4.8	7.2
80	8.7	6.6	9.8



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

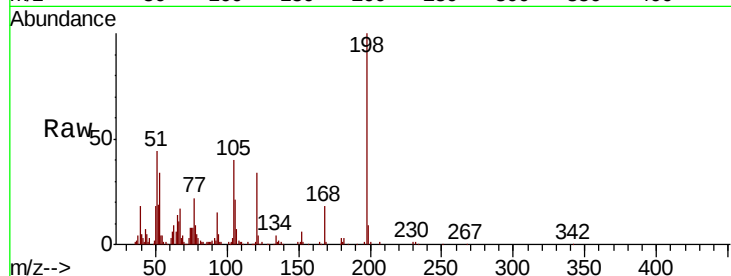




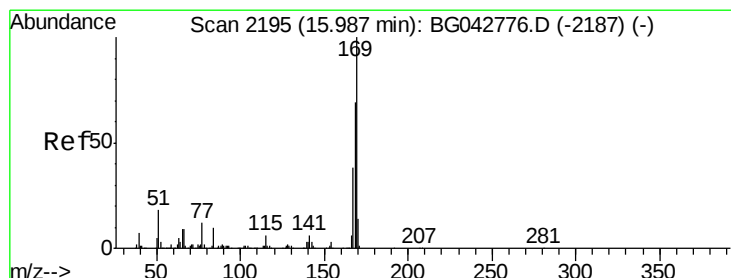
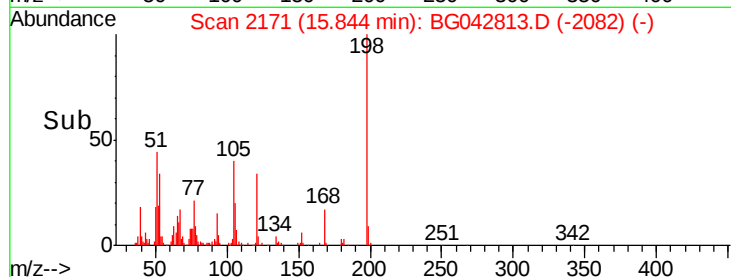
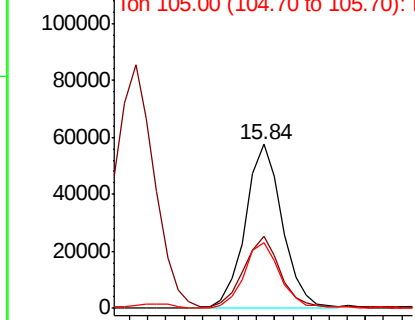
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.082 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	198	Resp	81815
Ion Ratio	Lower	Upper	
198	100		
51	44.4	20.9	60.9
105	40.0	16.4	56.4

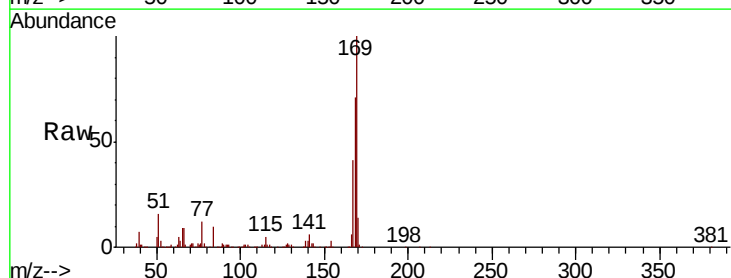


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

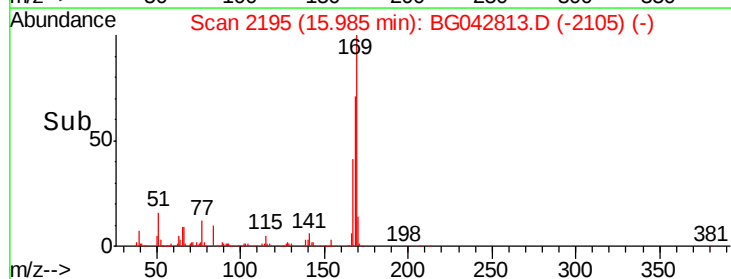
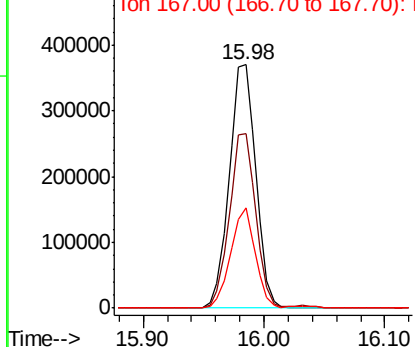


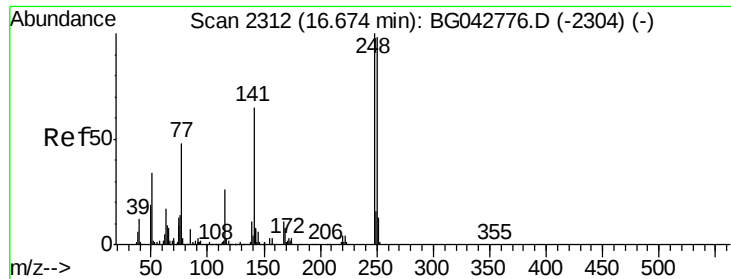
#66
 n-Nitrosodiphenylamine
 Concen: 43.021 ng
 RT: 15.98 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Tgt Ion	169	Resp	566389
Ion Ratio	Lower	Upper	
169	100		
168	71.4	55.4	83.2
167	41.0	30.4	45.6



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

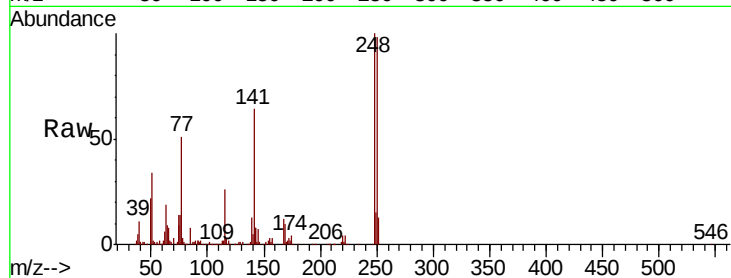




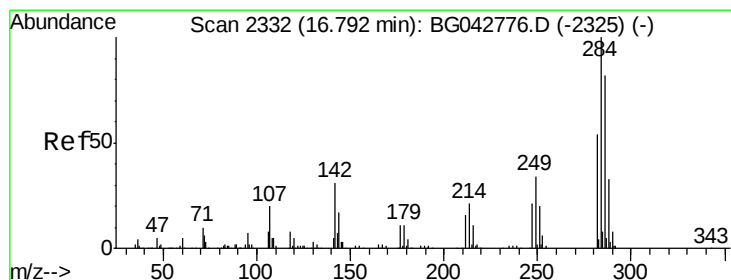
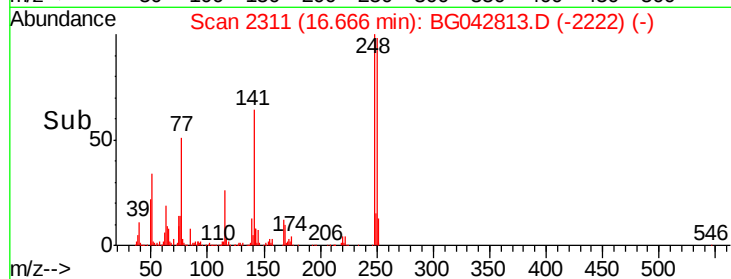
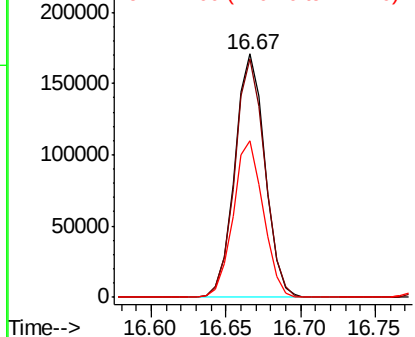
#67
4-Bromophenyl-phenylether
Concen: 40.439 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 239469
Ion Ratio Lower Upper
248 100
250 97.8 78.0 117.0
141 64.3 51.8 77.6

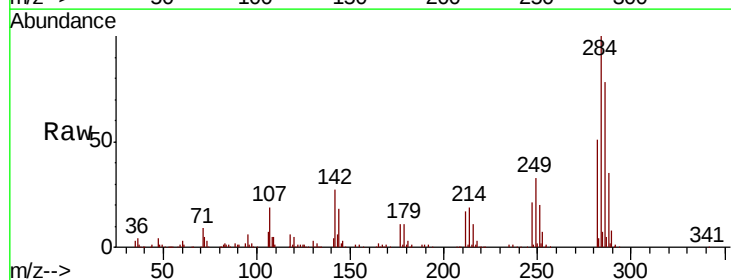


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

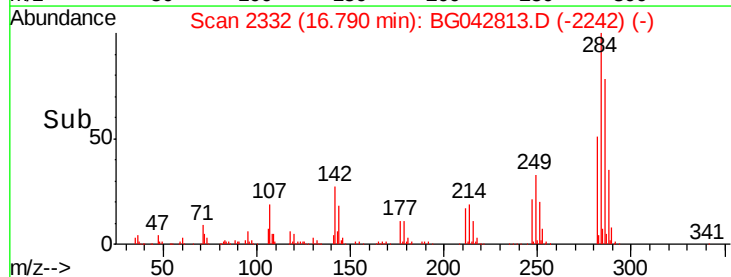
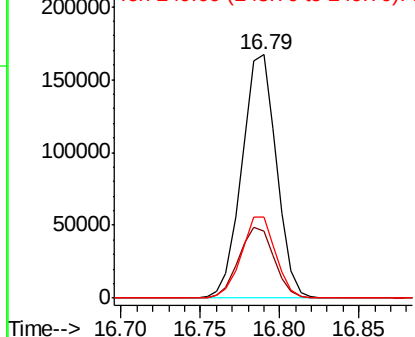


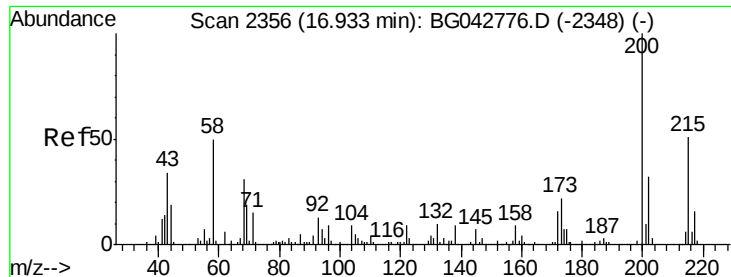
#68
Hexachlorobenzene
Concen: 39.851 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion:284 Resp: 252161
Ion Ratio Lower Upper
284 100
142 27.4 24.7 37.1
249 33.0 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

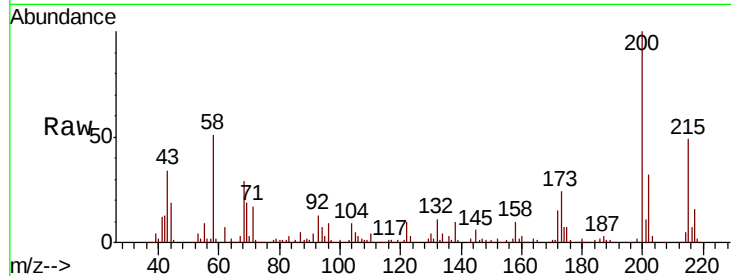




#69
 Atrazine
 Concen: 47.782 ng
 RT: 16.92 min Scan# 2355
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	2.5	42.5
215	49.4	31.0	71.0

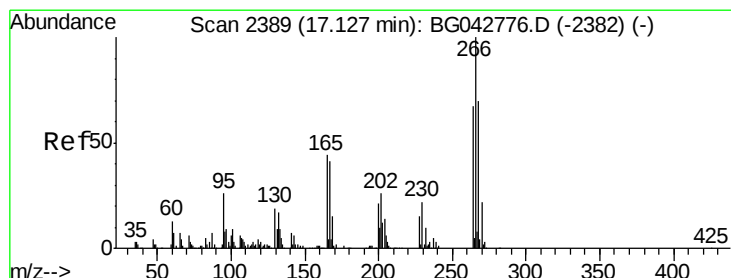
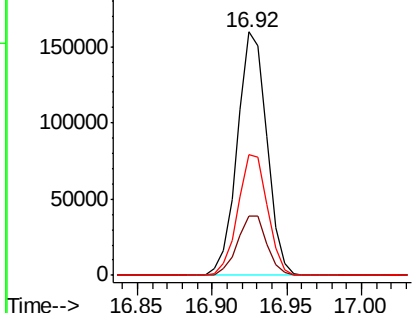
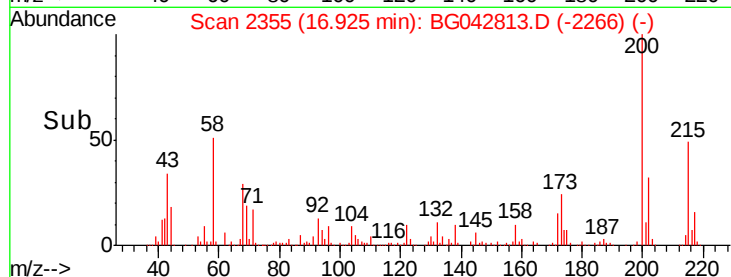


Abundance

Ion 200.00 (199.70 to 200.70): E

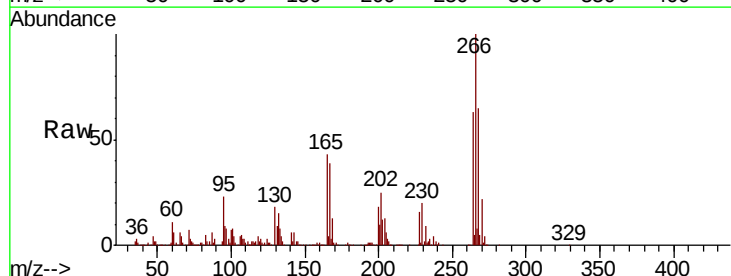
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 88.666 ng
 RT: 17.12 min Scan# 2389
 Delta R.T. -0.00 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	56.2	84.4
264	63.3	53.4	80.2

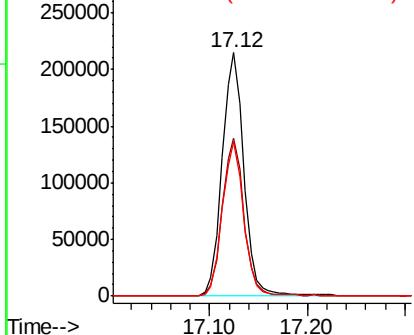
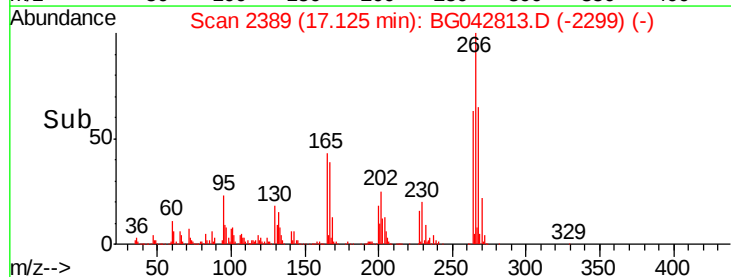


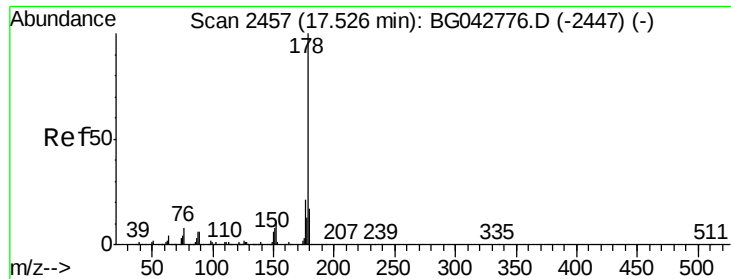
Abundance

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: 42.507 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleId :

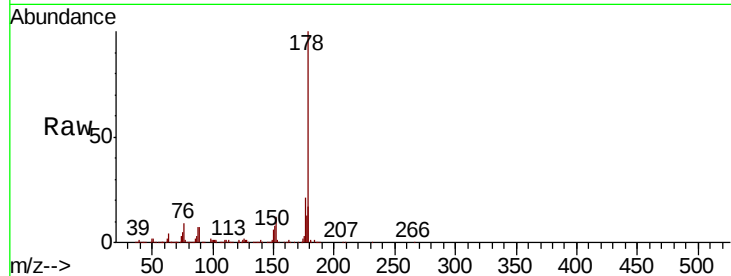
Tot Ion:178 Resp: 994571

Ion Ratio Lower Upper

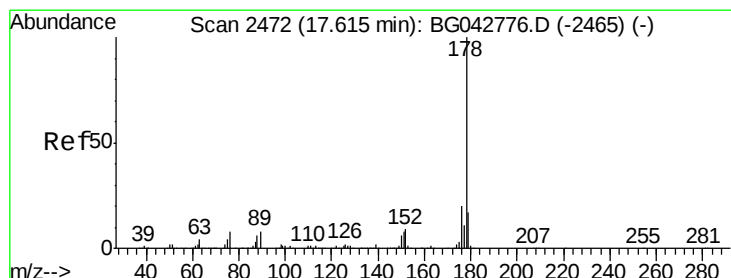
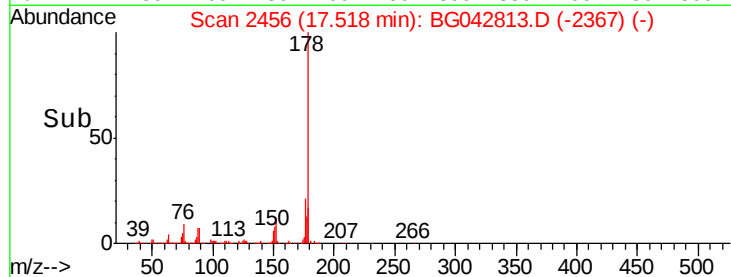
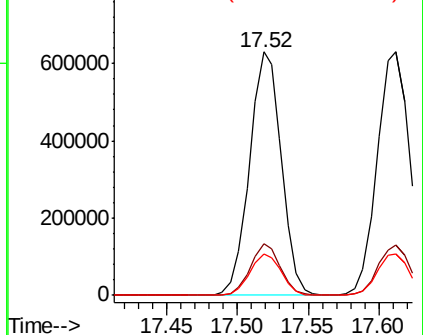
178 100

176 21.2 17.0 25.4

179 17.2 13.6 20.4



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



#72

Anthracene

Concen: 43.284 ng

RT: 17.61 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

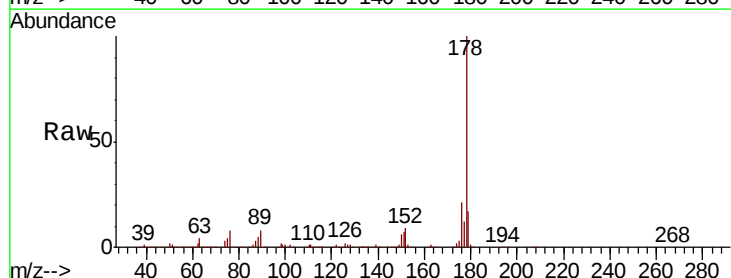
Tgt Ion:178 Resp: 1011805

Ion Ratio Lower Upper

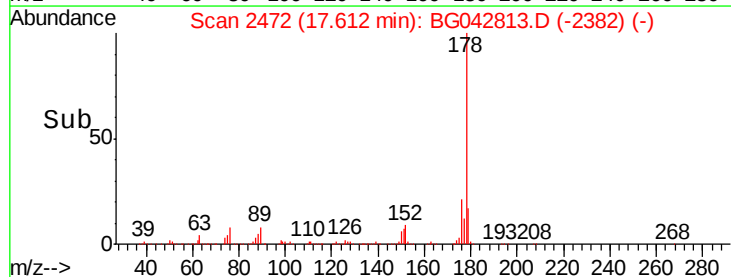
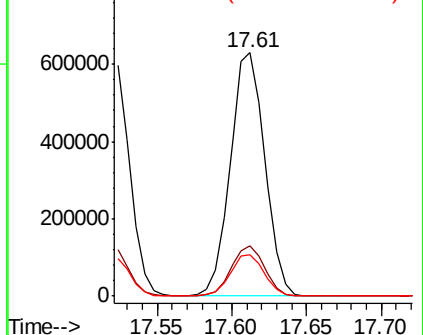
178 100

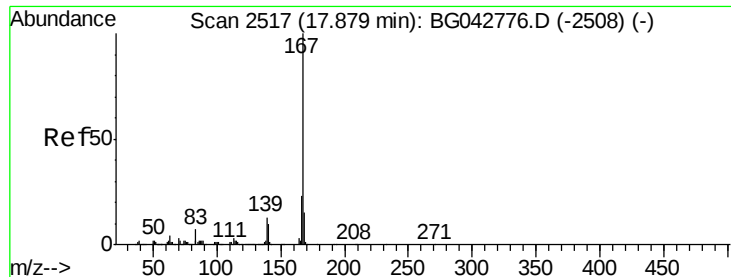
176 20.7 16.2 24.4

179 16.8 13.6 20.4



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

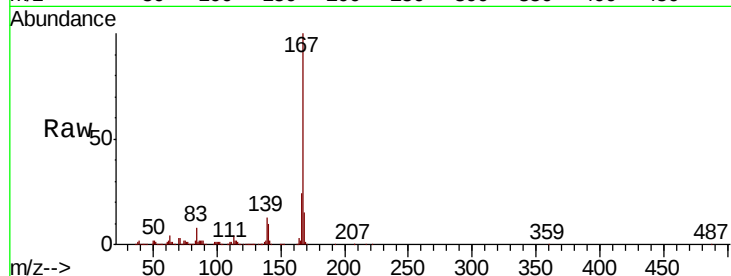




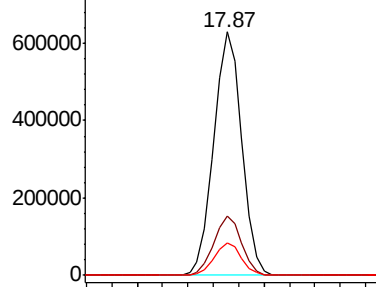
#73
 Carbazole
 Concen: 43.291 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Instrument :
 BNA_G
 ClientSampleId :

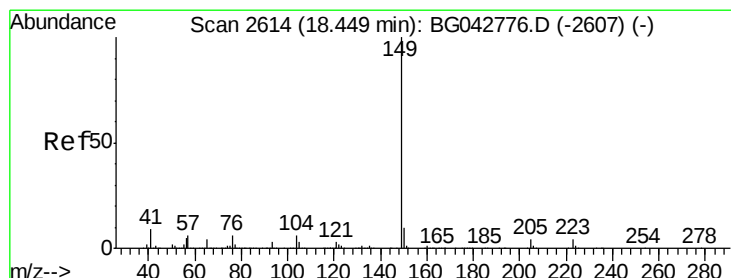
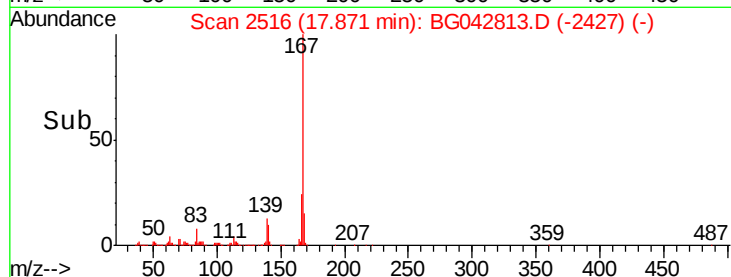
Tot Ion:167 Resp: 961821
 Ion Ratio Lower Upper
 167 100
 166 24.3 18.3 27.5
 139 13.3 10.2 15.4



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

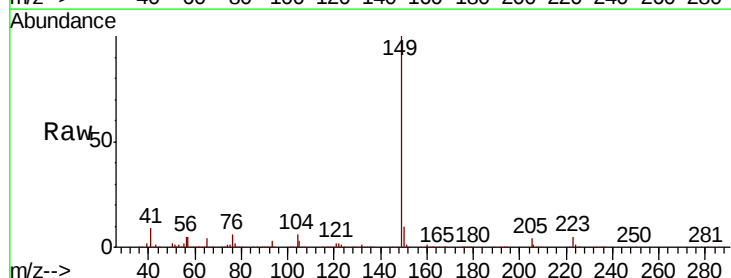


Time--> 17.80 17.90

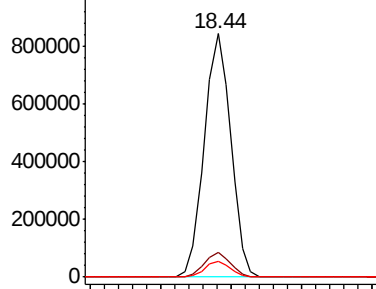


#74
 Di-n-butylphthalate
 Concen: 41.485 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

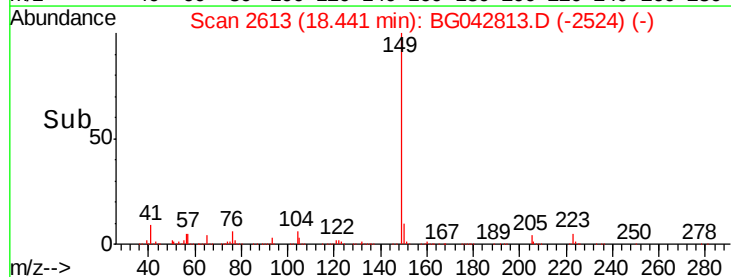
Tgt Ion:149 Resp: 1104105
 Ion Ratio Lower Upper
 149 100
 150 10.2 8.0 12.0
 104 6.3 5.1 7.7

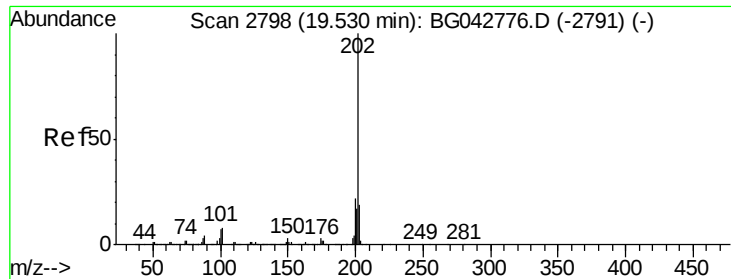


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



Time--> 18.35 18.40 18.45 18.50





#75

Fluoranthene

Concen: 43.767 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampled :

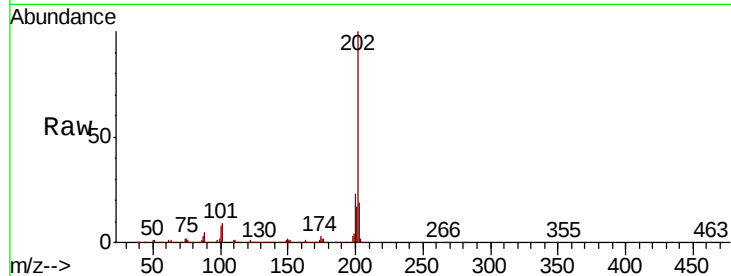
Tot Ion:202 Resp: 1327179

Ion Ratio Lower Upper

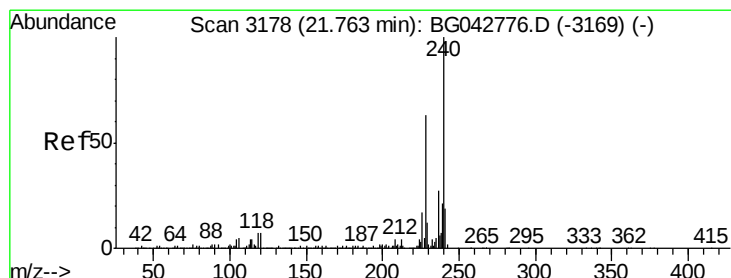
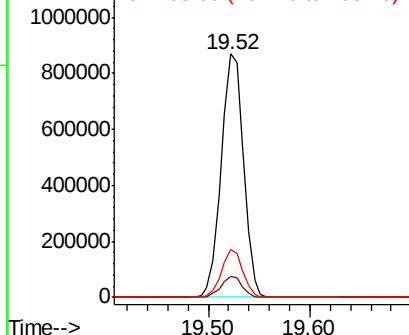
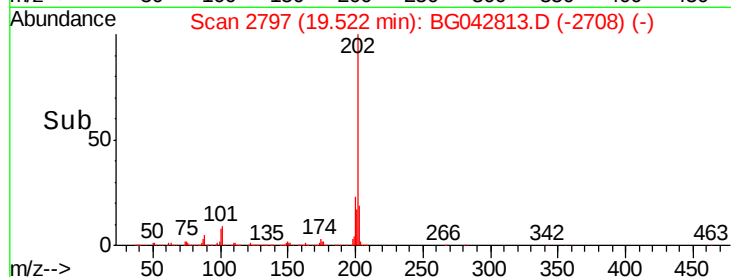
202 100

101 8.7 0.0 27.8

203 19.4 0.0 39.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

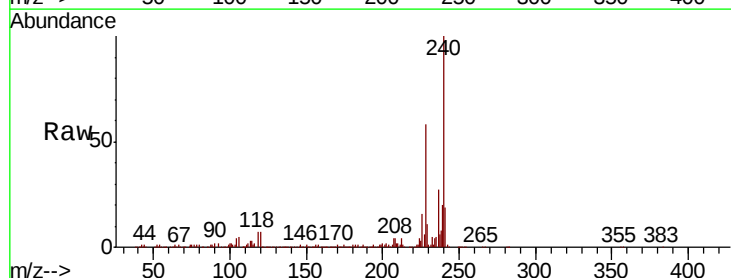
Tgt Ion:240 Resp: 523573

Ion Ratio Lower Upper

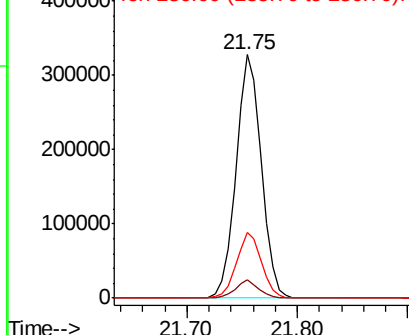
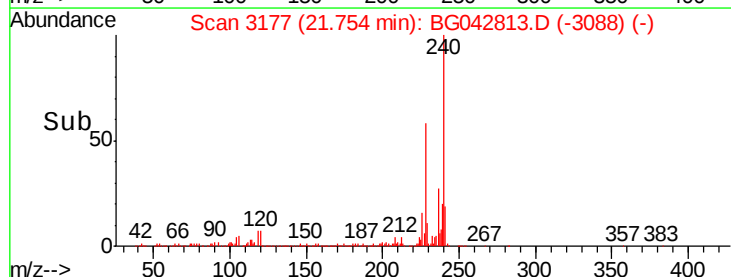
240 100

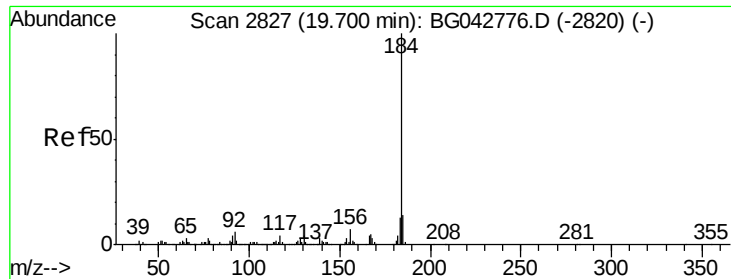
120 7.3 5.4 8.2

236 27.0 21.7 32.5



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





#77

Benzidine

Concen: 43.402 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampled :

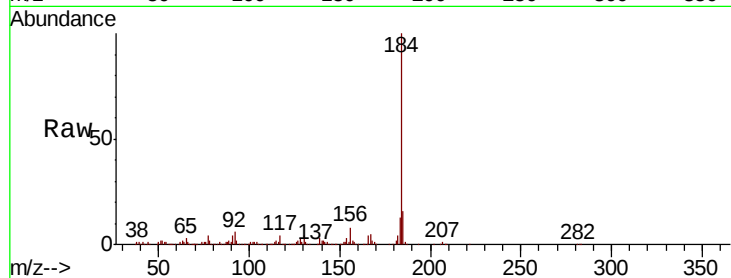
Tot Ion:184 Resp: 634888

Ion Ratio Lower Upper

184 100

185 15.6 11.6 17.4

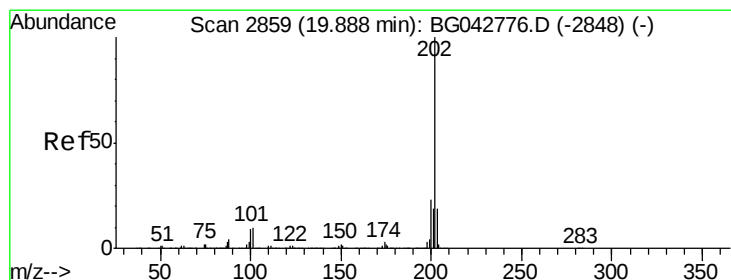
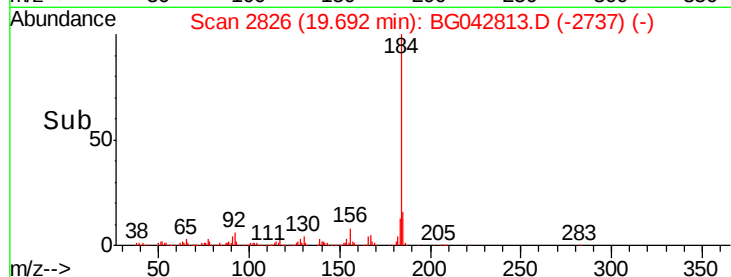
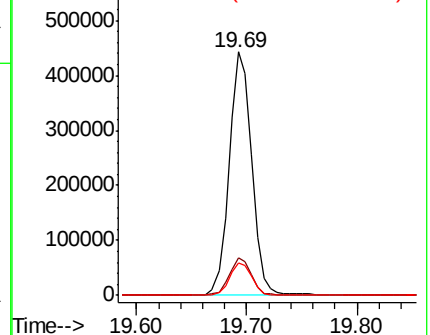
183 13.4 10.4 15.6



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: 41.046 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

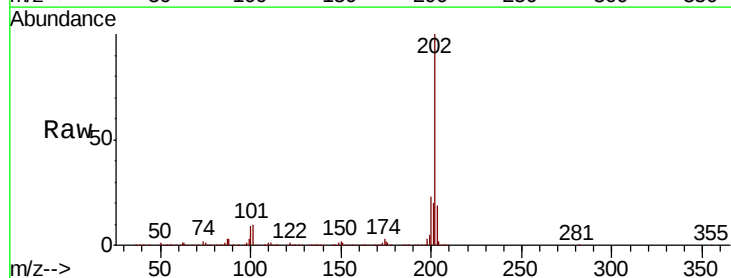
Tgt Ion:202 Resp: 1345452

Ion Ratio Lower Upper

202 100

200 23.1 18.5 27.7

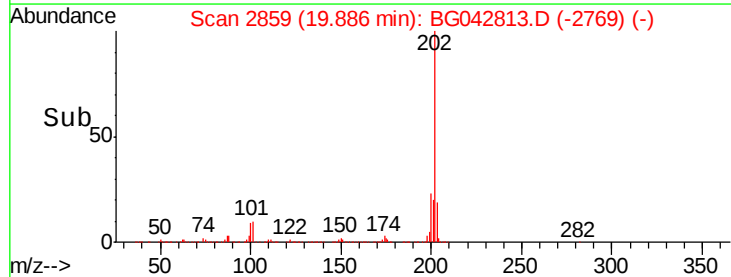
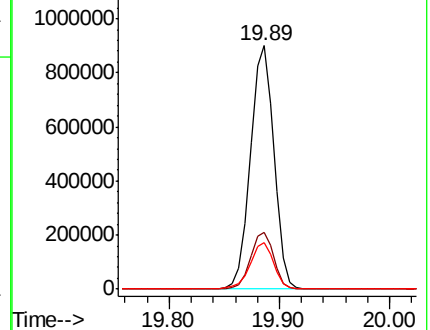
203 18.9 15.3 22.9

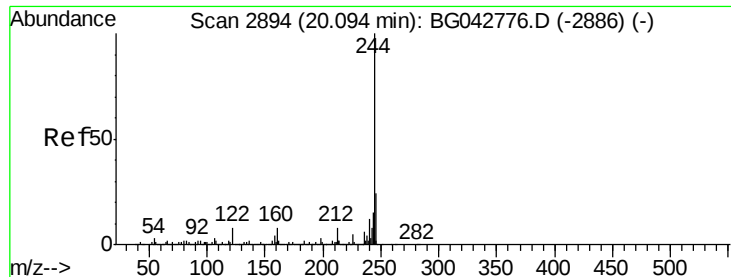


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.662 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleId :

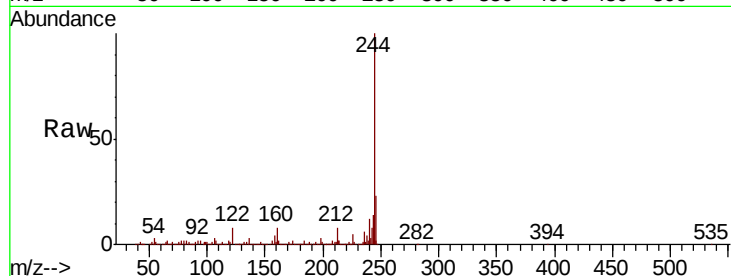
Tot Ion:244 Resp: 1669315

Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

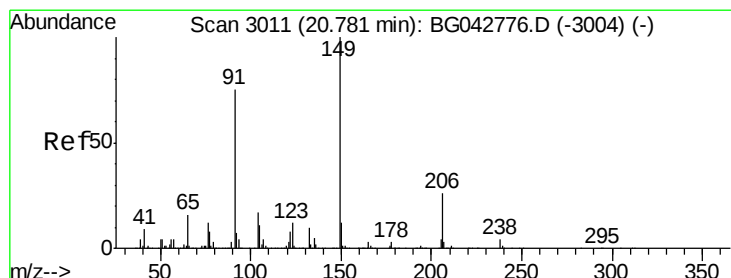
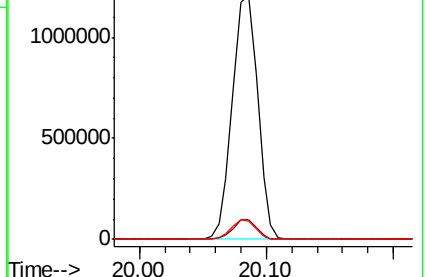
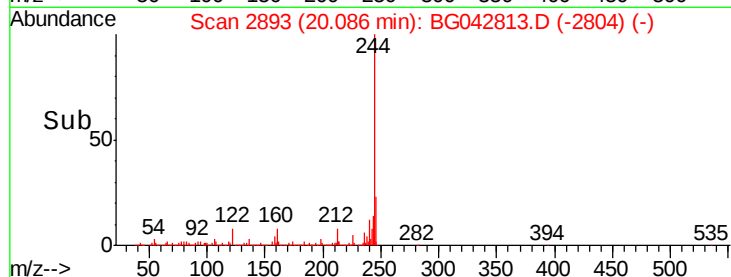
122 7.6 6.2 9.4



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: 41.032 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

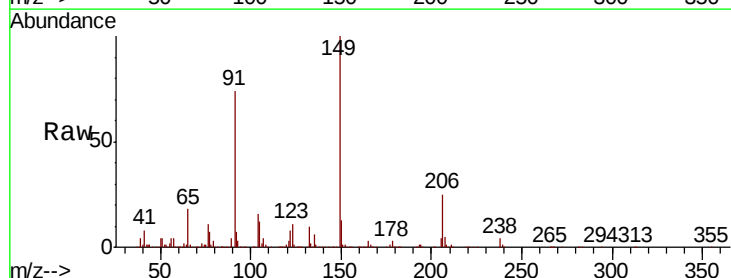
Tgt Ion:149 Resp: 544329

Ion Ratio Lower Upper

149 100

91 73.8 60.2 90.2

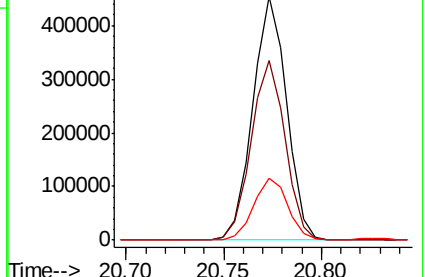
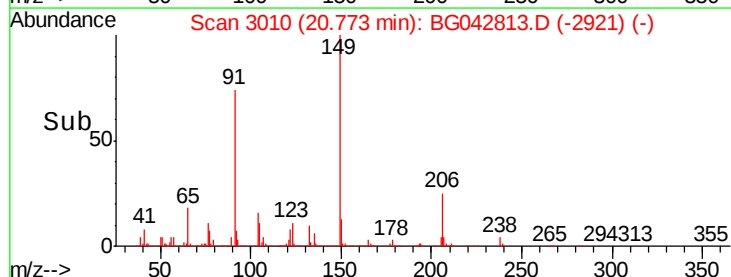
206 25.2 20.6 30.8

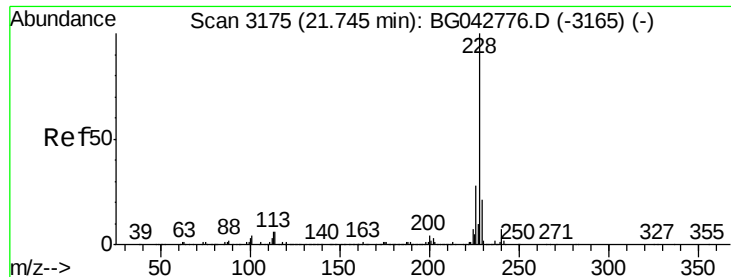


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

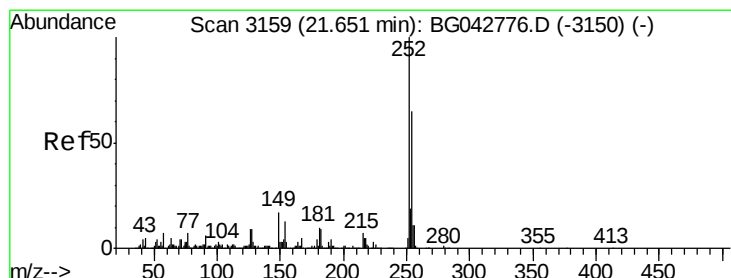
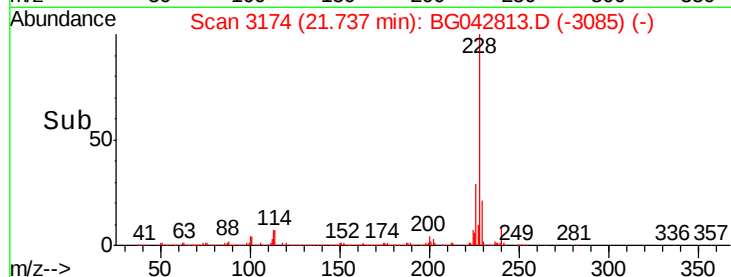
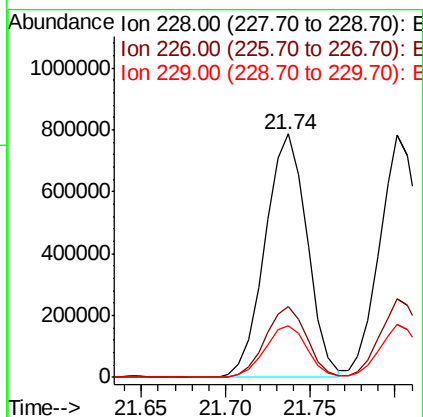
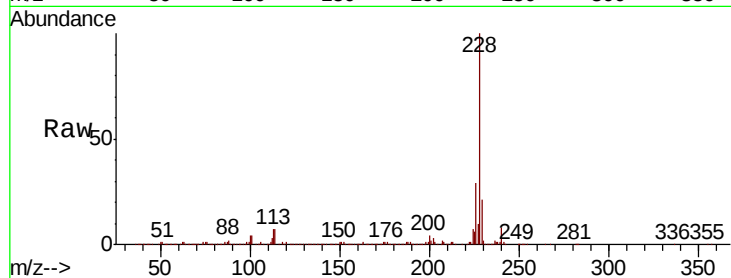




#81
Benzo(a)anthracene
Concen: 40.532 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

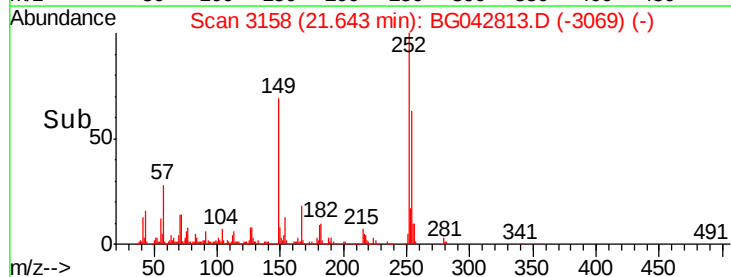
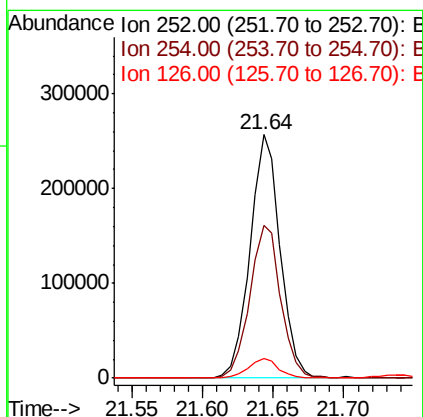
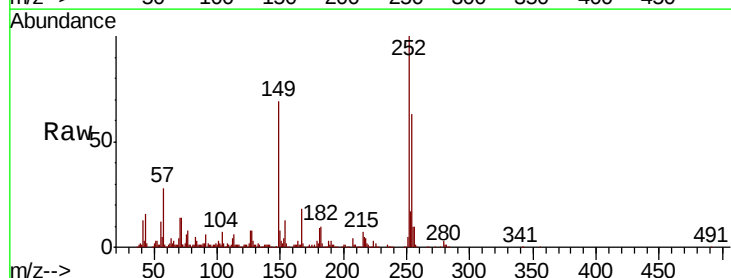
Instrument :
BNA_G
ClientSampled :

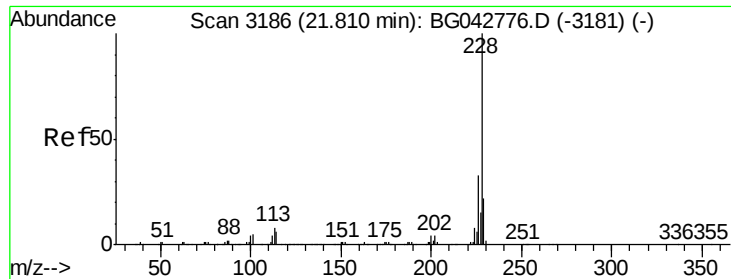
Tot Ion:228 Resp: 1349296
Ion Ratio Lower Upper
228 100
226 29.2 22.5 33.7
229 21.0 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 29.659 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion:252 Resp: 383698
Ion Ratio Lower Upper
252 100
254 62.8 52.2 78.2
126 8.0 7.0 10.4





#83

Chrysene

Concen: 41.749 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleId :

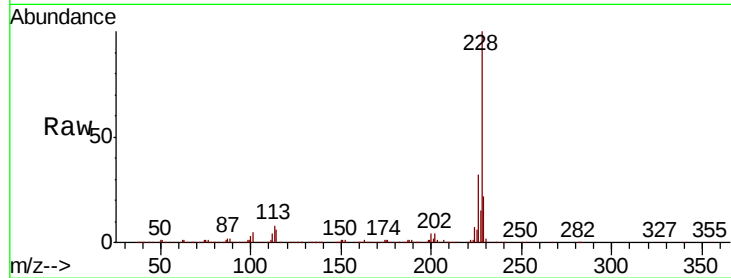
Tot Ion:228 Resp: 1316473

Ion	Ratio	Lower	Upper
228	100		
226	32.1	26.0	39.0
229	21.7	17.1	25.7

228 100

226 32.1 26.0 39.0

229 21.7 17.1 25.7

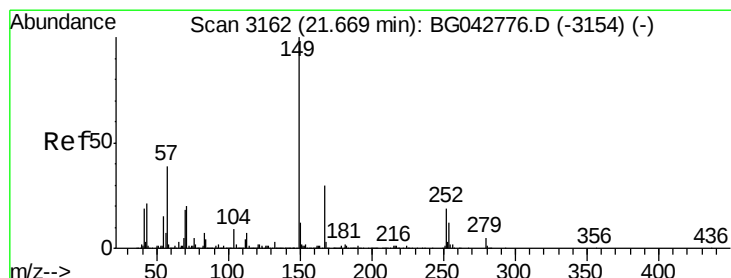
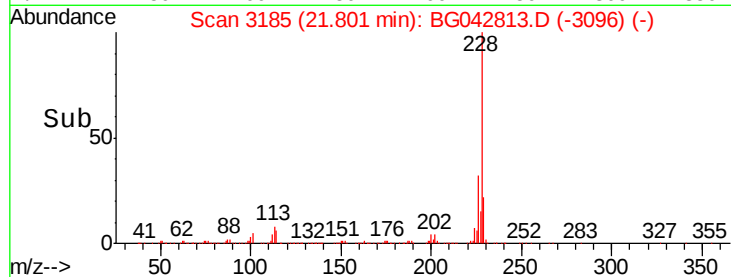
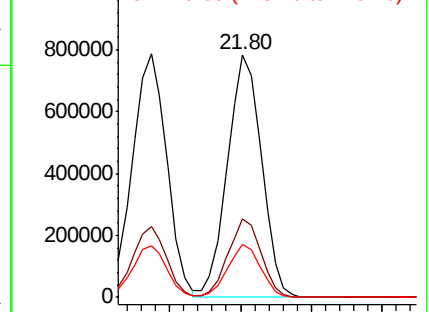


Abundance

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: 41.663 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

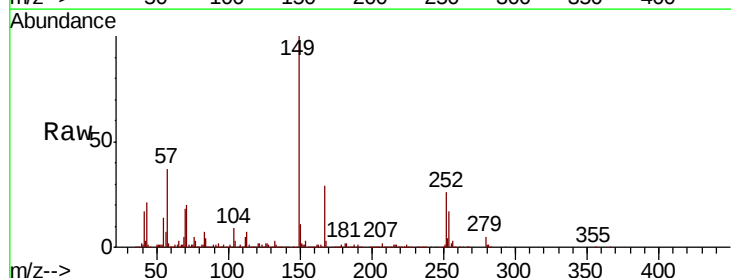
Tgt Ion:149 Resp: 755193

Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.3	36.5
279	5.4	4.2	6.4

149 100

167 29.5 24.3 36.5

279 5.4 4.2 6.4

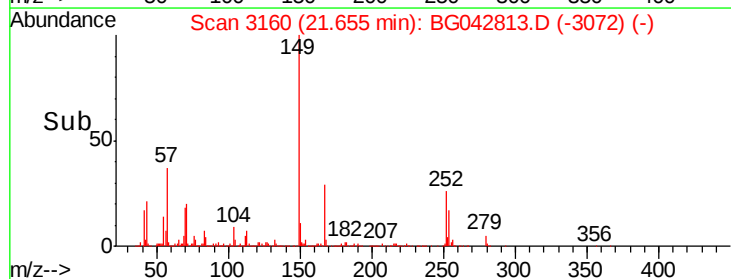
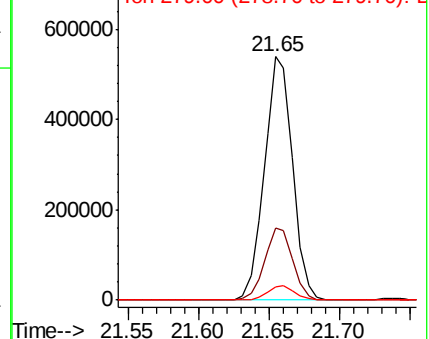


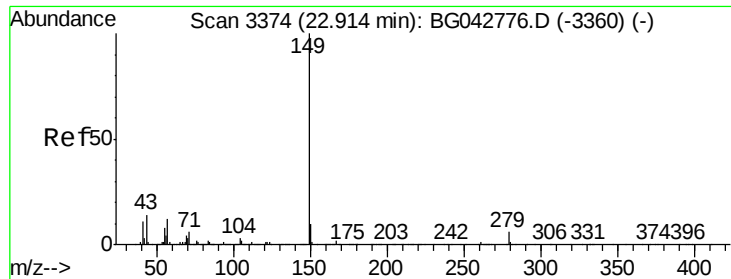
Abundance

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: 41.874 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleId :

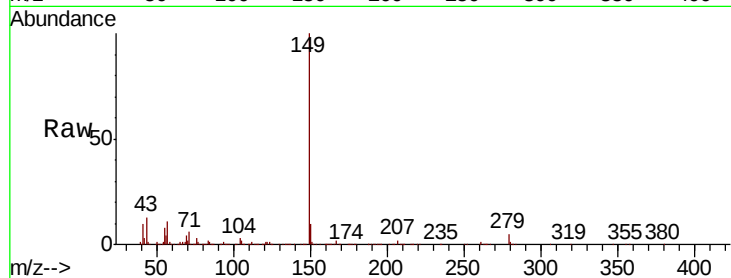
Tot Ion:149 Resp: 1293953

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

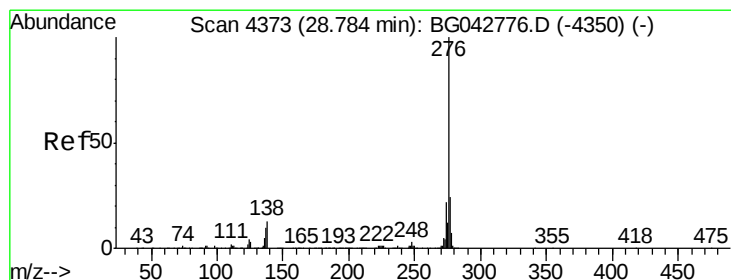
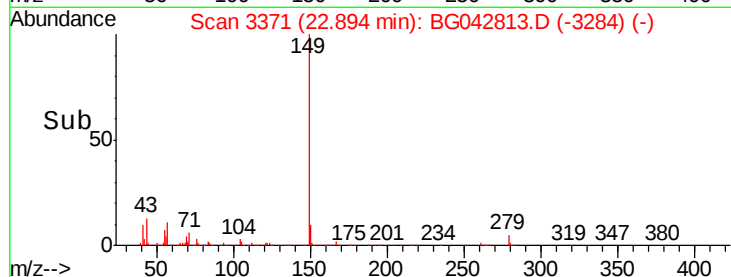
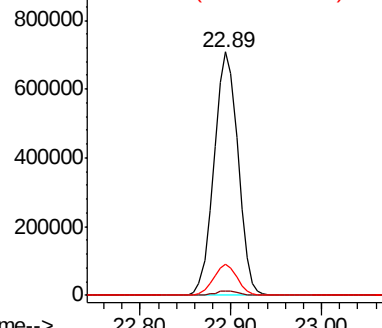
43 12.5 10.6 15.8



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: 41.539 ng

RT: 28.76 min Scan# 4370

Delta R.T. -0.02 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

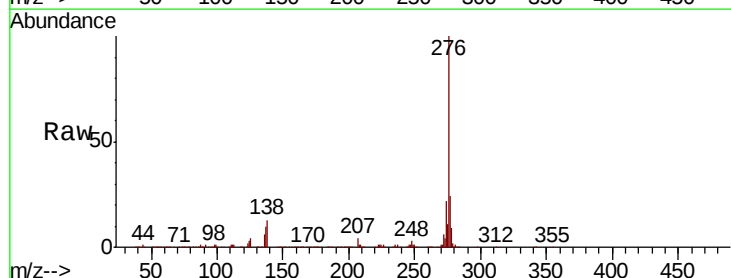
Tgt Ion:276 Resp: 1622059

Ion Ratio Lower Upper

276 100

138 12.9 9.3 13.9

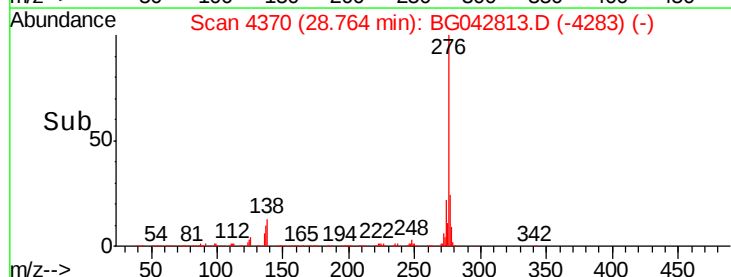
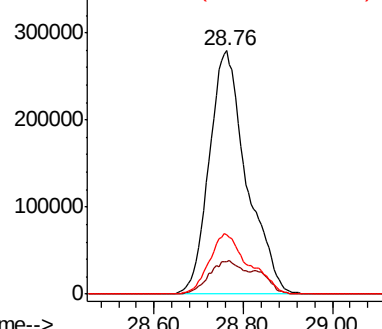
277 26.3 17.2 25.8#

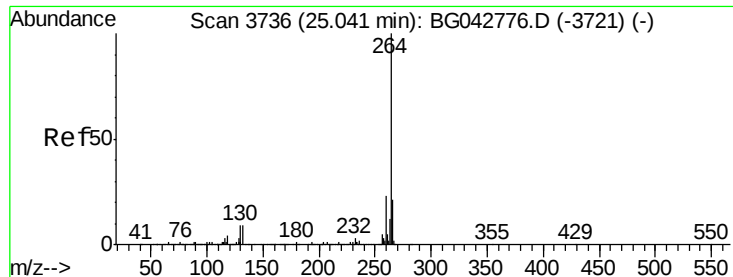


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



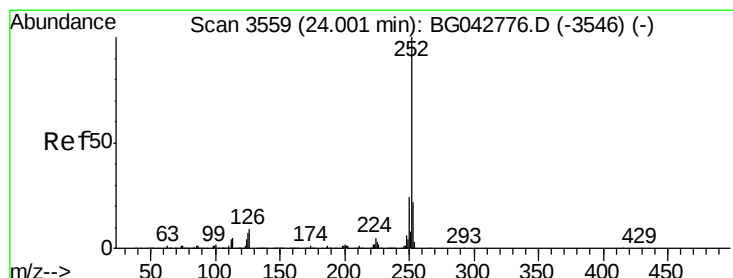
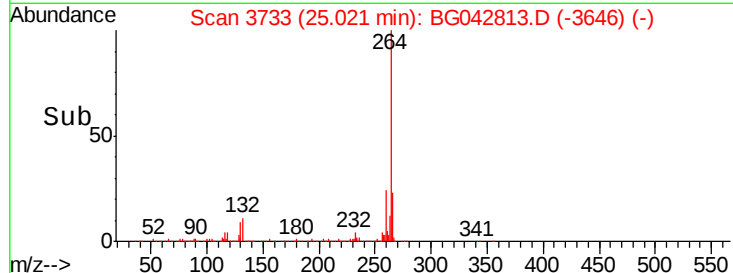
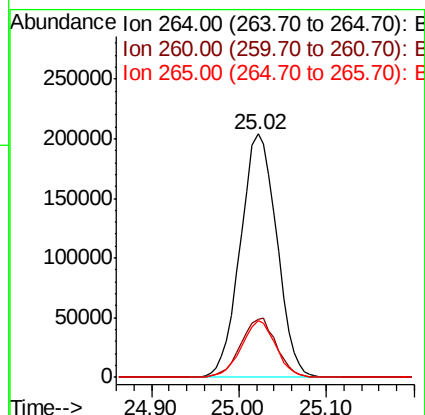
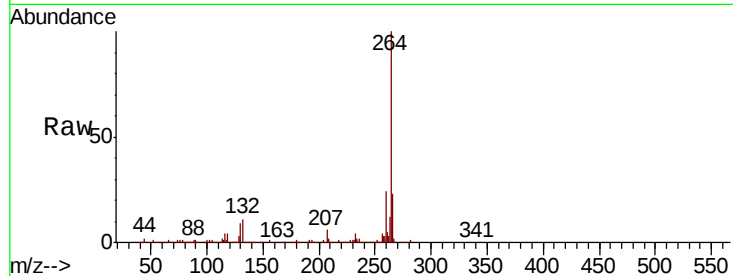


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 575836

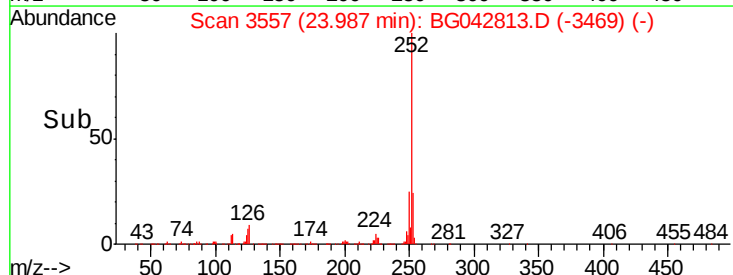
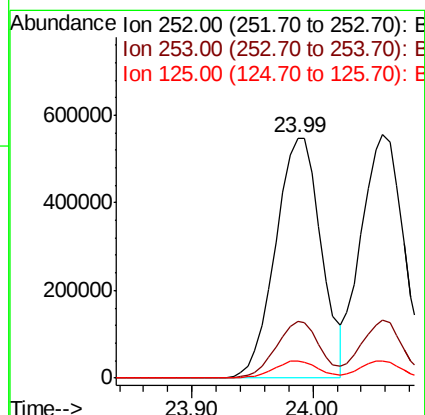
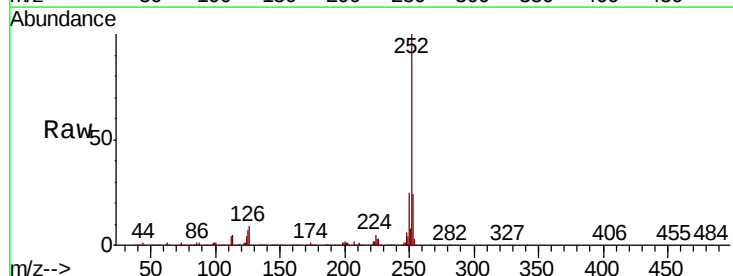
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	23.1	16.9	25.3

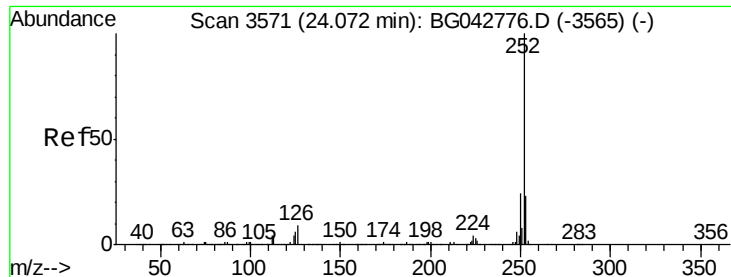


#88
Benzo(b)fluoranthene
Concen: 42.370 ng
RT: 23.99 min Scan# 3557
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion:252 Resp: 1432589

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	7.2	5.6	8.4

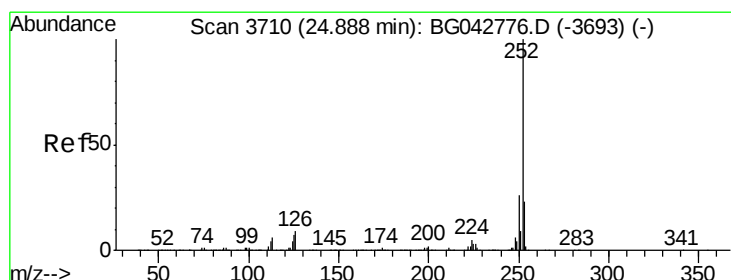
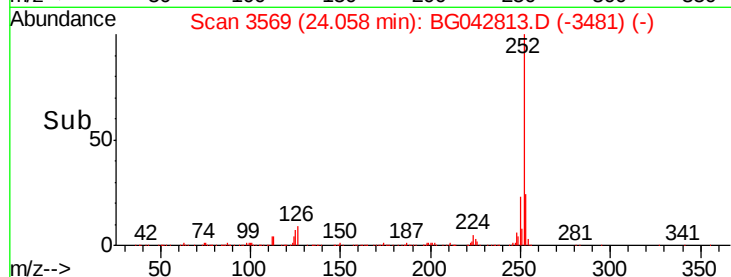
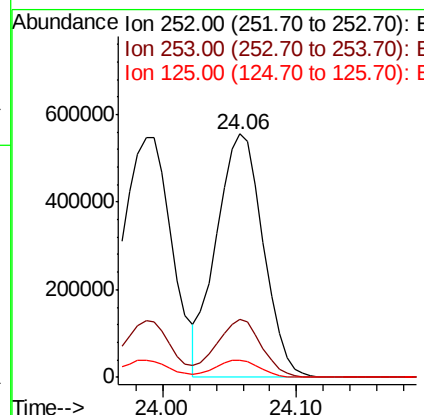
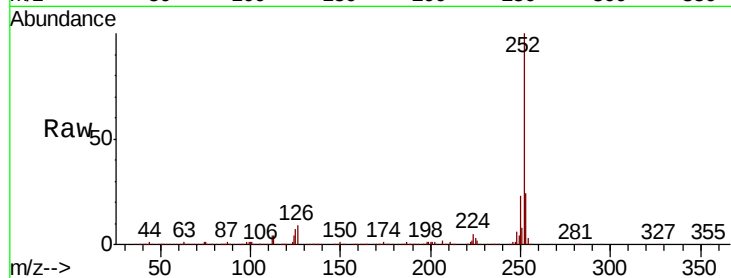




#89
Benzo(k)fluoranthene
Concen: 42.444 ng
RT: 24.06 min Scan# 3569
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

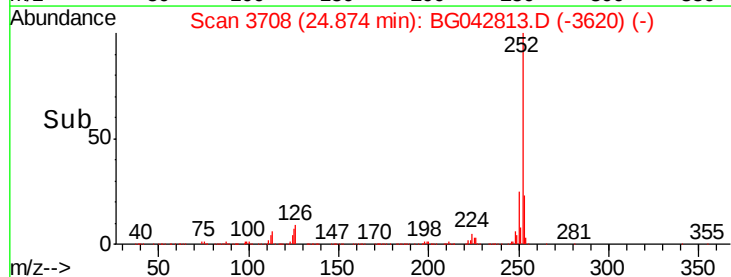
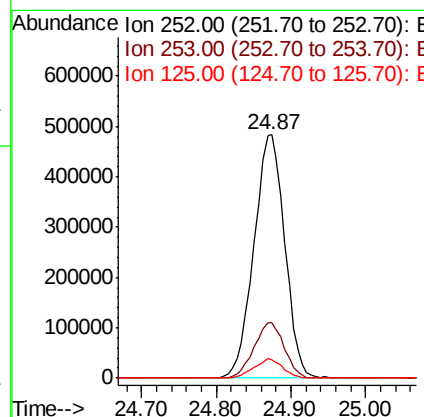
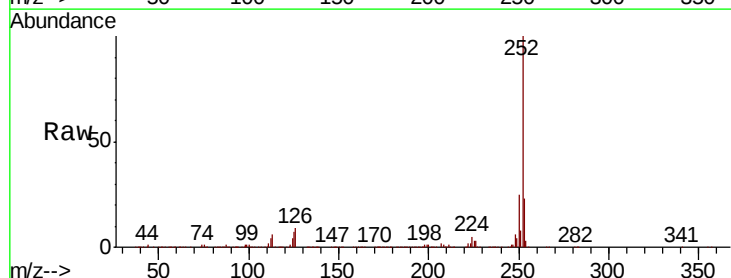
Instrument :
BNA_G
ClientSampleId :

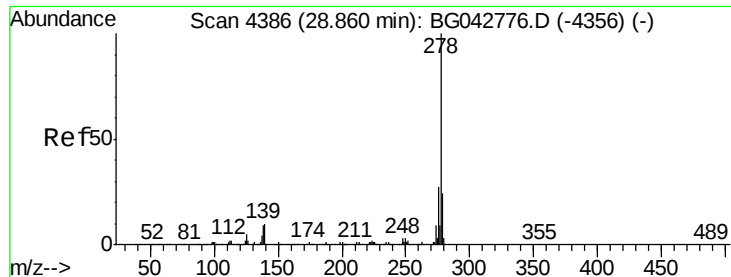
Tot Ion:252 Resp: 1355643
Ion Ratio Lower Upper
252 100
253 23.6 18.2 27.4
125 7.0 5.3 7.9



#90
Benzo(a)pyrene
Concen: 43.707 ng
RT: 24.87 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion:252 Resp: 1383766
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 7.4 5.7 8.5

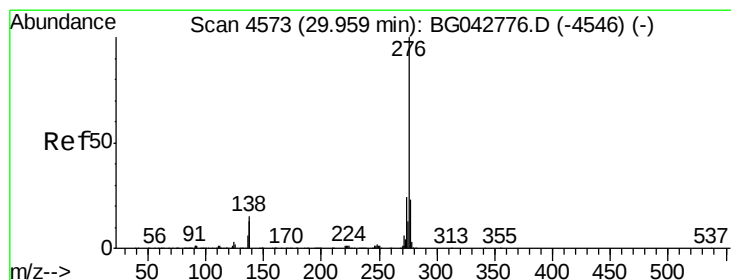
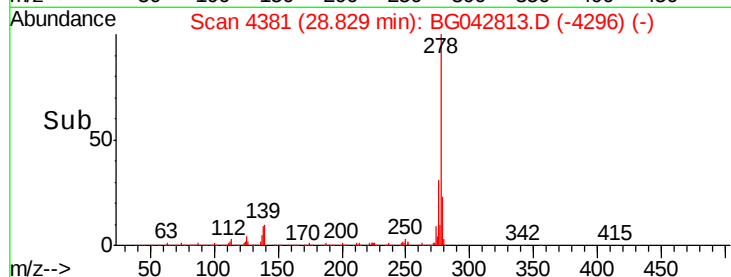
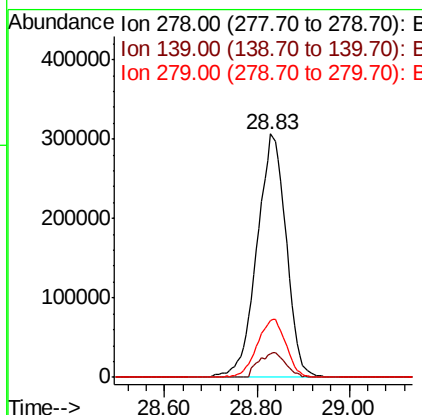
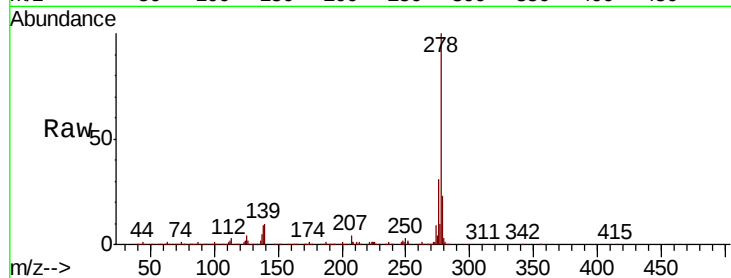




#91
 Dibenzo(a,h)anthracene
 Concen: 43.192 ng
 RT: 28.83 min Scan# 4381
 Delta R.T. -0.03 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:278 Resp: 1344961
 Ion Ratio Lower Upper
 278 100
 139 9.8 8.2 12.2
 279 23.3 19.4 29.2



#92
 Benzo(g,h,i)perylene
 Concen: 43.585 ng
 RT: 29.92 min Scan# 4567
 Delta R.T. -0.04 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Tgt Ion:276 Resp: 1323801
 Ion Ratio Lower Upper
 276 100
 277 24.8 18.4 27.6
 138 14.5 11.8 17.8

