

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034041.D
 Acq On : 27 Apr 2018 16:21
 Operator : SJ/JU
 Sample : J2154-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 28 00:29:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.84
21) Naphthalene-d8	10.54	136	243815	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	190704	20.00	ng	-0.08
63) Phenanthrene-d10	17.15	188	521148	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	545419	20.00	ng	-0.10
86) Perylene-d12	24.39	264	549947	20.00	ng	-0.17

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	385191	0.00	ng	-0.08
7) Phenol-d6	6.95	99	502596	0.00	ng	-0.05
23) Nitrobenzene-d5	8.91	82	399360	93.22	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	376454	169.20	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1204499	92.78	ng	-0.09
78) Terphenyl-d14	19.78	244	2321213	95.61	ng	-0.08

Target Compounds

						Qvalue
22) Acetophenone	8.58	105	229707	34.616	ng	98
24) Nitrobenzene	8.95	77	166973	35.765	ng	# 95
25) Isophorone	9.46	82	390687	40.560	ng	# 93
26) 2-Nitrophenol	9.66	139	73954	40.091	ng	# 86
27) 2,4-Dimethylphenol	9.73	122	137742	39.921	ng	92
28) bis(2-Chloroethoxy)methane	9.96	93	190978	37.516	ng	# 96
29) 2,4-Dichlorophenol	10.20	162	156339	40.646	ng	91
30) 1,2,4-Trichlorobenzene	10.40	180	183809	42.667	ng	99
31) Naphthalene	10.58	128	505712	40.334	ng	98
32) Benzoic acid	9.73	122	137742	40.896	ng	# 7
34) Hexachlorobutadiene	10.87	225	116715	45.289	ng	99
35) Caprolactam	11.53	113	45469	27.805	ng	# 72
36) 4-Chloro-3-methylphenol	11.85	107	174490	37.169	ng	92
37) 2-Methylnaphthalene	12.20	142	401237	41.798	ng	91
39) 1,2,4,5-Tetrachlorobenzene	12.57	216	246795	38.973	ng	99
40) Hexachlorocyclopentadiene	12.55	237	244845	70.319	ng	89
42) 2,4,6-Trichlorophenol	12.82	196	149245	38.655	ng	94
43) 2,4,5-Trichlorophenol	12.91	196	166628	37.540	ng	97
45) 1,1'-Biophenyl	13.22	154	598104	38.744	ng	98
46) 2-Chloronaphthalene	13.26	162	450141	38.456	ng	98
47) 2-Nitroaniline	13.49	65	122315	33.467	ng	# 86
48) Acenaphthylene	14.11	152	749020	38.496	ng	99
49) Dimethylphthalate	13.86	163	671685	40.040	ng	99
50) 2,6-Dinitrotoluene	13.97	165	146943	46.222	ng	86
51) Acenaphthene	14.46	154	460885	37.707	ng	98
52) 3-Nitroaniline	14.35	138	35780	10.365	ng	# 78
53) 2,4-Dinitrophenol	14.53	184	21544	18.949	ng	95
54) Dibenzofuran	14.79	168	759377	41.906	ng	94
55) 4-Nitrophenol	14.67	139	102016	37.681	ng	# 81
56) 2,4-Dinitrotoluene	14.77	165	206872	48.935	ng	# 77
57) Fluorene	15.44	166	658042	41.964	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.03	232	202891	49.922	ng	# 88
59) Diethylphthalate	15.23	149	721821	40.708	ng	97
60) 4-Chlorophenyl-phenylether	15.44	204	363030	44.262	ng	94

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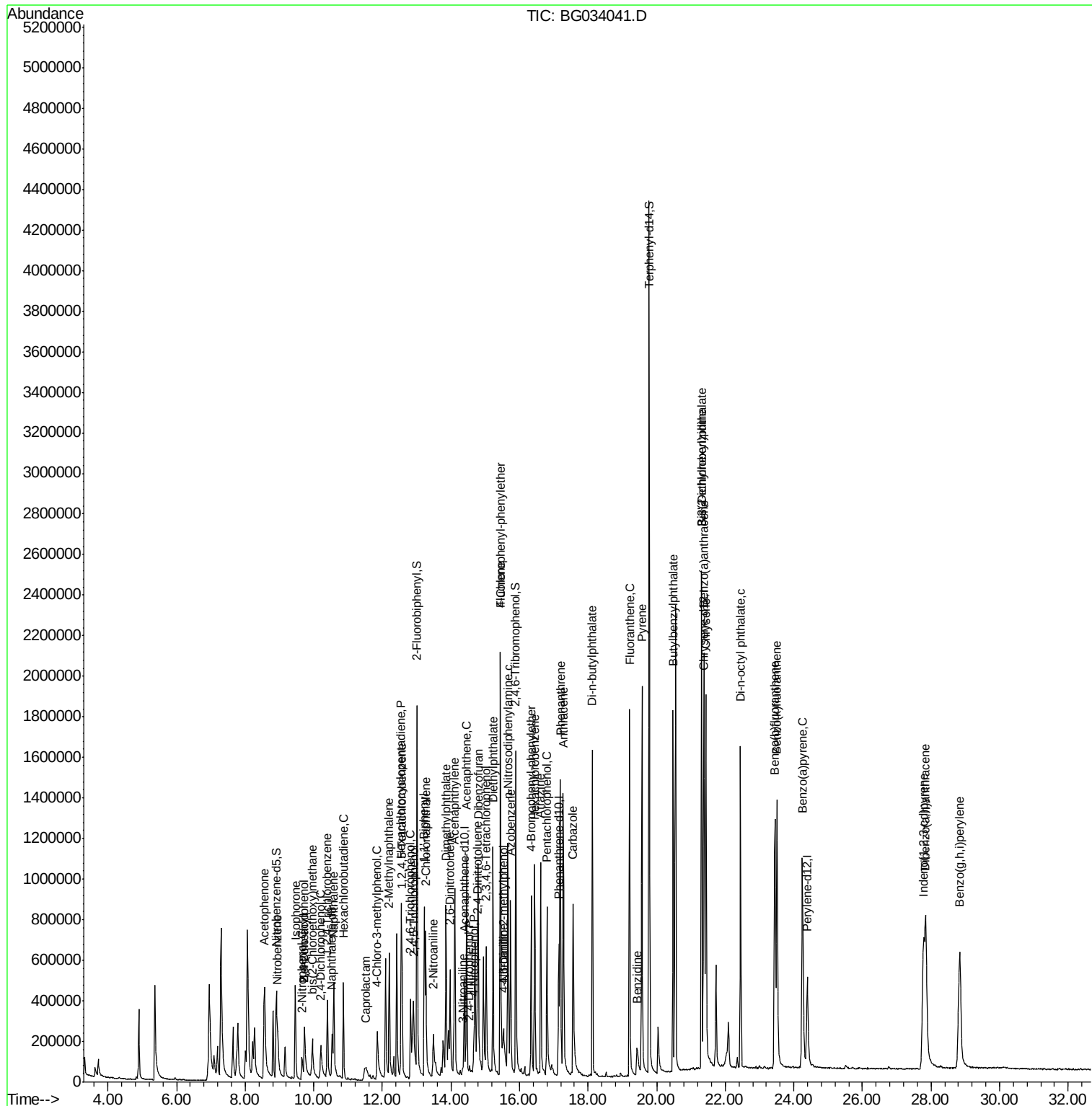
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-Nitroaniline	15.51	138	99931	27.265	nq	93
62) Azobenzene	15.74	77	566134	35.817	nq	95
64) 4,6-Dinitro-2-methylphenol	15.53	198	49848	23.668	nq	93
65) n-Nitrosodiphenylamine	15.66	169	597072	39.407	nq	99
66) 4-Bromophenyl-phenylether	16.34	248	233998	40.885	nq	96
67) Hexachlorobenzene	16.44	284	255644	41.884	nq	# 72
68) Atrazine	16.62	200	257812	43.434	nq	100
69) Pentachlorophenol	16.80	266	239191	57.052	nq	# 25
70) Phenanthrene	17.19	178	1104283	39.498	nq	98
71) Anthracene	17.28	178	1201470	42.973	nq	98
72) Carbazole	17.56	167	1052400	39.017	nq	99
73) Di-n-butylphthalate	18.12	149	1278617	38.105	nq	99
74) Fluoranthene	19.20	202	1405765	41.568	nq	97
76) Benzidine	19.42	184	248250	16.855	nq	98
77) Pyrene	19.57	202	1406844	39.326	nq	95
79) Butylbenzylphthalate	20.48	149	591502	37.651	nq	91
80) Benzo(a)anthracene	21.37	228	1350367	39.263	nq	98
81) 3,3'-Dichlorobenzidine	21.31	252	216202	16.859	nq	99
82) Chrysene	21.44	228	1366790	41.616	nq	97
83) Bis(2-ethylhexyl)phthalate	21.31	149	822171	37.057	nq	98
84) Di-n-octyl phthalate	22.45	149	1410029	40.040	nq	95
85) Indeno(1,2,3-cd)pyrene	27.78	276	1558401	41.685	nq	# 91
87) Benzo(b)fluoranthene	23.45	252	1321761	39.397	nq	99
88) Benzo(k)fluoranthene	23.50	252	1454936	43.658	nq	97
89) Benzo(a)pyrene	24.25	252	1355528	42.188	nq	100
90) Dibenzo(a,h)anthracene	27.84	278	1263670	40.645	nq	97
91) Benzo(q,h,i)perylene	28.83	276	1291793	42.225	nq	98

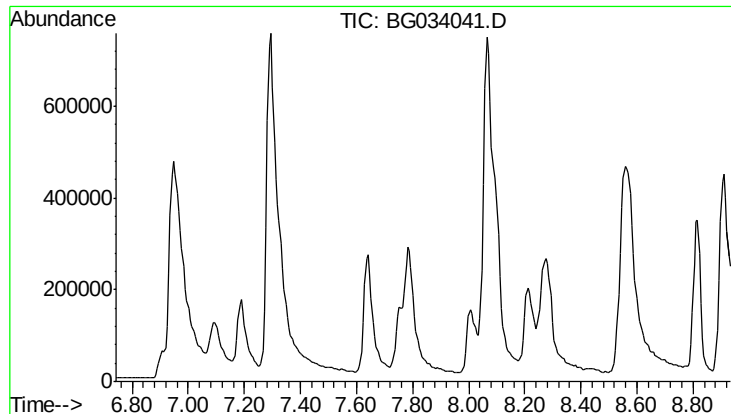
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 7.84 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

Instrument :

BNA_G

ClientSampleId :

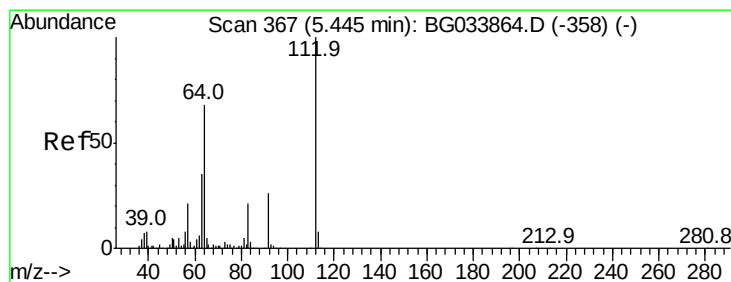
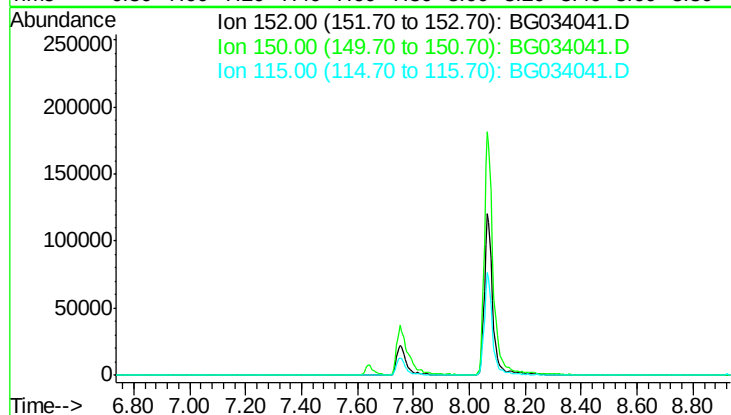
Tot Ion: 152

Sig Exp Ratio

152 100

150 158.2

115 66.2



#5

2-Fluorophenol

Concen: 0.000 ng

RT: 5.37 min Scan# 354

Delta R.T. -0.08 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

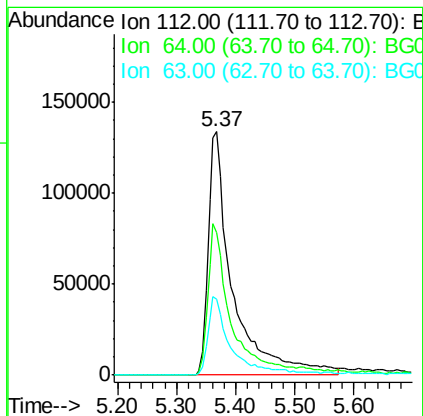
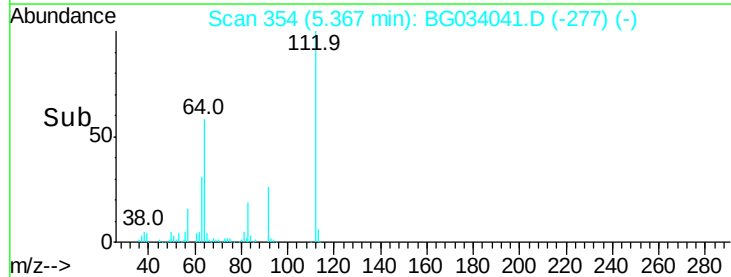
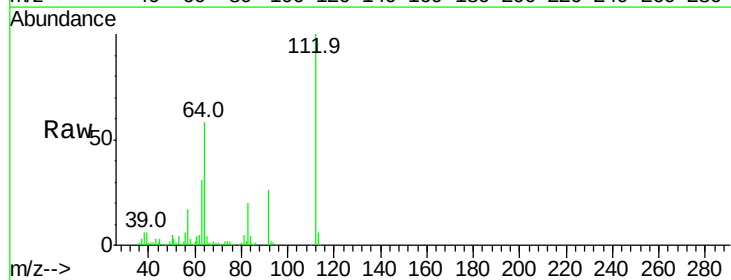
Tgt Ion:112 Resp: 385191

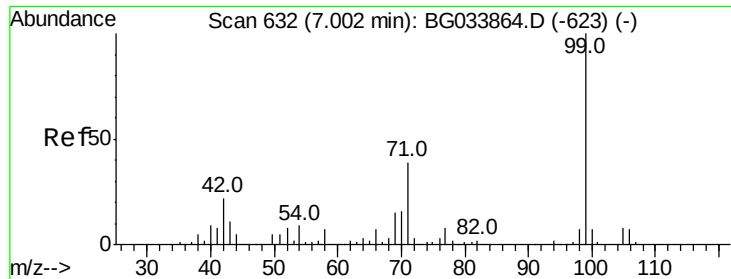
Ion Ratio Lower Upper

112 100

64 58.3 56.3 84.5

63 31.2 30.1 45.1





#7

Phenol-d6

Concen: 0.000 ng

RT: 6.95 min Scan# 623

Delta R.T. -0.05 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

Instrument :

BNA_G

ClientSampleId :

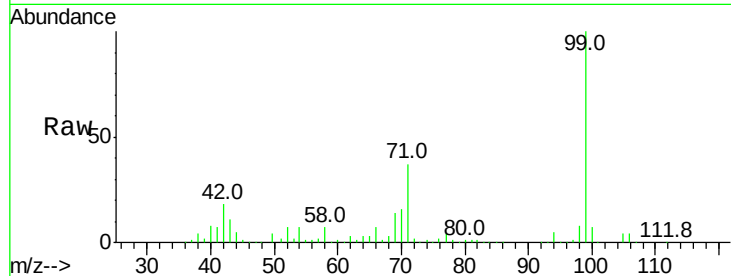
Tot Ion: 99 Resp: 502596

Ion Ratio Lower Upper

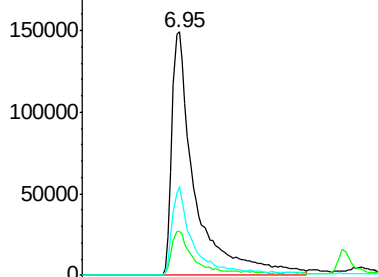
99 100

42 18.3 14.1 21.1

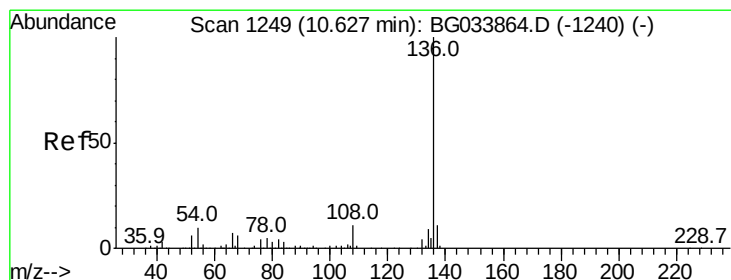
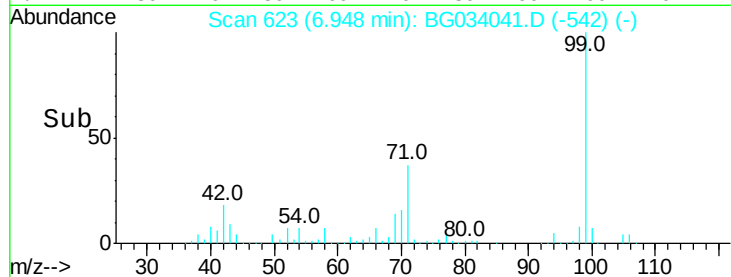
71 36.5 26.1 39.1



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.54 min Scan# 1234

Delta R.T. -0.09 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

Tgt Ion: 136 Resp: 243815

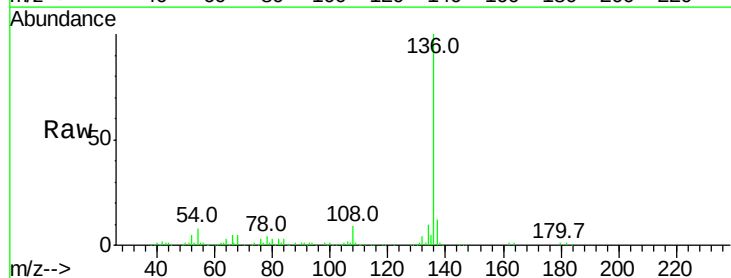
Ion Ratio Lower Upper

136 100

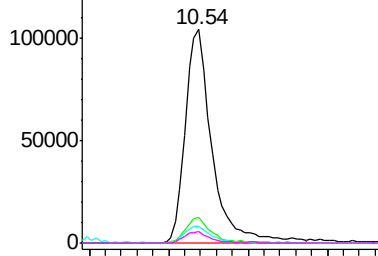
137 12.2 9.2 13.8

54 7.7 10.3 15.5#

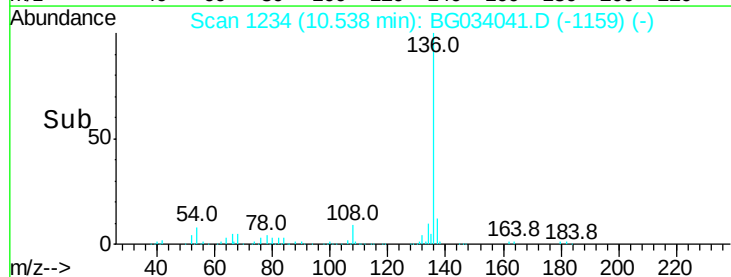
68 5.2 4.5 6.7

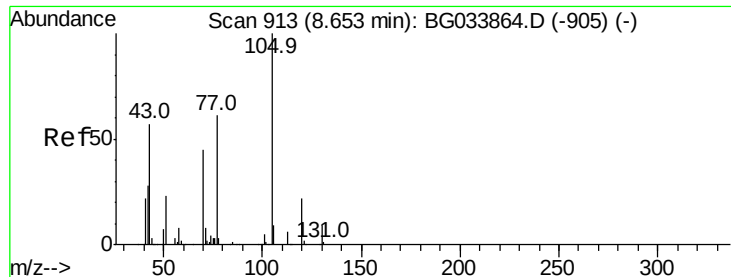


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

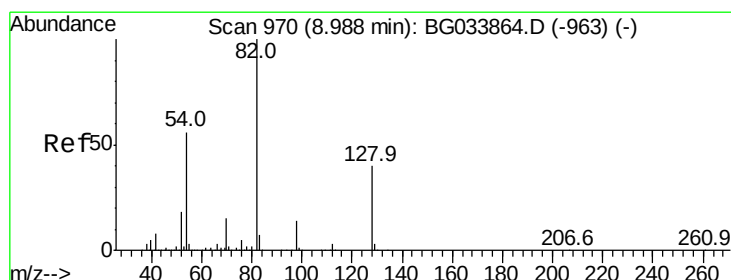
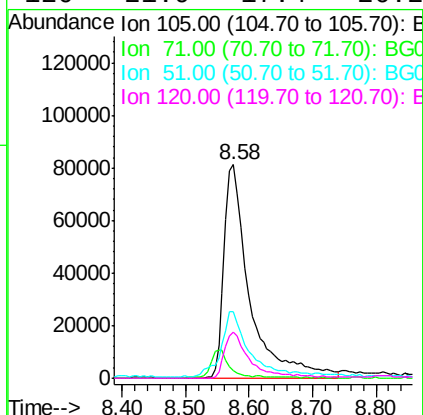
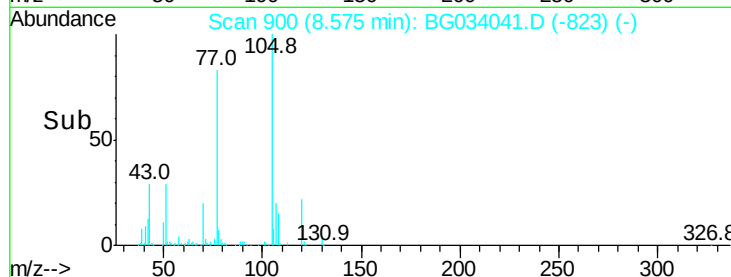
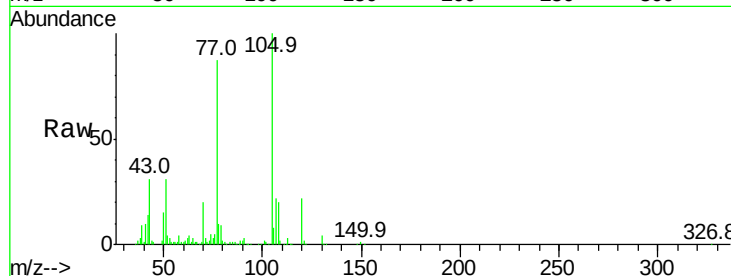




#22
Acetophenone
Concen: 34.616 ng
RT: 8.58 min Scan# 900
Delta R.T. -0.08 min
Lab File: BG034041.D
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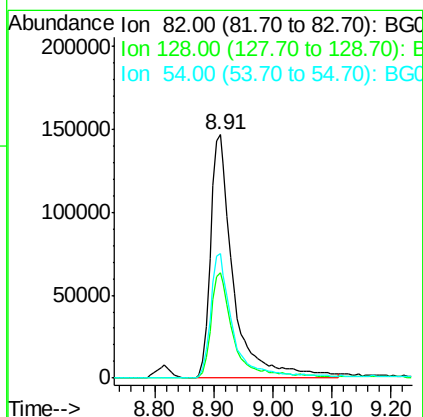
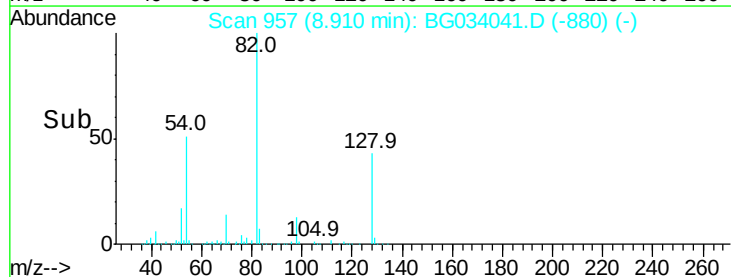
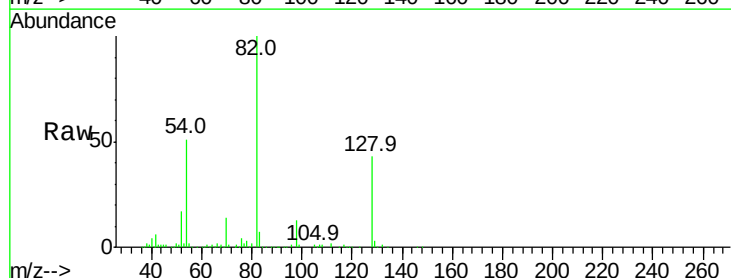
Instrument :
BNA_G
ClientSampleId :

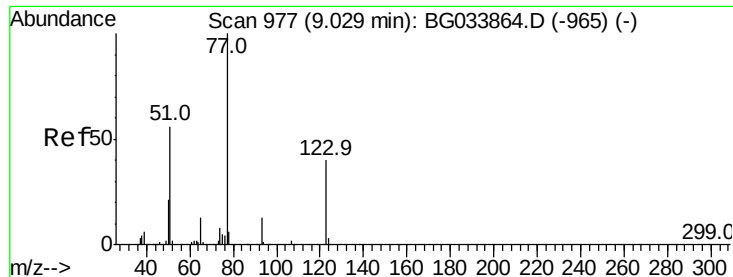
Tot Ion:105 Resp: 229707
Ion Ratio Lower Upper
105 100
71 3.5 3.0 4.4
51 30.9 26.1 39.1
120 21.9 17.4 26.2



#23
Nitrobenzene-d5
Concen: 93.216 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.08 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

Tgt Ion: 82 Resp: 399360
Ion Ratio Lower Upper
82 100
128 43.3 29.7 44.5
54 51.2 43.1 64.7





#24

Nitrobenzene

Concen: 35.765 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.08 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

Instrument :

BNA_G

ClientSampled :

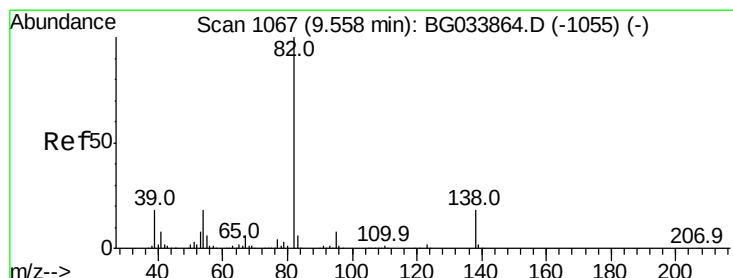
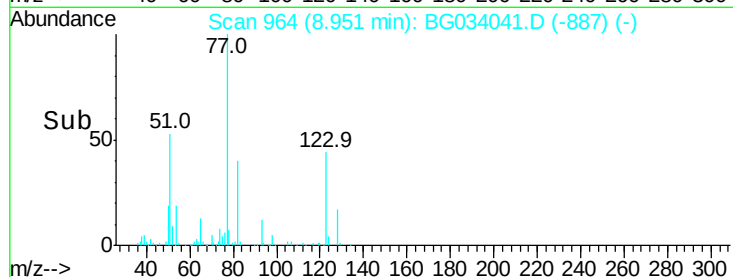
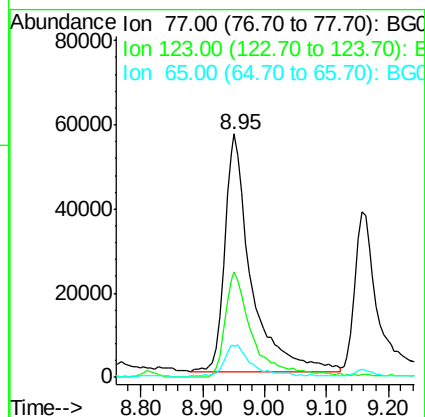
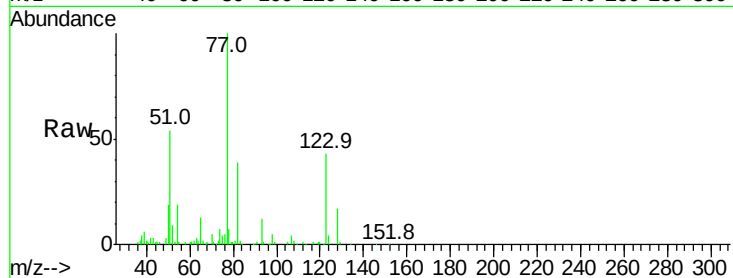
Tot Ion: 77 Resp: 166973

Ion Ratio Lower Upper

77 100

123 43.3 33.0 49.6

65 12.6 13.0 19.6#



#25

Isophorone

Concen: 40.560 ng

RT: 9.46 min Scan# 1051

Delta R.T. -0.10 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

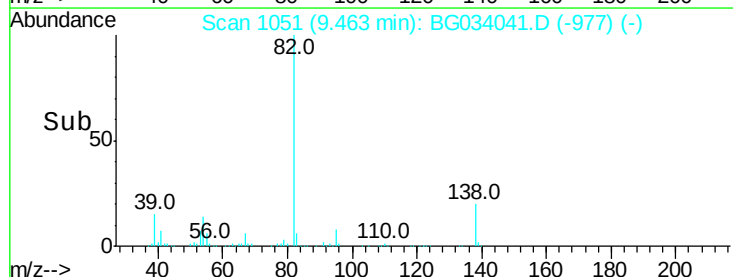
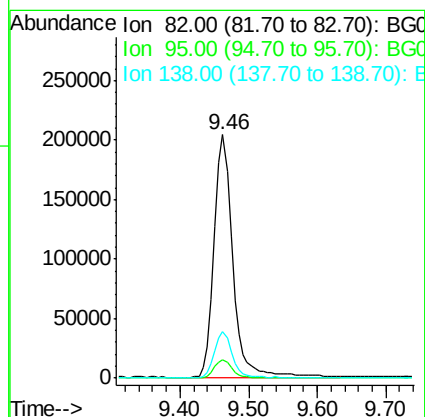
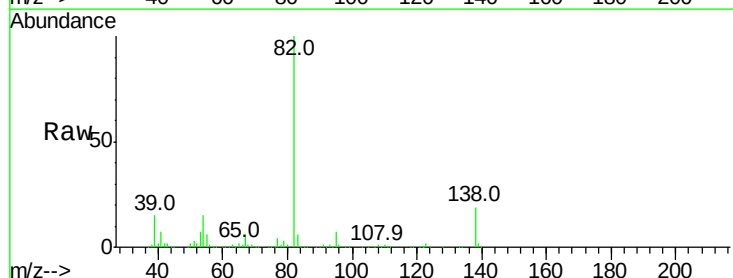
Tgt Ion: 82 Resp: 390687

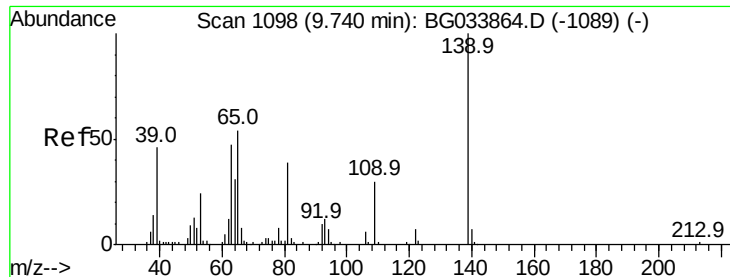
Ion Ratio Lower Upper

82 100

95 7.4 6.2 9.2

138 19.1 12.1 18.1#

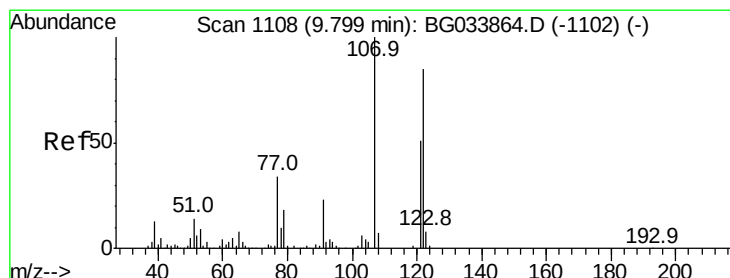
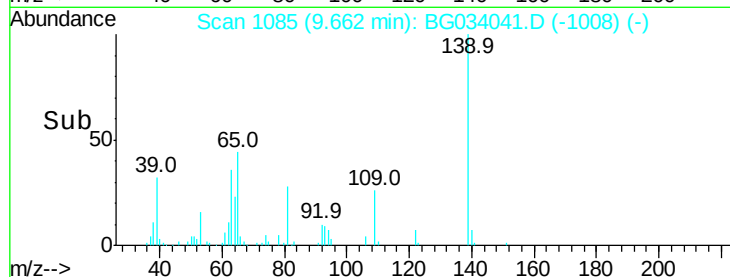
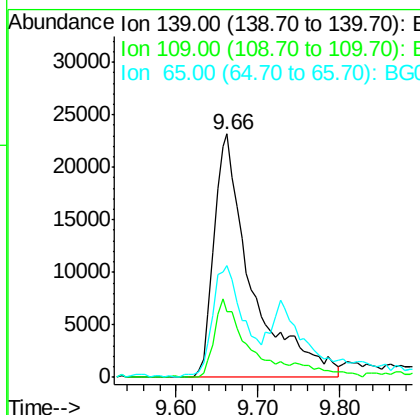
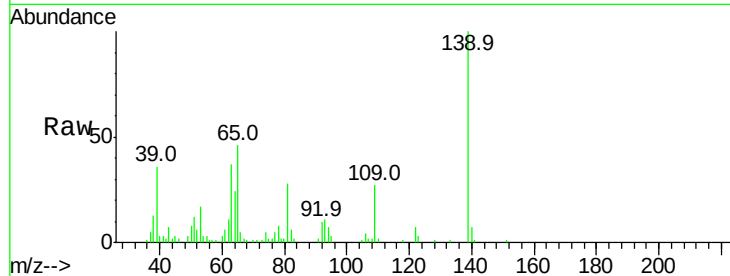




#26
2-Nitrophenol
Concen: 40.091 ng
RT: 9.66 min Scan# 1085
Delta R.T. -0.08 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

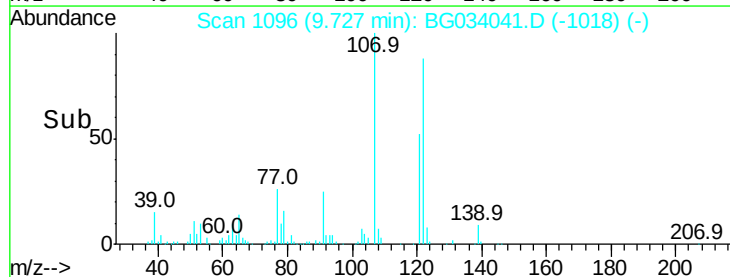
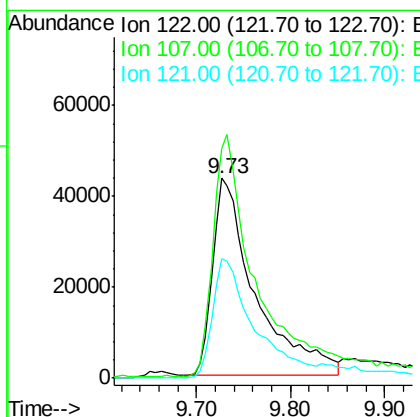
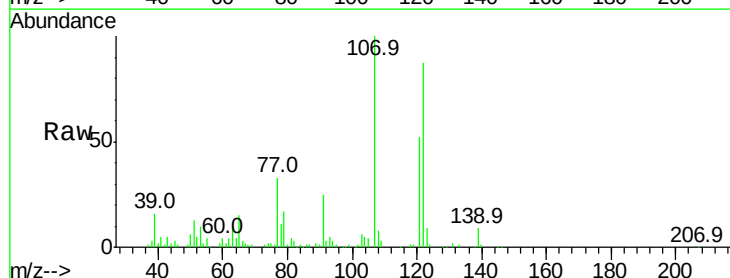
Instrument :
BNA_G
ClientSampleId :

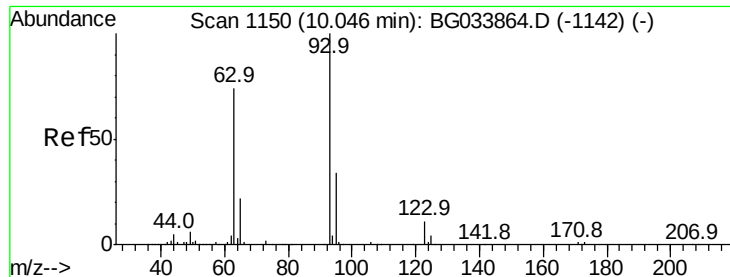
Tot Ion	Ratio	Lower	Upper
139	100		
109	26.8	24.2	36.2
65	46.1	47.4	71.0#



#27
2,4-Dimethylphenol
Concen: 39.921 ng
RT: 9.73 min Scan# 1096
Delta R.T. -0.07 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.9	100.2	150.2
121	59.5	44.4	66.6

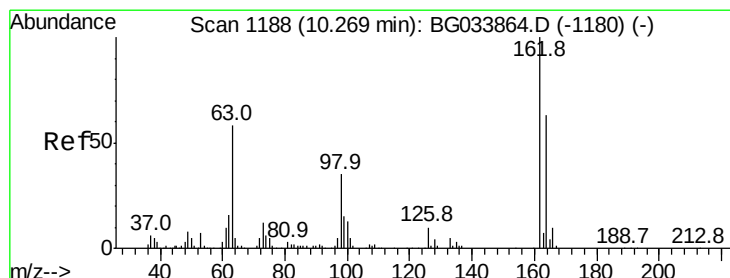
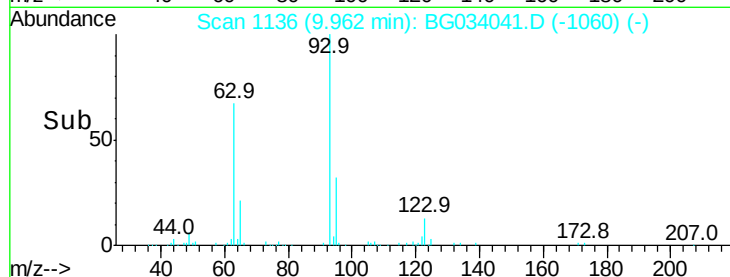
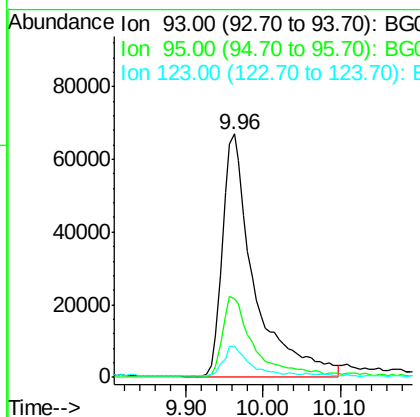
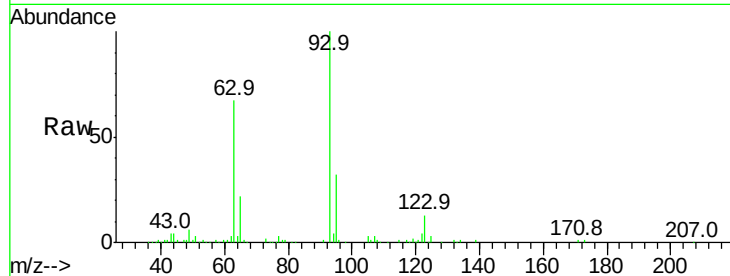




#28
 bis(2-Chloroethoxy)methane
 Concen: 37.516 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.08 min
 Lab File: BG034041.D
 Acq: 27 Apr 2018 16:21

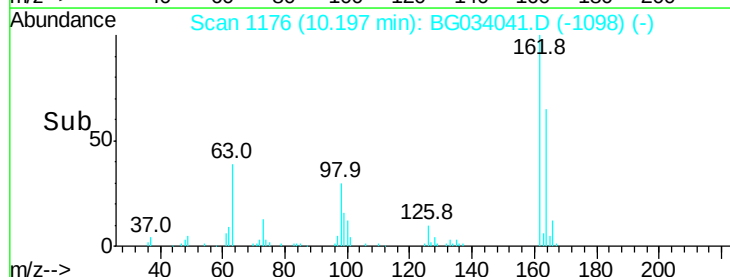
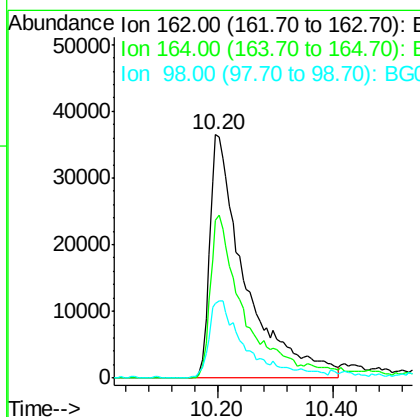
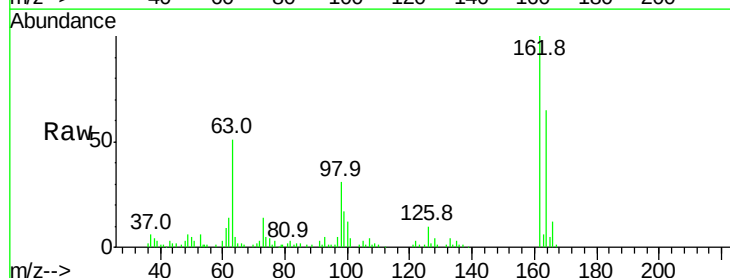
Instrument :
 BNA_G
 ClientSampleId :

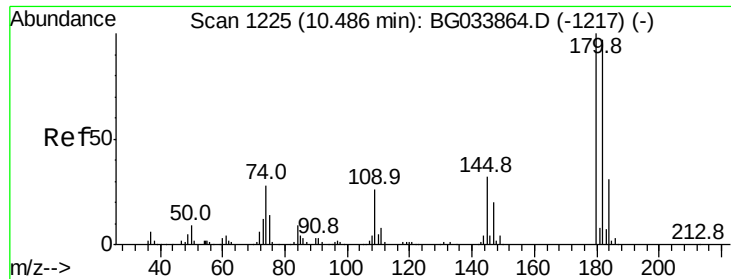
Tot Ion: 93 Resp: 190978
 Ion Ratio Lower Upper
 93 100
 95 32.4 24.3 36.5
 123 13.0 8.4 12.6#



#29
 2,4-Dichlorophenol
 Concen: 40.646 ng
 RT: 10.20 min Scan# 1176
 Delta R.T. -0.07 min
 Lab File: BG034041.D
 Acq: 27 Apr 2018 16:21

Tgt Ion:162 Resp: 156339
 Ion Ratio Lower Upper
 162 100
 164 64.7 48.0 88.0
 98 30.7 21.1 61.1

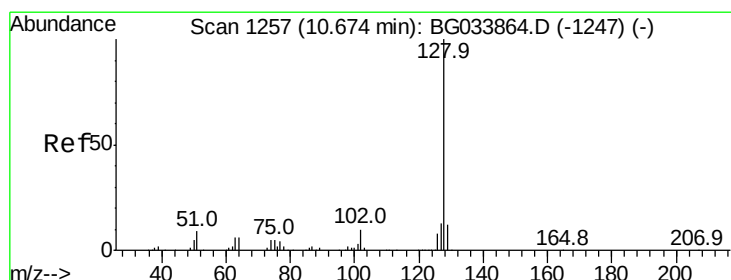
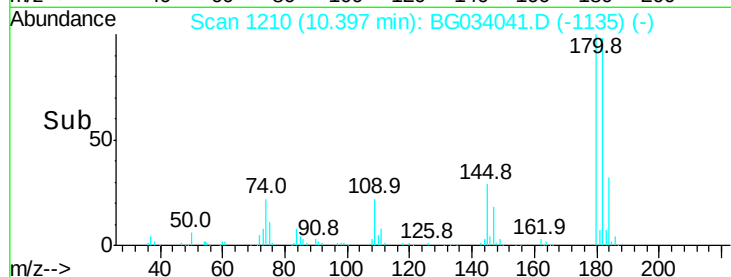
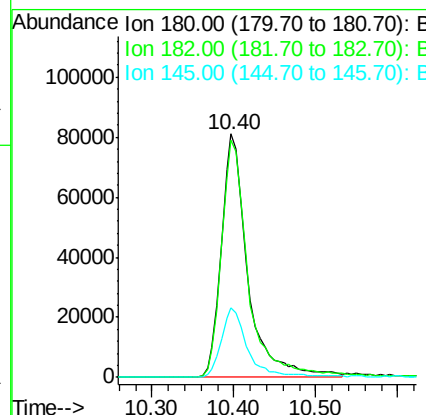
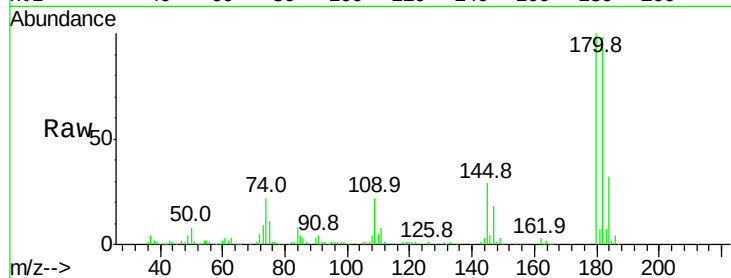




#30
 1,2,4-Trichlorobenzene
 Concen: 42.667 ng
 RT: 10.40 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: BG034041.D
 Acq: 27 Apr 2018 16:21

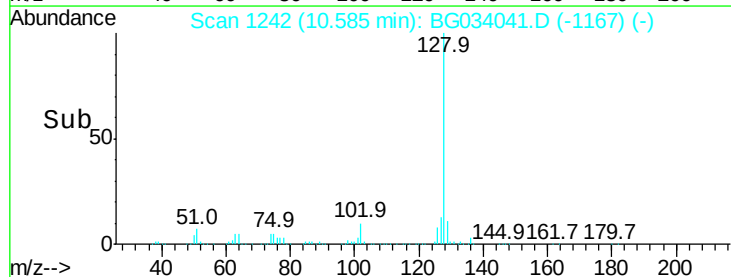
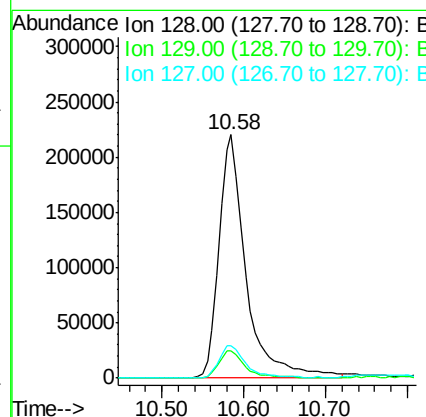
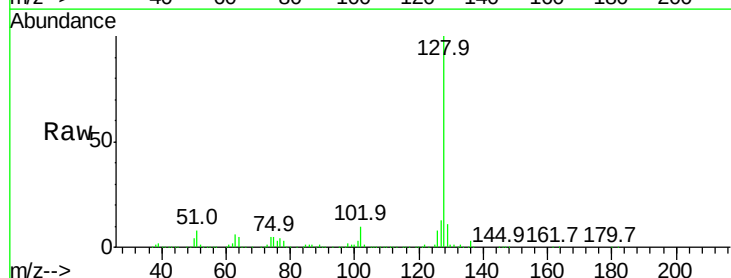
Instrument :
 BNA_G
 ClientSampleId :

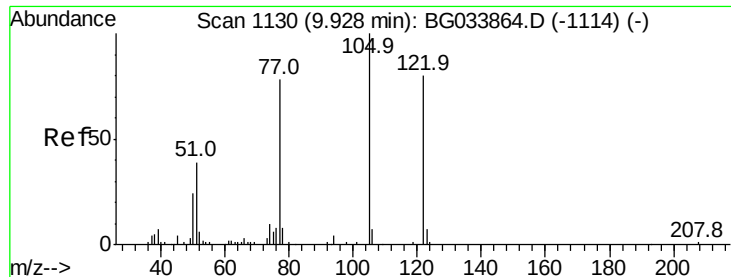
Tot Ion:180 Resp: 183809
 Ion Ratio Lower Upper
 180 100
 182 97.5 77.5 116.3
 145 28.7 23.4 35.2



#31
 Naphthalene
 Concen: 40.334 ng
 RT: 10.58 min Scan# 1242
 Delta R.T. -0.09 min
 Lab File: BG034041.D
 Acq: 27 Apr 2018 16:21

Tgt Ion:128 Resp: 505712
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.6 12.8
 127 13.4 11.6 17.4

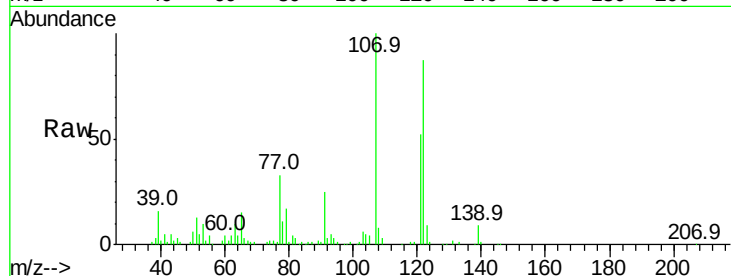




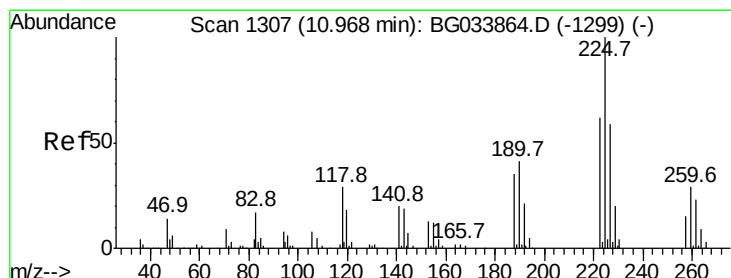
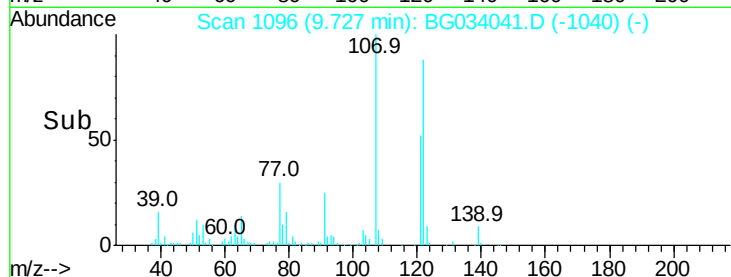
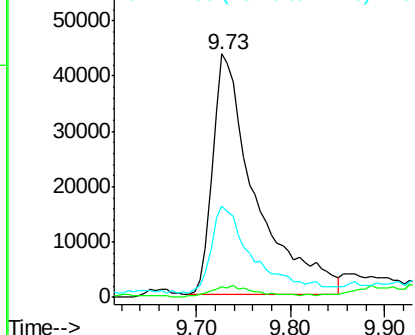
#32
Benzoic acid
Concen: 40.896 ng
RT: 9.73 min Scan# 1096
Delta R.T. -0.20 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 137742
Ion Ratio Lower Upper
122 100
105 4.4 123.5 163.5#
77 37.7 85.7 125.7#

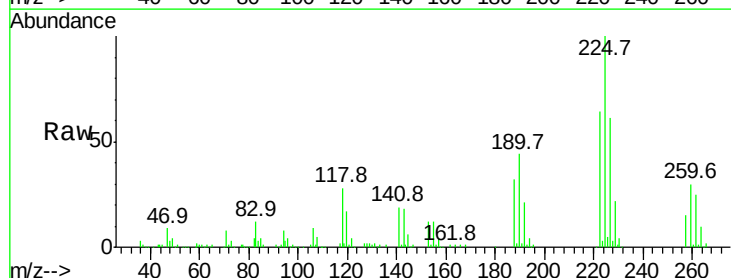


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

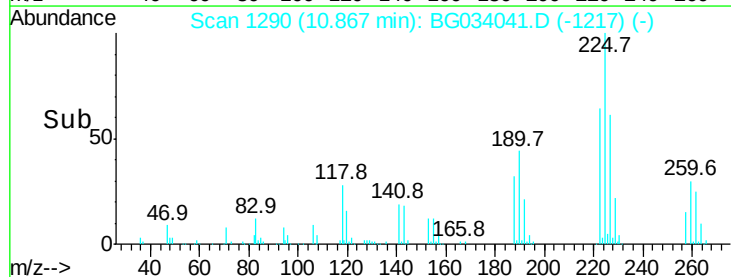
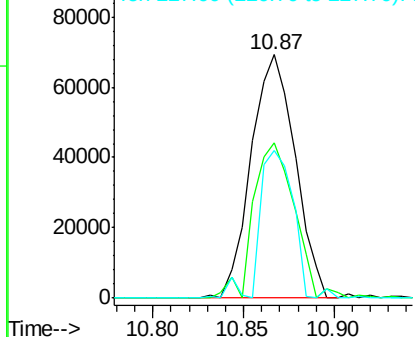


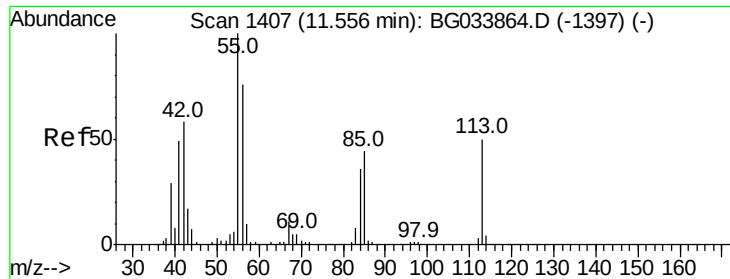
#34
Hexachlorobutadiene
Concen: 45.289 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.10 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

Tgt Ion:225 Resp: 116715
Ion Ratio Lower Upper
225 100
223 63.6 49.7 74.5
227 60.2 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: 27.805 ng

RT: 11.53 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

Instrument :

BNA_G

ClientSampleId :

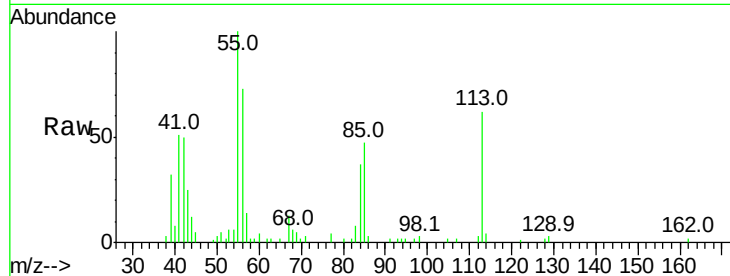
Tot Ion:113 Resp: 45469

Ion Ratio Lower Upper

113 100

55 161.9 186.9 226.9#

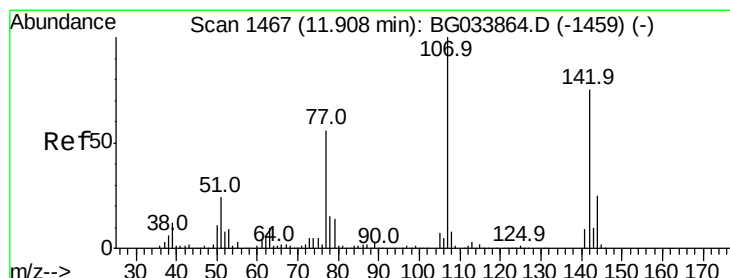
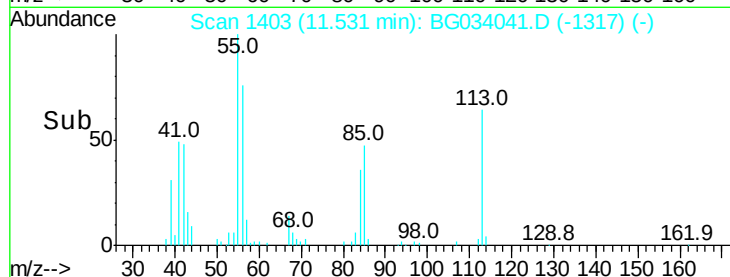
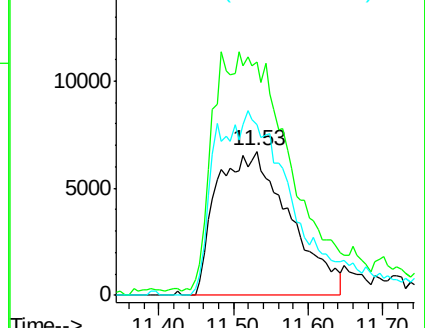
56 118.4 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 37.169 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.05 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

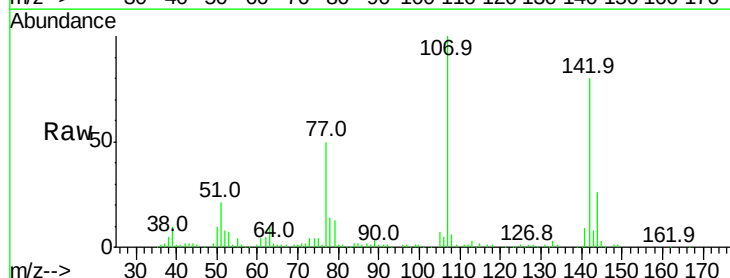
Tgt Ion:107 Resp: 174490

Ion Ratio Lower Upper

107 100

144 26.2 18.2 27.4

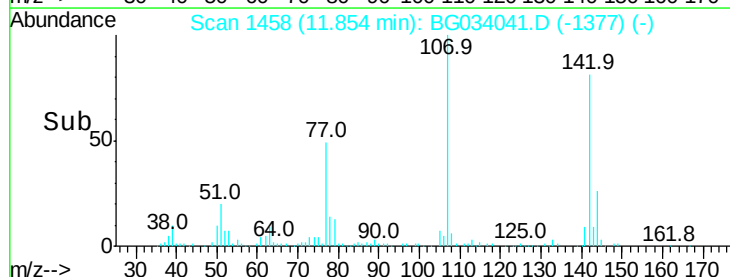
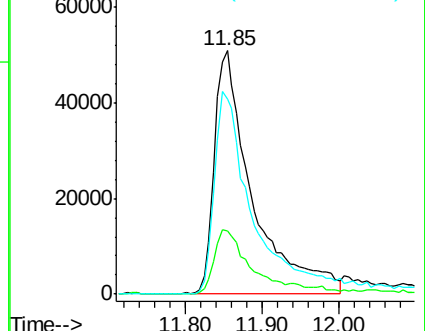
142 80.3 59.0 88.4

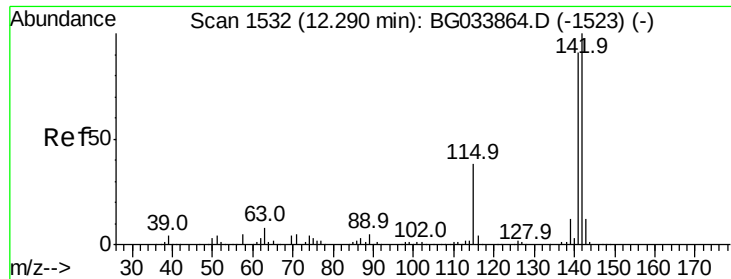


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

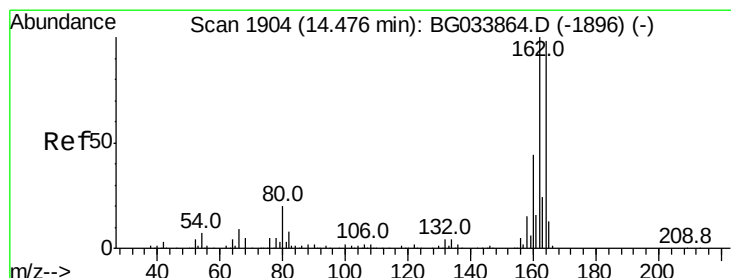
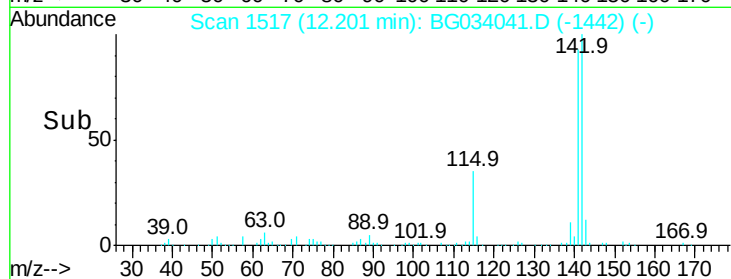
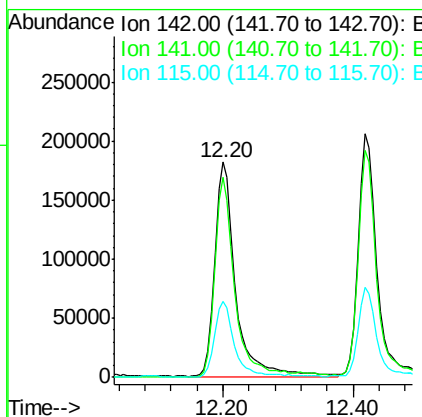
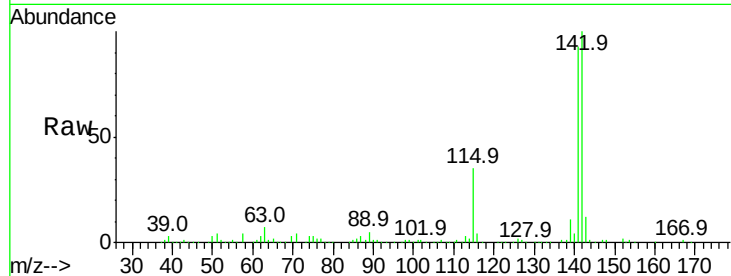




#37
2-Methylnaphthalene
Concen: 41.798 ng
RT: 12.20 min Scan# 1517
Delta R.T. -0.09 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

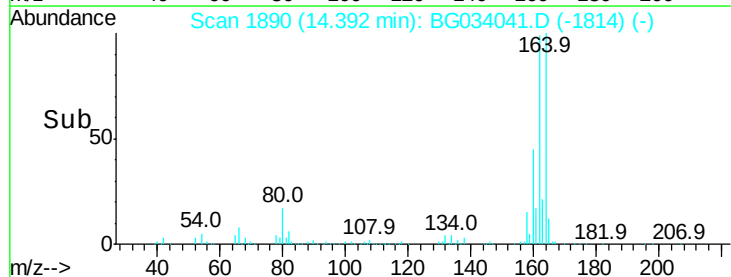
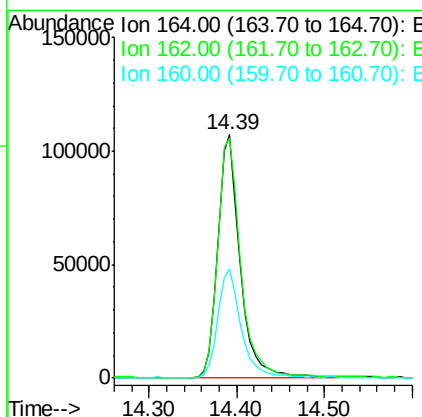
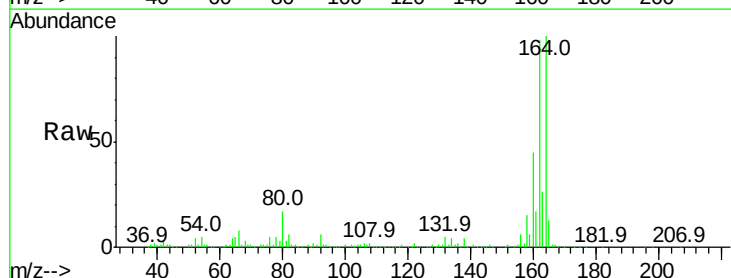
Instrument :
BNA_G
ClientSampled :

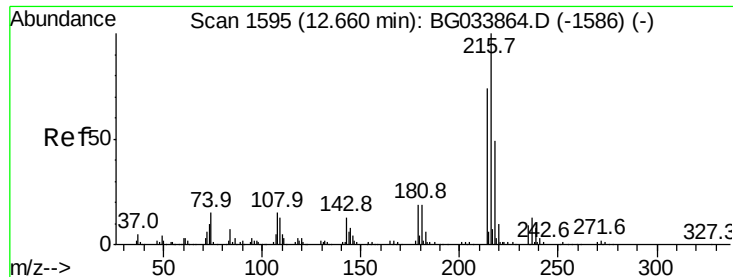
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	67.1	100.7
115	35.1	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.08 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.8	118.2
160	44.6	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.973 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.09 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 246795

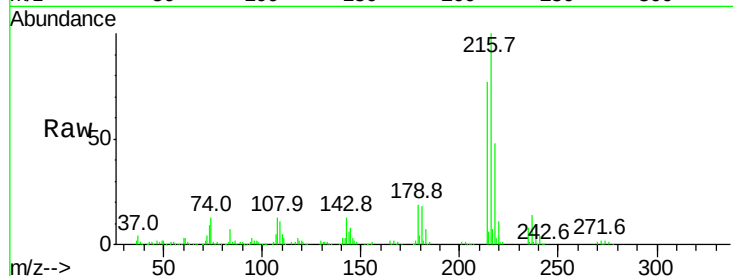
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	18.7	17.0	25.6
108	16.1	12.8	19.2

216 100

214 78.5 63.0 94.4

179 18.7 17.0 25.6

108 16.1 12.8 19.2

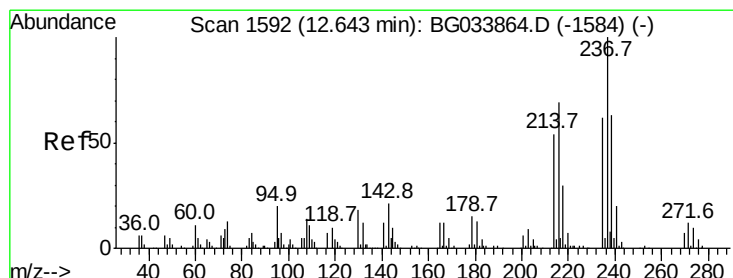
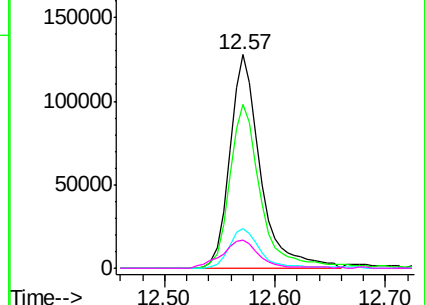
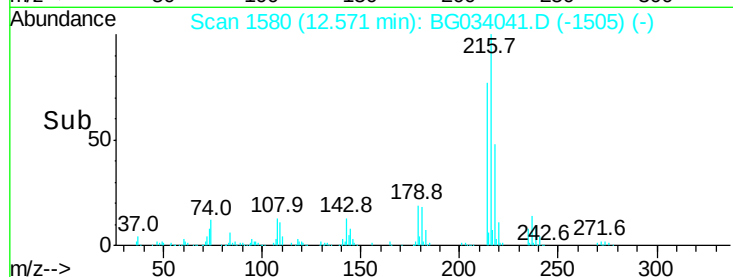


Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.319 ng

RT: 12.55 min Scan# 1576

Delta R.T. -0.10 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

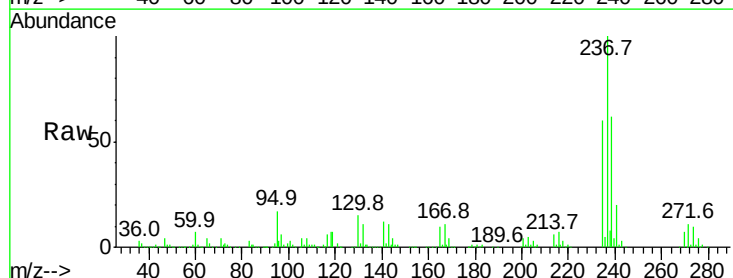
Tgt Ion:237 Resp: 244845

Ion	Ratio	Lower	Upper
237	100		
235	60.0	50.4	90.4
272	11.4	0.0	31.8

237 100

235 60.0 50.4 90.4

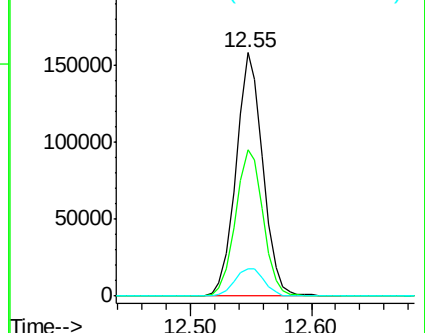
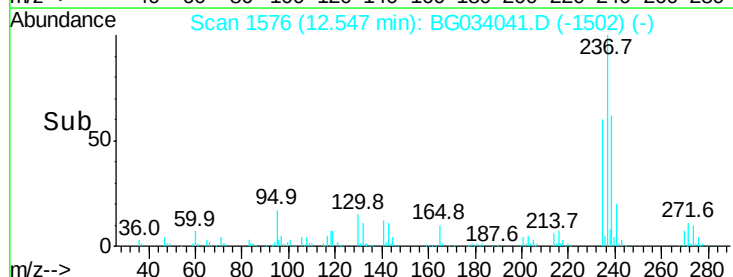
272 11.4 0.0 31.8

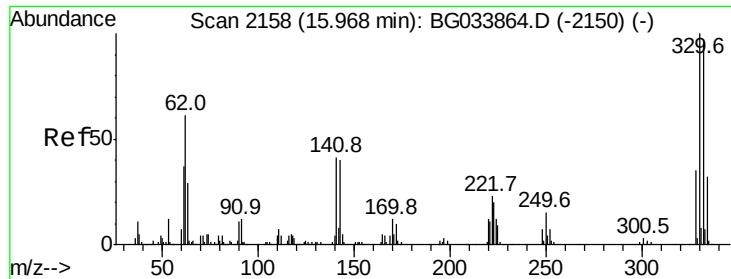


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

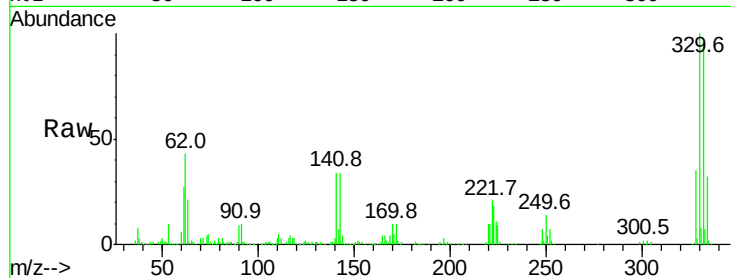




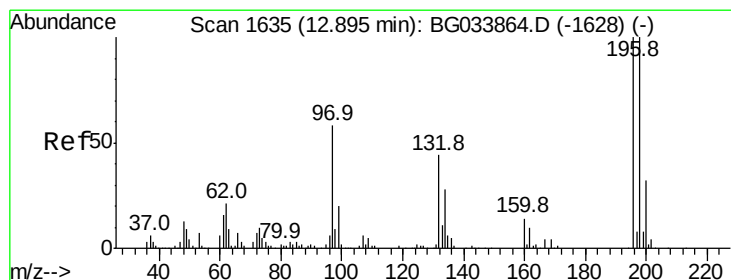
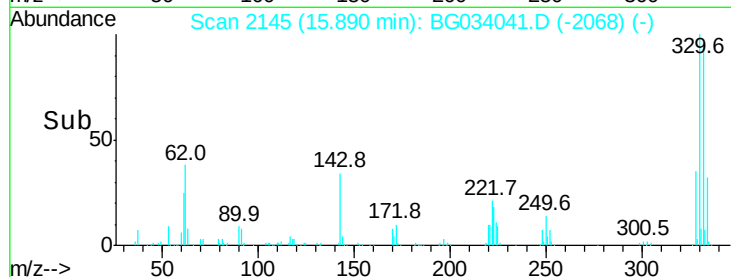
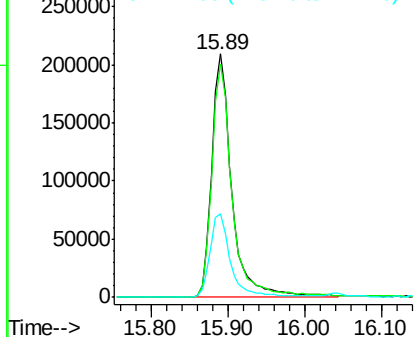
#41
 2,4,6-Tribromophenol
 Concen: 169.203 ng
 RT: 15.89 min Scan# 2145
 Delta R.T. -0.08 min
 Lab File: BG034041.D
 Acq: 27 Apr 2018 16:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 376454
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 35.1 25.2 37.8

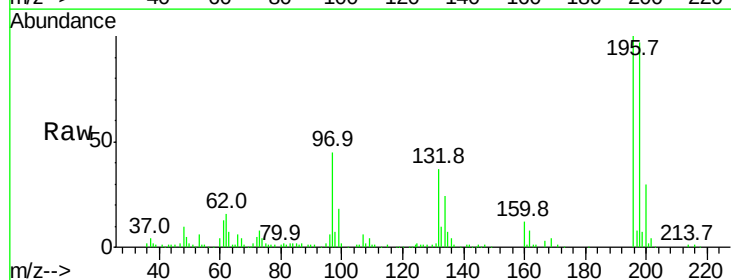


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

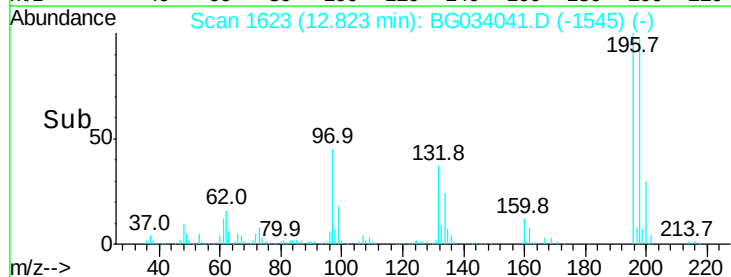
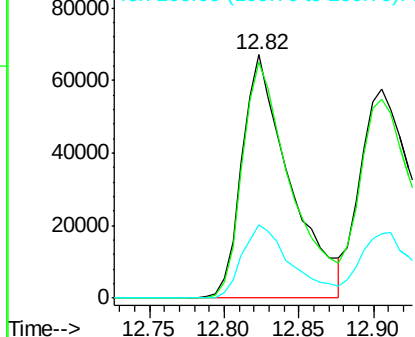


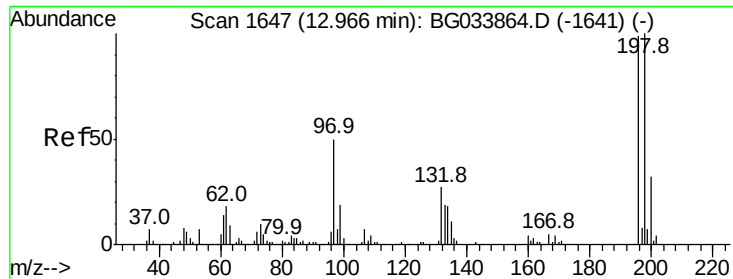
#42
 2,4,6-Trichlorophenol
 Concen: 38.655 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. -0.07 min
 Lab File: BG034041.D
 Acq: 27 Apr 2018 16:21

Tgt Ion:196 Resp: 149245
 Ion Ratio Lower Upper
 196 100
 198 104.3 78.2 117.2
 200 32.1 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

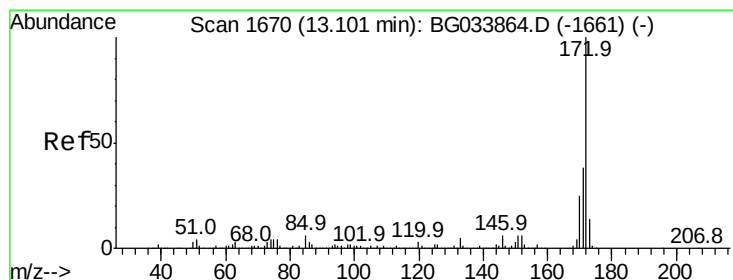
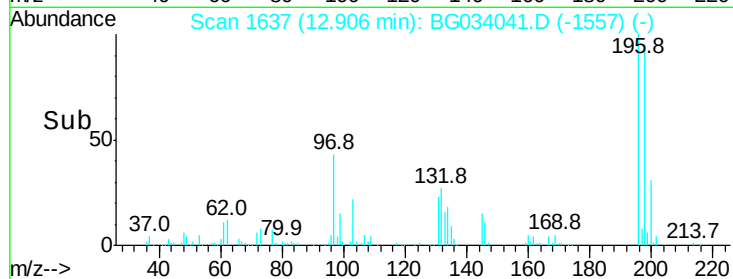
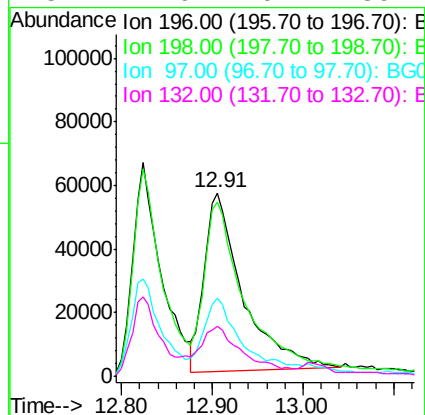
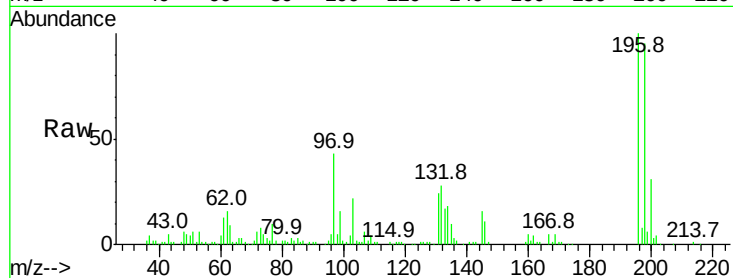




#43
 2,4,5-Trichlorophenol
 Concen: 37.540 ng
 RT: 12.91 min Scan# 1637
 Delta R.T. -0.06 min
 Lab File: BG034041.D
 Acq: 27 Apr 2018 16:21

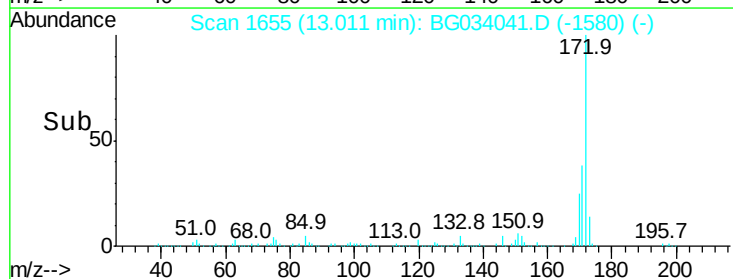
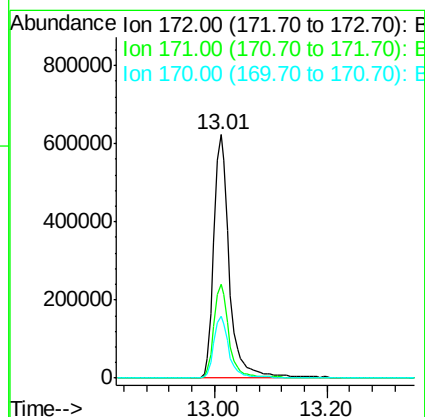
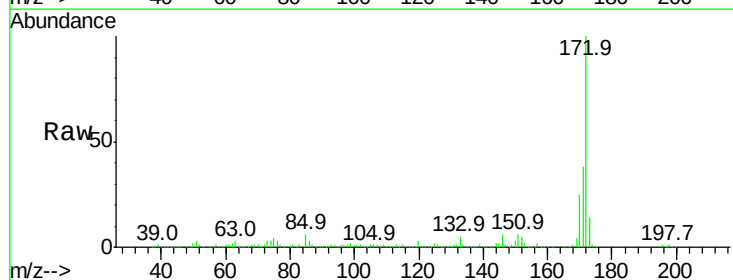
Instrument :
 BNA_G
 ClientSampleId :

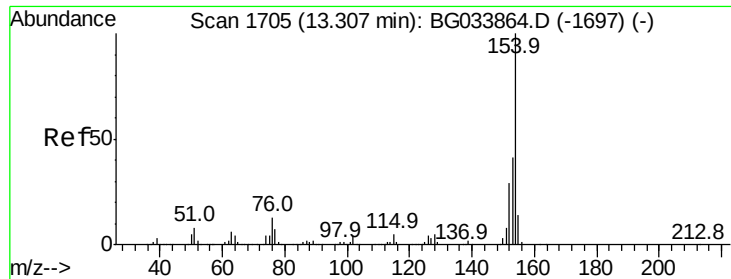
Tot Ion:	196	Resp:	166628
Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.2	114.4
97	42.9	38.7	58.1
132	27.6	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 92.785 ng
 RT: 13.01 min Scan# 1655
 Delta R.T. -0.09 min
 Lab File: BG034041.D
 Acq: 27 Apr 2018 16:21

Tgt Ion:	172	Resp:	1204499
Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	25.2	19.5	29.3

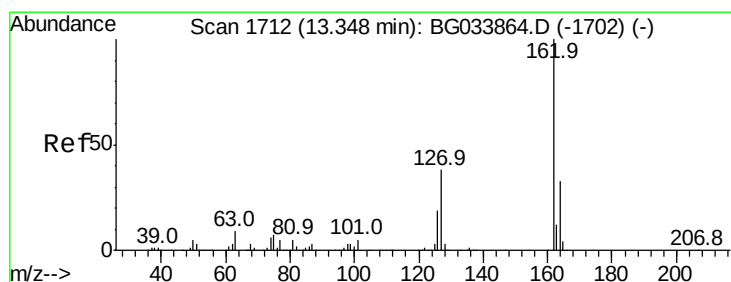
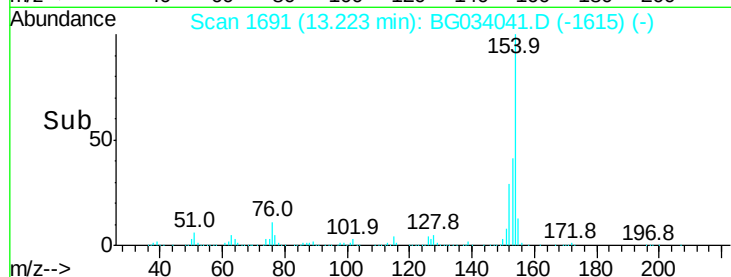
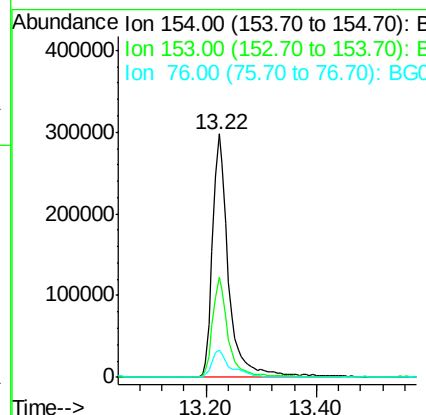
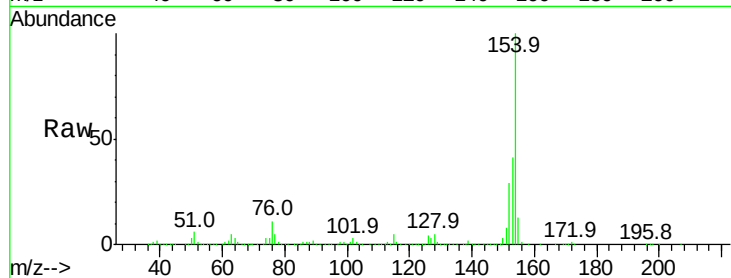




#45
 1,1'-Biphenyl
 Concen: 38.744 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.08 min
 Lab File: BG034041.D
 Acq: 27 Apr 2018 16:21

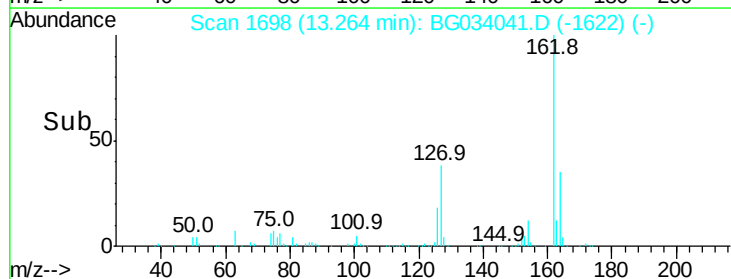
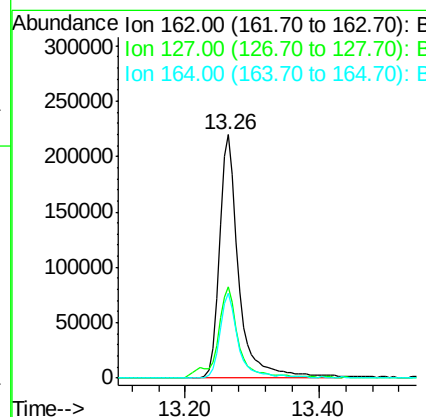
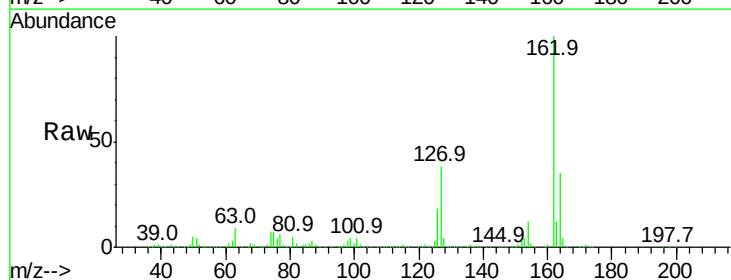
Instrument :
 BNA_G
 ClientSampleId :

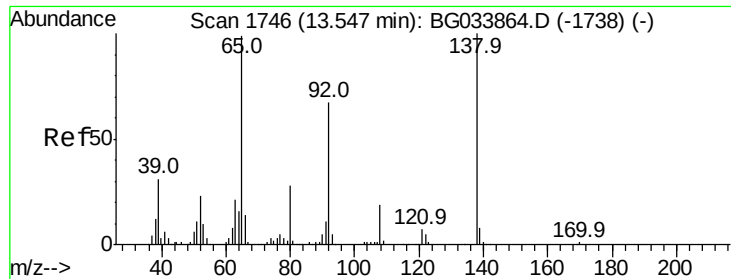
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	19.8	59.8
76	11.2	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 38.456 ng
 RT: 13.26 min Scan# 1698
 Delta R.T. -0.08 min
 Lab File: BG034041.D
 Acq: 27 Apr 2018 16:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.7	46.1
164	34.8	26.0	39.0

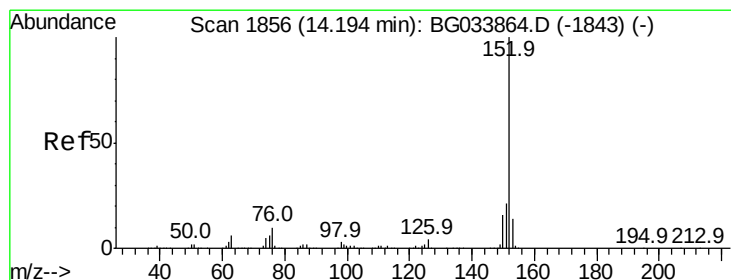
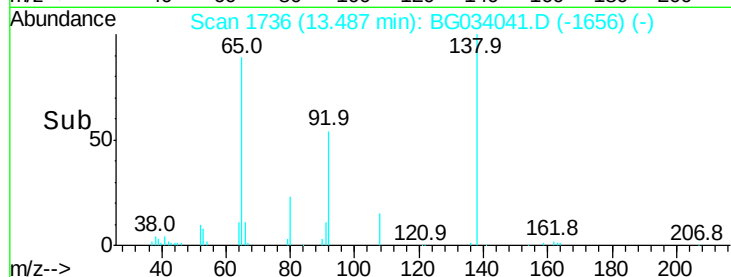
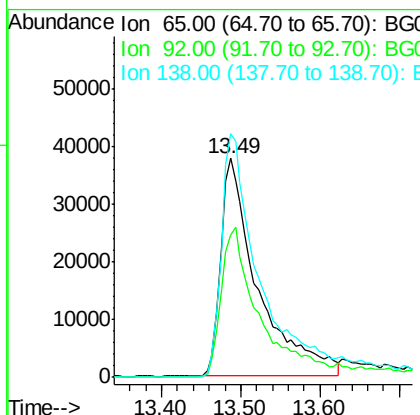
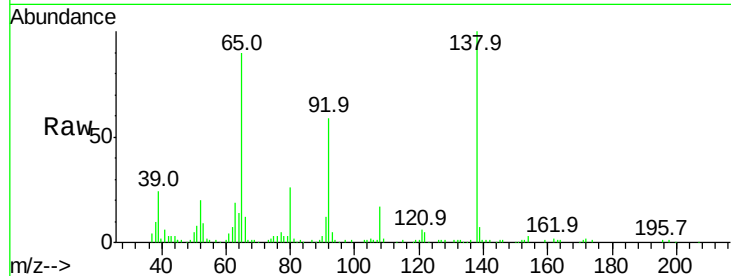




#47
2-Nitroaniline
Concen: 33.467 ng
RT: 13.49 min Scan# 1736
Delta R.T. -0.06 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

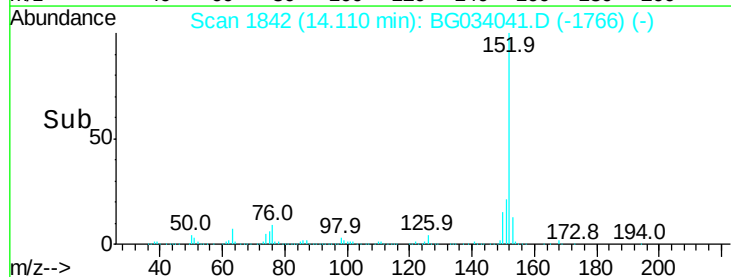
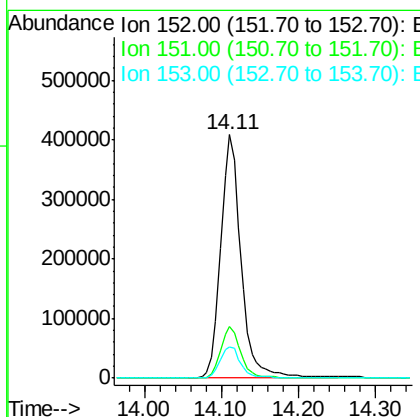
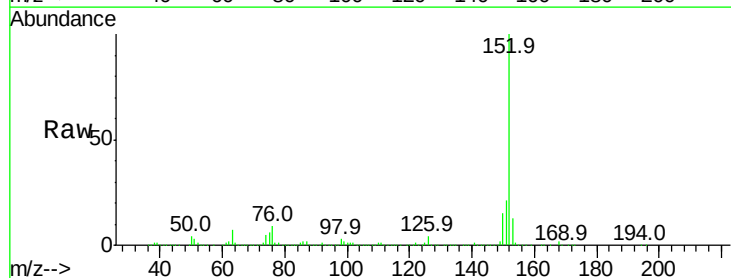
Instrument :
BNA_G
ClientSampled :

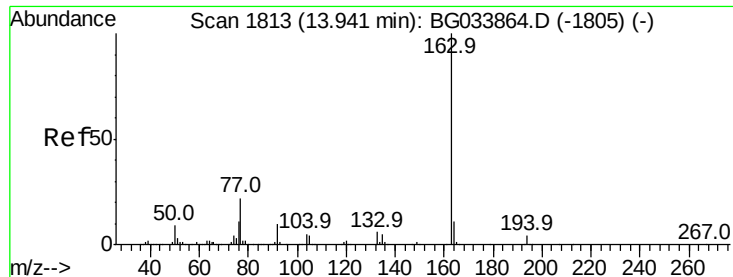
Tot Ion: 65 Resp: 122315
Ion Ratio Lower Upper
65 100
92 65.1 54.6 82.0
138 111.3 72.9 109.3#



#48
Acenaphthylene
Concen: 38.496 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.08 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

Tgt Ion: 152 Resp: 749020
Ion Ratio Lower Upper
152 100
151 21.0 17.2 25.8
153 12.8 10.2 15.4





#49

Dimethylphthalate

Concen: 40.040 ng

RT: 13.86 min Scan# 1799

Delta R.T. -0.08 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

Instrument :

BNA_G

ClientSampleId :

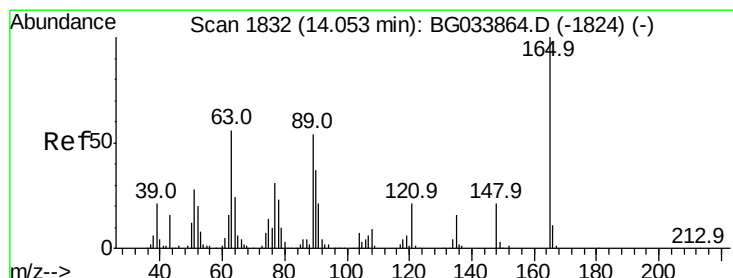
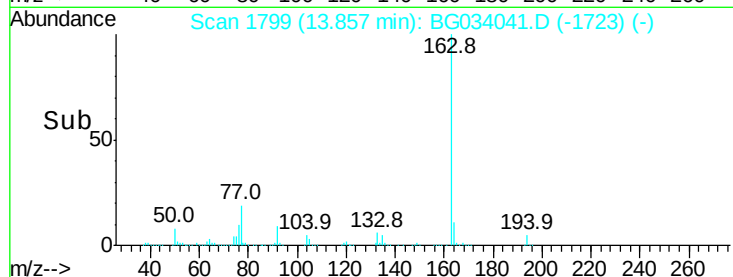
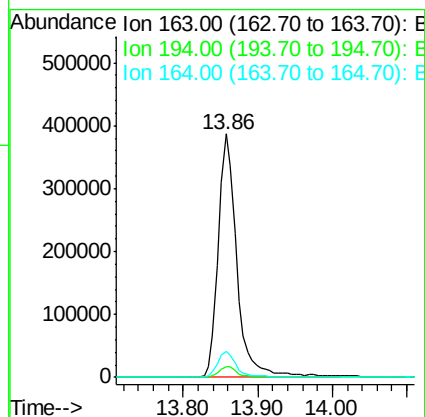
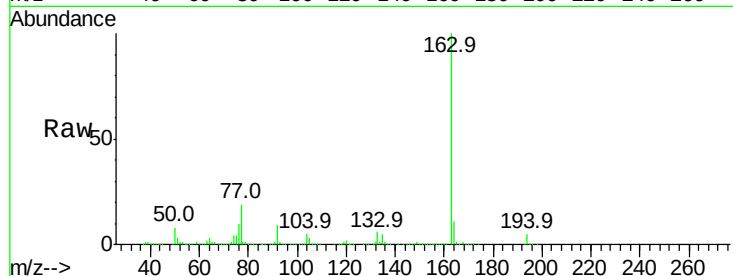
Tot Ion:163 Resp: 671685

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

164 10.8 8.2 12.4



#50

2,6-Dinitrotoluene

Concen: 46.222 ng

RT: 13.97 min Scan# 1819

Delta R.T. -0.08 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

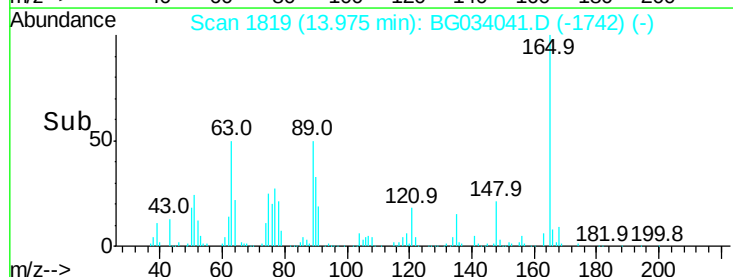
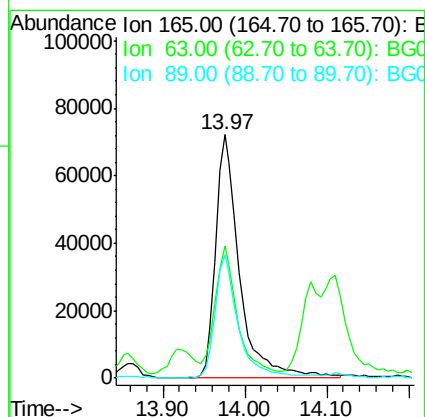
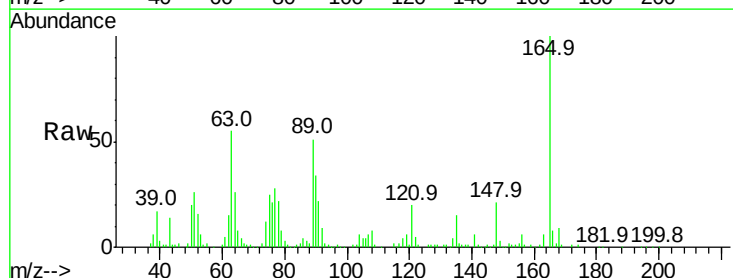
Tgt Ion:165 Resp: 146943

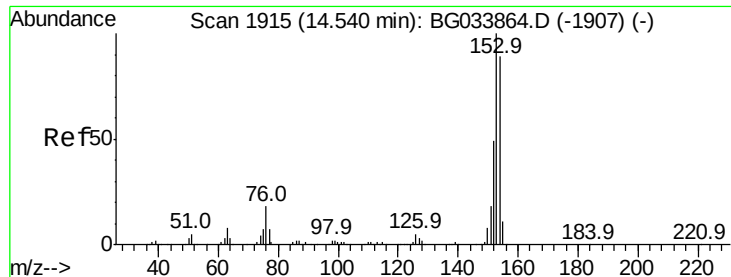
Ion Ratio Lower Upper

165 100

63 54.5 52.7 79.1

89 50.7 49.2 73.8





#51

Acenaphthene

Concen: 37.707 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.08 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

Instrument :

BNA_G

ClientSampleId :

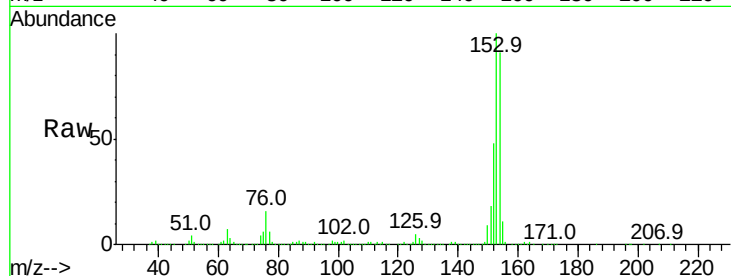
Tot Ion:154 Resp: 460885

Ion Ratio Lower Upper

154 100

153 110.5 90.4 135.6

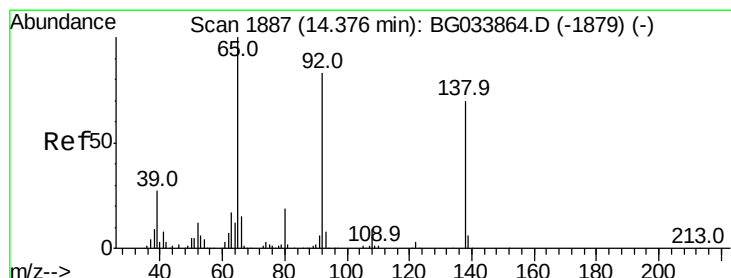
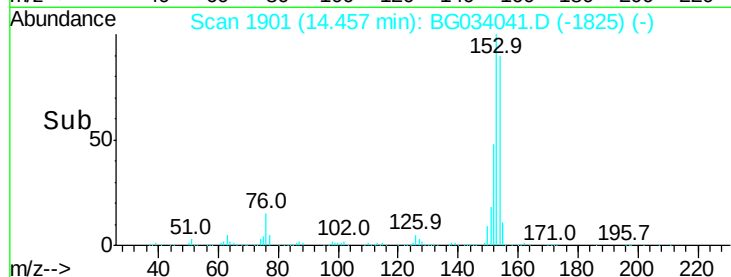
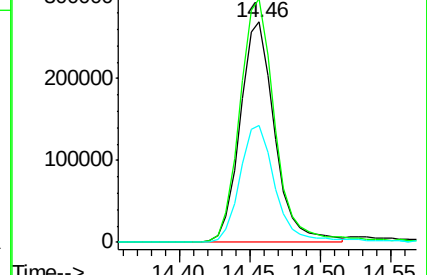
152 53.0 41.6 62.4



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: 10.365 ng

RT: 14.35 min Scan# 1882

Delta R.T. -0.03 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

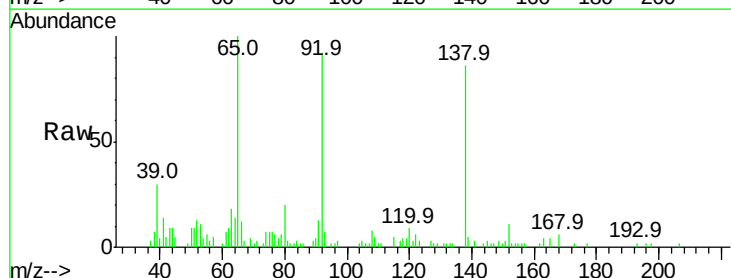
Tgt Ion:138 Resp: 35780

Ion Ratio Lower Upper

138 100

108 9.1 17.5 26.3#

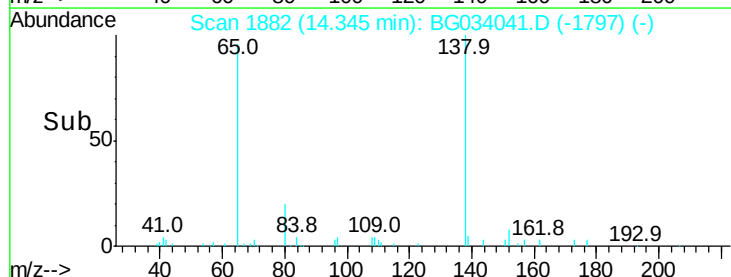
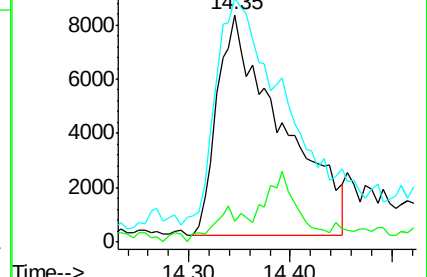
92 107.2 105.8 158.8

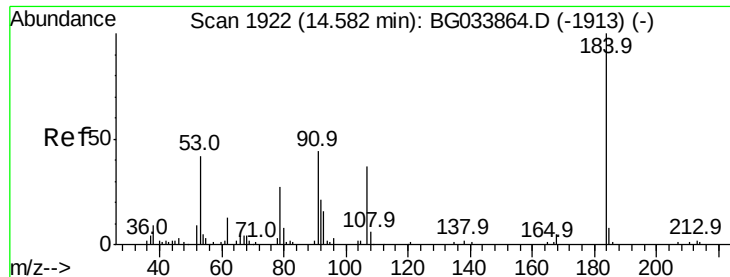


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

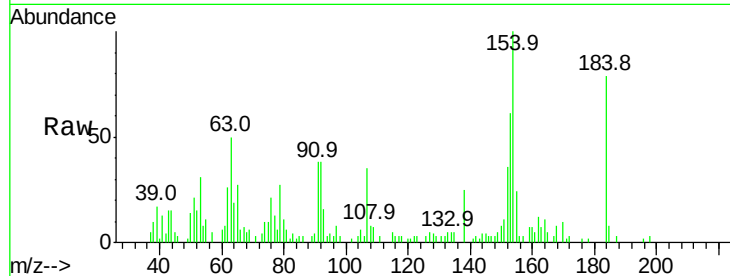




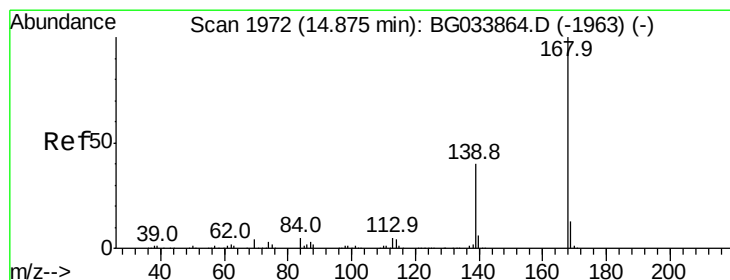
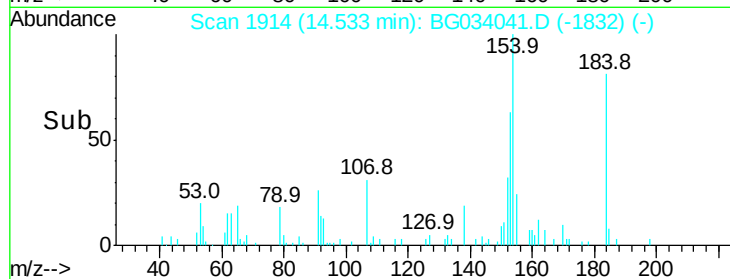
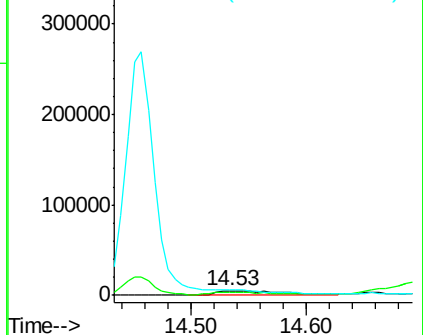
#53
 2,4-Dinitrophenol
 Concen: 18.949 ng
 RT: 14.53 min Scan# 1914
 Delta R.T. -0.05 min
 Lab File: BG034041.D
 Acq: 27 Apr 2018 16:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 21544
 Ion Ratio Lower Upper
 184 100
 63 63.2 59.8 89.8
 154 126.9 101.8 152.8

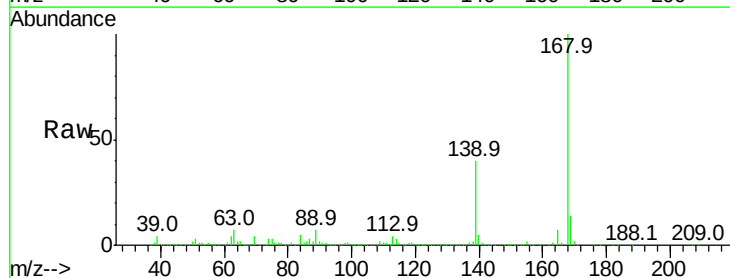


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): B
 Ion 154.00 (153.70 to 154.70): E

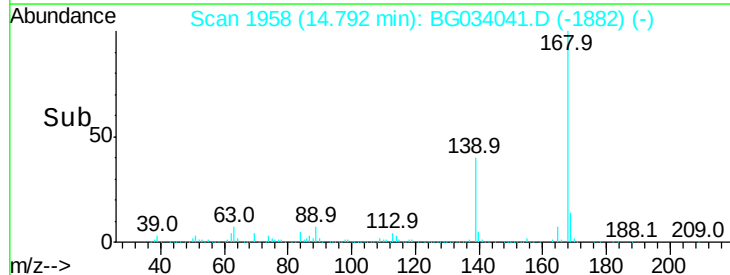
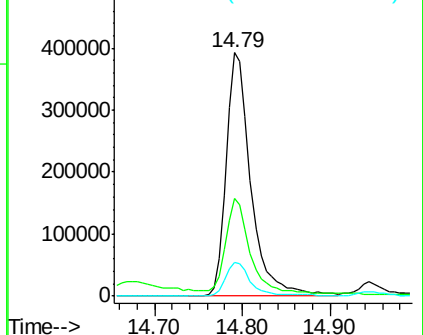


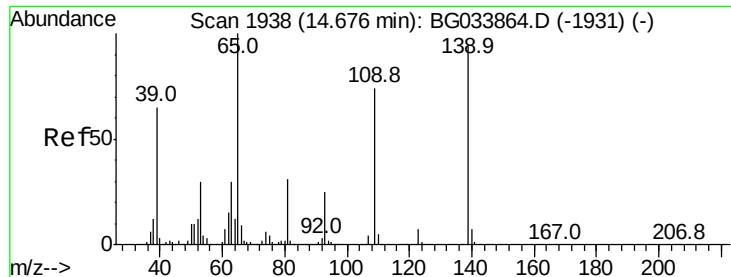
#54
 Dibenzofuran
 Concen: 41.906 ng
 RT: 14.79 min Scan# 1958
 Delta R.T. -0.08 min
 Lab File: BG034041.D
 Acq: 27 Apr 2018 16:21

Tgt Ion:168 Resp: 759377
 Ion Ratio Lower Upper
 168 100
 139 40.2 28.6 43.0
 169 14.1 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

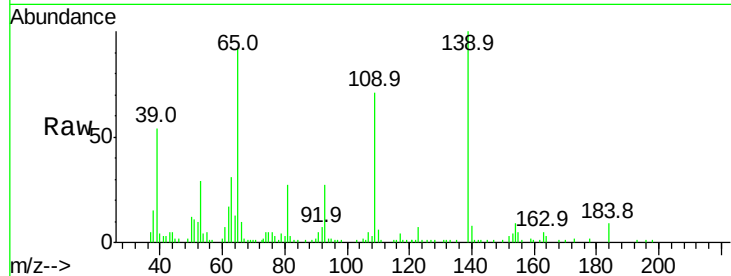




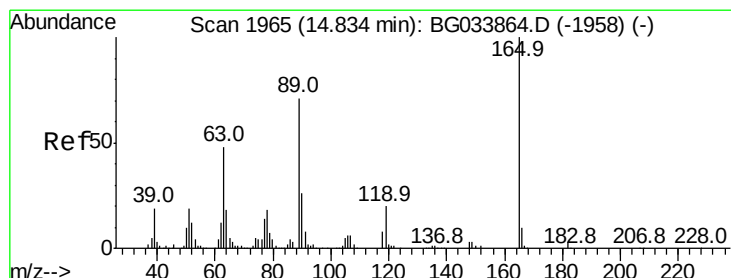
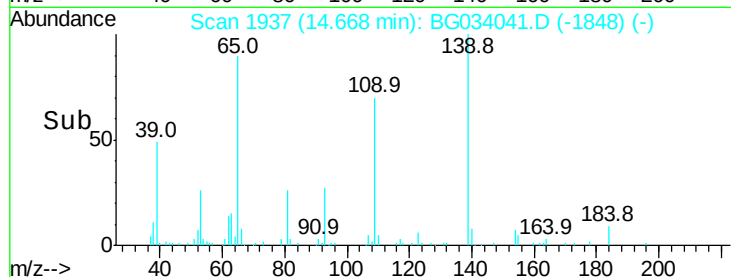
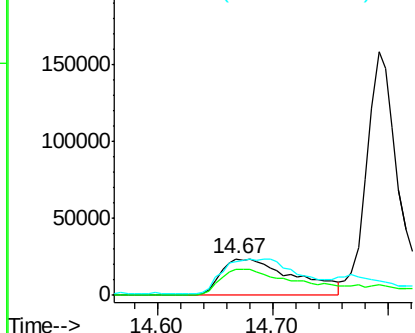
#55
4-Nitrophenol
Concen: 37.681 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 102016
Ion Ratio Lower Upper
139 100
109 70.8 62.2 102.2
65 91.6 97.2 137.2#

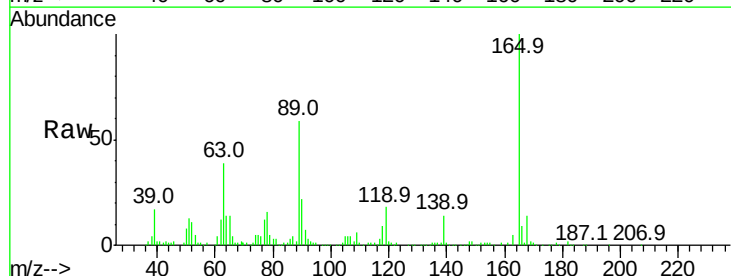


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

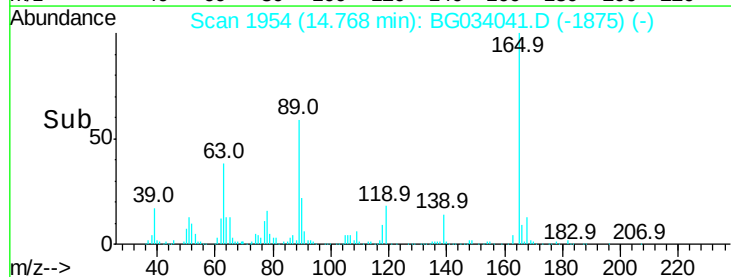
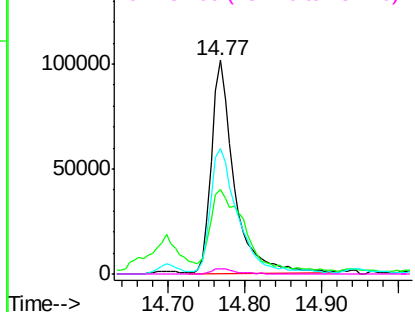


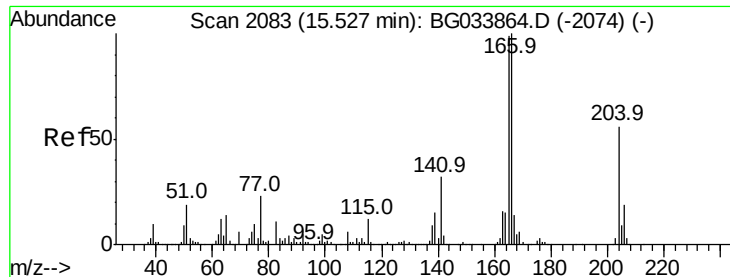
#56
2,4-Dinitrotoluene
Concen: 48.935 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.07 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

Tgt Ion:165 Resp: 206872
Ion Ratio Lower Upper
165 100
63 39.3 42.0 63.0#
89 58.9 66.9 100.3#
182 2.4 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: 41.964 ng

RT: 15.44 min Scan# 2069

Delta R.T. -0.08 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

Instrument :

BNA_G

ClientSampleId :

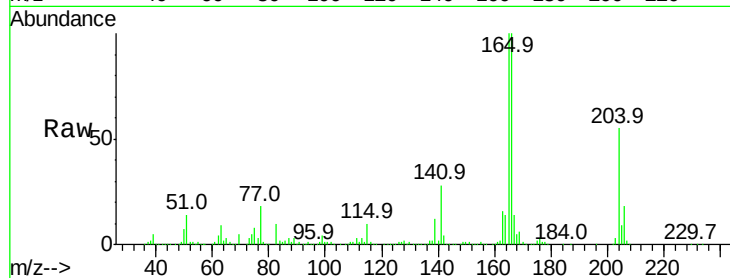
Tot Ion:166 Resp: 658042

Ion Ratio Lower Upper

166 100

165 99.7 80.6 121.0

167 13.8 10.4 15.6

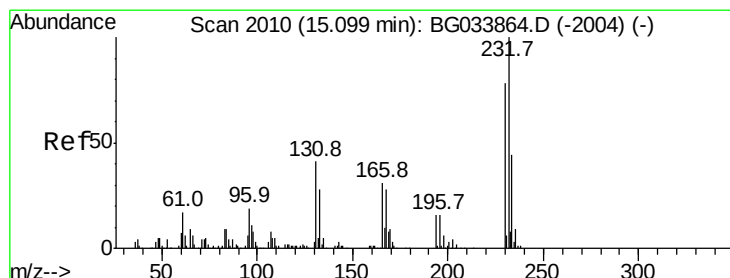
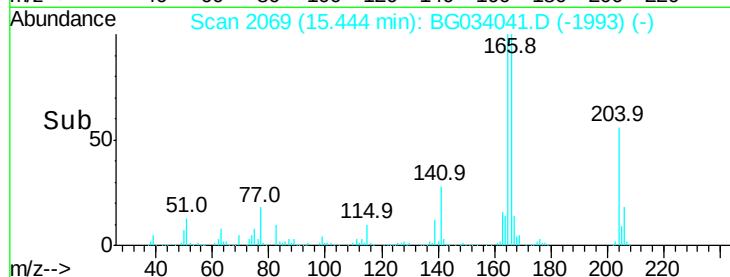
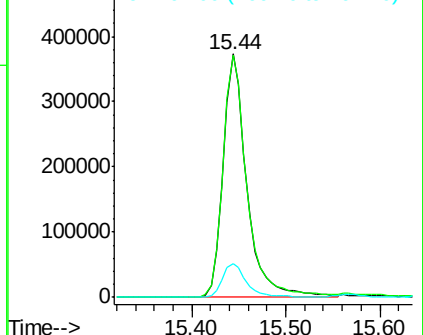


Abundance

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: 49.922 ng

RT: 15.03 min Scan# 1998

Delta R.T. -0.07 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

Tgt Ion:232 Resp: 202891

Ion Ratio Lower Upper

232 100

131 33.5 33.5 50.3#

130 2.1 2.2 3.2#

166 25.5 24.8 37.2

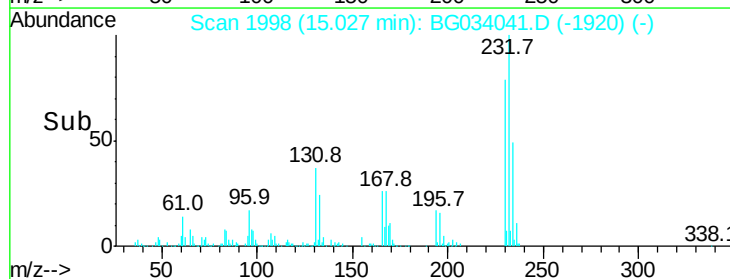
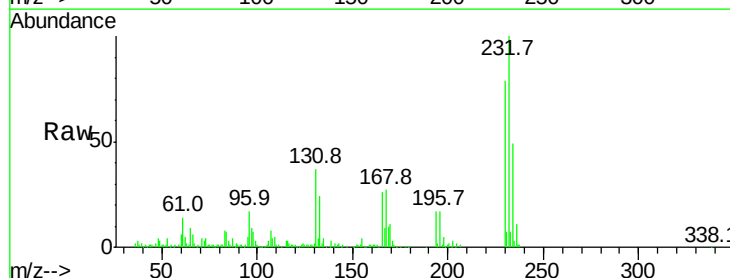
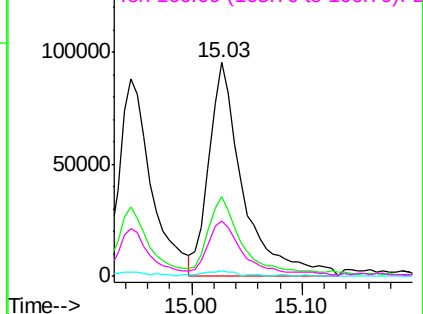
Abundance

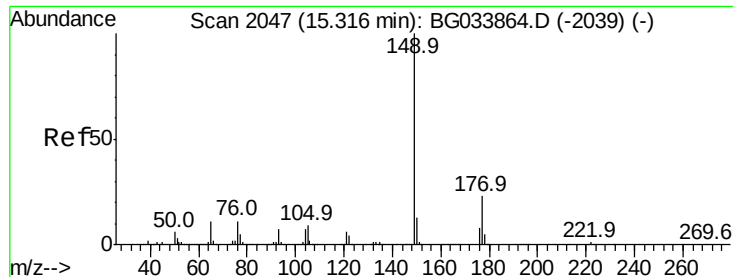
Ion 232.00 (231.70 to 232.70): E

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

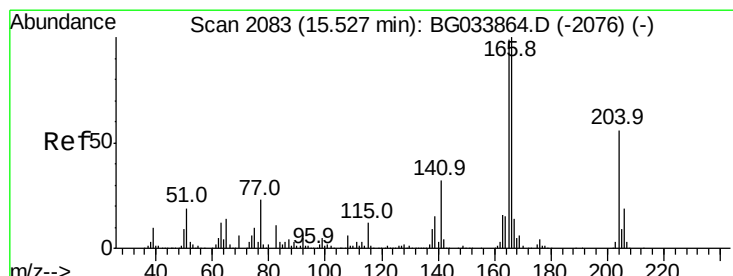
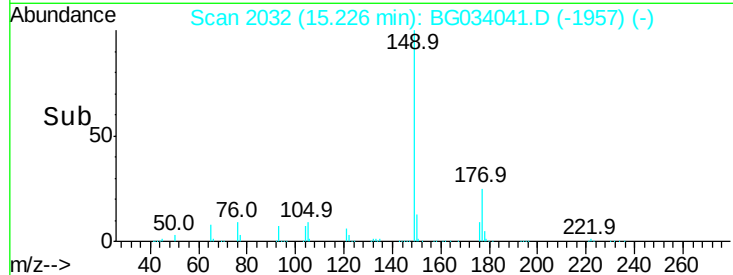
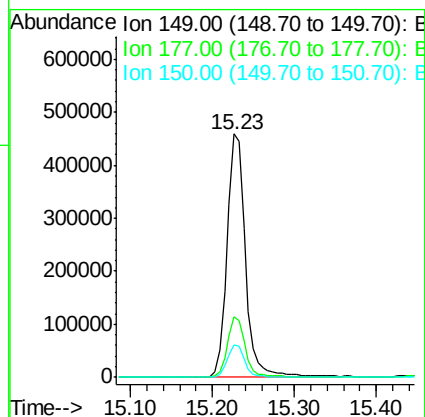
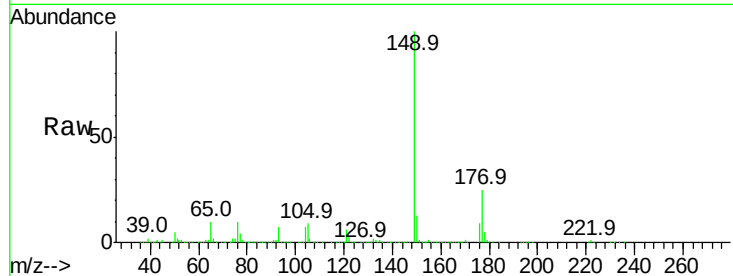




#59
Diethylphthalate
Concen: 40.708 ng
RT: 15.23 min Scan# 2032
Delta R.T. -0.09 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

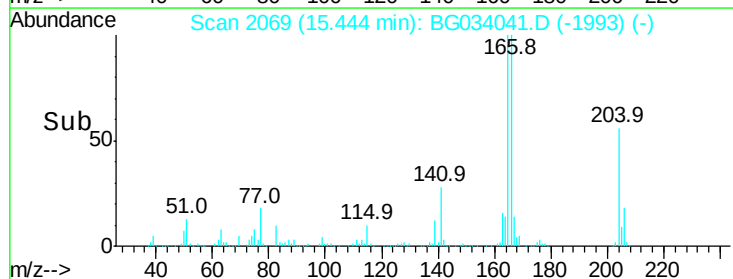
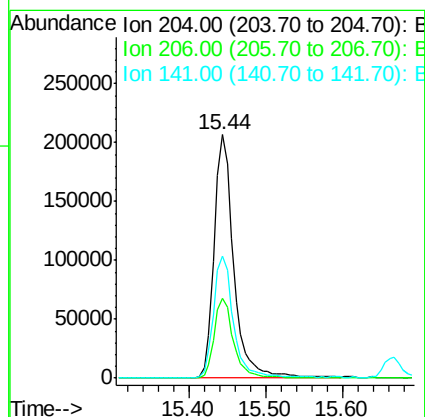
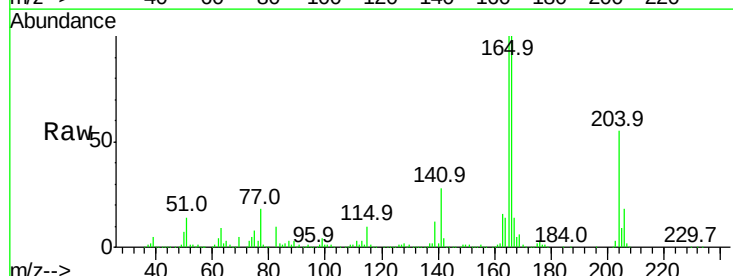
Instrument :
BNA_G
ClientSampleId :

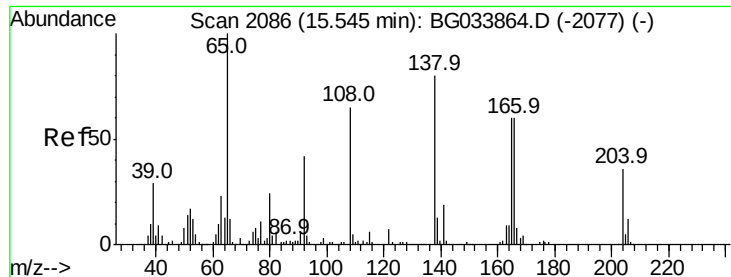
Tot Ion:149 Resp: 721821
Ion Ratio Lower Upper
149 100
177 24.8 18.5 27.7
150 13.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.262 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.08 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

Tgt Ion:204 Resp: 363030
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 50.1 45.8 68.6

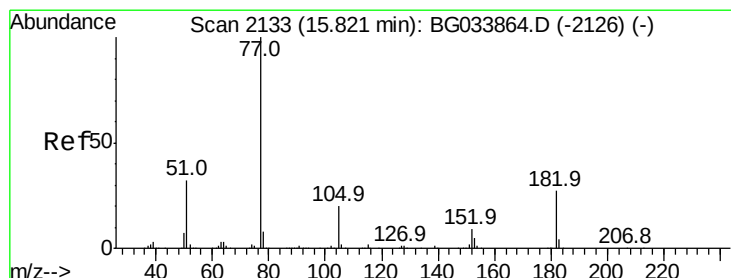
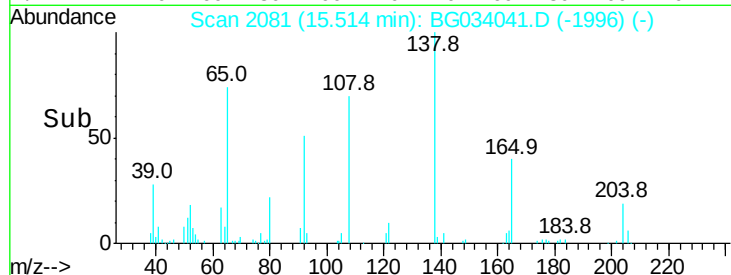
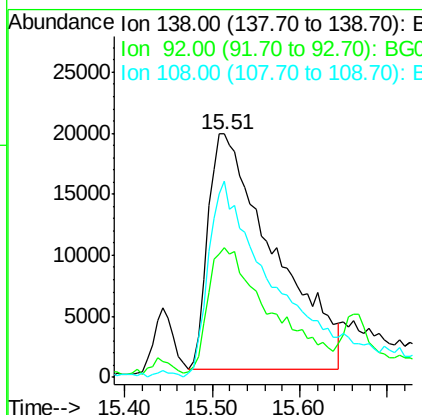
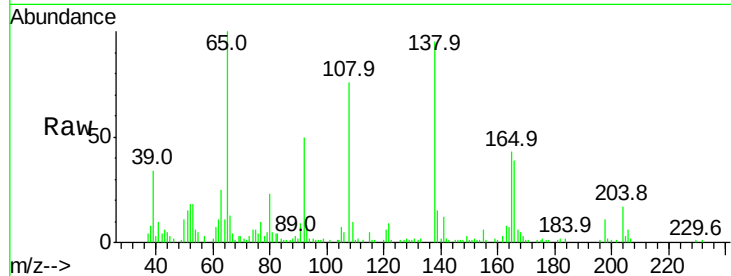




#61
4-Nitroaniline
Concen: 27.265 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.03 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

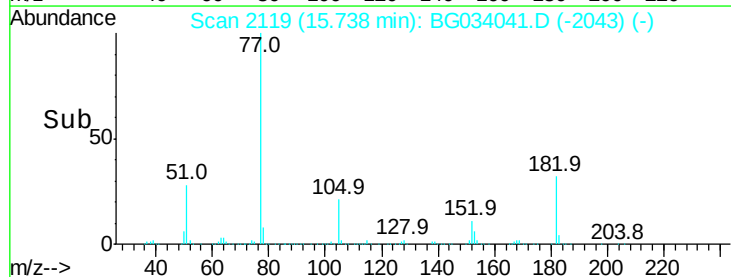
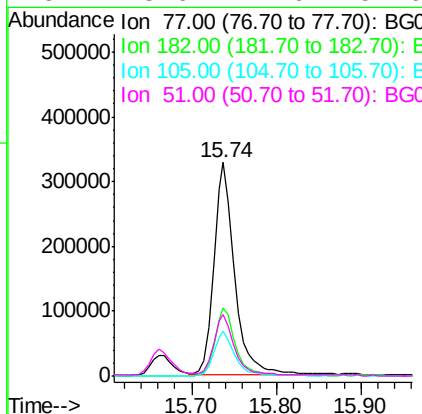
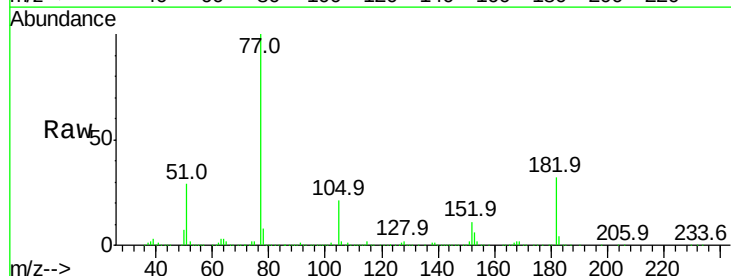
Instrument :
BNA_G
ClientSampleId :

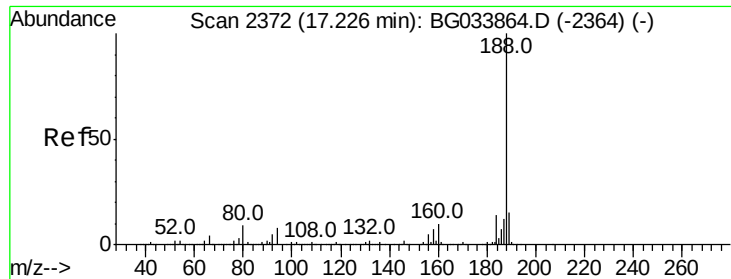
Tot Ion:138 Resp: 99931
Ion Ratio Lower Upper
138 100
92 53.2 40.1 80.1
108 80.6 65.4 105.4



#62
Azobenzene
Concen: 35.817 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.08 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

Tgt Ion: 77 Resp: 566134
Ion Ratio Lower Upper
77 100
182 31.7 7.4 47.4
105 20.9 0.3 40.3
51 28.6 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.15 min Scan# 2359

Delta R.T. -0.08 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

Instrument :

BNA_G

ClientSampleId :

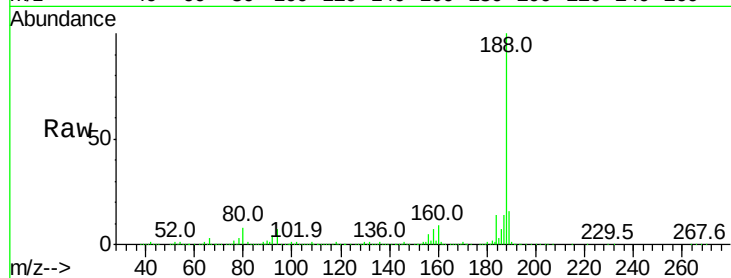
Tot Ion:188 Resp: 521148

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

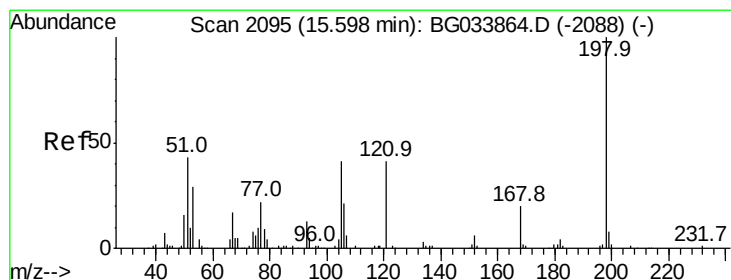
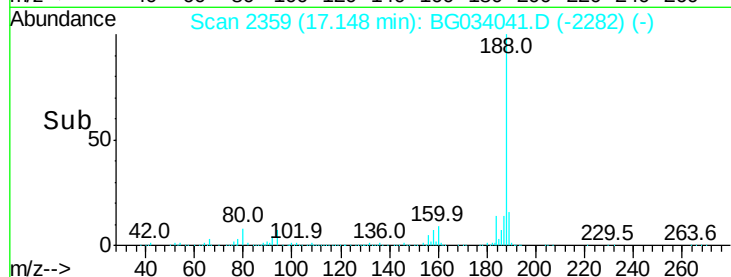
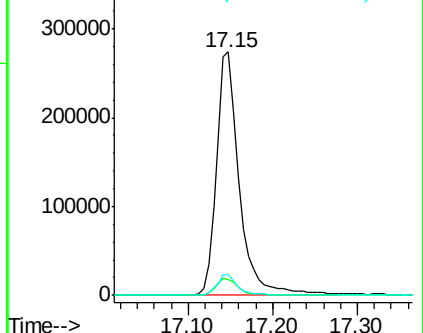
80 8.4 7.7 11.5



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: 23.668 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.07 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

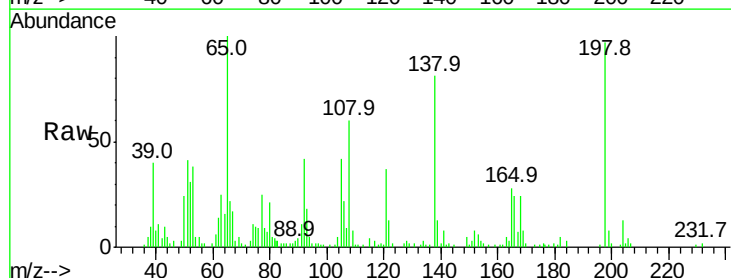
Tgt Ion:198 Resp: 49848

Ion Ratio Lower Upper

198 100

51 41.9 30.6 70.6

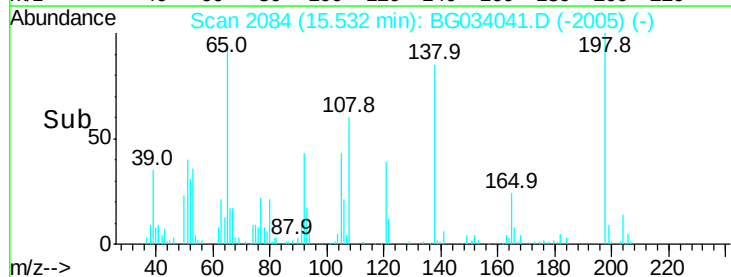
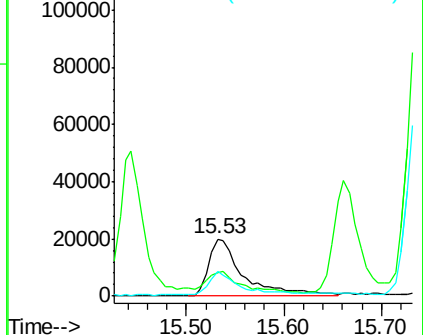
105 43.3 23.8 63.8

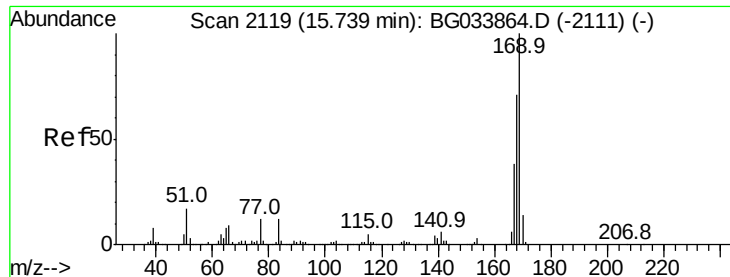


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.407 ng

RT: 15.66 min Scan# 2106

Delta R.T. -0.08 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

Instrument :

BNA_G

ClientSampleId :

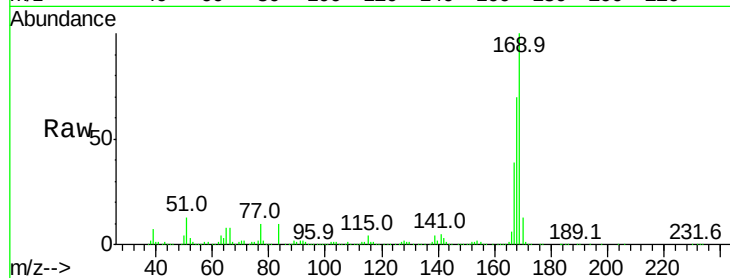
Tot Ion:169 Resp: 597072

Ion Ratio Lower Upper

169 100

168 70.3 55.7 83.5

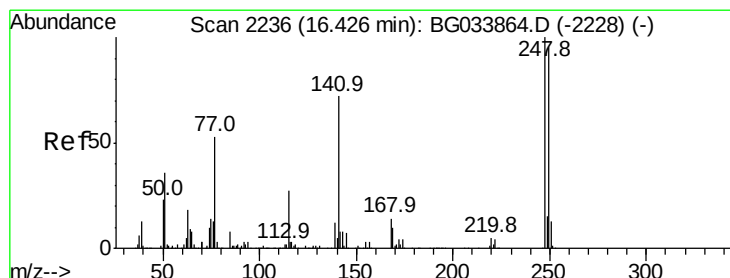
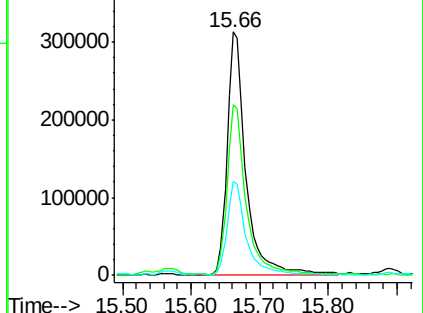
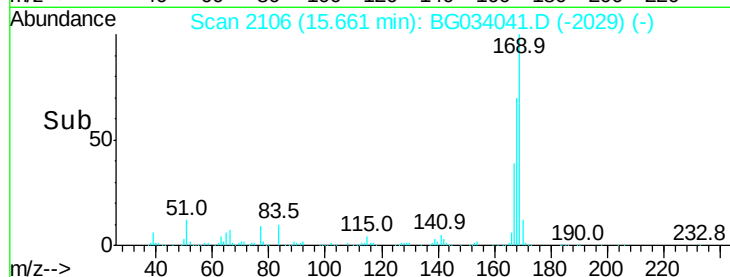
167 38.6 30.1 45.1



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: 40.885 ng

RT: 16.34 min Scan# 2221

Delta R.T. -0.09 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

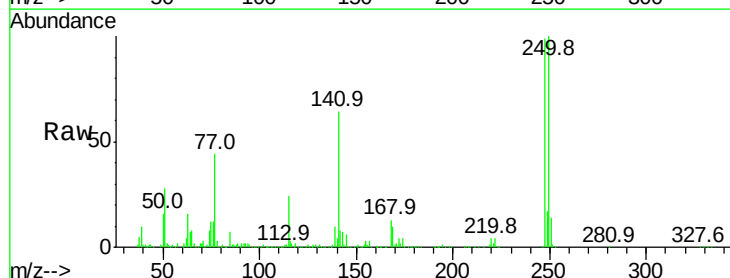
Tgt Ion:248 Resp: 233998

Ion Ratio Lower Upper

248 100

250 101.1 77.1 115.7

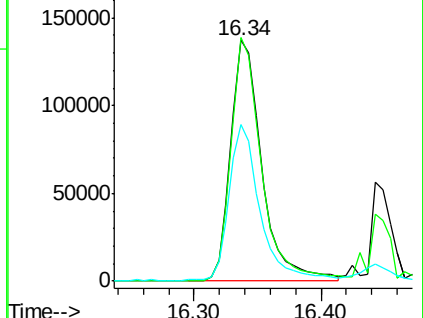
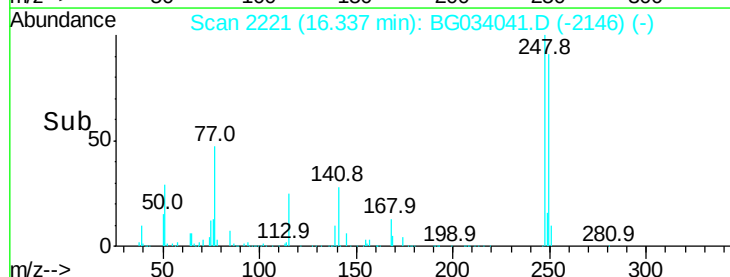
141 64.9 50.8 76.2

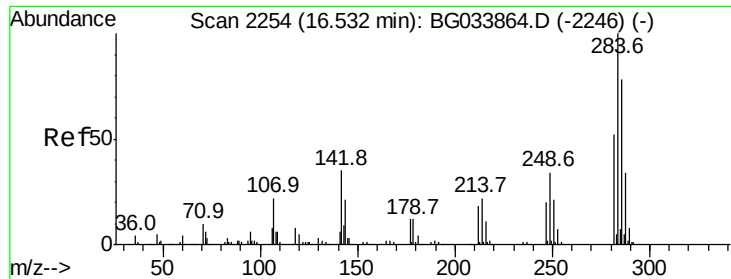


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

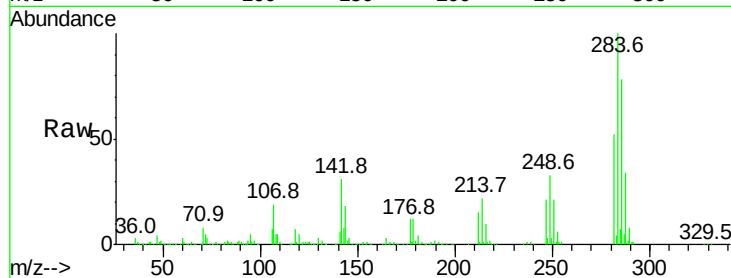




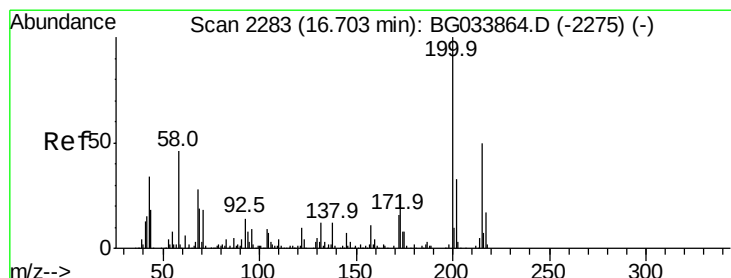
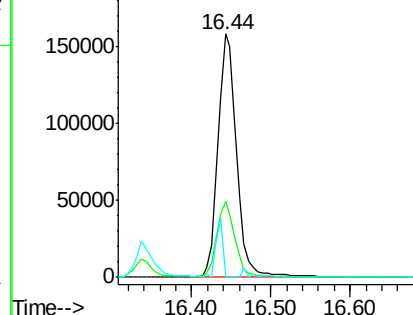
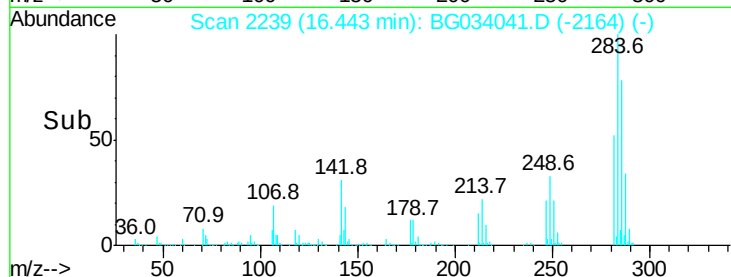
#67
Hexachlorobenzene
Concen: 41.884 ng
RT: 16.44 min Scan# 2239
Delta R.T. -0.09 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.2	26.8	40.2
249	3.2	26.3	39.5#

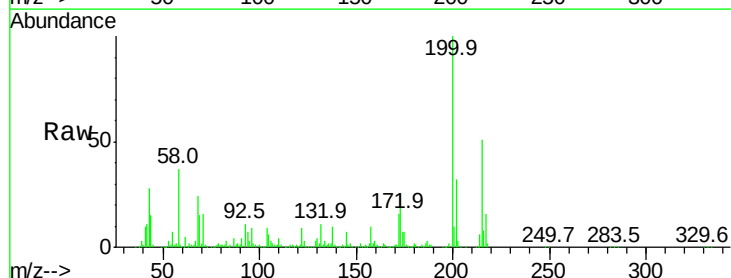


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

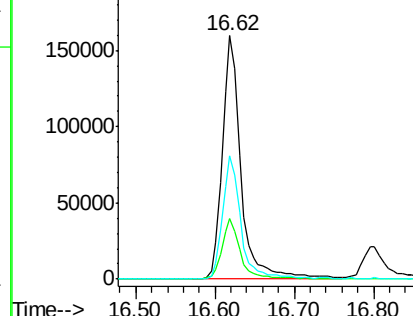
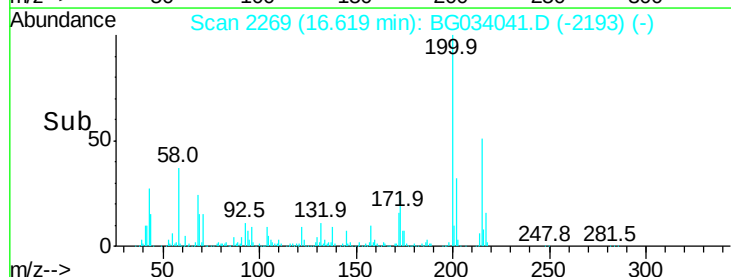


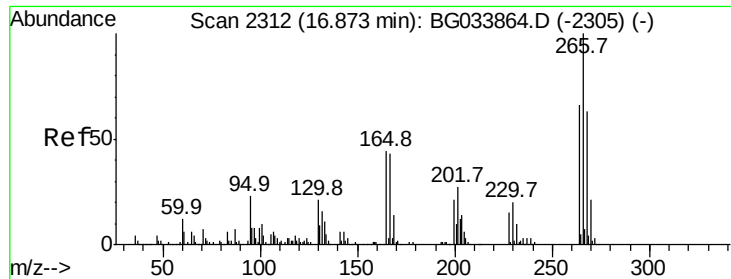
#68
Atrazine
Concen: 43.434 ng
RT: 16.62 min Scan# 2269
Delta R.T. -0.08 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.0	5.2	45.2
215	50.6	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

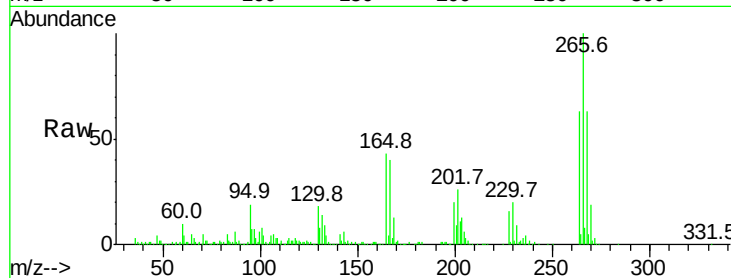




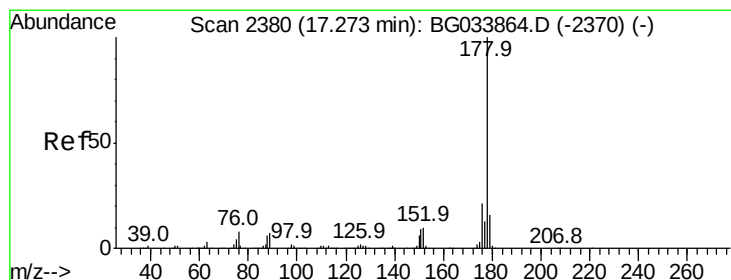
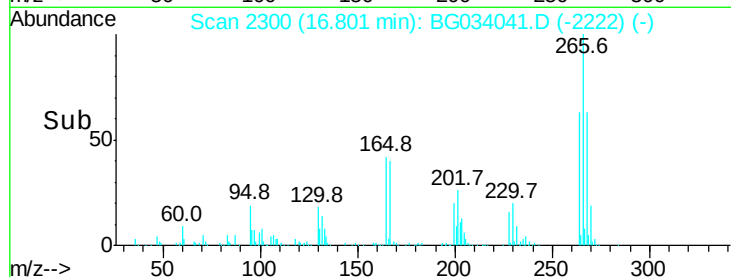
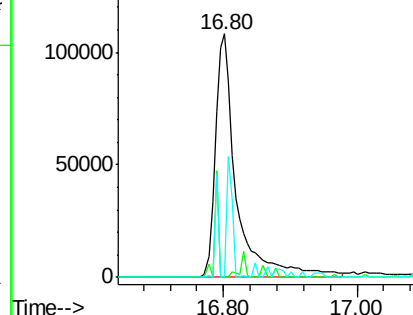
#69
 Pentachlorophenol
 Concen: 57.052 ng
 RT: 16.80 min Scan# 2300
 Delta R.T. -0.07 min
 Lab File: BG034041.D
 Acq: 27 Apr 2018 16:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	5.2	51.1	76.7#
264	4.9	49.6	74.4#

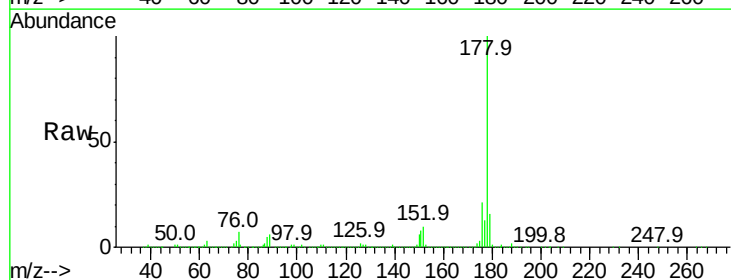


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

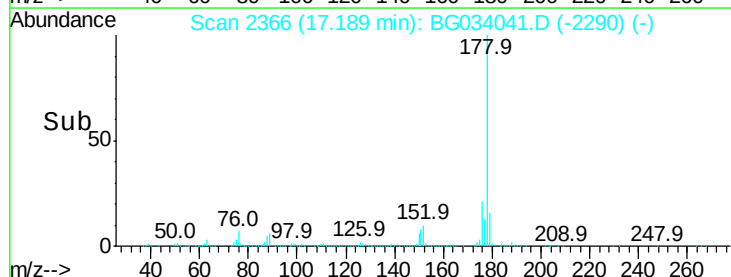
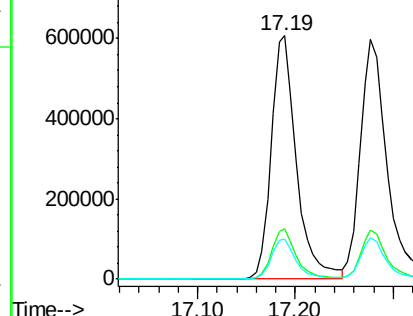


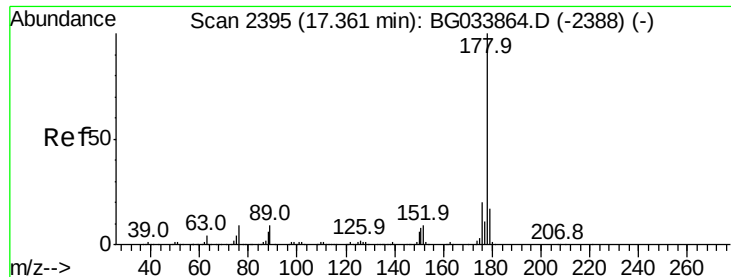
#70
 Phenanthrene
 Concen: 39.498 ng
 RT: 17.19 min Scan# 2366
 Delta R.T. -0.08 min
 Lab File: BG034041.D
 Acq: 27 Apr 2018 16:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.7	23.5
179	16.3	12.5	18.7



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





#71

Anthracene

Concen: 42.973 ng

RT: 17.28 min Scan# 2381

Delta R.T. -0.08 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

Instrument :

BNA_G

ClientSampleId :

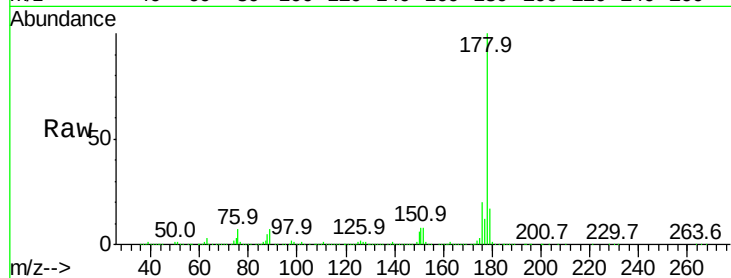
Tot Ion:178 Resp: 1201470

Ion Ratio Lower Upper

178 100

176 20.4 16.0 24.0

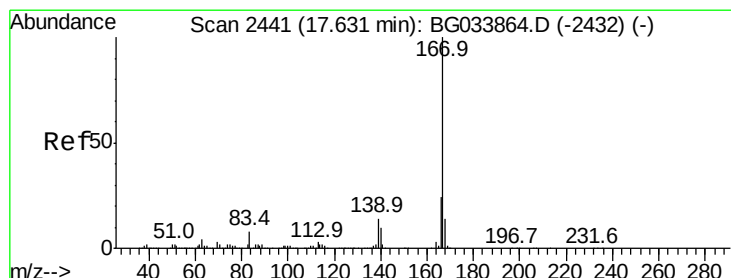
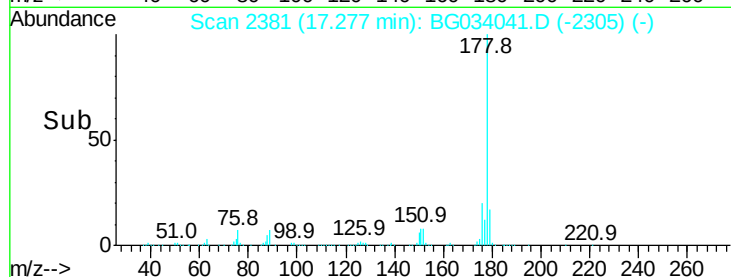
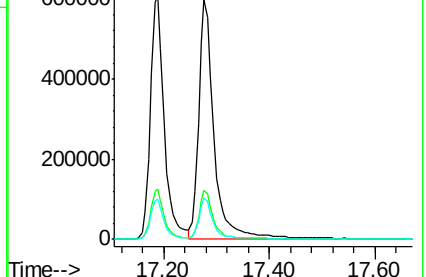
179 17.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.017 ng

RT: 17.56 min Scan# 2430

Delta R.T. -0.07 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

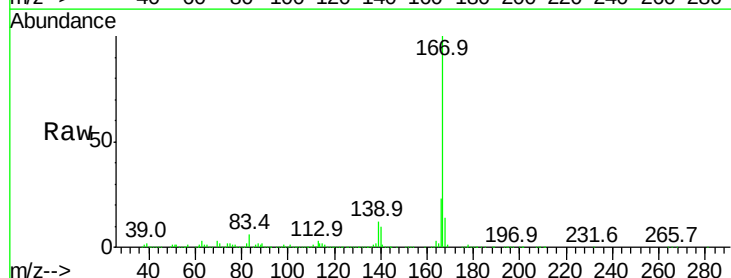
Tgt Ion:167 Resp: 1052400

Ion Ratio Lower Upper

167 100

166 22.9 18.2 27.4

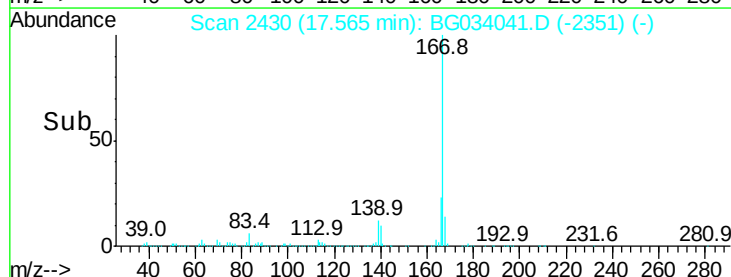
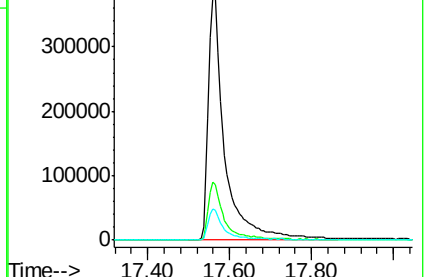
139 12.5 9.4 14.2

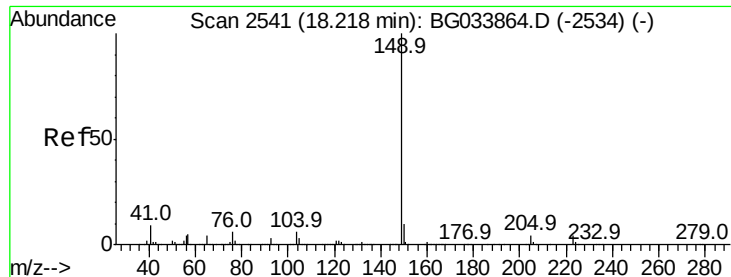


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.105 ng

RT: 18.12 min Scan# 2525

Delta R.T. -0.10 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

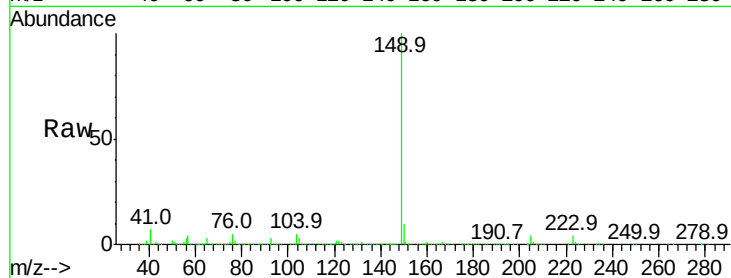
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1278617

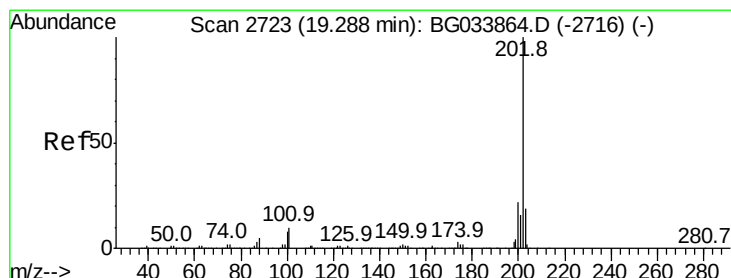
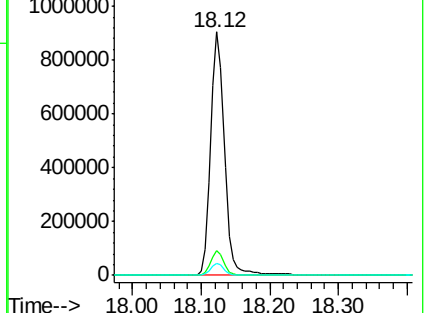
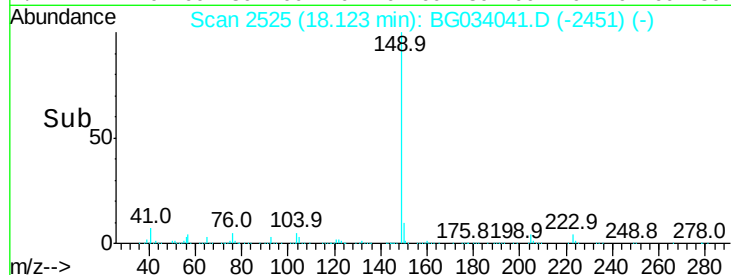
Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.6
104	5.1	3.9	5.9



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: 41.568 ng

RT: 19.20 min Scan# 2709

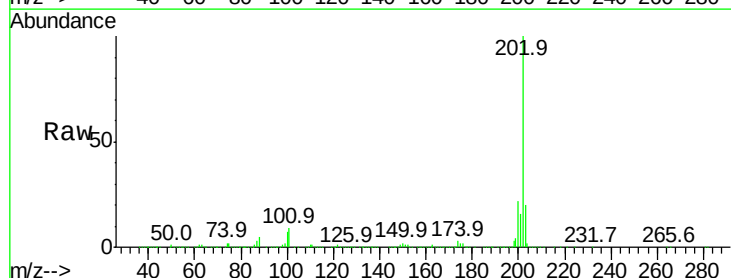
Delta R.T. -0.08 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

Tgt Ion:202 Resp: 1405765

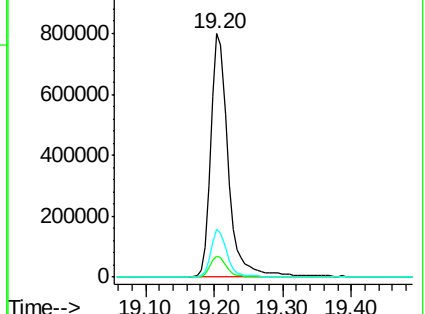
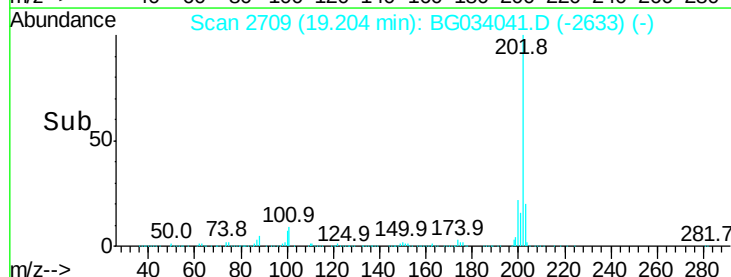
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.9
203	19.6	0.0	37.5

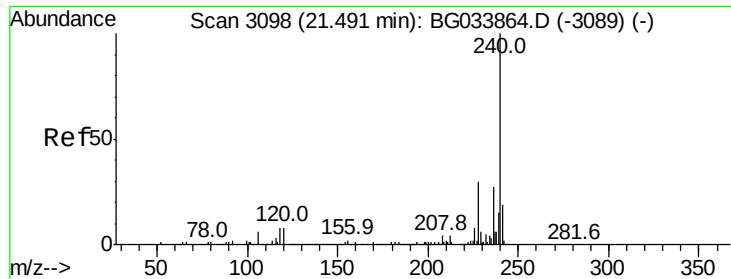


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.39 min Scan# 3081

Delta R.T. -0.10 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

Instrument :

BNA_G

ClientSampleId :

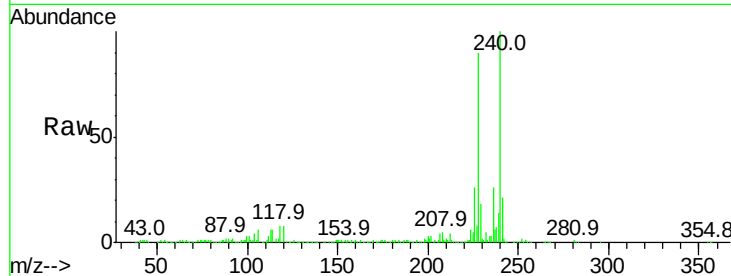
Tot Ion:240 Resp: 545419

Ion Ratio Lower Upper

240 100

120 7.7 6.8 10.2

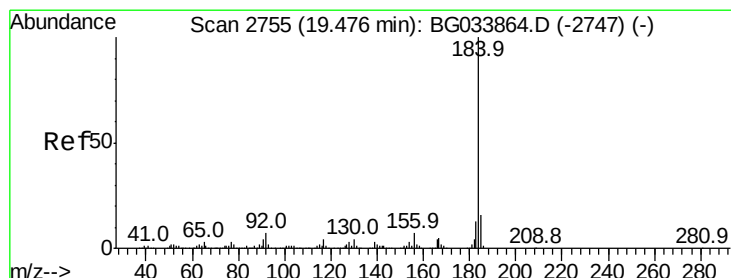
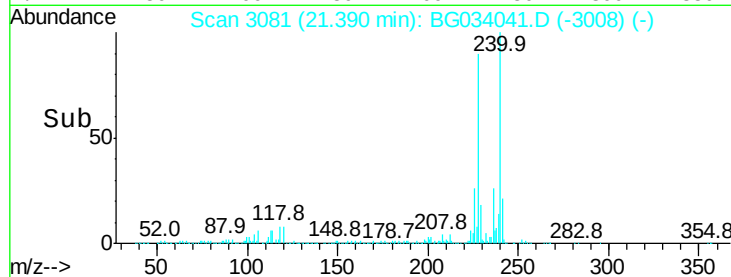
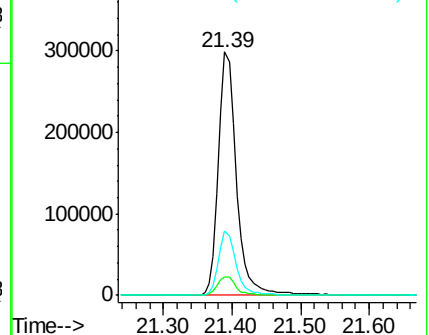
236 26.3 20.9 31.3



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: 16.855 ng

RT: 19.42 min Scan# 2746

Delta R.T. -0.05 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

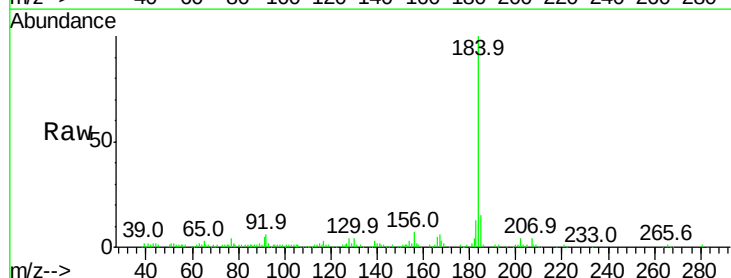
Tgt Ion:184 Resp: 248250

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

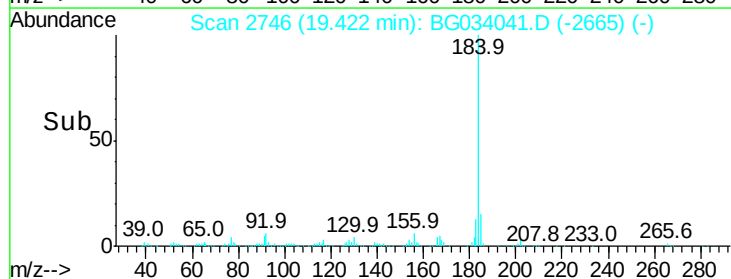
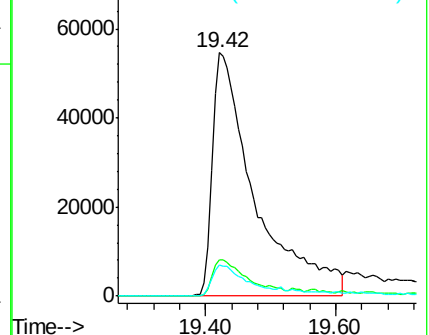
183 12.9 10.6 16.0

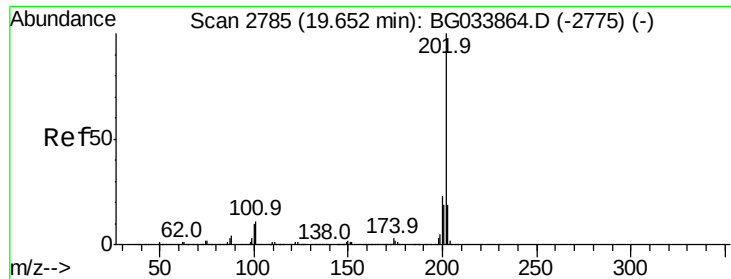


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.326 ng

RT: 19.57 min Scan# 2771

Delta R.T. -0.08 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

Instrument :

BNA_G

ClientSampleId :

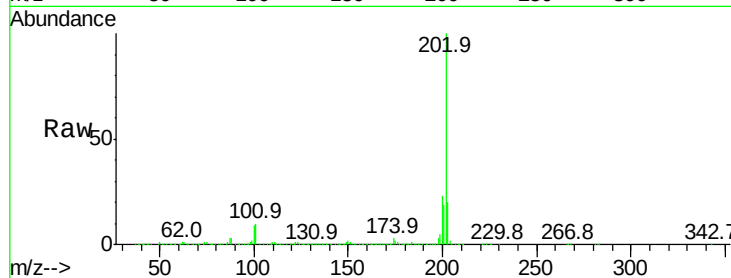
Tot Ion:202 Resp: 1406844

Ion Ratio Lower Upper

202 100

200 23.1 16.9 25.3

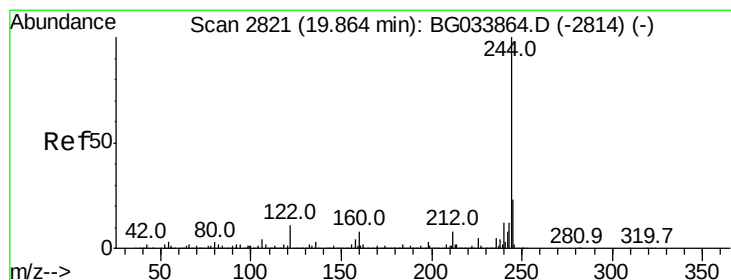
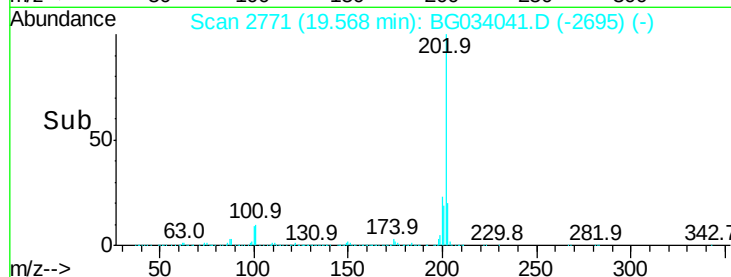
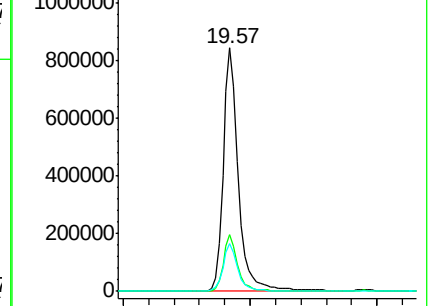
203 19.8 13.9 20.9



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: 95.612 ng

RT: 19.78 min Scan# 2807

Delta R.T. -0.08 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

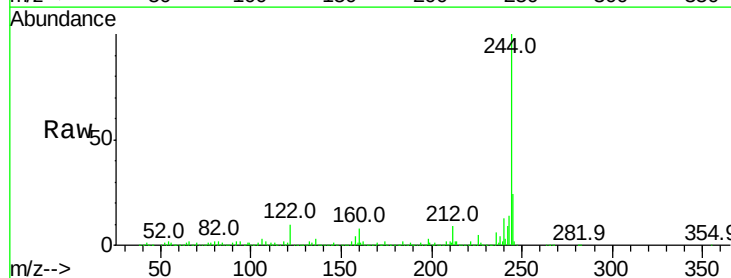
Tgt Ion:244 Resp: 2321213

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

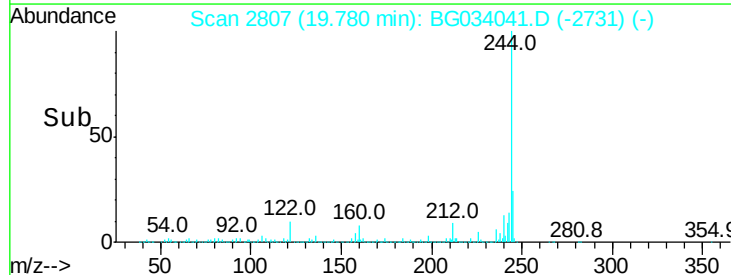
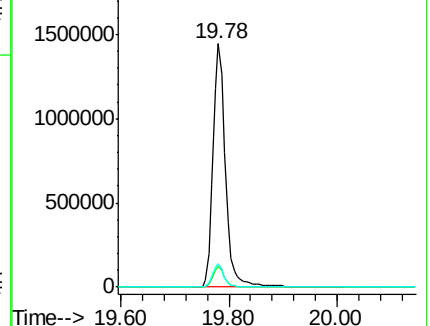
122 9.8 7.0 10.4

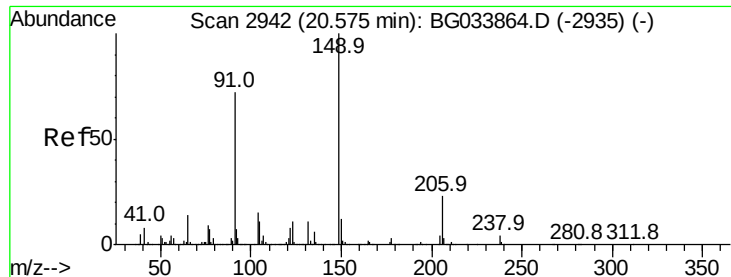


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

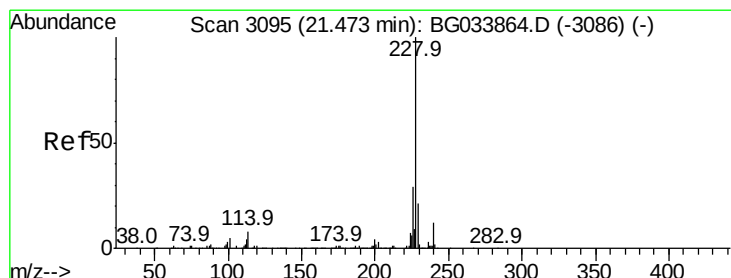
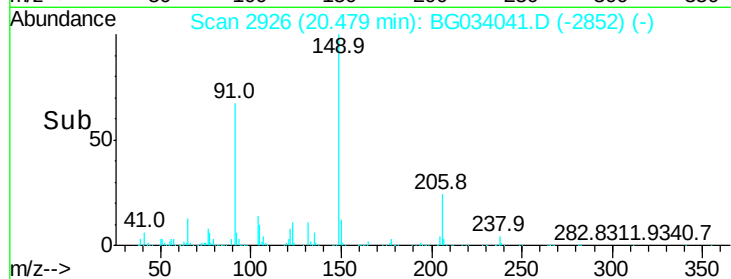
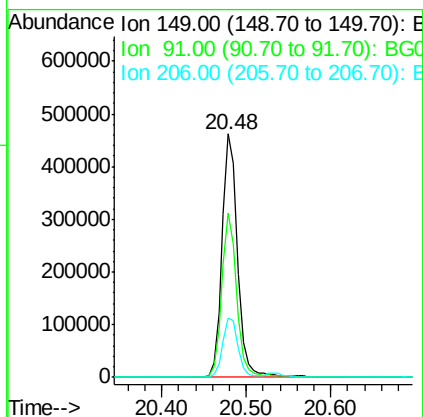
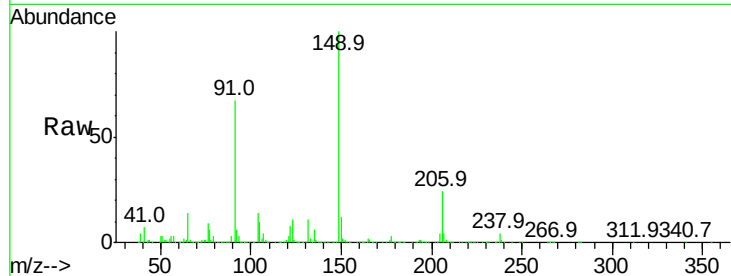




#79
 Butylbenzylphthalate
 Concen: 37.651 ng
 RT: 20.48 min Scan# 2926
 Delta R.T. -0.10 min
 Lab File: BG034041.D
 Acq: 27 Apr 2018 16:21

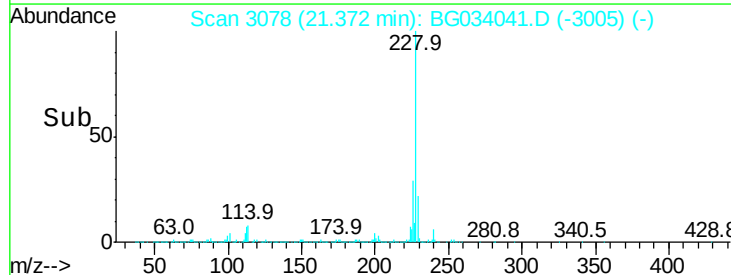
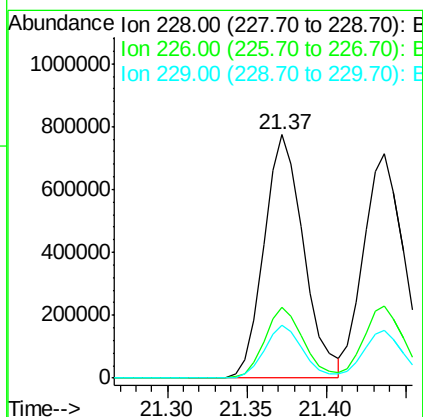
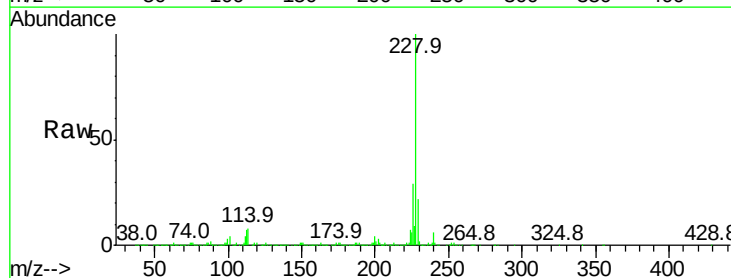
Instrument :
 BNA_G
 ClientSampleId :

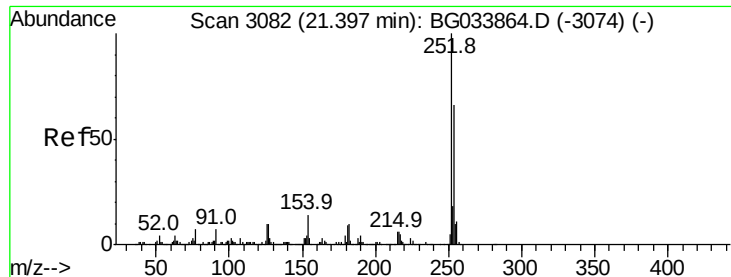
Tot Ion:149 Resp: 591502
 Ion Ratio Lower Upper
 149 100
 91 67.5 62.2 93.2
 206 24.1 18.6 27.8



#80
 Benzo(a)anthracene
 Concen: 39.263 ng
 RT: 21.37 min Scan# 3078
 Delta R.T. -0.10 min
 Lab File: BG034041.D
 Acq: 27 Apr 2018 16:21

Tgt Ion:228 Resp: 1350367
 Ion Ratio Lower Upper
 228 100
 226 28.9 22.7 34.1
 229 21.8 16.2 24.2

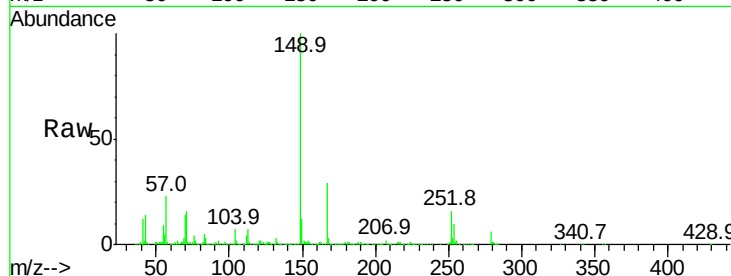




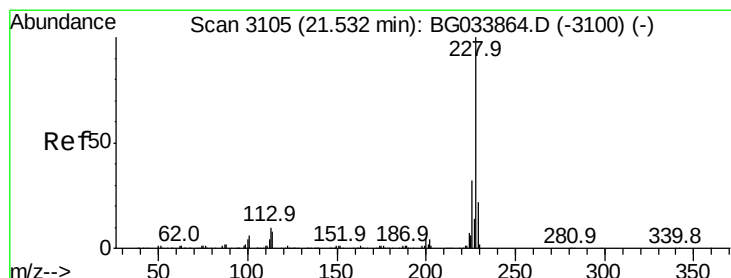
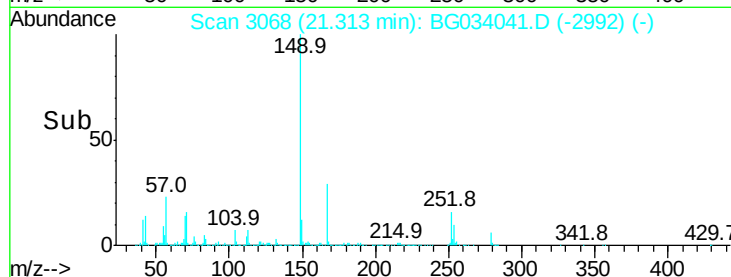
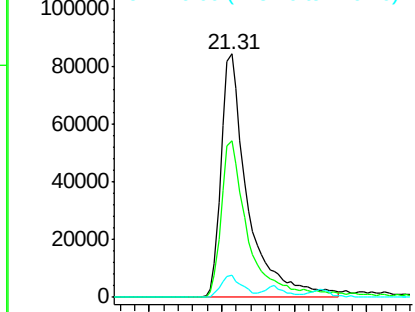
#81
 3,3'-Dichlorobenzidine
 Concen: 16.859 ng
 RT: 21.31 min Scan# 3068
 Delta R.T. -0.08 min
 Lab File: BG034041.D
 Acq: 27 Apr 2018 16:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 216202
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.8 76.2
 126 9.0 7.4 11.2

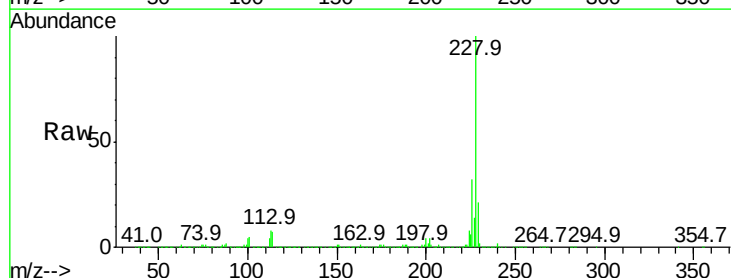


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

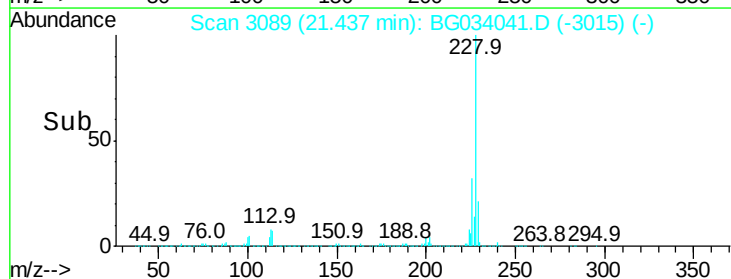
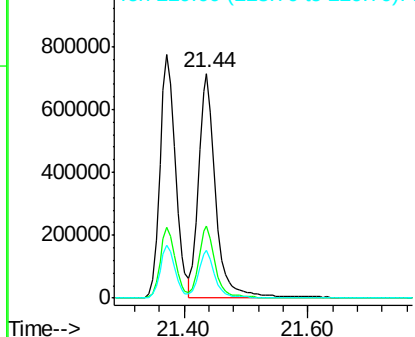


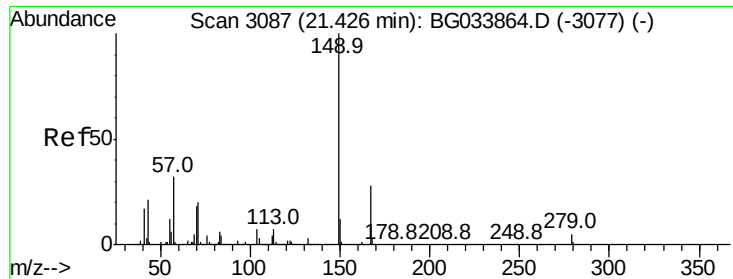
#82
 Chrysene
 Concen: 41.616 ng
 RT: 21.44 min Scan# 3089
 Delta R.T. -0.10 min
 Lab File: BG034041.D
 Acq: 27 Apr 2018 16:21

Tgt Ion:228 Resp: 1366790
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.9 37.3
 229 21.4 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

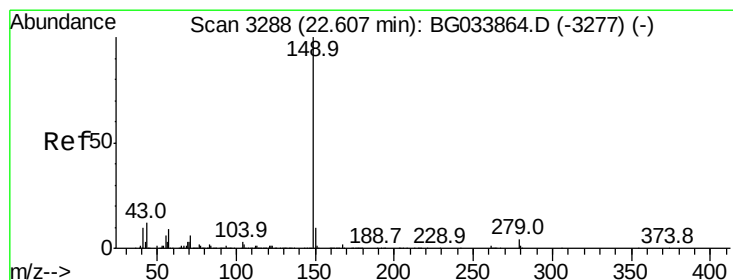
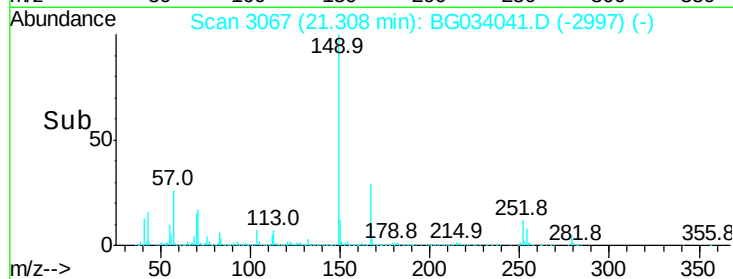
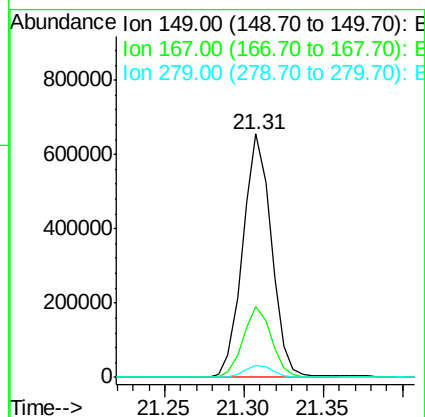
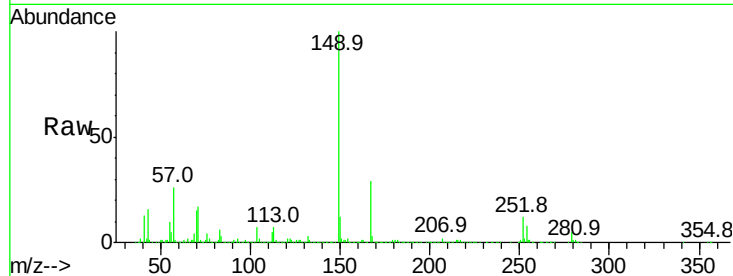




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.057 ng
 RT: 21.31 min Scan# 3067
 Delta R.T. -0.12 min
 Lab File: BG034041.D
 Acq: 27 Apr 2018 16:21

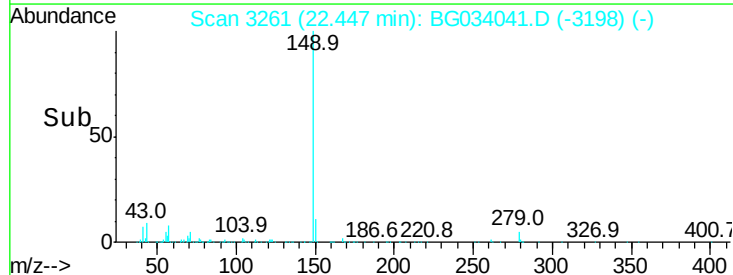
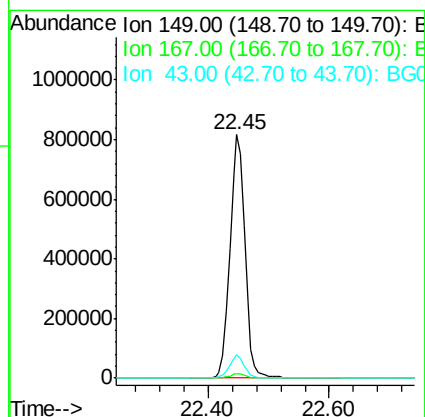
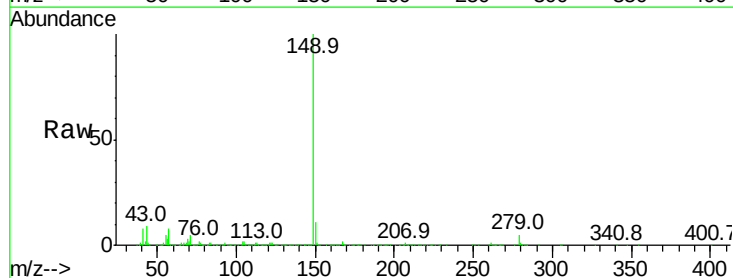
Instrument :
 BNA_G
 ClientSampleId :

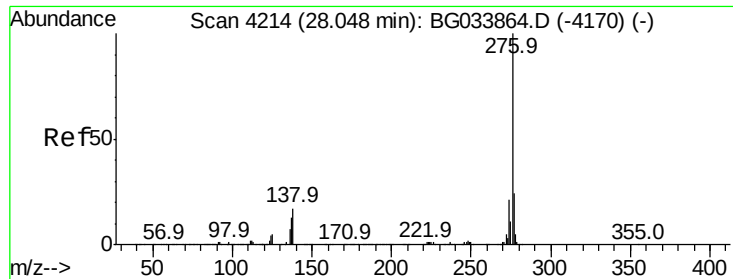
Tot Ion:149 Resp: 822171
 Ion Ratio Lower Upper
 149 100
 167 29.0 24.3 36.5
 279 4.9 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 40.040 ng
 RT: 22.45 min Scan# 3261
 Delta R.T. -0.16 min
 Lab File: BG034041.D
 Acq: 27 Apr 2018 16:21

Tgt Ion:149 Resp: 1410029
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 8.9 8.9 13.3

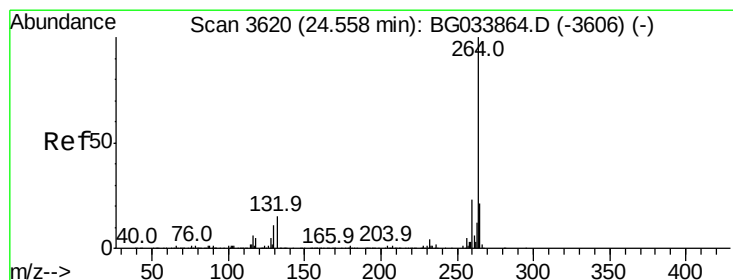
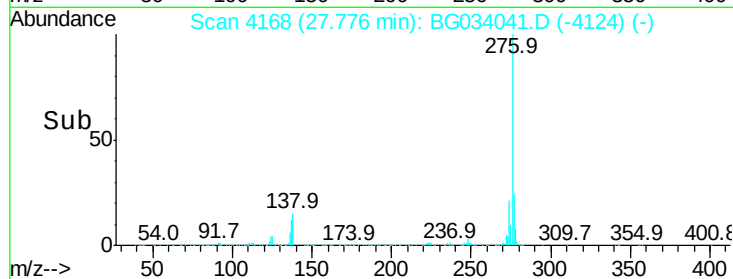
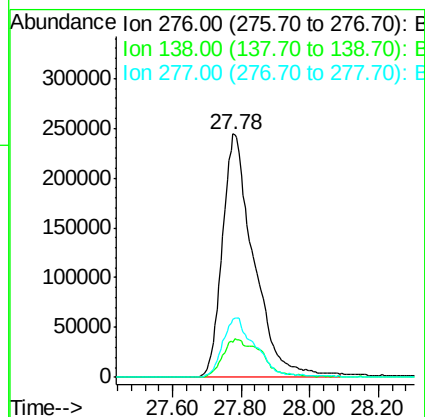
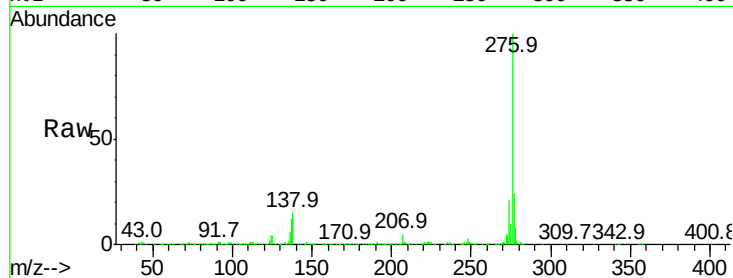




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.685 ng
RT: 27.78 min Scan# 4168
Delta R.T. -0.27 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

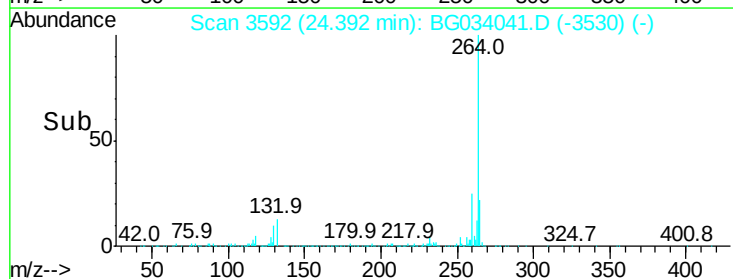
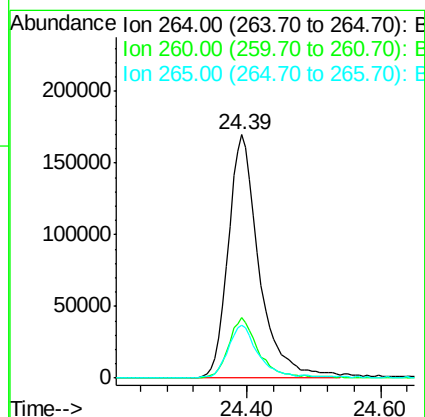
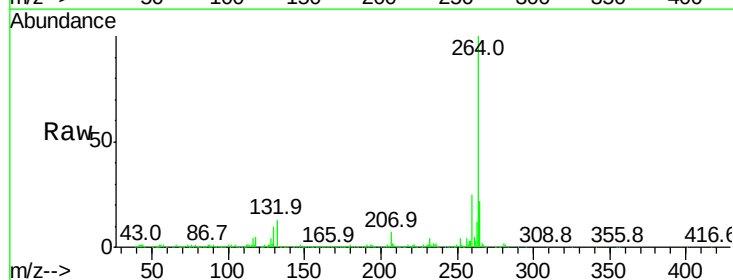
Instrument :
BNA_G
ClientSampleId :

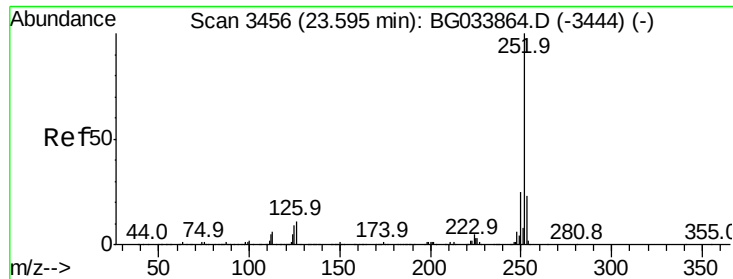
Tot Ion:276 Resp: 1558401
Ion Ratio Lower Upper
276 100
138 11.3 16.0 24.0#
277 25.2 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.39 min Scan# 3592
Delta R.T. -0.17 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

Tgt Ion:264 Resp: 549947
Ion Ratio Lower Upper
264 100
260 24.7 17.4 26.0
265 21.8 17.7 26.5

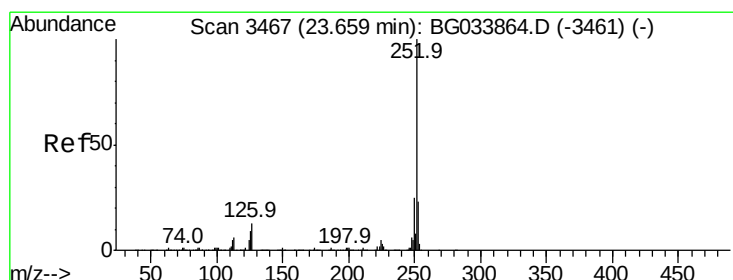
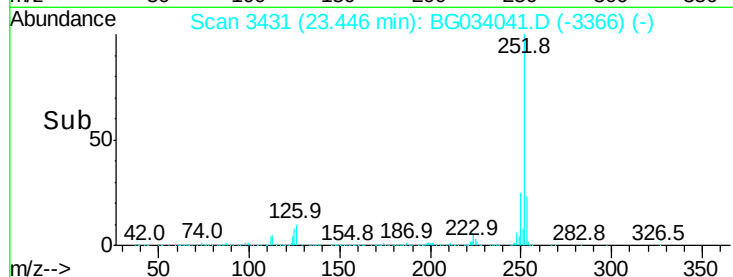
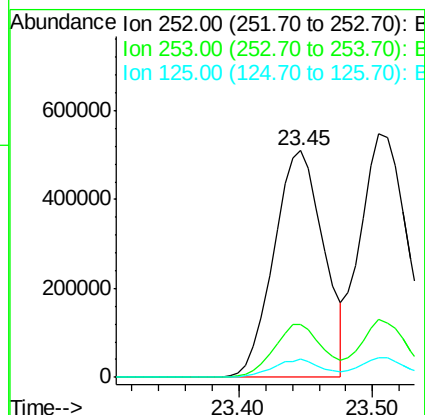
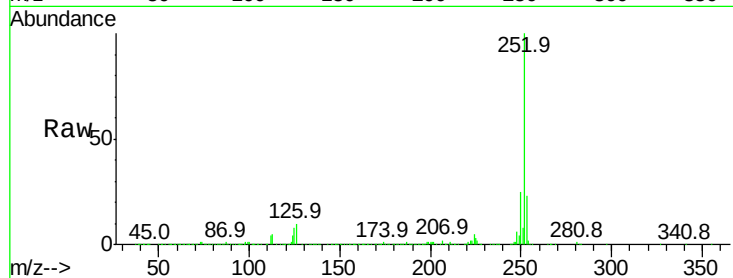




#87
Benzo(b)fluoranthene
Concen: 39.397 ng
RT: 23.45 min Scan# 3431
Delta R.T. -0.15 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

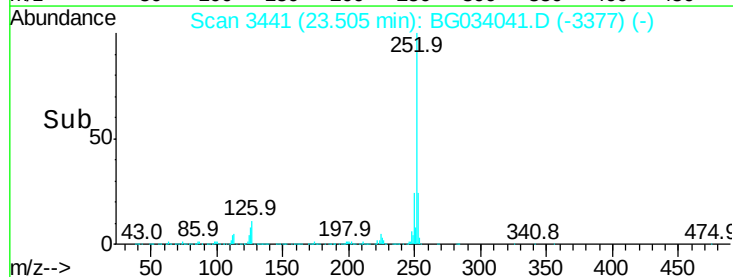
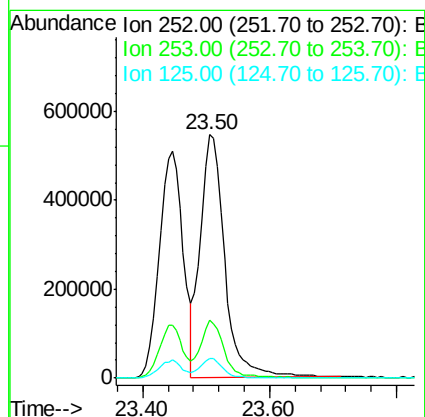
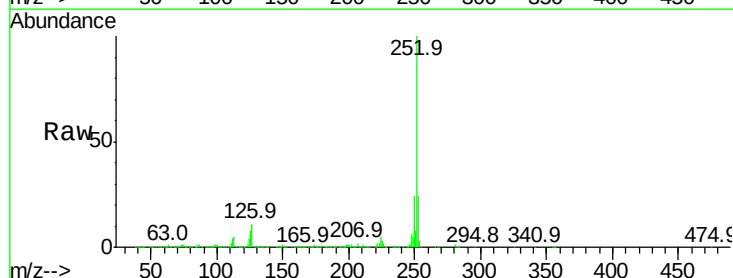
Instrument :
BNA_G
ClientSampleId :

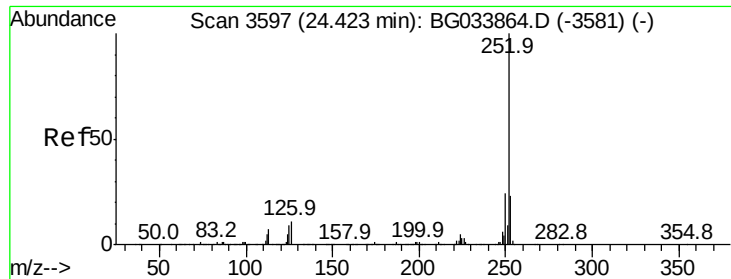
Tot Ion:252 Resp: 1321761
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 7.9 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 43.658 ng
RT: 23.50 min Scan# 3441
Delta R.T. -0.15 min
Lab File: BG034041.D
Acq: 27 Apr 2018 16:21

Tgt Ion:252 Resp: 1454936
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 8.0 6.6 9.8





#89

Benzo(a)pyrene

Concen: 42.188 ng

RT: 24.25 min Scan# 3568

Delta R.T. -0.17 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

Instrument :

BNA_G

ClientSampleId :

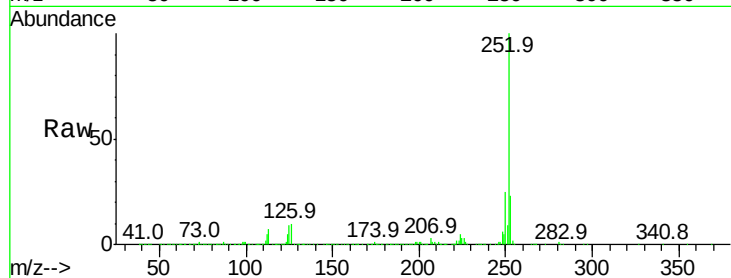
Tot Ion:252 Resp: 1355528

Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

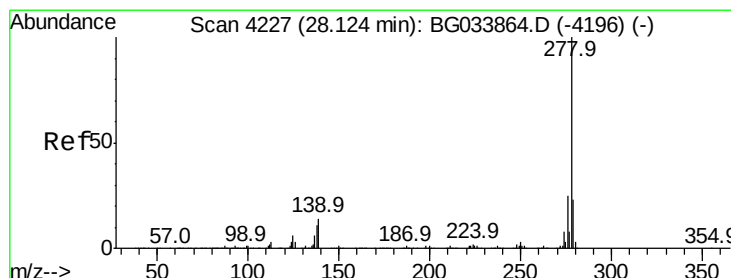
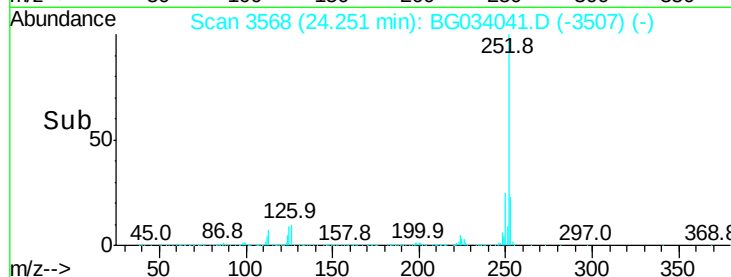
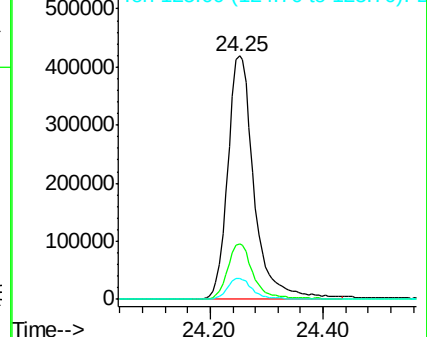
125 8.7 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.645 ng

RT: 27.84 min Scan# 4179

Delta R.T. -0.28 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

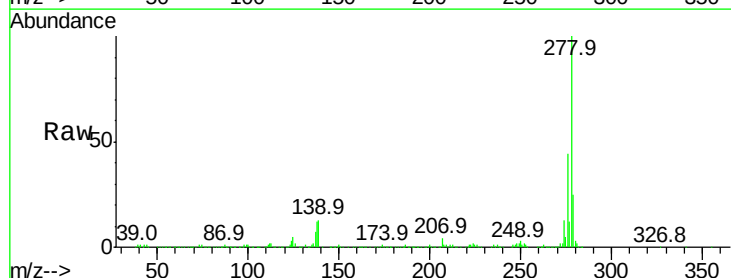
Tgt Ion:278 Resp: 1263670

Ion Ratio Lower Upper

278 100

139 13.0 9.8 14.6

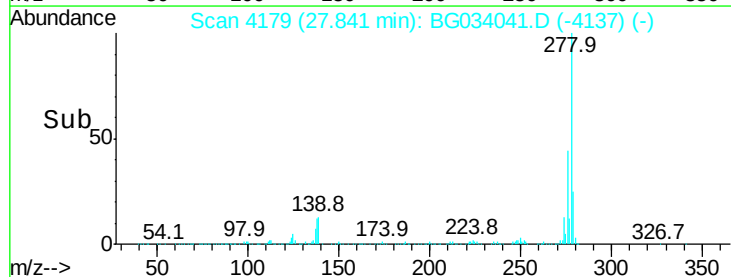
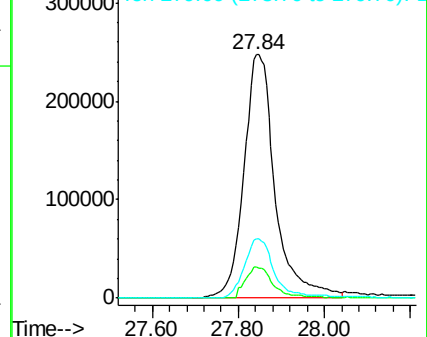
279 24.5 18.4 27.6

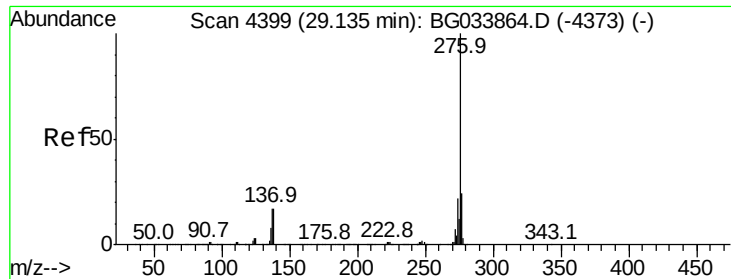


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.225 ng

RT: 28.83 min Scan# 4348

Delta R.T. -0.30 min

Lab File: BG034041.D

Acq: 27 Apr 2018 16:21

Instrument :

BNA_G

ClientSampleId :

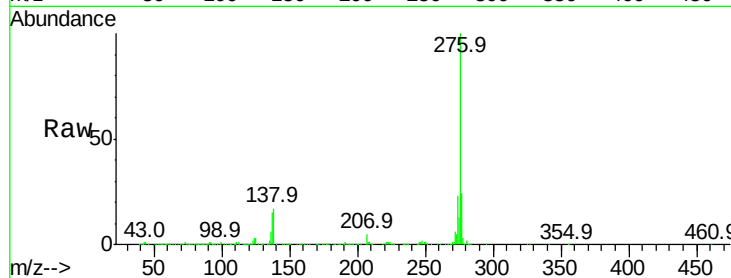
Tot Ion:276 Resp: 1291793

Ion Ratio Lower Upper

276 100

277 24.0 18.3 27.5

138 16.5 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

