

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
 Data File : BG032893.D
 Acq On : 28 Feb 2018 18:35
 Operator : SJ/JU
 Sample : J1403-08MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 01 01:26:27 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	85124	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	374191	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	207203	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	440588	20.00	ng	0.00
75) Chrysene-d12	22.62	240	395184	20.00	ng	-0.01
86) Perylene-d12	26.43	264	421998	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	726408	136.52	ng	0.00
7) Phenol-d6	8.02	99	877505	118.32	ng	0.00
23) Nitrobenzene-d5	10.13	82	613690	110.45	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	323060	148.28	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1252227	87.16	ng	0.00
78) Terphenyl-d14	20.78	244	1676374	95.31	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.98	88	90307	39.108	ng	89
3) Pyridine	4.45	79	174283	27.383	ng	96
4) n-Nitrosodimethylamine	4.34	42	125818	49.307	ng	# 94
6) Aniline	8.21	93	141778	14.123	ng	96
8) 2-Chlorophenol	8.47	128	275990	47.390	ng	93
9) Benzaldehyde	8.02	77	112464	26.311	ng	90
10) Phenol	8.05	94	297784	39.831	ng	94
11) bis(2-Chloroethyl)ether	8.30	93	268755	43.963	ng	96
12) 1,3-Dichlorobenzene	8.81	146	281800	41.312	ng	97
13) 1,4-Dichlorobenzene	8.96	146	282833	41.192	ng	97
14) 1,2-Dichlorobenzene	9.29	146	268566	40.818	ng	98
15) Benzyl Alcohol	9.15	79	241933	44.374	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.45	45	449596	42.781	ng	98
17) 2-Methylphenol	9.35	107	233065	42.276	ng	96
18) Hexachloroethane	10.05	117	104101	44.529	ng	# 82
19) n-Nitroso-di-n-propylamine	9.73	70	218588	41.749	ng	# 96
20) 3+4-Methylphenols	9.68	107	319075	41.626	ng	94
22) Acetophenone	9.76	105	405005	42.857	ng	# 95
24) Nitrobenzene	10.17	77	300669	50.068	ng	92
25) Isophorone	10.69	82	592218	45.091	ng	# 93
26) 2-Nitrophenol	10.89	139	144845	62.151	ng	91
27) 2,4-Dimethylphenol	10.92	122	294564	51.628	ng	91
28) bis(2-Chloroethoxy)methane	11.16	93	363589	47.520	ng	94
29) 2,4-Dichlorophenol	11.43	162	259033	50.023	ng	95
30) 1,2,4-Trichlorobenzene	11.66	180	251035	41.356	ng	99
31) Naphthalene	11.86	128	931174	47.623	ng	99
32) Benzoic acid	11.04	122	160106	45.952	ng	# 80
33) 4-Chloroaniline	11.95	127	85704	9.803	ng	96
34) Hexachlorobutadiene	12.12	225	136752	40.165	ng	98
35) Caprolactam	12.69	113	71649	34.555	ng	# 87
36) 4-Chloro-3-methylphenol	13.00	107	296048	49.128	ng	91
37) 2-Methylnaphthalene	13.41	142	626897	44.316	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	258477	42.023	ng	# 97
40) Hexachlorocyclopentadiene	13.74	237	313310	99.949	ng	92

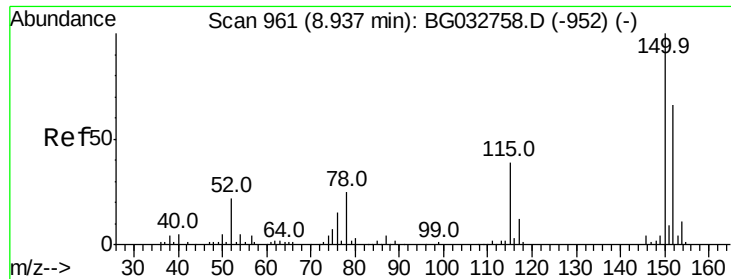
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
 Data File : BG032893.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	192674	49.671	ng	99
43) 2,4,5-Trichlorophenol	14.06	196	208299	46.397	ng	# 98
45) 1,1'-Biphenyl	14.38	154	762123	42.092	ng	93
46) 2-Chloronaphthalene	14.44	162	580075	42.888	ng	99
47) 2-Nitroaniline	14.61	65	192193	54.635	ng	90
48) Acenaphthylene	15.27	152	930999	42.043	ng	97
49) Dimethylphthalate	14.96	163	739471	42.031	ng	99
50) 2,6-Dinitrotoluene	15.09	165	164318	54.866	ng	88
51) Acenaphthene	15.60	154	654332	47.447	ng	99
52) 3-Nitroaniline	15.42	138	71266	24.217	ng	# 79
53) 2,4-Dinitrophenol	15.62	184	152182	132.522	ng	# 81
54) Dibenzofuran	15.93	168	867081	44.156	ng	94
55) 4-Nitrophenol	15.69	139	253791	87.374	ng	# 81
56) 2,4-Dinitrotoluene	15.86	165	222392	60.772	ng	85
57) Fluorene	16.57	166	695668	42.923	ng	99
58) 2,3,4,6-Tetrachlorophenol	16.06	232	174077	49.942	ng	94
59) Diethylphthalate	16.30	149	773681	41.693	ng	98
60) 4-Chlorophenyl-phenylether	16.55	204	346698	43.728	ng	94
61) 4-Nitroaniline	16.57	138	155796	41.688	ng	84
62) Azobenzene	16.84	77	716913	43.185	ng	97
64) 4,6-Dinitro-2-methylphenol	16.62	198	100730	67.505	ng	96
65) n-Nitrosodiphenylamine	16.76	169	636328	44.396	ng	98
66) 4-Bromophenyl-phenylether	17.44	248	206598	44.346	ng	# 90
67) Hexachlorobenzene	17.56	284	209676	41.648	ng	# 91
68) Atrazine	17.67	200	210417	44.600	ng	95
69) Pentachlorophenol	17.90	266	278811	87.921	ng	97
70) Phenanthrene	18.31	178	1072471	43.631	ng	97
71) Anthracene	18.40	178	1090159	44.176	ng	98
72) Carbazole	18.65	167	1017135	41.817	ng	# 96
73) Di-n-butylphthalate	19.15	149	1269359	42.538	ng	98
74) Fluoranthene	20.26	202	1175596	43.296	ng	94
76) Benzidine	20.42	184	56686	4.208	ng	99
77) Pyrene	20.61	202	1172292	42.065	ng	95
79) Butylbenzylphthalate	21.48	149	597562	48.362	ng	91
80) Benzo(a)anthracene	22.60	228	1114153	43.966	ng	98
81) 3,3'-Dichlorobenzidine	22.48	252	189608	20.202	ng	# 95
82) Chrysene	22.68	228	1044934	43.166	ng	97
83) Bis(2-ethylhexyl)phthalate	22.44	149	850455	46.499	ng	97
84) Di-n-octyl phthalate	23.86	149	1443634	51.784	ng	99
85) Indeno(1,2,3-cd)pyrene	30.87	276	1257593	44.546	ng	98
87) Benzo(b)fluoranthene	25.21	252	1112018	44.567	ng	# 97
88) Benzo(k)fluoranthene	25.29	252	1104590	44.544	ng	# 96
89) Benzo(a)pyrene	26.26	252	1089337	45.901	ng	# 95
90) Dibenzo(a,h)anthracene	30.96	278	1013058	42.408	ng	# 93
91) Benzo(g,h,i)perylene	32.26	276	1048358	44.520	ng	# 91

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

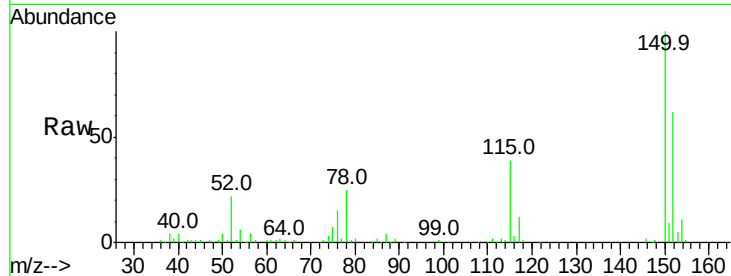


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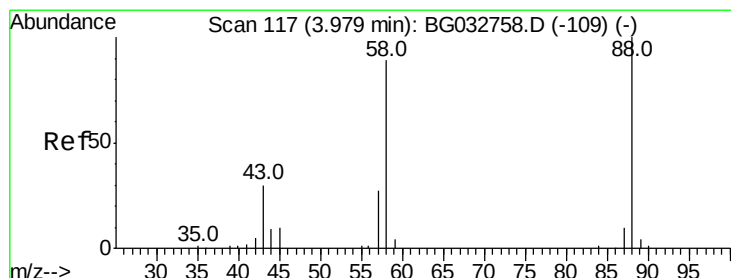
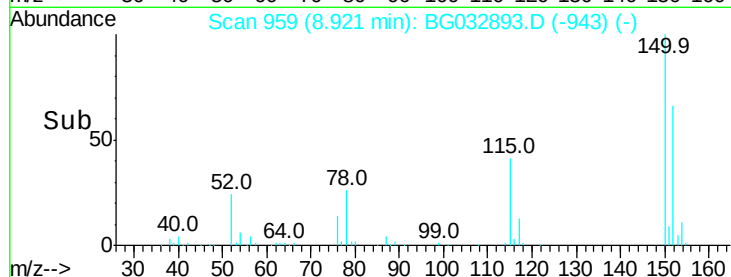
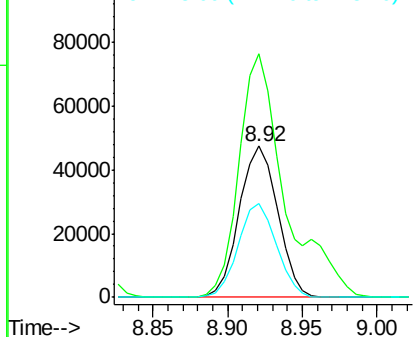
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 85124
Ion Ratio Lower Upper
152 100
150 160.8 126.6 189.8
115 62.0 53.0 79.4



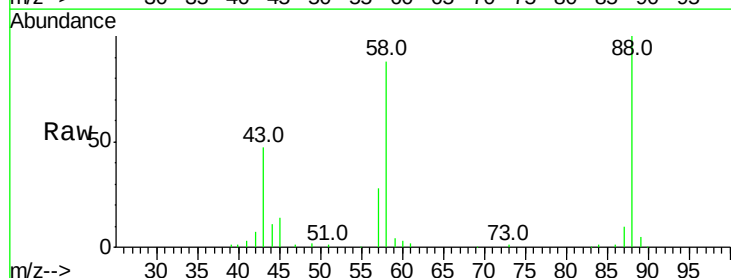
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



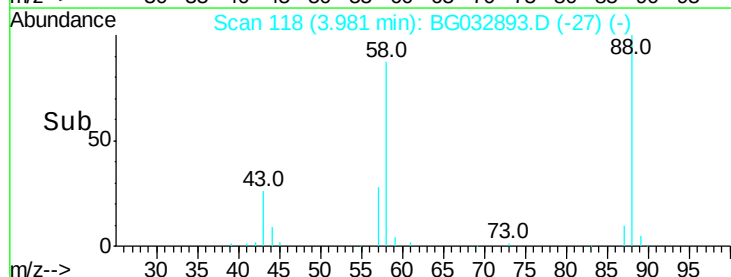
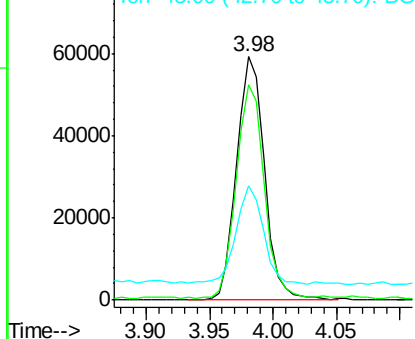
#2

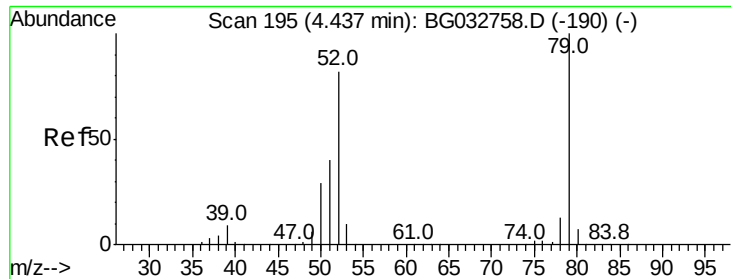
1,4-Dioxane
Concen: 39.108 ng
RT: 3.98 min Scan# 118
Delta R.T. 0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

Tgt Ion: 88 Resp: 90307
Ion Ratio Lower Upper
88 100
58 87.8 79.6 119.4
43 39.1 27.4 41.0



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: 27.383 ng

RT: 4.45 min Scan# 198

Delta R.T. 0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Instrument :

BNA_G

ClientSampleId :

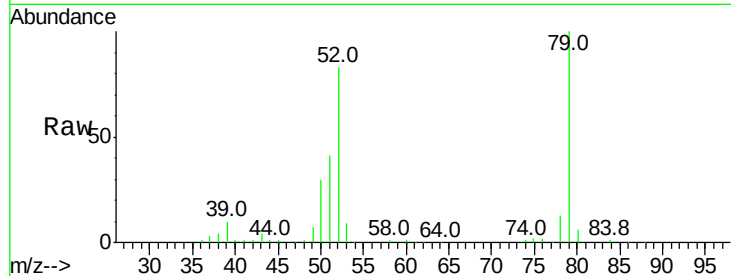
Tot Ion: 79 Resp: 174283

Ion Ratio Lower Upper

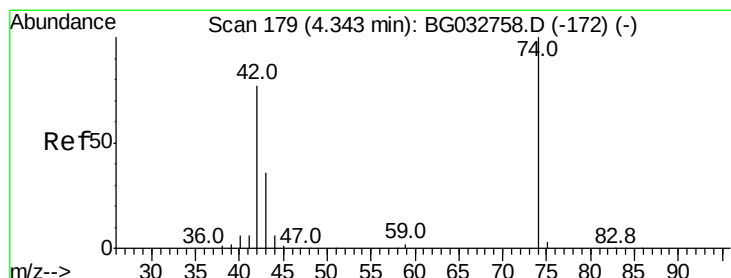
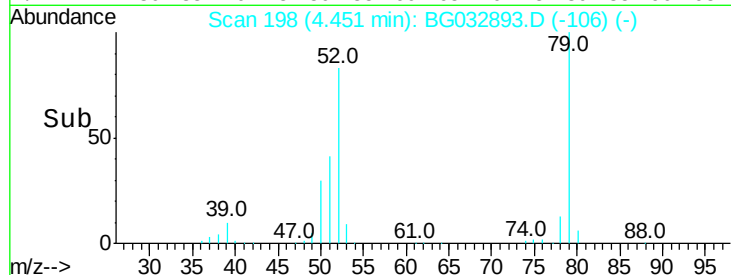
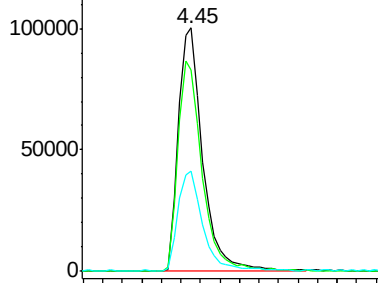
79 100

52 82.7 69.9 104.9

51 41.1 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 49.307 ng

RT: 4.34 min Scan# 179

Delta R.T. 0.00 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

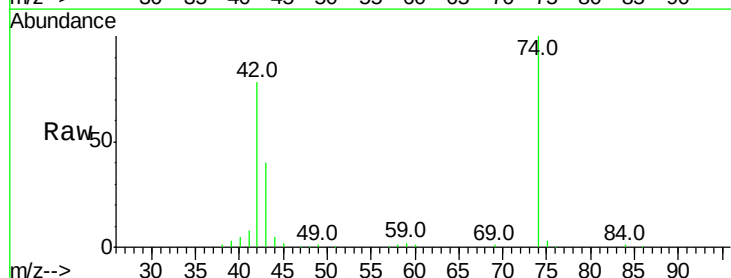
Tgt Ion: 42 Resp: 125818

Ion Ratio Lower Upper

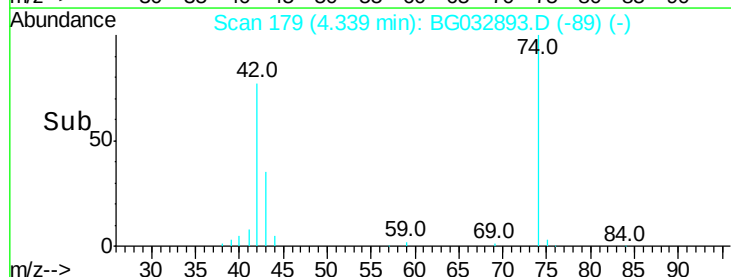
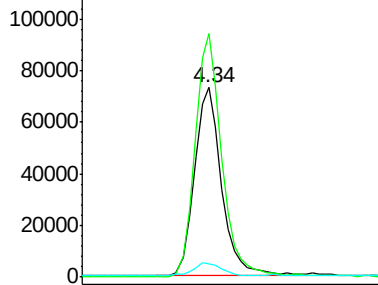
42 100

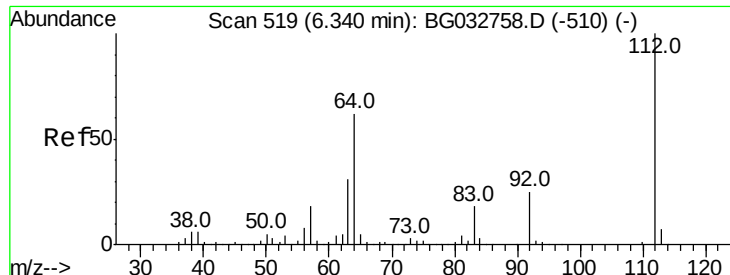
74 128.6 102.5 153.7

44 7.0 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 136.524 ng

RT: 6.34 min Scan# 519

Delta R.T. 0.00 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Instrument :

BNA_G

ClientSampled :

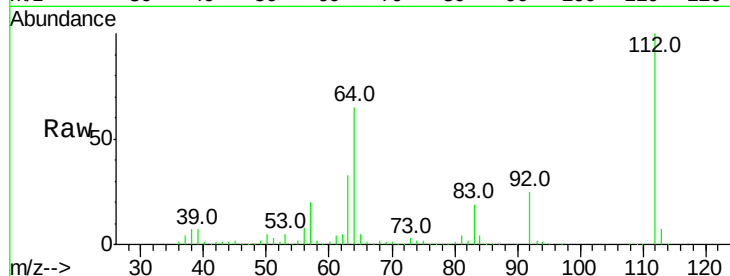
Tot Ion:112 Resp: 726408

Ion Ratio Lower Upper

112 100

64 65.1 56.3 84.5

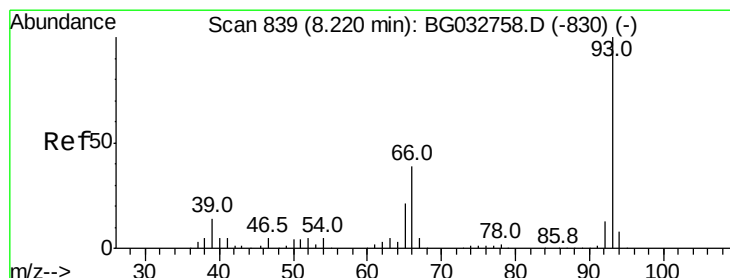
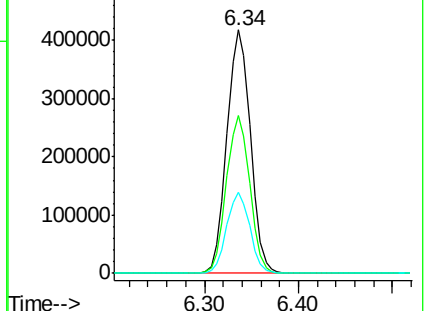
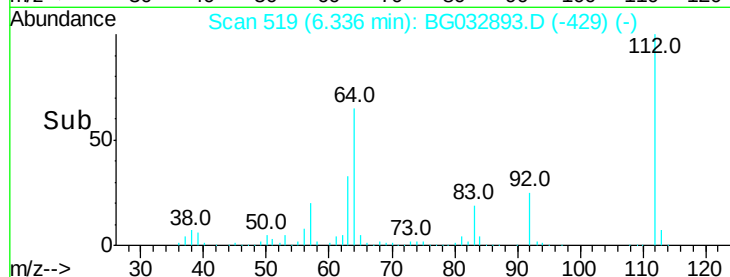
63 33.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.123 ng

RT: 8.21 min Scan# 838

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

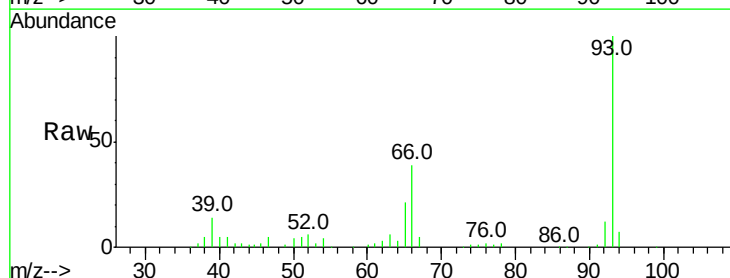
Tgt Ion: 93 Resp: 141778

Ion Ratio Lower Upper

93 100

66 38.6 33.7 50.5

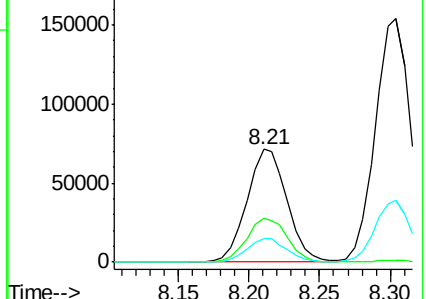
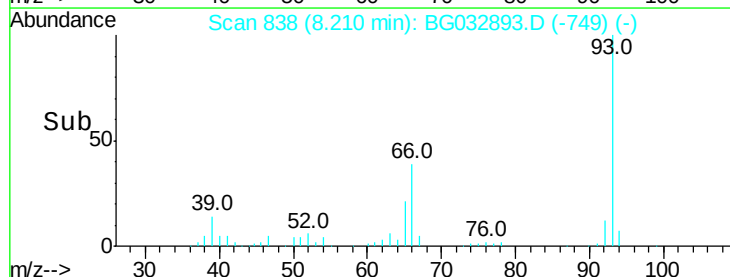
65 21.0 16.1 24.1

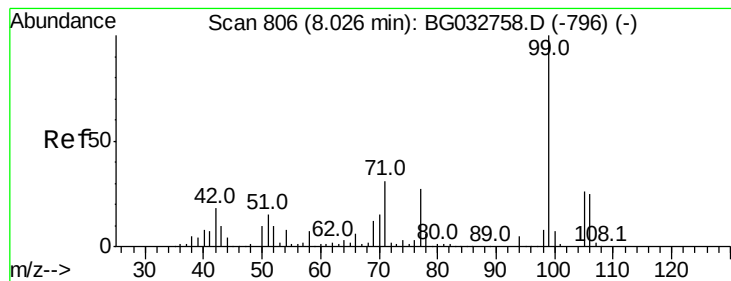


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.320 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Instrument :

BNA_G

ClientSampleId :

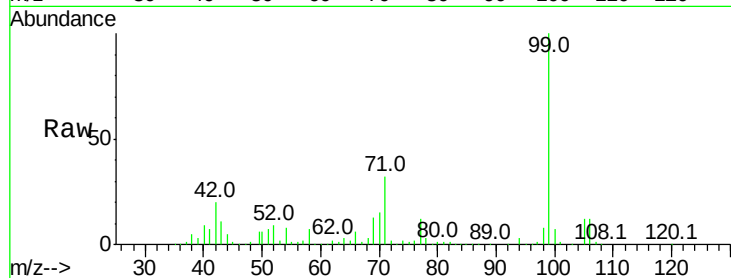
Tot Ion: 99 Resp: 877505

Ion Ratio Lower Upper

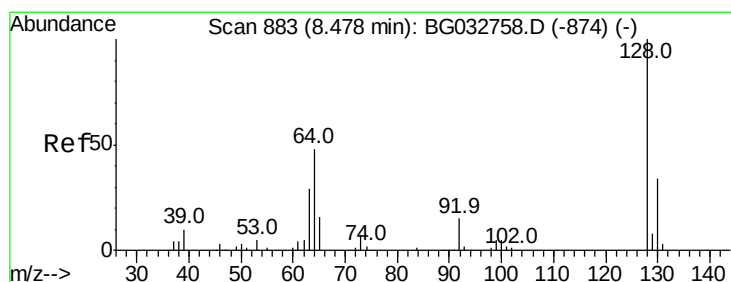
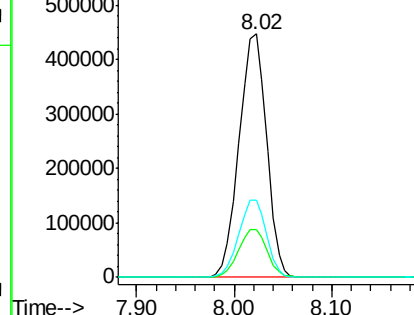
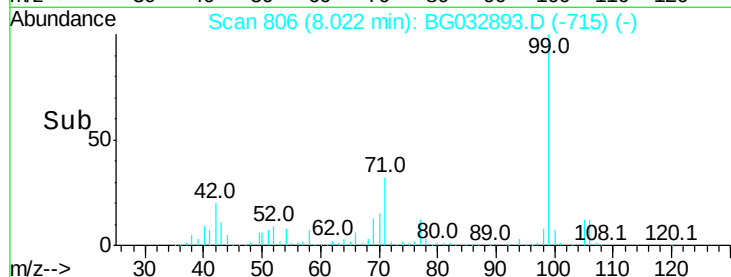
99 100

42 19.7 14.1 21.1

71 31.9 26.1 39.1



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: 47.390 ng

RT: 8.47 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

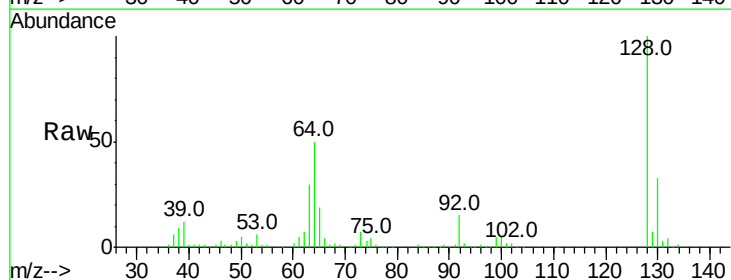
Tgt Ion:128 Resp: 275990

Ion Ratio Lower Upper

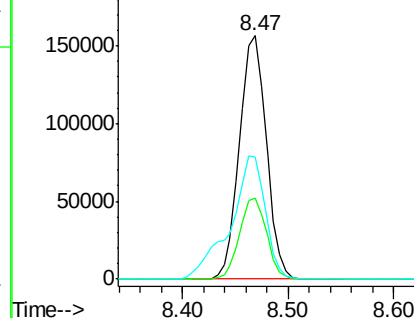
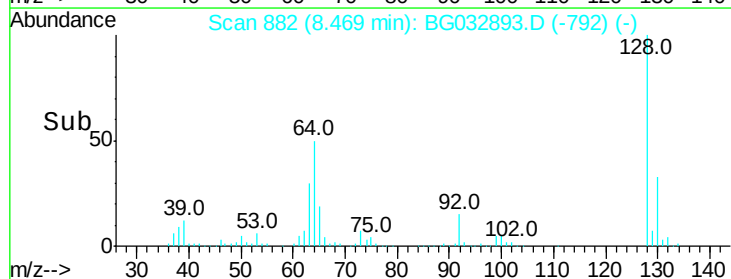
128 100

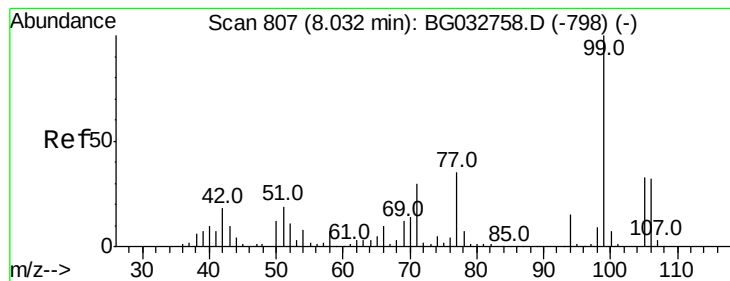
130 33.2 14.0 54.0

64 50.1 37.7 77.7



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





#9

Benzaldehyde

Concen: 26.311 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Instrument :

BNA_G

ClientSampleId :

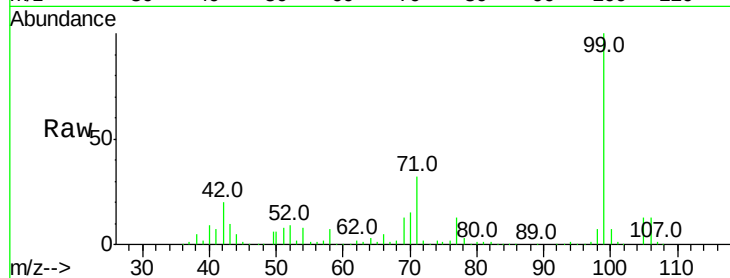
Tot Ion: 77 Resp: 112464

Ion Ratio Lower Upper

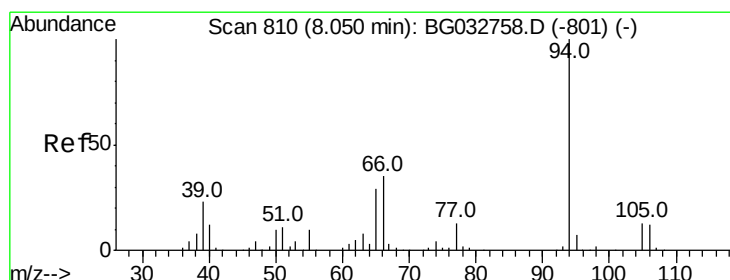
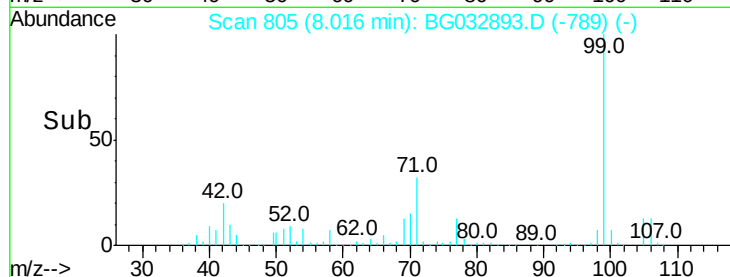
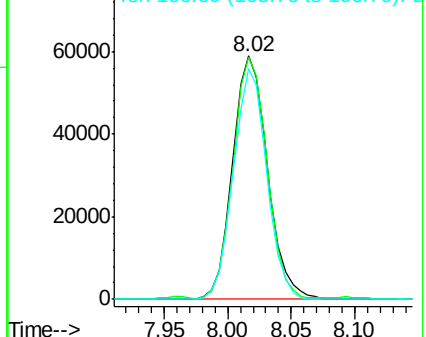
77 100

105 99.8 71.3 111.3

106 94.8 64.2 104.2



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: 39.831 ng

RT: 8.05 min Scan# 810

Delta R.T. 0.00 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

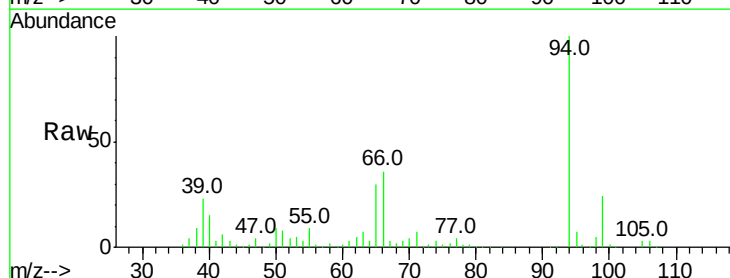
Tgt Ion: 94 Resp: 297784

Ion Ratio Lower Upper

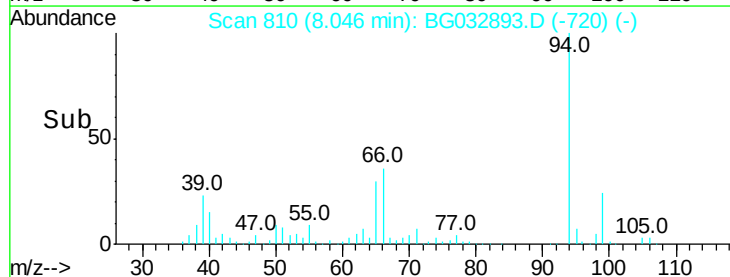
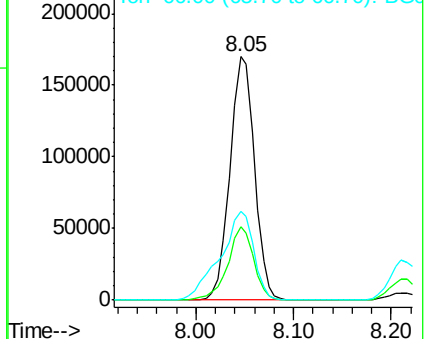
94 100

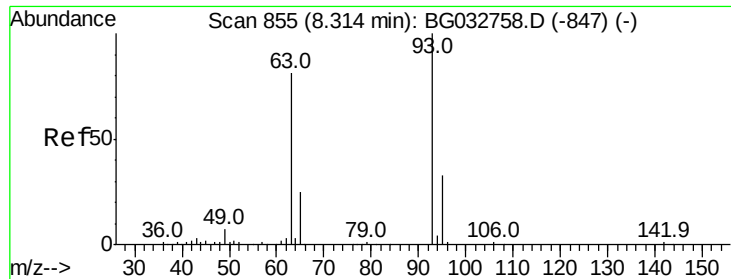
65 30.4 11.9 51.9

66 36.5 22.2 62.2



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

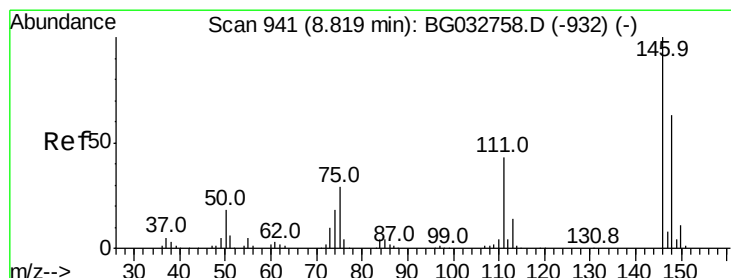
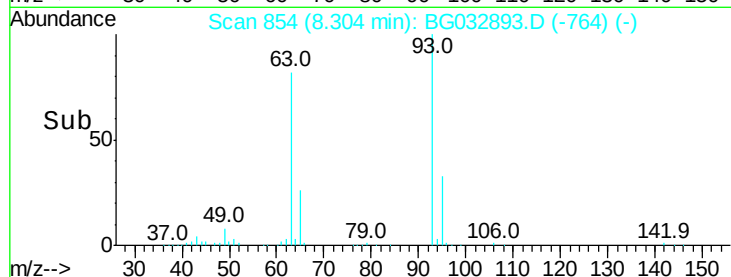
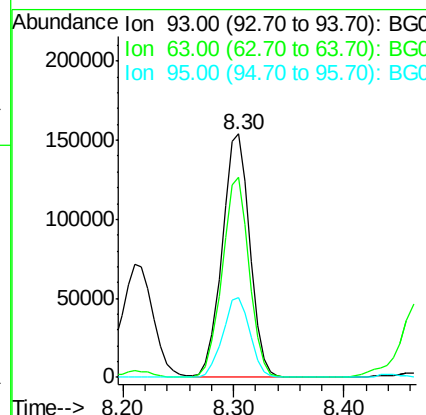
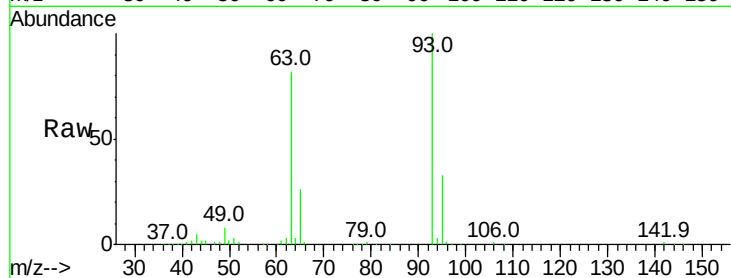




#11
 bis(2-Chloroethyl)ether
 Concen: 43.963 ng
 RT: 8.30 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

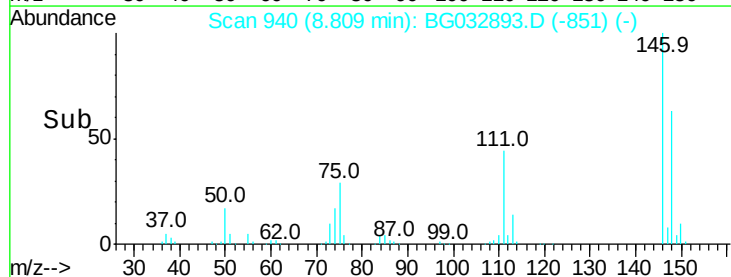
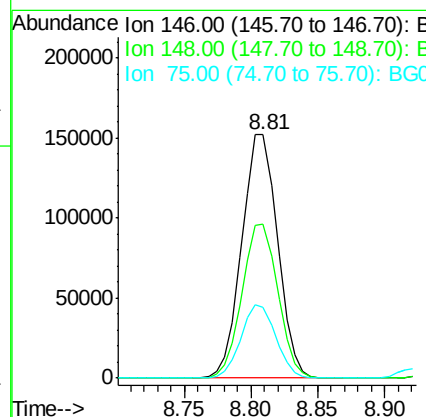
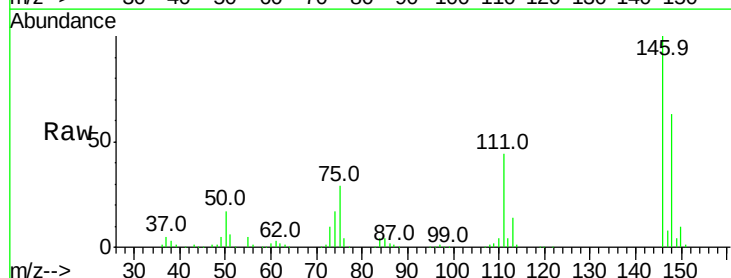
Instrument :
 BNA_G
 ClientSampleId :

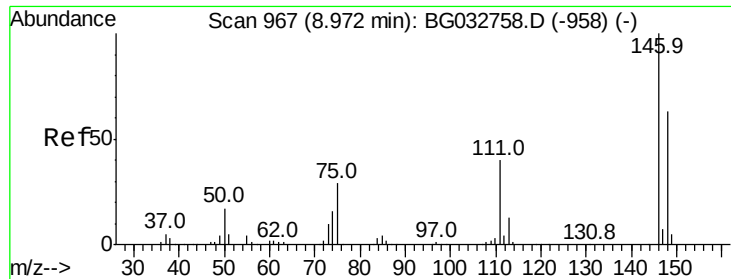
Tot Ion: 93 Resp: 268755
 Ion Ratio Lower Upper
 93 100
 63 82.4 67.1 107.1
 95 32.8 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 41.312 ng
 RT: 8.81 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

Tgt Ion: 146 Resp: 281800
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.4 77.2
 75 29.1 26.6 39.8

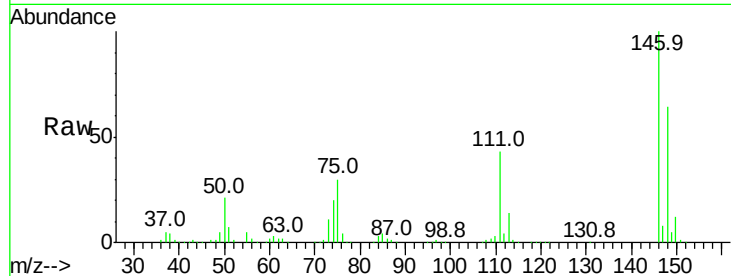




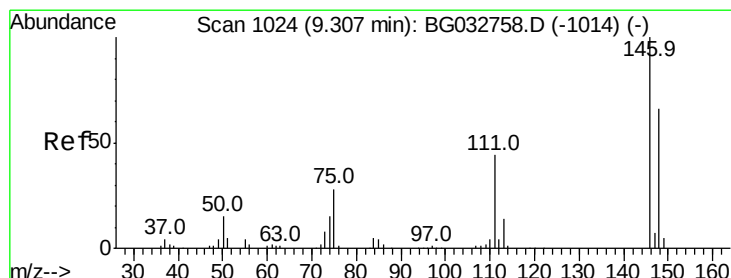
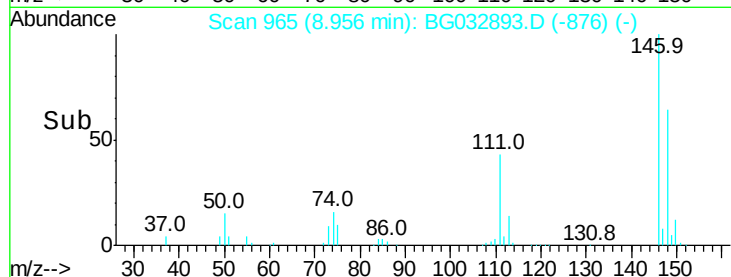
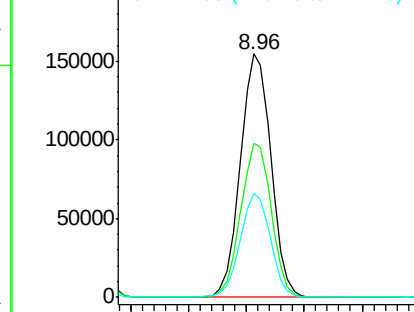
#13
 1,4-Dichlorobenzene
 Concen: 41.192 ng
 RT: 8.96 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 282833
 Ion Ratio Lower Upper
 146 100
 148 63.5 53.7 80.5
 111 42.9 35.2 52.8

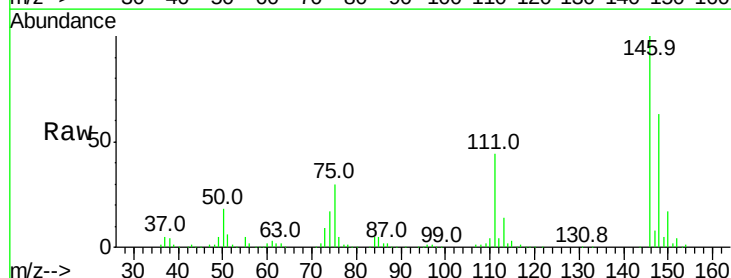


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

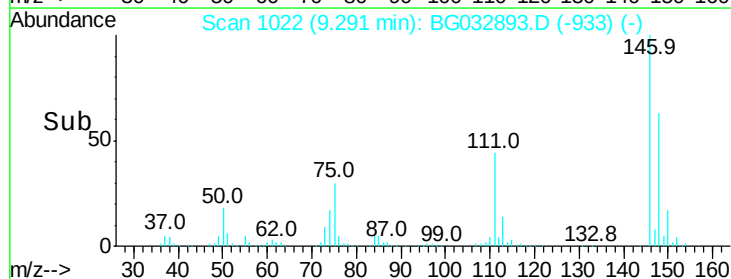
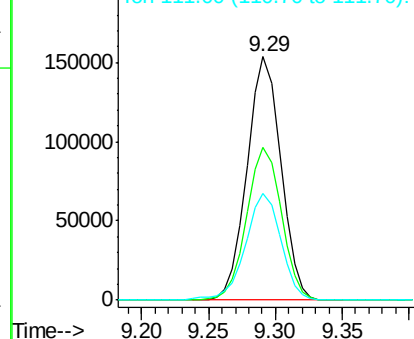


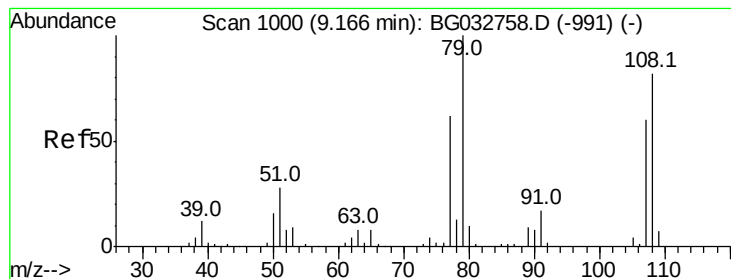
#14
 1,2-Dichlorobenzene
 Concen: 40.818 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

Tgt Ion:146 Resp: 268566
 Ion Ratio Lower Upper
 146 100
 148 62.7 49.3 73.9
 111 43.9 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.374 ng

RT: 9.15 min Scan# 998

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Instrument :

BNA_G

ClientSampleId :

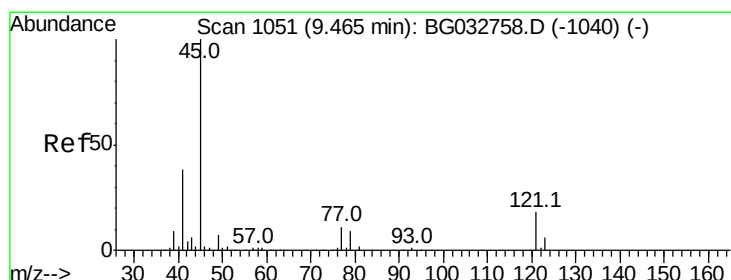
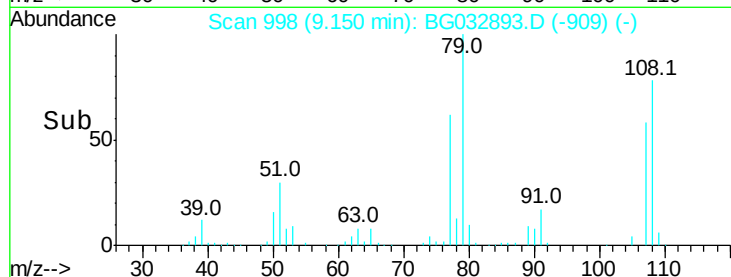
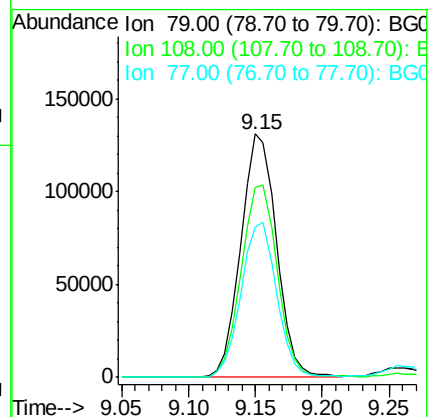
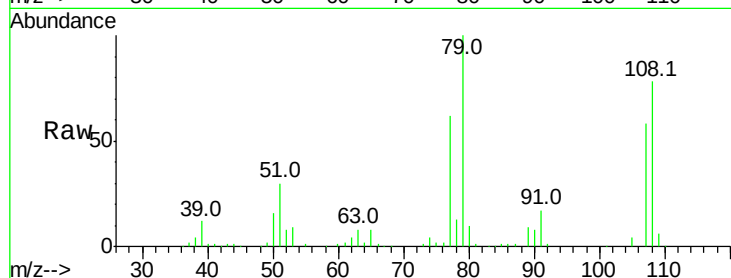
Tot Ion: 79 Resp: 241933

Ion Ratio Lower Upper

79 100

108 78.2 57.2 85.8

77 61.8 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.781 ng

RT: 9.45 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

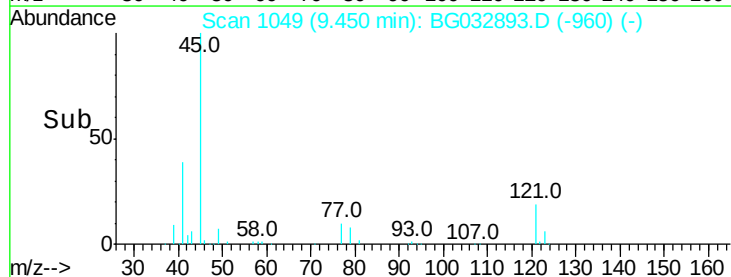
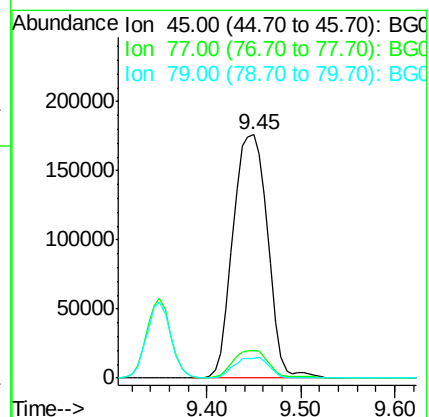
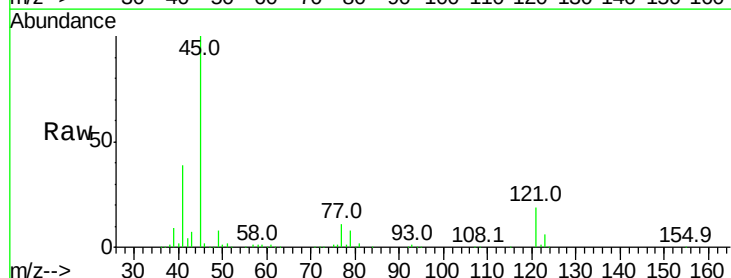
Tgt Ion: 45 Resp: 449596

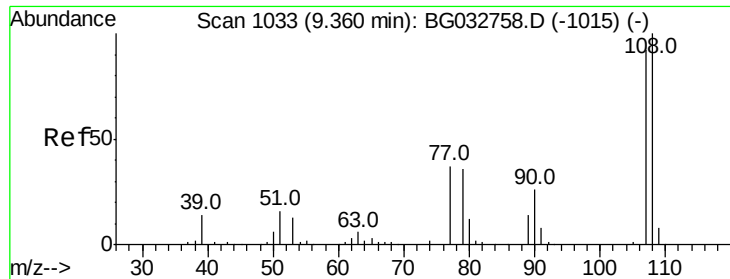
Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.2

79 8.3 0.0 27.9

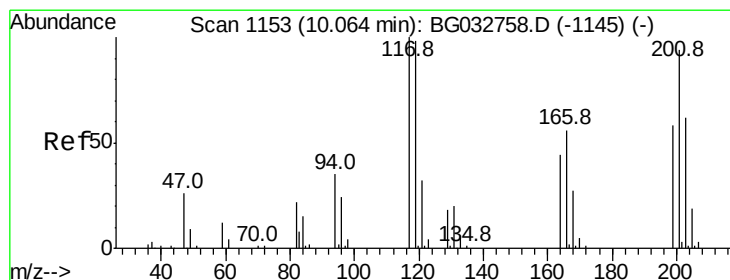
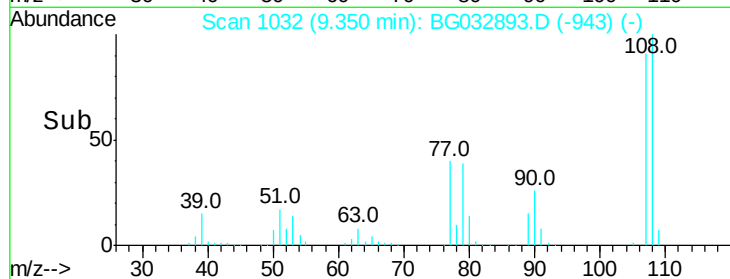
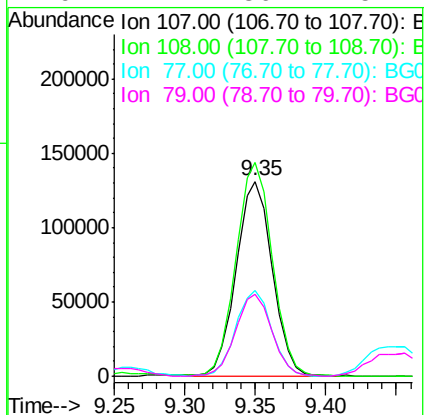
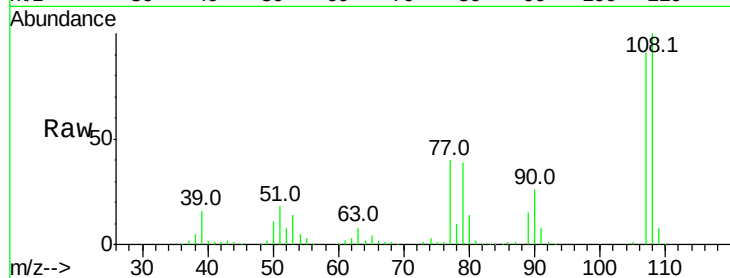




#17
2-Methylphenol
Concen: 42.276 ng
RT: 9.35 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

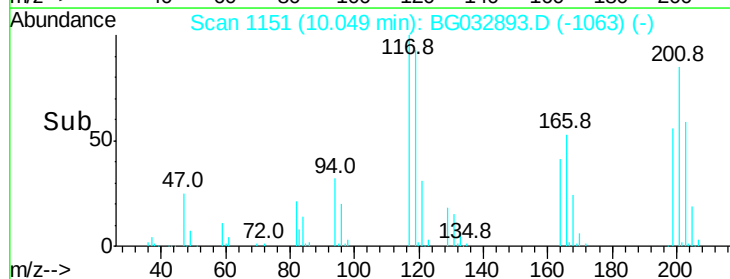
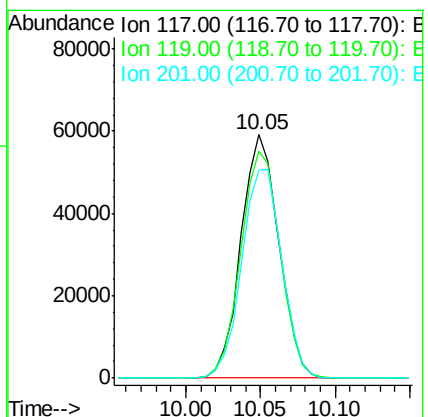
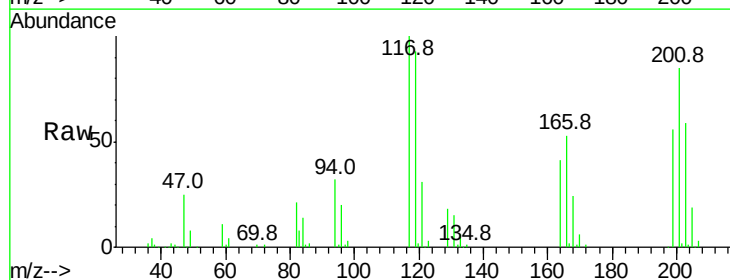
Instrument :
BNA_G
ClientSampleId :

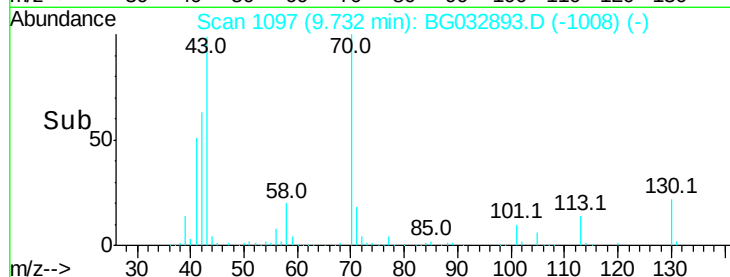
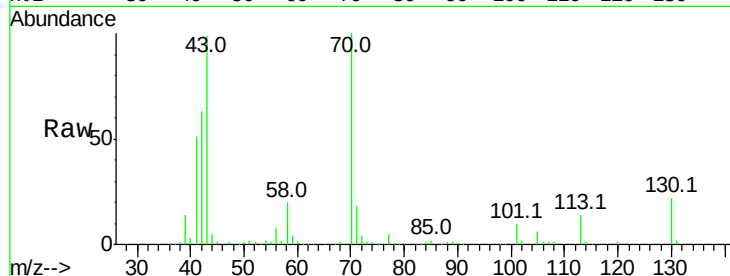
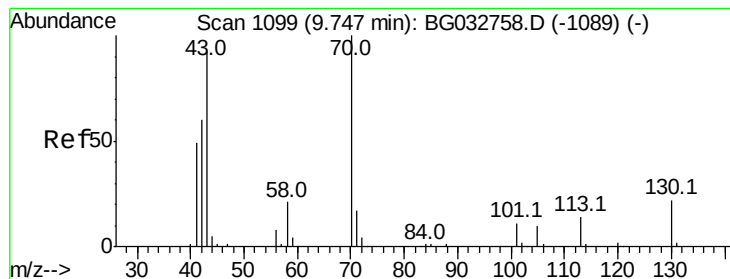
Tot Ion:	107	Resp:	233065
Ion	Ratio	Lower	Upper
107	100		
108	109.6	83.9	125.9
77	44.2	37.2	55.8
79	42.2	36.2	54.2



#18
Hexachloroethane
Concen: 44.529 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

Tgt Ion:	117	Resp:	104101
Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.7	115.1
201	85.4	95.7	143.5#





#19

n-Nitroso-di-n-propylamine

Concen: 41.749 ng

RT: 9.73 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 218588

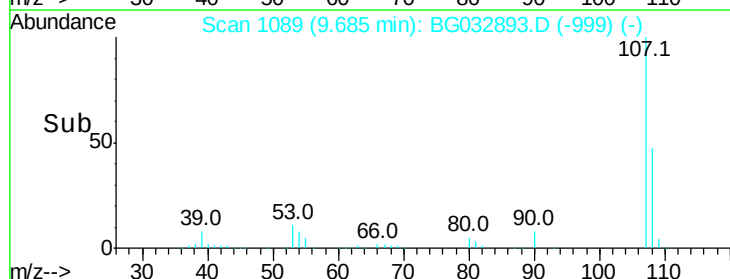
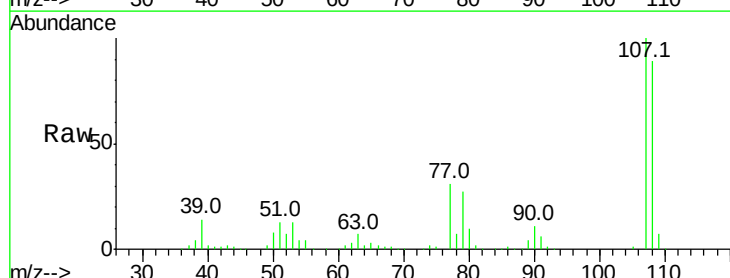
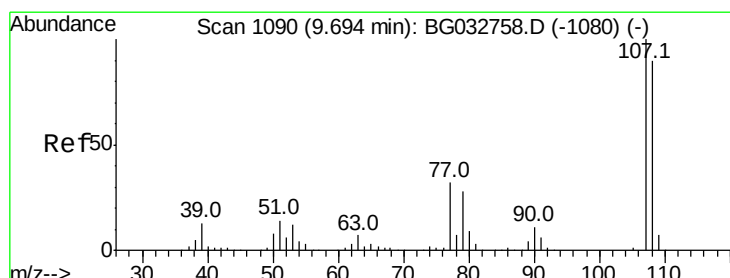
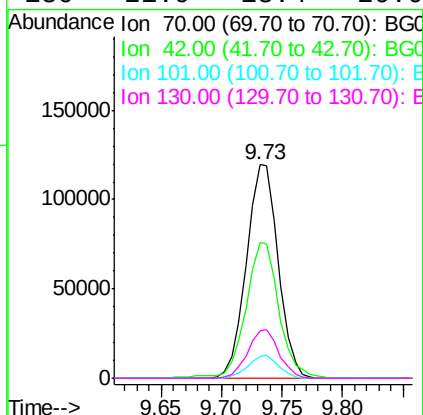
Ion Ratio Lower Upper

70 100

42 63.5 49.1 73.7

101 10.4 8.5 12.7

130 21.9 13.4 20.0#



#20

3+4-Methylphenols

Concen: 41.626 ng

RT: 9.68 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Tgt Ion: 107 Resp: 319075

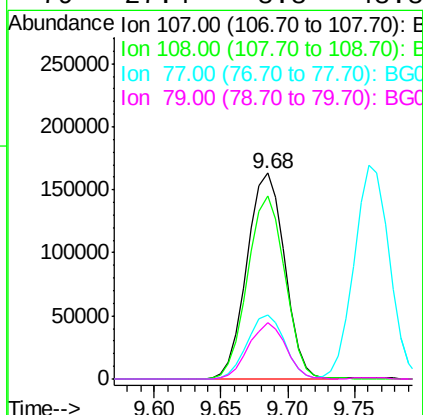
Ion Ratio Lower Upper

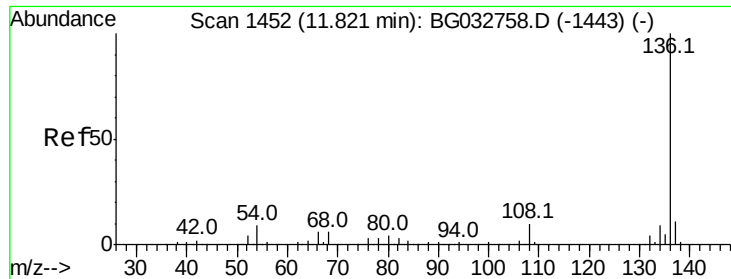
107 100

108 89.2 61.6 101.6

77 31.1 13.9 53.9

79 27.4 8.8 48.8

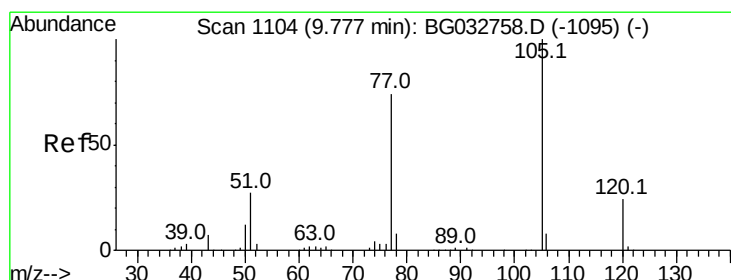
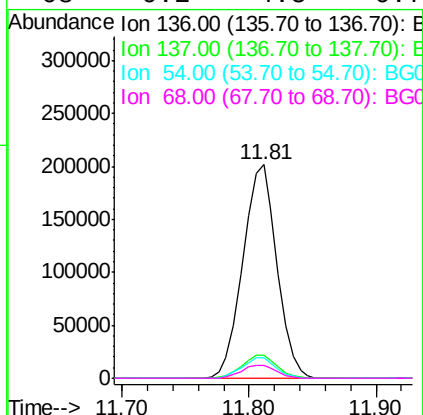
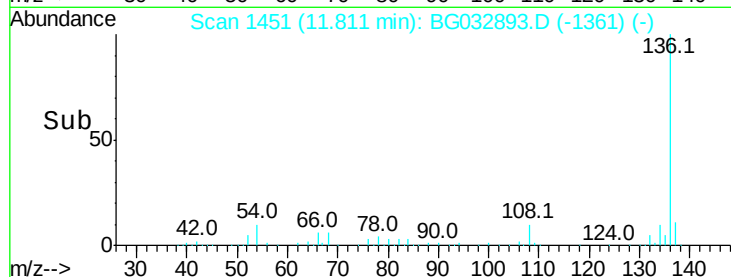
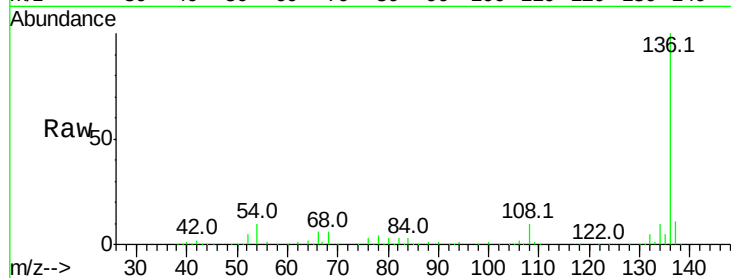




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

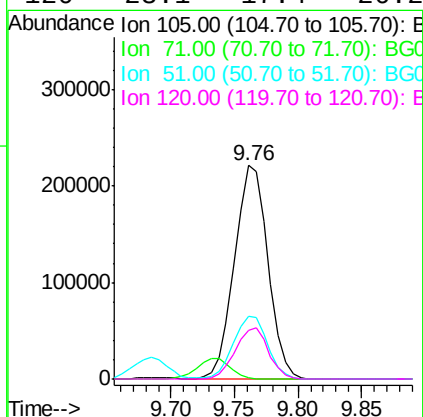
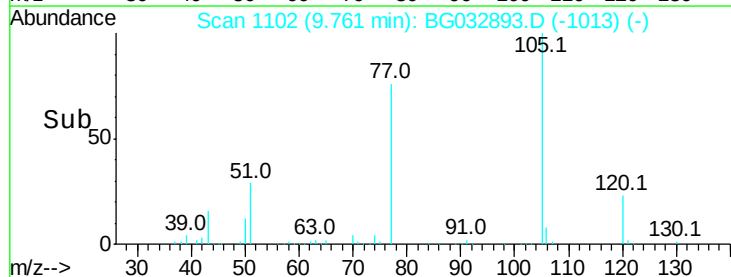
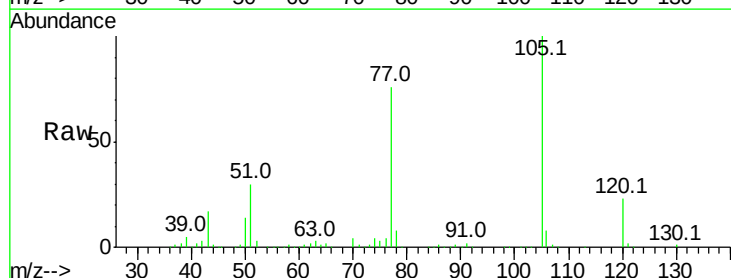
Instrument :
BNA_G
ClientSampleId :

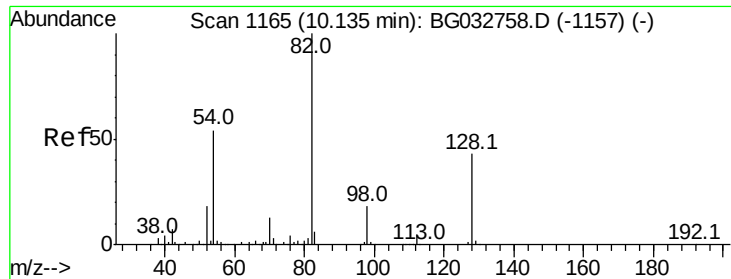
Tot Ion:	136	Resp:	374191
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	9.6	10.3	15.5#
68	6.2	4.5	6.7



#22
Acetophenone
Concen: 42.857 ng
RT: 9.76 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

Tgt Ion:	105	Resp:	405005
Ion	Ratio	Lower	Upper
105	100		
71	0.6	3.0	4.4#
51	29.6	26.1	39.1
120	23.1	17.4	26.2

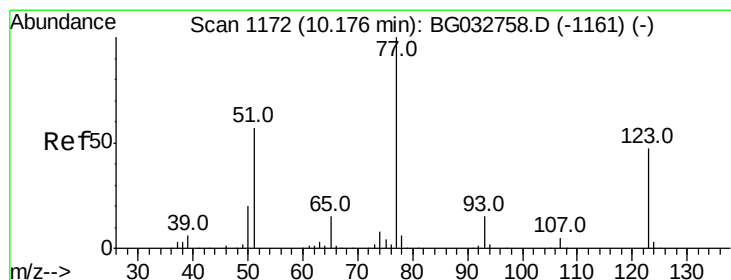
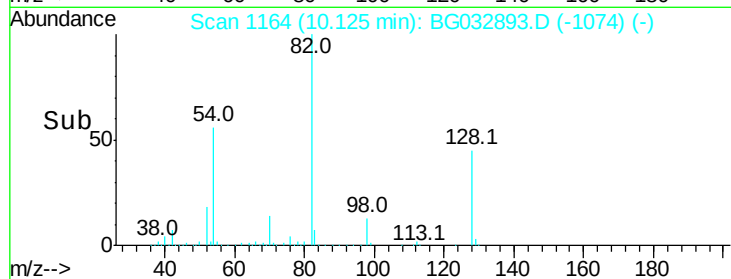
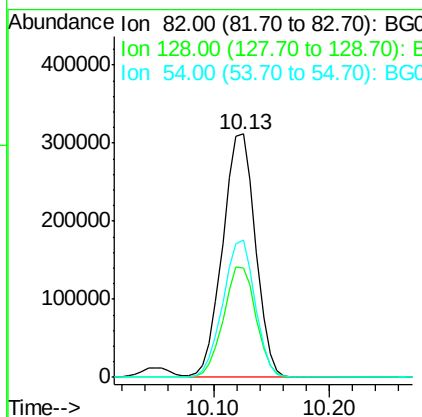
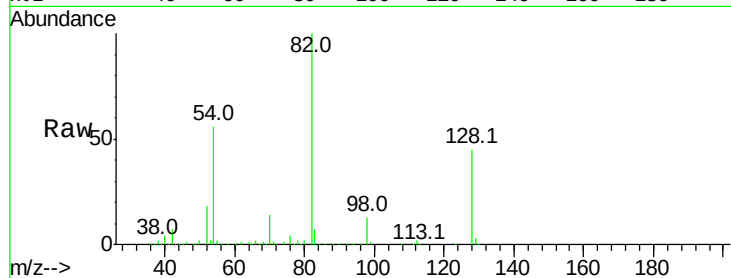




#23
 Nitrobenzene-d5
 Concen: 110.451 ng
 RT: 10.13 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

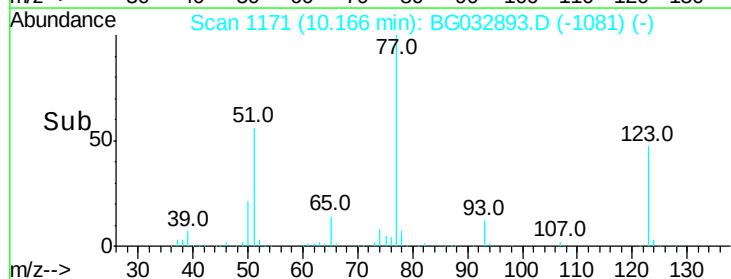
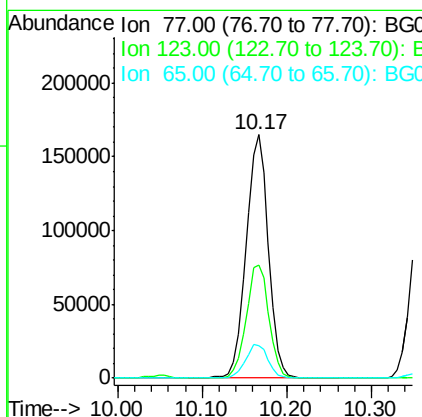
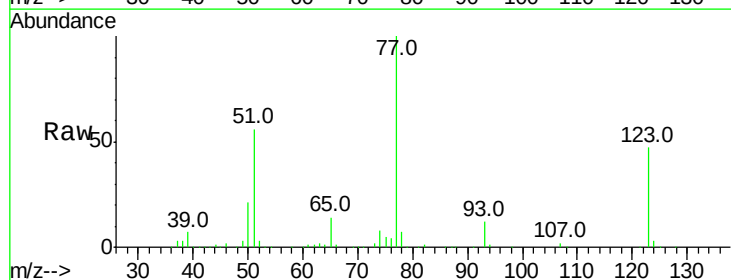
Instrument :
 BNA_G
 ClientSampled :

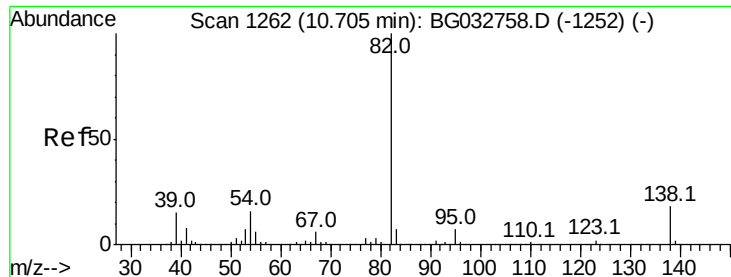
Tot Ion	82	Resp	613690
Ion Ratio	100	Lower	Upper
128	44.9	29.7	44.5#
54	56.3	43.1	64.7



#24
 Nitrobenzene
 Concen: 50.068 ng
 RT: 10.17 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

Tgt Ion	77	Resp	300669
Ion Ratio	100	Lower	Upper
123	46.6	33.0	49.6
65	13.5	13.0	19.6





#25

Isophorone

Concen: 45.091 ng

RT: 10.69 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Instrument :

BNA_G

ClientSampleId :

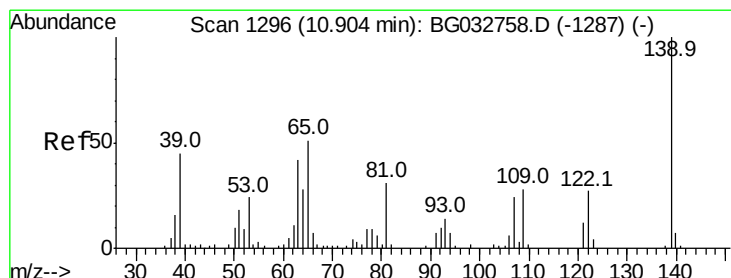
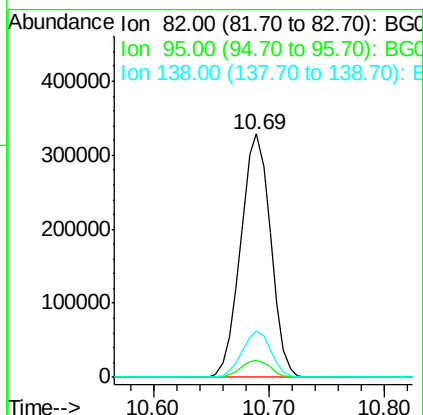
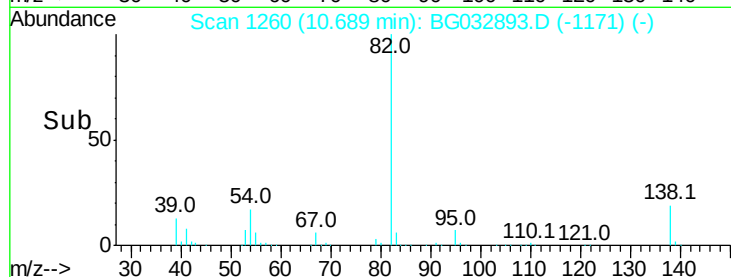
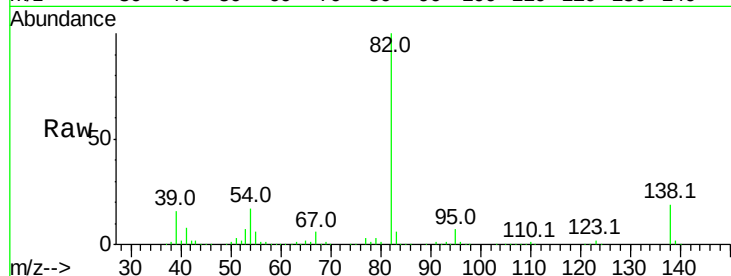
Tot Ion: 82 Resp: 592218

Ion Ratio Lower Upper

82 100

95 6.9 6.2 9.2

138 18.9 12.1 18.1#



#26

2-Nitrophenol

Concen: 62.151 ng

RT: 10.89 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

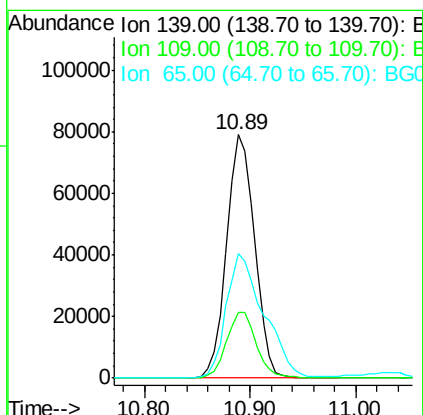
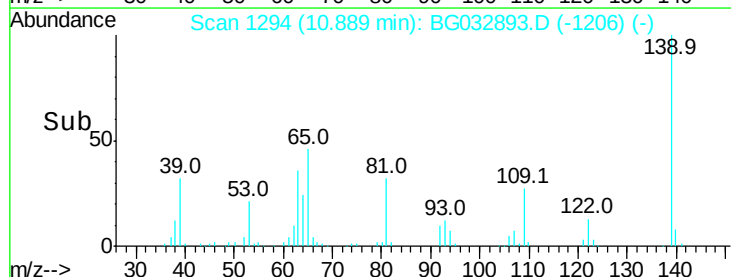
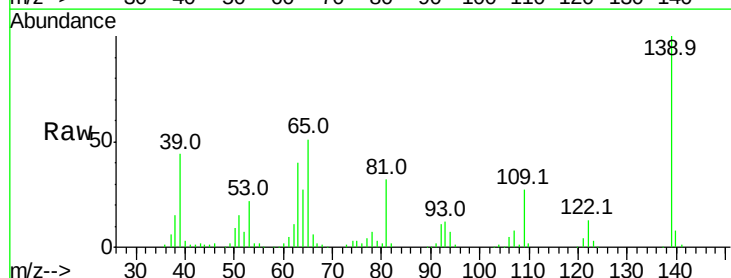
Tgt Ion:139 Resp: 144845

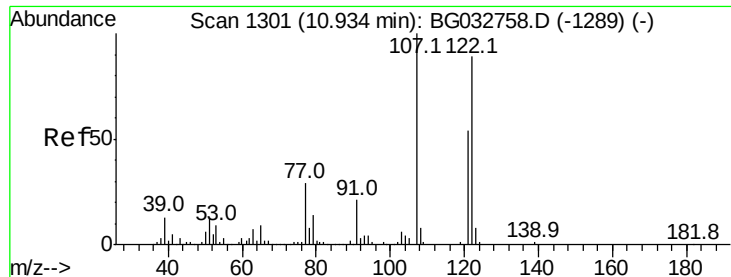
Ion Ratio Lower Upper

139 100

109 26.9 24.2 36.2

65 51.1 47.4 71.0

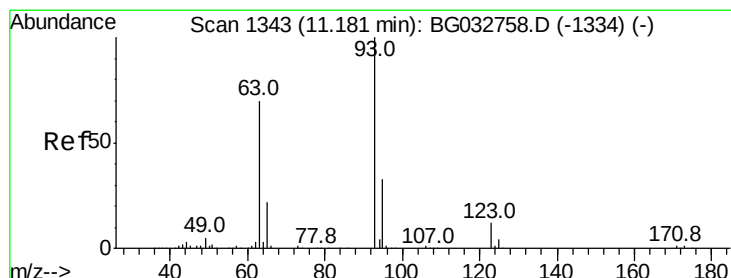
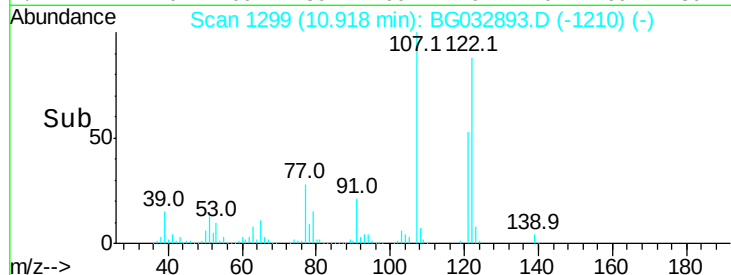
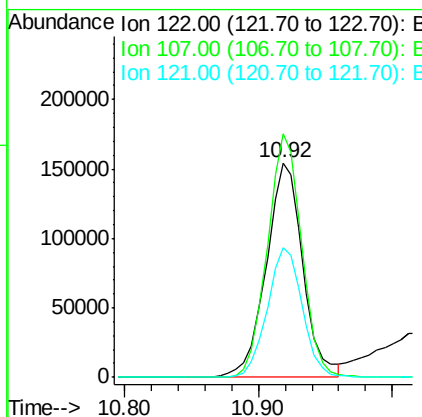
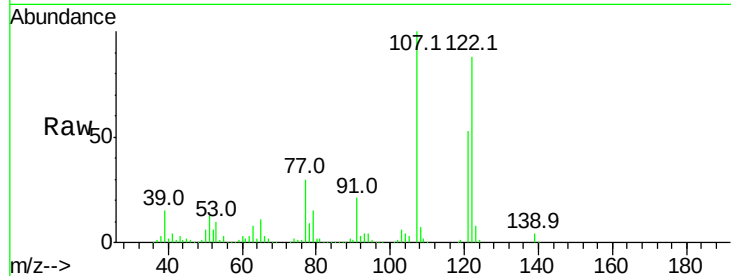




#27
2,4-Dimethylphenol
Concen: 51.628 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

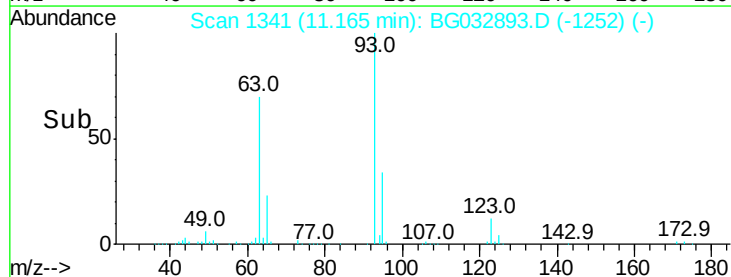
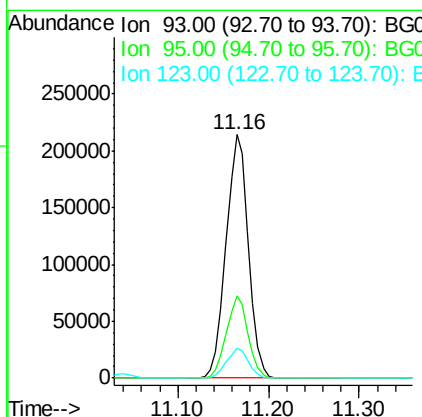
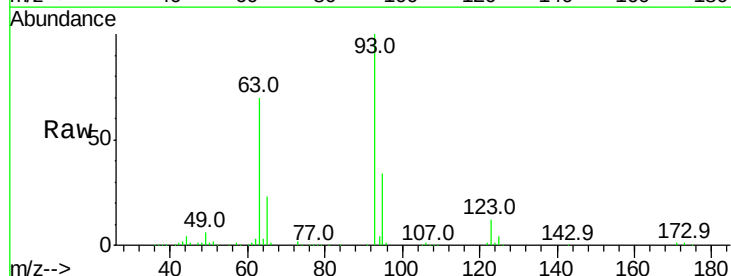
Instrument :
BNA_G
ClientSampleId :

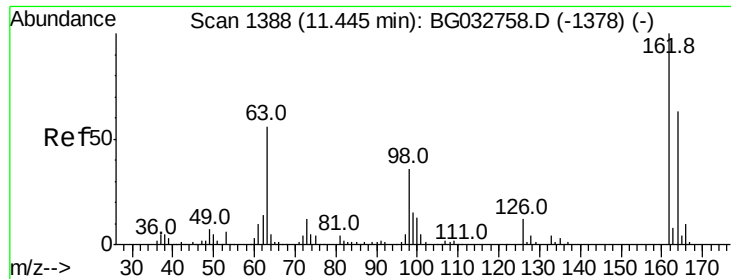
Tot Ion:122 Resp: 294564
Ion Ratio Lower Upper
122 100
107 113.6 100.2 150.2
121 60.4 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 47.520 ng
RT: 11.16 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

Tgt Ion: 93 Resp: 363589
Ion Ratio Lower Upper
93 100
95 33.7 24.3 36.5
123 12.2 8.4 12.6

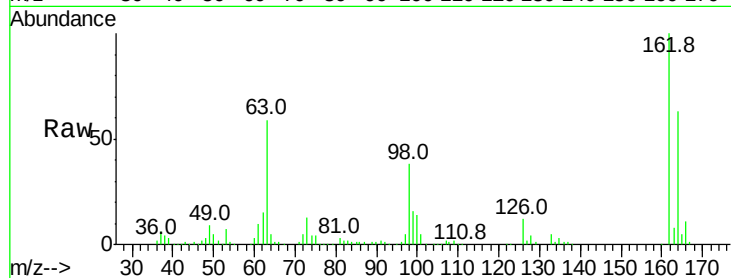




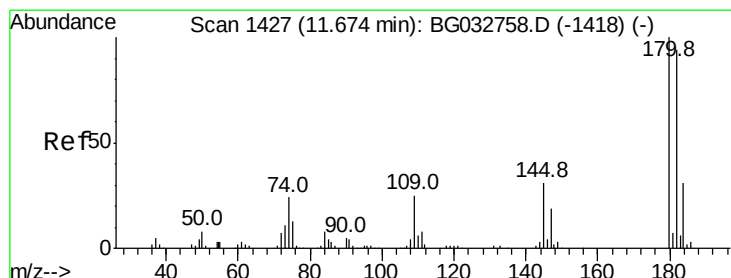
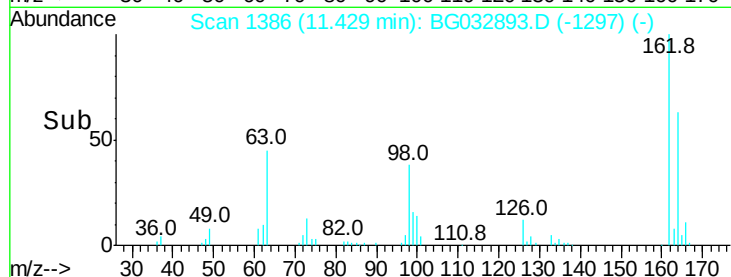
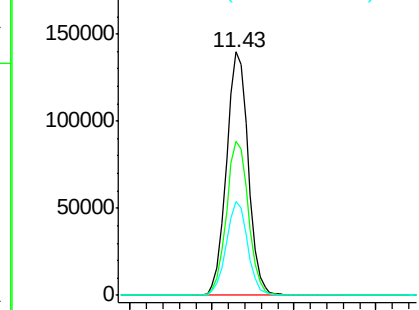
#29
 2,4-Dichlorophenol
 Concen: 50.023 ng
 RT: 11.43 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	48.0	88.0
98	38.4	21.1	61.1

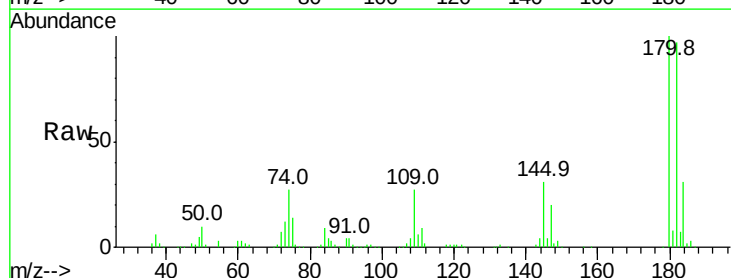


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

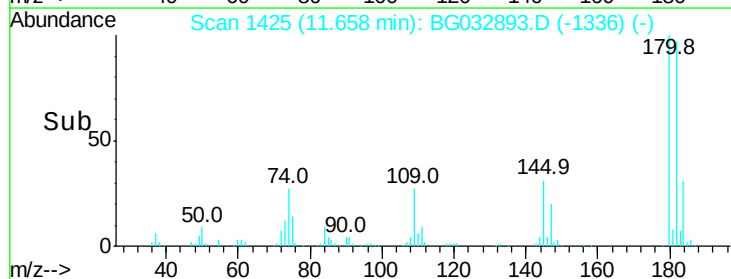
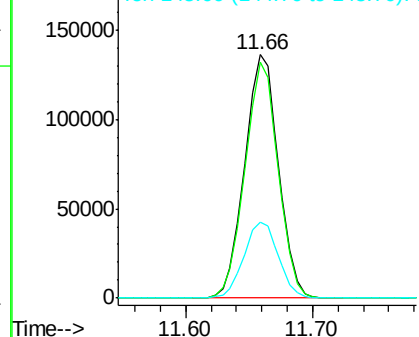


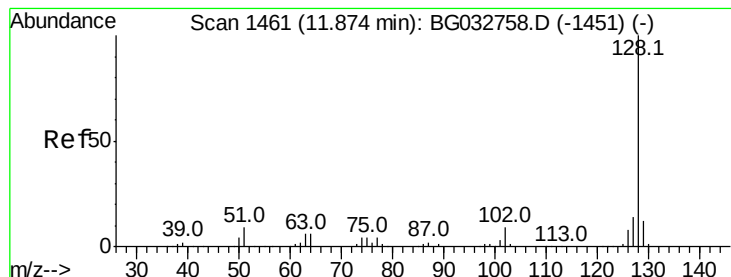
#30
 1,2,4-Trichlorobenzene
 Concen: 41.356 ng
 RT: 11.66 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.5	116.3
145	31.2	23.4	35.2



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





#31

Naphthalene

Concen: 47.623 ng

RT: 11.86 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Instrument :

BNA_G

ClientSampleId :

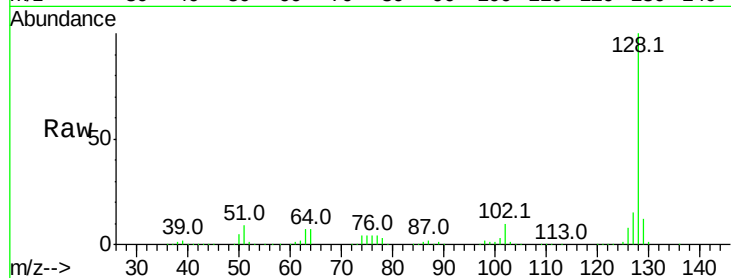
Tot Ion:128 Resp: 931174

Ion Ratio Lower Upper

128 100

129 11.5 8.6 12.8

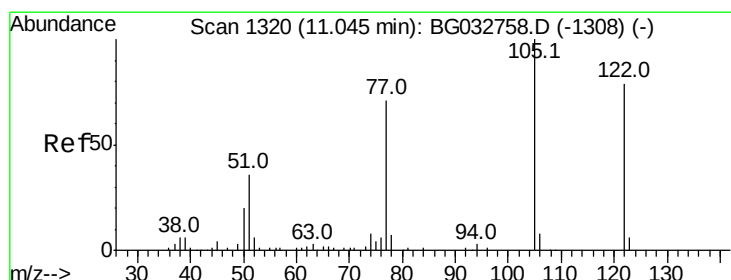
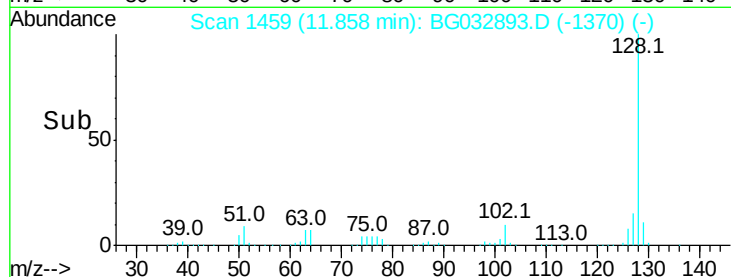
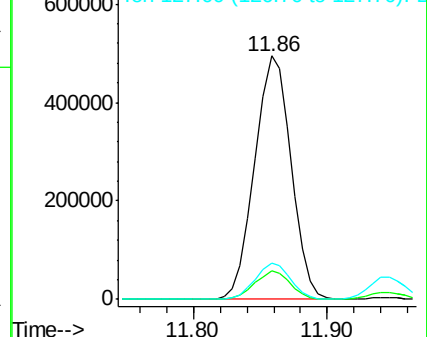
127 14.8 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.952 ng

RT: 11.04 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

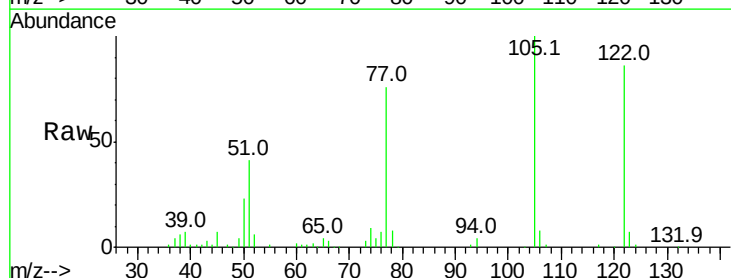
Tgt Ion:122 Resp: 160106

Ion Ratio Lower Upper

122 100

105 116.2 123.5 163.5#

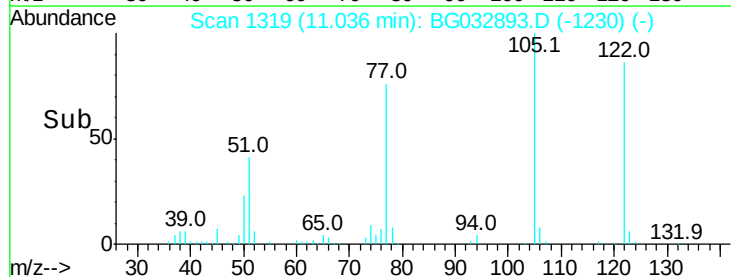
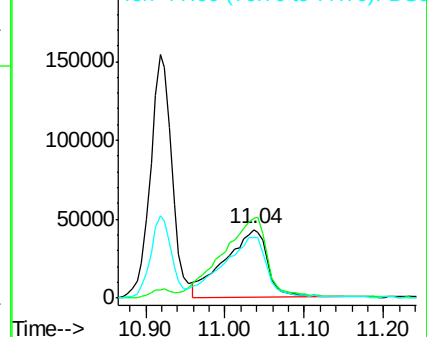
77 88.6 85.7 125.7

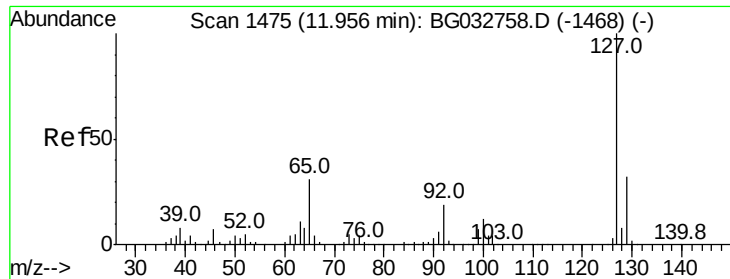


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

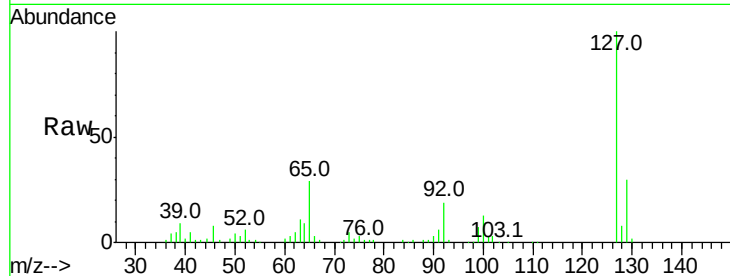




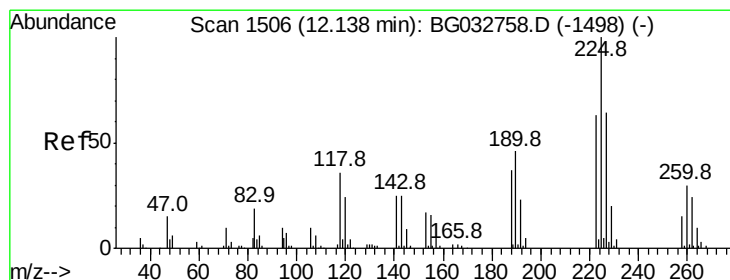
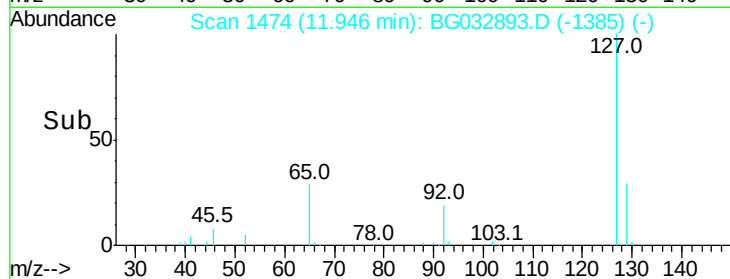
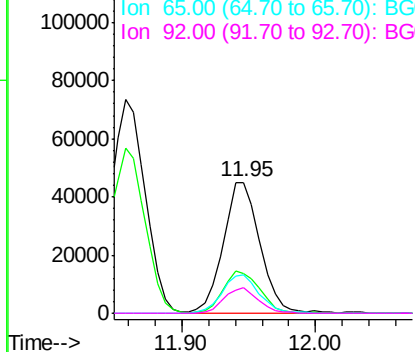
#33
4-Chloroaniline
Concen: 9.803 ng
RT: 11.95 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	85704
Ion	Ratio	Lower	Upper
127	100		
129	29.8	24.0	36.0
65	29.4	27.0	40.4
92	19.3	16.6	25.0

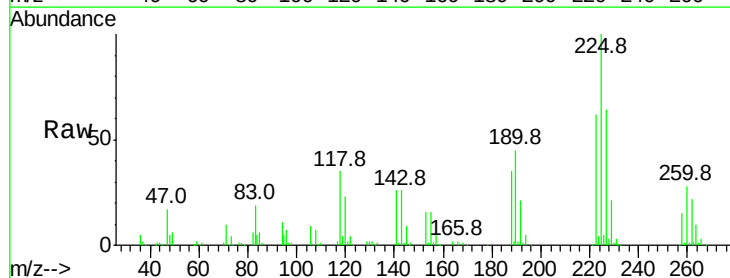


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

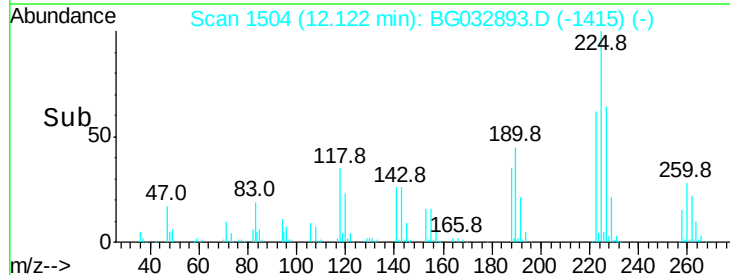
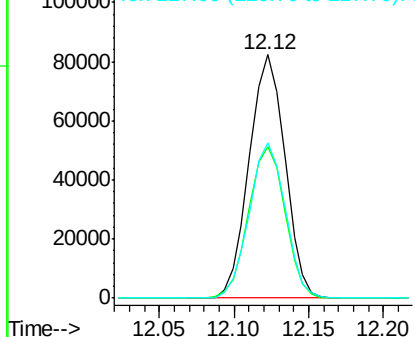


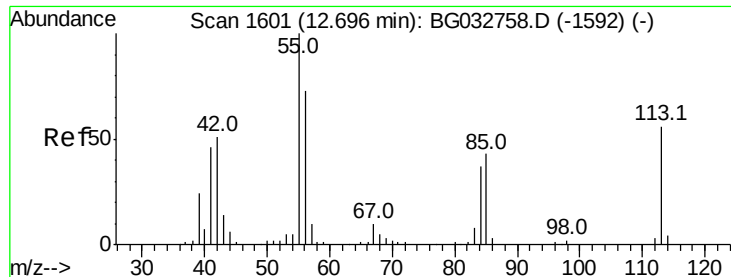
#34
Hexachlorobutadiene
Concen: 40.165 ng
RT: 12.12 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

Tgt Ion:	225	Resp:	136752
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	63.5	48.1	72.1



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





#35

Caprolactam

Concen: 34.555 ng

RT: 12.69 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Instrument :

BNA_G

ClientSampled :

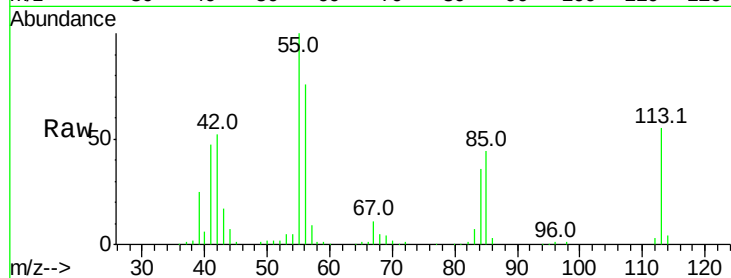
Tot Ion:113 Resp: 71649

Ion Ratio Lower Upper

113 100

55 182.3 186.9 226.9#

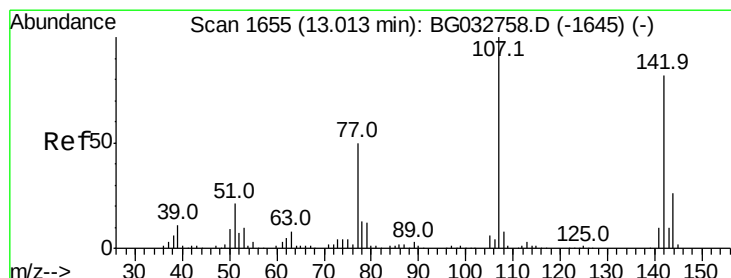
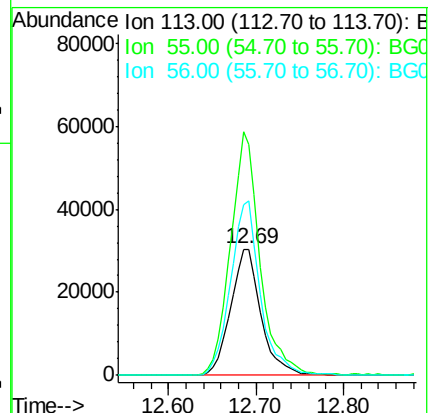
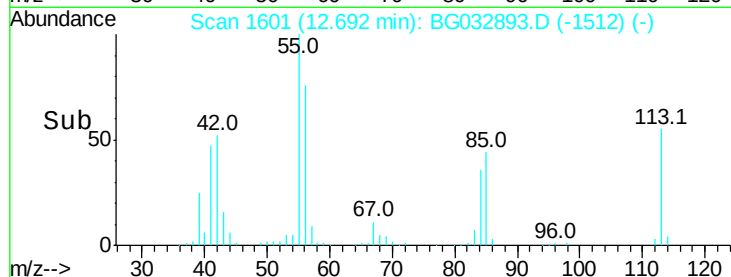
56 137.9 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 49.128 ng

RT: 13.00 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

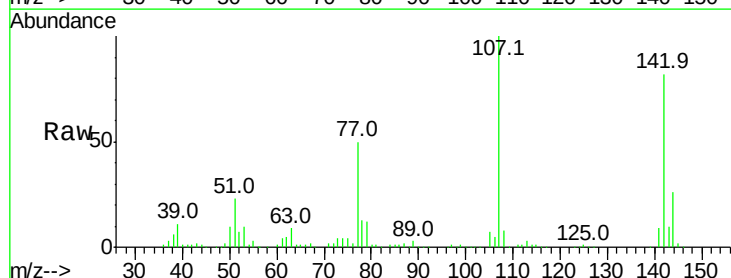
Tgt Ion:107 Resp: 296048

Ion Ratio Lower Upper

107 100

144 25.7 18.2 27.4

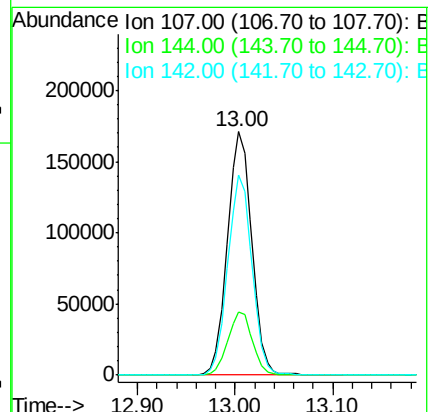
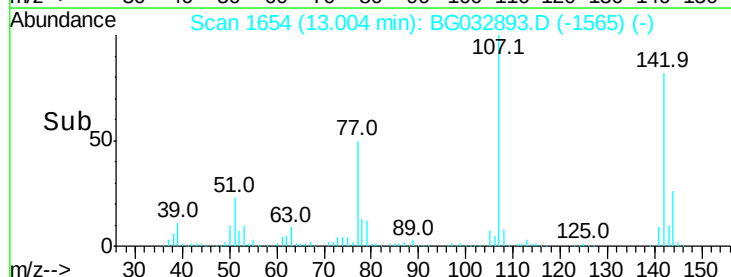
142 82.2 59.0 88.4

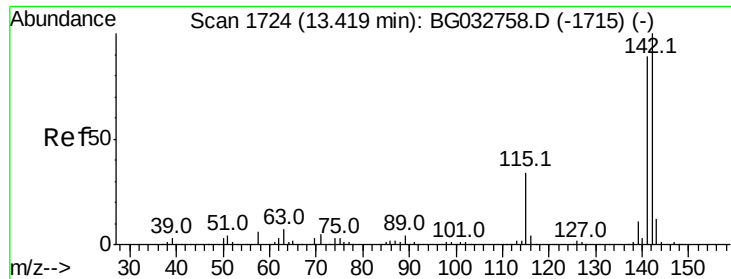


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

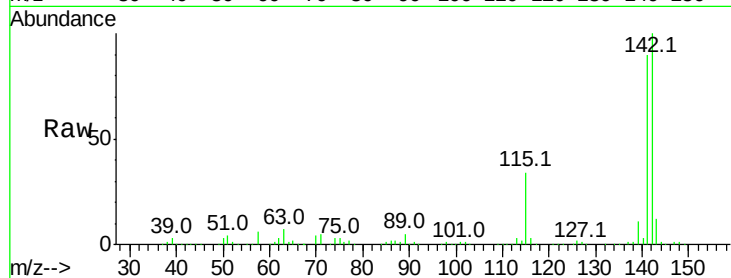




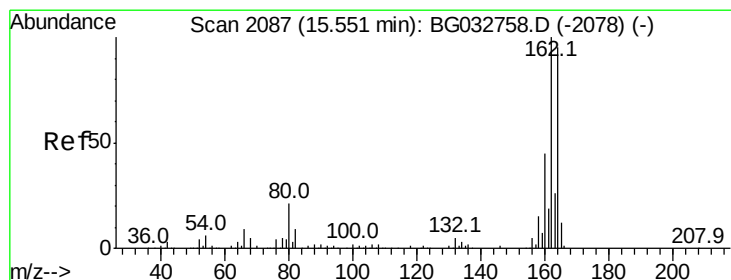
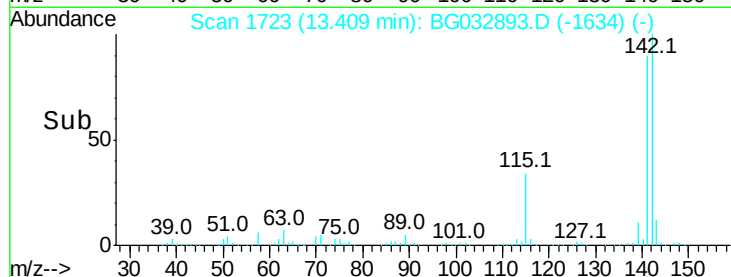
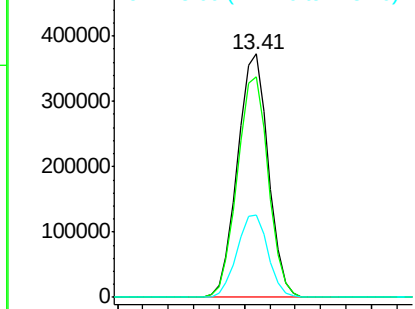
#37
 2-Methylnaphthalene
 Concen: 44.316 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:142 Resp: 626897
 Ion Ratio Lower Upper
 142 100
 141 90.5 67.1 100.7
 115 33.7 30.7 46.1

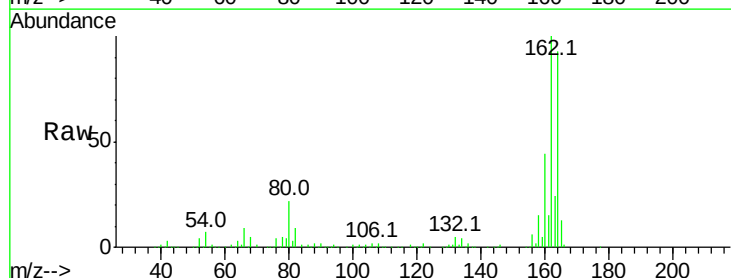


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

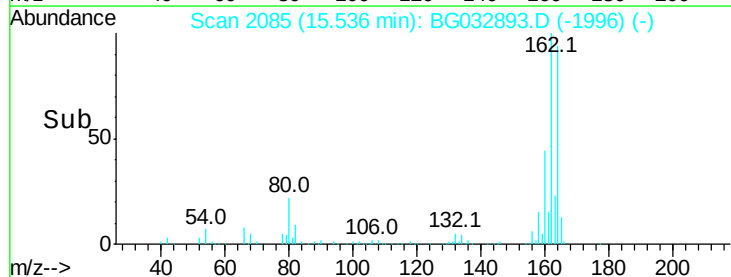
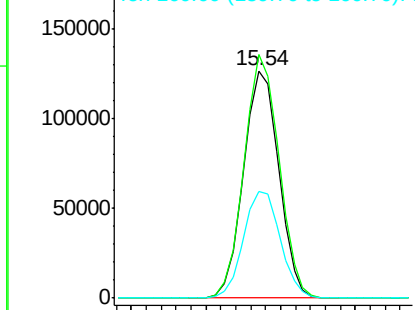


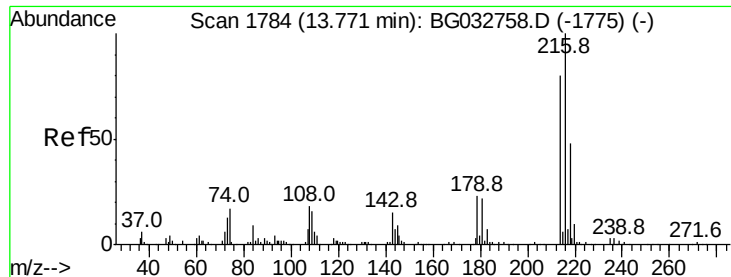
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

Tgt Ion:164 Resp: 207203
 Ion Ratio Lower Upper
 164 100
 162 107.0 78.8 118.2
 160 46.8 35.4 53.0



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.023 ng

RT: 13.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 258477

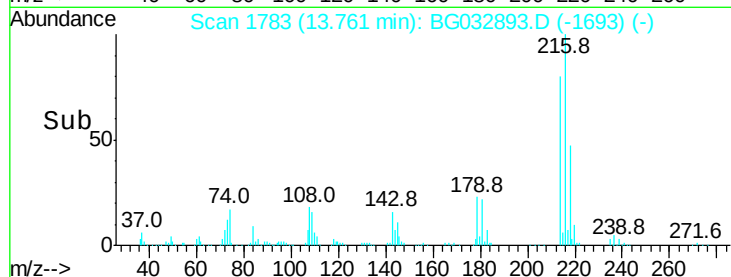
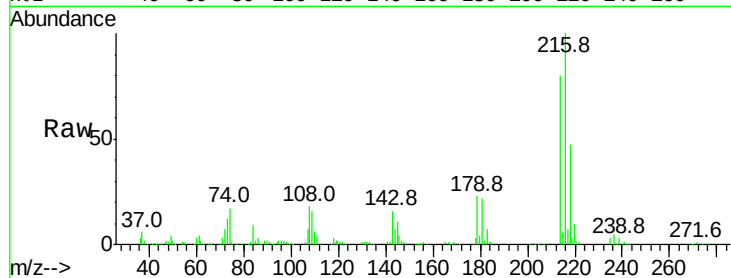
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 23.3 17.0 25.6

108 23.5 12.8 19.2#

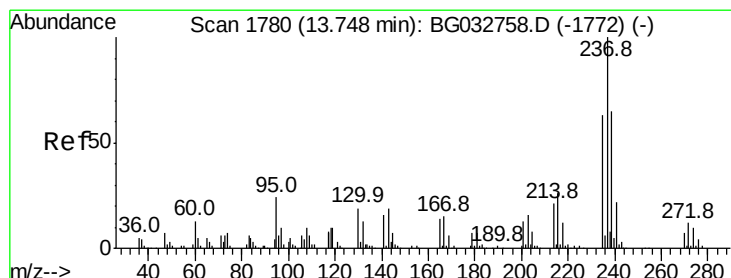
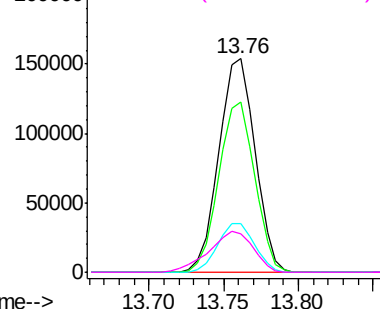


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 99.949 ng

RT: 13.74 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

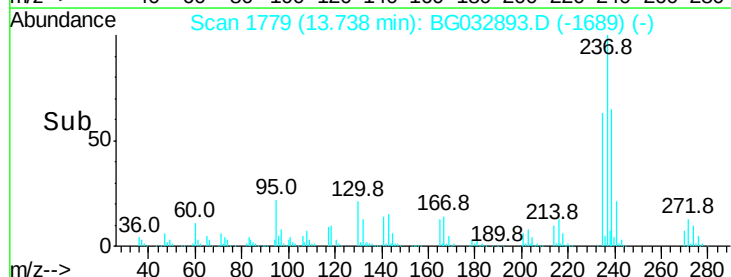
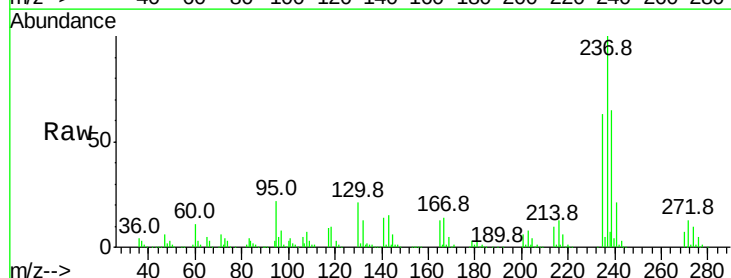
Tgt Ion:237 Resp: 313310

Ion Ratio Lower Upper

237 100

235 62.9 50.4 90.4

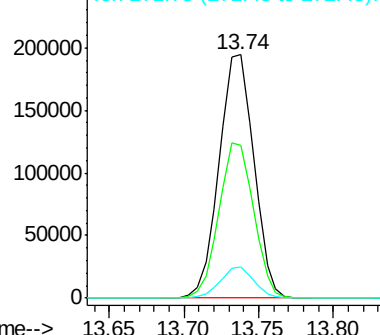
272 12.6 0.0 31.8

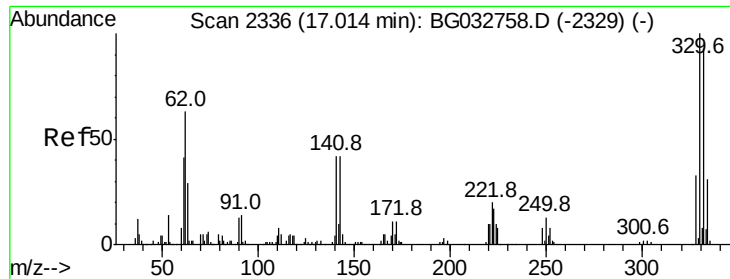


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

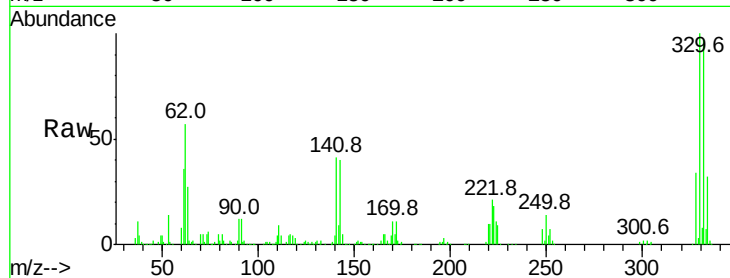




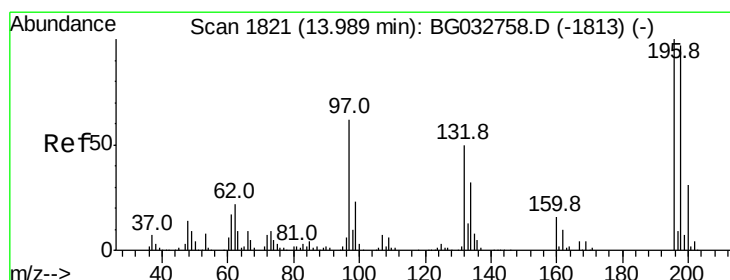
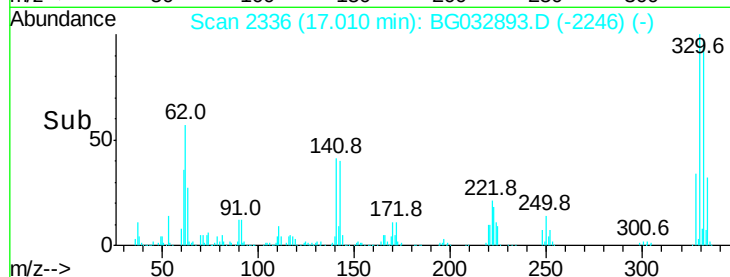
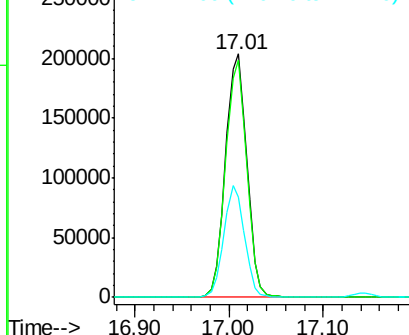
#41
 2,4,6-Tribromophenol
 Concen: 148.283 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 323060
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 44.4 25.2 37.8#

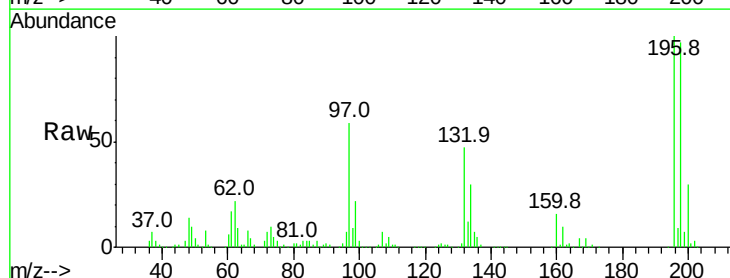


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

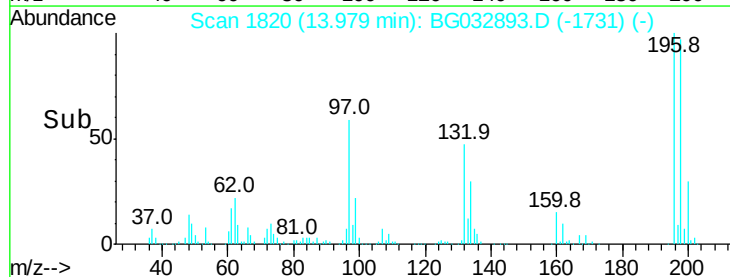
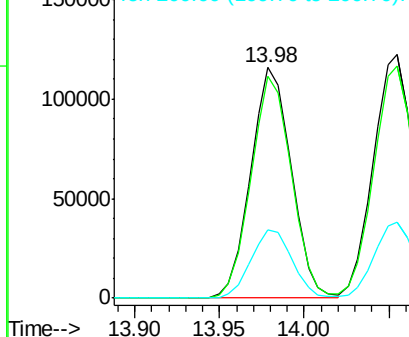


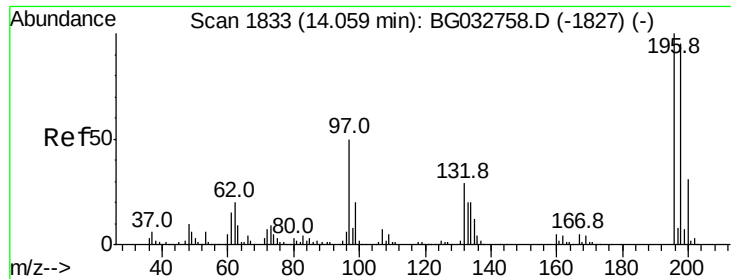
#42
 2,4,6-Trichlorophenol
 Concen: 49.671 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

Tgt Ion:196 Resp: 192674
 Ion Ratio Lower Upper
 196 100
 198 96.5 78.2 117.2
 200 29.7 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

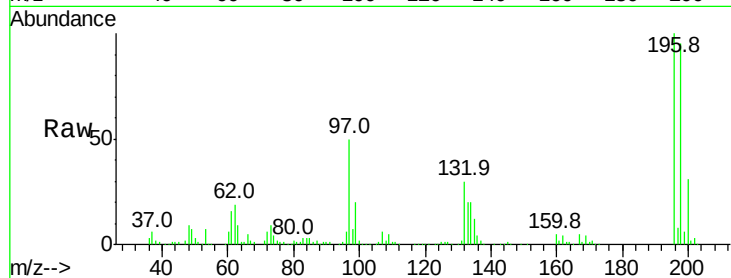




#43
 2,4,5-Trichlorophenol
 Concen: 46.397 ng
 RT: 14.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.2	114.4
97	49.7	38.7	58.1
132	30.4	20.2	30.2#



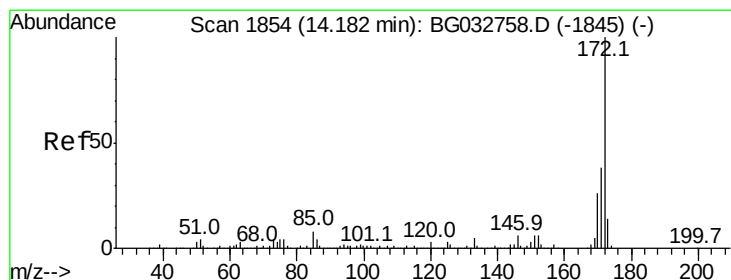
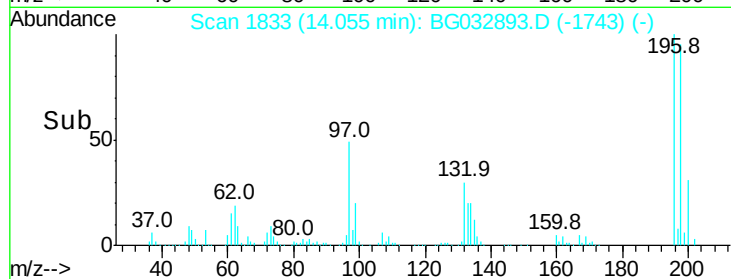
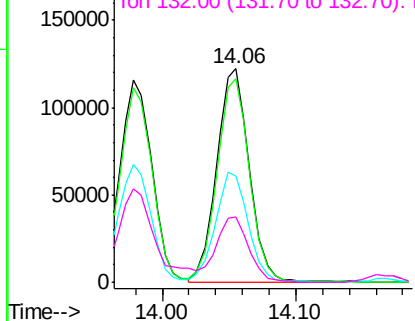
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

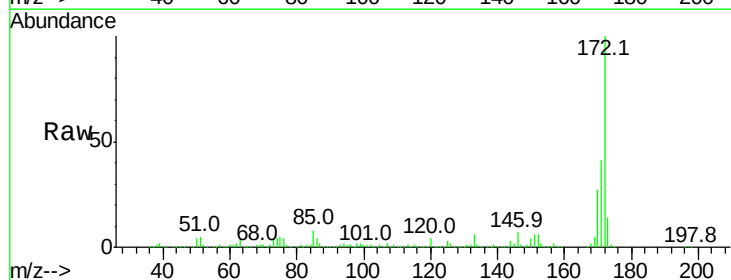
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.162 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.6	30.0	45.0
170	27.5	19.5	29.3

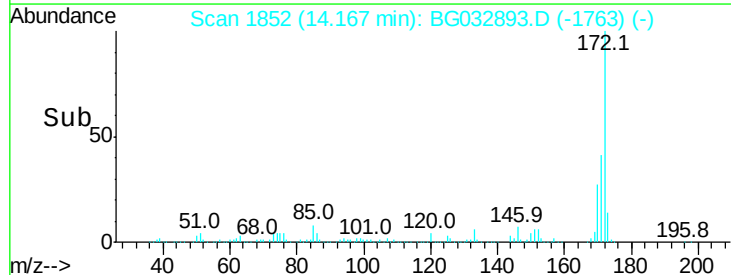
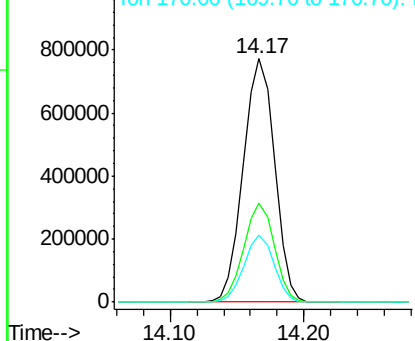


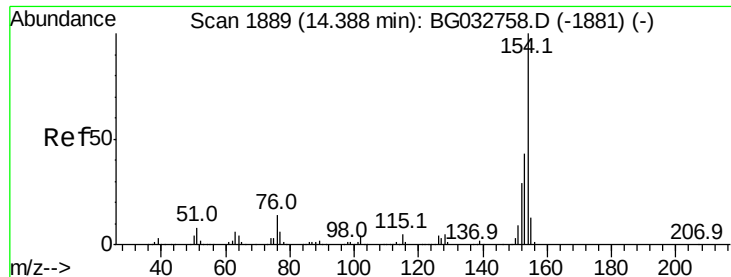
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

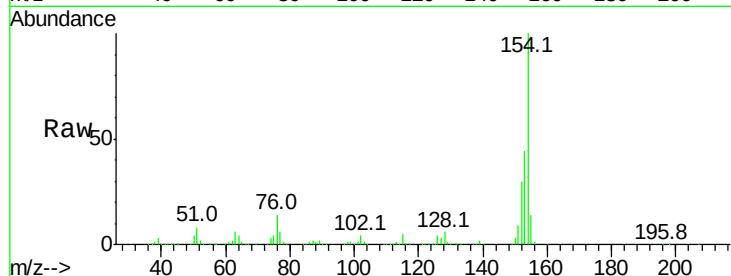




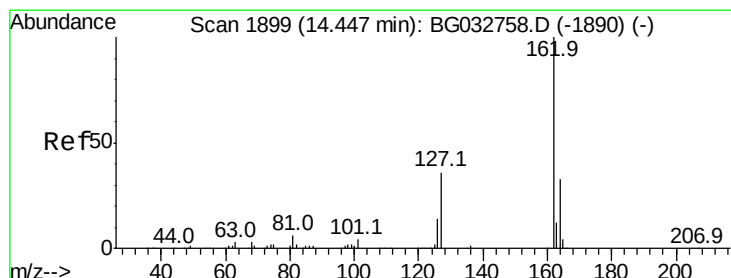
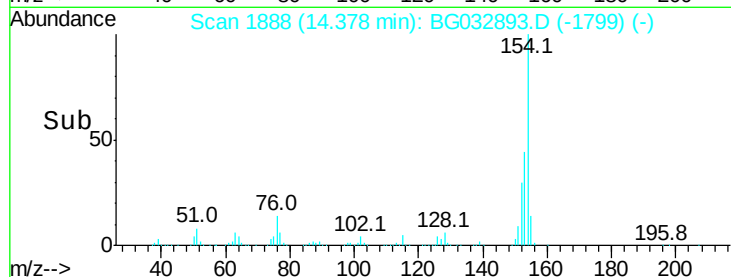
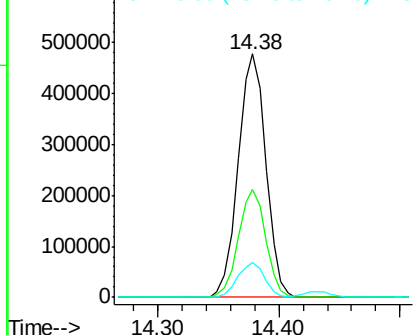
#45
 1,1'-Biphenyl
 Concen: 42.092 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	44.3	19.8	59.8
76	14.4	0.0	31.9

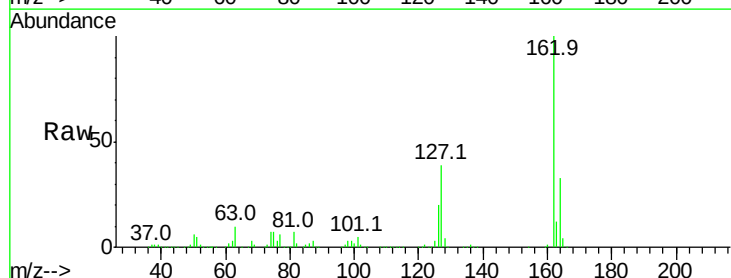


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

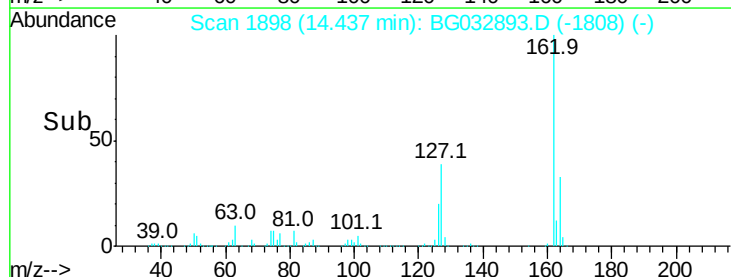
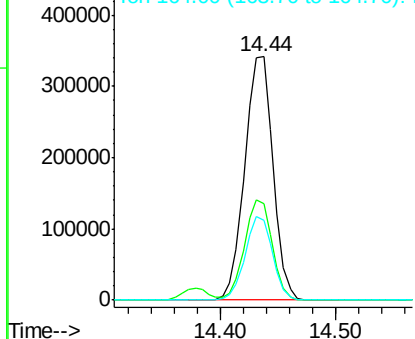


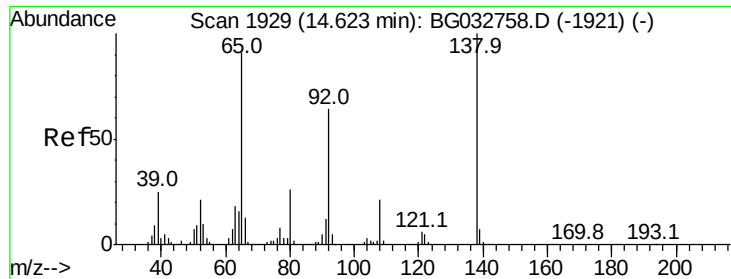
#46
 2-Chloronaphthalene
 Concen: 42.888 ng
 RT: 14.44 min Scan# 1898
 Delta R.T. 0.00 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	30.7	46.1
164	33.0	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

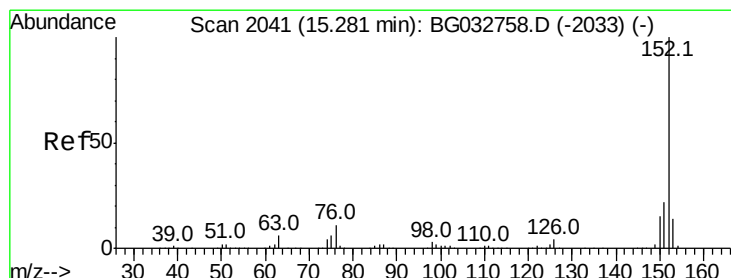
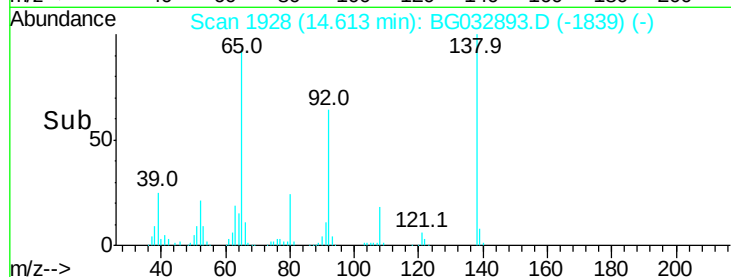
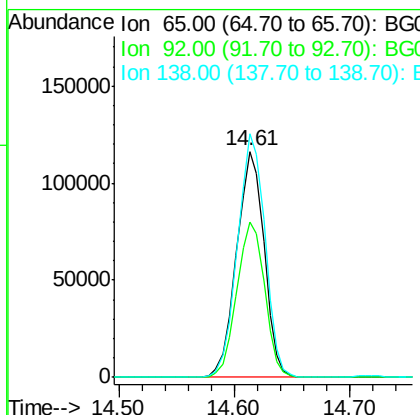
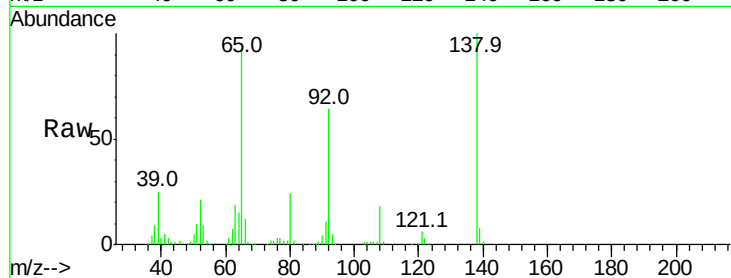




#47
2-Nitroaniline
Concen: 54.635 ng
RT: 14.61 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

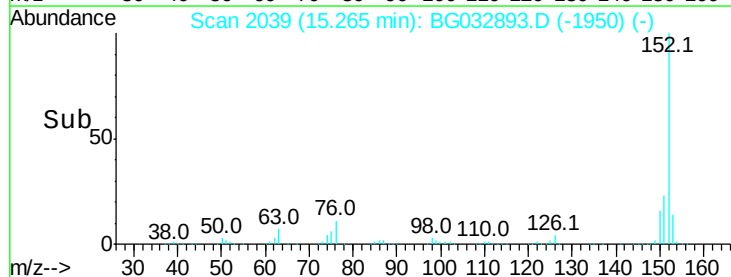
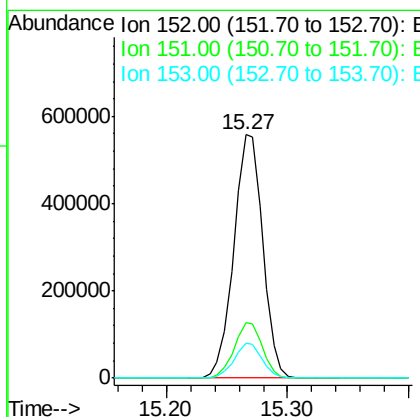
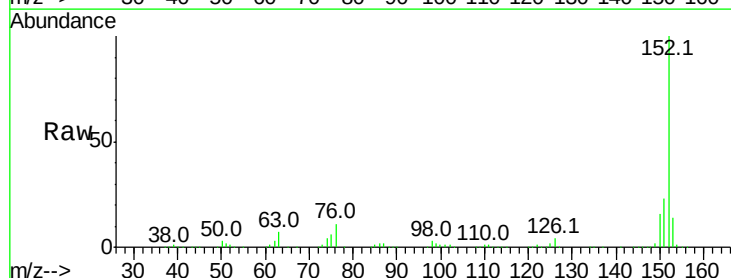
Instrument :
BNA_G
ClientSampleId :

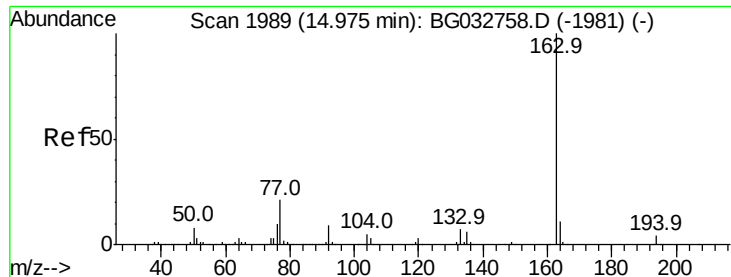
Tot Ion: 65 Resp: 192193
Ion Ratio Lower Upper
65 100
92 68.9 54.6 82.0
138 107.6 72.9 109.3



#48
Acenaphthylene
Concen: 42.043 ng
RT: 15.27 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

Tgt Ion: 152 Resp: 930999
Ion Ratio Lower Upper
152 100
151 22.7 17.2 25.8
153 14.4 10.2 15.4





#49

Dimethylphthalate

Concen: 42.031 ng

RT: 14.96 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Instrument :

BNA_G

ClientSampleId :

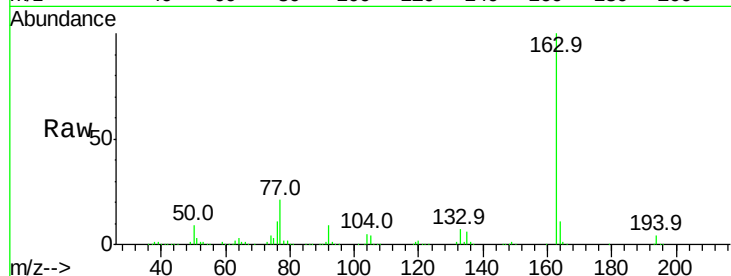
Tot Ion:163 Resp: 739471

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

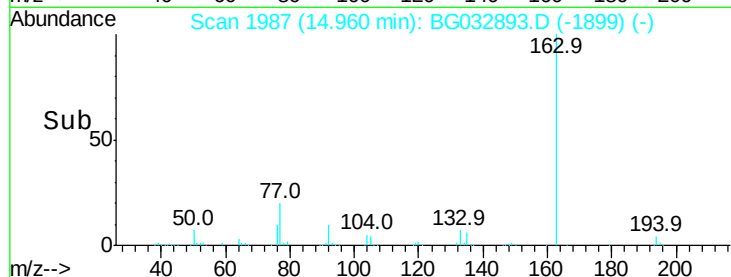
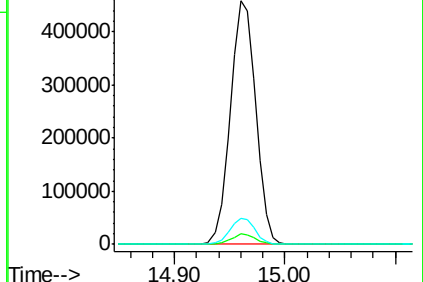
164 10.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 54.866 ng

RT: 15.09 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

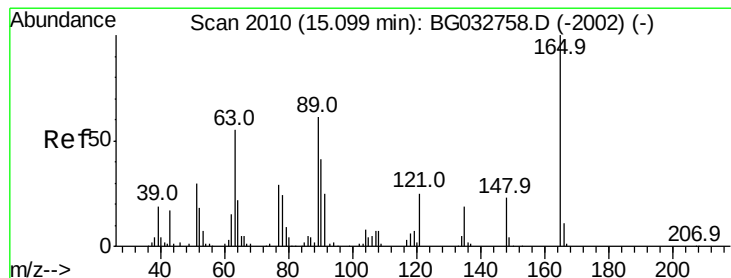
Tgt Ion:165 Resp: 164318

Ion Ratio Lower Upper

165 100

63 54.1 52.7 79.1

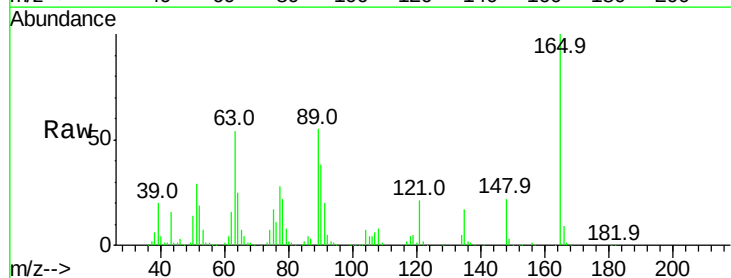
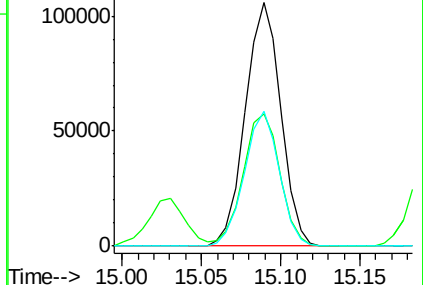
89 55.1 49.2 73.8

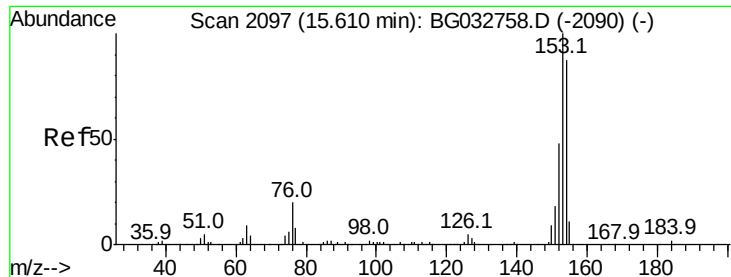


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 47.447 ng

RT: 15.60 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Instrument :

BNA_G

ClientSampleId :

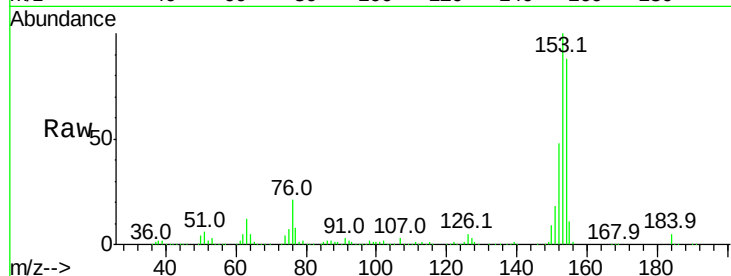
Tot Ion:154 Resp: 654332

Ion Ratio Lower Upper

154 100

153 113.1 90.4 135.6

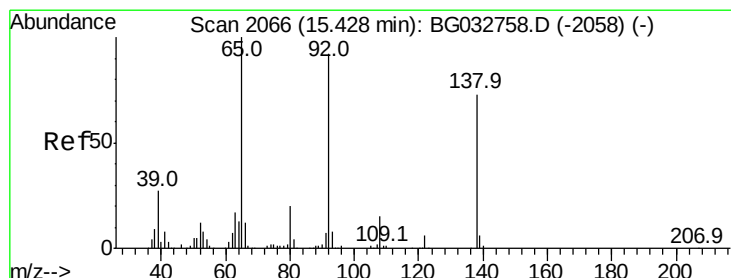
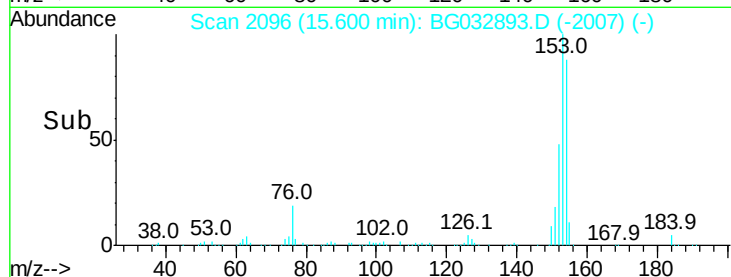
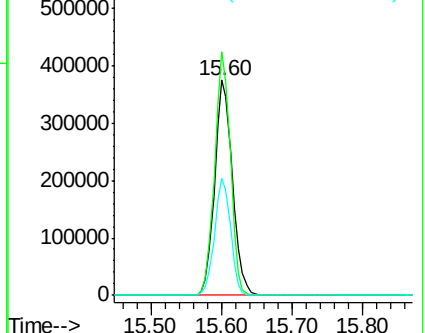
152 54.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.217 ng

RT: 15.42 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

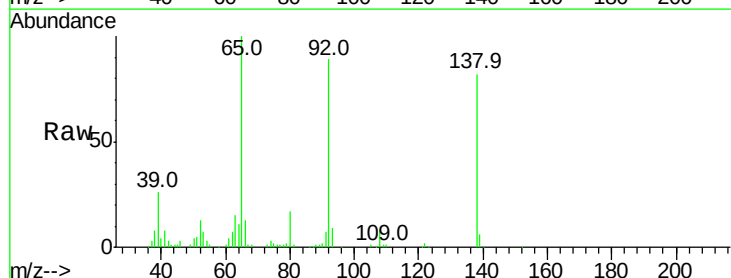
Tgt Ion:138 Resp: 71266

Ion Ratio Lower Upper

138 100

108 9.5 17.5 26.3#

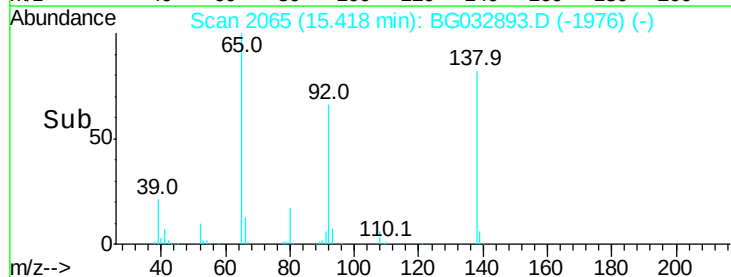
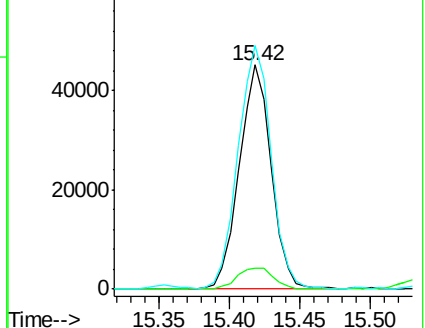
92 108.6 105.8 158.8

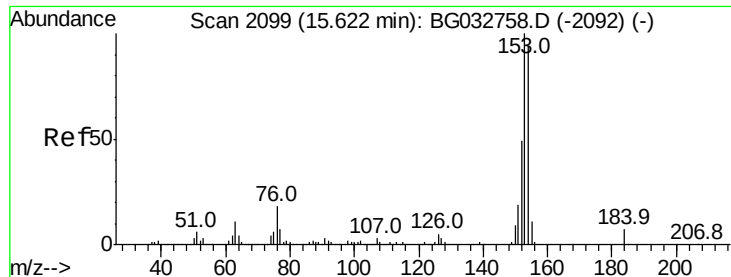


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

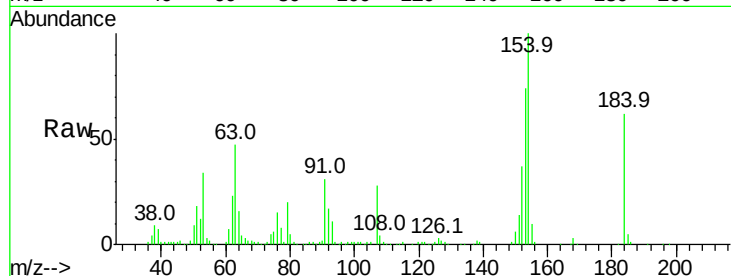




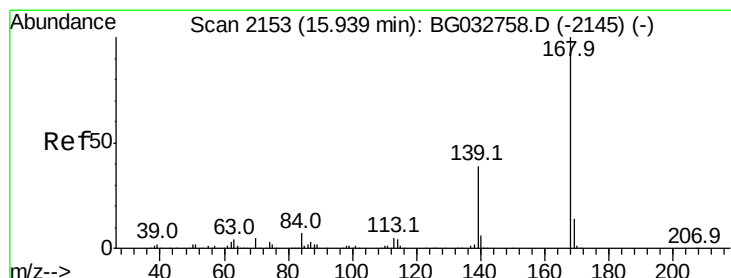
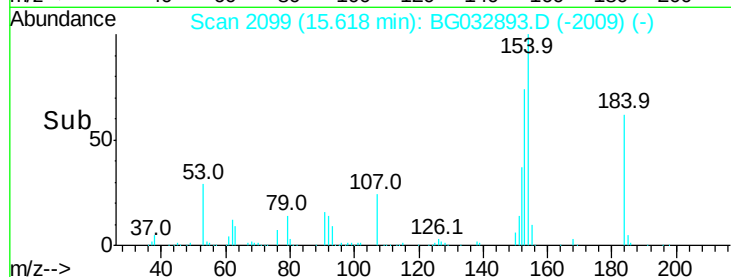
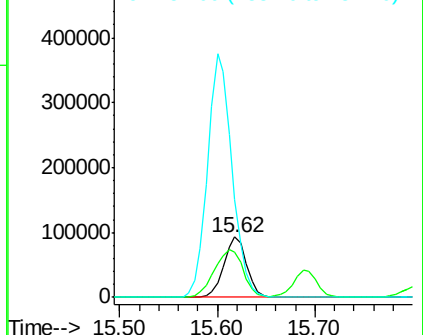
#53
2,4-Dinitrophenol
Concen: 132.522 ng
RT: 15.62 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 152182
Ion Ratio Lower Upper
184 100
63 75.5 59.8 89.8
154 160.7 101.8 152.8#

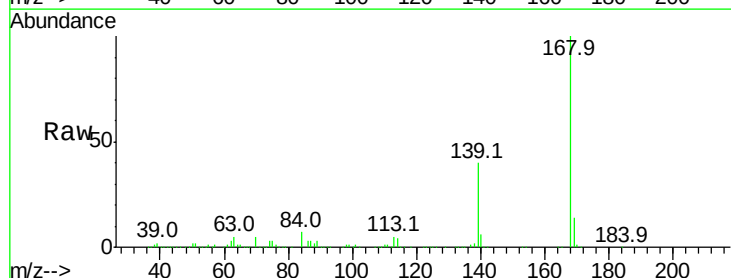


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

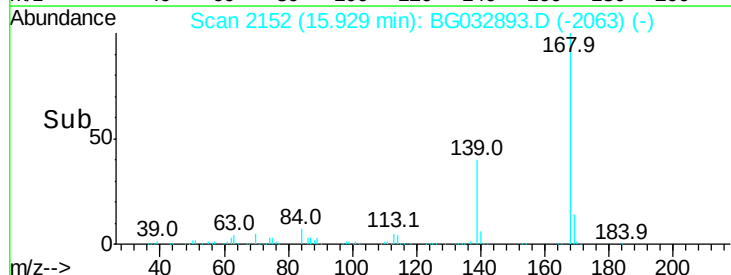
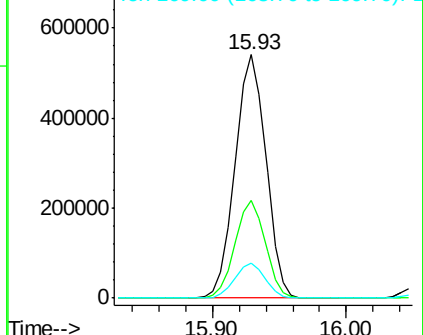


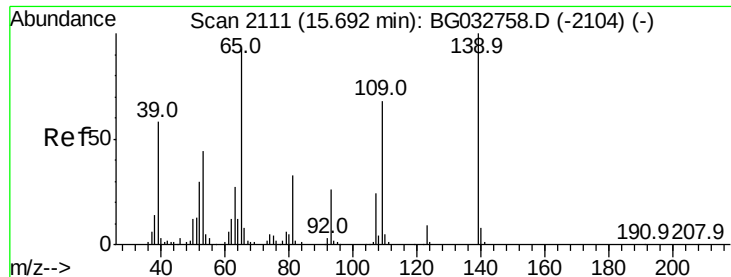
#54
Dibenzofuran
Concen: 44.156 ng
RT: 15.93 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

Tgt Ion:168 Resp: 867081
Ion Ratio Lower Upper
168 100
139 40.3 28.6 43.0
169 14.3 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

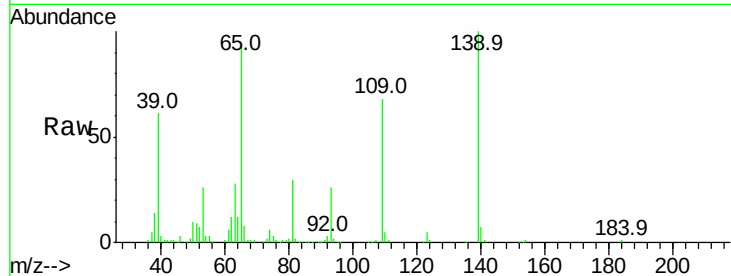




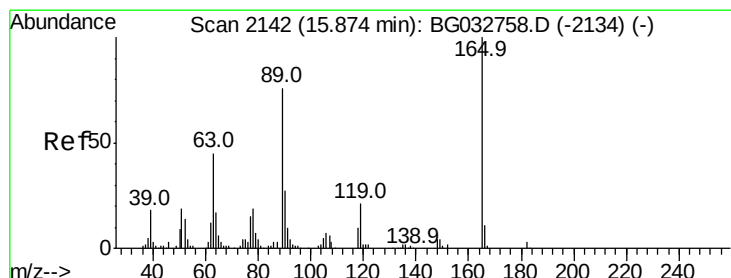
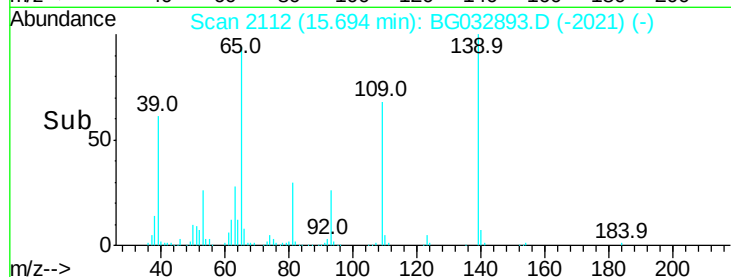
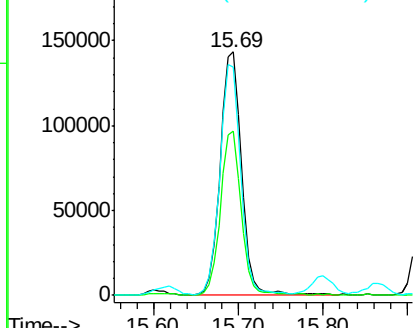
#55
4-Nitrophenol
Concen: 87.374 ng
RT: 15.69 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 253791
Ion Ratio Lower Upper
139 100
109 67.5 62.2 102.2
65 93.8 97.2 137.2#



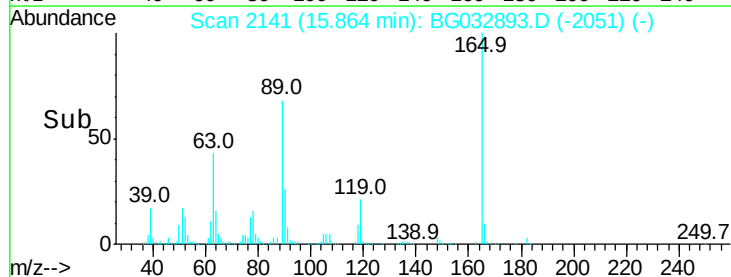
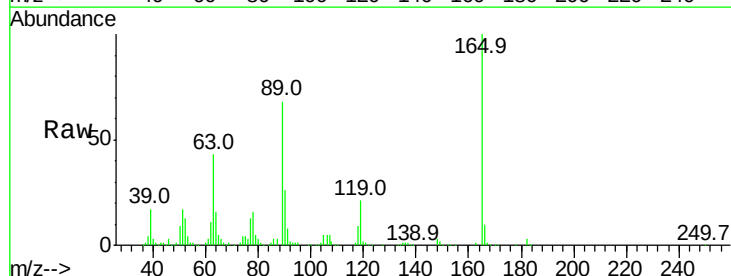
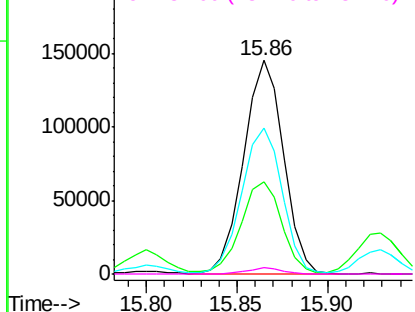
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

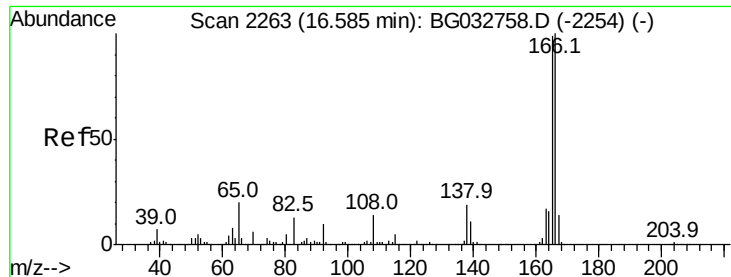


#56
2,4-Dinitrotoluene
Concen: 60.772 ng
RT: 15.86 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

Tgt Ion:165 Resp: 222392
Ion Ratio Lower Upper
165 100
63 42.9 42.0 63.0
89 68.4 66.9 100.3
182 2.9 2.6 3.8

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





#57

Fluorene

Concen: 42.923 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Instrument :

BNA_G

ClientSampled :

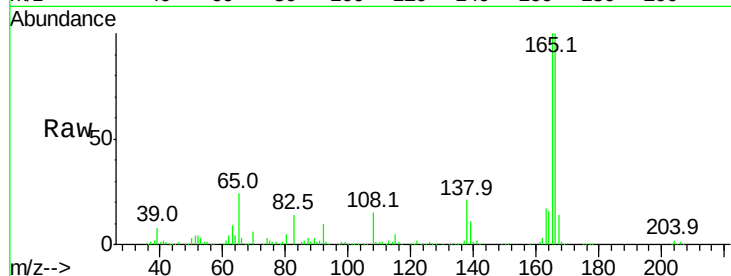
Tot Ion:166 Resp: 695668

Ion Ratio Lower Upper

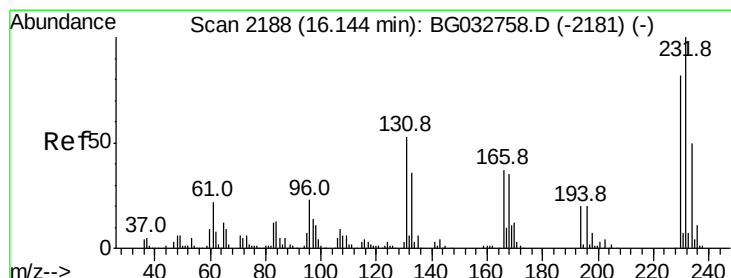
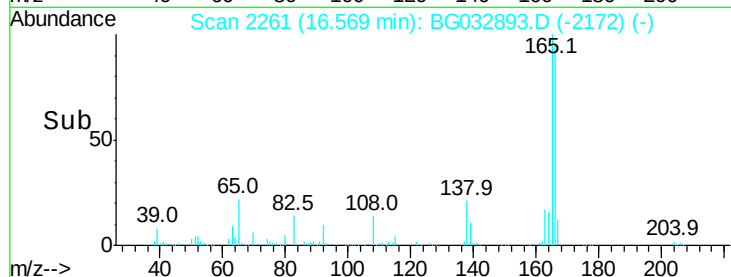
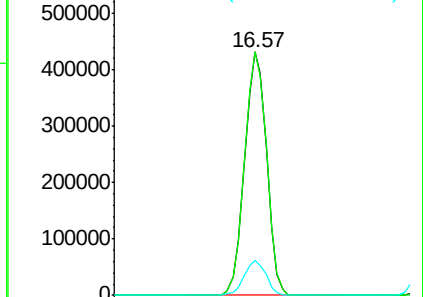
166 100

165 100.0 80.6 121.0

167 14.3 10.4 15.6



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.942 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.08 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Tgt Ion:232 Resp: 174077

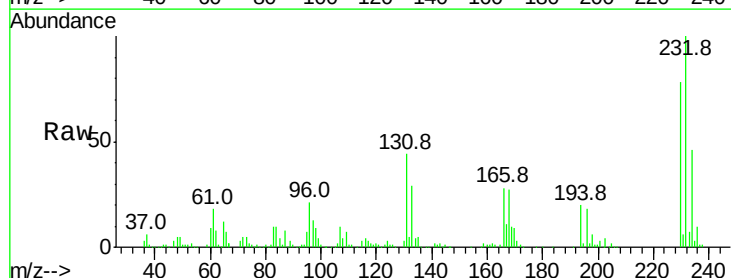
Ion Ratio Lower Upper

232 100

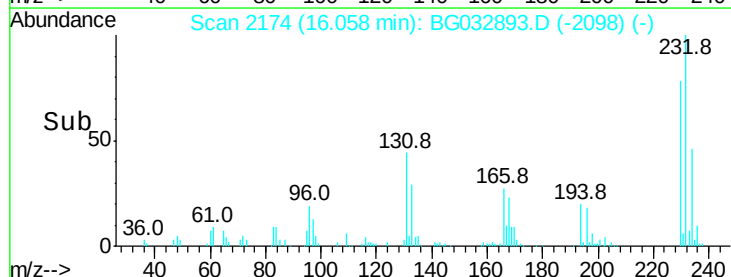
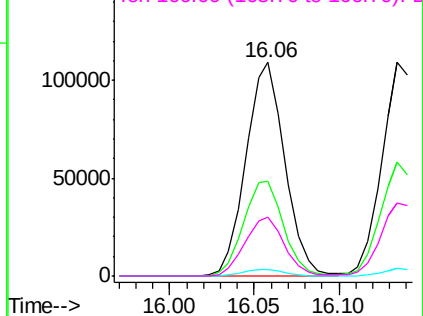
131 45.6 33.5 50.3

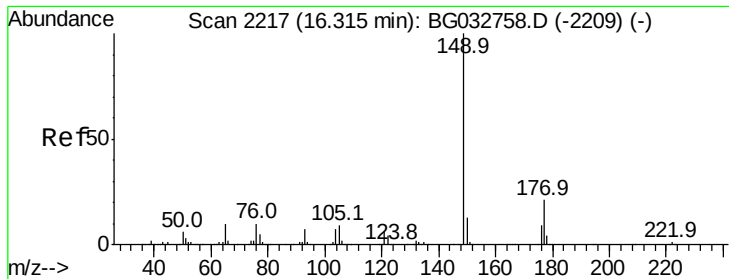
130 3.0 2.2 3.2

166 28.0 24.8 37.2



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

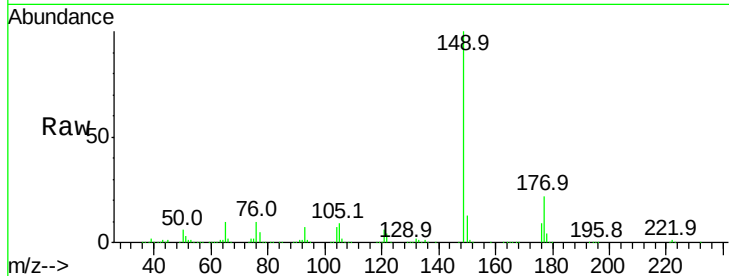




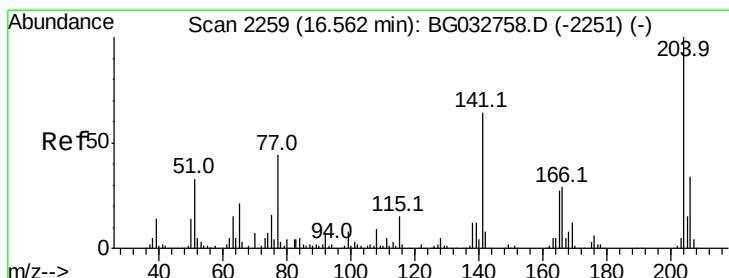
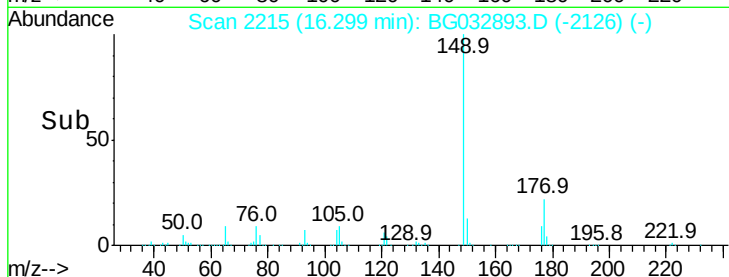
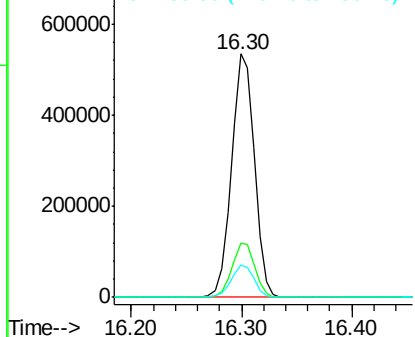
#59
Diethylphthalate
Concen: 41.693 ng
RT: 16.30 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 773681
Ion Ratio Lower Upper
149 100
177 22.1 18.5 27.7
150 13.3 10.2 15.2

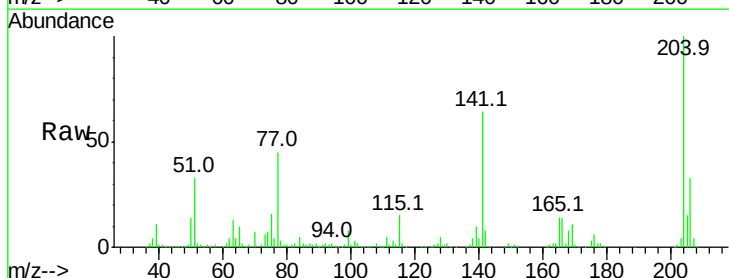


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

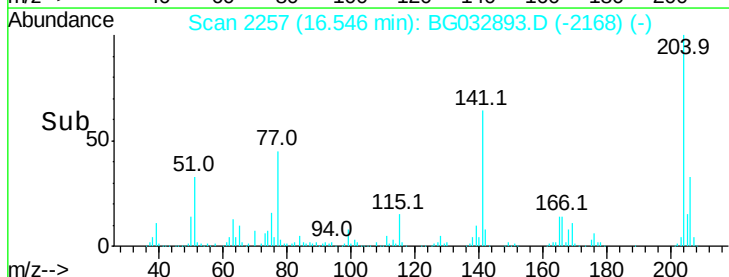
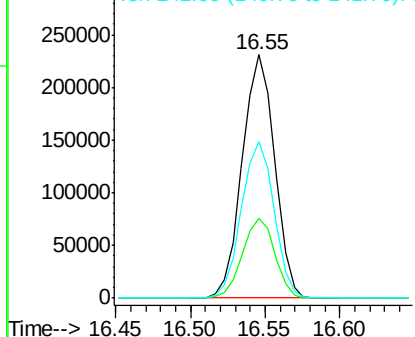


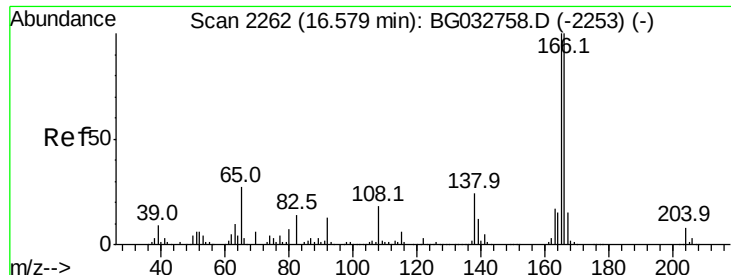
#60
4-Chlorophenyl-phenylether
Concen: 43.728 ng
RT: 16.55 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

Tgt Ion:204 Resp: 346698
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 64.2 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

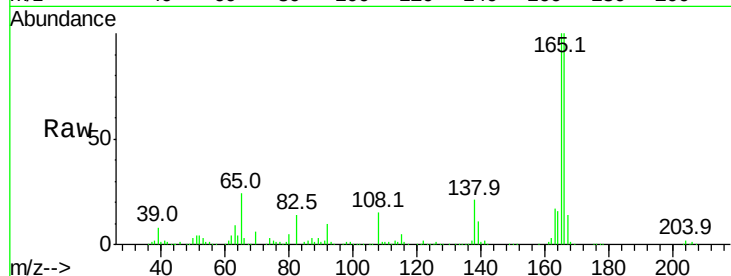




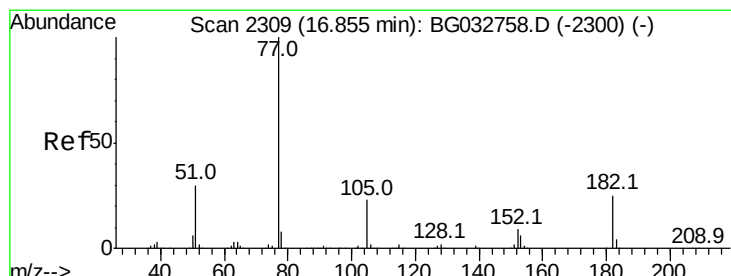
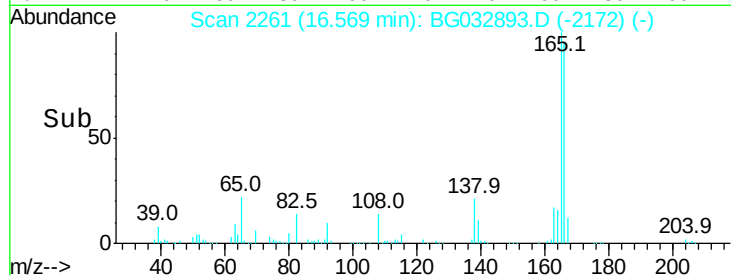
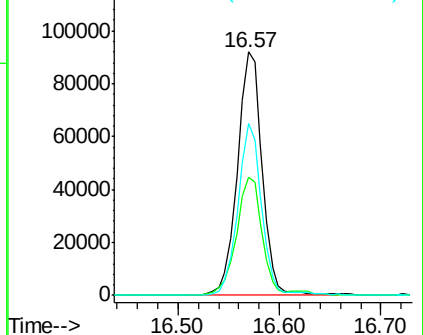
#61
4-Nitroaniline
Concen: 41.688 ng
RT: 16.57 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 155796
Ion Ratio Lower Upper
138 100
92 48.8 40.1 80.1
108 70.4 65.4 105.4

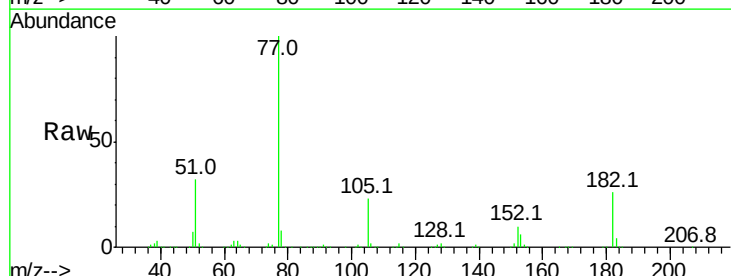


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

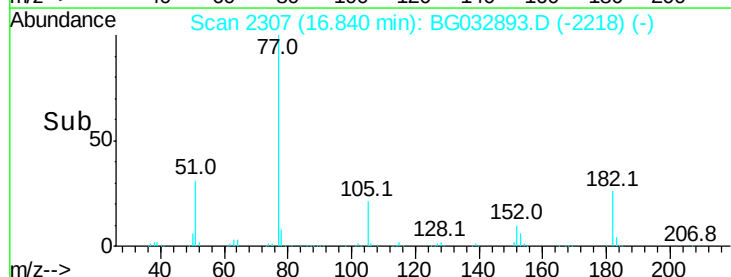
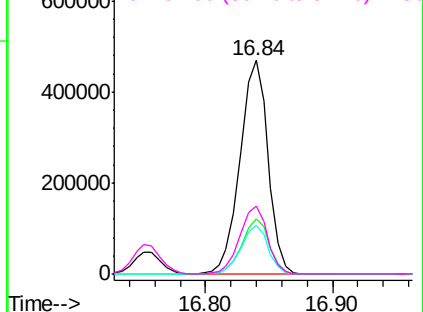


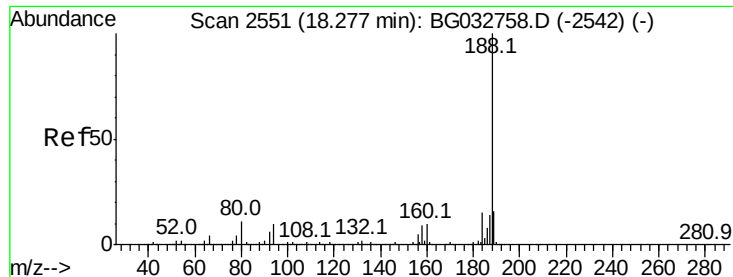
#62
Azobenzene
Concen: 43.185 ng
RT: 16.84 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

Tgt Ion: 77 Resp: 716913
Ion Ratio Lower Upper
77 100
182 25.9 7.4 47.4
105 22.8 0.3 40.3
51 31.8 11.6 51.6



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2549

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Instrument :

BNA_G

ClientSampleId :

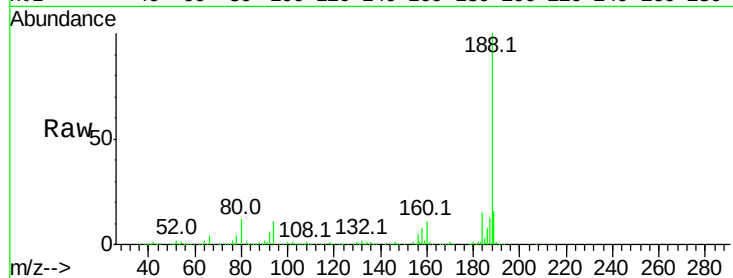
Tot Ion:188 Resp: 440588

Ion Ratio Lower Upper

188 100

94 10.5 6.9 10.3#

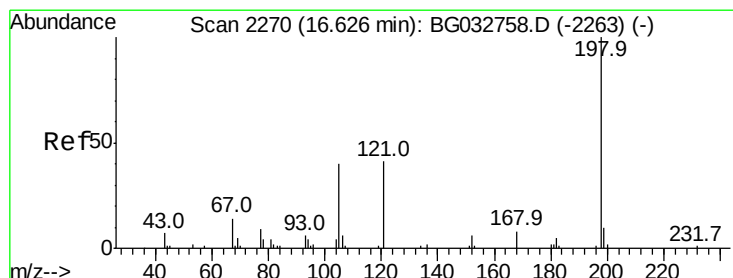
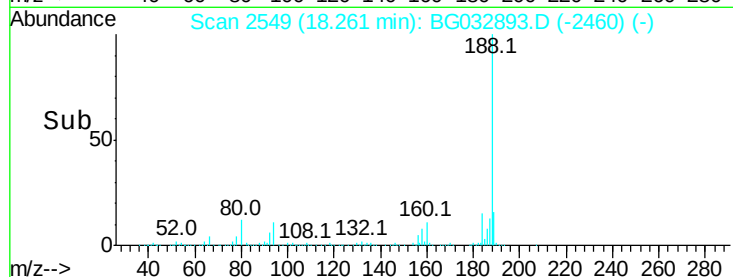
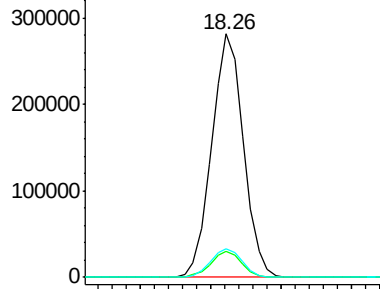
80 11.8 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 67.505 ng

RT: 16.62 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

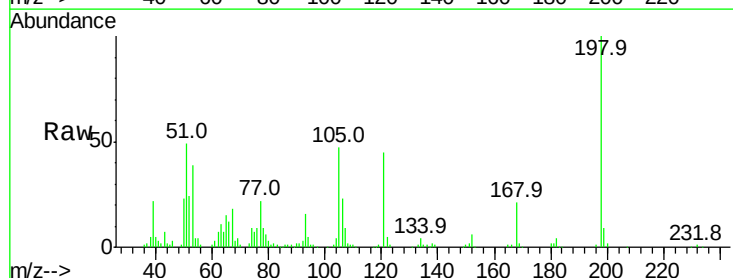
Tgt Ion:198 Resp: 100730

Ion Ratio Lower Upper

198 100

51 48.8 30.6 70.6

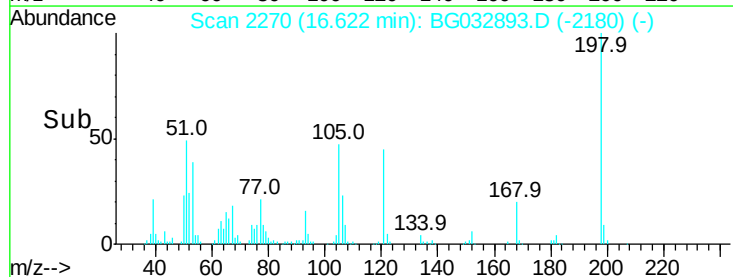
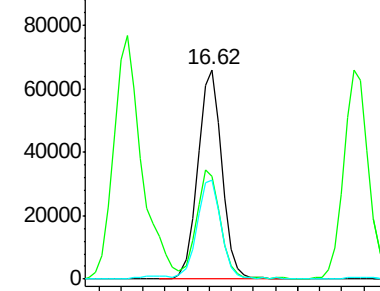
105 47.5 23.8 63.8

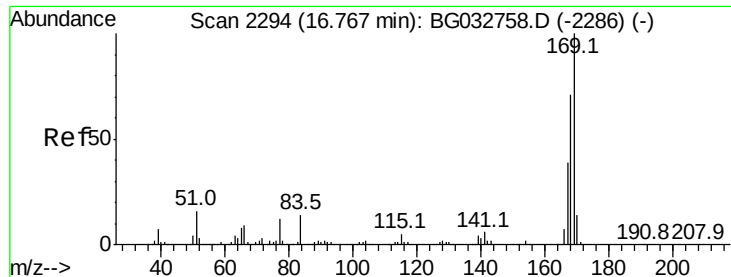


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.396 ng

RT: 16.76 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Instrument :

BNA_G

ClientSampleId :

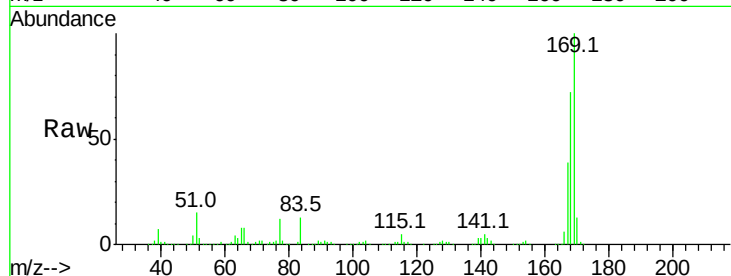
Tot Ion:169 Resp: 636328

Ion Ratio Lower Upper

169 100

168 71.6 55.7 83.5

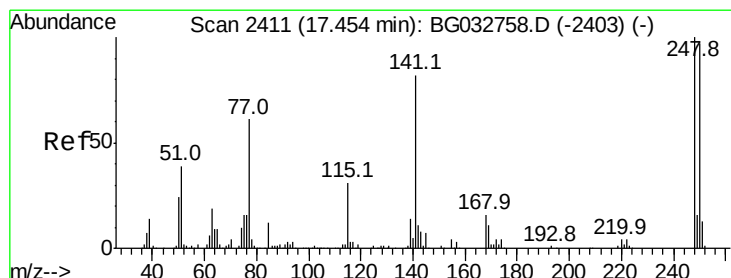
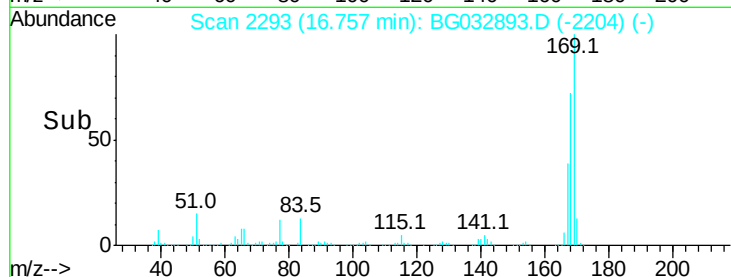
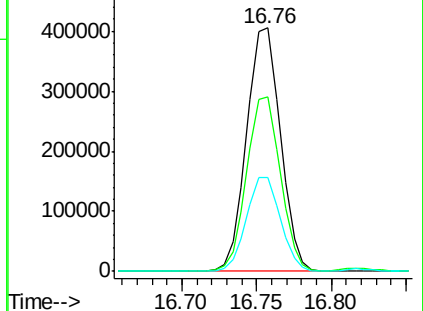
167 38.7 30.1 45.1



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



#66

4-Bromophenyl-phenylether

Concen: 44.346 ng

RT: 17.44 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

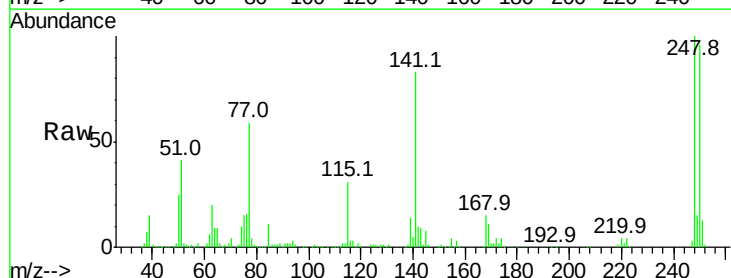
Tgt Ion:248 Resp: 206598

Ion Ratio Lower Upper

248 100

250 96.1 77.1 115.7

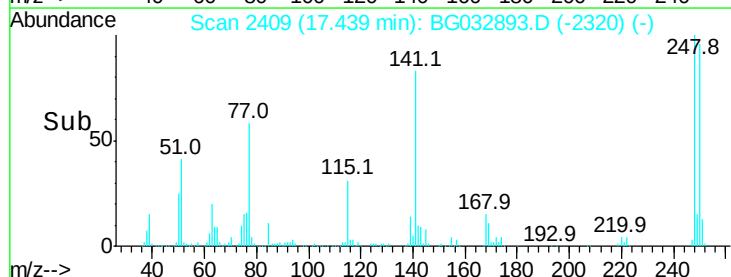
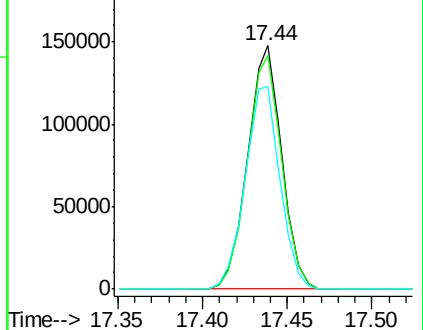
141 83.1 50.8 76.2#

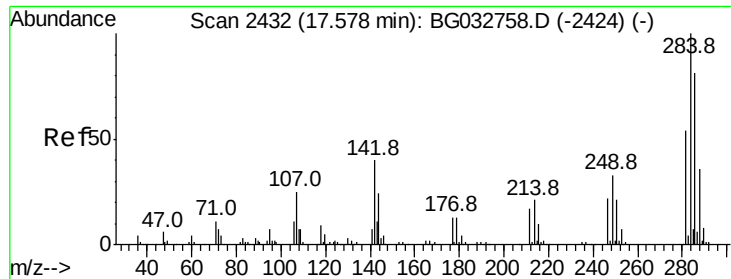


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.648 ng

RT: 17.56 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Instrument :

BNA_G

ClientSampleId :

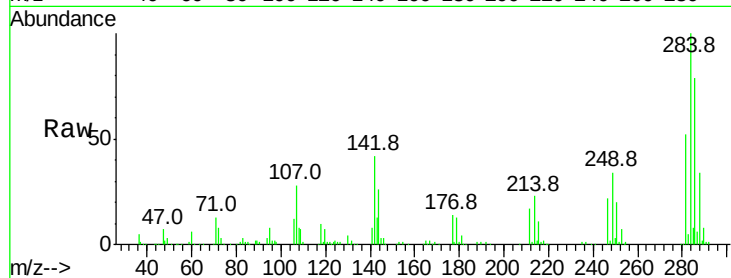
Tot Ion:284 Resp: 209676

Ion Ratio Lower Upper

284 100

142 42.2 26.8 40.2#

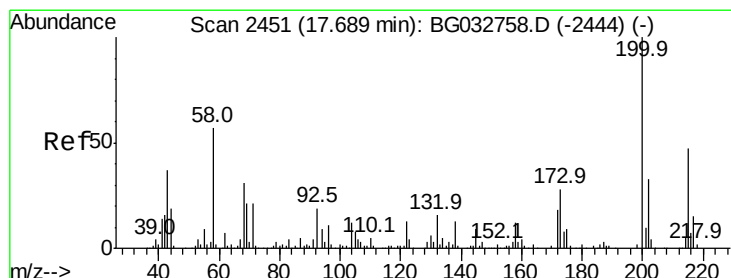
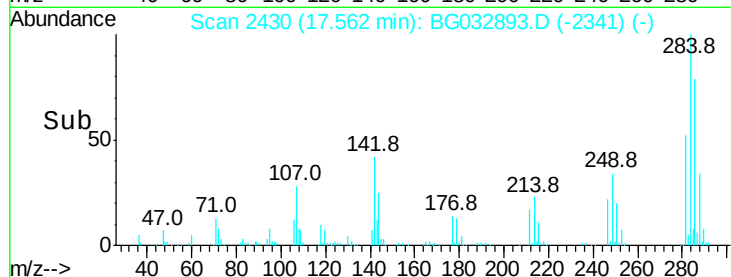
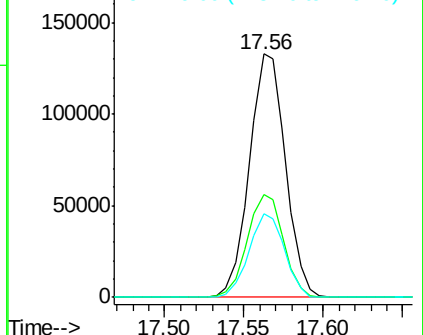
249 34.2 26.3 39.5



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



#68

Atrazine

Concen: 44.600 ng

RT: 17.67 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

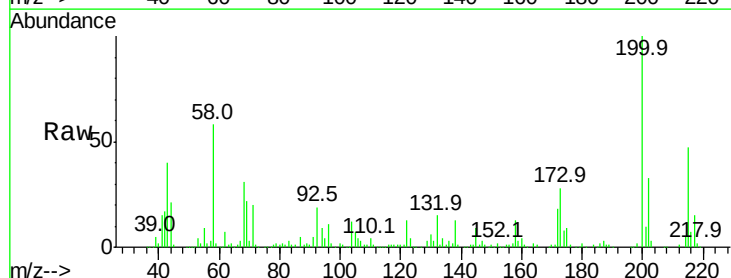
Tgt Ion:200 Resp: 210417

Ion Ratio Lower Upper

200 100

173 28.5 5.2 45.2

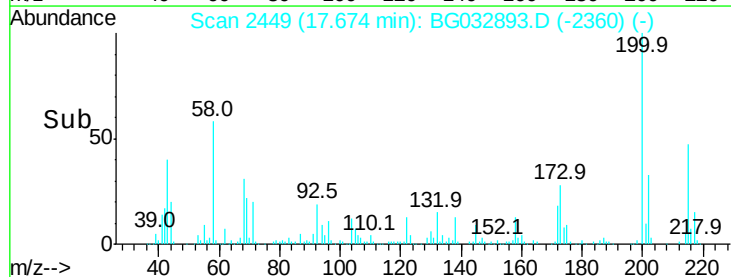
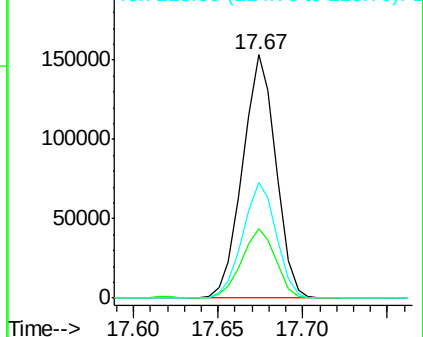
215 47.4 30.4 70.4

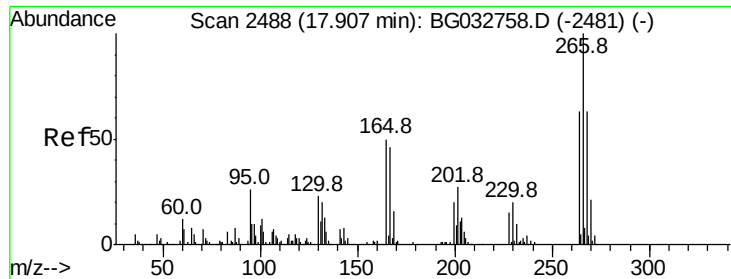


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

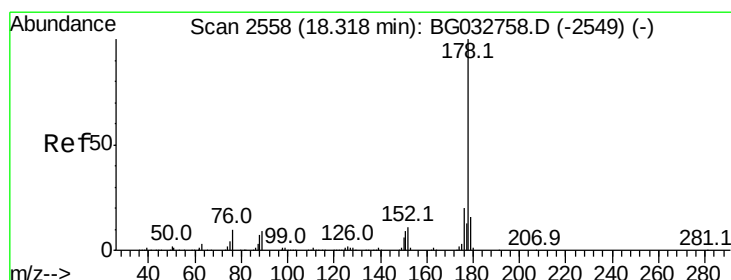
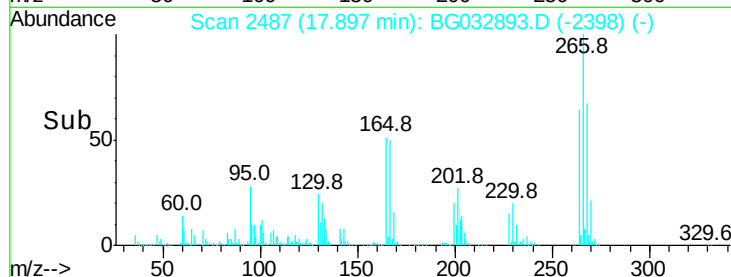
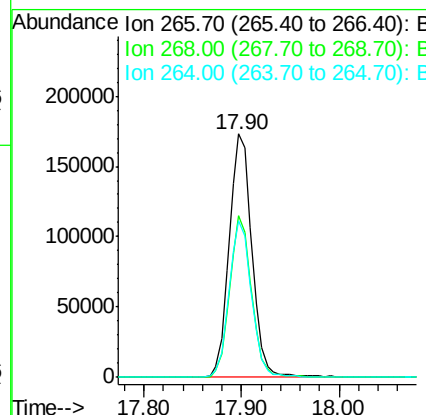
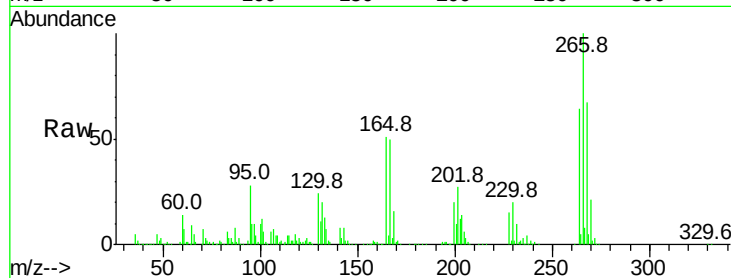




#69
 Pentachlorophenol
 Concen: 87.921 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

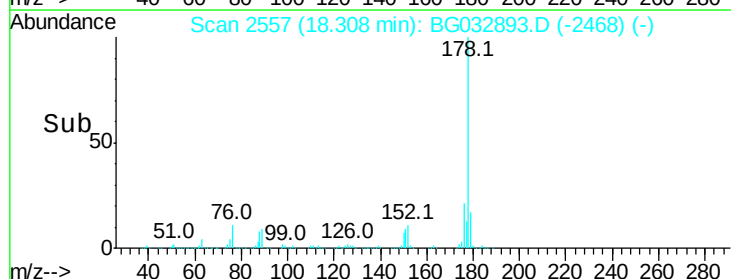
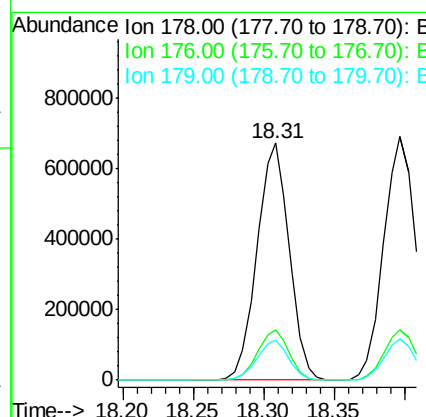
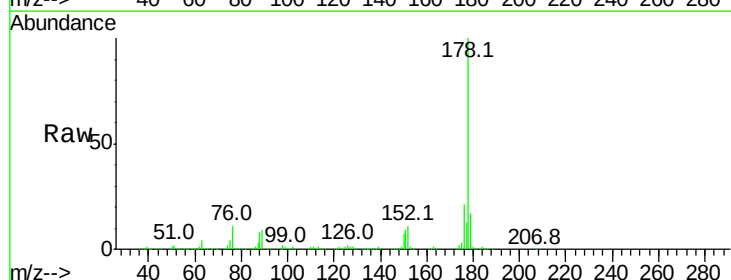
Instrument :
 BNA_G
 ClientSampleId :

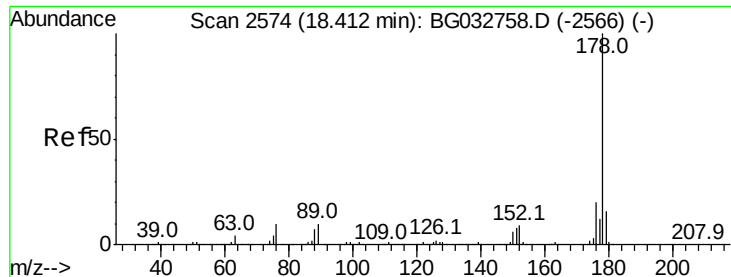
Tot Ion:266 Resp: 278811
 Ion Ratio Lower Upper
 266 100
 268 66.6 51.1 76.7
 264 64.2 49.6 74.4



#70
 Phenanthrene
 Concen: 43.631 ng
 RT: 18.31 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

Tgt Ion:178 Resp: 1072471
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.7 23.5
 179 16.8 12.5 18.7

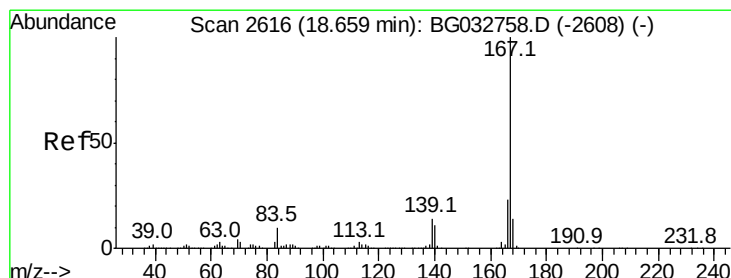
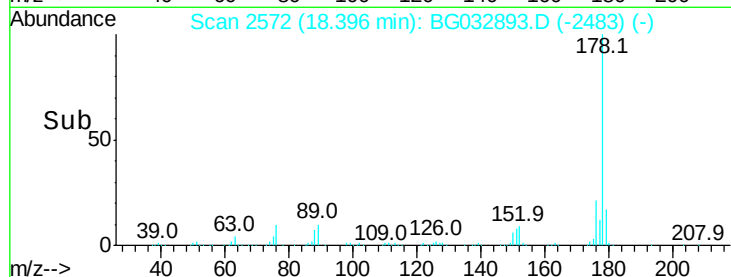
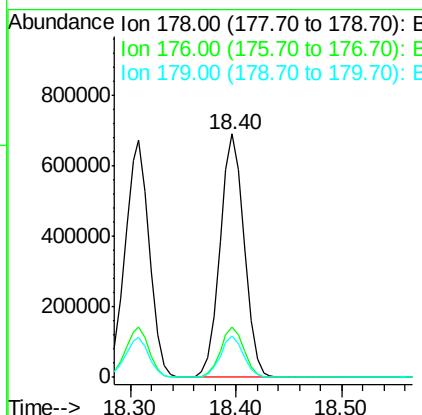
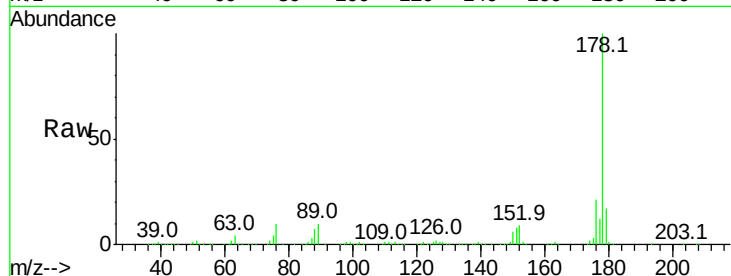




#71
 Anthracene
 Concen: 44.176 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. -0.01 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

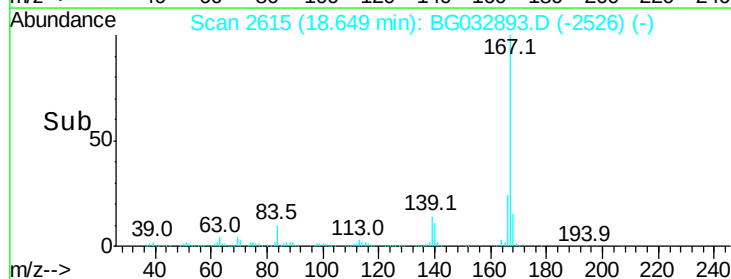
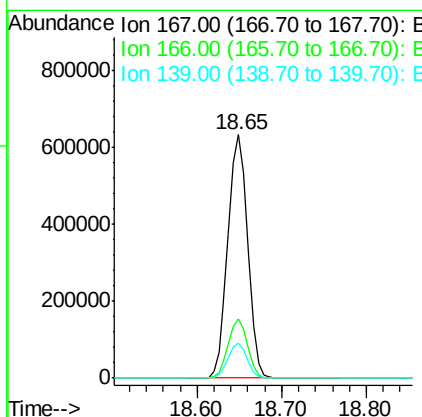
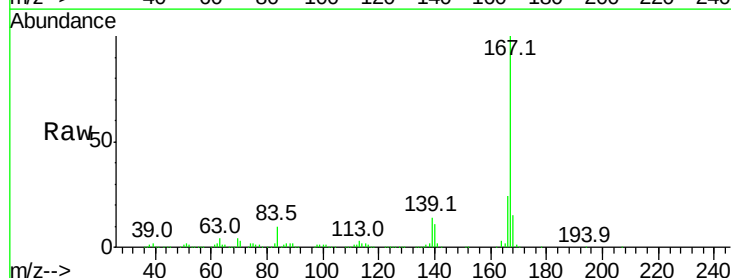
Instrument :
 BNA_G
 ClientSampled :

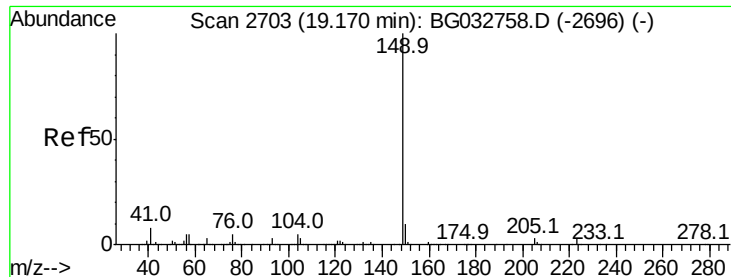
Tot Ion:178 Resp: 1090159
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.0 24.0
 179 16.9 12.5 18.7



#72
 Carbazole
 Concen: 41.817 ng
 RT: 18.65 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

Tgt Ion:167 Resp: 1017135
 Ion Ratio Lower Upper
 167 100
 166 24.2 18.2 27.4
 139 14.3 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 42.538 ng

RT: 19.15 min Scan# 2700

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Instrument :

BNA_G

ClientSampleId :

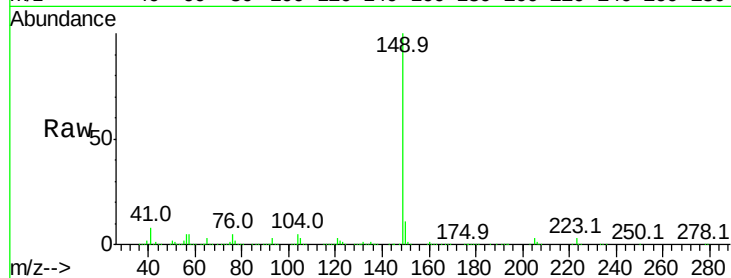
Tot Ion:149 Resp: 1269359

Ion Ratio Lower Upper

149 100

150 10.7 7.8 11.6

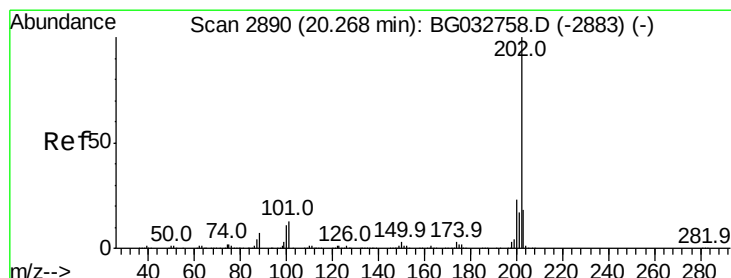
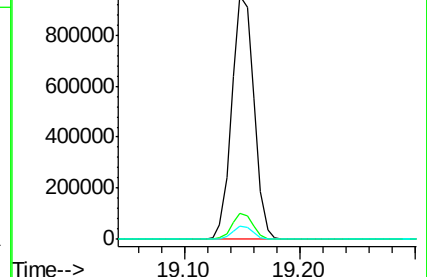
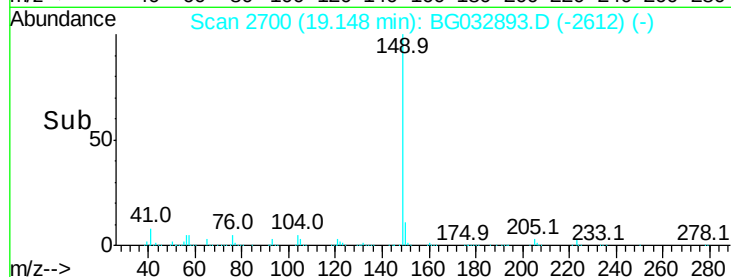
104 5.5 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.296 ng

RT: 20.26 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

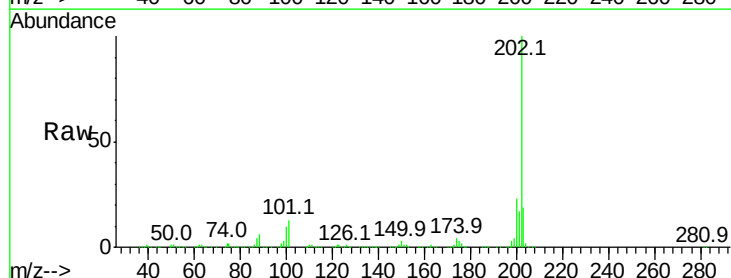
Tgt Ion:202 Resp: 1175596

Ion Ratio Lower Upper

202 100

101 13.4 0.0 28.9

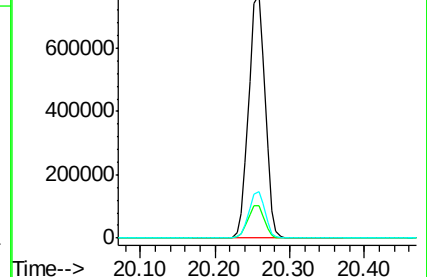
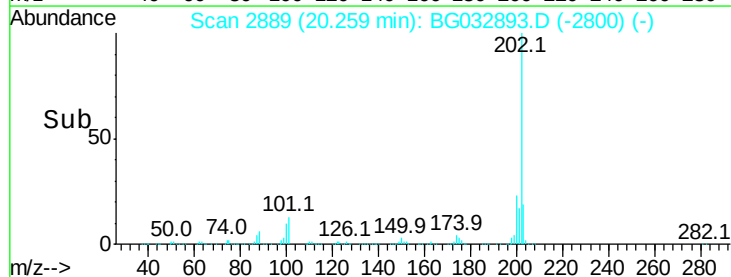
203 18.9 0.0 37.5

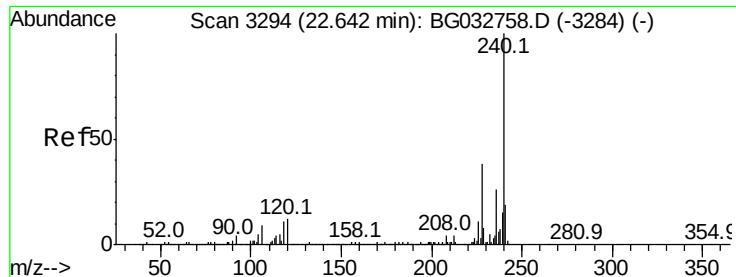


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.62 min Scan# 3291

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Instrument :

BNA_G

ClientSampleId :

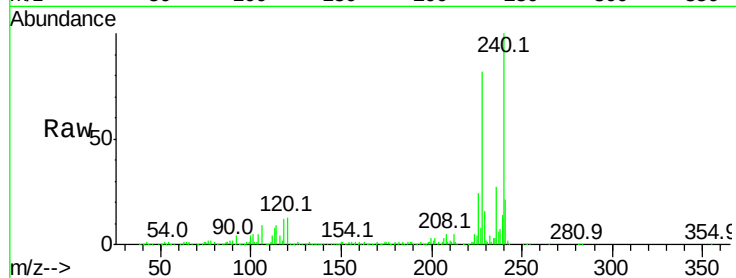
Tot Ion:240 Resp: 395184

Ion Ratio Lower Upper

240 100

120 13.2 6.8 10.2#

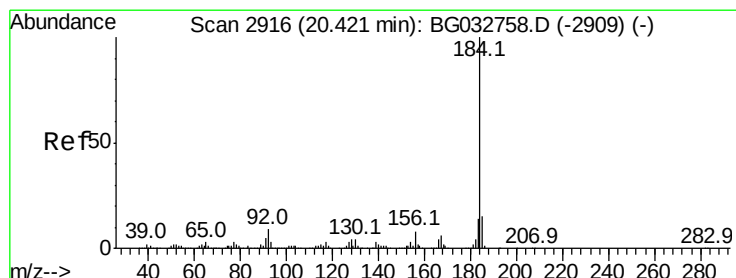
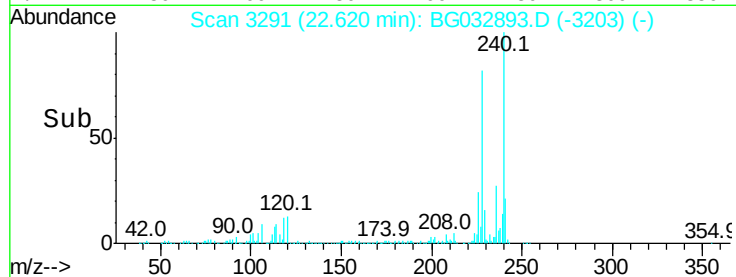
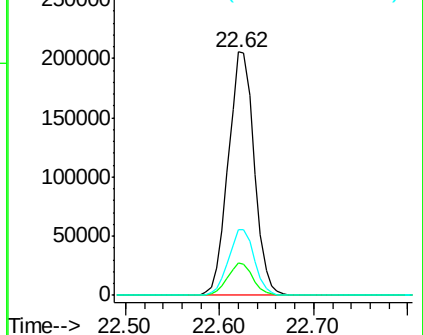
236 26.9 20.9 31.3



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



#76

Benzidine

Concen: 4.208 ng

RT: 20.42 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

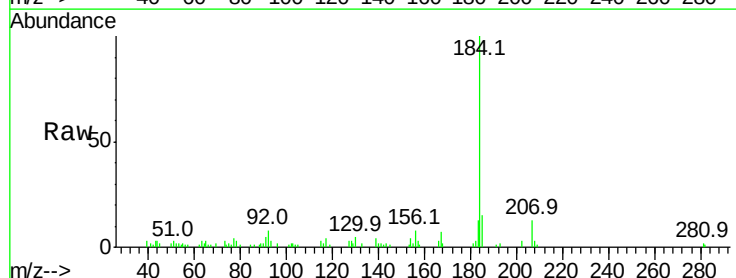
Tgt Ion:184 Resp: 56686

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

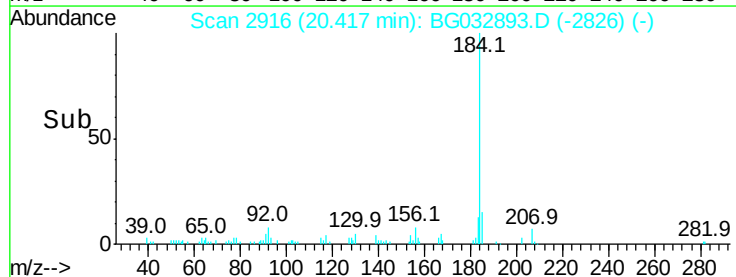
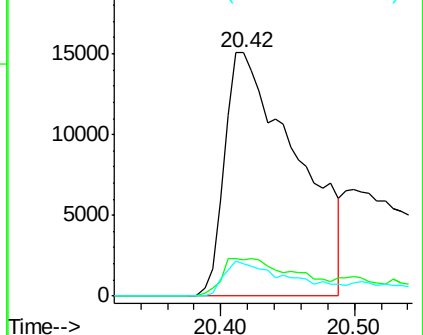
183 13.4 10.6 16.0

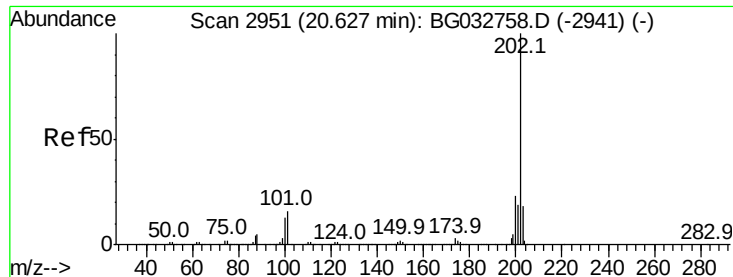


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.065 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

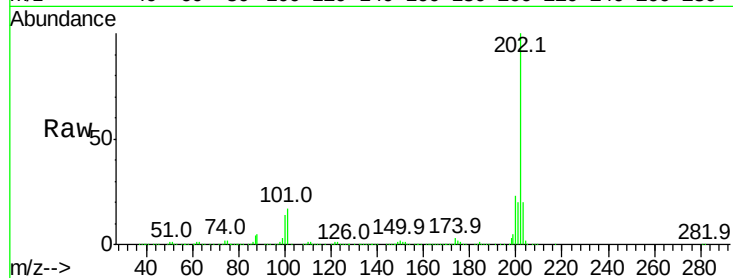
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1172292

Ion	Ratio	Lower	Upper
202	100		
200	23.3	16.9	25.3
203	19.8	13.9	20.9

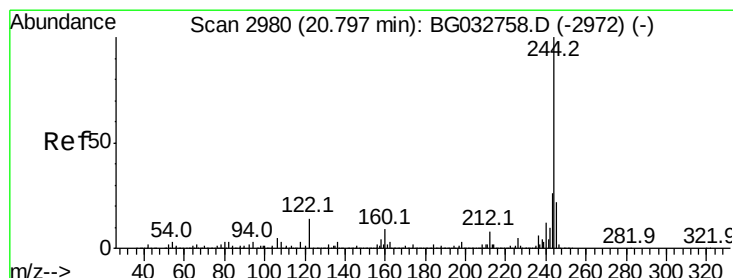
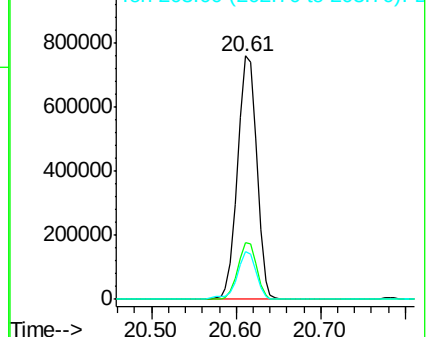
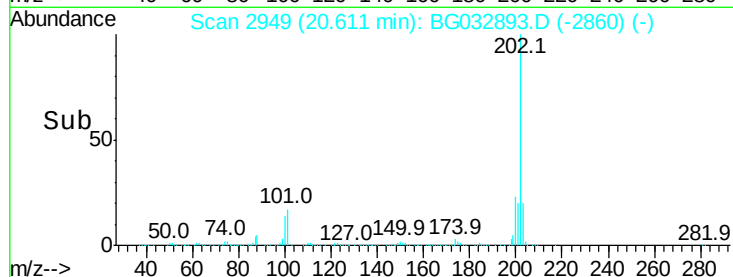


Abundance

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



#78

Terphenyl-d14

Concen: 95.306 ng

RT: 20.78 min Scan# 2978

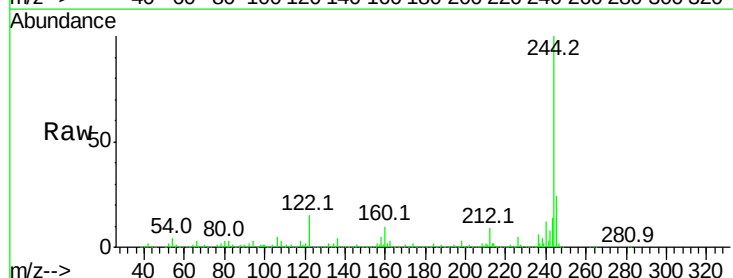
Delta R.T. -0.01 min

Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Tgt Ion:244 Resp: 1676374

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	15.0	7.0	10.4#

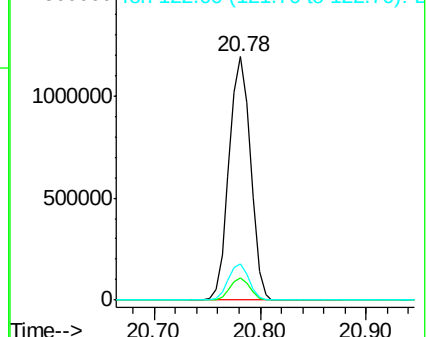
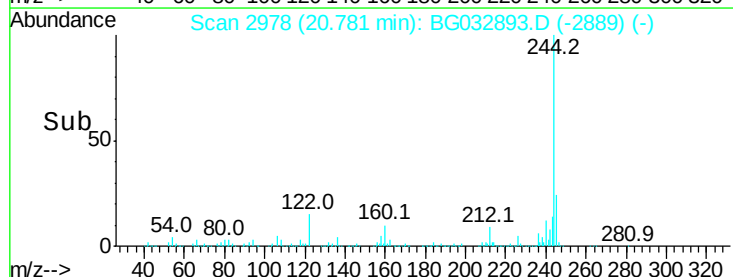


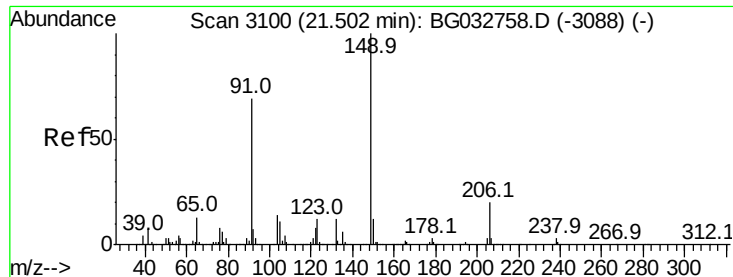
Abundance

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

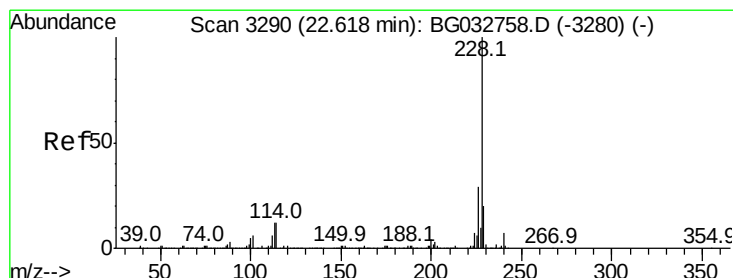
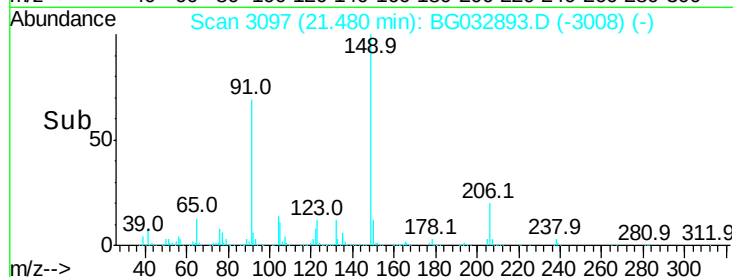
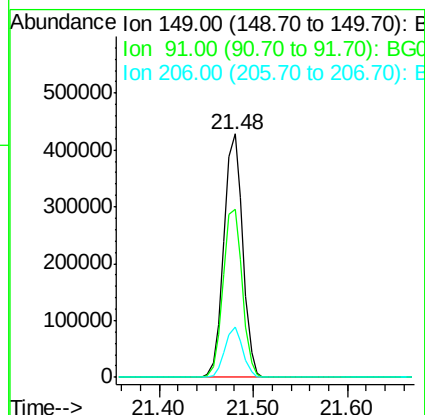
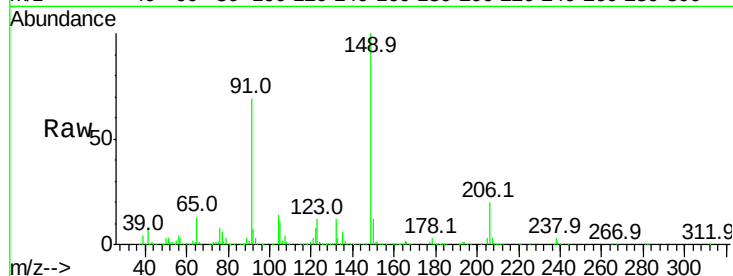




#79
Butylbenzylphthalate
Concen: 48.362 ng
RT: 21.48 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

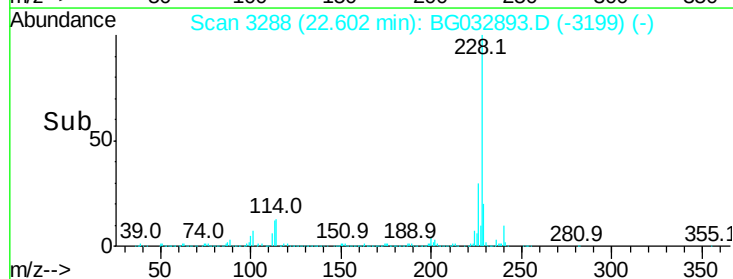
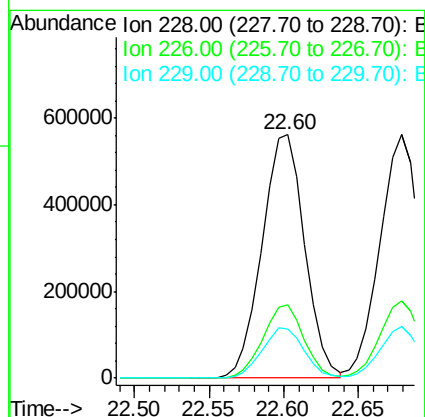
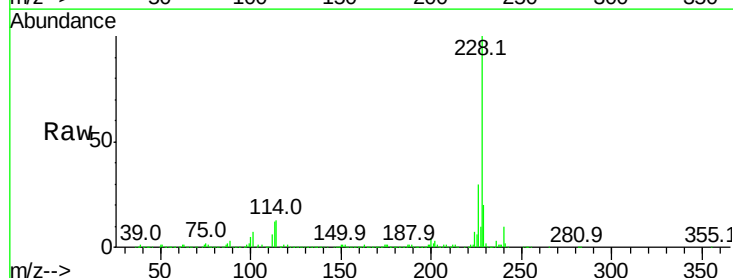
Instrument :
BNA_G
ClientSampled :

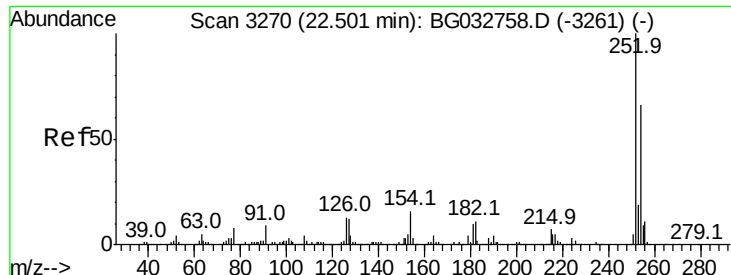
Tot Ion:149 Resp: 597562
Ion Ratio Lower Upper
149 100
91 69.3 62.2 93.2
206 20.4 18.6 27.8



#80
Benzo(a)anthracene
Concen: 43.966 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

Tgt Ion:228 Resp: 1114153
Ion Ratio Lower Upper
228 100
226 30.0 22.7 34.1
229 20.3 16.2 24.2

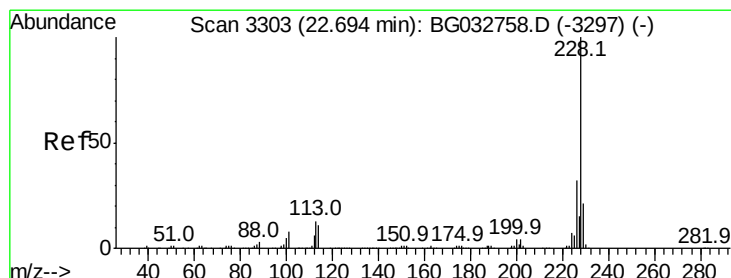
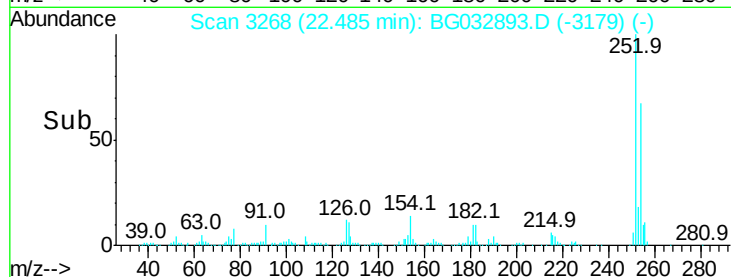
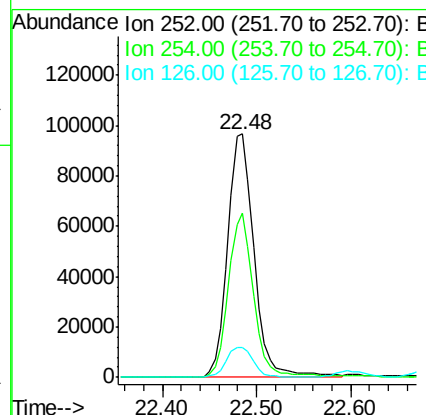
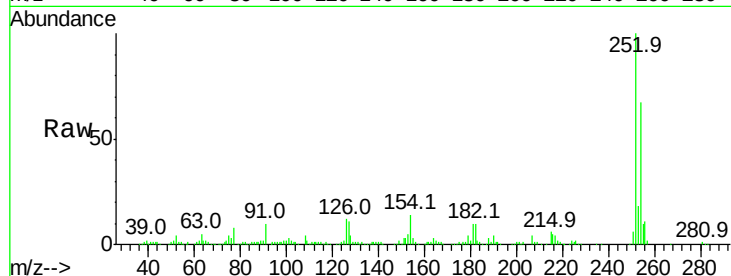




#81
 3,3'-Dichlorobenzidine
 Concen: 20.202 ng
 RT: 22.48 min Scan# 3268
 Delta R.T. -0.01 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

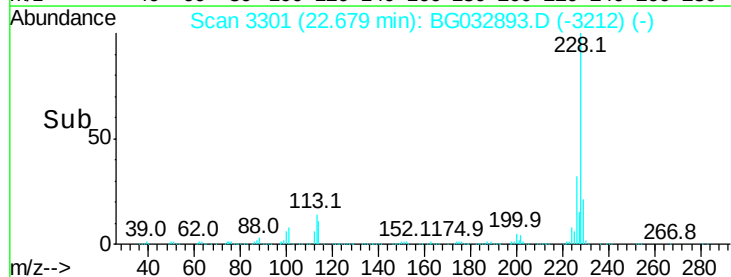
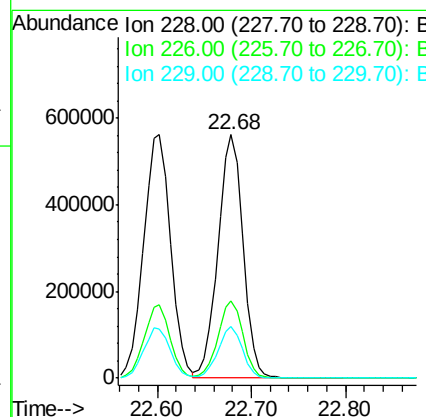
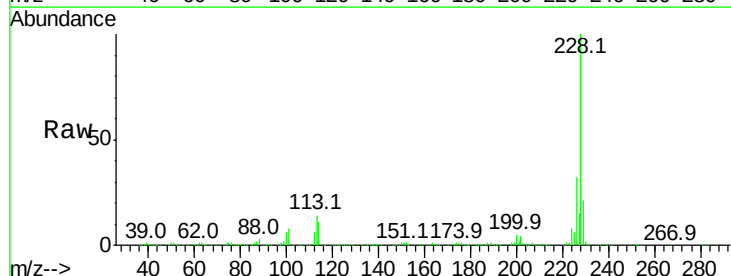
Instrument :
 BNA_G
 ClientSampleId :

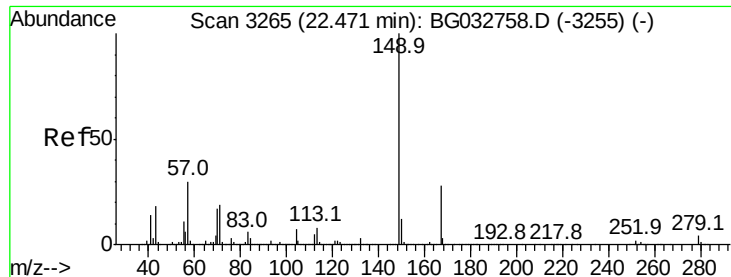
Tot Ion:252 Resp: 189608
 Ion Ratio Lower Upper
 252 100
 254 67.4 50.8 76.2
 126 12.2 7.4 11.2#



#82
 Chrysene
 Concen: 43.166 ng
 RT: 22.68 min Scan# 3301
 Delta R.T. -0.01 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

Tgt Ion:228 Resp: 1044934
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.9 37.3
 229 21.2 15.0 22.4

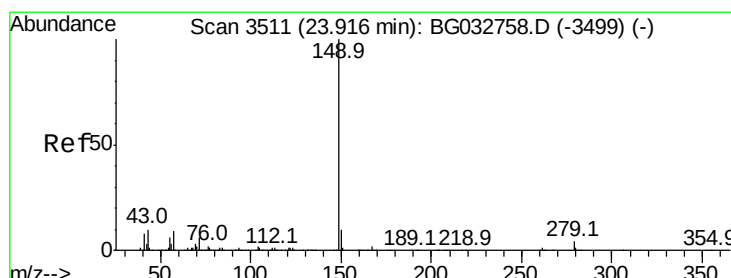
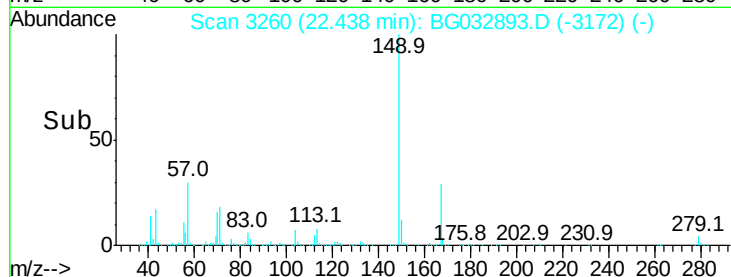
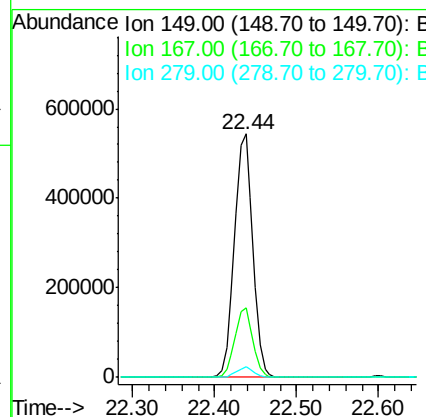
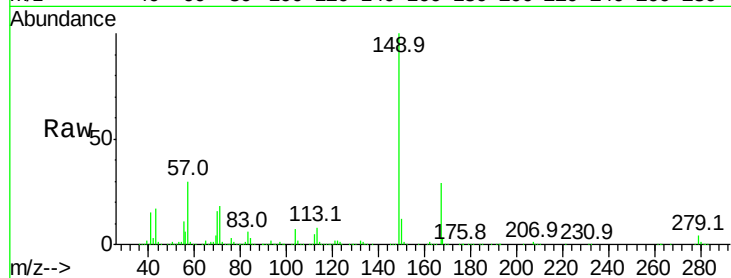




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.499 ng
 RT: 22.44 min Scan# 3260
 Delta R.T. -0.01 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

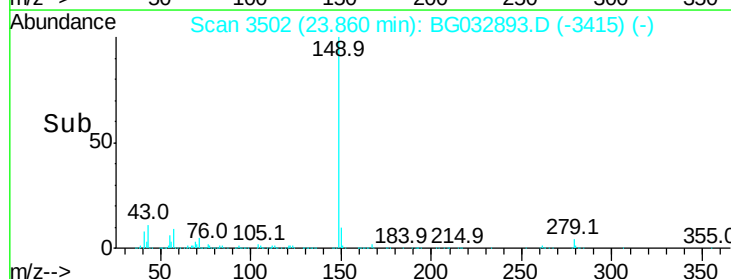
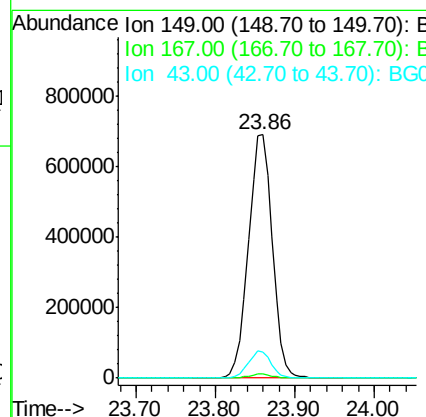
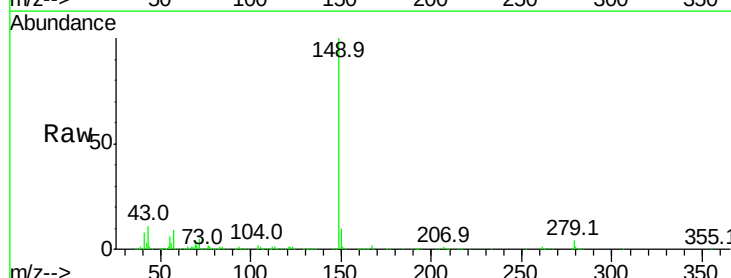
Instrument :
 BNA_G
 ClientSampleId :

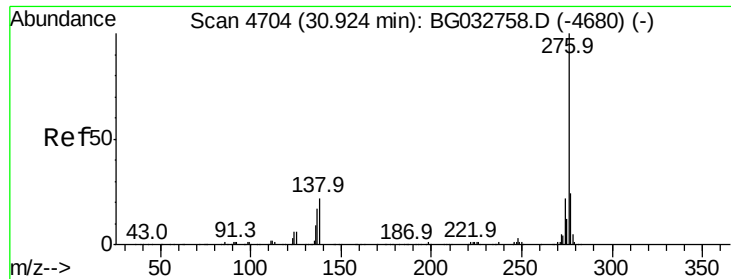
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.7	24.3	36.5
279	4.2	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 51.784 ng
 RT: 23.86 min Scan# 3502
 Delta R.T. -0.02 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.5	8.9	13.3

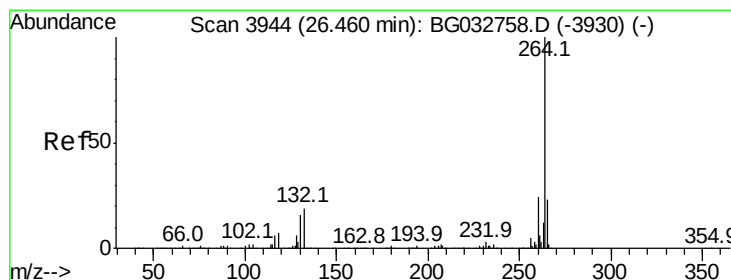
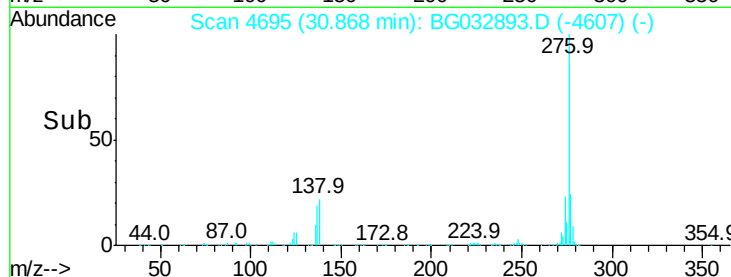
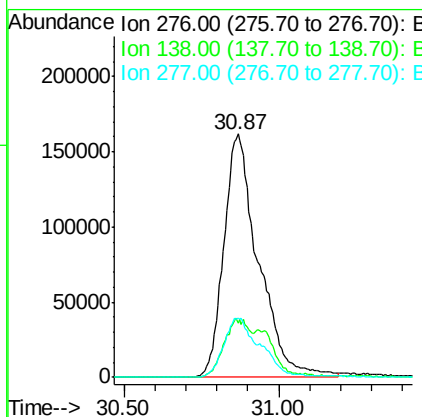
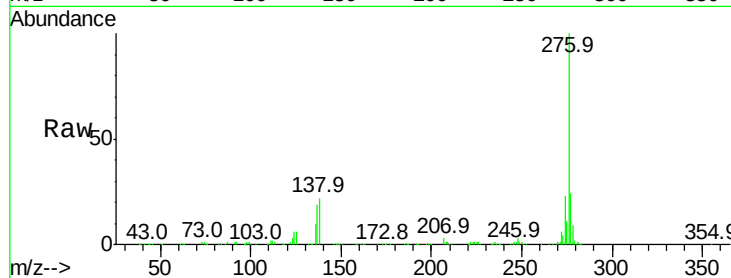




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.546 ng
 RT: 30.87 min Scan# 4695
 Delta R.T. -0.01 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

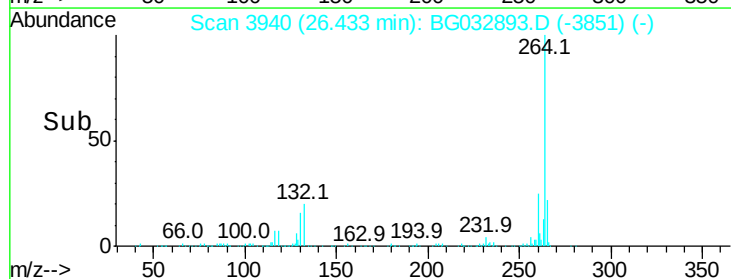
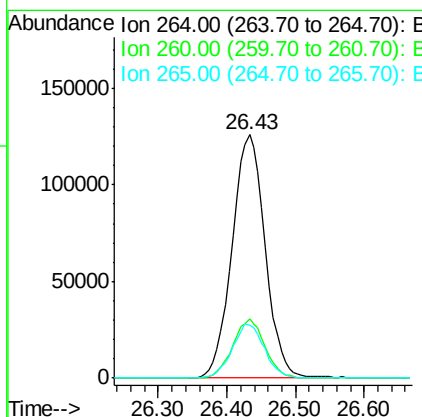
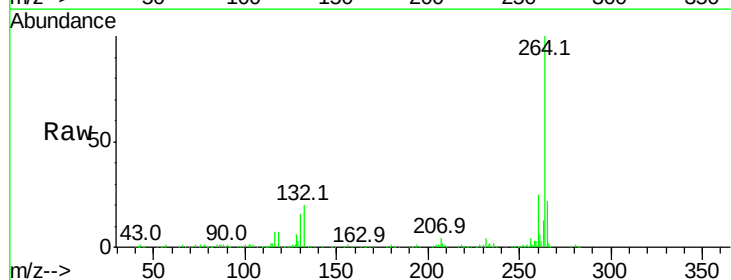
Instrument :
 BNA_G
 ClientSampleId :

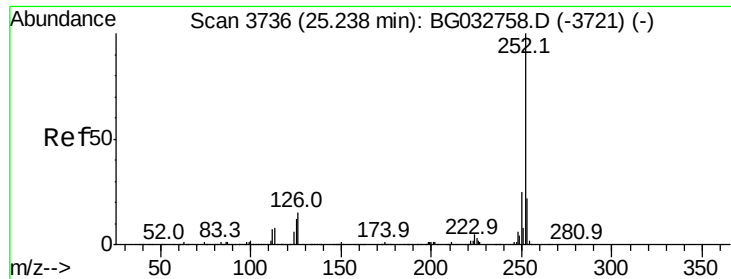
Tot Ion:276 Resp: 1257593
 Ion Ratio Lower Upper
 276 100
 138 18.6 16.0 24.0
 277 25.7 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.43 min Scan# 3940
 Delta R.T. -0.01 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

Tgt Ion:264 Resp: 421998
 Ion Ratio Lower Upper
 264 100
 260 24.5 17.4 26.0
 265 21.7 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 44.567 ng

RT: 25.21 min Scan# 3732

Delta R.T. -0.01 min

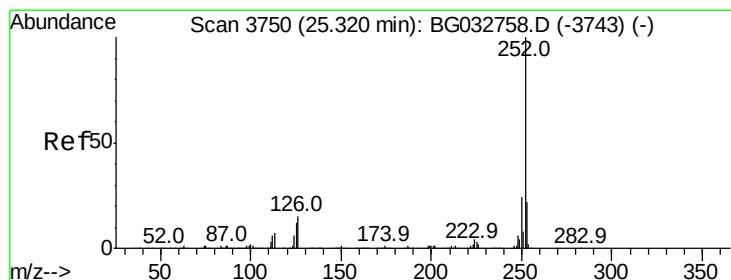
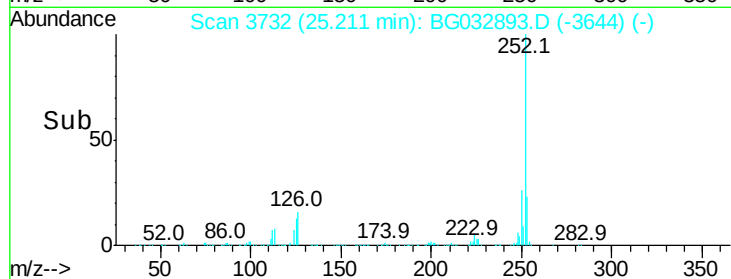
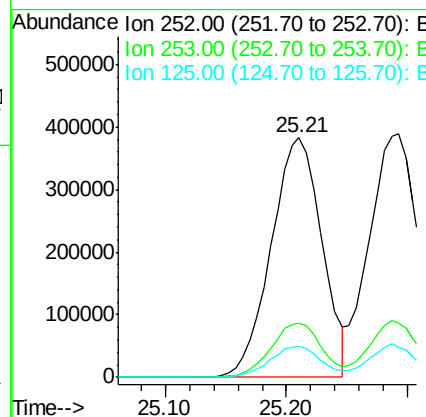
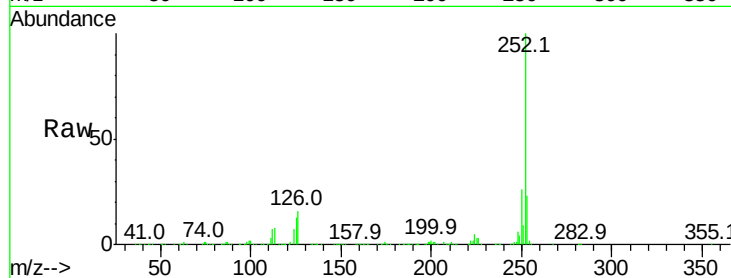
Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1112018

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	12.8	7.2	10.8



#88

Benzo(k)fluoranthene

Concen: 44.544 ng

RT: 25.29 min Scan# 3746

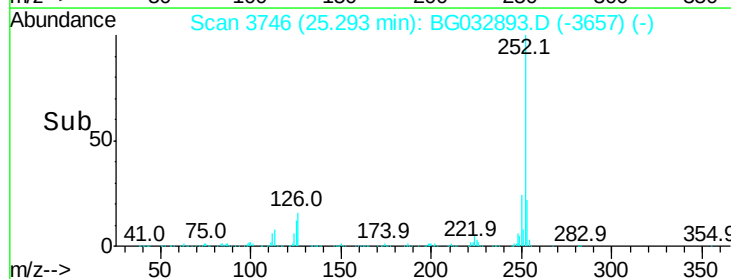
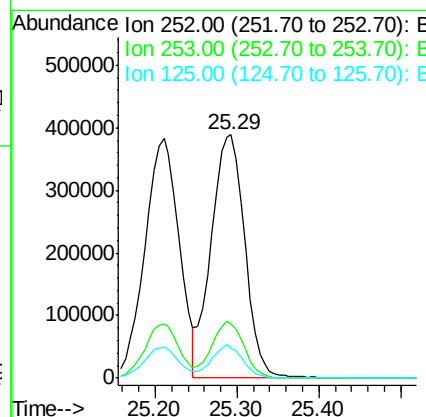
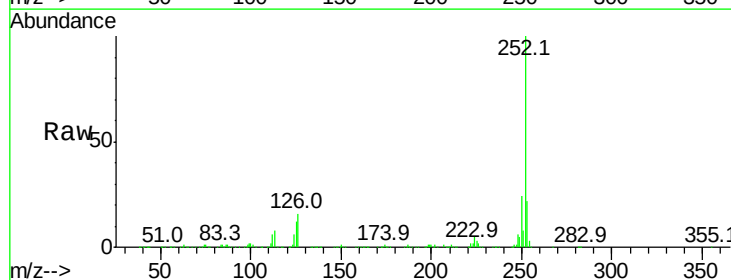
Delta R.T. -0.01 min

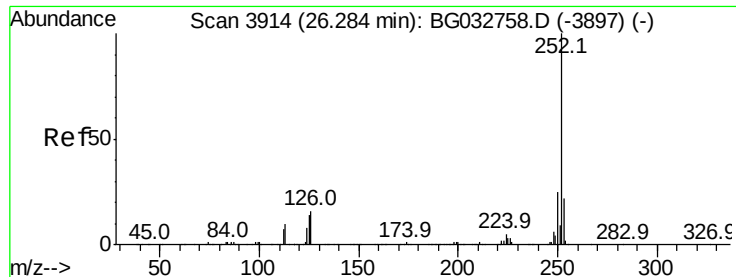
Lab File: BG032893.D

Acq: 28 Feb 2018 18:35

Tgt Ion:252 Resp: 1104590

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	12.4	6.6	9.8

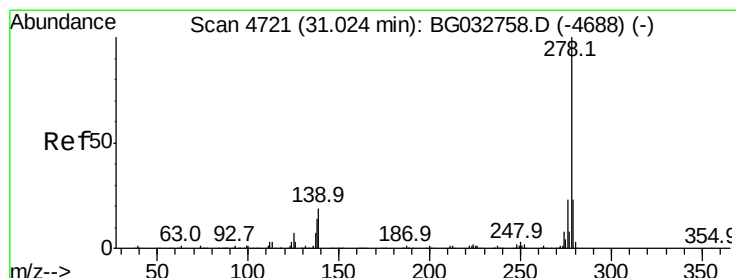
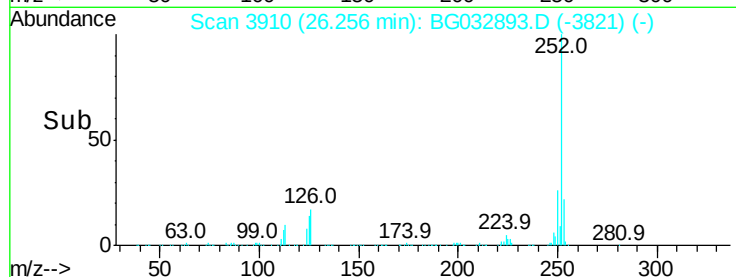
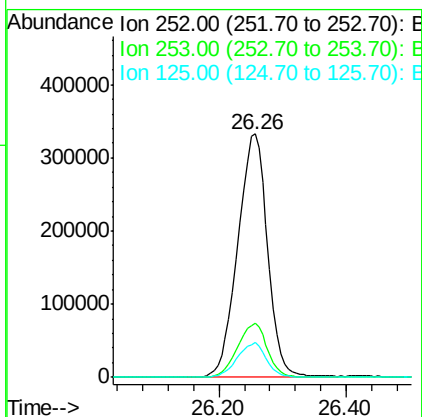
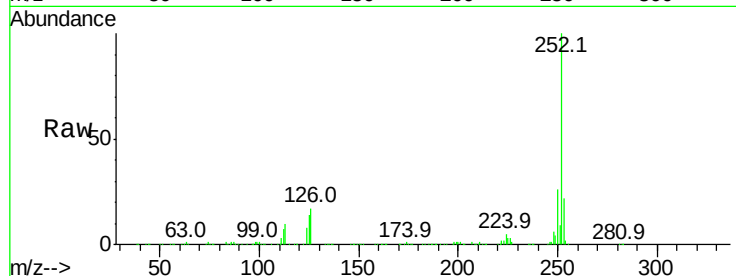




#89
Benzo(a)pyrene
Concen: 45.901 ng
RT: 26.26 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

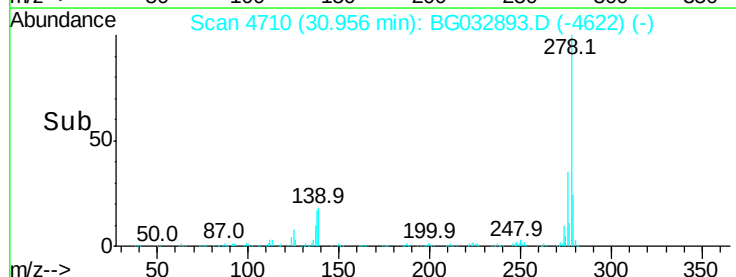
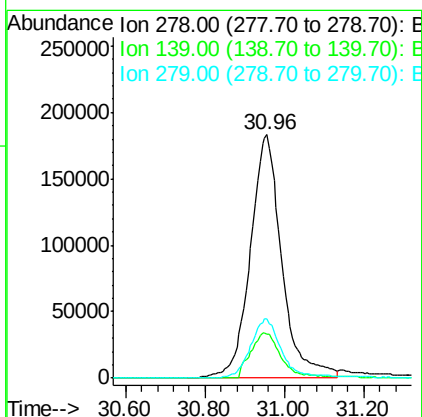
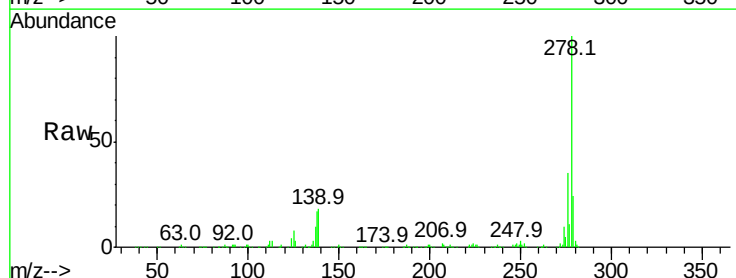
Instrument :
BNA_G
ClientSampleId :

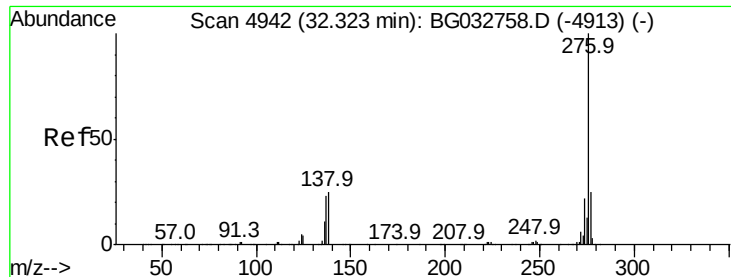
Tot Ion:252 Resp: 1089337
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 14.4 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 42.408 ng
RT: 30.96 min Scan# 4710
Delta R.T. -0.01 min
Lab File: BG032893.D
Acq: 28 Feb 2018 18:35

Tgt Ion:278 Resp: 1013058
Ion Ratio Lower Upper
278 100
139 18.3 9.8 14.6#
279 24.2 18.4 27.6

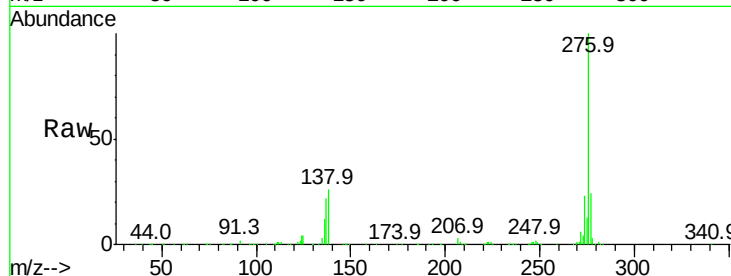




#91
 Benzo(a,h,i)perylene
 Concen: 44.520 ng
 RT: 32.26 min Scan# 4932
 Delta R.T. -0.02 min
 Lab File: BG032893.D
 Acq: 28 Feb 2018 18:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1048358
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.3 27.5
 138 25.8 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

