

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042850.D
 Acq On : 16 Sep 2019 15:58
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 01:23:38 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	74995	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	314402	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	218818	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	563963	20.00	ng	0.00
76) Chrysene-d12	21.76	240	613590	20.00	ng	0.00
87) Perylene-d12	25.03	264	686114	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	363526	84.27	ng	0.00
7) Phenol-d6	7.27	99	508646	82.15	ng	0.00
23) Nitrobenzene-d5	9.28	82	496524	82.22	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	245617	84.37	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1109998	80.30	ng	0.00
79) Terphenyl-d14	20.09	244	2180862	78.77	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	82014	41.660	ng	98
3) Pyridine	3.99	79	248177	41.870	ng	98
4) n-Nitrosodimethylamine	3.89	42	111230	38.565	ng	81
6) Aniline	7.44	93	337288	40.377	ng	100
8) 2-Chlorophenol	7.68	128	190880	40.937	ng	97
9) Benzaldehyde	7.25	77	153995	38.220	ng	98
10) Phenol	7.30	94	262715	41.375	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	196757	40.376	ng	97
12) 1,3-Dichlorobenzene	8.01	146	234198	41.180	ng	98
13) 1,4-Dichlorobenzene	8.15	146	229888	40.375	ng	96
14) 1,2-Dichlorobenzene	8.48	146	216610	39.965	ng	99
15) Benzyl Alcohol	8.35	79	213070	40.100	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.65	45	411065	38.412	ng	97
17) 2-Methylphenol	8.55	107	175207	41.245	ng	97
18) Hexachloroethane	9.21	117	85876	40.852	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	183138	40.142	ng	94
20) 3+4-Methylphenols	8.88	107	236670	40.417	ng	96
22) Acetophenone	8.93	105	311396	39.217	ng	96
24) Nitrobenzene	9.32	77	260608	41.114	ng	98
25) Isophorone	9.85	82	498441	39.598	ng	99
26) 2-Nitrophenol	10.03	139	105774	42.436	ng	93
27) 2,4-Dimethylphenol	10.09	122	175018	39.694	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	280022	39.890	ng	# 98
29) 2,4-Dichlorophenol	10.57	162	204934	39.997	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	246049	39.333	ng	99
31) Naphthalene	10.98	128	619404	39.902	ng	99
32) Benzoic acid	10.20	122	134679	39.037	ng	90
33) 4-Chloroaniline	11.07	127	292133	40.264	ng	98
34) Hexachlorobutadiene	11.27	225	169194	38.603	ng	97
35) Caprolactam	11.84	113	84878	44.547	ng	88
36) 4-Chloro-3-methylphenol	12.18	107	227671	40.924	ng	98
37) 2-Methylnaphthalene	12.58	142	462120	39.741	ng	95
38) 1-Methylnaphthalene	12.79	142	438511	40.208	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	284005	39.277	ng	99

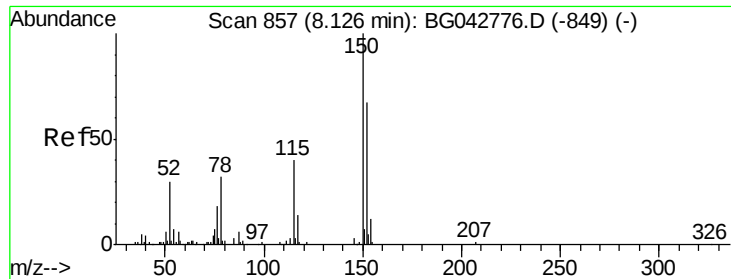
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042850.D
 Acq On : 16 Sep 2019 15:58
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 01:23:38 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)
41) Hexachlorocyclopentadiene	12.92	237	166958	40.306	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	192185	39.923	ng	95
44) 2,4,5-Trichlorophenol	13.24	196	200152	40.592	ng	95
46) 1,1'-Biphenyl	13.58	154	611806	39.939	ng	98
47) 2-Chloronaphthalene	13.62	162	506949	40.006	ng	98
48) 2-Nitroaniline	13.81	65	199721	45.434	ng	98
49) Acenaphthylene	14.46	152	790595	40.826	ng	99
50) Dimethylphthalate	14.19	163	682645	41.645	ng	99
51) 2,6-Dinitrotoluene	14.30	165	150923	44.870	ng	87
52) Acenaphthene	14.80	154	516505	40.827	ng	98
53) 3-Nitroaniline	14.63	138	169648	44.940	ng	93
54) 2,4-Dinitrophenol	14.83	184	79087	47.763	ng	85
55) Dibenzofuran	15.13	168	768266	40.856	ng	99
56) 4-Nitrophenol	14.92	139	138203	47.350	ng	95
57) 2,4-Dinitrotoluene	15.08	165	217165	48.439	ng	# 99
58) Fluorene	15.79	166	643449	41.288	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	205531	42.999	ng	97
60) Diethylphthalate	15.55	149	696836	41.879	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	373237	40.505	ng	96
62) 4-Nitroaniline	15.79	138	190184	46.739	ng	96
63) Azobenzene	16.07	77	666753	41.612	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	110261	45.693	ng	97
66) n-Nitrosodiphenylamine	15.99	169	581426	38.313	ng	100
67) 4-Bromophenyl-phenylether	16.67	248	256689	37.604	ng	98
68) Hexachlorobenzene	16.79	284	274417	37.623	ng	99
69) Atrazine	16.93	200	189061	35.775	ng	97
70) Pentachlorophenol	17.12	266	176983	40.903	ng	91
71) Phenanthrene	17.52	178	1088892	40.373	ng	100
72) Anthracene	17.61	178	1091593	40.511	ng	98
73) Carbazole	17.88	167	1075886	42.010	ng	97
74) Di-n-butylphthalate	18.44	149	1295624	42.232	ng	99
75) Fluoranthene	19.53	202	1505428	43.068	ng	99
77) Benzidine	19.70	184	645739	37.668	ng	99
78) Pyrene	19.89	202	1526319	39.733	ng	99
80) Butylbenzylphthalate	20.77	149	638123	41.045	ng	100
81) Benzo(a)anthracene	21.74	228	1544941	39.601	ng	98
82) 3,3'-Dichlorobenzidine	21.65	252	600506	39.608	ng	99
83) Chrysene	21.81	228	1471999	39.833	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	867935	40.858	ng	98
85) Di-n-octyl phthalate	22.89	149	1472347	40.657	ng	99
86) Indeno(1,2,3-cd)pyrene	28.77	276	1825348	39.887	ng	# 89
88) Benzo(b)fluoranthene	24.00	252	1596462	39.627	ng	99
89) Benzo(k)fluoranthene	24.06	252	1546907	40.648	ng	98
90) Benzo(a)pyrene	24.88	252	1511268	40.062	ng	99
91) Dibenzo(a,h)anthracene	28.84	278	1486730	40.071	ng	98
92) Benzo(g,h,i)perylene	29.95	276	1447268	39.991	ng	98

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

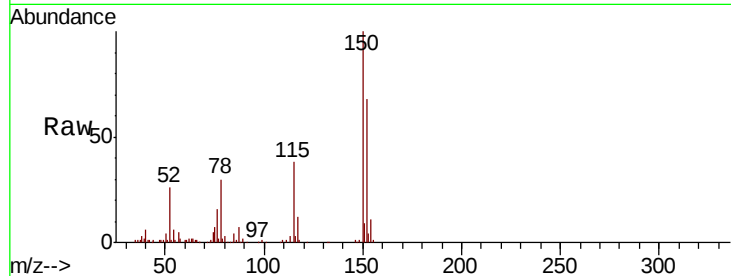


#1

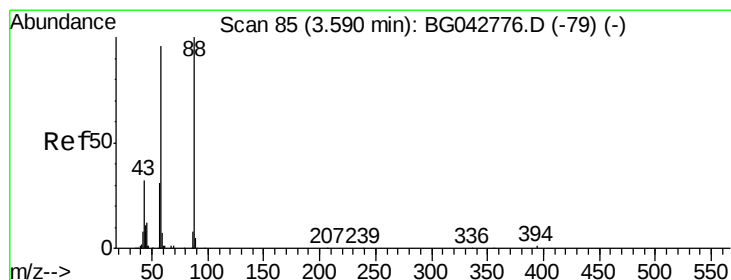
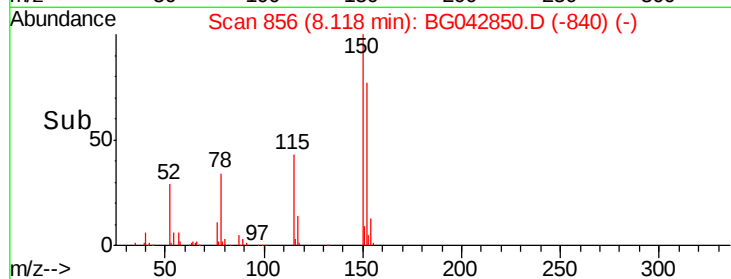
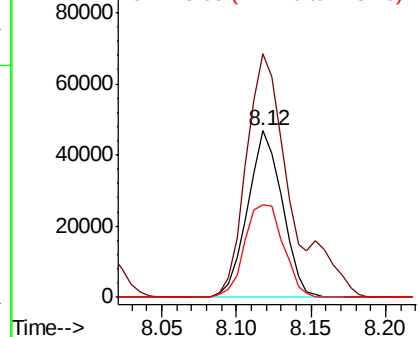
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.2	118.9	178.3
115	55.6	47.4	71.2



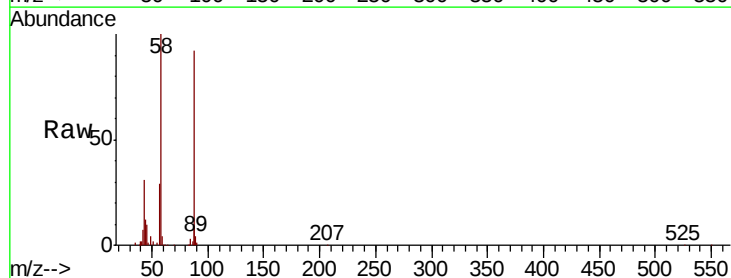
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



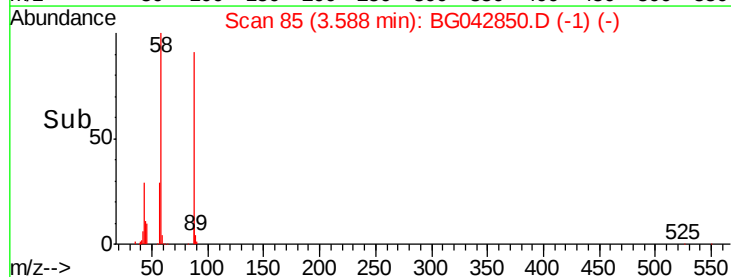
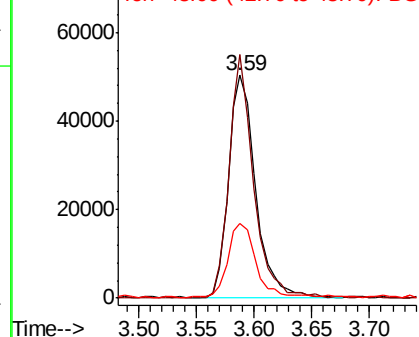
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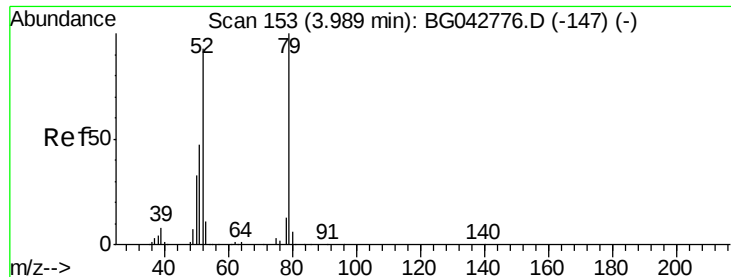
1,4-Dioxane
Concen: 41.660 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.00 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.1	79.1	118.7
43	35.4	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: 41.870 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Instrument :

BNA_G

ClientSampleId :

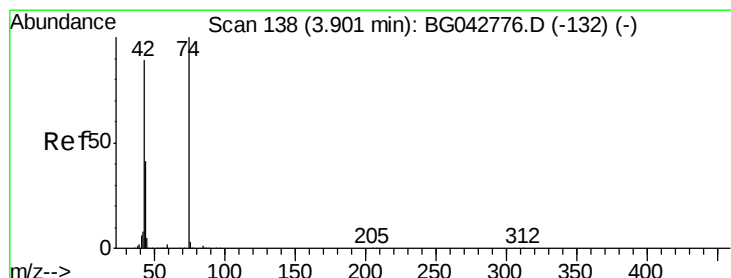
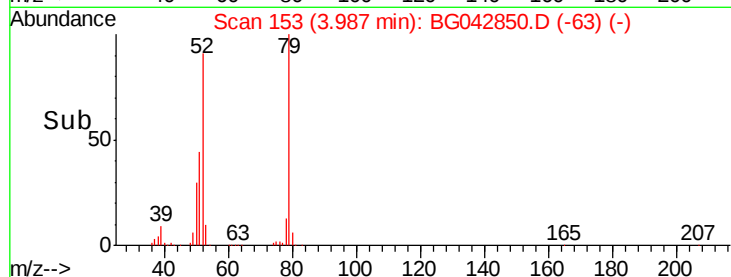
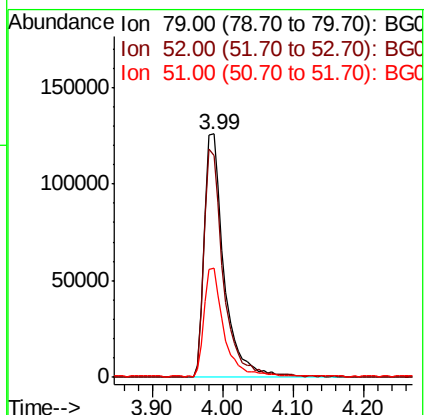
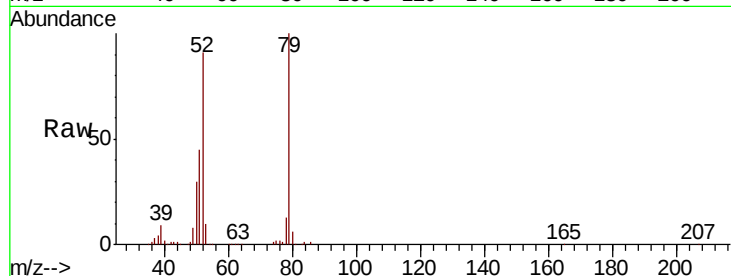
Tot Ion: 79 Resp: 248177

Ion Ratio Lower Upper

79 100

52 91.2 74.0 111.0

51 45.0 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 38.565 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

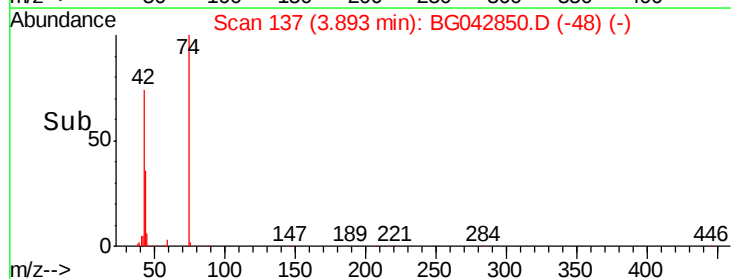
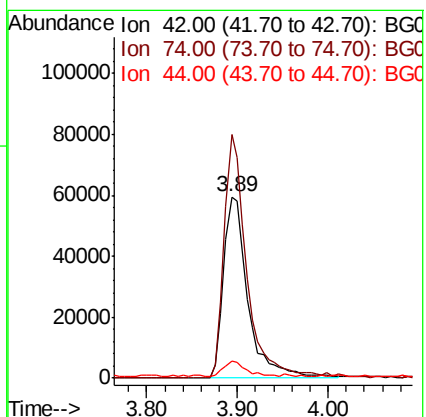
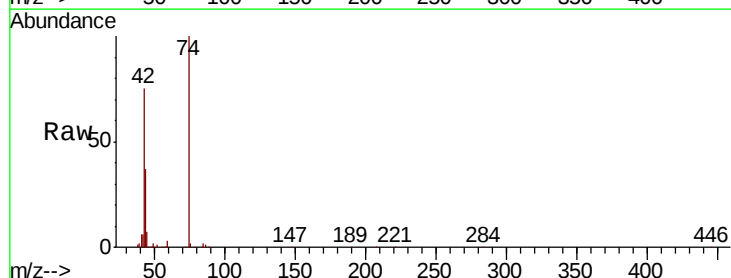
Tgt Ion: 42 Resp: 111230

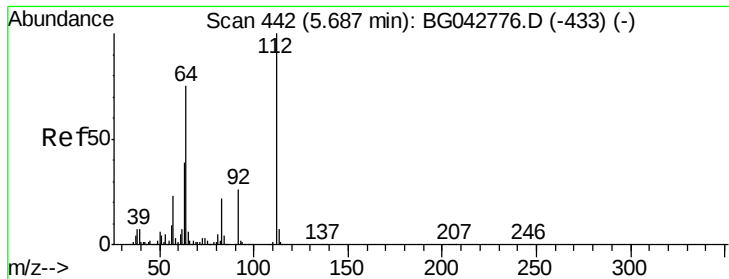
Ion Ratio Lower Upper

42 100

74 134.2 90.2 135.2

44 9.4 6.6 9.8





#5

2-Fluorophenol

Concen: 84.273 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

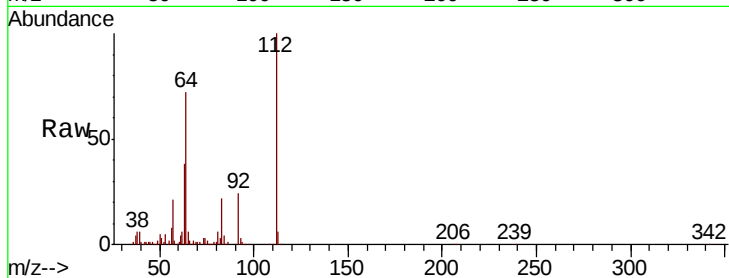
Instrument :

BNA_G

ClientSampleId :

Tot Ion:112 Resp: 363526

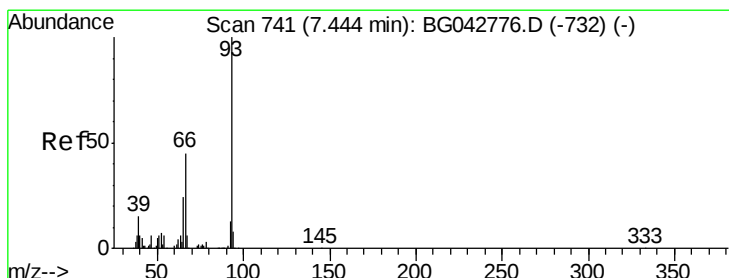
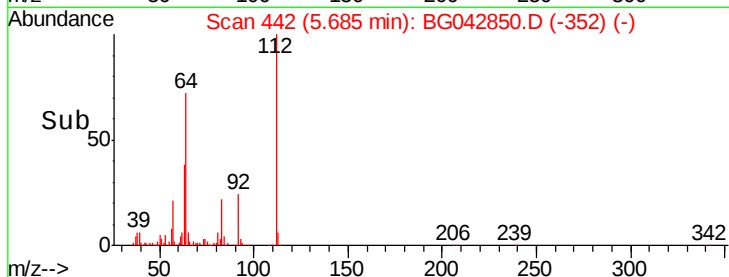
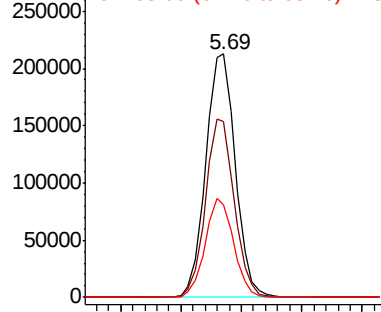
Ion	Ratio	Lower	Upper
112	100		
64	72.4	60.2	90.2
63	37.9	31.2	46.8



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: 40.377 ng

RT: 7.44 min Scan# 740

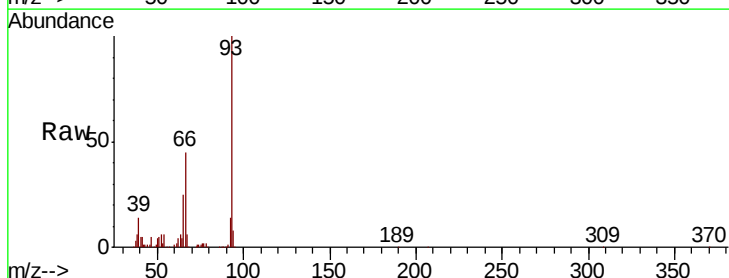
Delta R.T. -0.01 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Tgt Ion: 93 Resp: 337288

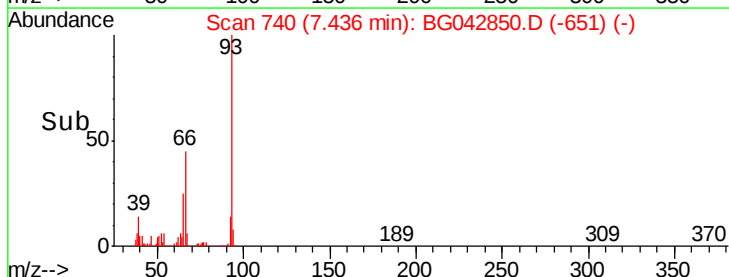
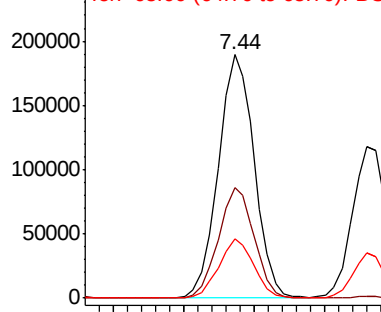
Ion	Ratio	Lower	Upper
93	100		
66	45.4	36.3	54.5
65	24.6	19.3	28.9

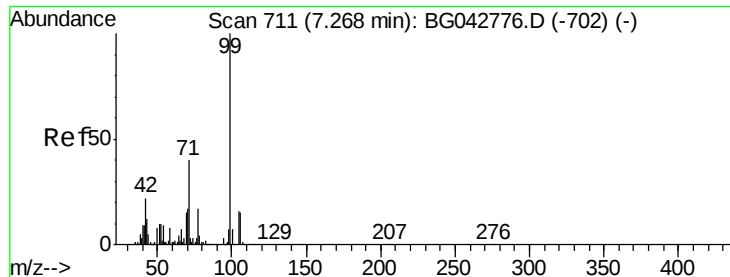


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.152 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Instrument :

BNA_G

ClientSampleId :

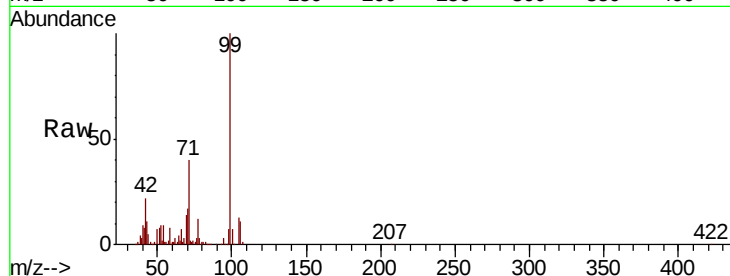
Tot Ion: 99 Resp: 508646

Ion Ratio Lower Upper

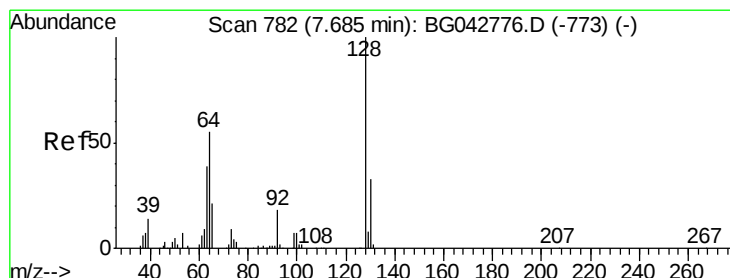
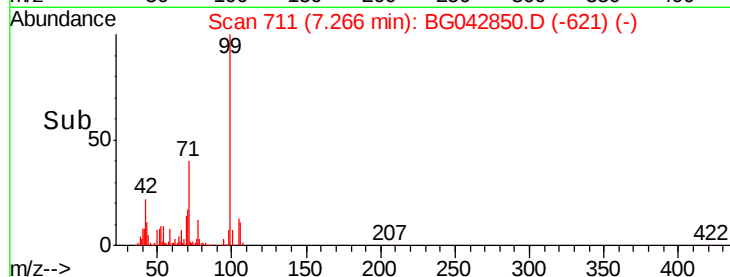
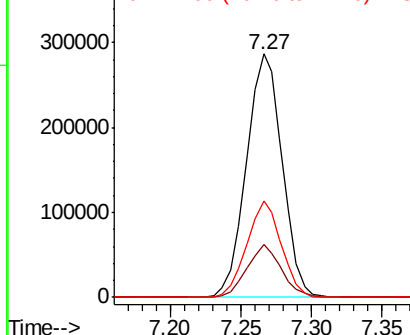
99 100

42 21.7 17.5 26.3

71 39.7 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: 40.937 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

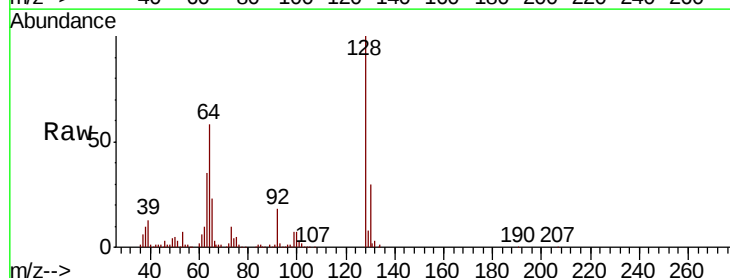
Tgt Ion: 128 Resp: 190880

Ion Ratio Lower Upper

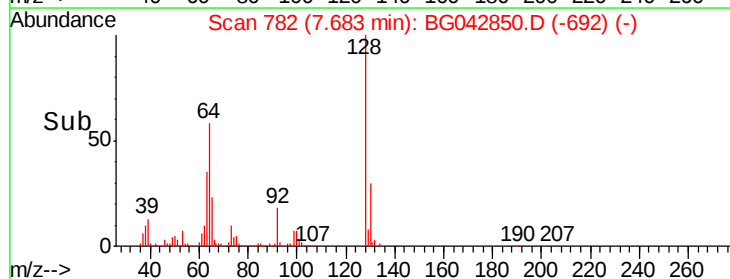
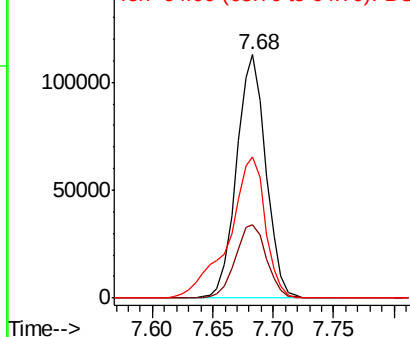
128 100

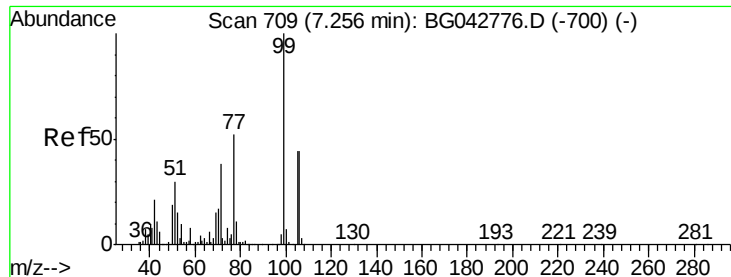
130 30.4 12.8 52.8

64 58.2 36.8 76.8



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





#9

Benzaldehyde

Concen: 38.220 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Instrument :

BNA_G

ClientSampled :

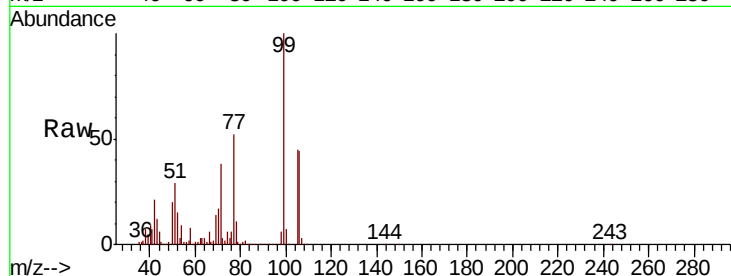
Tot Ion: 77 Resp: 153995

Ion Ratio Lower Upper

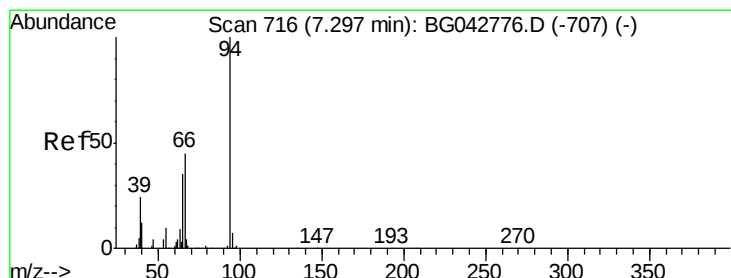
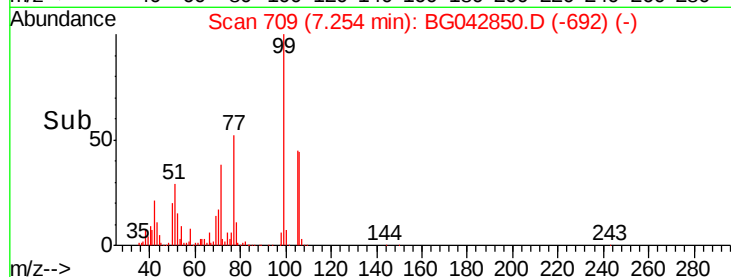
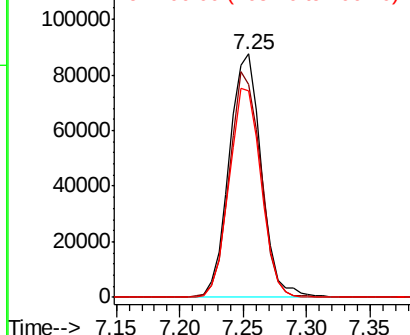
77 100

105 87.2 64.5 104.5

106 84.7 63.4 103.4



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



#10

Phenol

Concen: 41.375 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

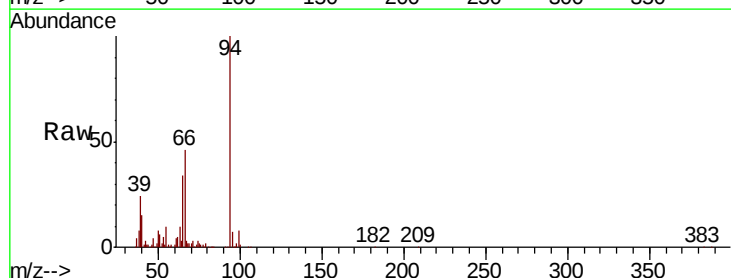
Tgt Ion: 94 Resp: 262715

Ion Ratio Lower Upper

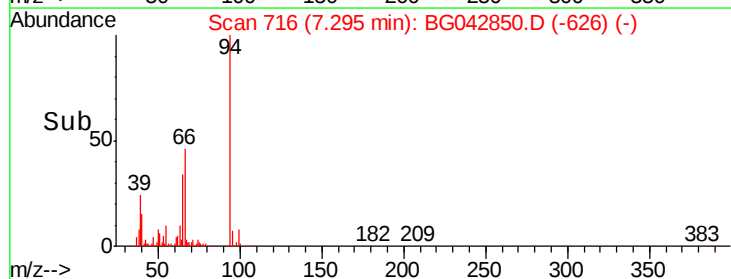
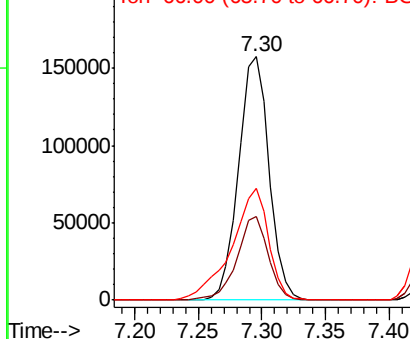
94 100

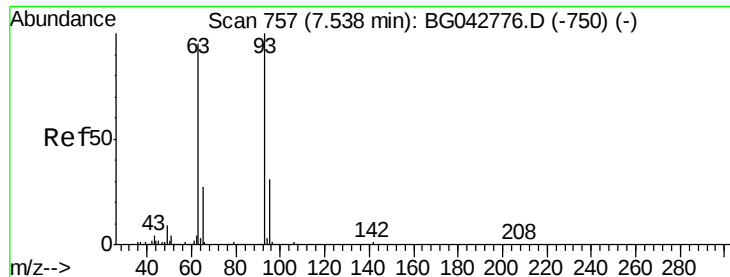
65 34.3 15.0 55.0

66 46.1 26.1 66.1



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

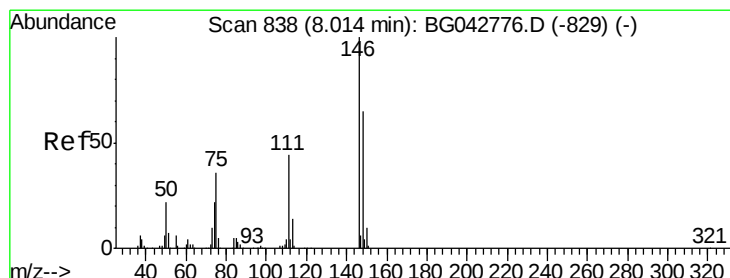
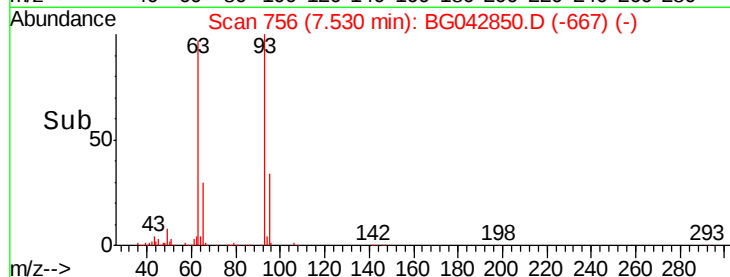
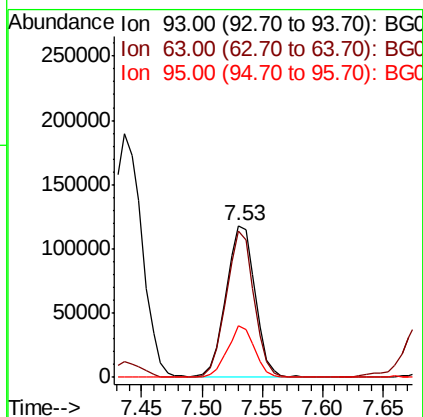
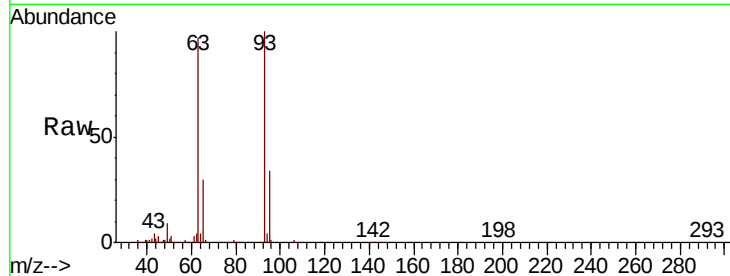




#11
bis(2-Chloroethyl)ether
Concen: 40.376 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

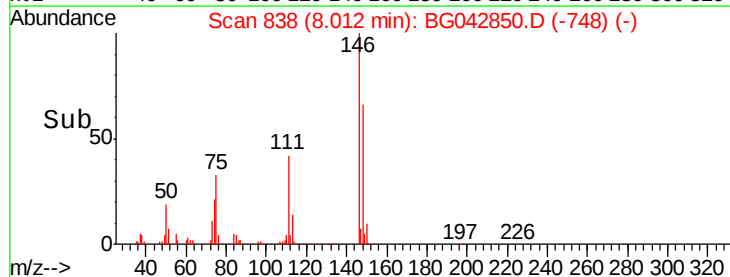
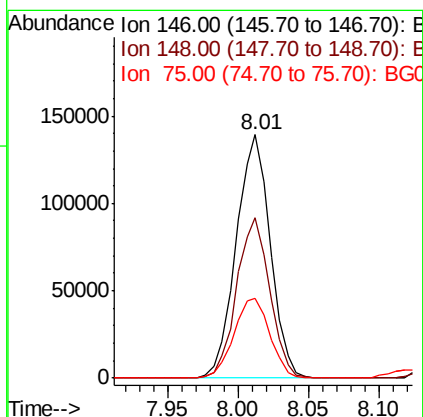
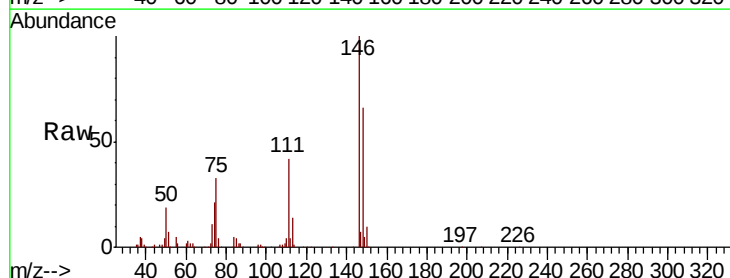
Instrument :
BNA_G
ClientSampleId :

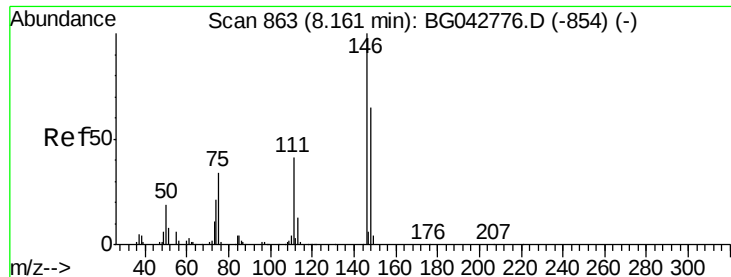
Tot Ion: 93 Resp: 196757
Ion Ratio Lower Upper
93 100
63 96.7 74.7 114.7
95 33.7 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 41.180 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

Tgt Ion: 146 Resp: 234198
Ion Ratio Lower Upper
146 100
148 65.8 51.9 77.9
75 32.9 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 40.375 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Instrument :

BNA_G

ClientSampleId :

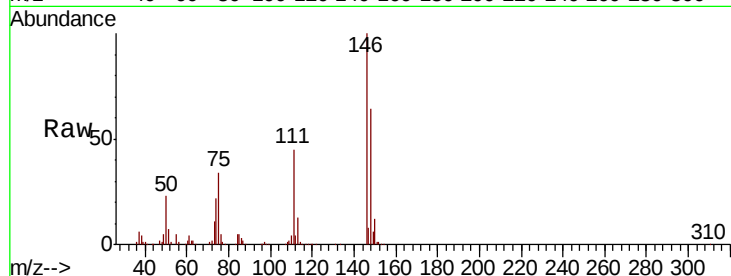
Tot Ion:146 Resp: 229888

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.4

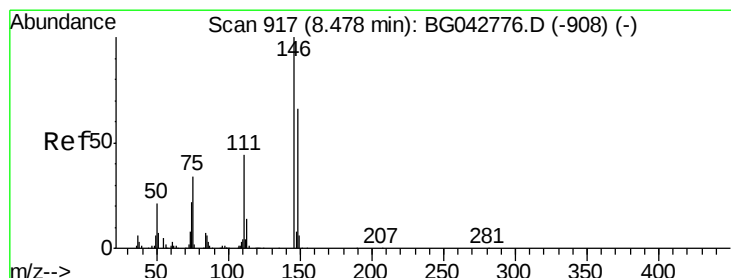
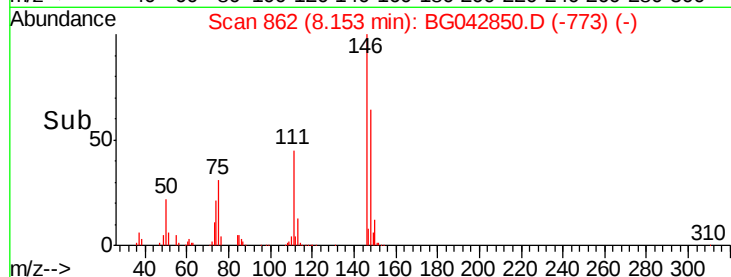
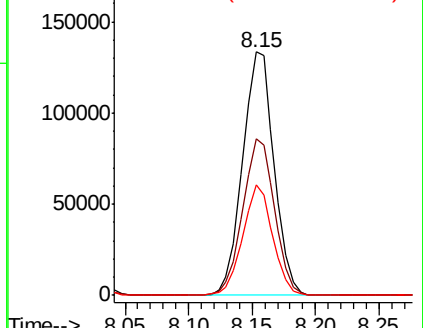
111 45.4 32.6 49.0



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: 39.965 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

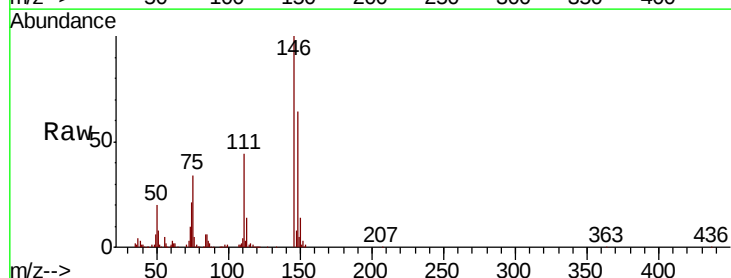
Tgt Ion:146 Resp: 216610

Ion Ratio Lower Upper

146 100

148 64.1 52.6 78.8

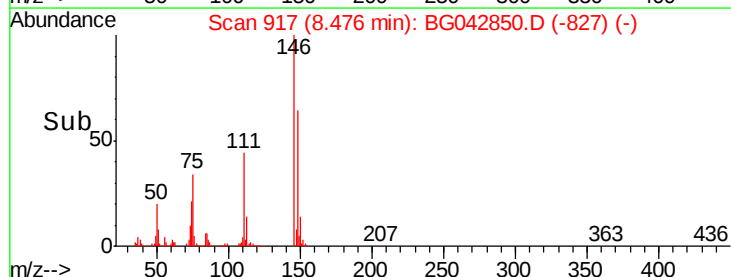
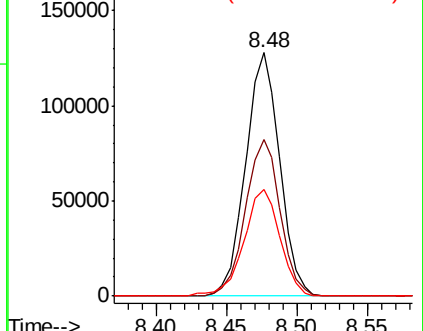
111 43.8 35.3 52.9

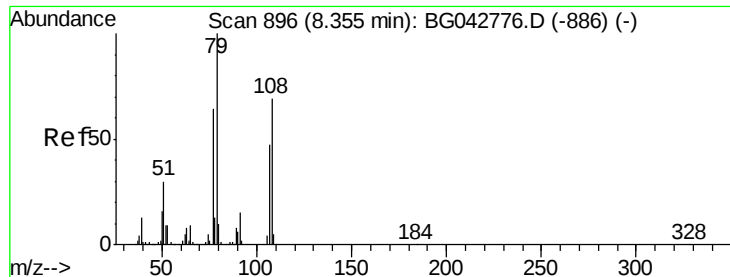


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.100 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Instrument :

BNA_G

ClientSampled :

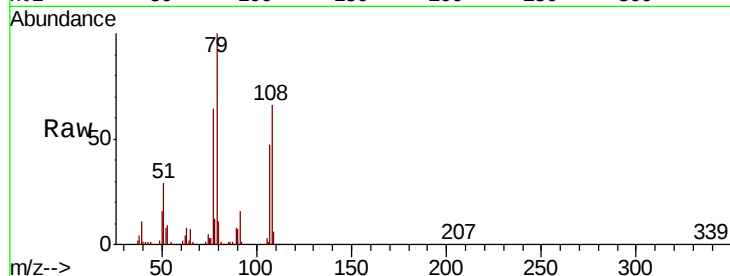
Tot Ion: 79 Resp: 213070

Ion Ratio Lower Upper

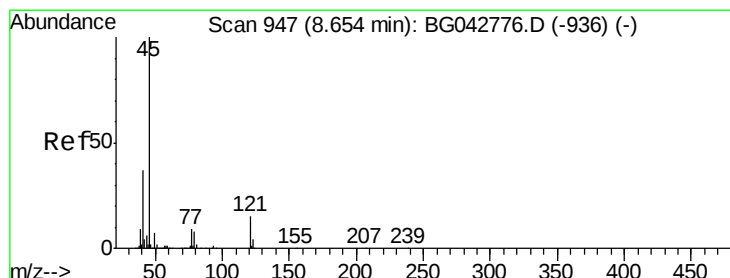
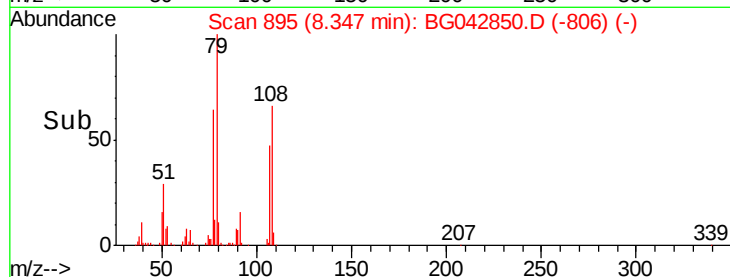
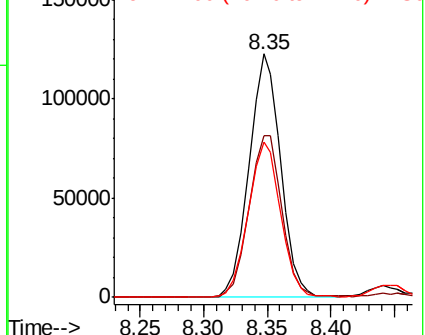
79 100

108 66.4 54.9 82.3

77 63.9 51.0 76.6



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.412 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

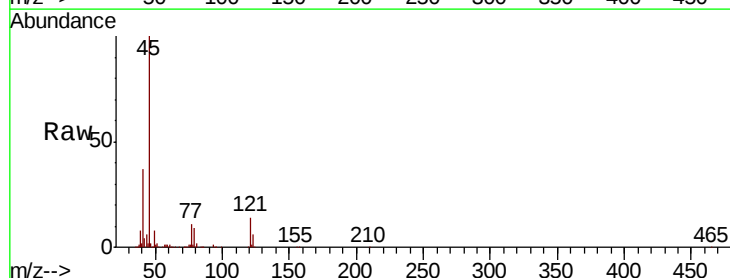
Tgt Ion: 45 Resp: 411065

Ion Ratio Lower Upper

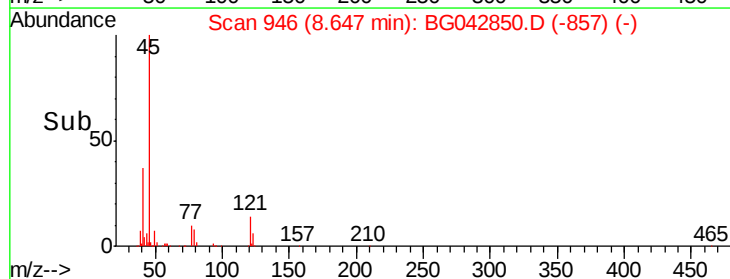
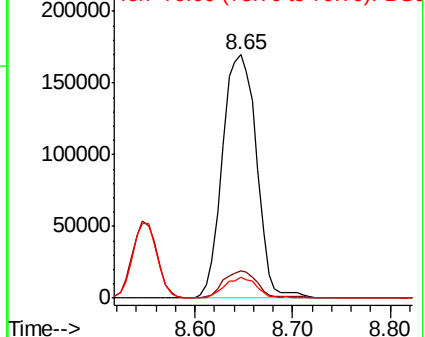
45 100

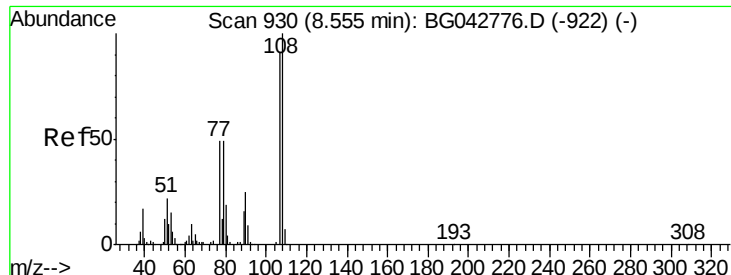
77 11.1 0.0 29.4

79 8.8 0.0 28.4



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 41.245 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 175207

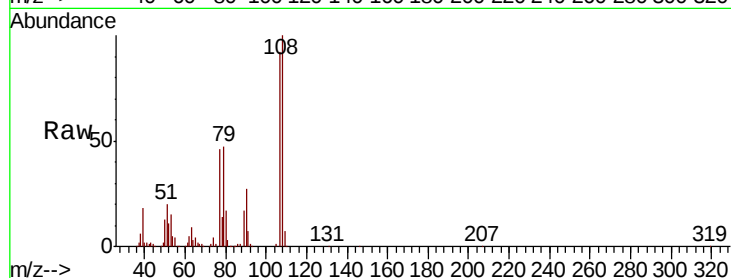
Ion Ratio Lower Upper

107 100

108 108.6 87.7 131.5

77 49.5 42.6 64.0

79 50.8 43.4 65.2

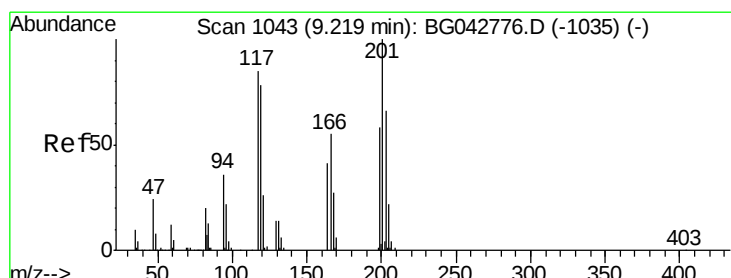
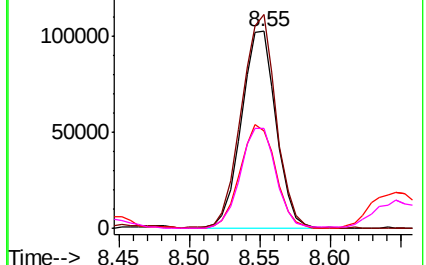
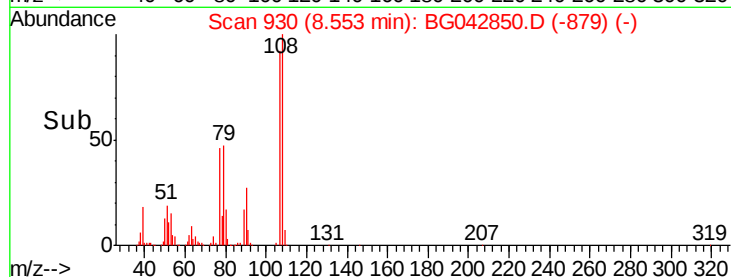


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.852 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

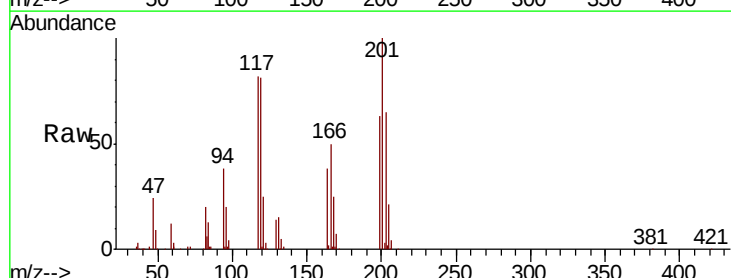
Tgt Ion:117 Resp: 85876

Ion Ratio Lower Upper

117 100

119 98.7 73.8 110.8

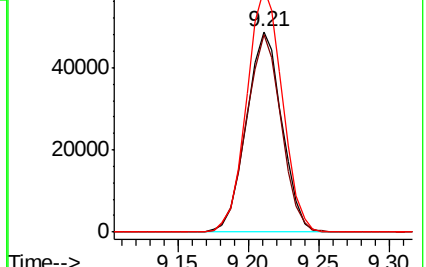
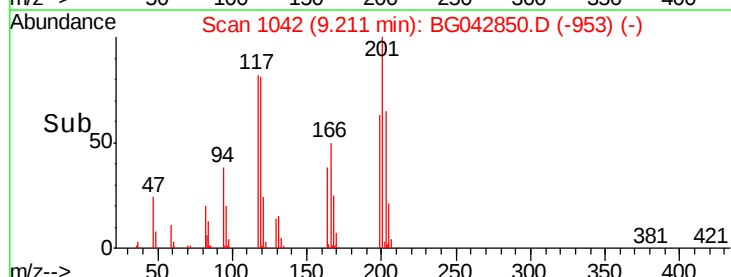
201 121.4 94.6 142.0

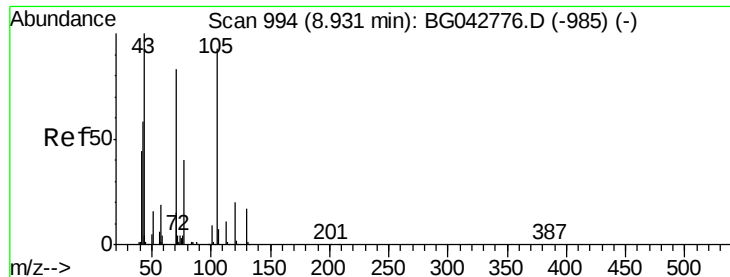


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.142 ng

RT: 8.92 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 183138

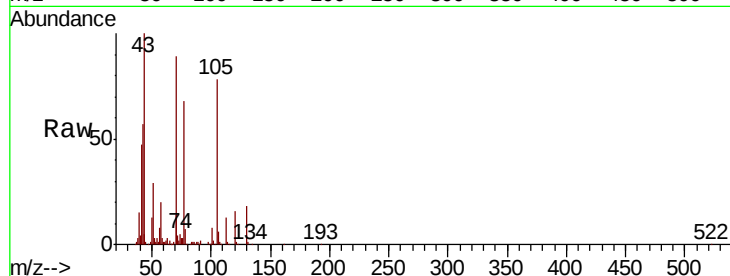
Ion Ratio Lower Upper

70 100

42 64.4 57.0 85.6

101 9.4 8.4 12.6

130 19.8 16.1 24.1

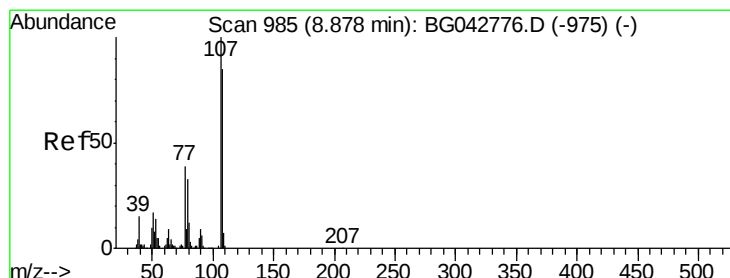
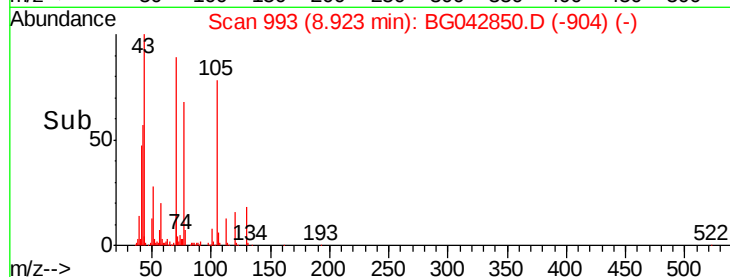
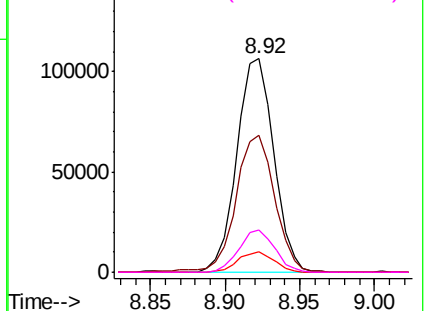


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 40.417 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Tgt Ion: 107 Resp: 236670

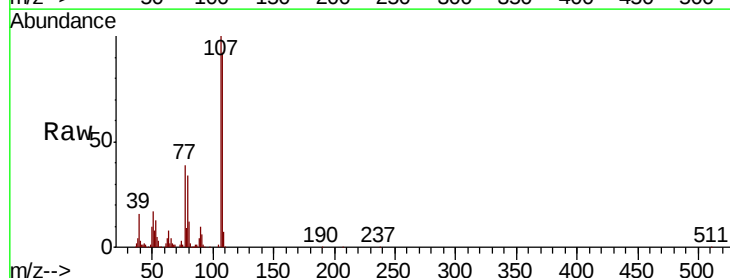
Ion Ratio Lower Upper

107 100

108 91.6 65.4 105.4

77 38.5 18.7 58.7

79 34.2 13.7 53.7

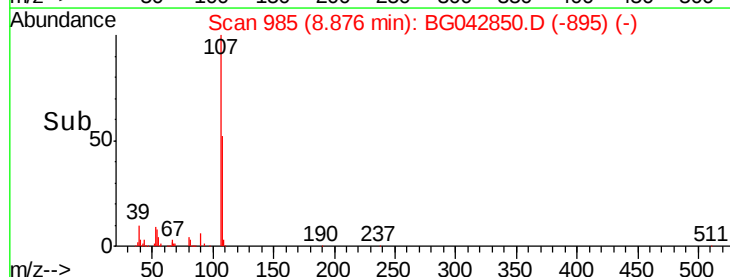
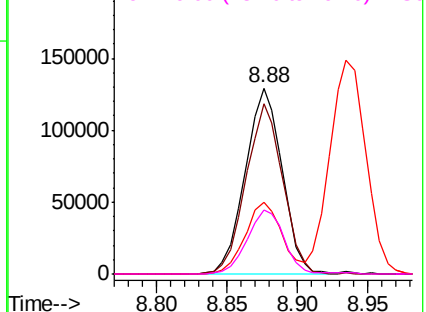


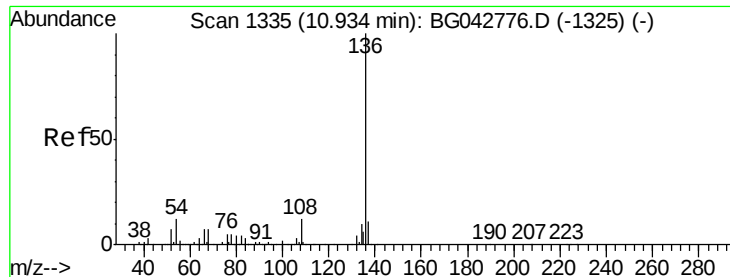
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

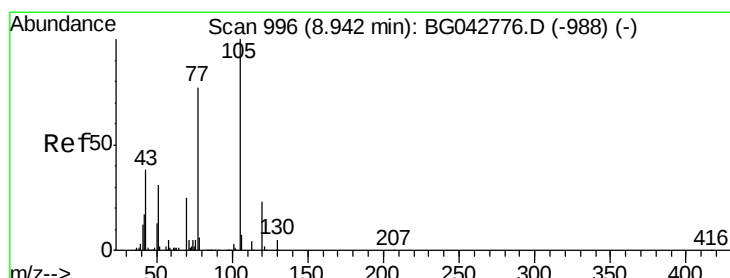
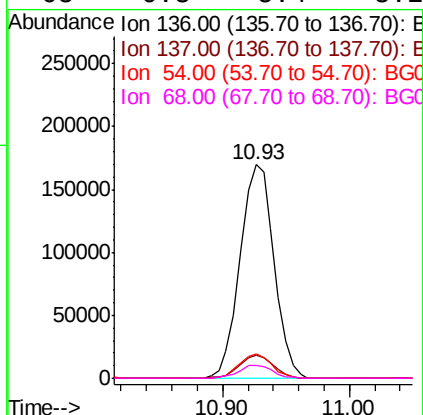
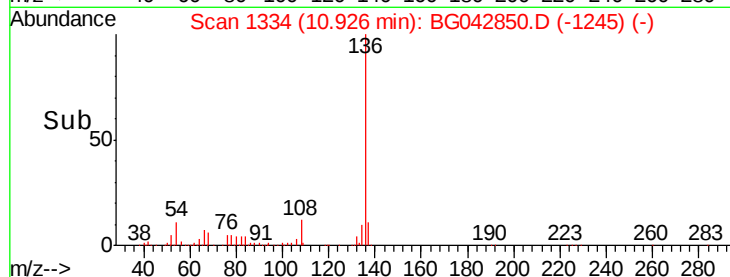
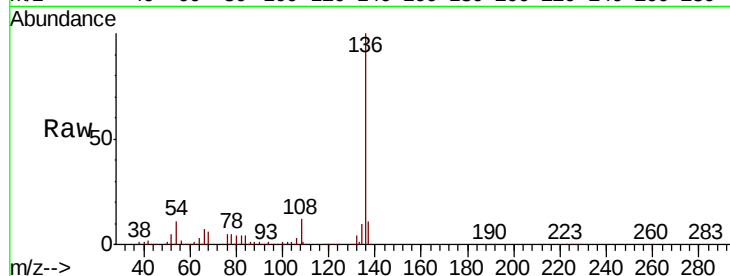




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

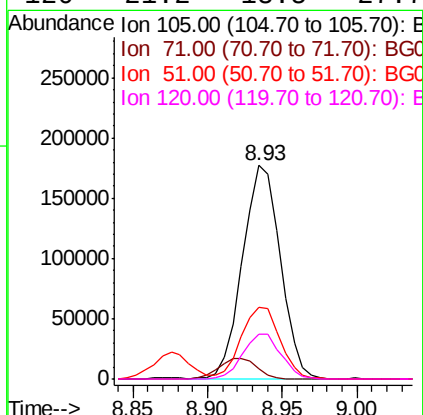
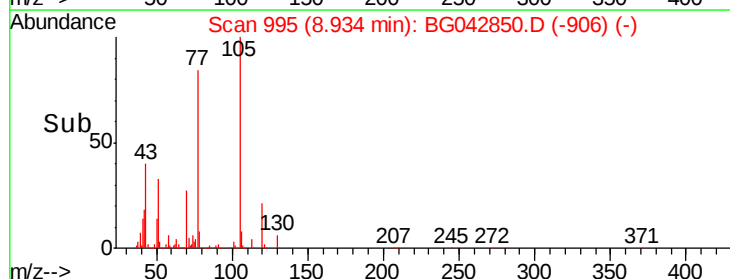
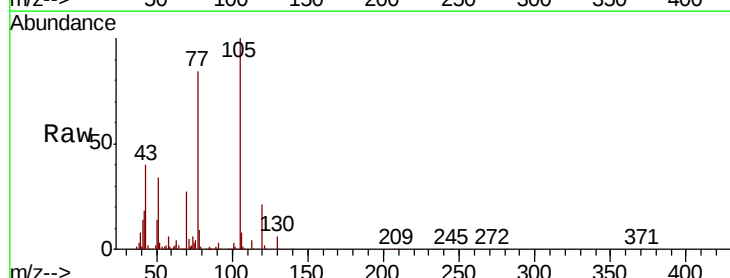
Instrument :
BNA_G
ClientSampleId :

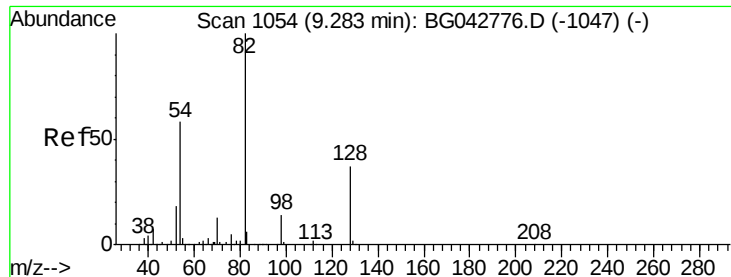
Tot Ion:136	Resp:	314402
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	11.2	9.4 14.0
68	6.3	5.4 8.2



#22
Acetophenone
Concen: 39.217 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

Tgt Ion:105	Resp:	311396
Ion Ratio	Lower	Upper
105	100	
71	4.6	3.7 5.5
51	33.7	28.8 43.2
120	21.2	18.5 27.7

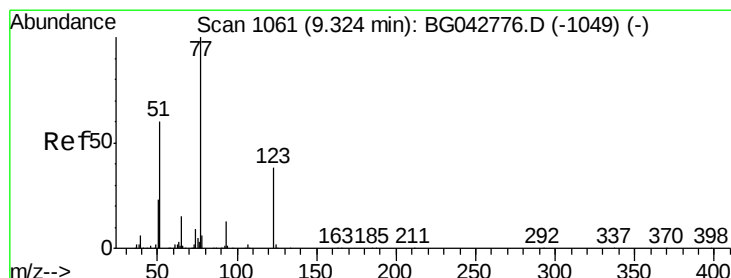
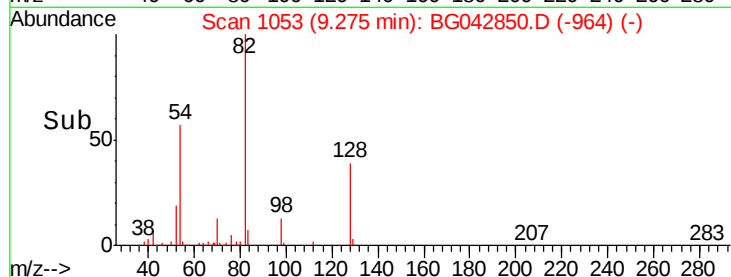
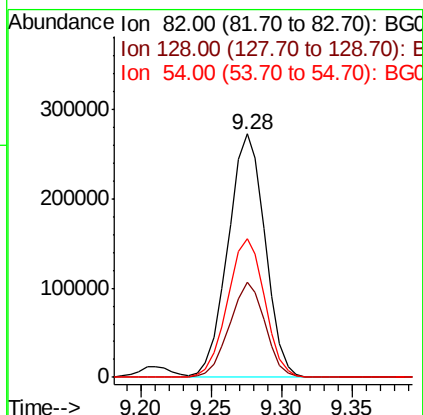
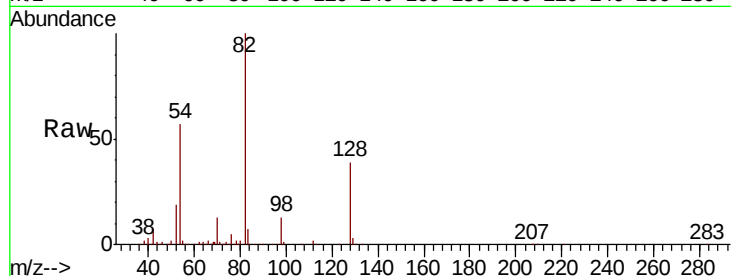




#23
 Nitrobenzene-d5
 Concen: 82.220 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

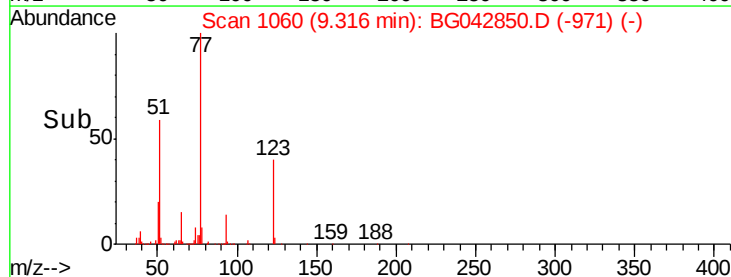
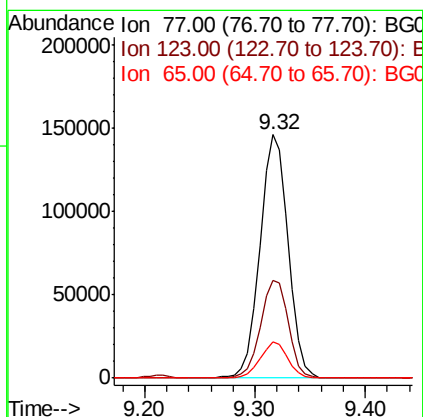
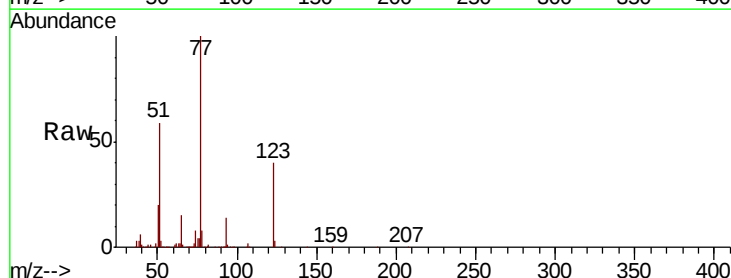
Instrument :
 BNA_G
 ClientSampleId :

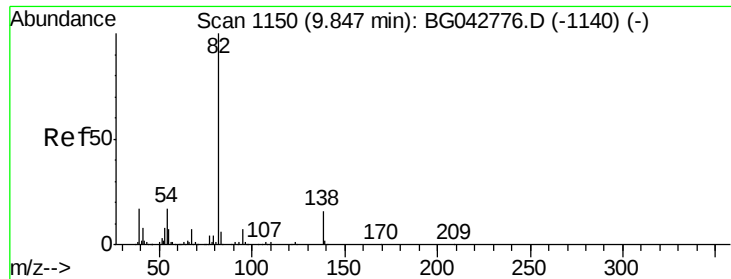
Tot Ion	82	Resp	496524
Ion Ratio	100	Lower	Upper
128	39.2	29.8	44.8
54	56.9	46.1	69.1



#24
 Nitrobenzene
 Concen: 41.114 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

Tgt Ion	77	Resp	260608
Ion Ratio	100	Lower	Upper
123	40.0	30.7	46.1
65	15.1	12.2	18.4





#25

Isophorone

Concen: 39.598 ng

RT: 9.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Instrument :

BNA_G

ClientSampleId :

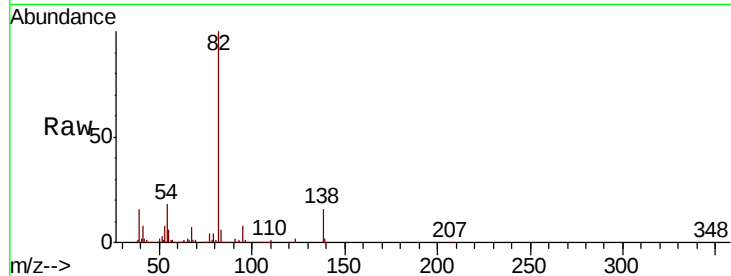
Tot Ion: 82 Resp: 498441

Ion Ratio Lower Upper

82 100

95 7.7 5.8 8.8

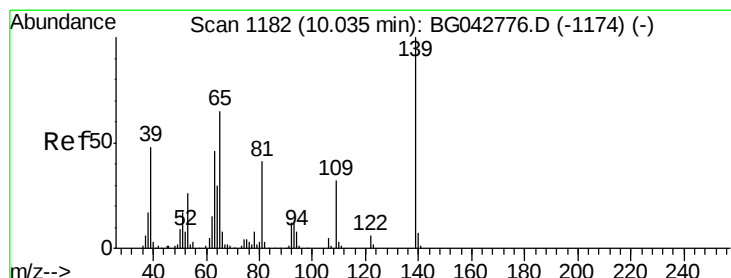
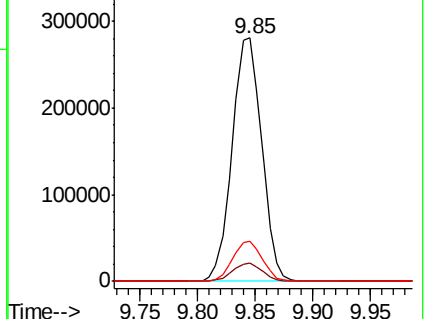
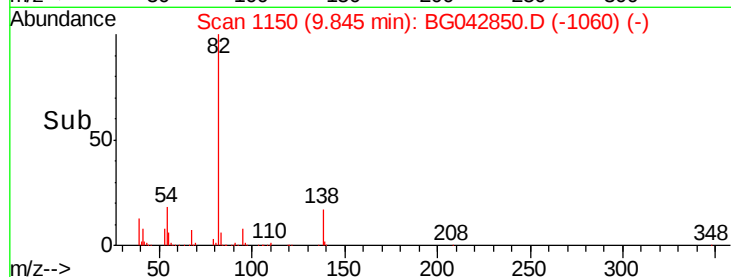
138 16.5 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BG042850.D (-1060) (-)

Ion 95.00 (94.70 to 95.70): BG042850.D (-1060) (-)

Ion 138.00 (137.70 to 138.70): BG042850.D (-1060) (-)



#26

2-Nitrophenol

Concen: 42.436 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

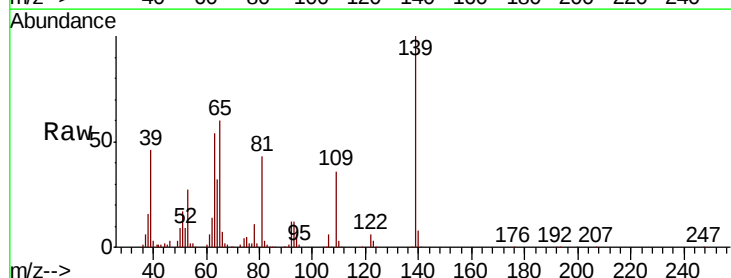
Tgt Ion: 139 Resp: 105774

Ion Ratio Lower Upper

139 100

109 36.3 25.8 38.8

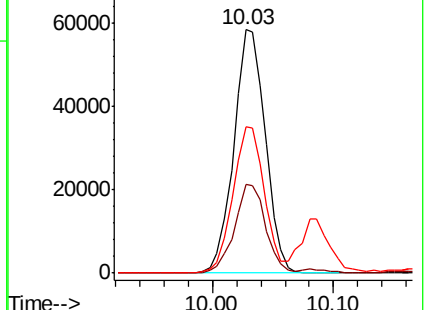
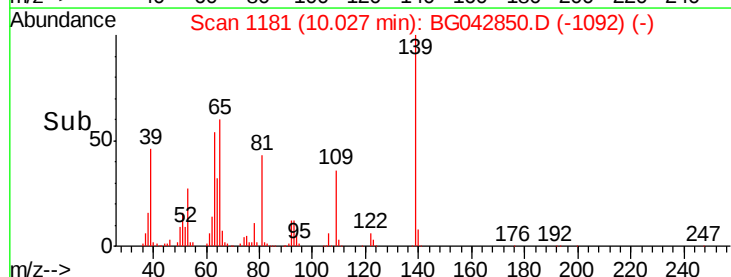
65 60.3 52.2 78.2

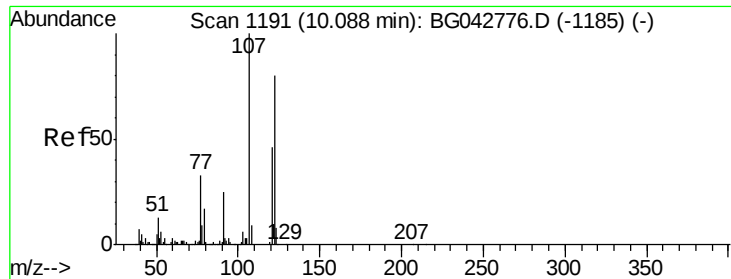


Abundance Ion 139.00 (138.70 to 139.70): BG042850.D (-1092) (-)

Ion 109.00 (108.70 to 109.70): BG042850.D (-1092) (-)

Ion 65.00 (64.70 to 65.70): BG042850.D (-1092) (-)

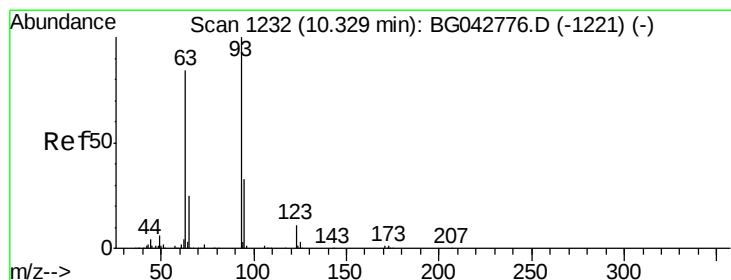
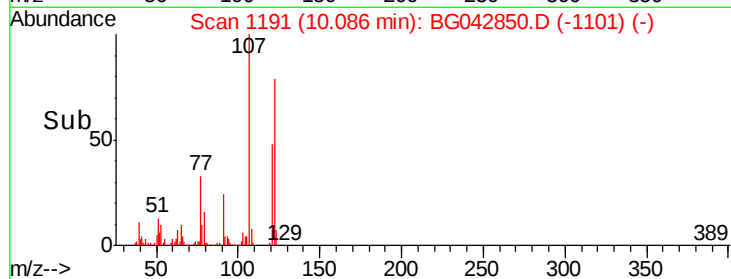
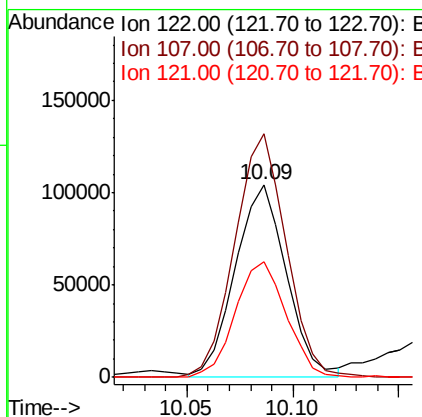
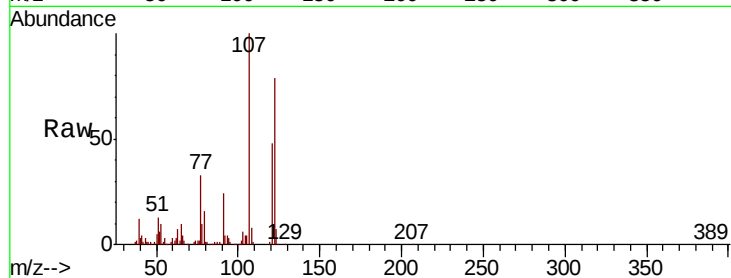




#27
2,4-Dimethylphenol
Concen: 39.694 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

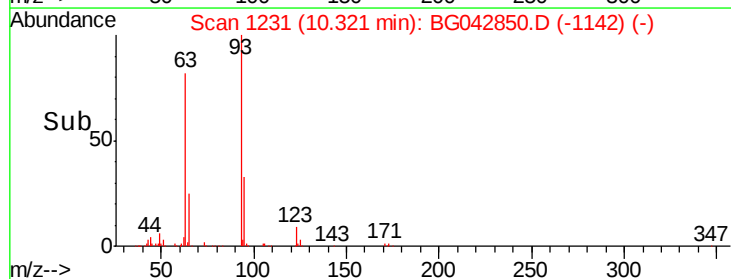
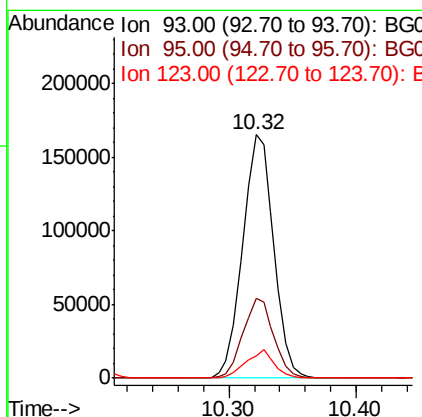
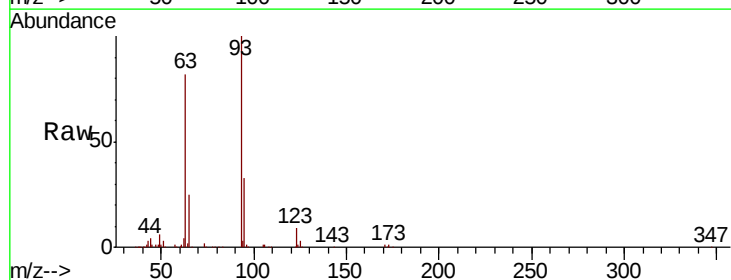
Instrument :
BNA_G
ClientSampleId :

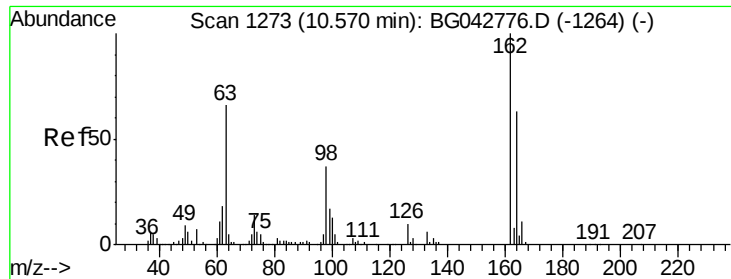
Tot Ion	Ratio	Lower	Upper
122	100		
107	126.3	98.9	148.3
121	60.0	46.2	69.2



#28
bis(2-Chloroethoxy)methane
Concen: 39.890 ng
RT: 10.32 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.6	40.0
123	9.0	9.0	13.6

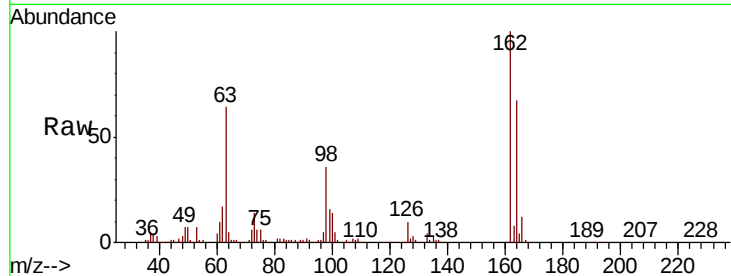




#29
 2,4-Dichlorophenol
 Concen: 39.997 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	43.4	83.4
98	36.2	17.0	57.0

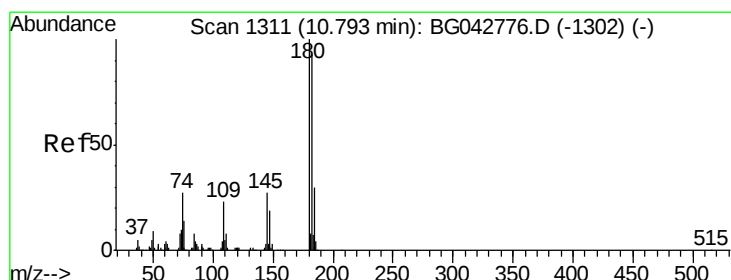
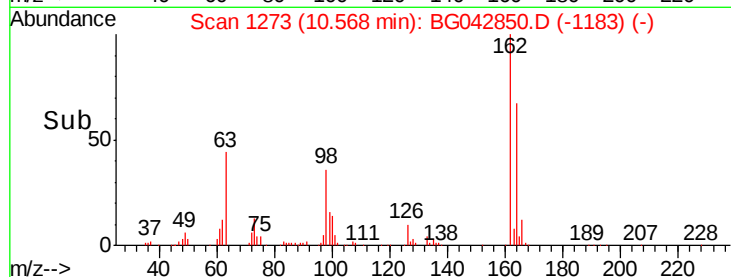
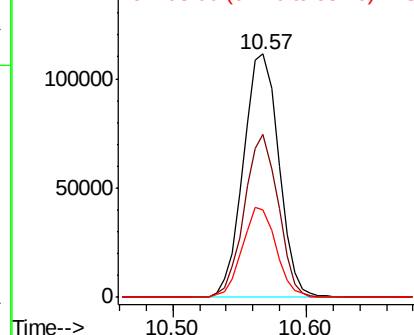


Abundance

Ion 162.00 (161.70 to 162.70): E

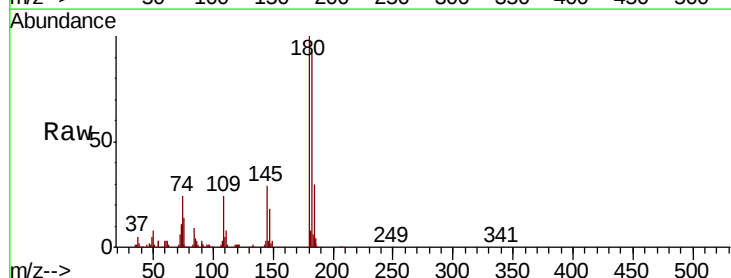
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 39.333 ng
 RT: 10.79 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	74.6	112.0
145	28.8	21.8	32.6

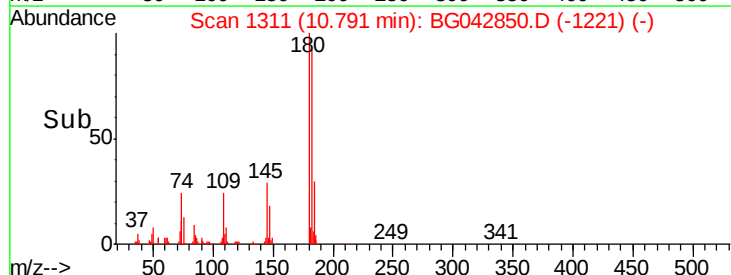
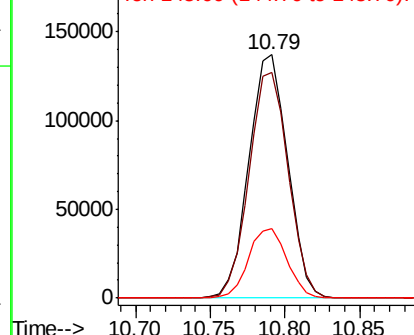


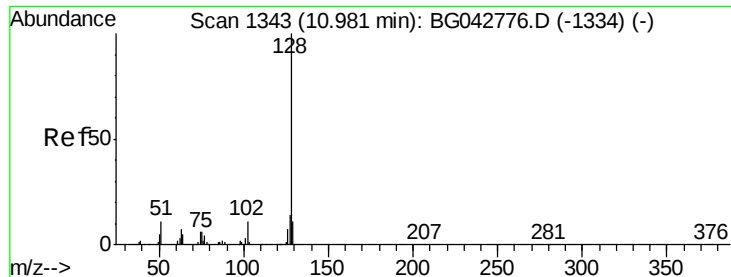
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

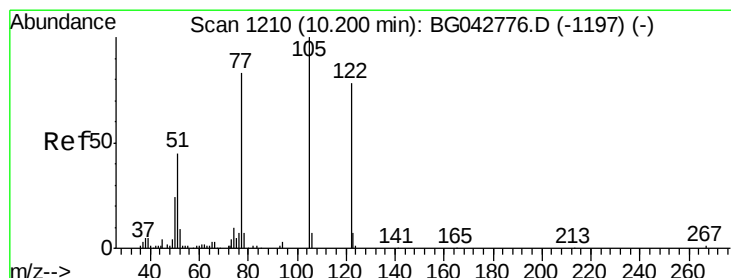
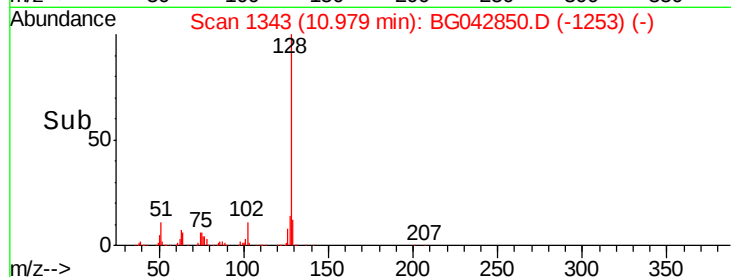
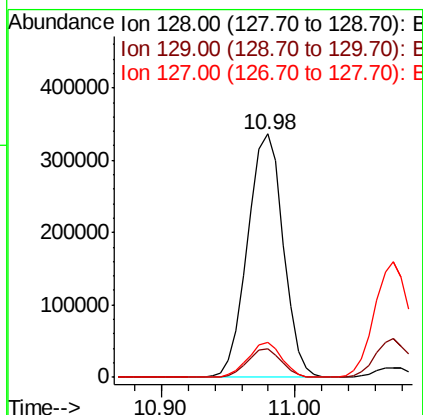
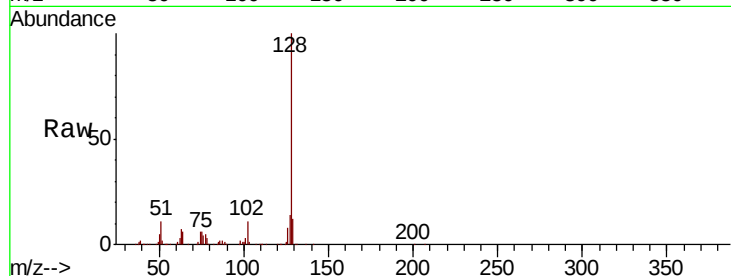




#31
Naphthalene
Concen: 39.902 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

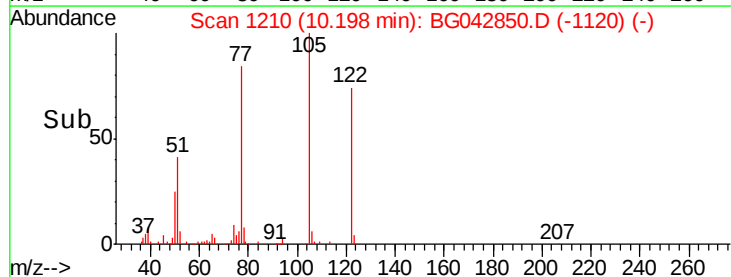
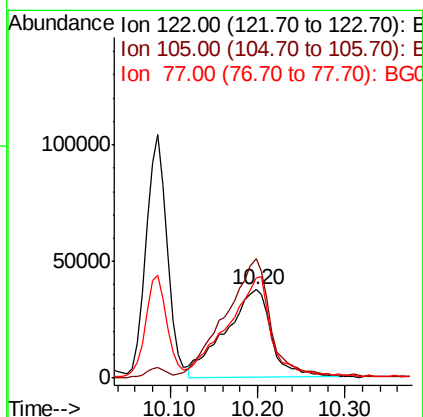
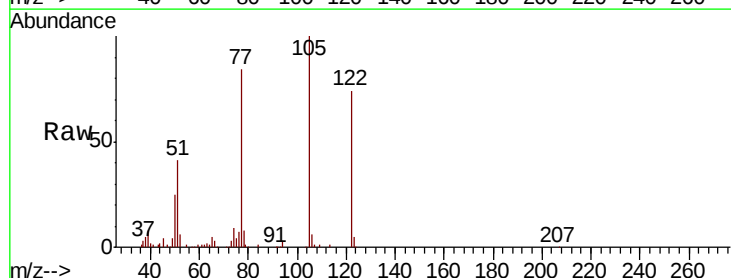
Instrument :
BNA_G
ClientSampleId :

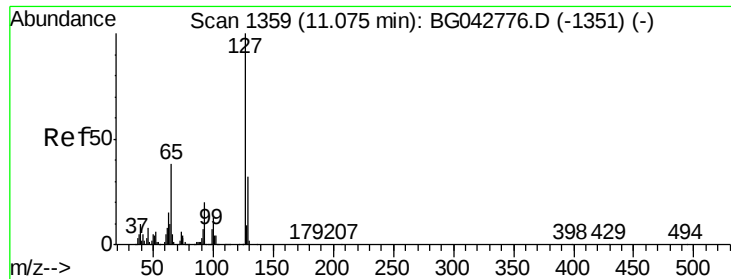
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	14.4	11.4	17.2



#32
Benzoic acid
Concen: 39.037 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.9	104.0	144.0
77	113.5	84.2	124.2

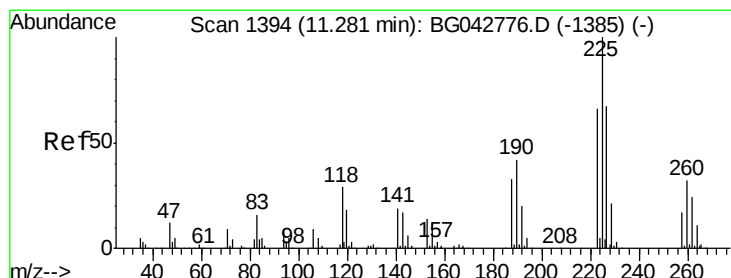
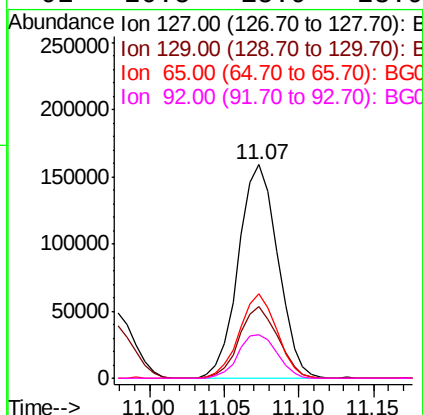
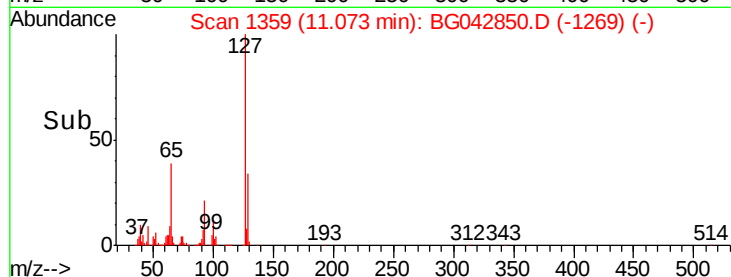
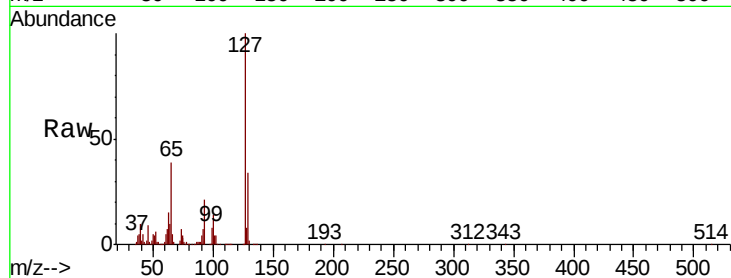




#33
4-Chloroaniline
Concen: 40.264 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

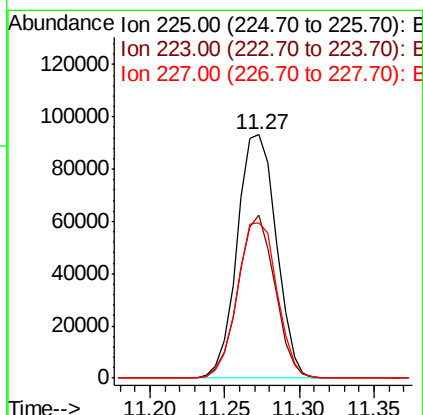
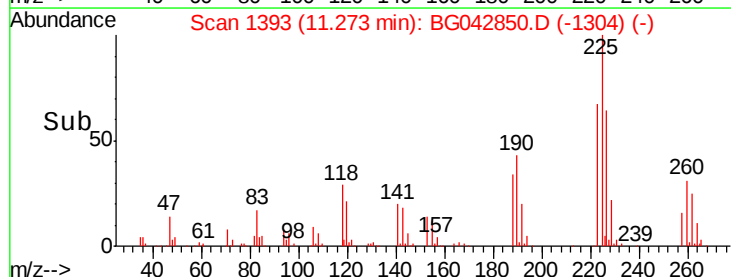
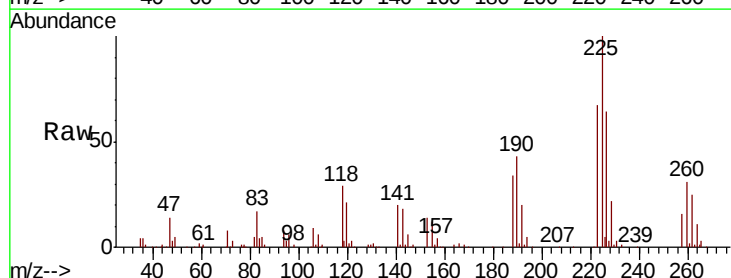
Instrument :
BNA_G
ClientSampleId :

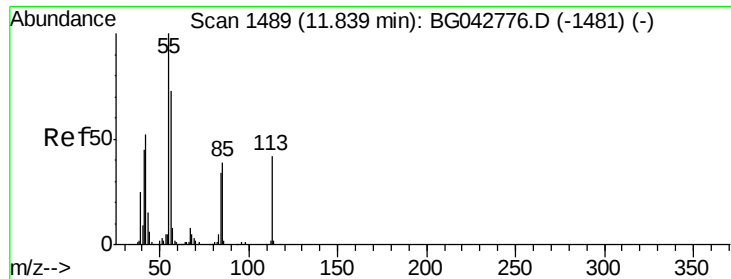
Tot Ion:	127	Resp:	292133
Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.8	38.6
65	39.5	30.5	45.7
92	20.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 38.603 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

Tgt Ion:	225	Resp:	169194
Ion	Ratio	Lower	Upper
225	100		
223	67.0	52.6	79.0
227	64.0	53.6	80.4





#35

Caprolactam

Concen: 44.547 ng

RT: 11.84 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Instrument :

BNA_G

ClientSampleId :

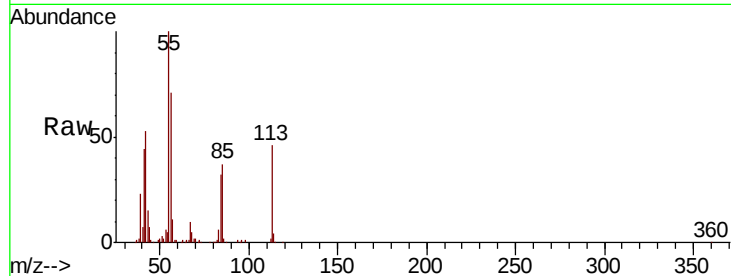
Tot Ion:113 Resp: 84878

Ion Ratio Lower Upper

113 100

55 219.4 218.4 258.4

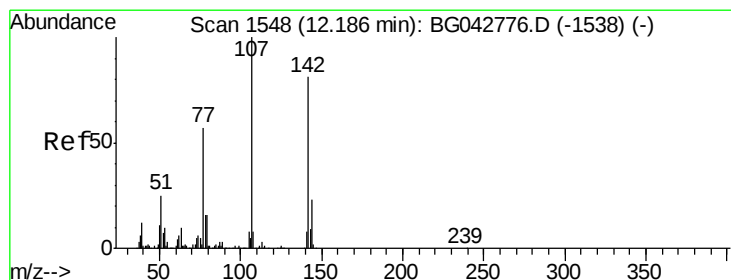
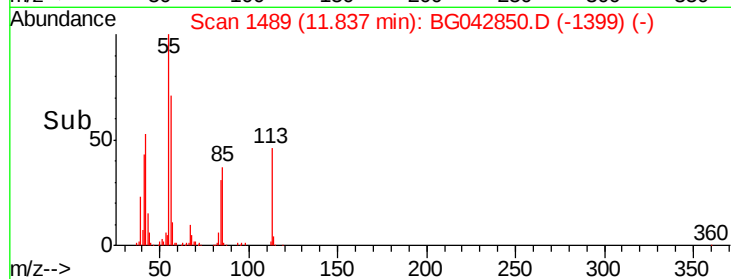
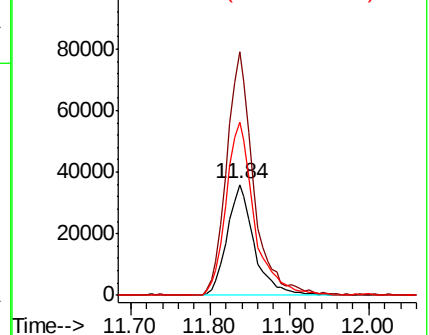
56 156.1 154.8 194.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG042776.D (-1481) (-)

Ion 56.00 (55.70 to 56.70): BG042776.D (-1481) (-)



#36

4-Chloro-3-methylphenol

Concen: 40.924 ng

RT: 12.18 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

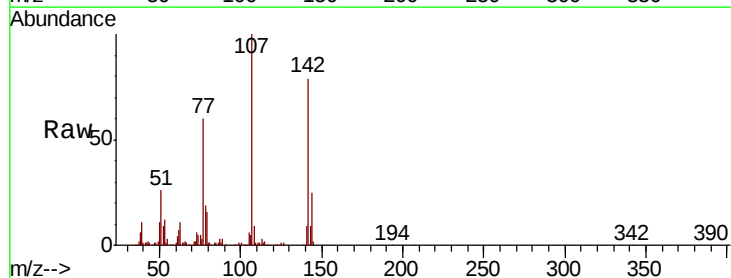
Tgt Ion:107 Resp: 227671

Ion Ratio Lower Upper

107 100

144 25.1 18.7 28.1

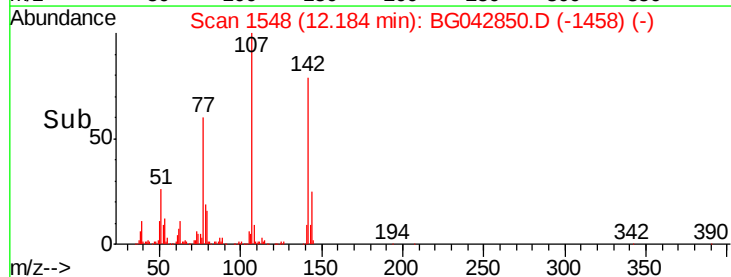
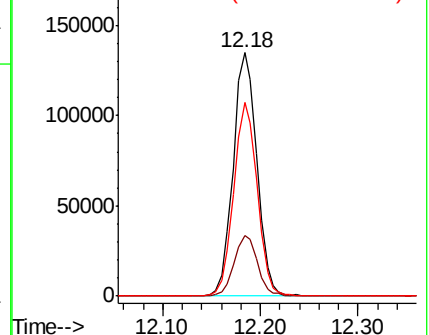
142 79.3 65.0 97.4

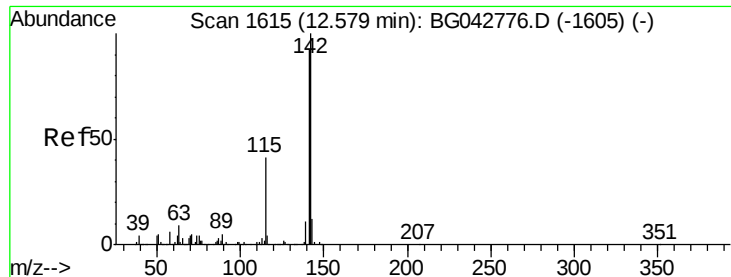


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

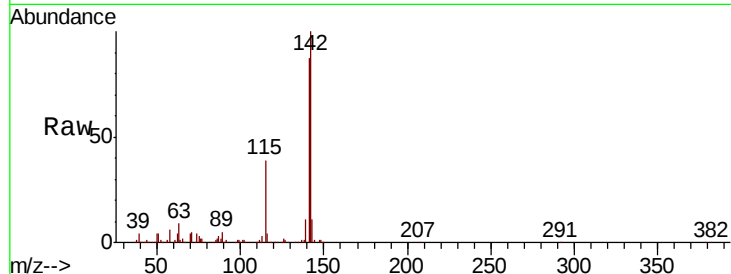




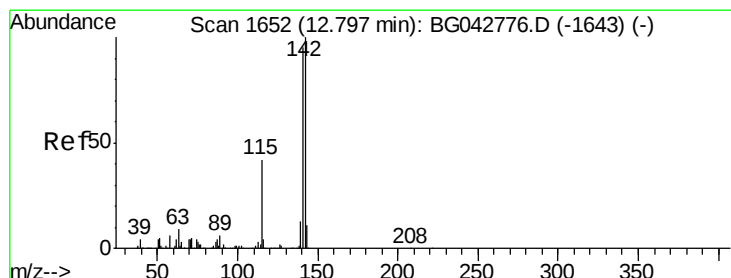
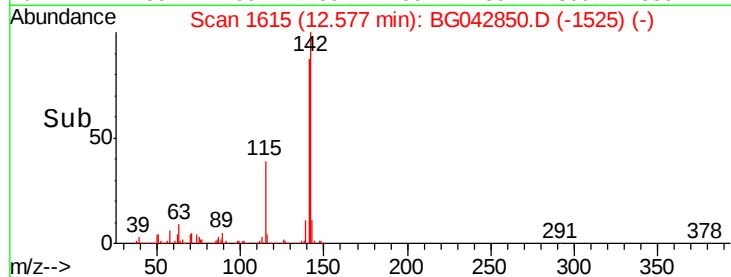
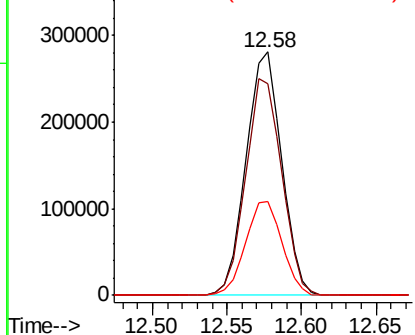
#37
2-Methylnaphthalene
Concen: 39.741 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	73.8	110.8
115	38.5	33.0	49.4

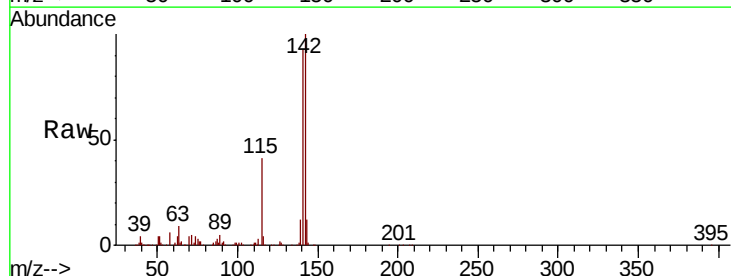


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

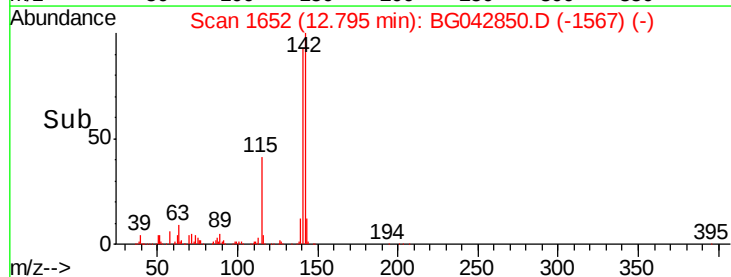
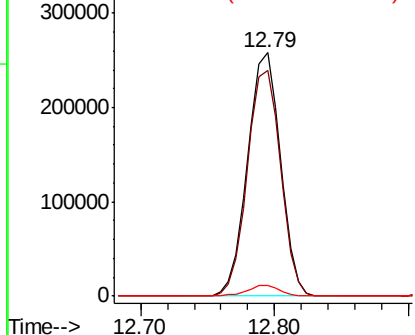


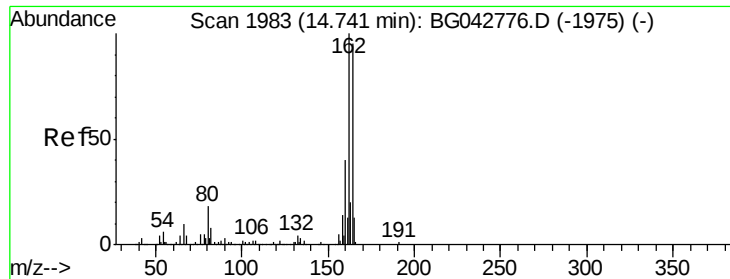
#38
1-Methylnaphthalene
Concen: 40.208 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	76.3	114.5
116	4.1	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: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Instrument :

BNA_G

ClientSampleId :

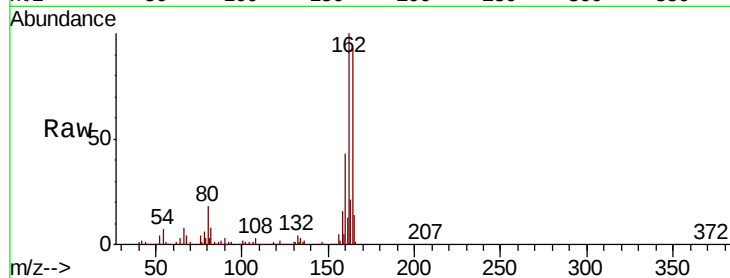
Tot Ion:164 Resp: 218818

Ion Ratio Lower Upper

164 100

162 107.7 84.6 126.8

160 46.4 34.2 51.2

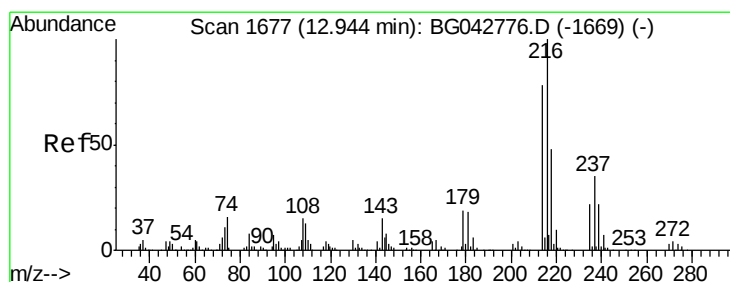
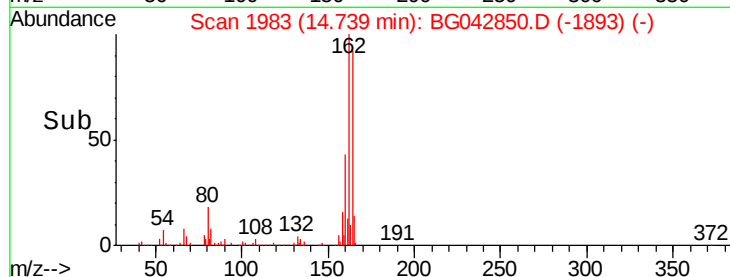
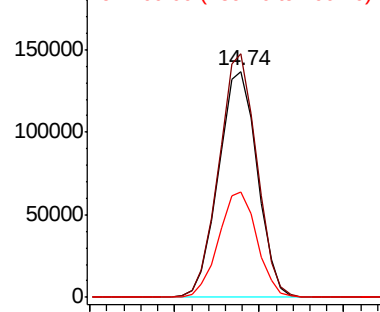


Abundance

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: 39.277 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Tgt Ion:216 Resp: 284005

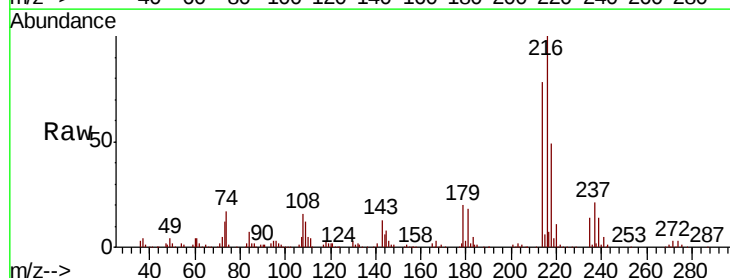
Ion Ratio Lower Upper

216 100

214 78.8 62.8 94.2

179 20.2 15.3 22.9

108 16.2 12.9 19.3



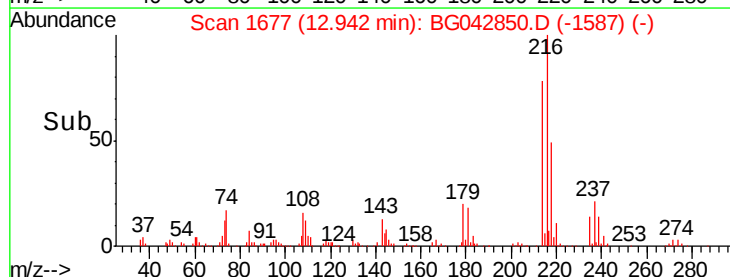
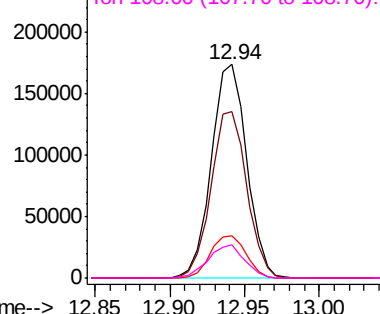
Abundance

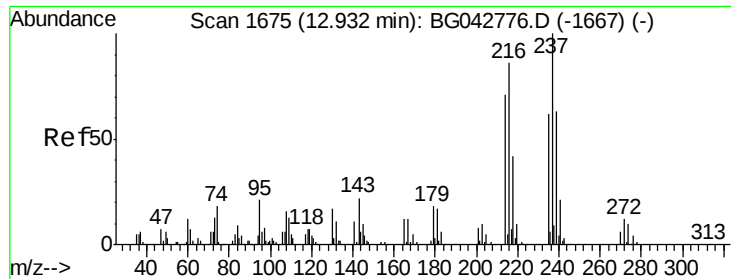
Ion 216.00 (215.70 to 216.70): E

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: 40.306 ng

RT: 12.92 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Instrument :

BNA_G

ClientSampled :

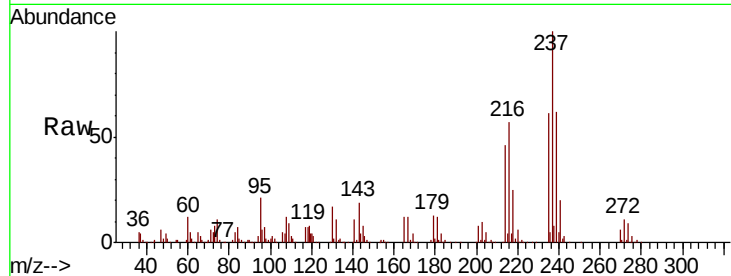
Tot Ion:237 Resp: 166958

Ion Ratio Lower Upper

237 100

235 61.5 41.9 81.9

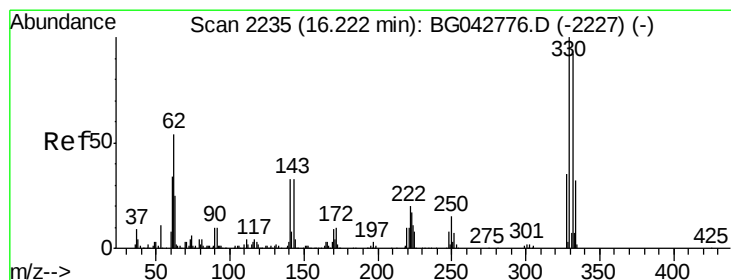
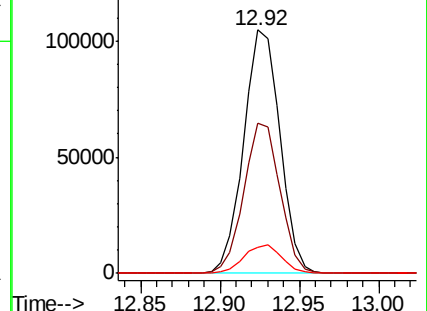
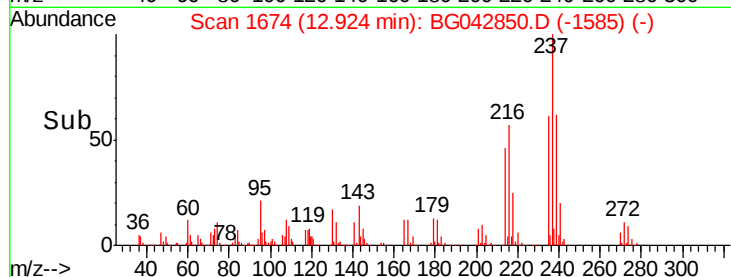
272 10.8 0.0 31.6



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: 84.370 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

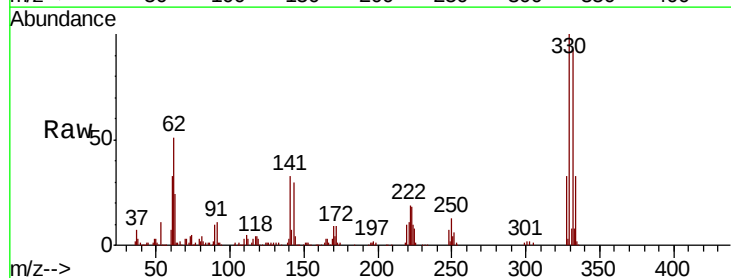
Tgt Ion:330 Resp: 245617

Ion Ratio Lower Upper

330 100

332 97.4 76.7 115.1

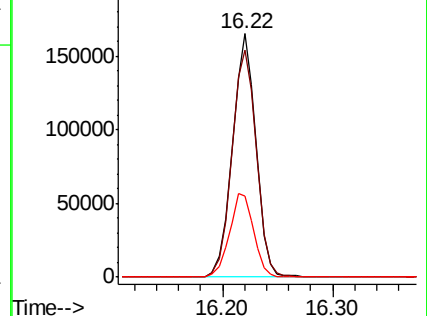
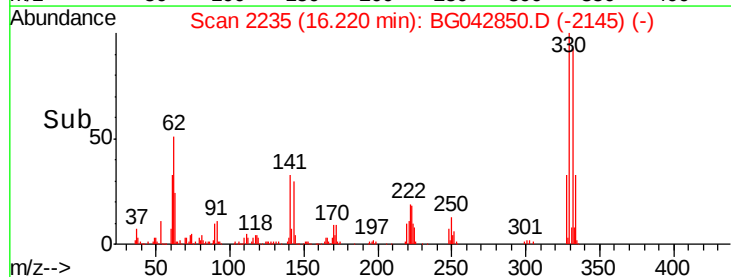
141 35.5 27.0 40.6

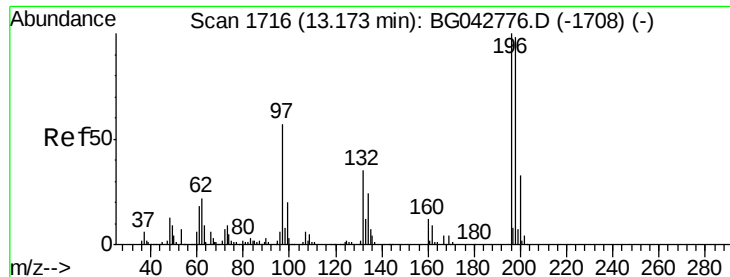


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

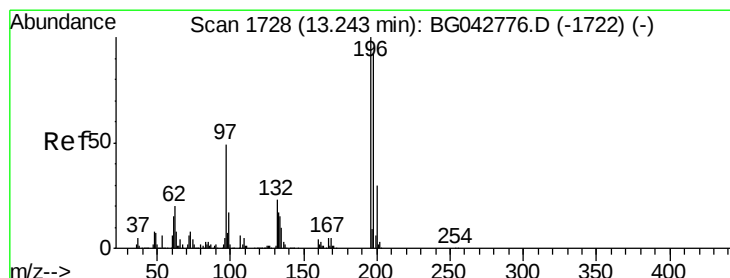
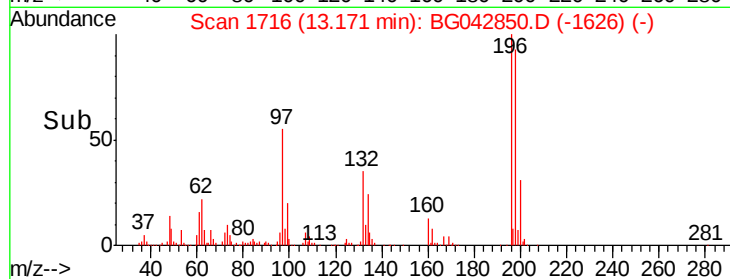
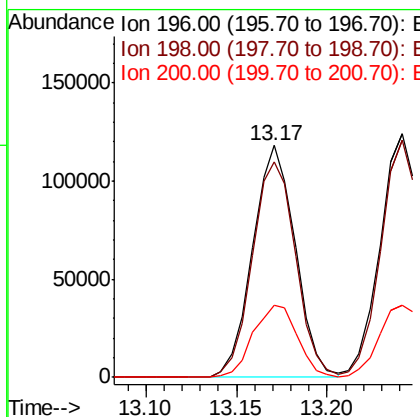
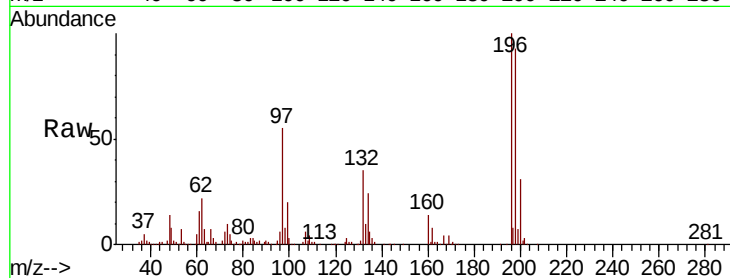




#43
 2,4,6-Trichlorophenol
 Concen: 39.923 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

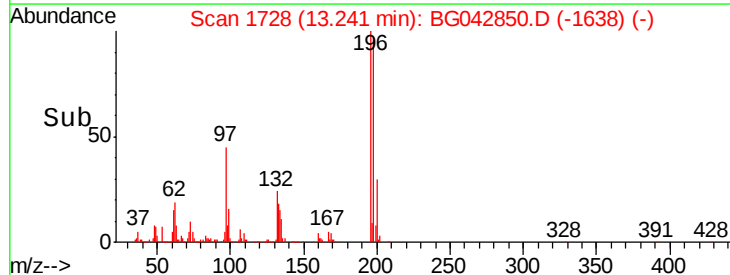
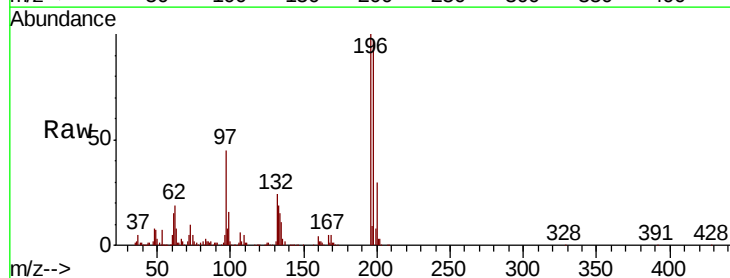
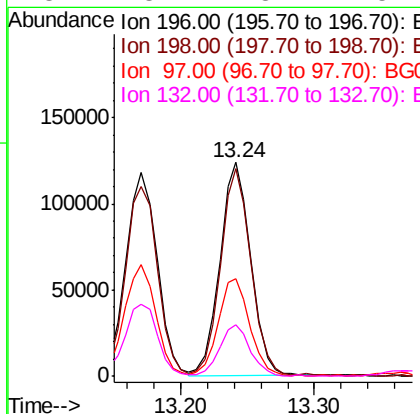
Instrument :
 BNA_G
 ClientSampleId :

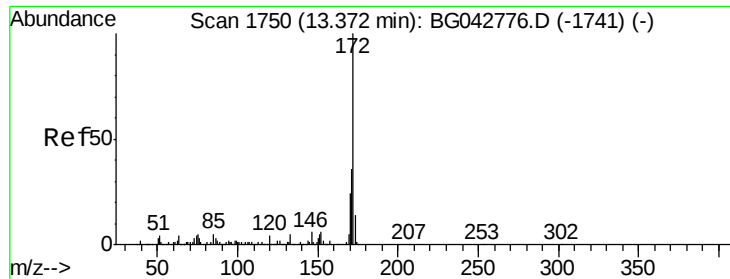
Tot Ion	196	Resp	192185
Ion Ratio	Lower	Upper	
196	100		
198	93.0	78.8	118.2
200	31.1	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 40.592 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

Tgt Ion	196	Resp	200152
Ion Ratio	Lower	Upper	
196	100		
198	97.3	73.4	110.0
97	45.5	39.2	58.8
132	23.7	18.7	28.1

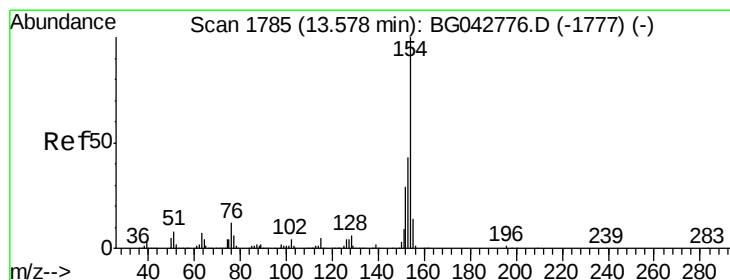
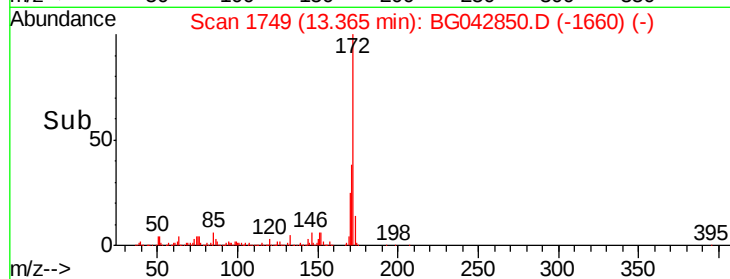
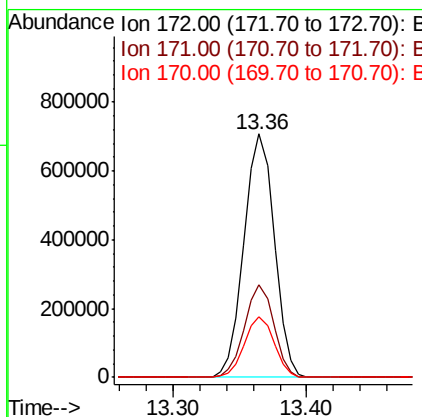
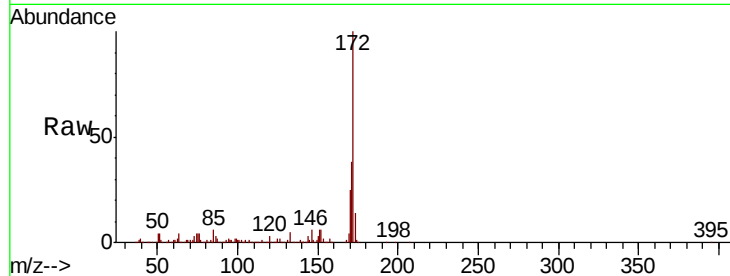




#45
2-Fluorobiphenyl
Concen: 80.297 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

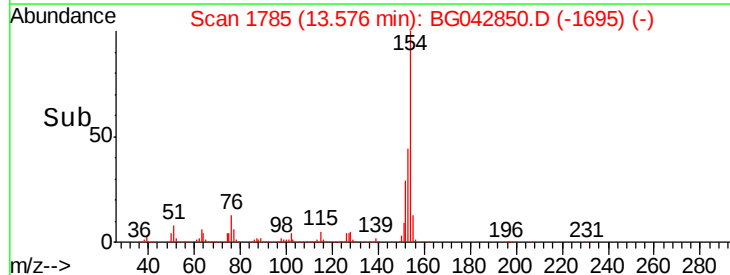
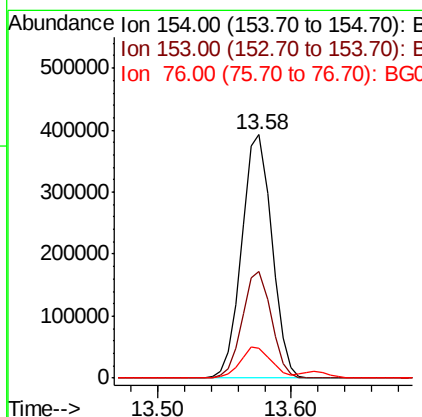
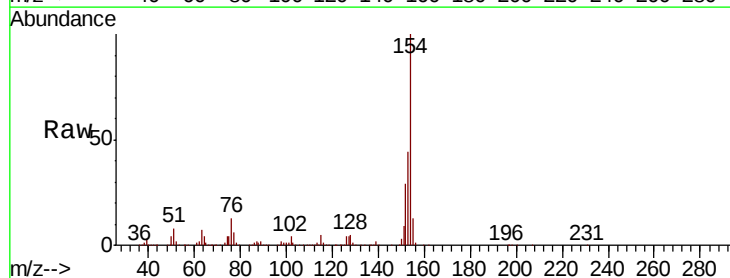
Instrument :
BNA_G
ClientSampleId :

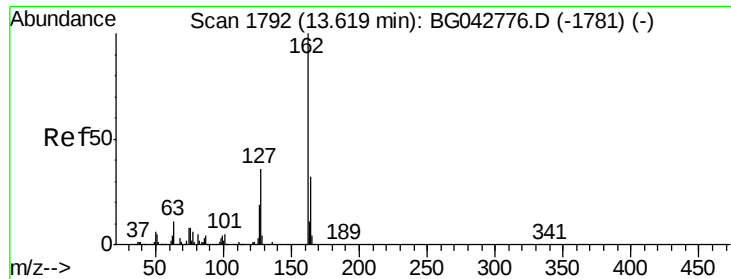
Tot Ion:172 Resp: 1109998
Ion Ratio Lower Upper
172 100
171 38.1 28.9 43.3
170 25.0 19.1 28.7



#46
1,1'-Biphenyl
Concen: 39.939 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

Tgt Ion:154 Resp: 611806
Ion Ratio Lower Upper
154 100
153 44.0 22.6 62.6
76 12.5 0.0 32.2

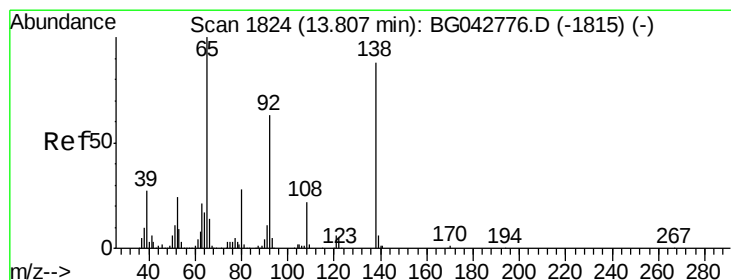
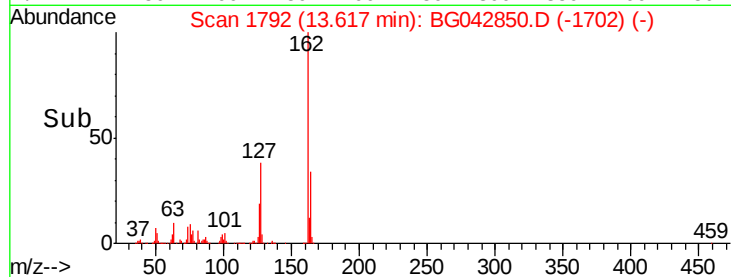
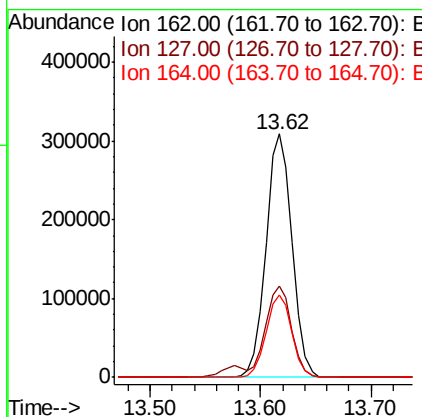
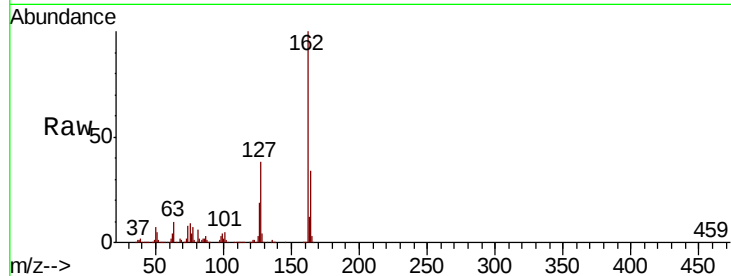




#47
 2-Chloronaphthalene
 Concen: 40.006 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

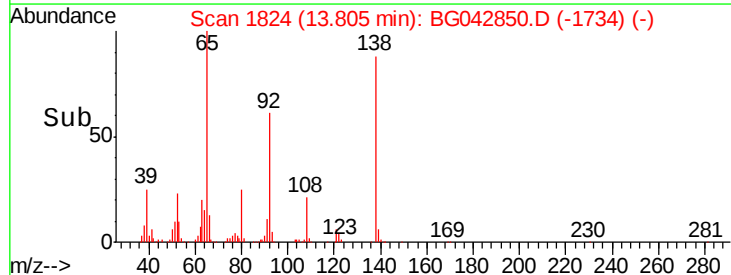
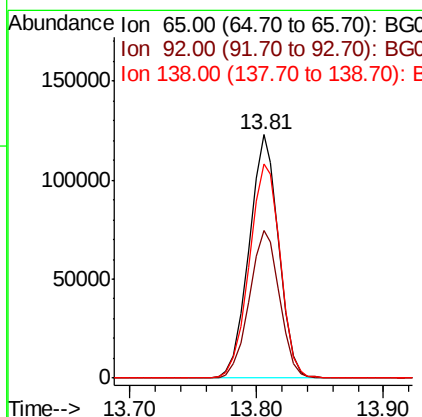
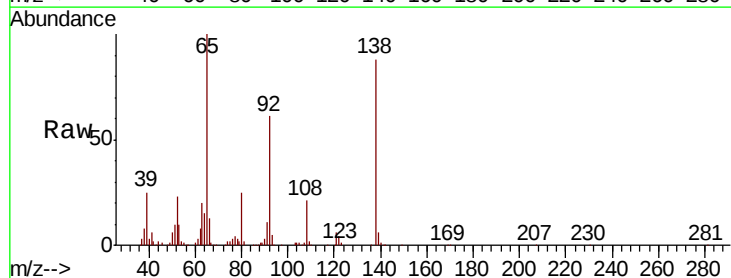
Instrument :
 BNA_G
 ClientSampleId :

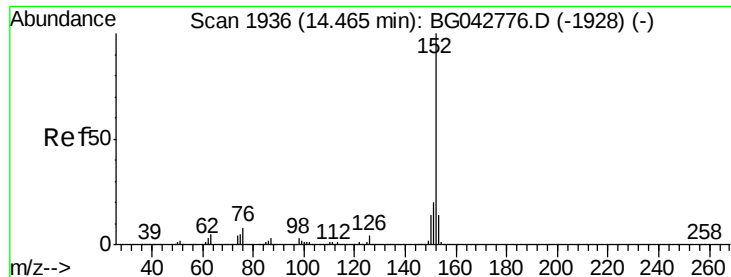
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	29.3	43.9
164	33.9	26.0	39.0



#48
 2-Nitroaniline
 Concen: 45.434 ng
 RT: 13.81 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.7	50.4	75.6
138	87.8	70.6	106.0





#49

Acenaphthylene

Concen: 40.826 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Instrument :

BNA_G

ClientSampleId :

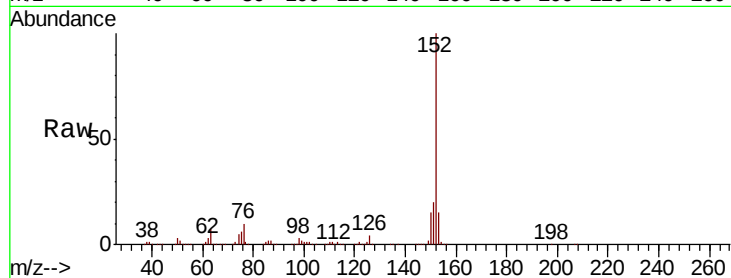
Tot Ion:152 Resp: 790595

Ion Ratio Lower Upper

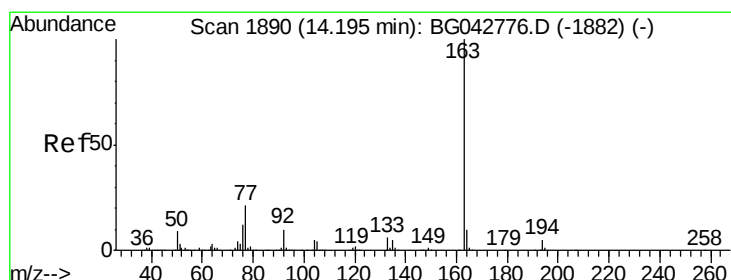
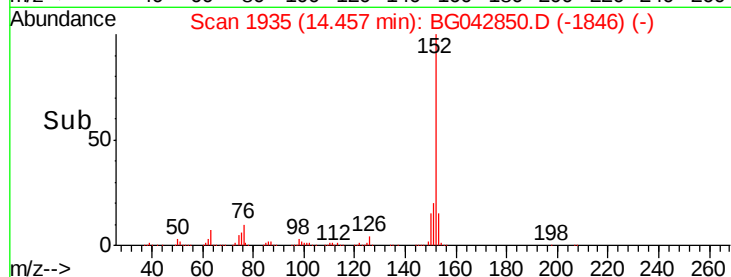
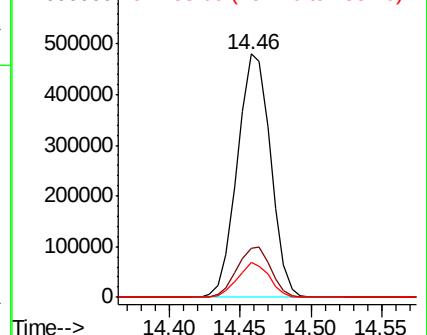
152 100

151 20.2 16.0 24.0

153 14.6 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: 41.645 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

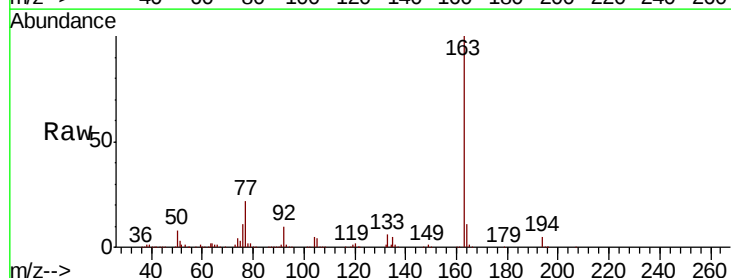
Tgt Ion:163 Resp: 682645

Ion Ratio Lower Upper

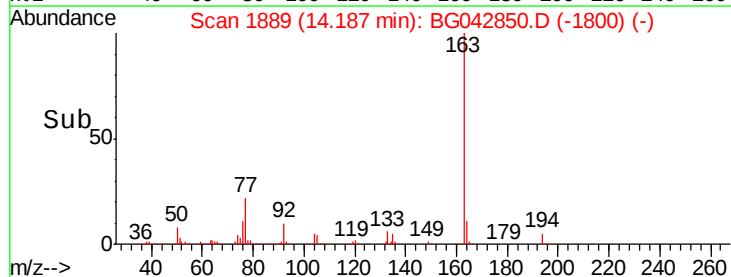
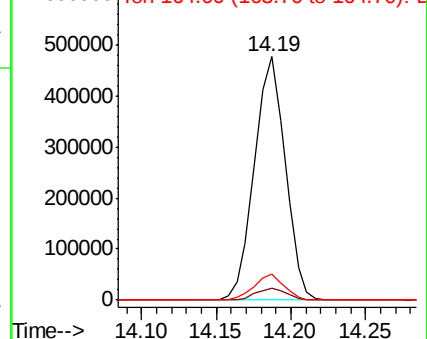
163 100

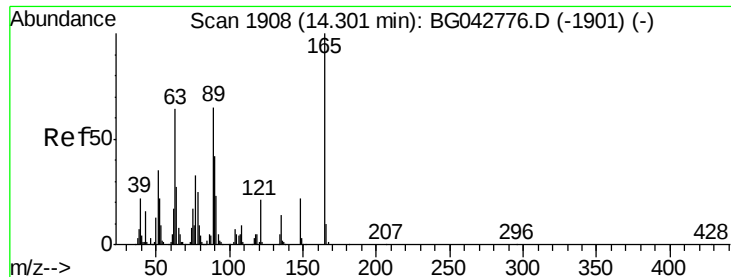
194 5.1 4.2 6.4

164 10.8 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

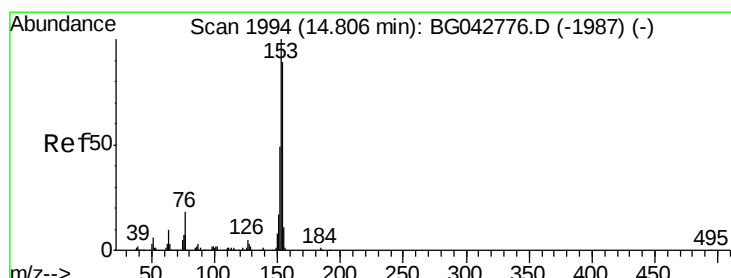
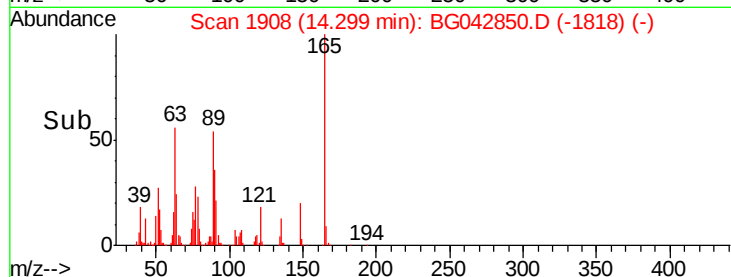
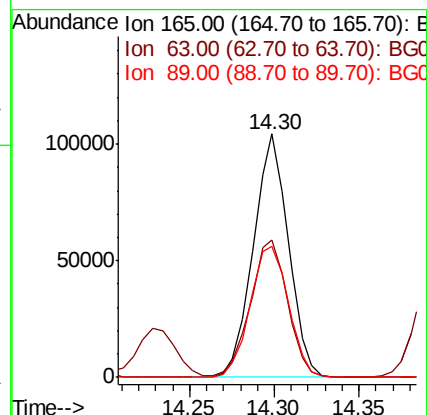
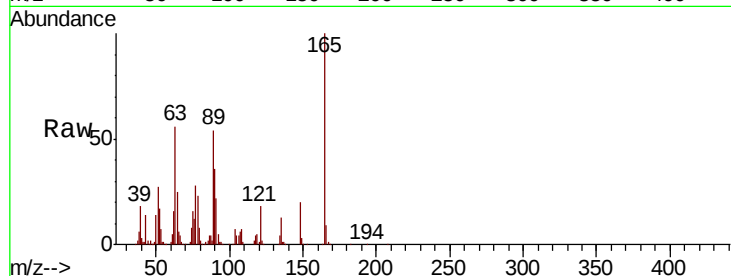




#51
 2,6-Dinitrotoluene
 Concen: 44.870 ng
 RT: 14.30 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

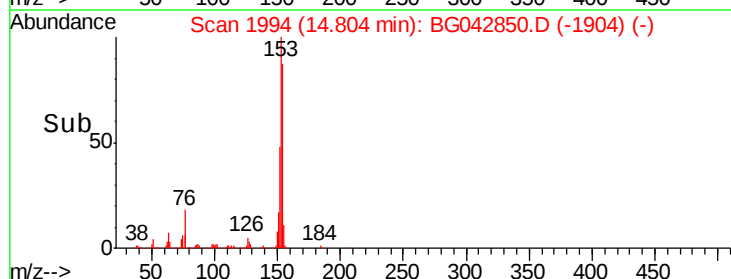
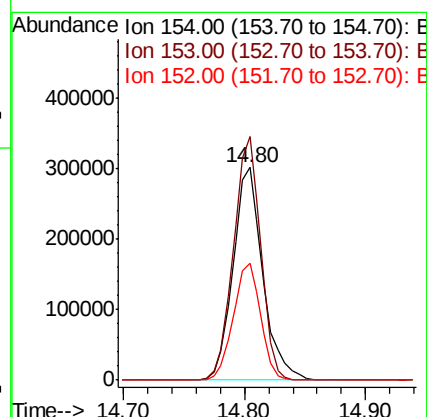
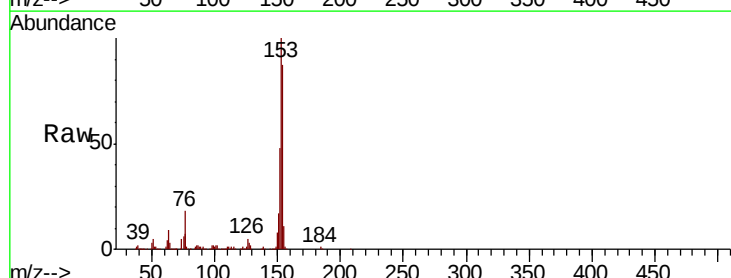
Instrument :
 BNA_G
 ClientSampled :

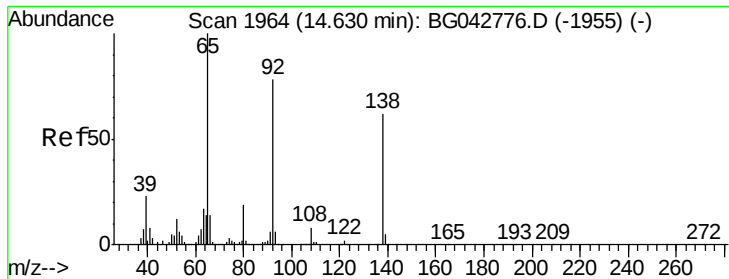
Tot Ion:165 Resp: 150923
 Ion Ratio Lower Upper
 165 100
 63 56.2 52.1 78.1
 89 53.7 51.7 77.5



#52
 Acenaphthene
 Concen: 40.827 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

Tgt Ion:154 Resp: 516505
 Ion Ratio Lower Upper
 154 100
 153 114.6 89.4 134.2
 152 55.1 43.5 65.3

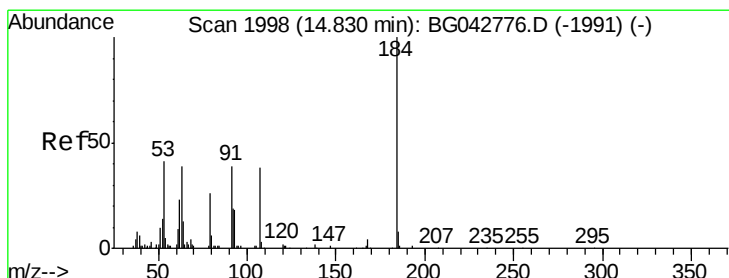
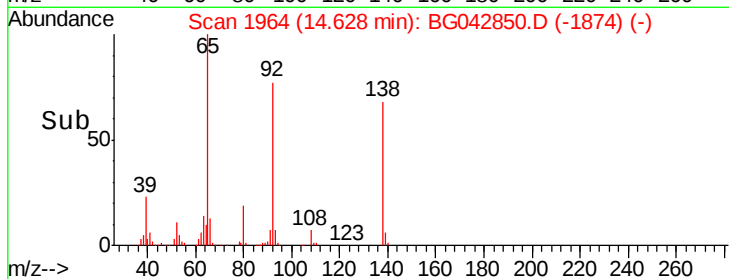
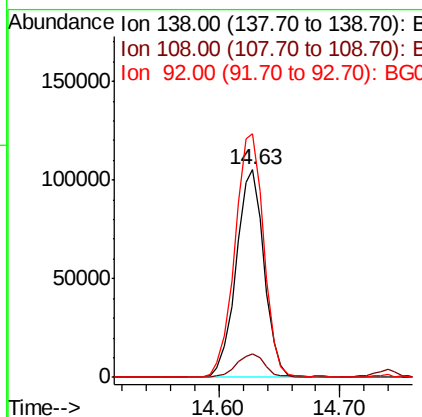
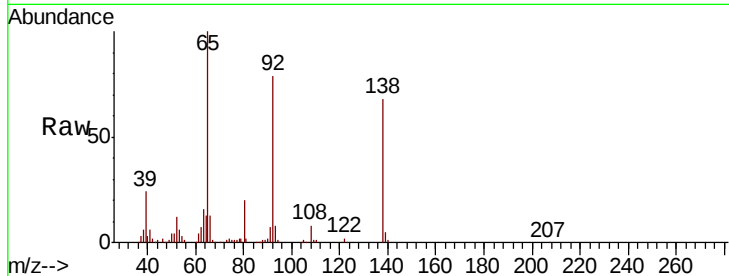




#53
 3-Nitroaniline
 Concen: 44.940 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

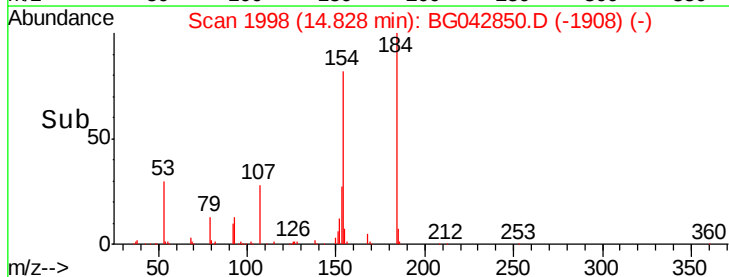
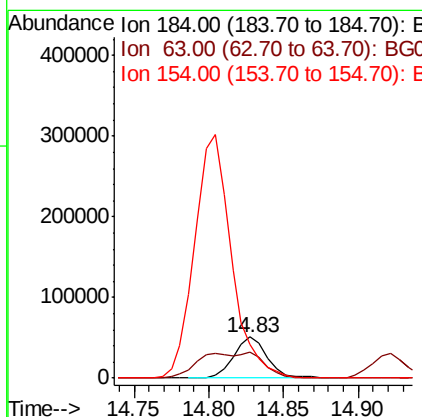
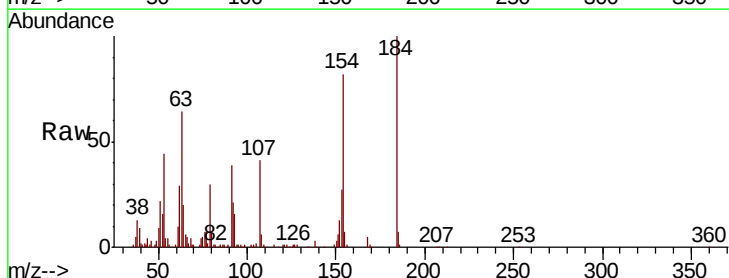
Instrument :
 BNA_G
 ClientSampleId :

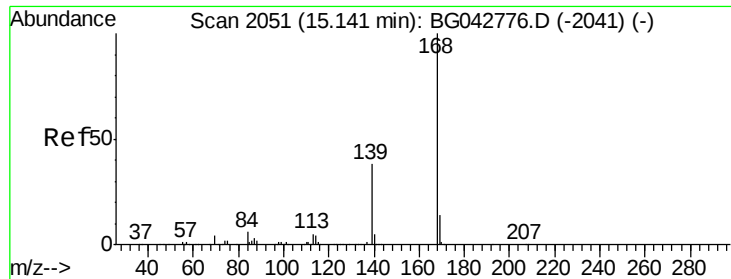
Tot Ion:138 Resp: 169648
 Ion Ratio Lower Upper
 138 100
 108 11.2 10.7 16.1
 92 117.4 100.5 150.7



#54
 2,4-Dinitrophenol
 Concen: 47.763 ng
 RT: 14.83 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

Tgt Ion:184 Resp: 79087
 Ion Ratio Lower Upper
 184 100
 63 63.9 46.2 69.4
 154 82.0 81.3 121.9

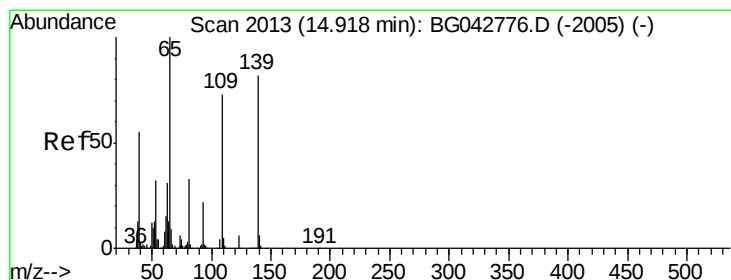
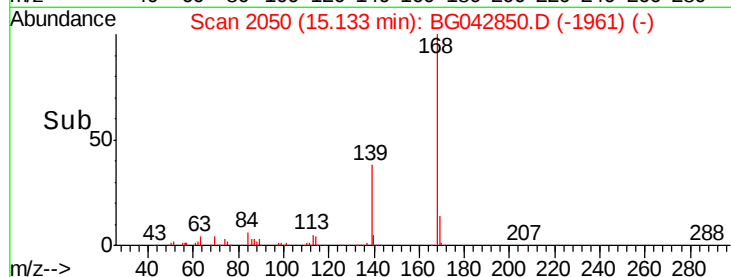
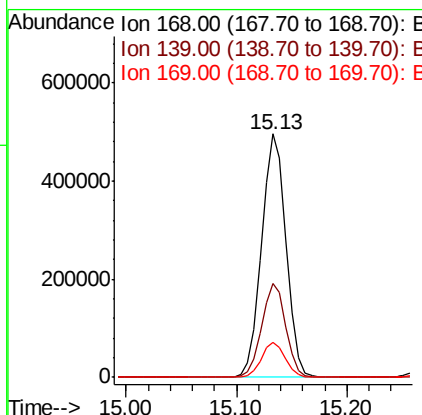
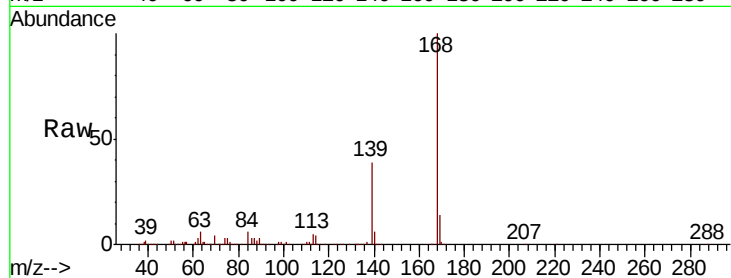




#55
Dibenzofuran
Concen: 40.856 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

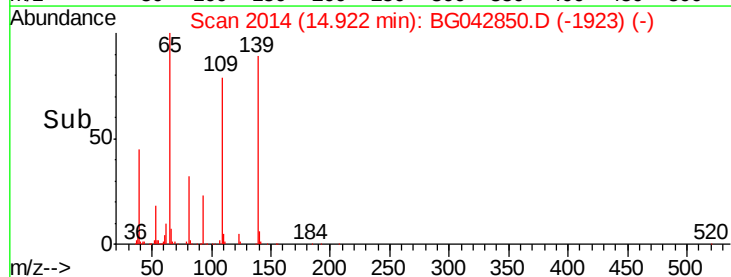
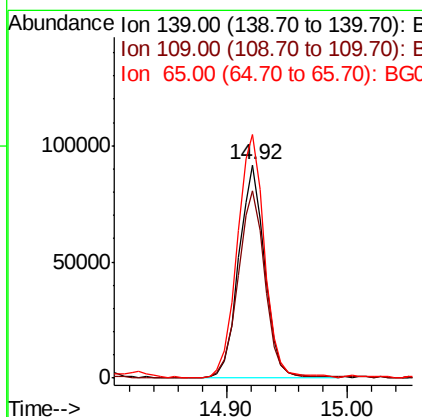
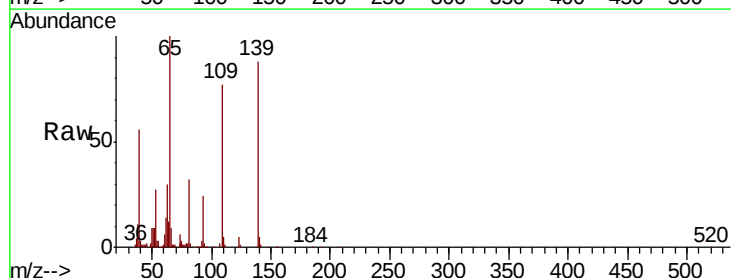
Instrument :
BNA_G
ClientSampleId :

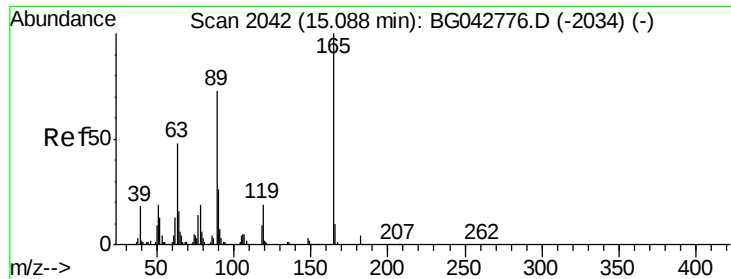
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.2	45.4
169	14.2	11.2	16.8



#56
4-Nitrophenol
Concen: 47.350 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	88.1	69.4	109.4
65	114.3	102.5	142.5

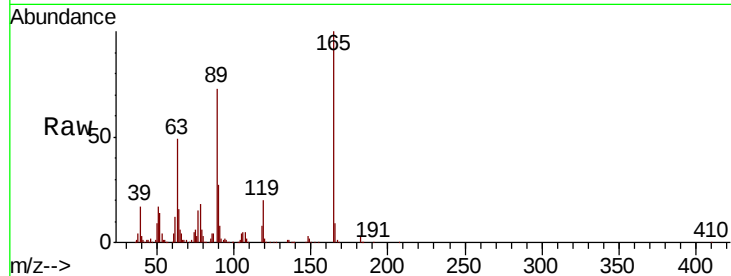




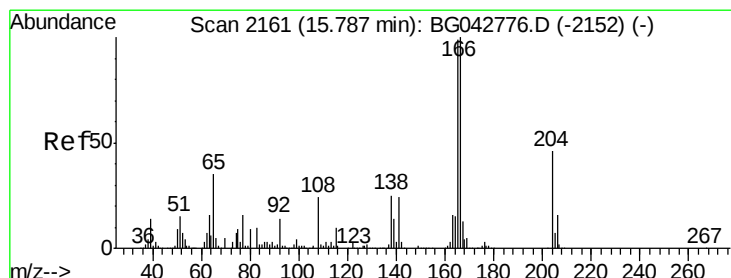
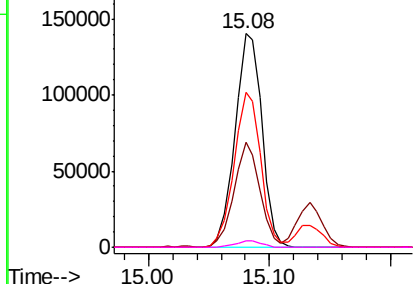
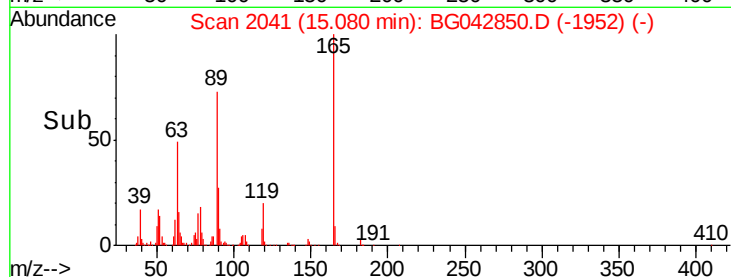
#57
 2,4-Dinitrotoluene
 Concen: 48.439 ng
 RT: 15.08 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	217165
Ion	Ratio	Lower	Upper
165	100		
63	49.0	38.3	57.5
89	72.7	58.4	87.6
182	2.8	2.9	4.3#

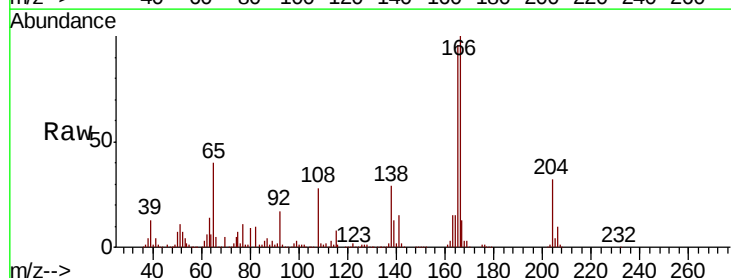


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

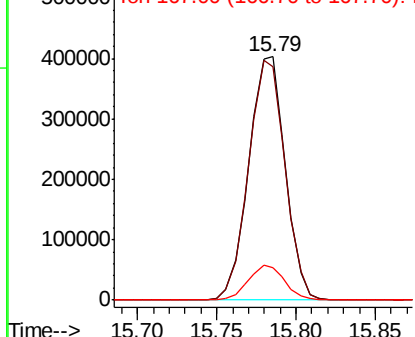
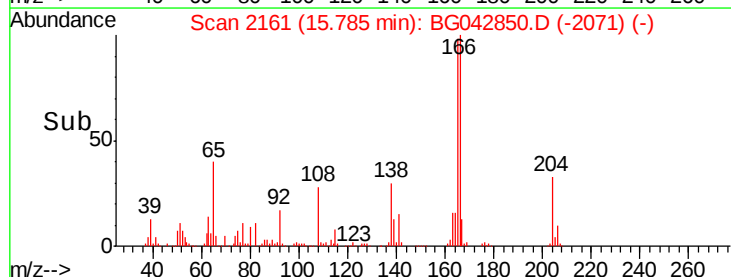


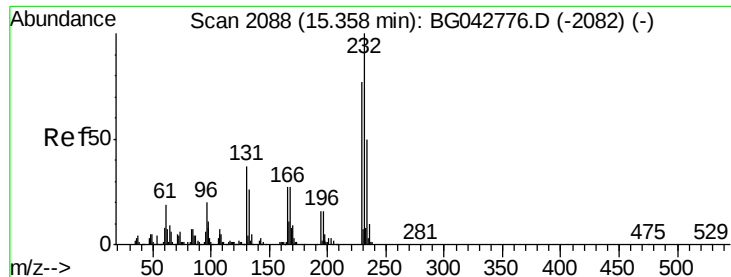
#58
 Fluorene
 Concen: 41.288 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

Tgt Ion:	166	Resp:	643449
Ion	Ratio	Lower	Upper
166	100		
165	95.9	79.1	118.7
167	13.4	10.7	16.1



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.999 ng

RT: 15.36 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 205531

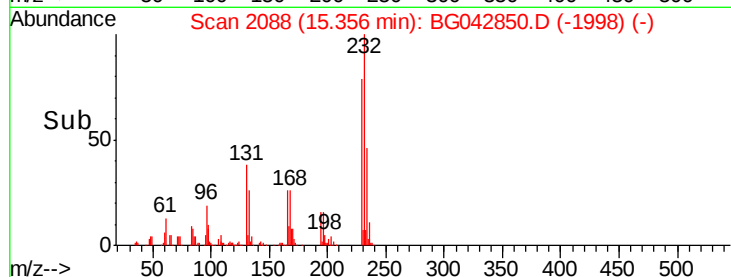
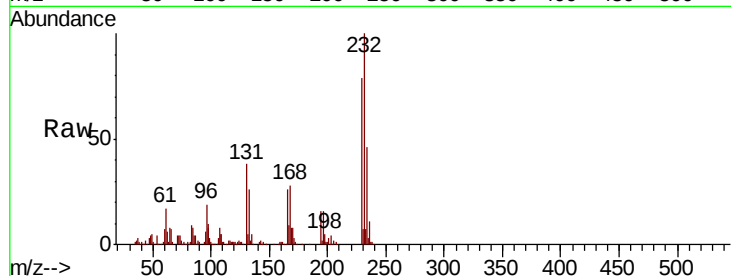
Ion Ratio Lower Upper

232 100

131 36.8 31.1 46.7

130 2.4 1.8 2.6

166 26.0 21.7 32.5

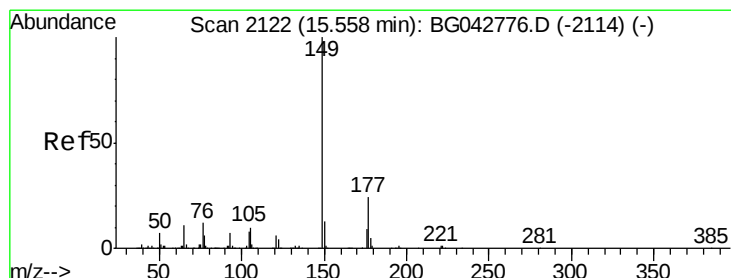
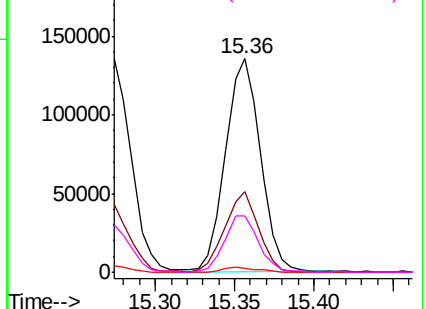


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.879 ng

RT: 15.55 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

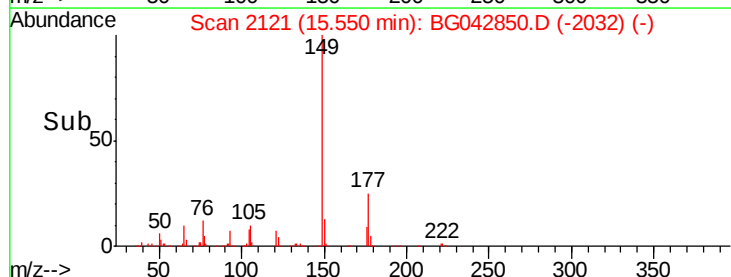
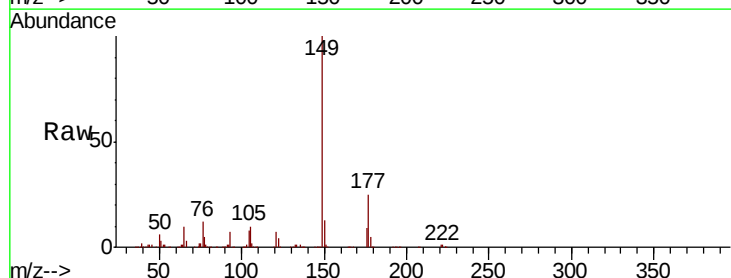
Tgt Ion:149 Resp: 696836

Ion Ratio Lower Upper

149 100

177 24.9 19.4 29.0

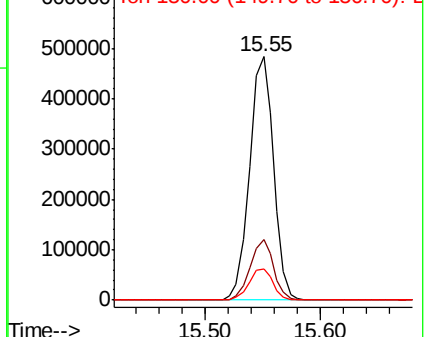
150 12.8 10.2 15.4

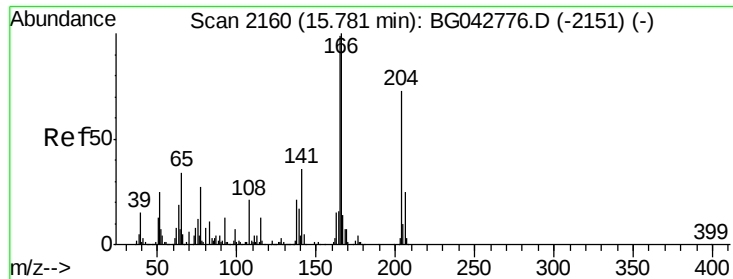


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

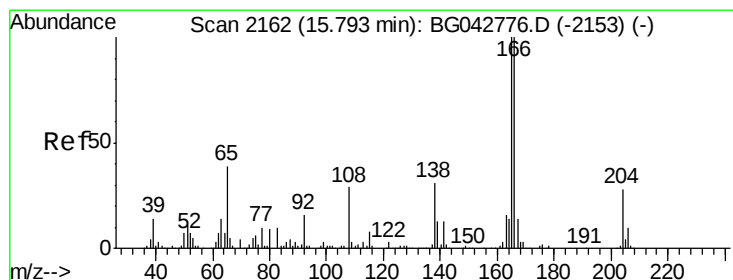
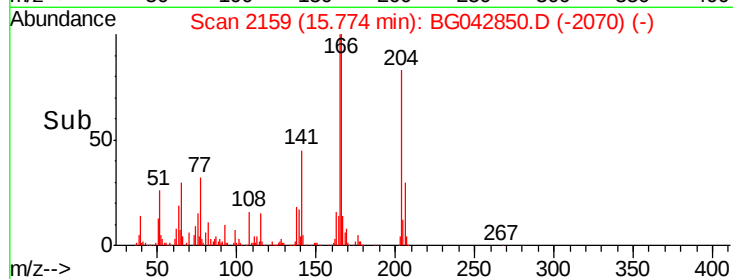
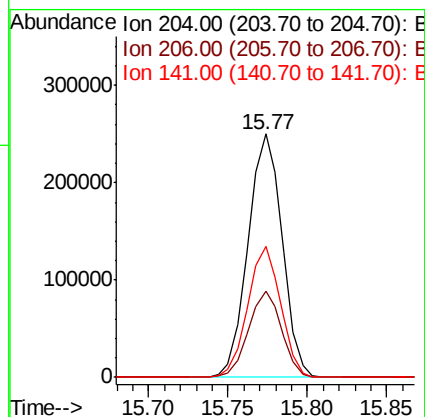
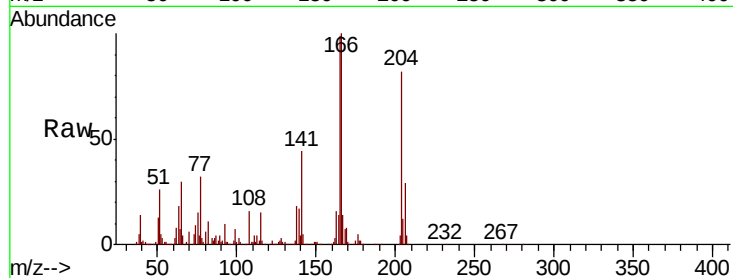




#61
 4-Chlorophenyl-phenylether
 Concen: 40.505 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

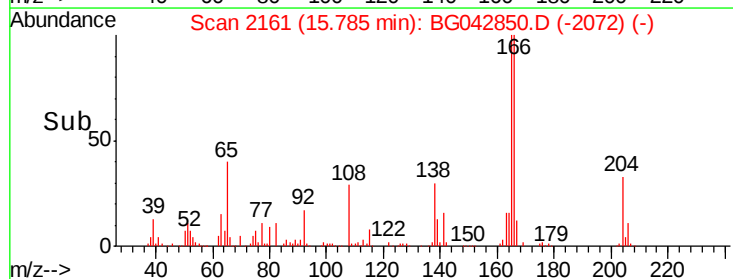
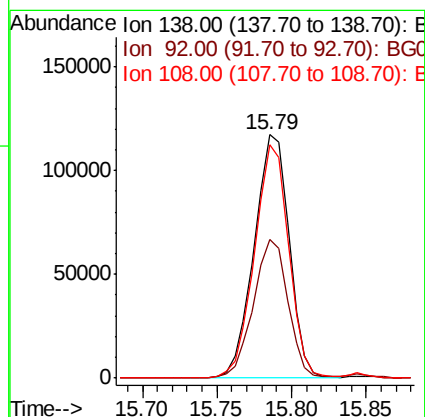
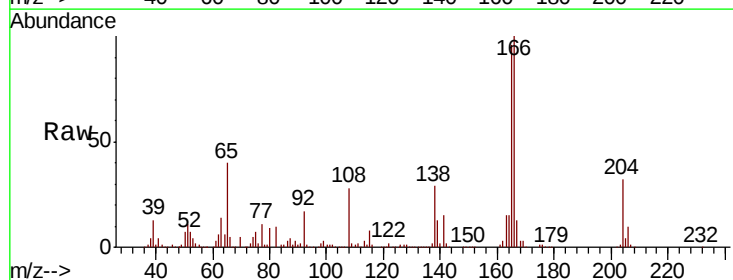
Instrument :
 BNA_G
 ClientSampleId :

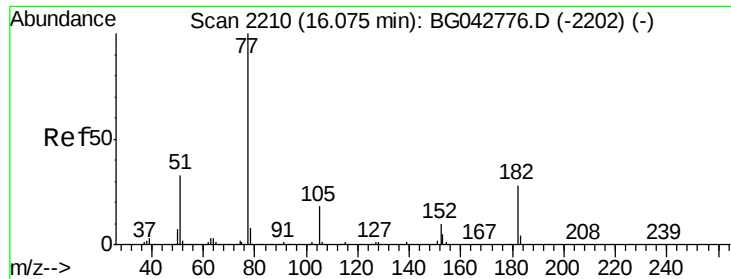
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.6	27.6	41.4
141	53.7	39.8	59.6



#62
 4-Nitroaniline
 Concen: 46.739 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.0	31.4	71.4
108	96.0	74.8	114.8

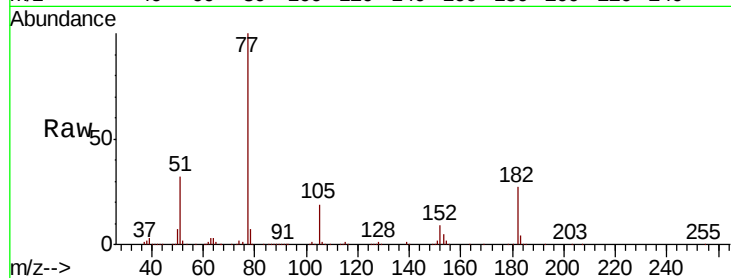




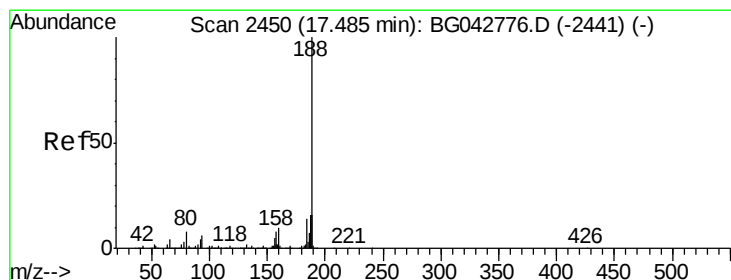
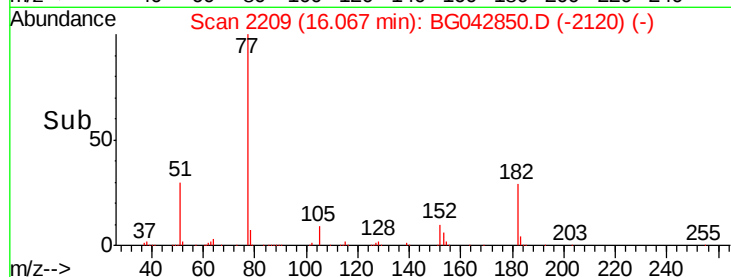
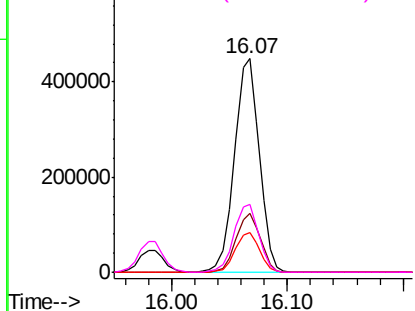
#63
Azobenzene
Concen: 41.612 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	666753
Ion	Ratio	Lower	Upper
77	100		
182	27.5	8.1	48.1
105	18.7	0.0	38.1
51	31.6	12.9	52.9

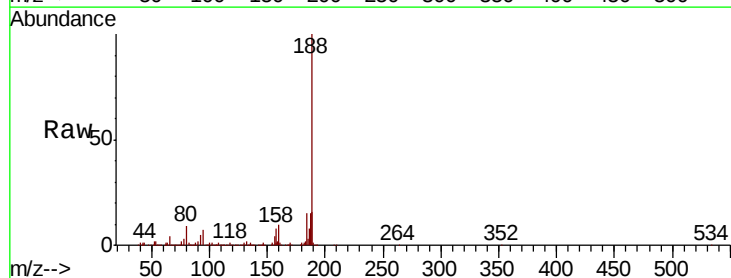


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

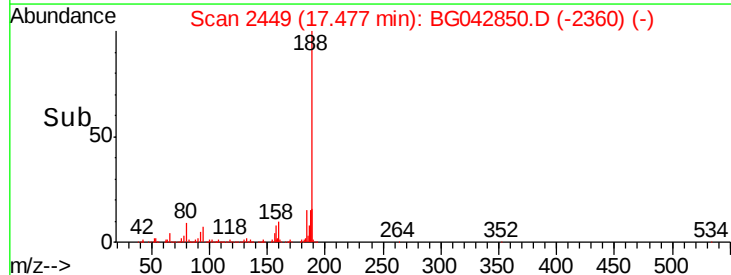
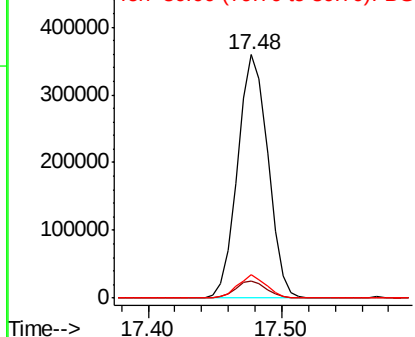


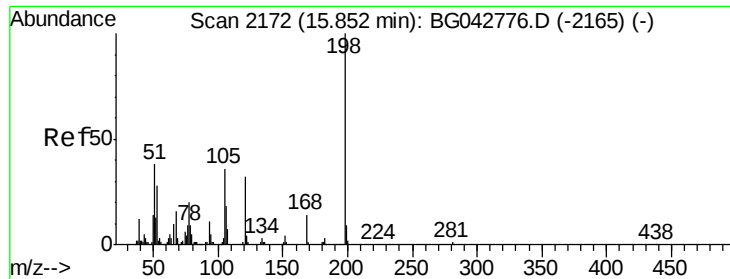
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

Tgt Ion:	188	Resp:	563963
Ion	Ratio	Lower	Upper
188	100		
94	7.2	4.8	7.2
80	9.5	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

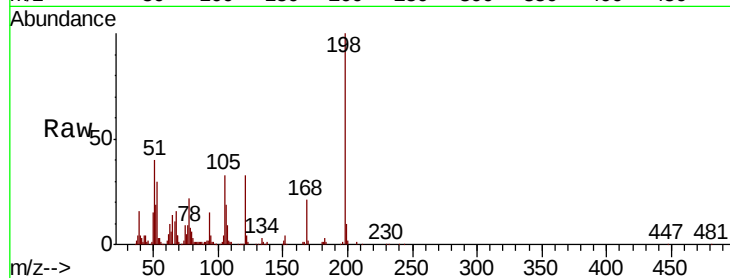




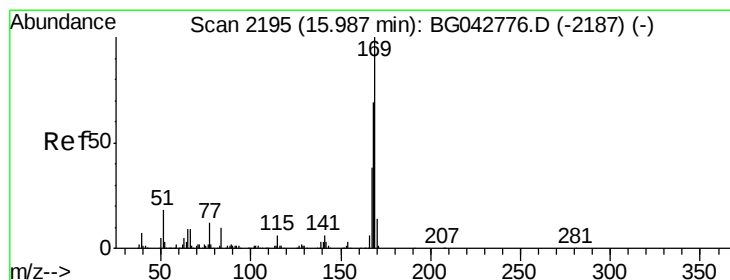
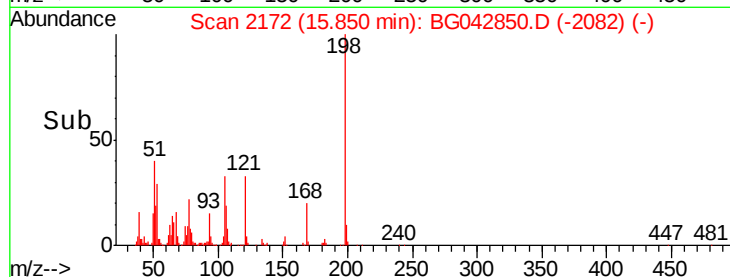
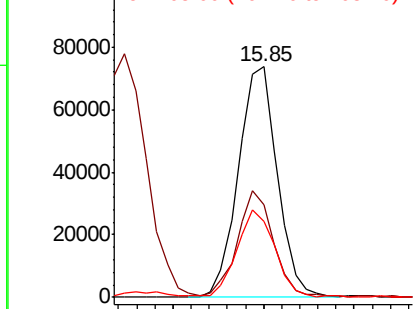
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.693 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.1	20.9	60.9
105	33.1	16.4	56.4

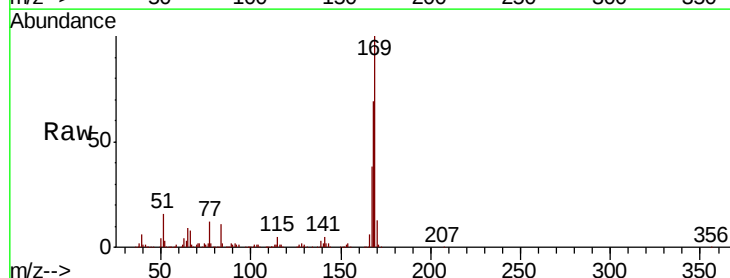


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

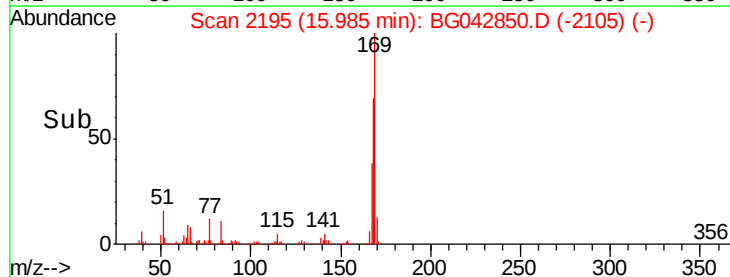
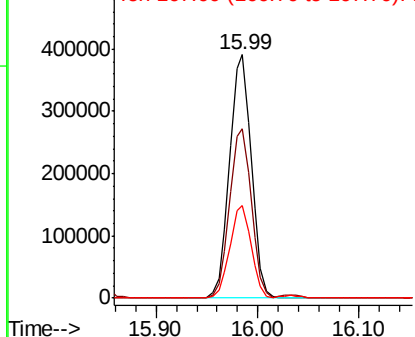


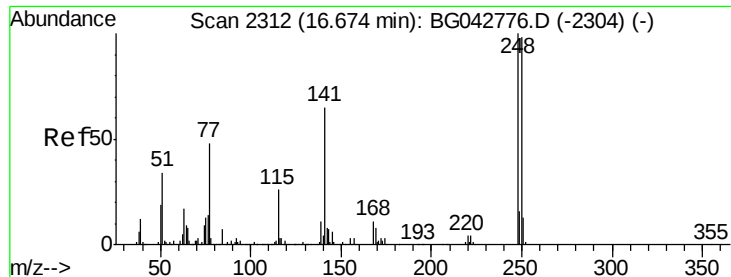
#66
 n-Nitrosodiphenylamine
 Concen: 38.313 ng
 RT: 15.99 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.5	55.4	83.2
167	38.3	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

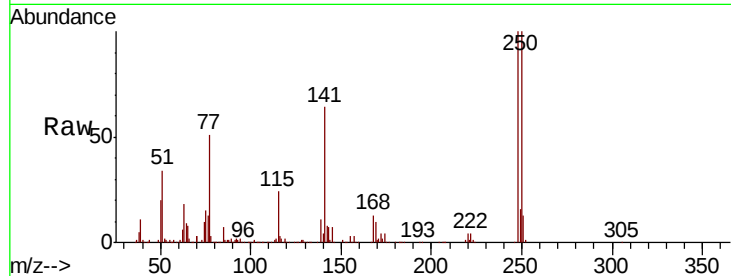




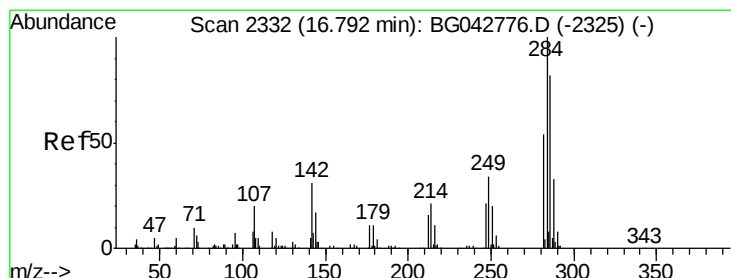
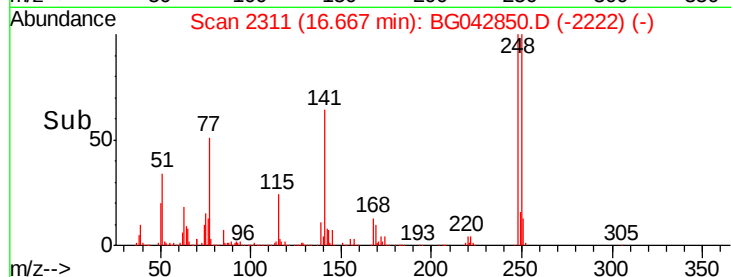
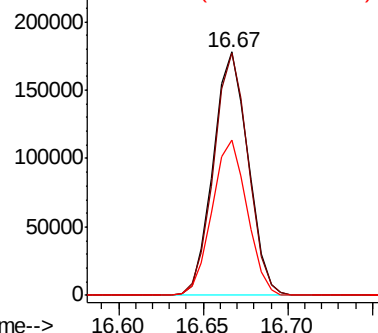
#67
4-Bromophenyl-phenylether
Concen: 37.604 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	78.0	117.0
141	63.9	51.8	77.6

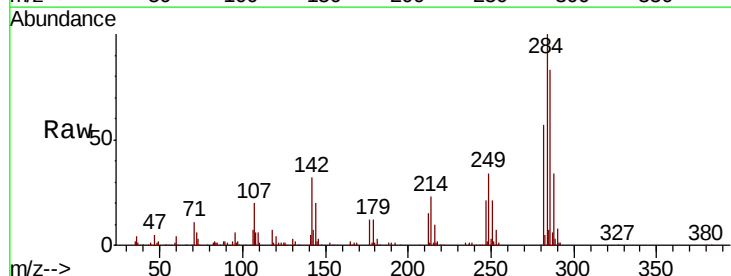


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

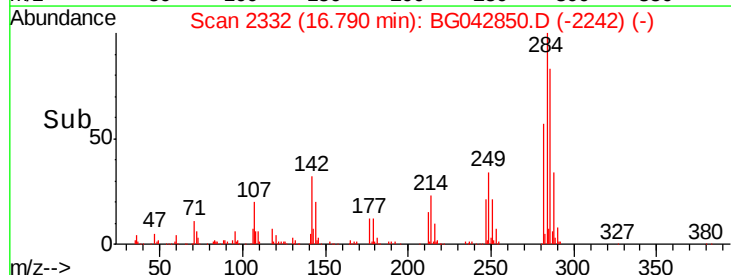
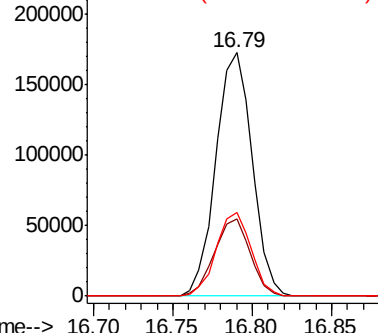


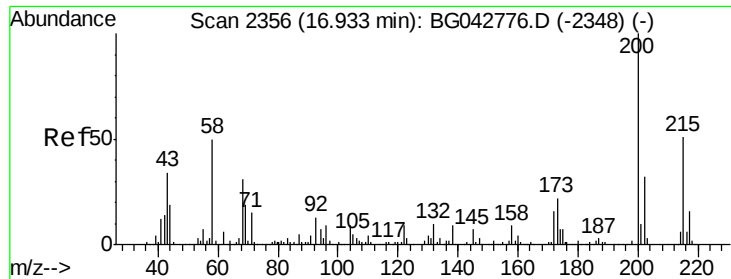
#68
Hexachlorobenzene
Concen: 37.623 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.7	24.7	37.1
249	34.2	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

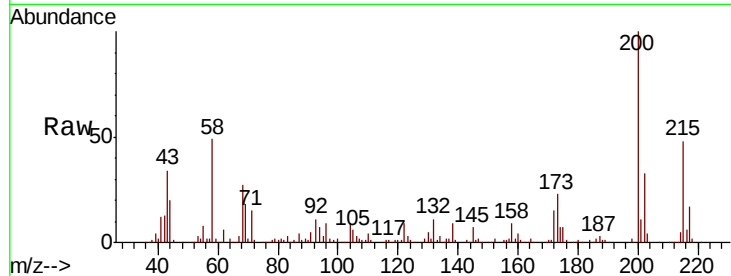




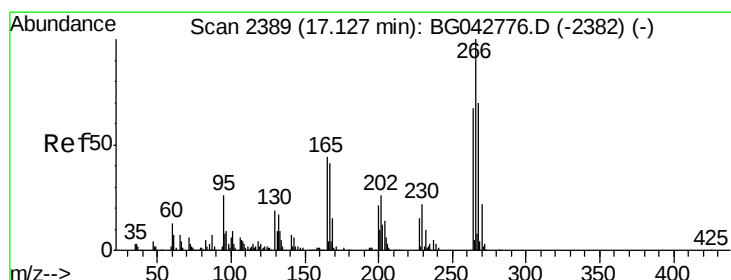
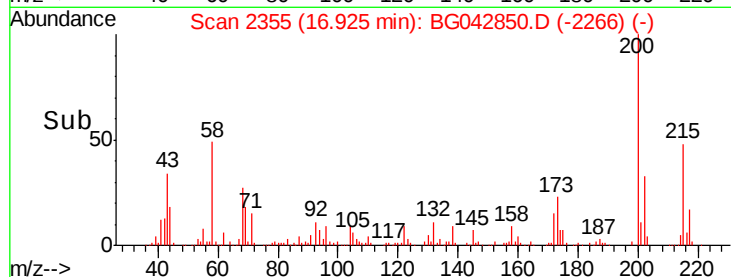
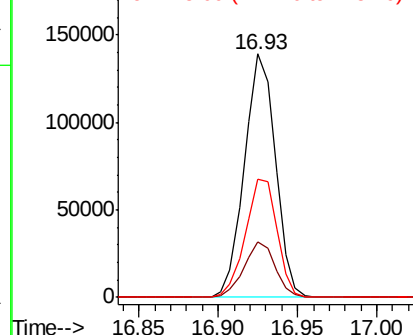
#69
 Atrazine
 Concen: 35.775 ng
 RT: 16.93 min Scan# 2356
 Delta R.T. -0.01 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.8	2.5	42.5
215	48.3	31.0	71.0

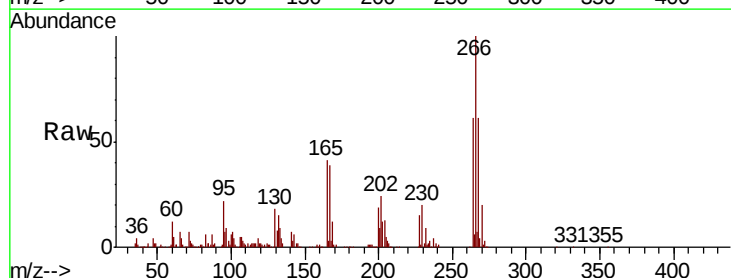


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

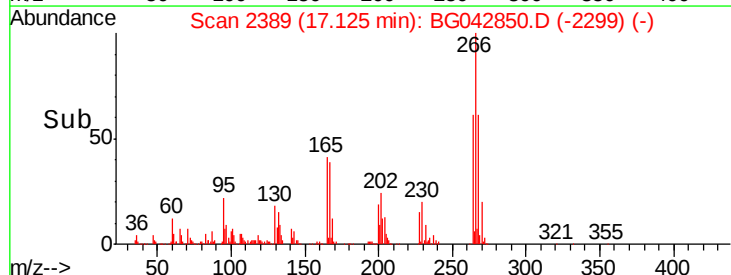
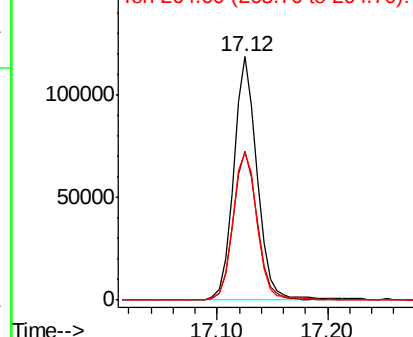


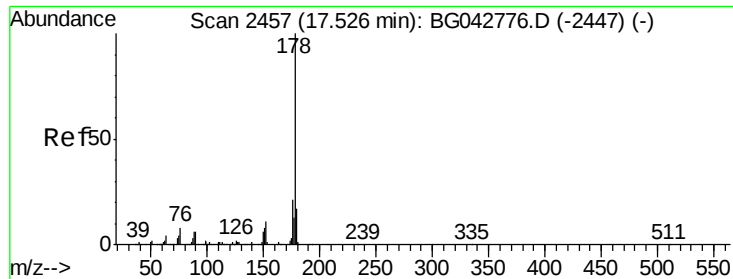
#70
 Pentachlorophenol
 Concen: 40.903 ng
 RT: 17.12 min Scan# 2389
 Delta R.T. -0.00 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.3	56.2	84.4
264	60.7	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: 40.373 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Instrument :

BNA_G

ClientSampled :

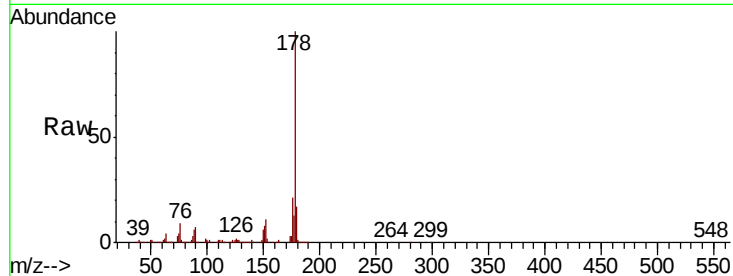
Tot Ion:178 Resp: 1088892

Ion Ratio Lower Upper

178 100

176 21.4 17.0 25.4

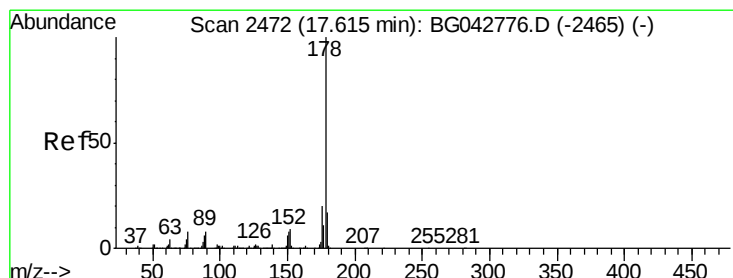
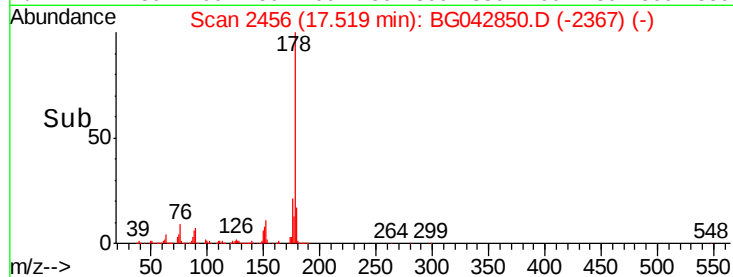
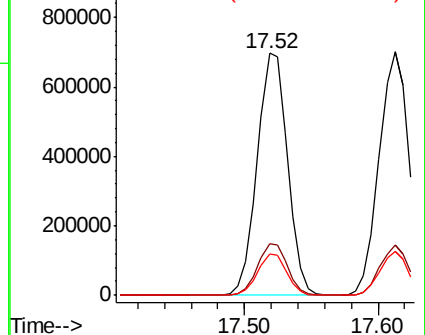
179 17.1 13.6 20.4



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: 40.511 ng

RT: 17.61 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

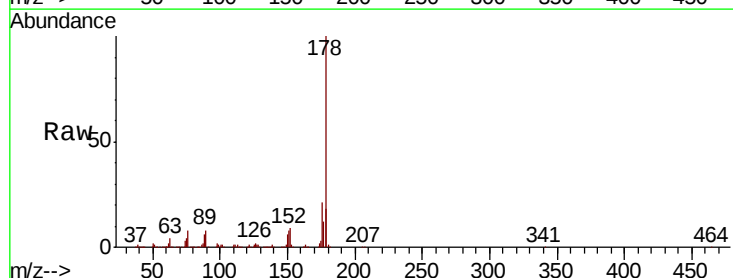
Tgt Ion:178 Resp: 1091593

Ion Ratio Lower Upper

178 100

176 20.8 16.2 24.4

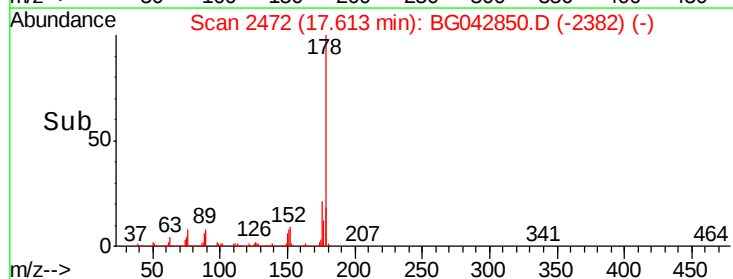
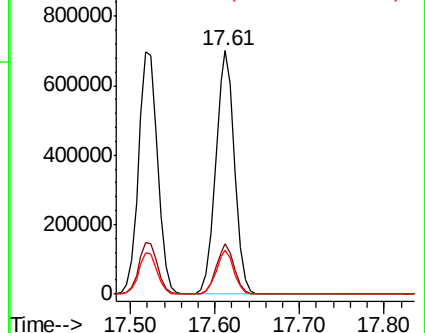
179 18.0 13.6 20.4

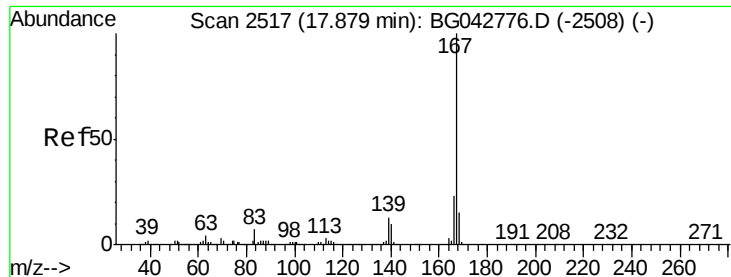


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



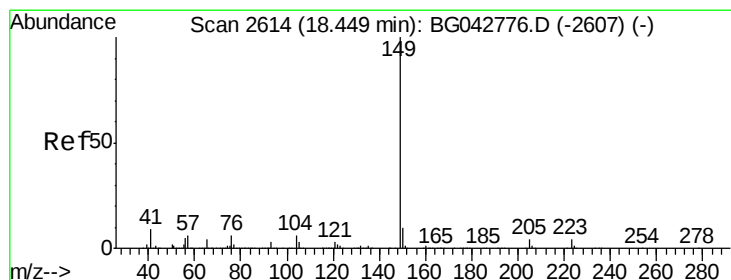
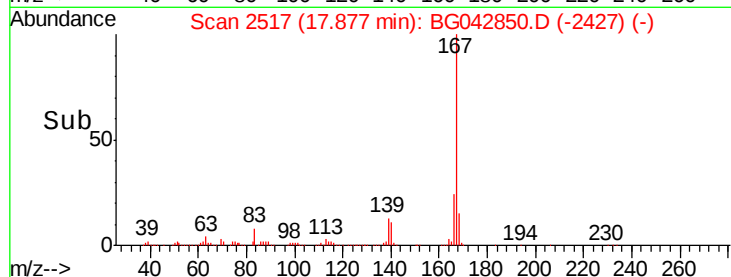
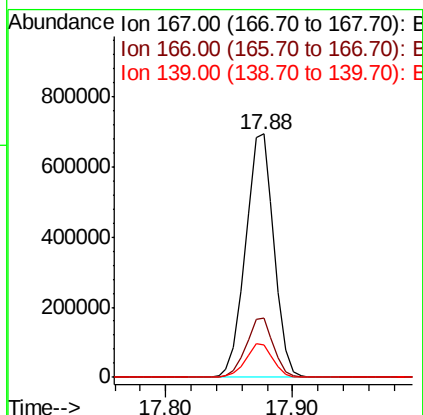
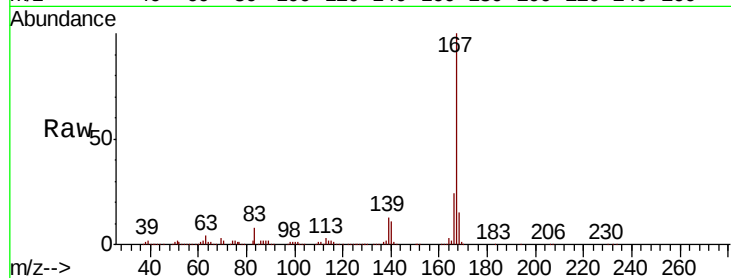


#73
 Carbazole
 Concen: 42.010 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:167 Resp: 1075886

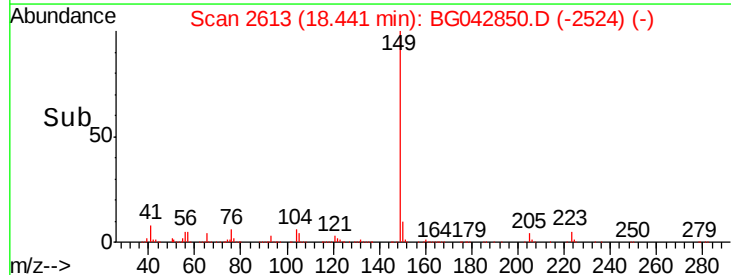
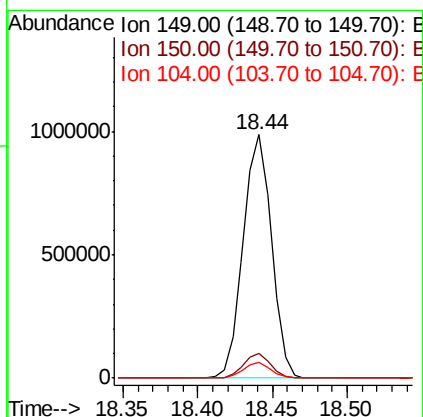
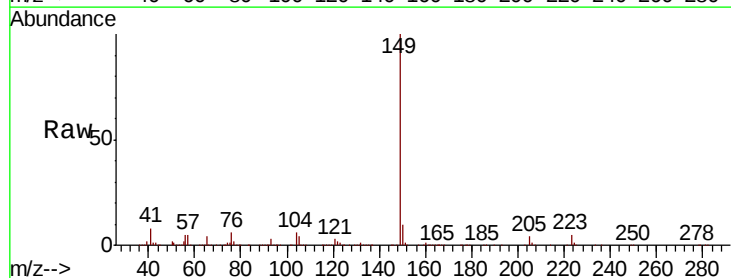
Ion	Ratio	Lower	Upper
167	100		
166	24.4	18.3	27.5
139	13.5	10.2	15.4

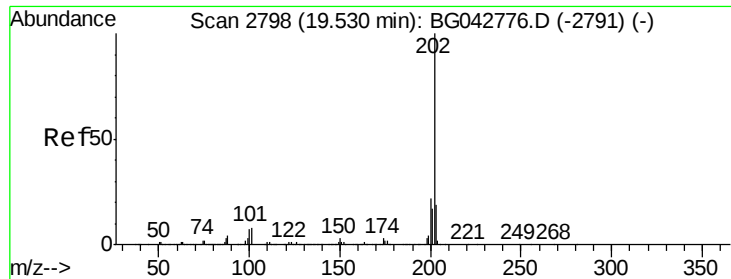


#74
 Di-n-butylphthalate
 Concen: 42.232 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042850.D
 Acq: 16 Sep 2019 15:58

Tgt Ion:149 Resp: 1295624

Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.0	12.0
104	6.2	5.1	7.7





#75

Fluoranthene

Concen: 43.068 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Instrument :

BNA_G

ClientSampled :

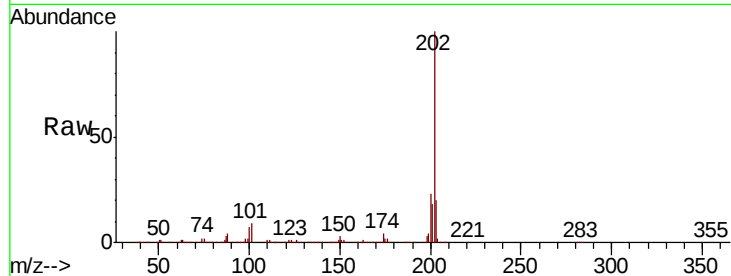
Tot Ion:202 Resp: 1505428

Ion Ratio Lower Upper

202 100

101 8.7 0.0 27.8

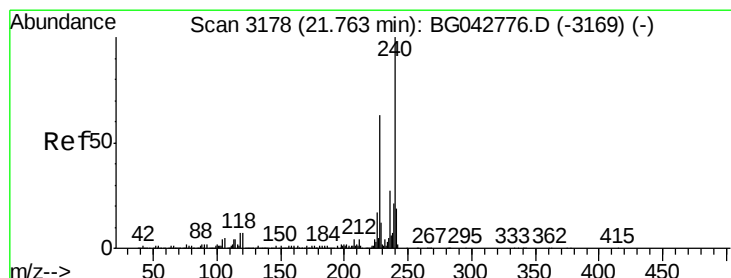
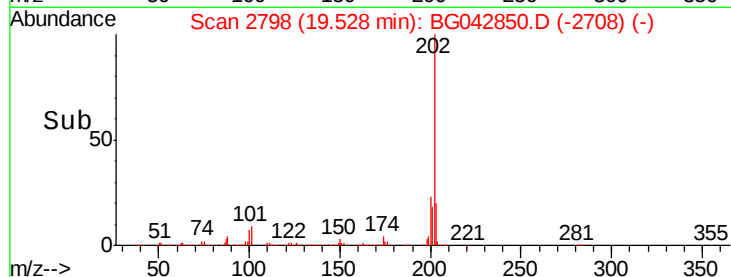
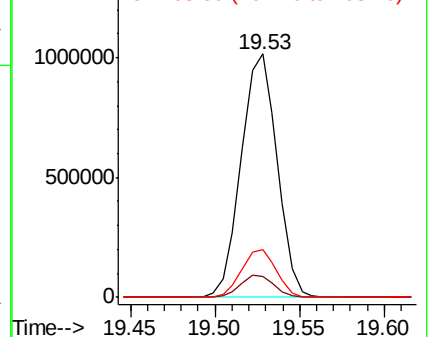
203 19.5 0.0 39.1



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: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

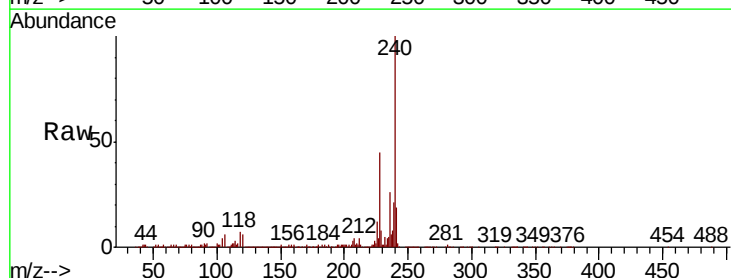
Tgt Ion:240 Resp: 613590

Ion Ratio Lower Upper

240 100

120 6.4 5.4 8.2

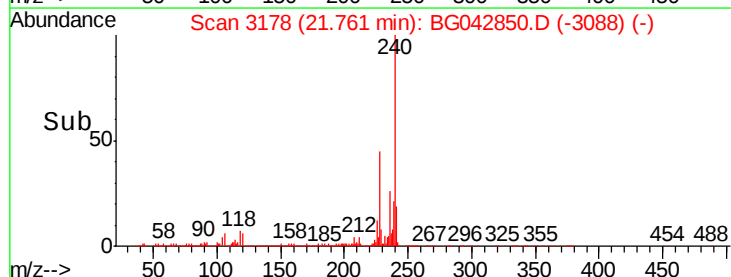
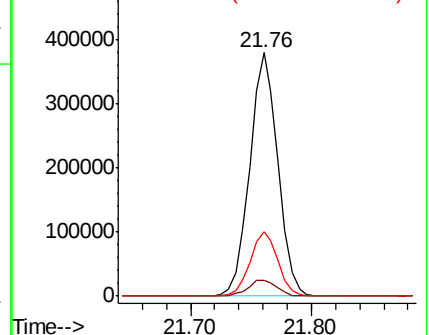
236 26.3 21.7 32.5

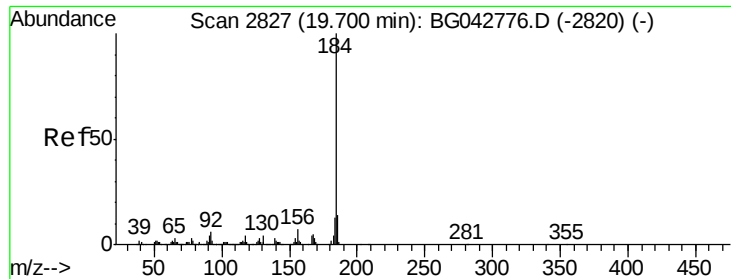


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.668 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Instrument :

BNA_G

ClientSampleId :

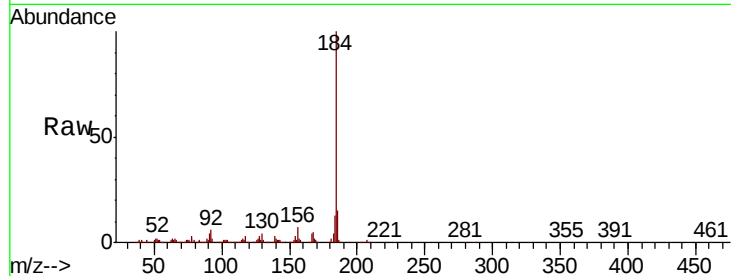
Tot Ion:184 Resp: 645739

Ion Ratio Lower Upper

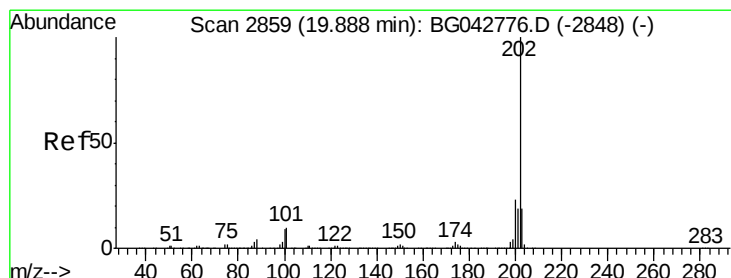
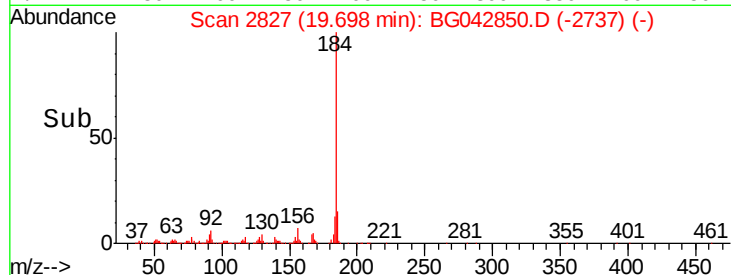
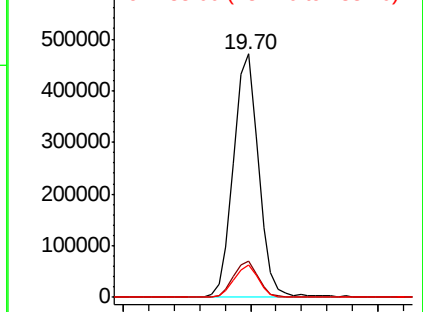
184 100

185 14.8 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: 39.733 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

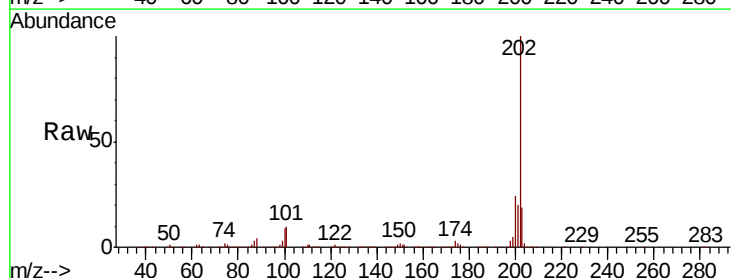
Tgt Ion:202 Resp: 1526319

Ion Ratio Lower Upper

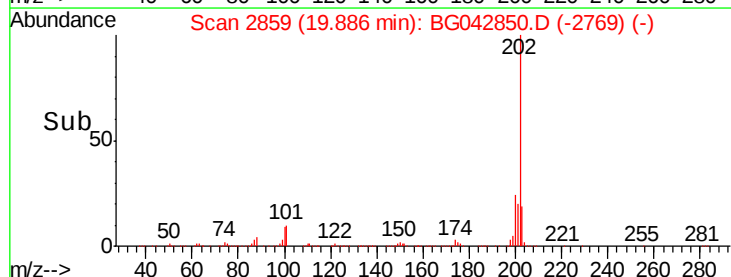
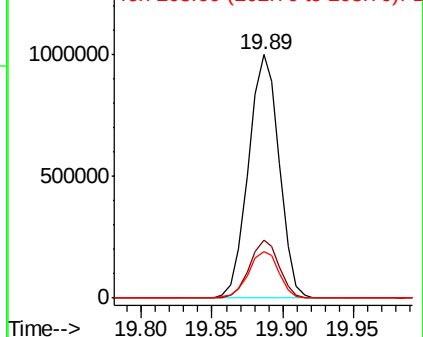
202 100

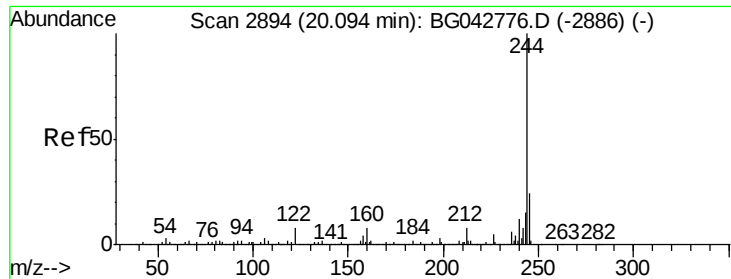
200 23.7 18.5 27.7

203 19.2 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: 78.772 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Instrument :

BNA_G

ClientSampleId :

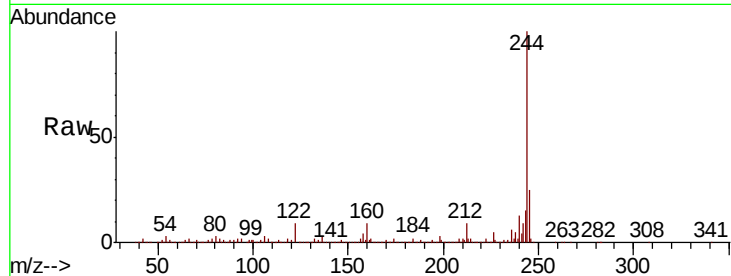
Tot Ion:244 Resp: 2180862

Ion Ratio Lower Upper

244 100

212 9.0 6.6 10.0

122 9.0 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

2000000

1500000

1000000

500000

0

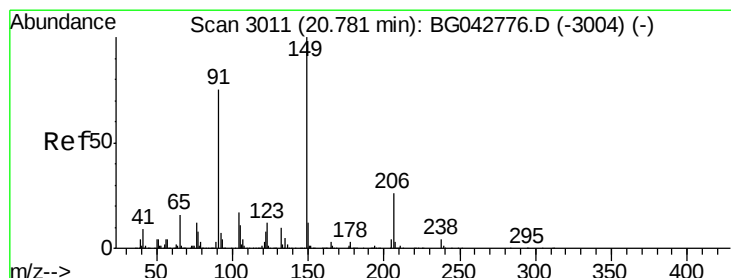
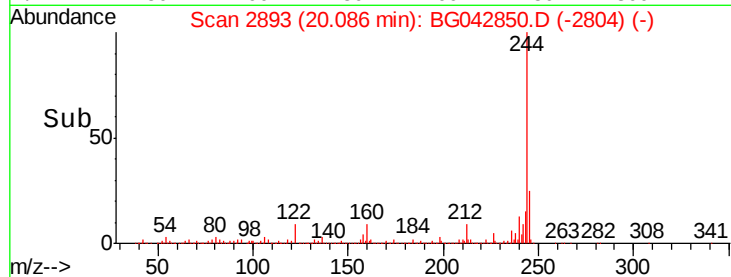
20.09

20.05

20.10

20.15

Time-->



#80

Butylbenzylphthalate

Concen: 41.045 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

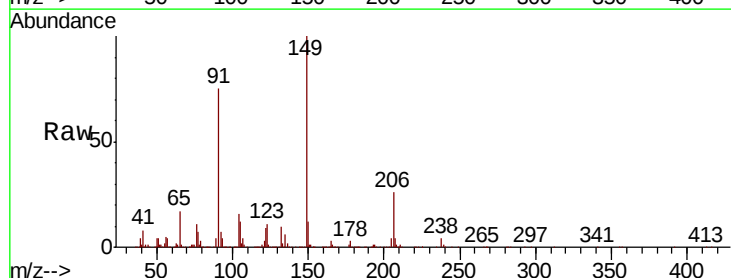
Tgt Ion:149 Resp: 638123

Ion Ratio Lower Upper

149 100

91 75.5 60.2 90.2

206 25.9 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

600000

400000

200000

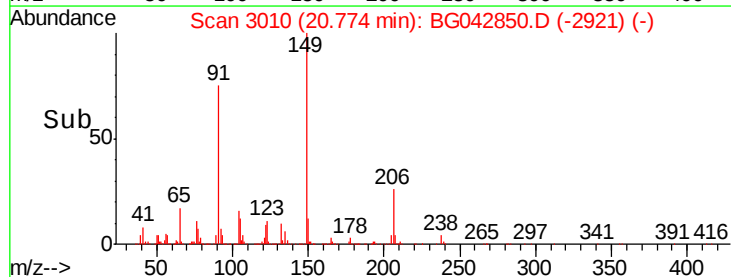
0

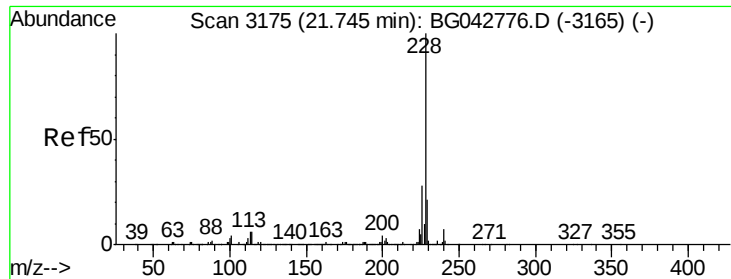
20.77

20.70

20.80

Time-->





#81

Benzo(a)anthracene

Concen: 39.601 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

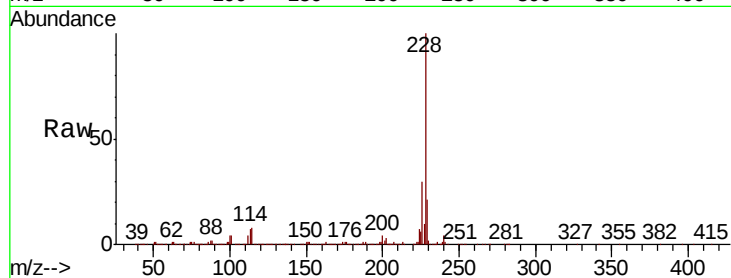
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1544941

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.5	33.7
229	21.2	17.2	25.8

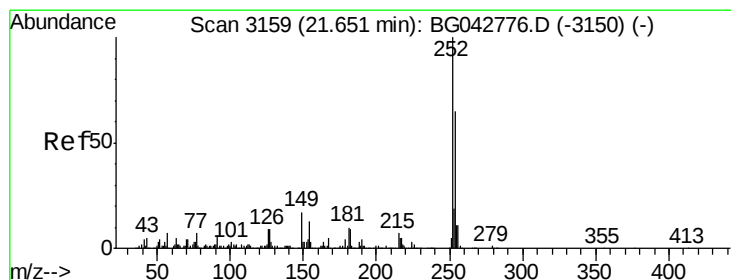
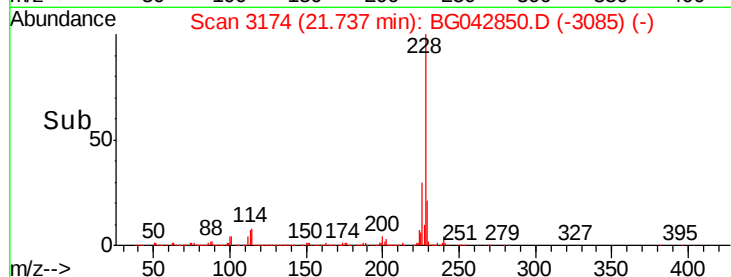
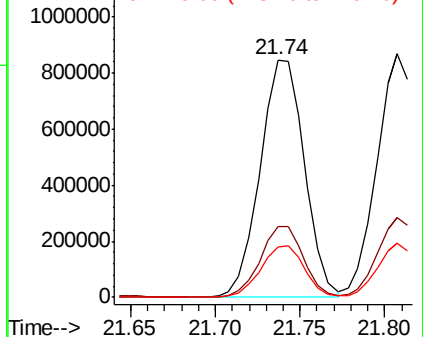


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.608 ng

RT: 21.65 min Scan# 3159

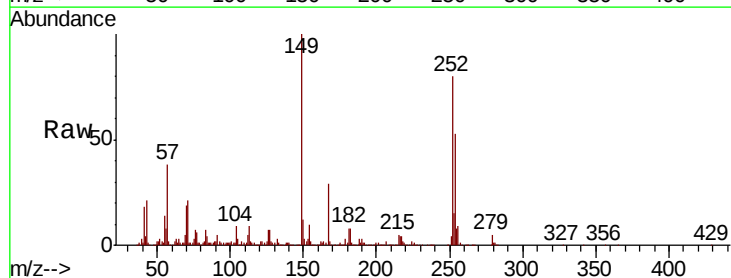
Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Tgt Ion:252 Resp: 600506

Ion	Ratio	Lower	Upper
252	100		
254	66.2	52.2	78.2
126	8.5	7.0	10.4

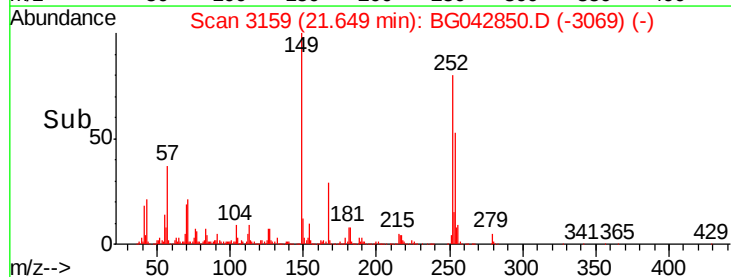
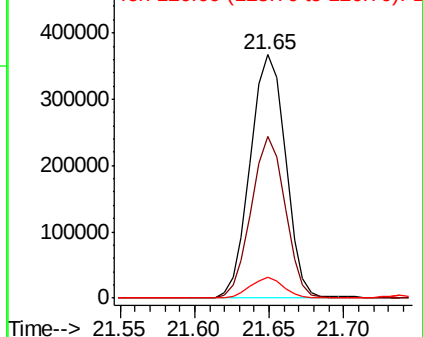


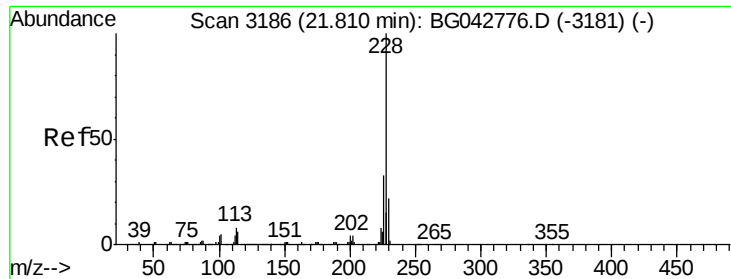
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

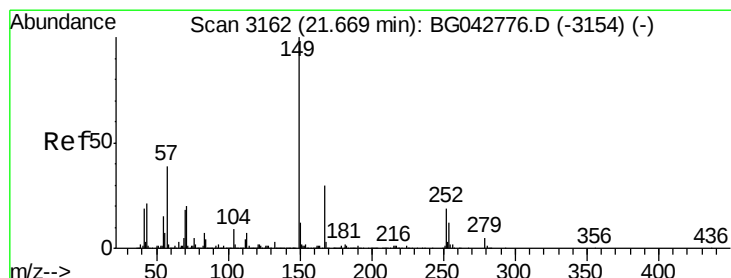
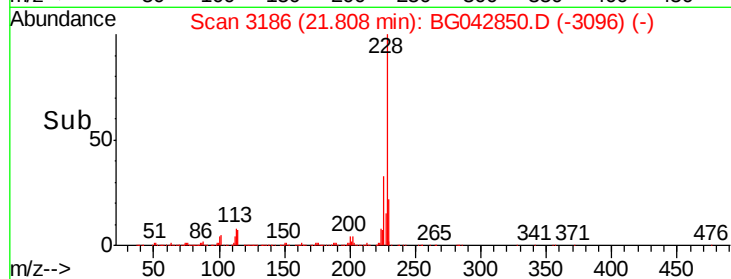
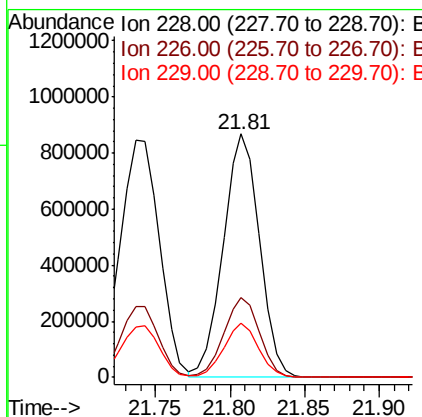
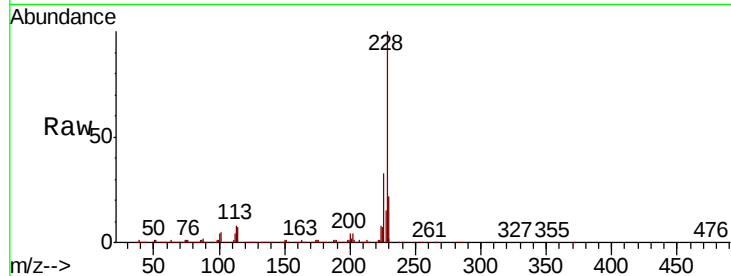




#83
Chrysene
Concen: 39.833 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

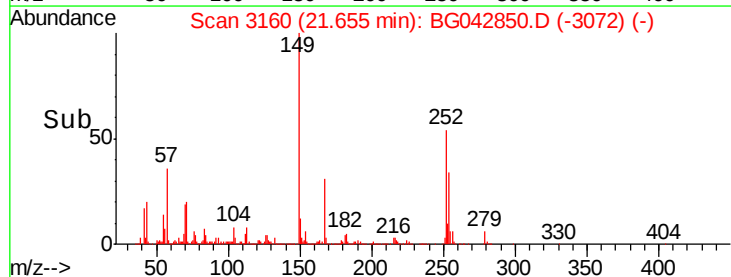
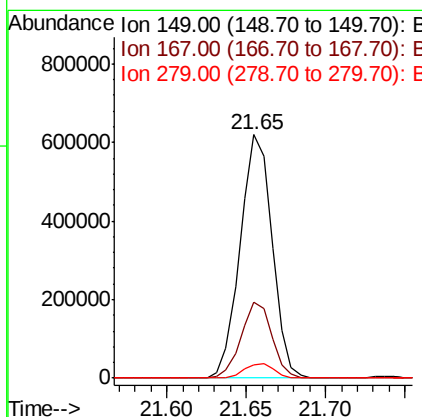
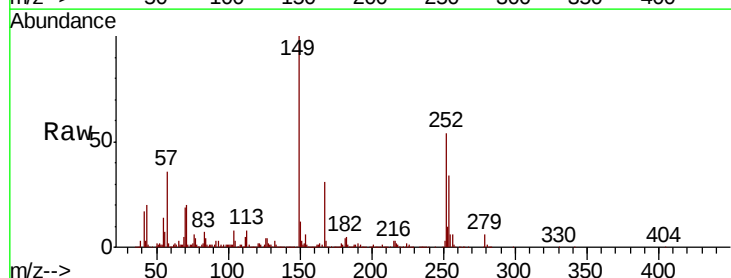
Instrument :
BNA_G
ClientSampleId :

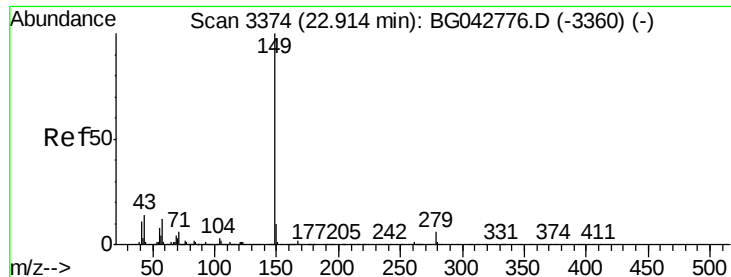
Tot Ion:228 Resp: 1471999
Ion Ratio Lower Upper
228 100
226 32.6 26.0 39.0
229 22.5 17.1 25.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.858 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

Tgt Ion:149 Resp: 867935
Ion Ratio Lower Upper
149 100
167 31.3 24.3 36.5
279 5.6 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 40.657 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Instrument :

BNA_G

ClientSampled :

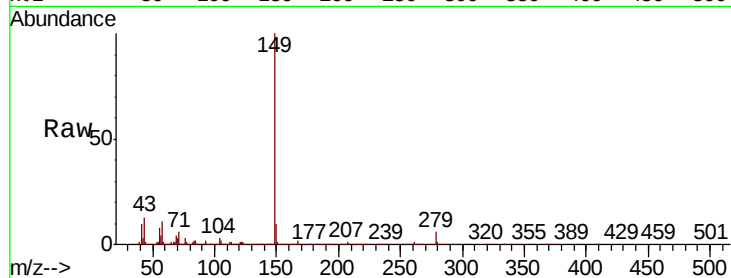
Tot Ion:149 Resp: 1472347

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

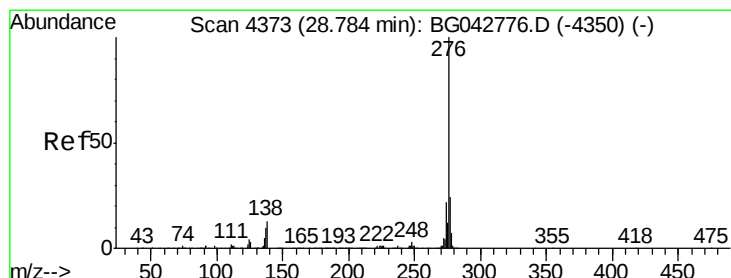
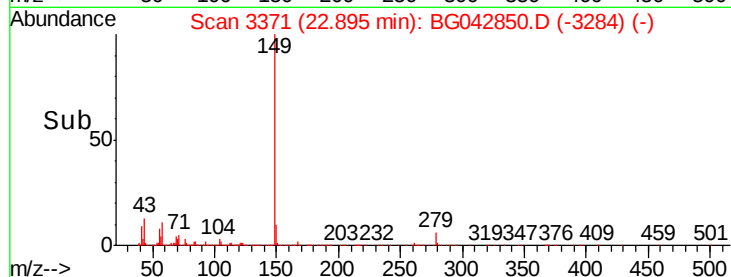
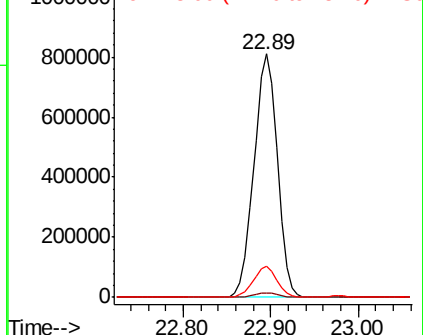
43 12.7 10.6 15.8



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: 39.887 ng

RT: 28.77 min Scan# 4371

Delta R.T. -0.01 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

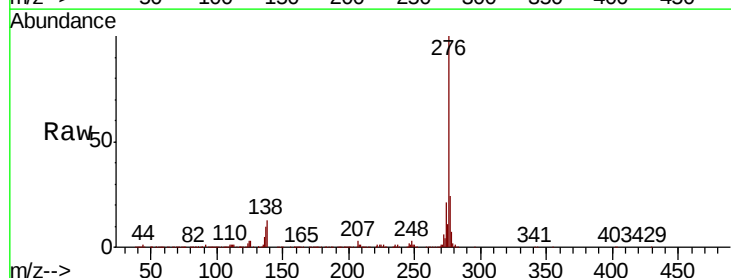
Tgt Ion:276 Resp: 1825348

Ion Ratio Lower Upper

276 100

138 17.2 9.3 13.9#

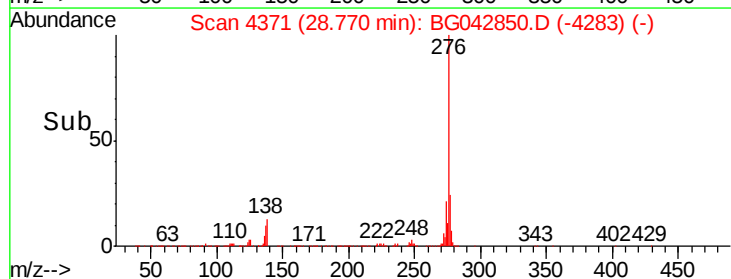
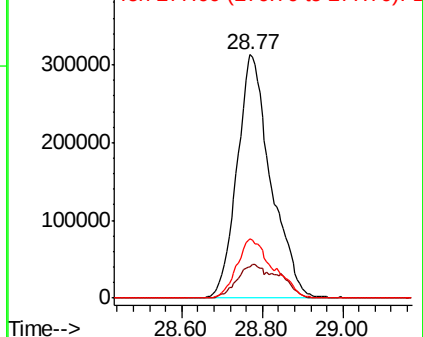
277 26.1 17.2 25.8#

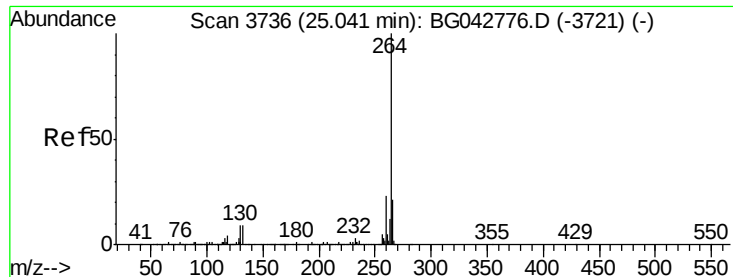


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.03 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Instrument :

BNA_G

ClientSampleId :

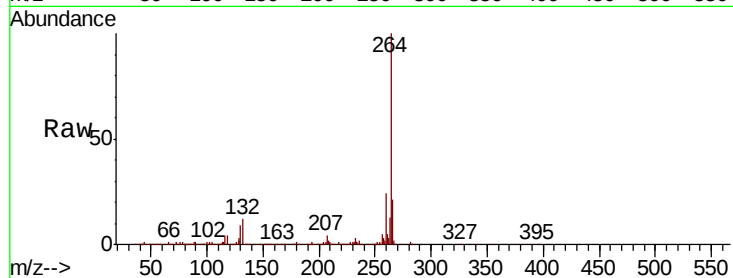
Tot Ion:264 Resp: 686114

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	21.0	16.9	25.3

264 100

260 24.0 18.2 27.2

265 21.0 16.9 25.3

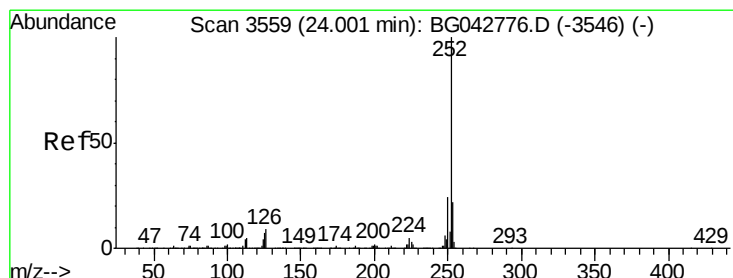
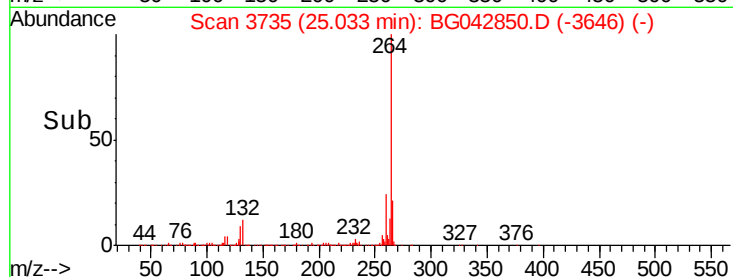
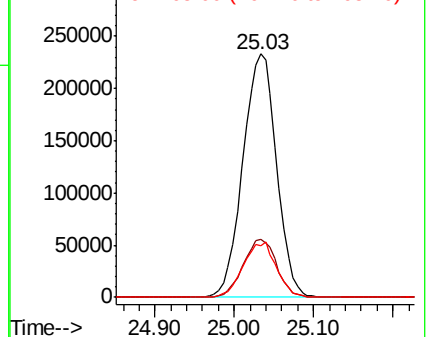


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.627 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.00 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

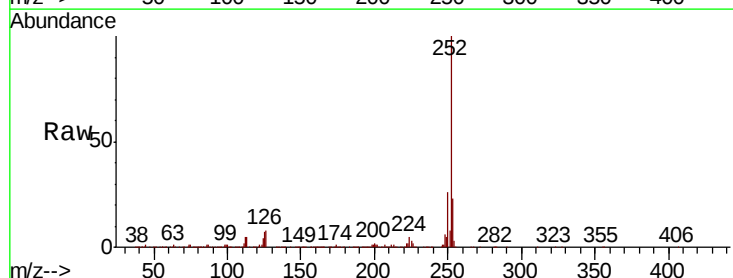
Tgt Ion:252 Resp: 1596462

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	7.0	5.6	8.4

252 100

253 23.1 17.9 26.9

125 7.0 5.6 8.4

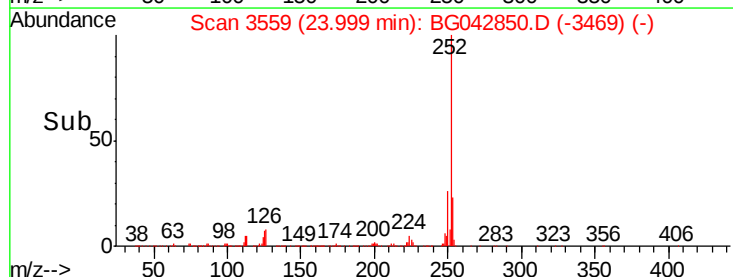
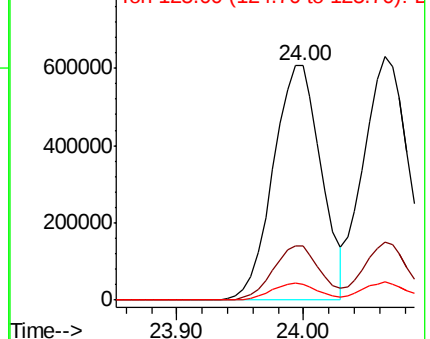


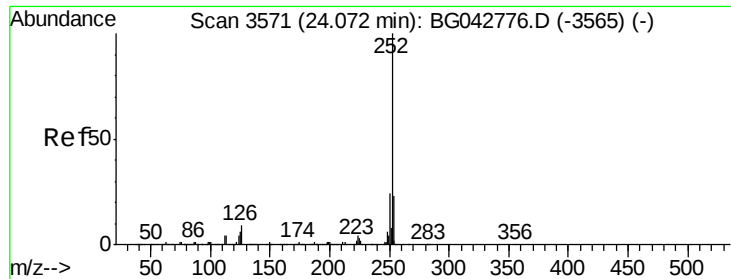
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

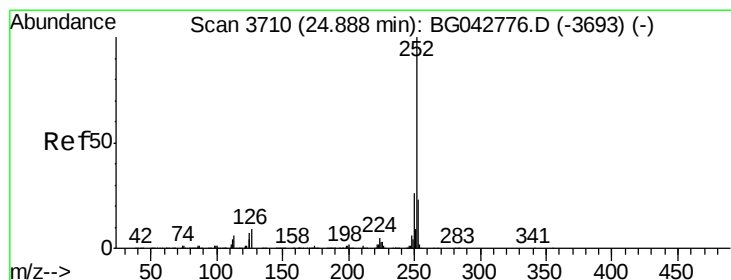
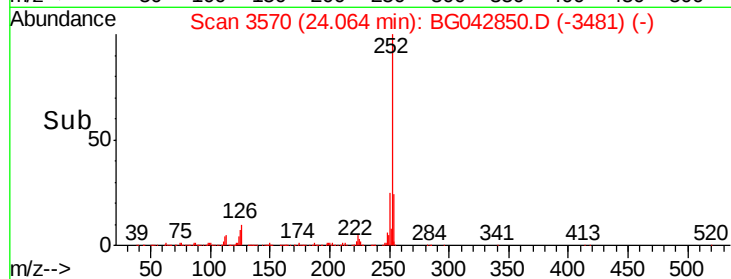
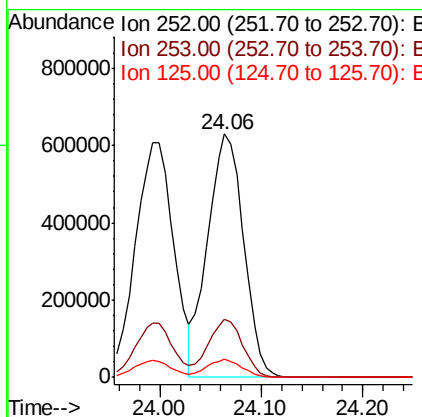
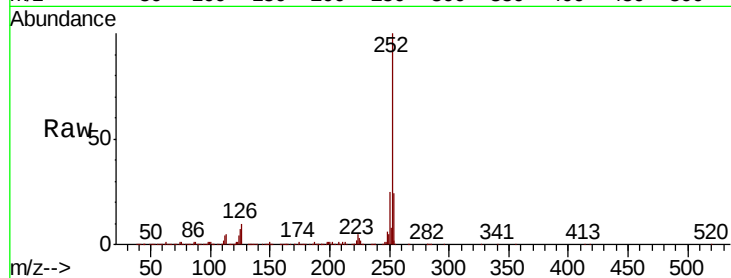




#89
Benzo(k)fluoranthene
Concen: 40.648 ng
RT: 24.06 min Scan# 3570
Delta R.T. -0.01 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

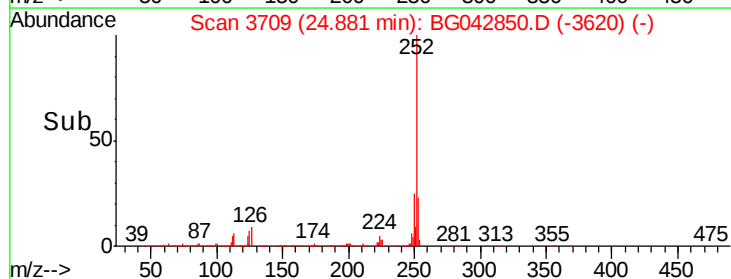
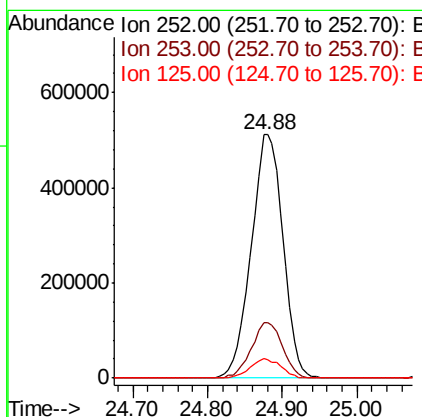
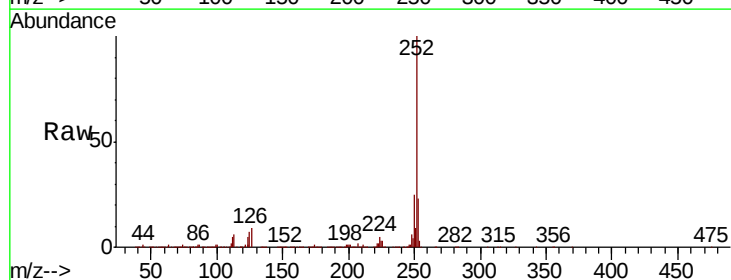
Instrument :
BNA_G
ClientSampleId :

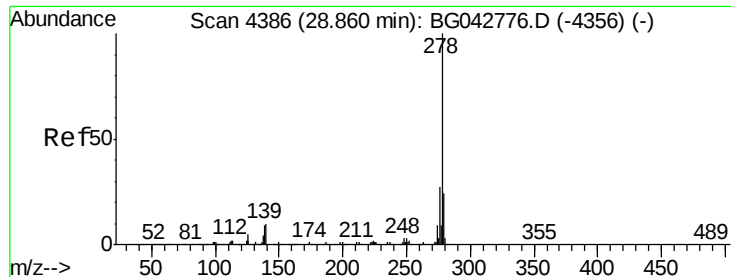
Tot Ion:252 Resp: 1546907
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.4
125 7.3 5.3 7.9



#90
Benzo(a)pyrene
Concen: 40.062 ng
RT: 24.88 min Scan# 3709
Delta R.T. -0.01 min
Lab File: BG042850.D
Acq: 16 Sep 2019 15:58

Tgt Ion:252 Resp: 1511268
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 7.5 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 40.071 ng

RT: 28.84 min Scan# 4383

Delta R.T. -0.02 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

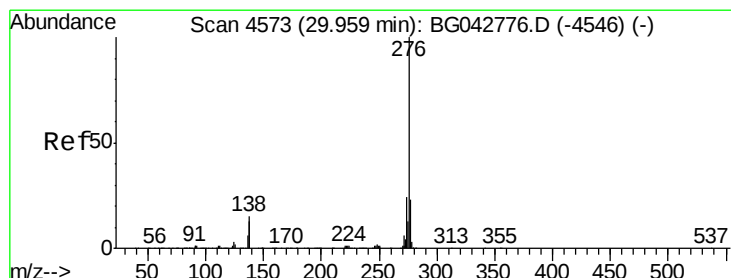
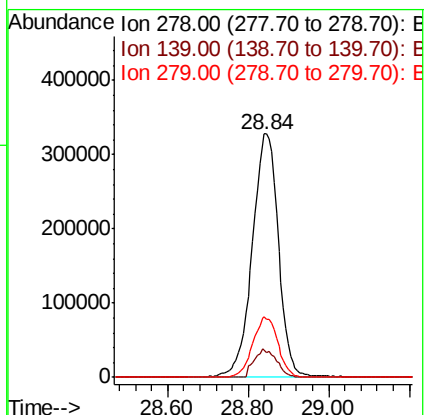
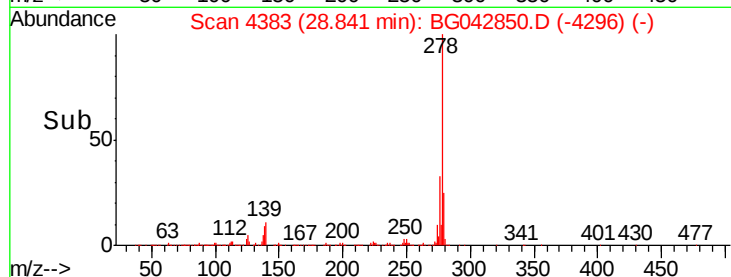
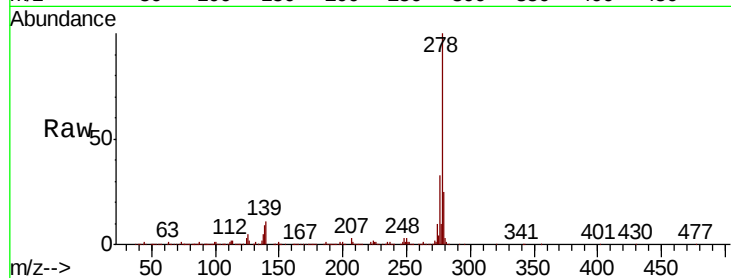
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1486730

Ion	Ratio	Lower	Upper
278	100		
139	11.3	8.2	12.2
279	25.1	19.4	29.2



#92

Benzo(g,h,i)perylene

Concen: 39.991 ng

RT: 29.95 min Scan# 4571

Delta R.T. -0.01 min

Lab File: BG042850.D

Acq: 16 Sep 2019 15:58

Tgt Ion:276 Resp: 1447268

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.4	27.6
138	14.6	11.8	17.8

