

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034040.D
 Acq On : 27 Apr 2018 15:43
 Operator : SJ/JU
 Sample : J2154-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 28 00:28:42 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	10.53	136	229952	20.00	ng	-0.10
38) Acenaphthene-d10	14.39	164	175514	20.00	ng	-0.08
63) Phenanthrene-d10	17.14	188	479236	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	497610	20.00	ng	-0.10
86) Perylene-d12	24.39	264	512153	20.00	ng	-0.17

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	333690	0.00	ng	-0.08
7) Phenol-d6	6.95	99	417727	0.00	ng	-0.05
23) Nitrobenzene-d5	8.90	82	339198	83.95	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	324264	158.36	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1079124	90.32	ng	-0.09
78) Terphenyl-d14	19.78	244	2089561	94.34	ng	-0.08

Target Compounds

						Qvalue
22) Acetophenone	8.58	105	194181	31.026	ng	95
24) Nitrobenzene	8.95	77	143645	32.624	ng	93
25) Isophorone	9.46	82	330058	36.332	ng	# 93
26) 2-Nitrophenol	9.66	139	60089	34.538	ng	89
27) 2,4-Dimethylphenol	9.73	122	112592	34.599	ng	95
28) bis(2-Chloroethoxy)methane	9.96	93	174678	36.382	ng	96
29) 2,4-Dichlorophenol	10.21	162	127858	35.246	ng	88
30) 1,2,4-Trichlorobenzene	10.40	180	155565	38.288	ng	99
31) Naphthalene	10.58	128	445660	37.688	ng	98
32) Benzoic acid	9.73	122	112592	36.122	ng	# 8
33) 4-Chloroaniline	10.76	127	12059	2.170	ng	# 91
34) Hexachlorobutadiene	10.87	225	101546	41.778	ng	96
35) Caprolactam	11.48	113	12620	8.183	ng	# 71
36) 4-Chloro-3-methylphenol	11.85	107	144613	32.662	ng	86
37) 2-Methylnaphthalene	12.20	142	351933	38.872	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.57	216	221968	38.086	ng	97
40) Hexachlorocyclopentadiene	12.55	237	221395	69.087	ng	90
42) 2,4,6-Trichlorophenol	12.83	196	125125	35.213	ng	97
43) 2,4,5-Trichlorophenol	12.91	196	136355	33.378	ng	96
45) 1,1'-Biphenyl	13.22	154	517939	36.455	ng	99
46) 2-Chloronaphthalene	13.26	162	390520	36.250	ng	96
47) 2-Nitroaniline	13.49	65	105393	31.333	ng	# 87
48) Acenaphthylene	14.11	152	652229	36.423	ng	98
49) Dimethylphthalate	13.86	163	589836	38.204	ng	99
50) 2,6-Dinitrotoluene	13.97	165	126043	43.079	ng	# 82
51) Acenaphthene	14.46	154	398492	35.424	ng	99
52) 3-Nitroaniline	14.35	138	16910	5.323	ng	# 83
53) 2,4-Dinitrophenol	14.54	184	29019	27.733	ng	# 67
54) Dibenzofuran	14.79	168	659672	39.554	ng	95
55) 4-Nitrophenol	14.67	139	77566	31.130	ng	88
56) 2,4-Dinitrotoluene	14.77	165	174006	44.723	ng	# 80
57) Fluorene	15.44	166	579229	40.135	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.03	232	172573	46.137	ng	91
59) Diethylphthalate	15.23	149	625961	38.357	ng	98

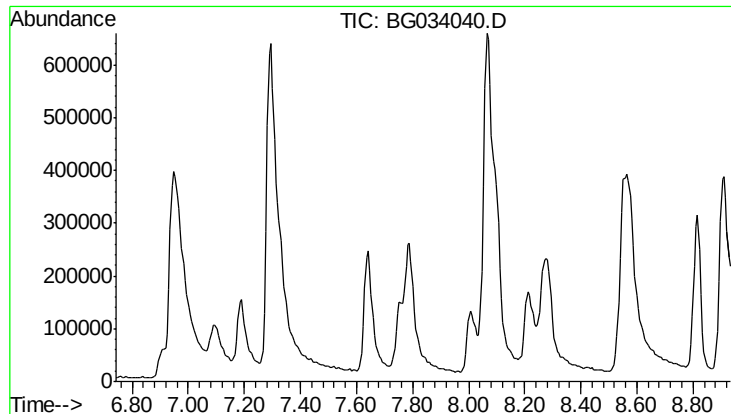
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034040.D
 Acq On : 27 Apr 2018 15:43
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Chlorophenyl-phenylether	15.44	204	312071	41.341	nq	94
61) 4-Nitroaniline	15.51	138	90270	26.761	nq	90
62) Azobenzene	15.74	77	486382	33.435	nq	95
64) 4,6-Dinitro-2-methylphenol	15.54	198	50725	25.499	nq	81
65) n-Nitrosodiphenylamine	15.66	169	516942	37.102	nq	98
66) 4-Bromophenyl-phenylether	16.34	248	201791	38.341	nq	98
67) Hexachlorobenzene	16.44	284	219383	39.087	nq	# 72
68) Atrazine	16.62	200	219286	40.175	nq	97
69) Pentachlorophenol	16.80	266	211848	54.949	nq	# 59
70) Phenanthrene	17.19	178	936649	36.432	nq	98
71) Anthracene	17.28	178	1046066	40.687	nq	98
72) Carbazole	17.56	167	889635	35.867	nq	98
73) Di-n-butylphthalate	18.12	149	1106369	35.855	nq	99
74) Fluoranthene	19.20	202	1225237	39.398	nq	97
76) Benzidine	19.43	184	160993	11.981	nq	97
77) Pyrene	19.57	202	1221397	37.422	nq	95
79) Butylbenzylphthalate	20.48	149	511768	35.705	nq	89
80) Benzo(a)anthracene	21.37	228	1168022	37.224	nq	98
81) 3,3'-Dichlorobenzidine	21.31	252	165298	14.128	nq	95
82) Chrysene	21.44	228	1186104	39.585	nq	98
83) Bis(2-ethylhexyl)phthalate	21.31	149	719560	35.548	nq	97
84) Di-n-octyl phthalate	22.45	149	1224737	38.119	nq	95
85) Indeno(1,2,3-cd)pyrene	27.79	276	1314209	38.531	nq	99
87) Benzo(b)fluoranthene	23.45	252	1143509	36.599	nq	98
88) Benzo(k)fluoranthene	23.50	252	1264675	40.749	nq	99
89) Benzo(a)pyrene	24.25	252	1174349	39.246	nq	99
90) Dibenzo(a,h)anthracene	27.85	278	1089211	37.619	nq	96
91) Benzo(a,h,i)perylene	28.83	276	1107357	38.868	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 7.84 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

ClientSampleId :

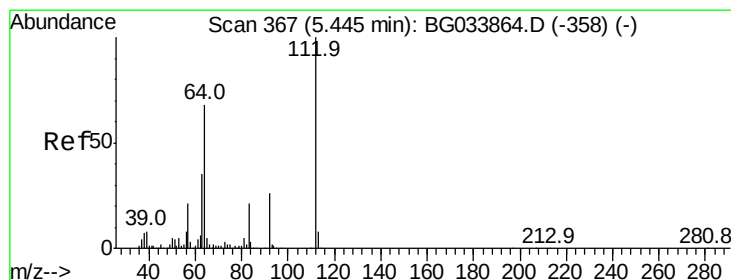
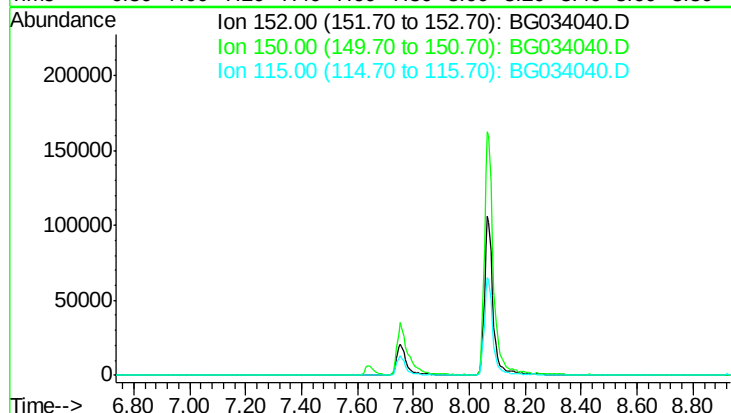
Tot Ion: 152

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: BG034040.D

Acq: 27 Apr 2018 15:43

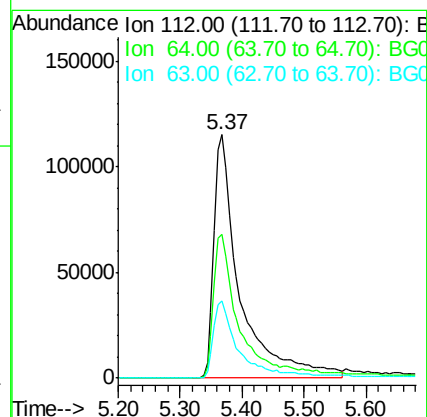
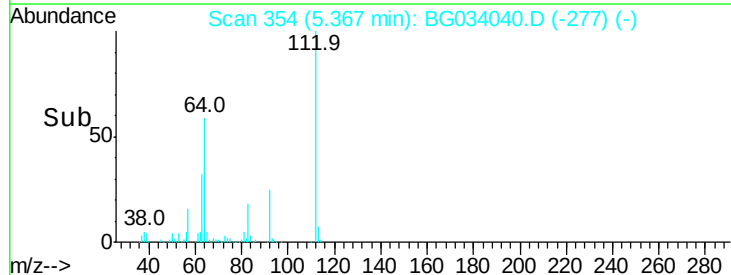
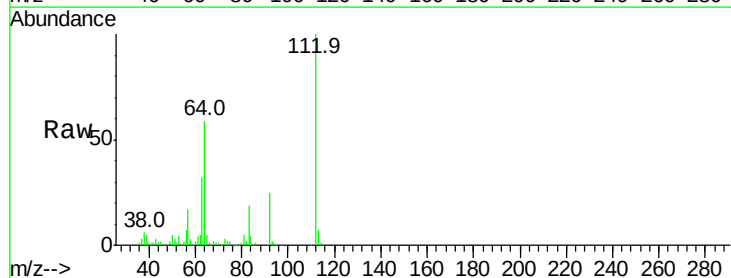
Tgt Ion:112 Resp: 333690

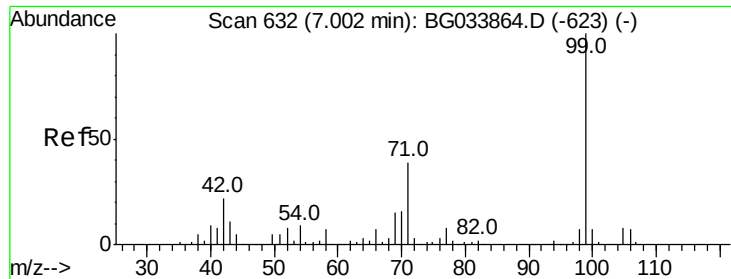
Ion Ratio Lower Upper

112 100

64 59.1 56.3 84.5

63 31.7 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: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

ClientSampleId :

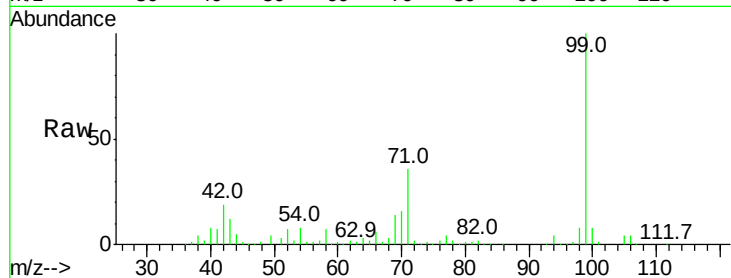
Tot Ion: 99 Resp: 417727

Ion Ratio Lower Upper

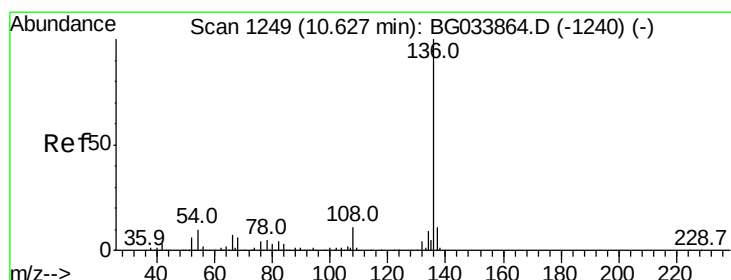
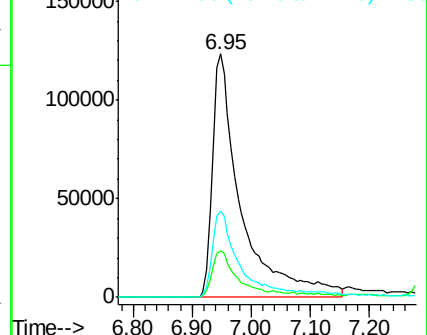
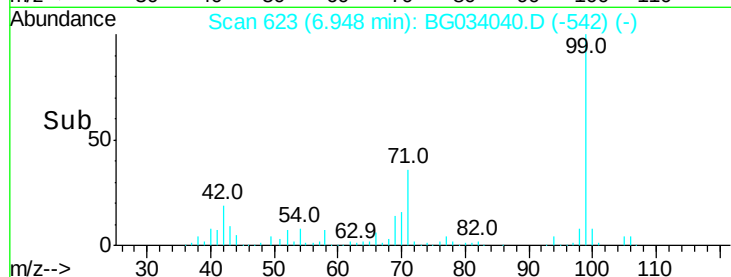
99 100

42 19.1 14.1 21.1

71 35.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.53 min Scan# 1233

Delta R.T. -0.10 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Tgt Ion: 136 Resp: 229952

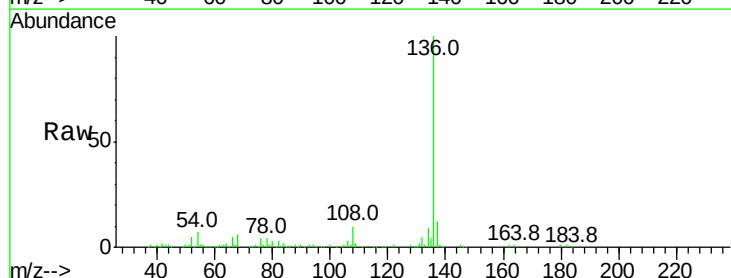
Ion Ratio Lower Upper

136 100

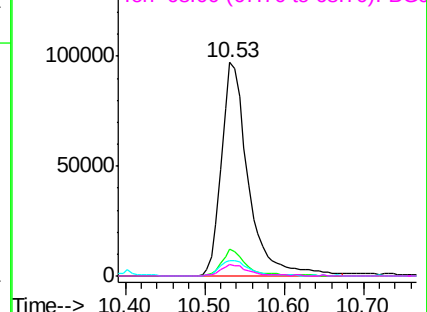
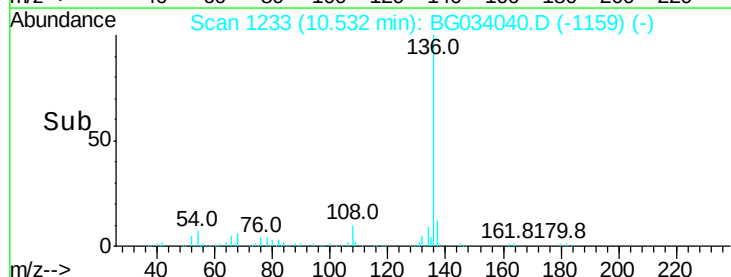
137 12.4 9.2 13.8

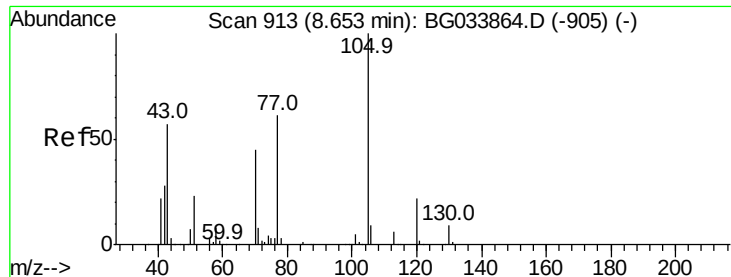
54 7.5 10.3 15.5#

68 5.6 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





#22

Acetophenone

Concen: 31.026 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

ClientSampled :

Tot Ion:105 Resp: 194181

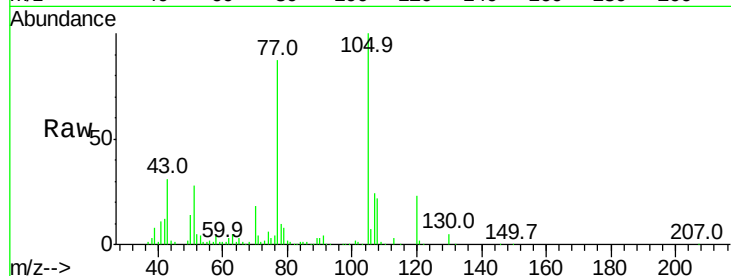
Ion Ratio Lower Upper

105 100

71 3.8 3.0 4.4

51 27.9 26.1 39.1

120 22.5 17.4 26.2

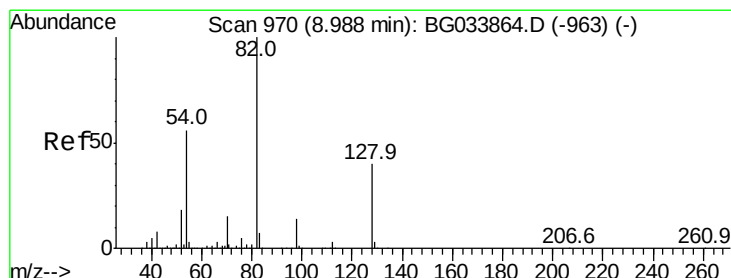
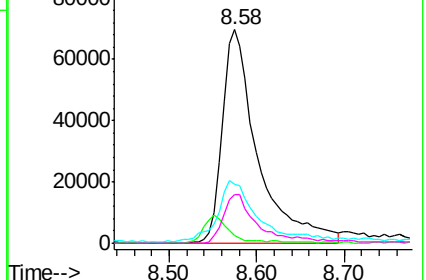
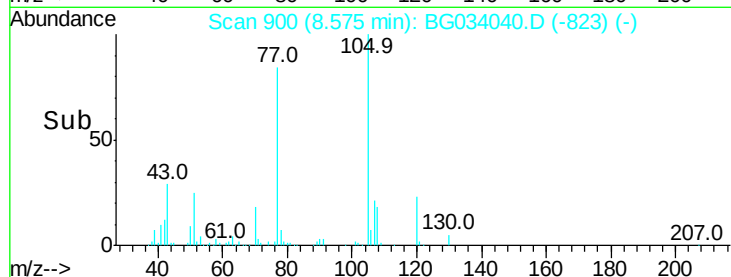


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 83.946 ng

RT: 8.90 min Scan# 956

Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

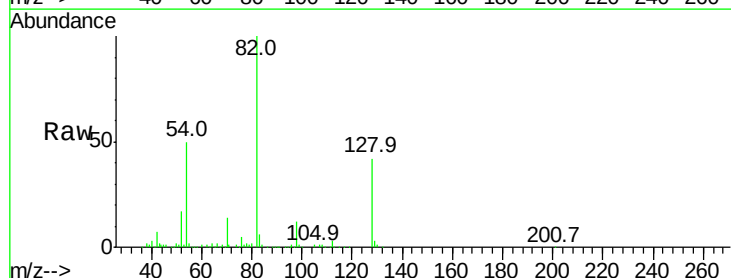
Tgt Ion: 82 Resp: 339198

Ion Ratio Lower Upper

82 100

128 42.1 29.7 44.5

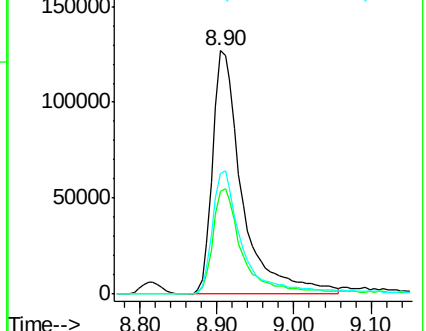
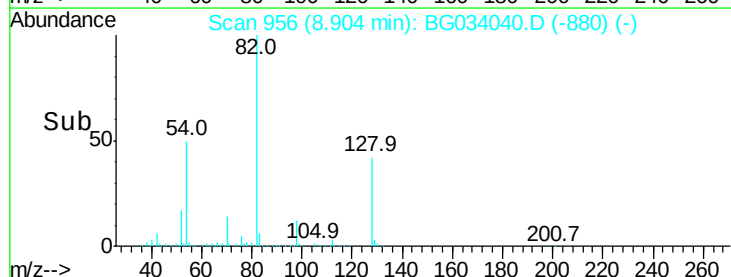
54 49.6 43.1 64.7

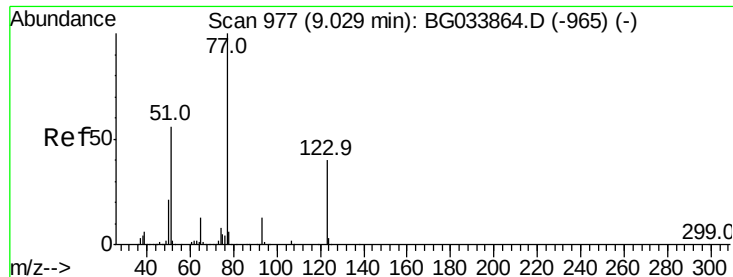


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

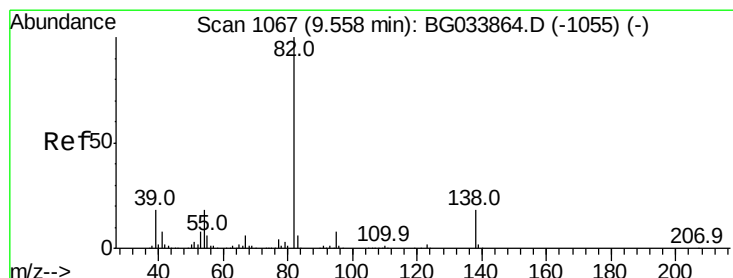
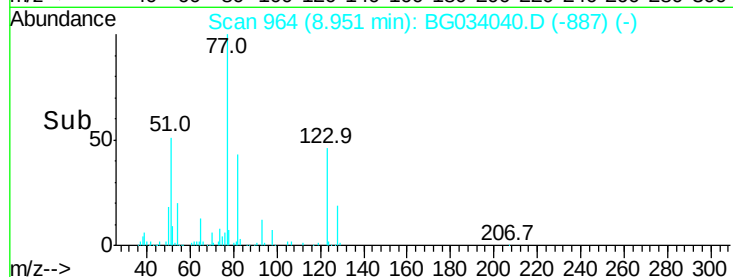
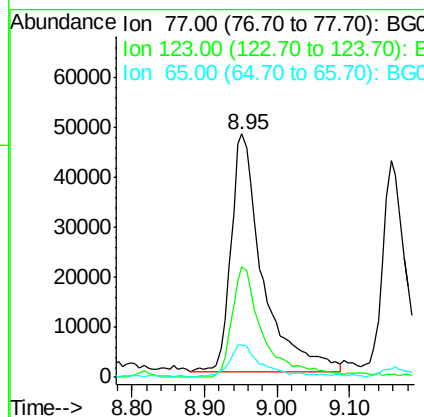
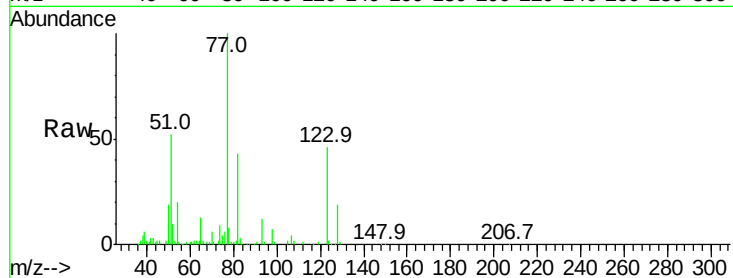




#24
 Nitrobenzene
 Concen: 32.624 ng
 RT: 8.95 min Scan# 964
 Delta R.T. -0.08 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

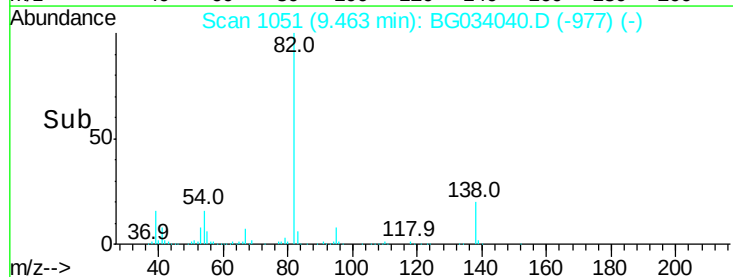
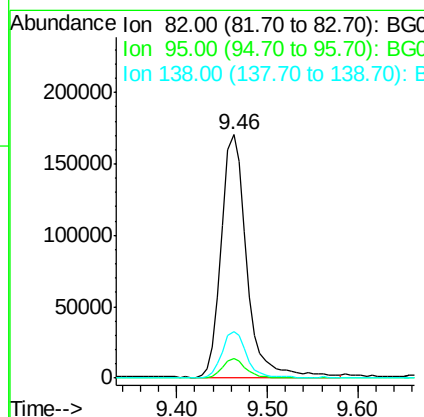
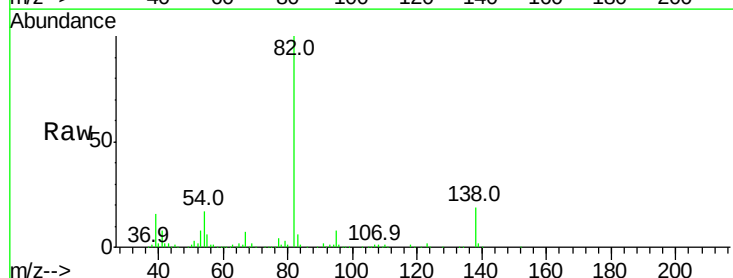
Instrument :
 BNA_G
 ClientSampleId :

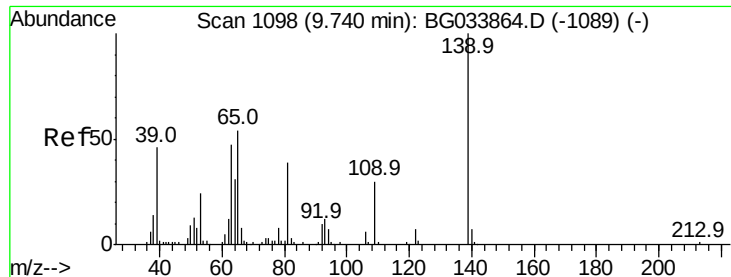
Tot Ion	Ratio	Lower	Upper
77	100		
123	45.6	33.0	49.6
65	13.4	13.0	19.6



#25
 Isophorone
 Concen: 36.332 ng
 RT: 9.46 min Scan# 1051
 Delta R.T. -0.10 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.2	9.2
138	19.2	12.1	18.1#

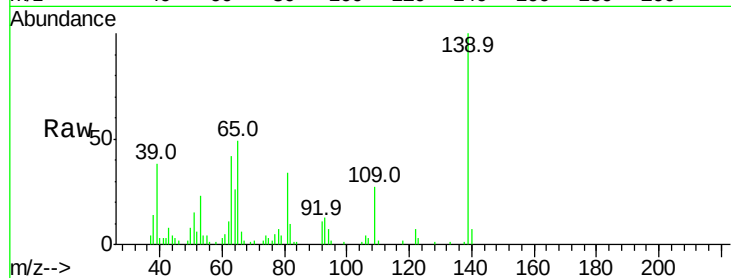




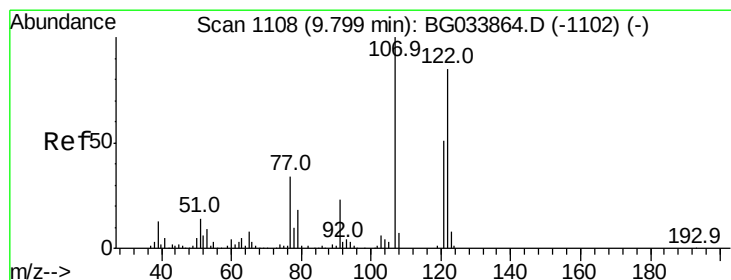
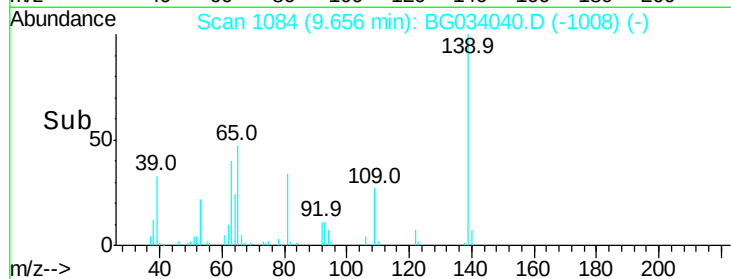
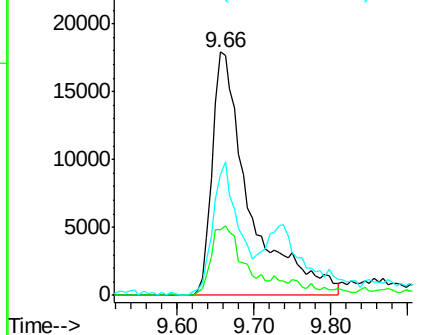
#26
2-Nitrophenol
Concen: 34.538 ng
RT: 9.66 min Scan# 1084
Delta R.T. -0.08 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	26.7	24.2	36.2
65	49.5	47.4	71.0

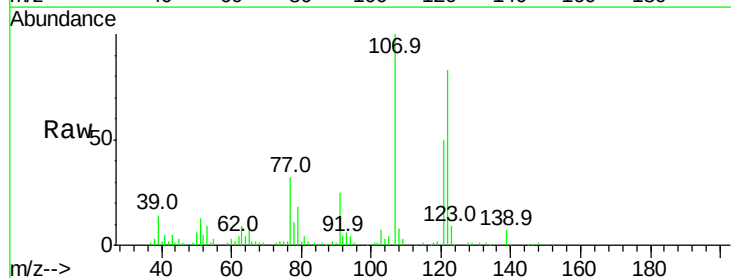


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

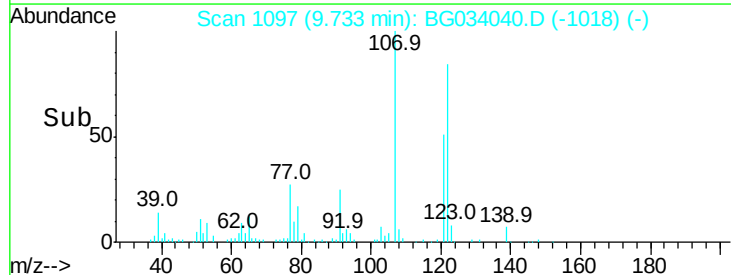
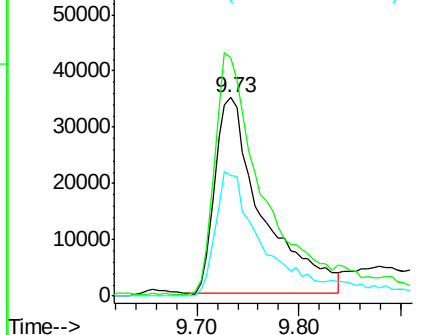


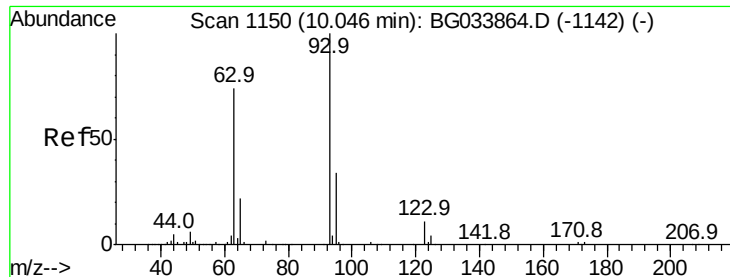
#27
2,4-Dimethylphenol
Concen: 34.599 ng
RT: 9.73 min Scan# 1097
Delta R.T. -0.07 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.2	100.2	150.2
121	60.7	44.4	66.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

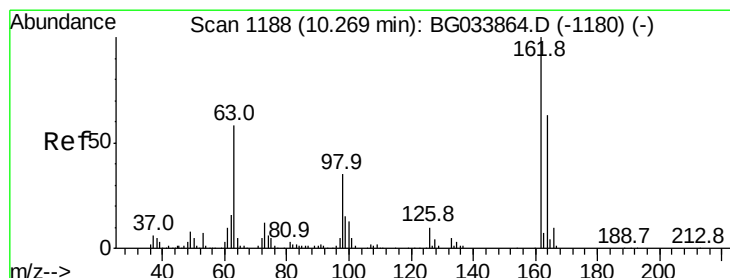
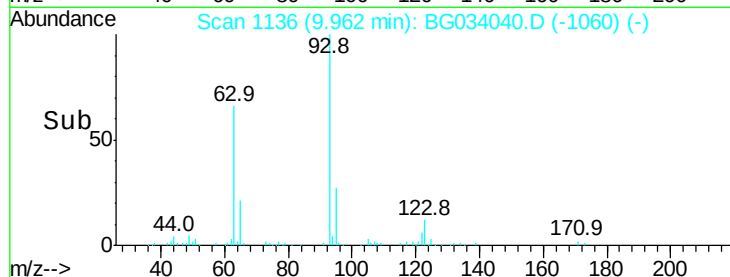
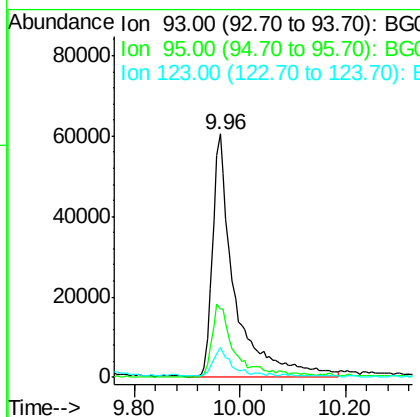
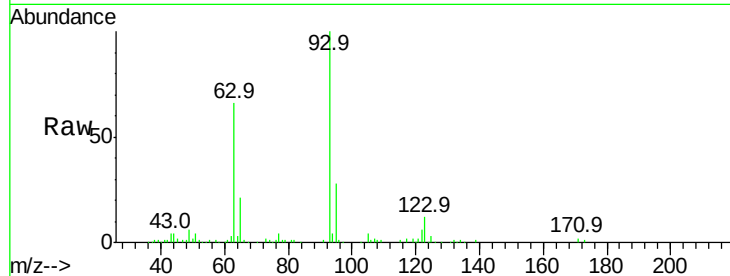




#28
 bis(2-Chloroethoxy)methane
 Concen: 36.382 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.08 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

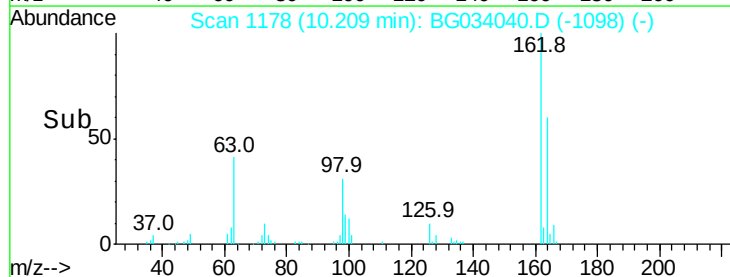
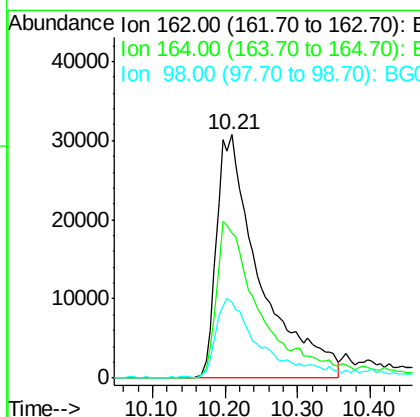
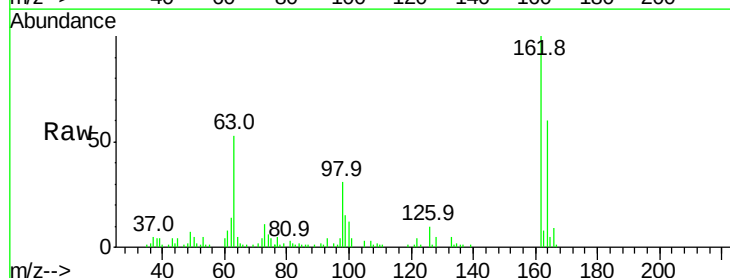
Instrument :
 BNA_G
 ClientSampleId :

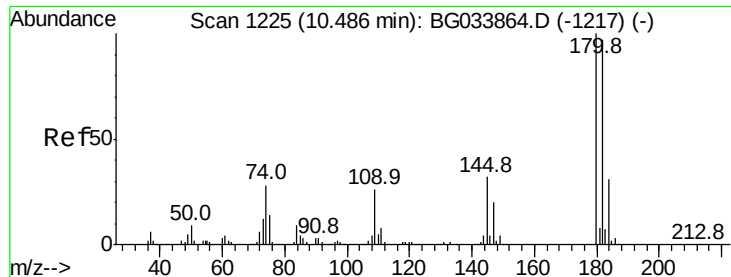
Tot Ion: 93 Resp: 174678
 Ion Ratio Lower Upper
 93 100
 95 28.2 24.3 36.5
 123 12.4 8.4 12.6



#29
 2,4-Dichlorophenol
 Concen: 35.246 ng
 RT: 10.21 min Scan# 1178
 Delta R.T. -0.06 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Tgt Ion:162 Resp: 127858
 Ion Ratio Lower Upper
 162 100
 164 59.6 48.0 88.0
 98 31.3 21.1 61.1

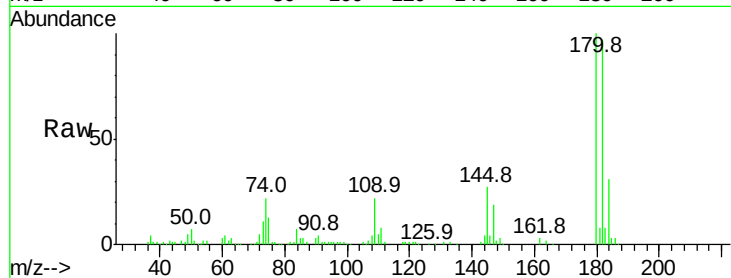




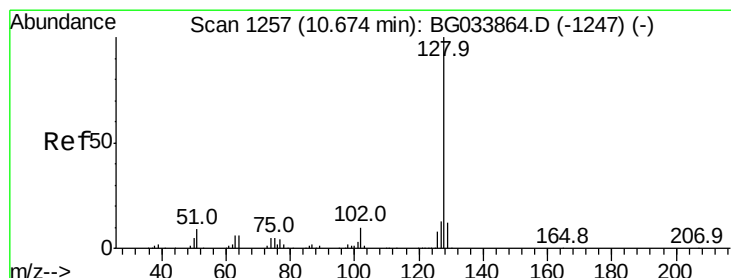
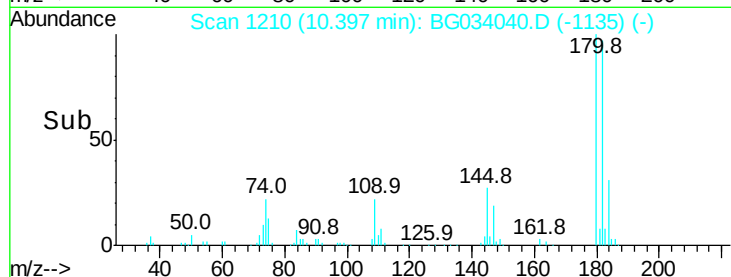
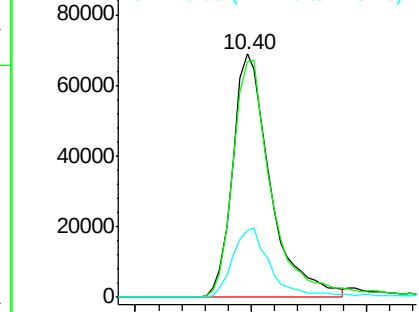
#30
 1,2,4-Trichlorobenzene
 Concen: 38.288 ng
 RT: 10.40 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:180 Resp: 155565
 Ion Ratio Lower Upper
 180 100
 182 96.9 77.5 116.3
 145 27.3 23.4 35.2

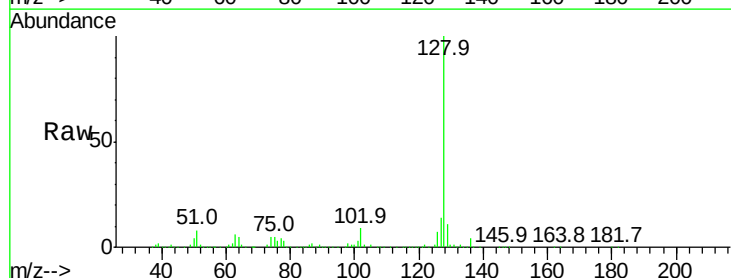


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

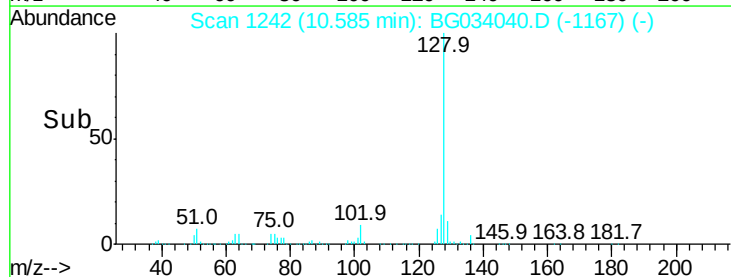
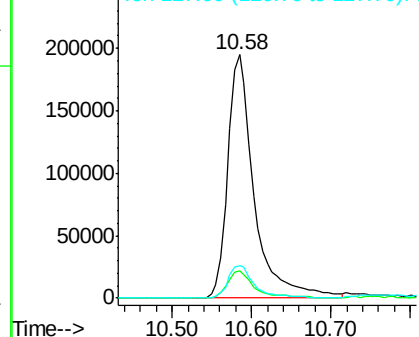


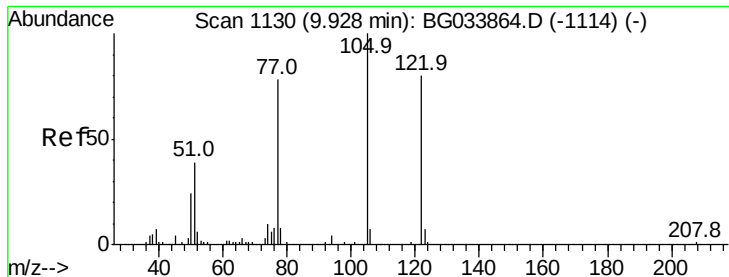
#31
 Naphthalene
 Concen: 37.688 ng
 RT: 10.58 min Scan# 1242
 Delta R.T. -0.09 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Tgt Ion:128 Resp: 445660
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.6 12.8
 127 13.6 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: 36.122 ng

RT: 9.73 min Scan# 1097

Delta R.T. -0.20 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

ClientSampleId :

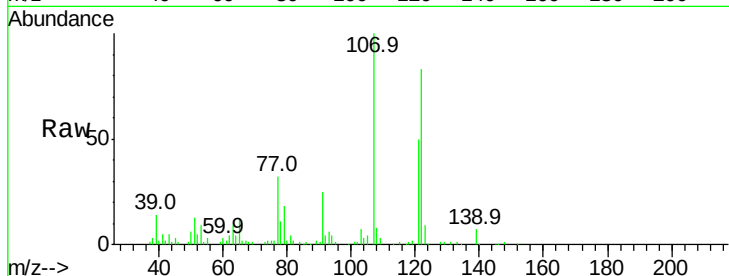
Tot Ion:122 Resp: 112592

Ion Ratio Lower Upper

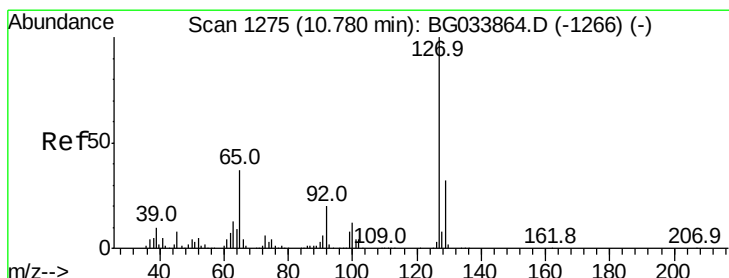
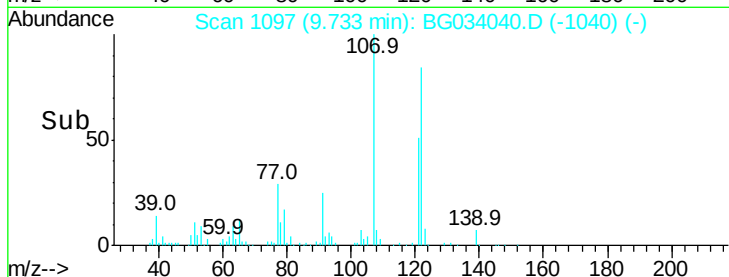
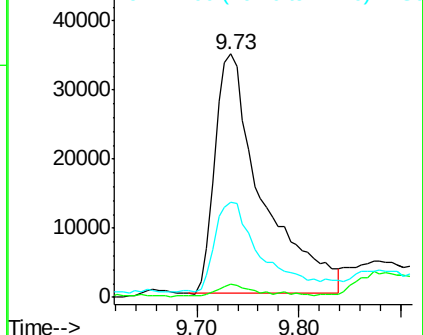
122 100

105 5.2 123.5 163.5#

77 38.9 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



#33

4-Chloroaniline

Concen: 2.170 ng

RT: 10.76 min Scan# 1271

Delta R.T. -0.03 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Tgt Ion:127 Resp: 12059

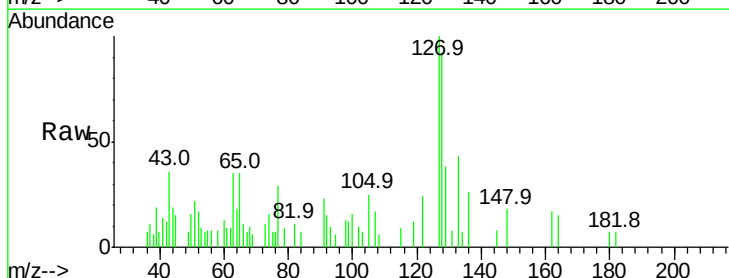
Ion Ratio Lower Upper

127 100

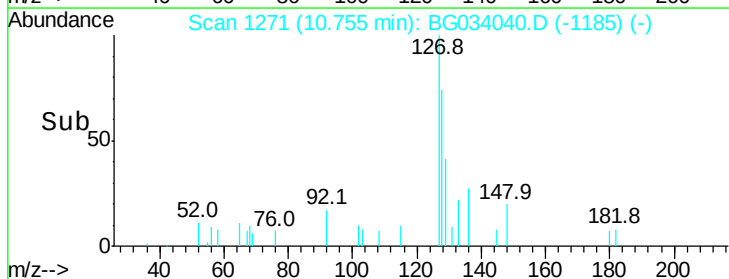
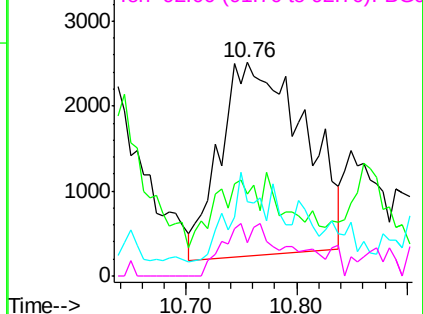
129 38.1 24.0 36.0#

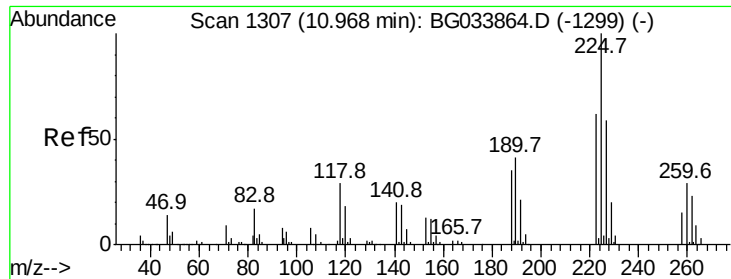
65 34.8 27.0 40.4

92 15.5 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: 41.778 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.10 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

ClientSampleId :

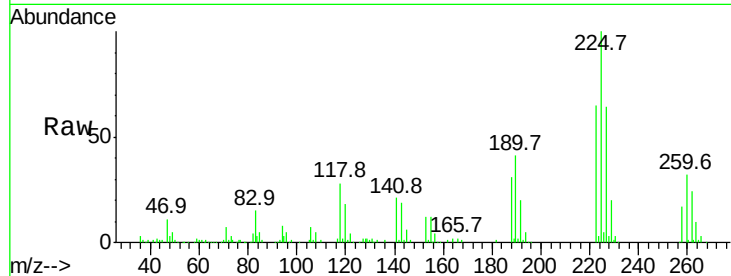
Tot Ion:225 Resp: 101546

Ion Ratio Lower Upper

225 100

223 65.4 49.7 74.5

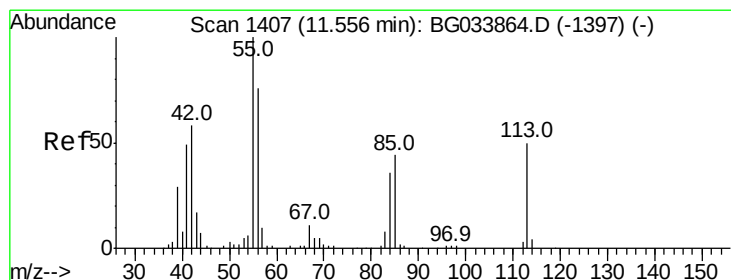
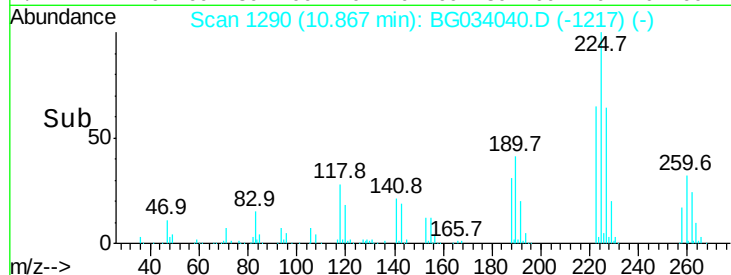
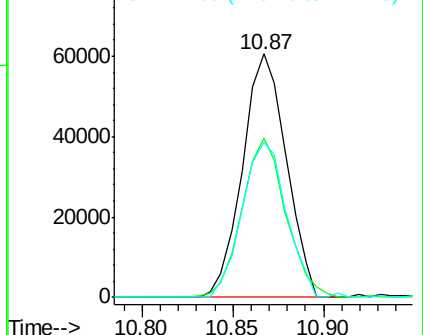
227 63.6 48.1 72.1



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: 8.183 ng

RT: 11.48 min Scan# 1394

Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

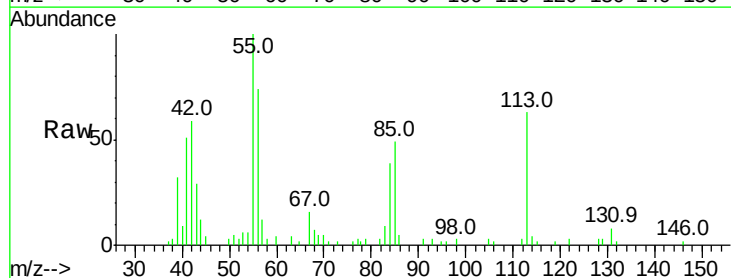
Tgt Ion:113 Resp: 12620

Ion Ratio Lower Upper

113 100

55 158.7 186.9 226.9#

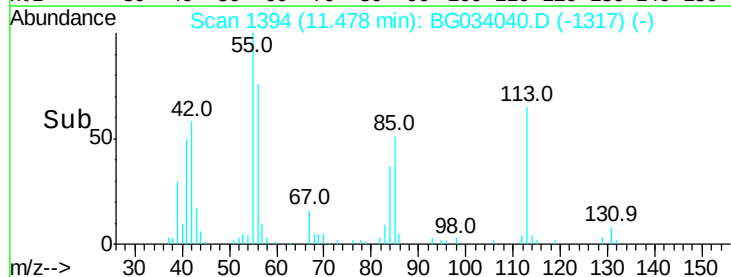
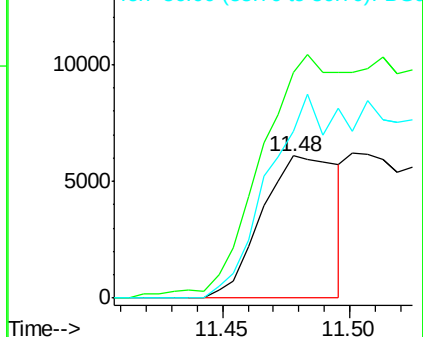
56 117.4 130.9 170.9#

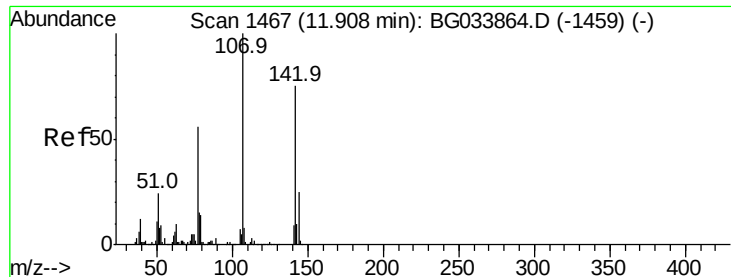


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

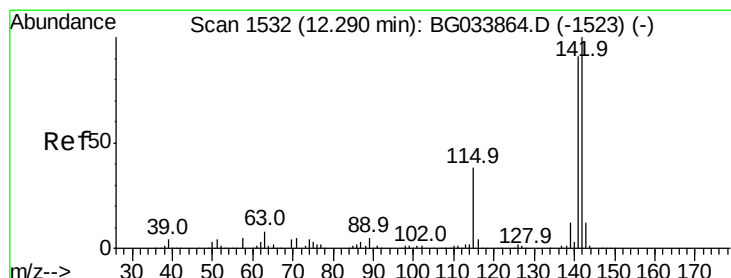
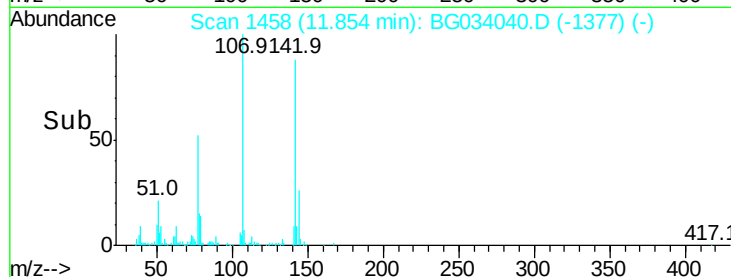
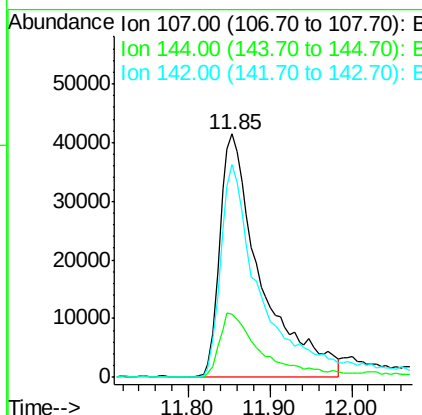
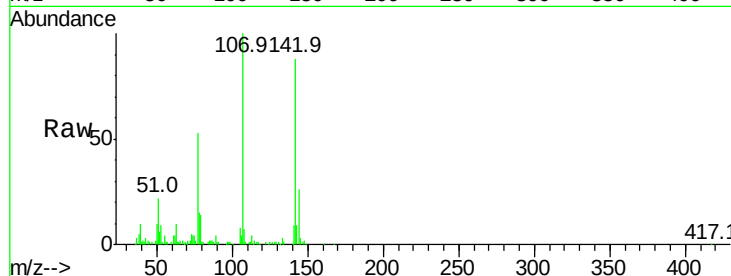




#36
4-Chloro-3-methylphenol
Concen: 32.662 ng
RT: 11.85 min Scan# 1458
Delta R.T. -0.05 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

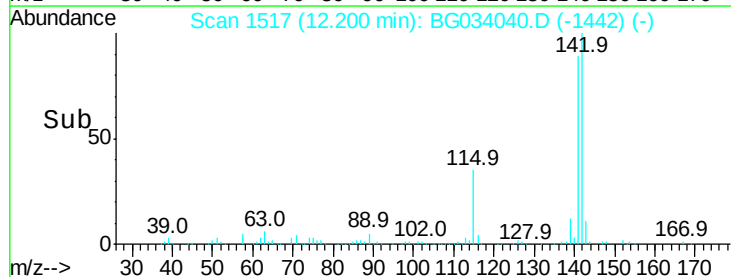
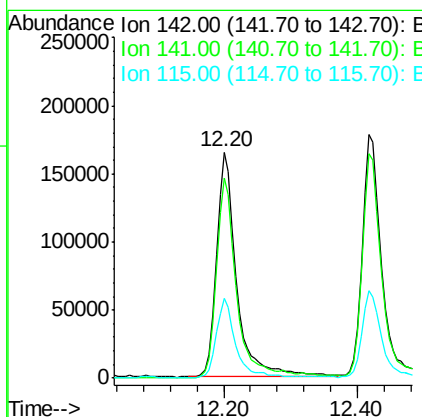
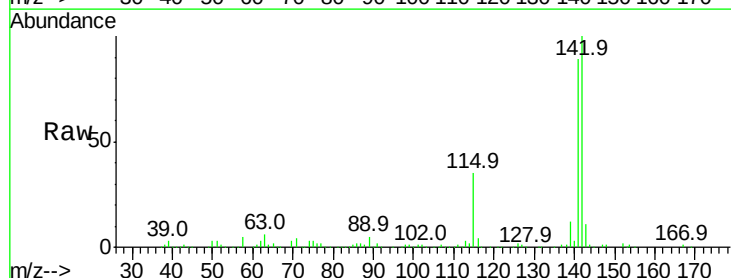
Instrument :
BNA_G
ClientSampled :

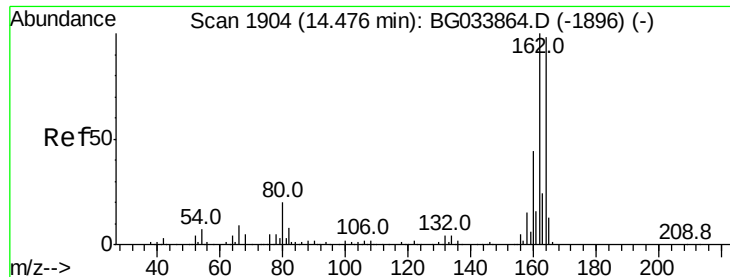
Tot Ion:107 Resp: 144613
Ion Ratio Lower Upper
107 100
144 25.7 18.2 27.4
142 87.7 59.0 88.4



#37
2-Methylnaphthalene
Concen: 38.872 ng
RT: 12.20 min Scan# 1517
Delta R.T. -0.09 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion:142 Resp: 351933
Ion Ratio Lower Upper
142 100
141 88.6 67.1 100.7
115 35.4 30.7 46.1

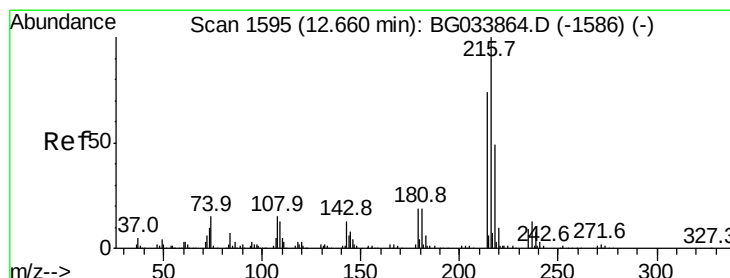
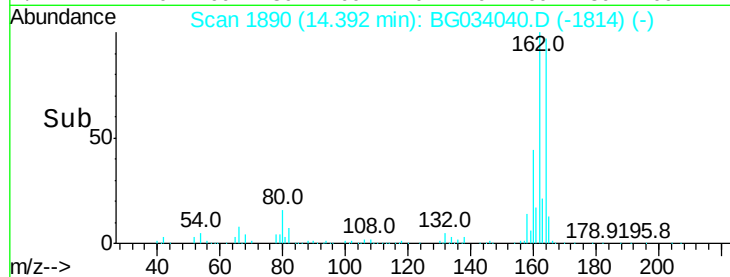
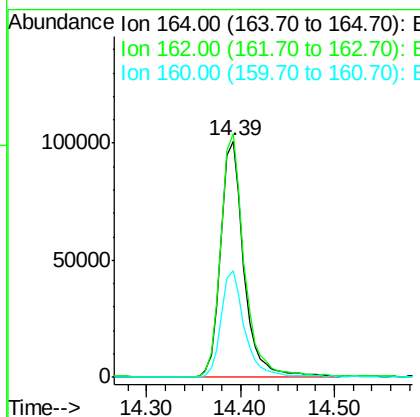
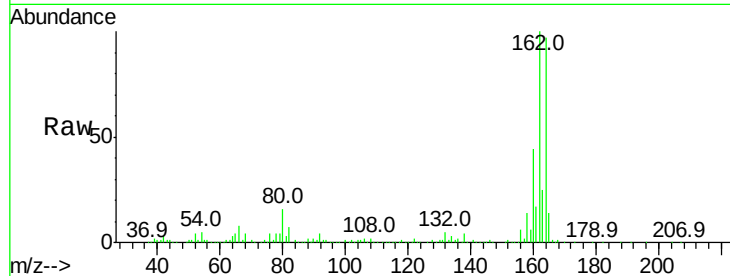




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.39 min Scan# 1890
 Delta R.T. -0.08 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

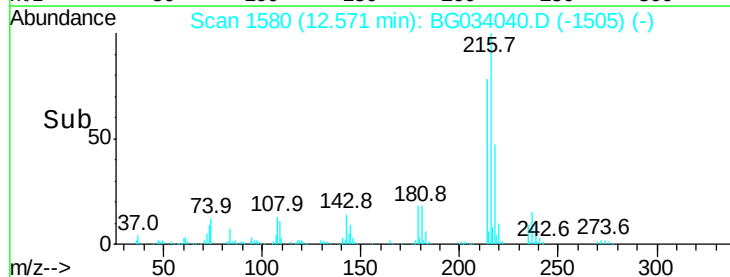
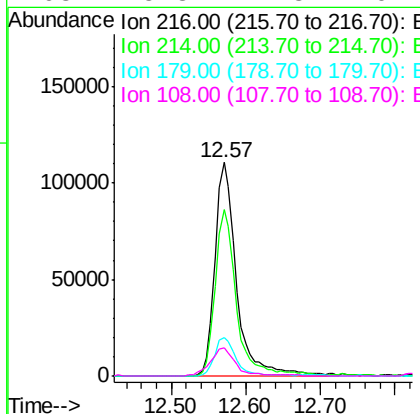
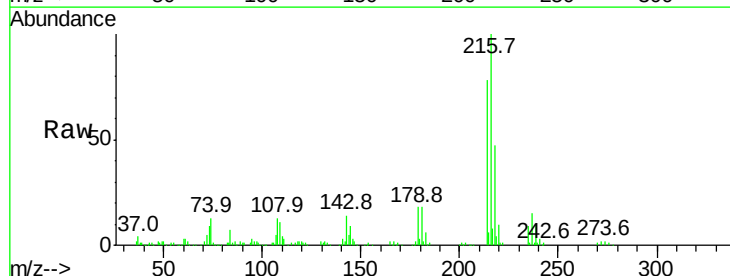
Instrument :
 BNA_G
 ClientSampleId :

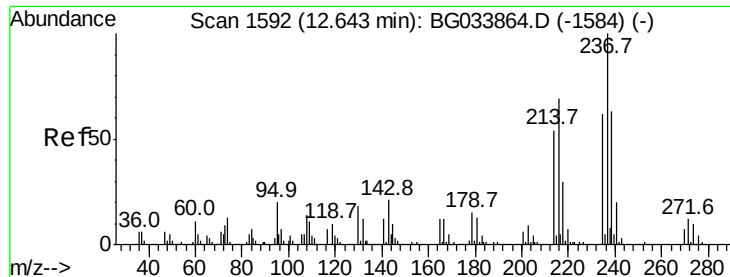
Tot Ion:164 Resp: 175514
 Ion Ratio Lower Upper
 164 100
 162 103.1 78.8 118.2
 160 44.9 35.4 53.0



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.086 ng
 RT: 12.57 min Scan# 1580
 Delta R.T. -0.09 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Tgt Ion:216 Resp: 221968
 Ion Ratio Lower Upper
 216 100
 214 76.7 63.0 94.4
 179 18.2 17.0 25.6
 108 15.3 12.8 19.2

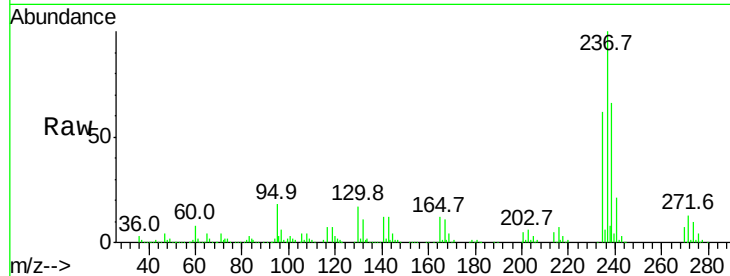




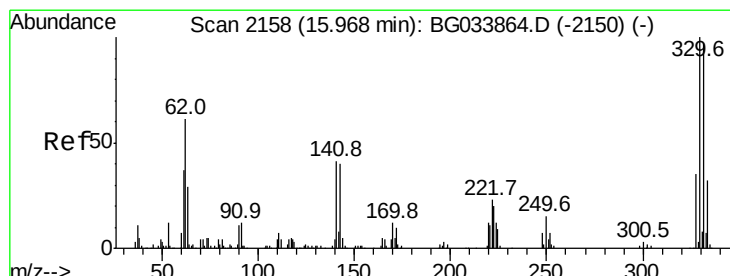
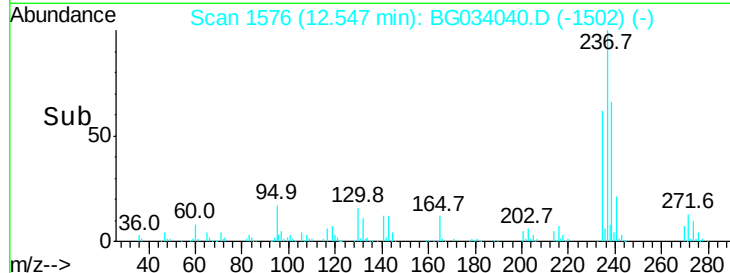
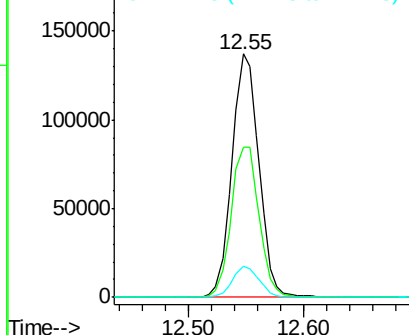
#40
Hexachlorocyclopentadiene
Concen: 69.087 ng
RT: 12.55 min Scan# 1576
Delta R.T. -0.10 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.5	50.4	90.4
272	12.9	0.0	31.8

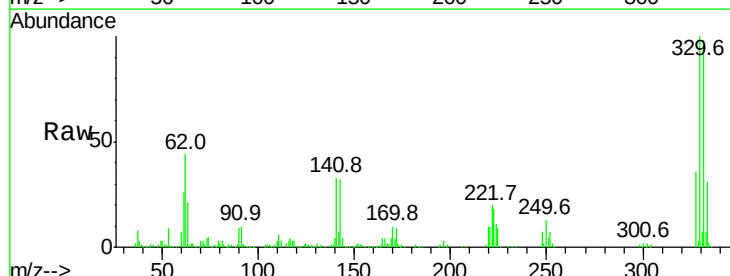


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

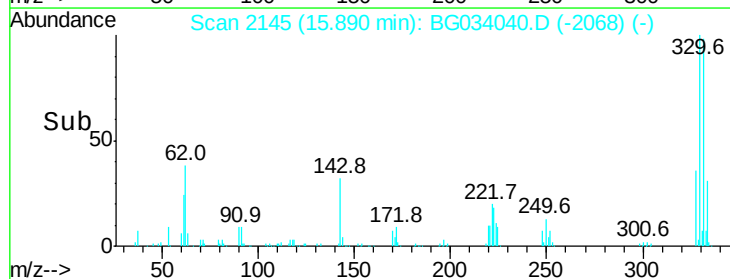
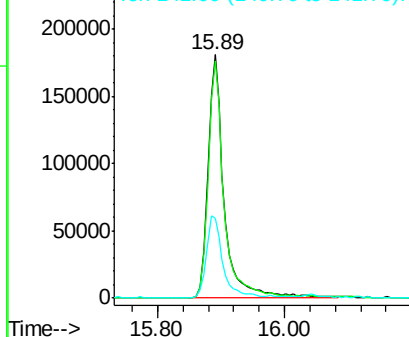


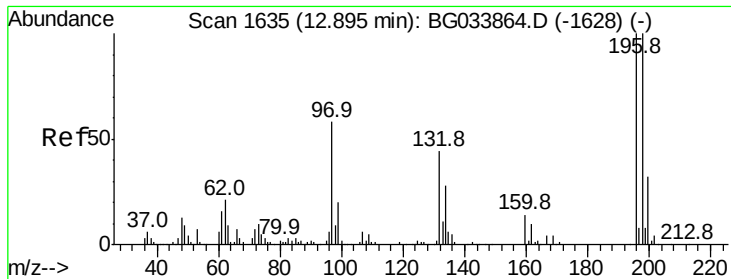
#41
2,4,6-Tribromophenol
Concen: 158.359 ng
RT: 15.89 min Scan# 2145
Delta R.T. -0.08 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	34.1	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: 35.213 ng

RT: 12.83 min Scan# 1624

Delta R.T. -0.07 min

Lab File: BG034040.D

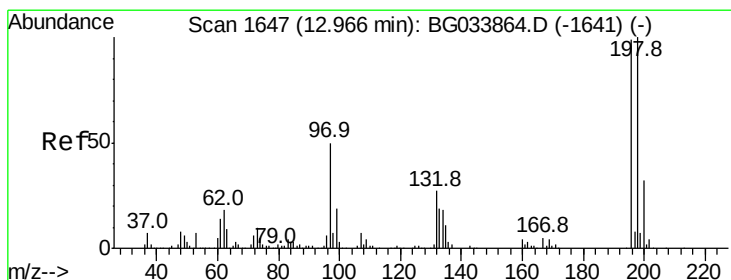
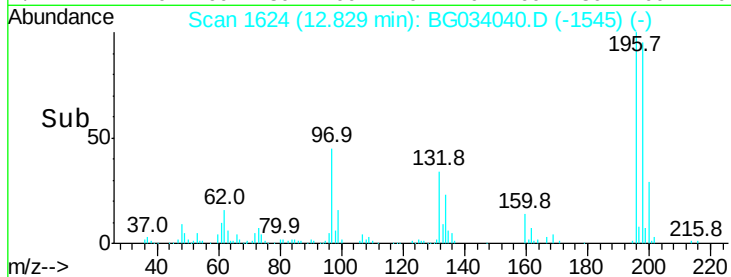
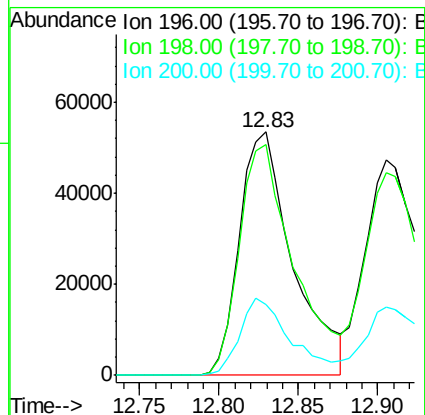
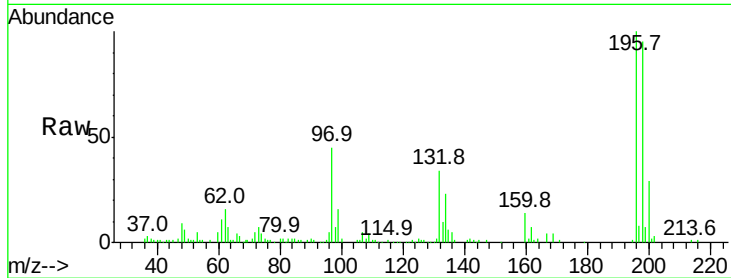
Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	196	Resp:	125125
Ion	Ratio	Lower	Upper
196	100		
198	101.6	78.2	117.2
200	31.0	24.6	36.8



#43

2,4,5-Trichlorophenol

Concen: 33.378 ng

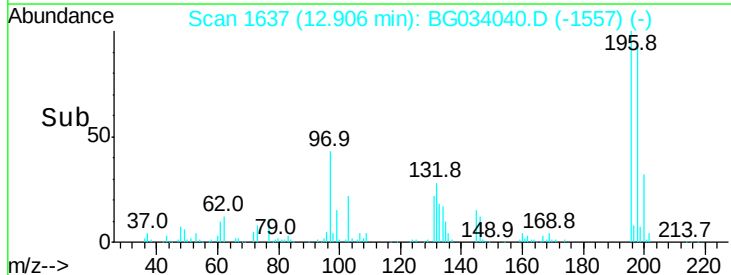
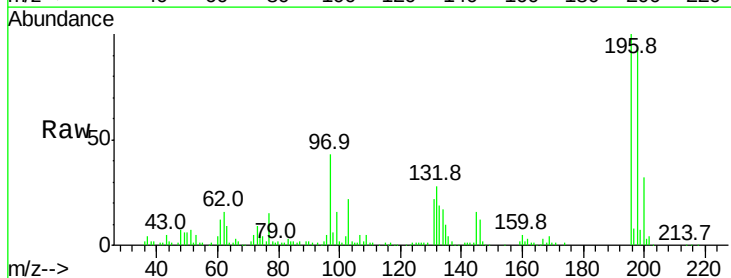
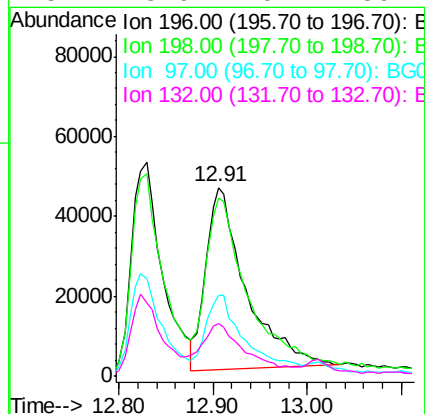
RT: 12.91 min Scan# 1637

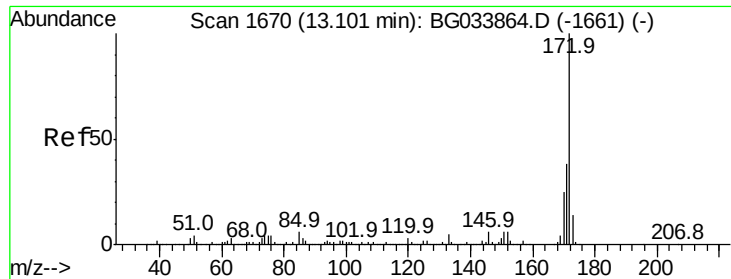
Delta R.T. -0.06 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Tgt Ion:	196	Resp:	136355
Ion	Ratio	Lower	Upper
196	100		
198	94.2	76.2	114.4
97	39.8	38.7	58.1
132	25.9	20.2	30.2

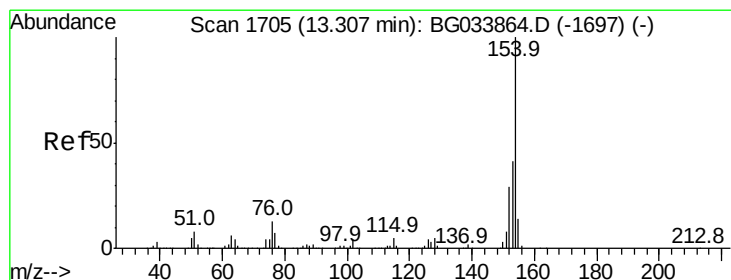
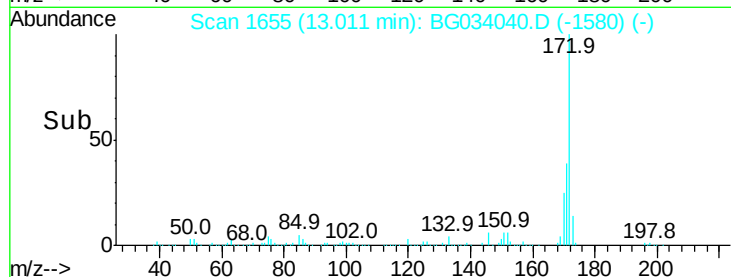
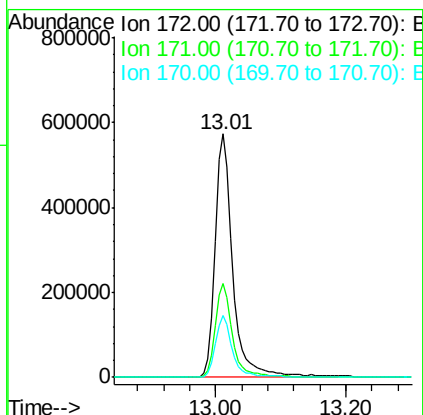
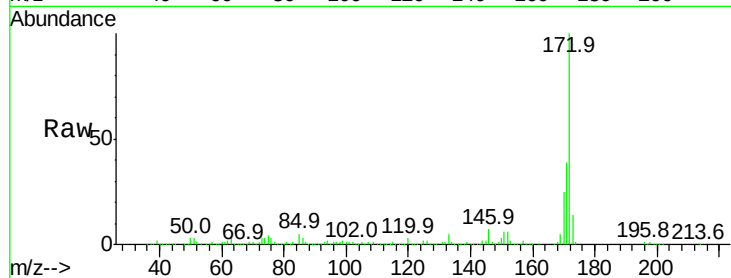




#44
2-Fluorobiphenyl
Concen: 90.321 ng
RT: 13.01 min Scan# 1655
Delta R.T. -0.09 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

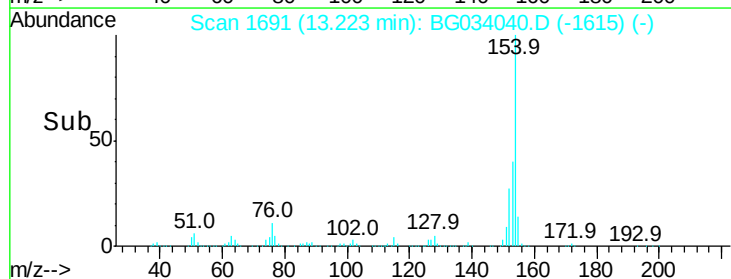
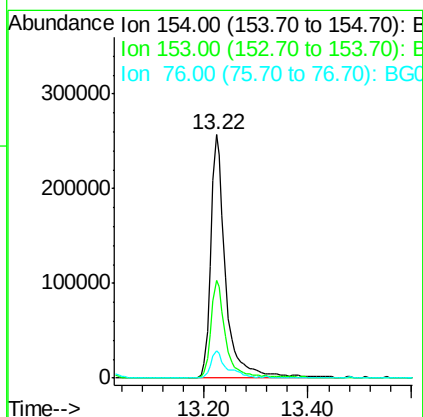
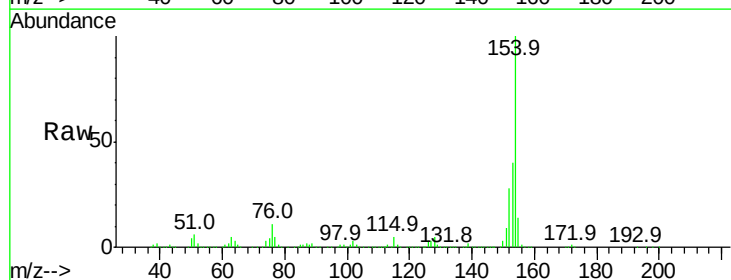
Instrument :
BNA_G
ClientSampleId :

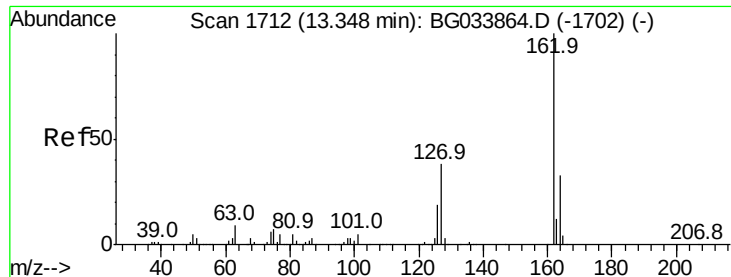
Tot Ion:172 Resp: 1079124
Ion Ratio Lower Upper
172 100
171 38.8 30.0 45.0
170 25.4 19.5 29.3



#45
1,1'-Biphenyl
Concen: 36.455 ng
RT: 13.22 min Scan# 1691
Delta R.T. -0.08 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion:154 Resp: 517939
Ion Ratio Lower Upper
154 100
153 40.2 19.8 59.8
76 11.2 0.0 31.9

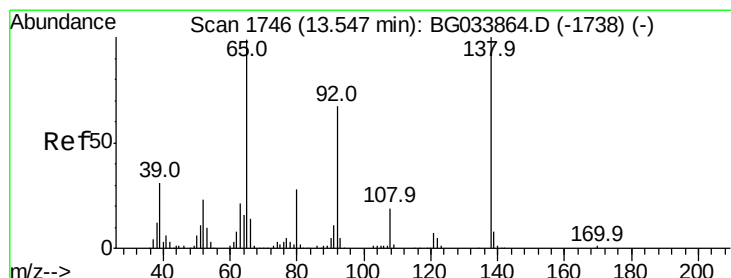
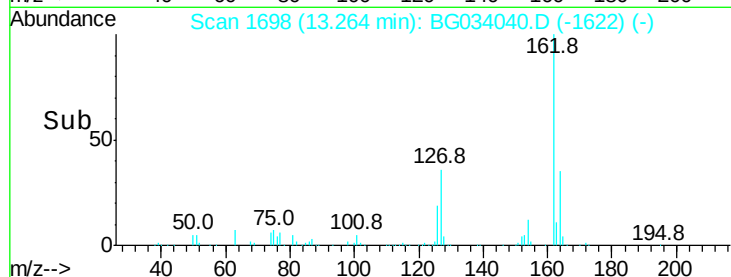
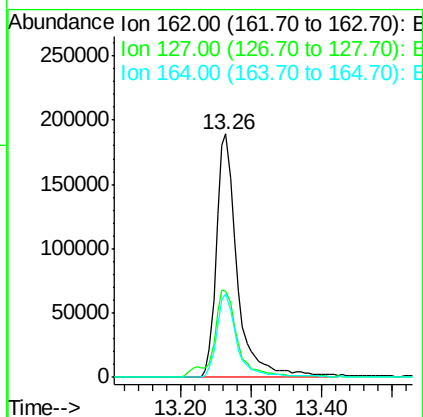
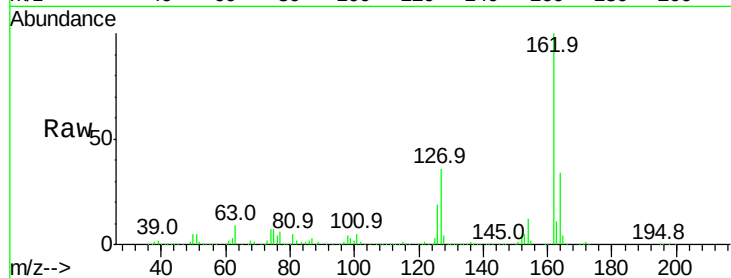




#46
2-Chloronaphthalene
Concen: 36.250 ng
RT: 13.26 min Scan# 1698
Delta R.T. -0.08 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

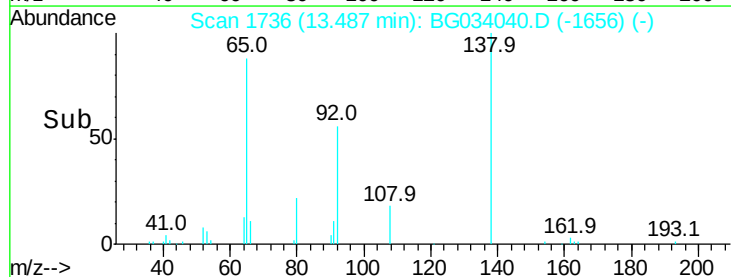
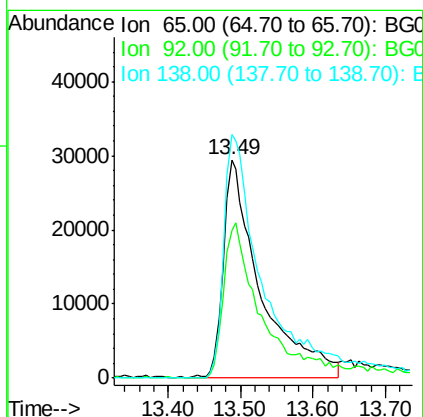
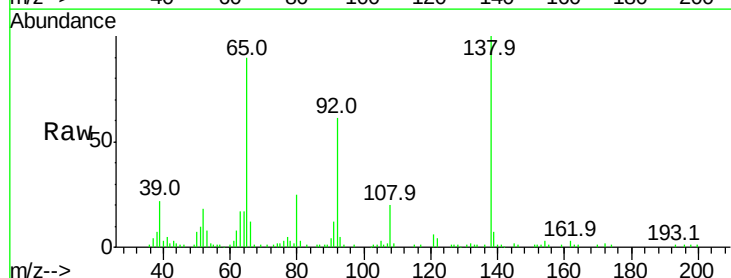
Instrument :
BNA_G
ClientSampleId :

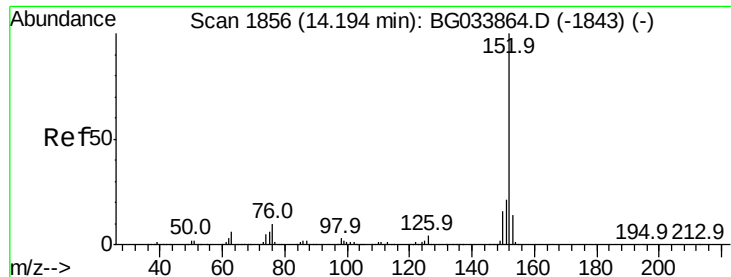
Tot Ion:162 Resp: 390520
Ion Ratio Lower Upper
162 100
127 35.7 30.7 46.1
164 34.4 26.0 39.0



#47
2-Nitroaniline
Concen: 31.333 ng
RT: 13.49 min Scan# 1736
Delta R.T. -0.06 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion: 65 Resp: 105393
Ion Ratio Lower Upper
65 100
92 67.7 54.6 82.0
138 111.4 72.9 109.3#





#48

Acenaphthylene

Concen: 36.423 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

ClientSampleId :

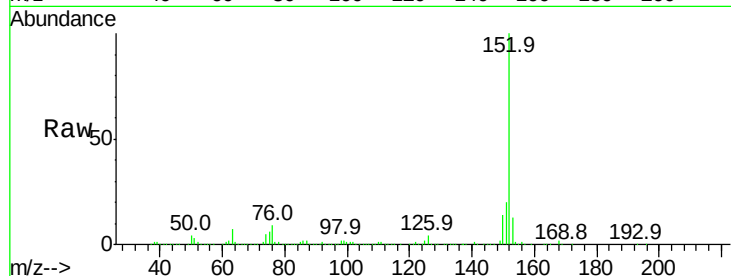
Tot Ion:152 Resp: 652229

Ion Ratio Lower Upper

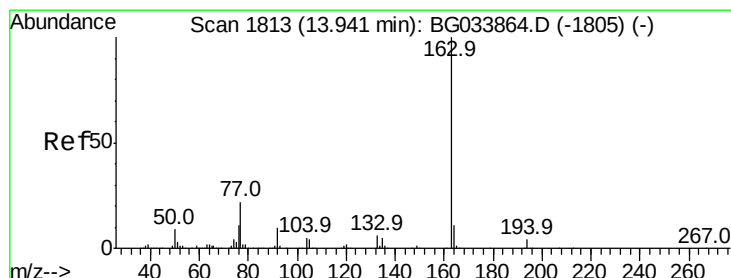
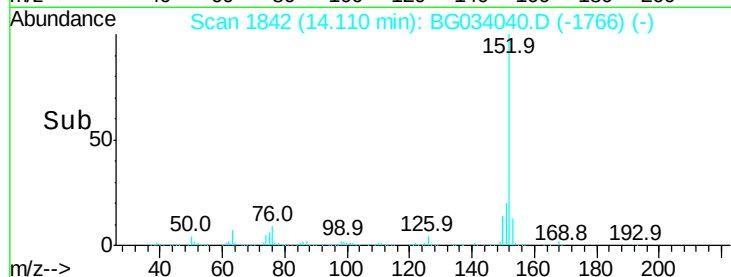
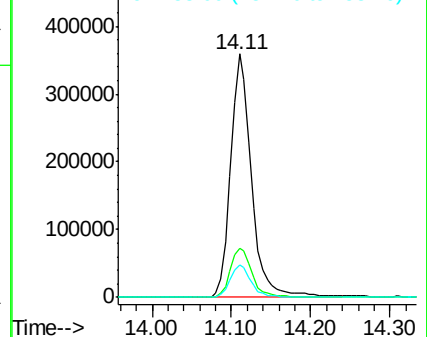
152 100

151 20.3 17.2 25.8

153 13.2 10.2 15.4



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



#49

Dimethylphthalate

Concen: 38.204 ng

RT: 13.86 min Scan# 1799

Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

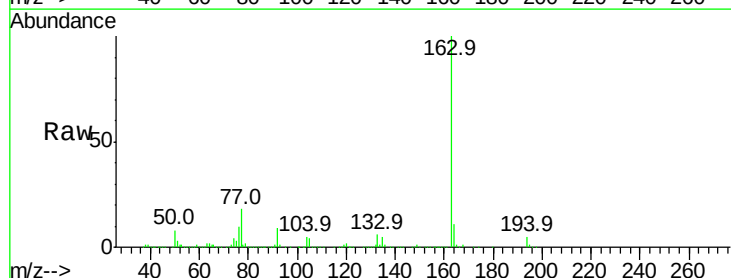
Tgt Ion:163 Resp: 589836

Ion Ratio Lower Upper

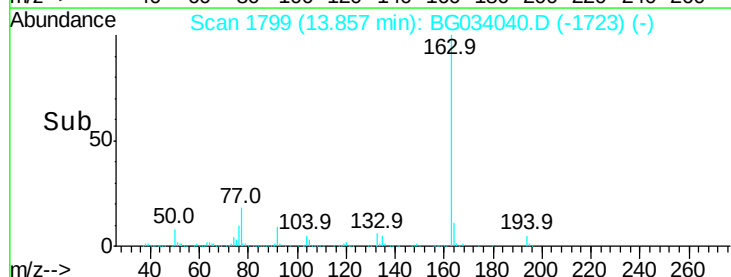
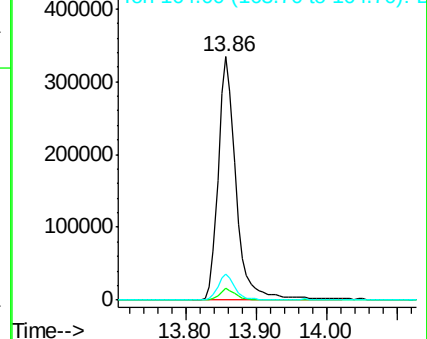
163 100

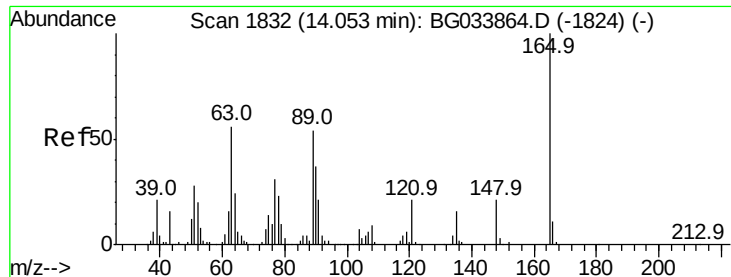
194 4.7 3.4 5.2

164 10.9 8.2 12.4



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

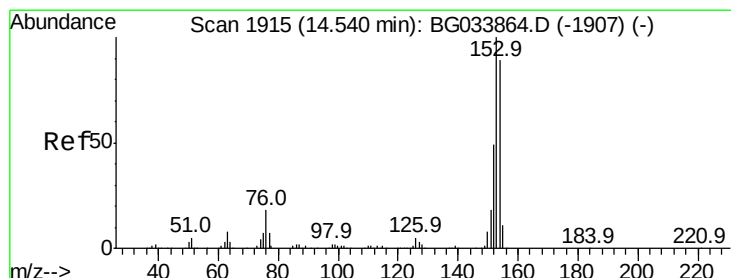
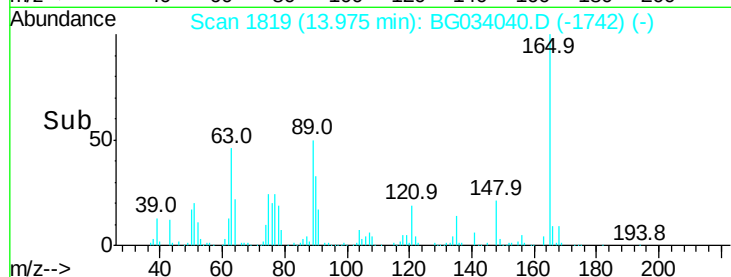
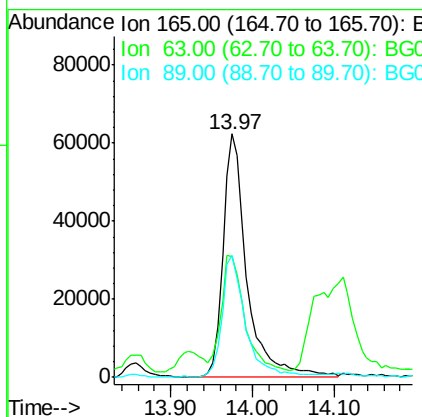
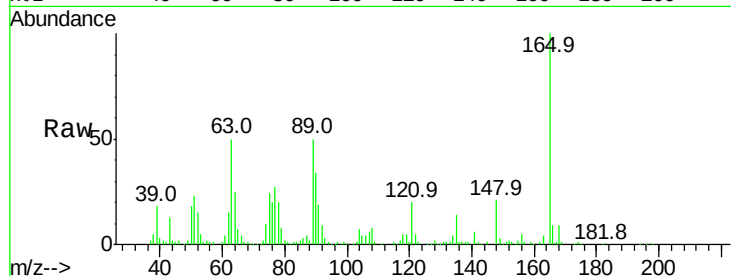




#50
 2,6-Dinitrotoluene
 Concen: 43.079 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. -0.08 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

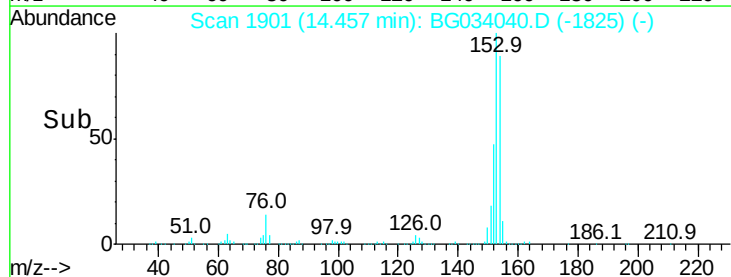
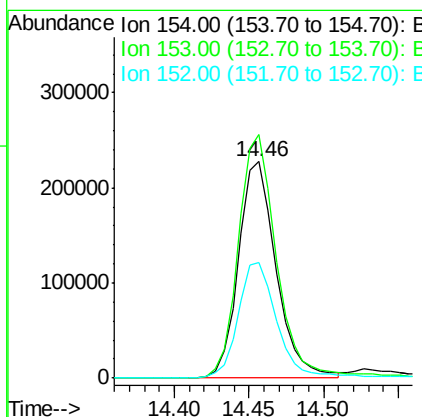
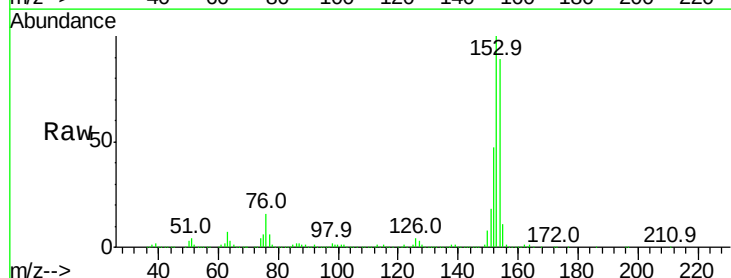
Instrument :
 BNA_G
 ClientSampleId :

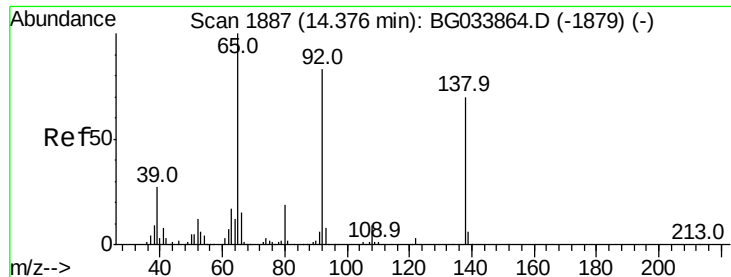
Tot Ion:165 Resp: 126043
 Ion Ratio Lower Upper
 165 100
 63 49.8 52.7 79.1#
 89 50.3 49.2 73.8



#51
 Acenaphthene
 Concen: 35.424 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.08 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Tgt Ion:154 Resp: 398492
 Ion Ratio Lower Upper
 154 100
 153 112.5 90.4 135.6
 152 53.3 41.6 62.4





#52

3-Nitroaniline

Concen: 5.323 ng

RT: 14.35 min Scan# 1883

Delta R.T. -0.03 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

ClientSampled :

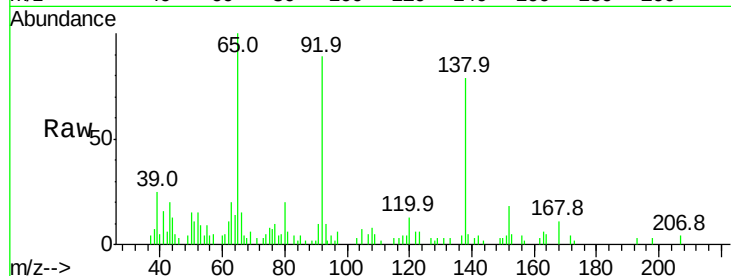
Tot Ion:138 Resp: 16910

Ion Ratio Lower Upper

138 100

108 10.7 17.5 26.3#

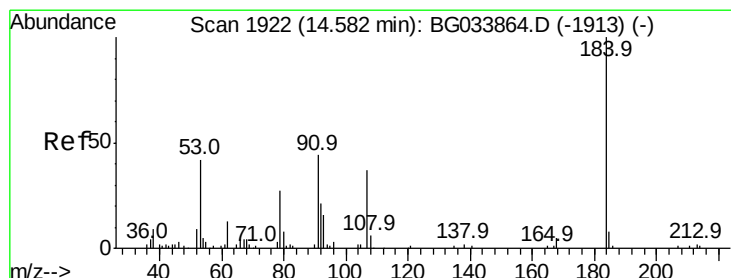
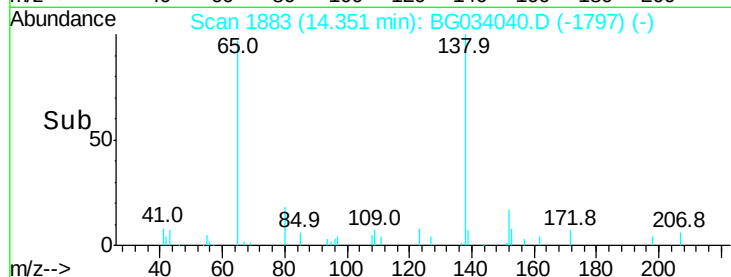
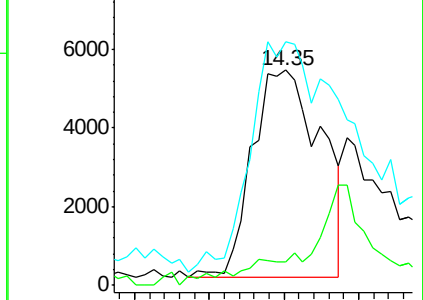
92 113.3 105.8 158.8



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: 27.733 ng

RT: 14.54 min Scan# 1915

Delta R.T. -0.04 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

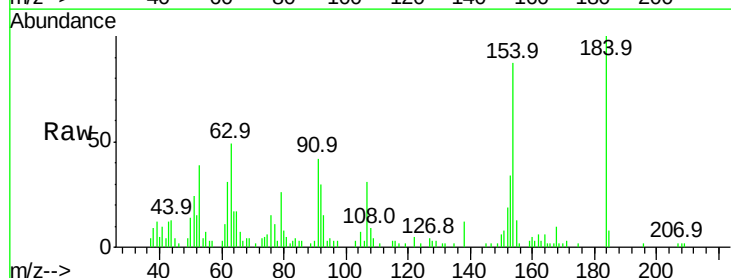
Tgt Ion:184 Resp: 29019

Ion Ratio Lower Upper

184 100

63 48.7 59.8 89.8#

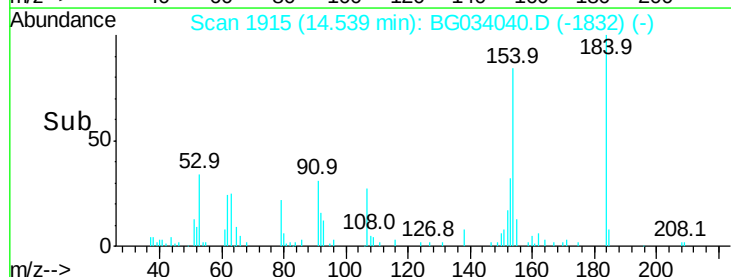
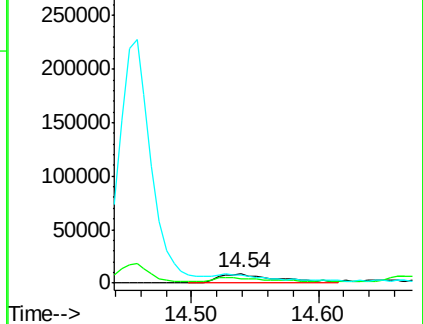
154 87.4 101.8 152.8#

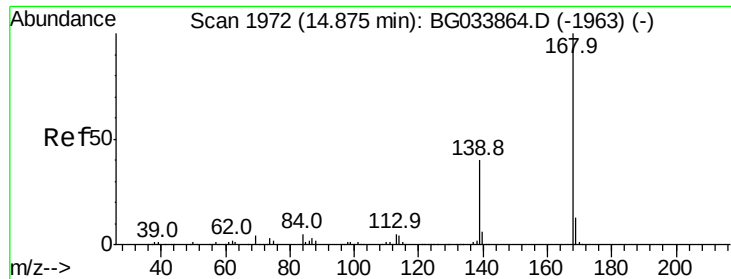


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 39.554 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

ClientSampleId :

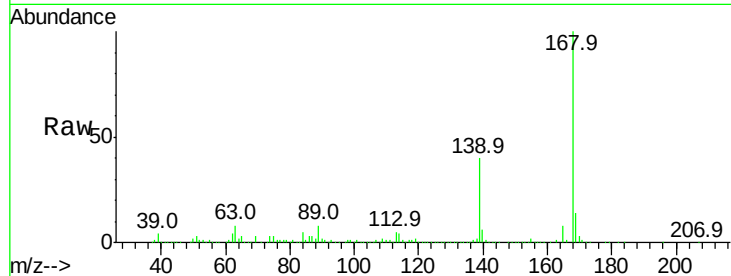
Tot Ion:168 Resp: 659672

Ion Ratio Lower Upper

168 100

139 39.8 28.6 43.0

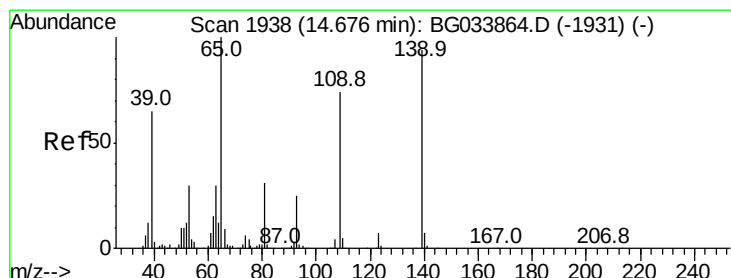
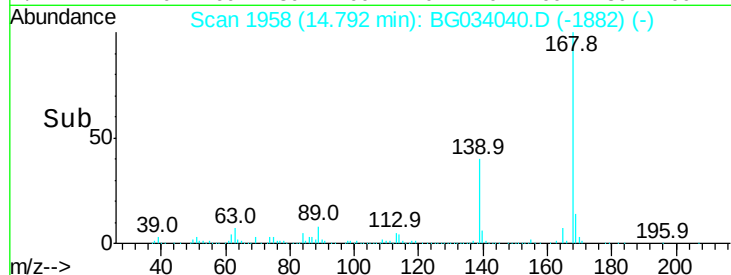
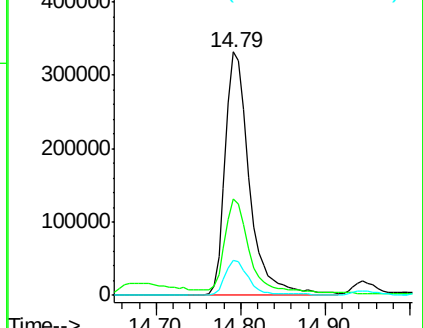
169 14.3 11.2 16.8



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: 31.130 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

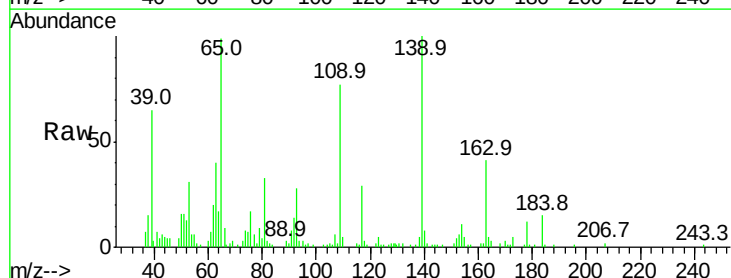
Tgt Ion:139 Resp: 77566

Ion Ratio Lower Upper

139 100

109 77.4 62.2 102.2

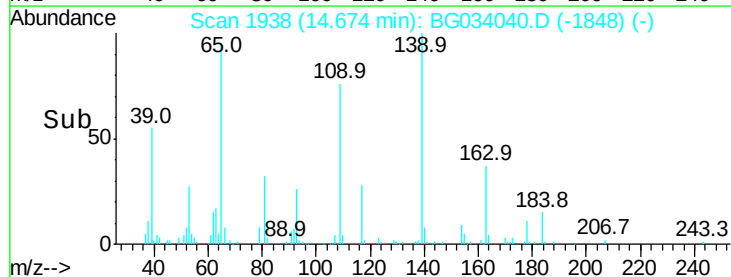
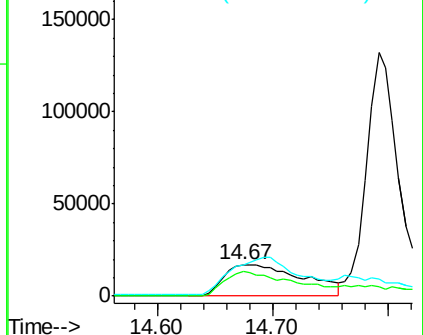
65 98.8 97.2 137.2

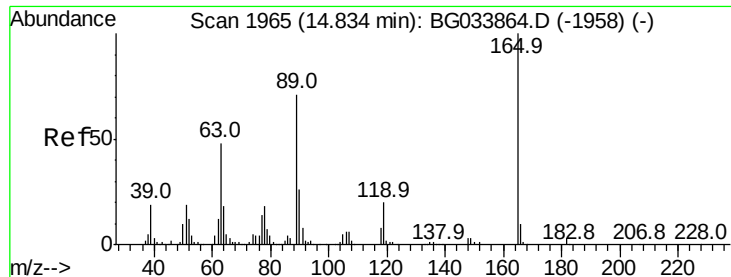


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#56

2,4-Dinitrotoluene

Concen: 44.723 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.07 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

ClientSampled :

Tot Ion:165 Resp: 174006

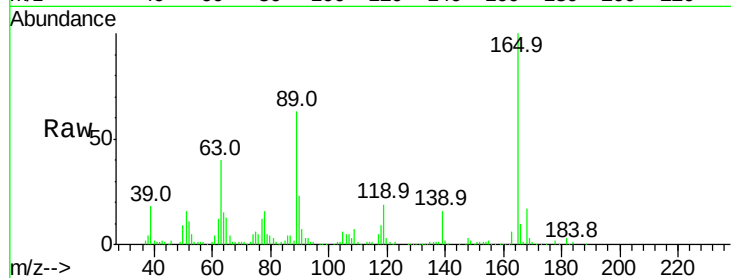
Ion Ratio Lower Upper

165 100

63 40.3 42.0 63.0#

89 62.9 66.9 100.3#

182 2.8 2.6 3.8

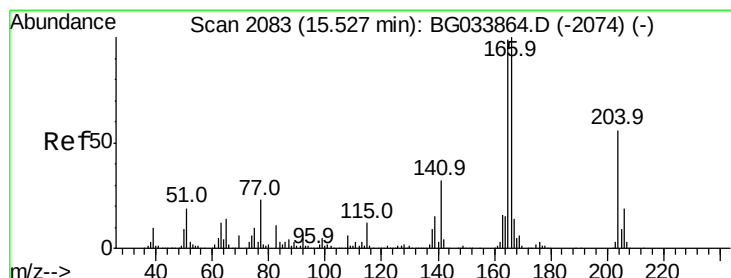
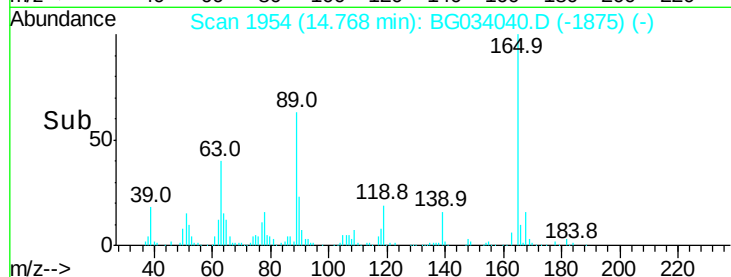
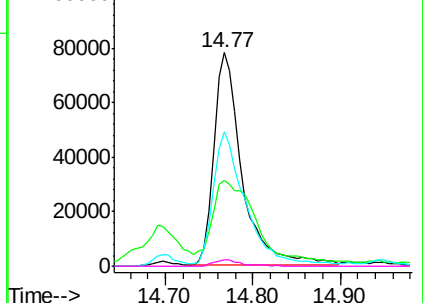


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.135 ng

RT: 15.44 min Scan# 2069

Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

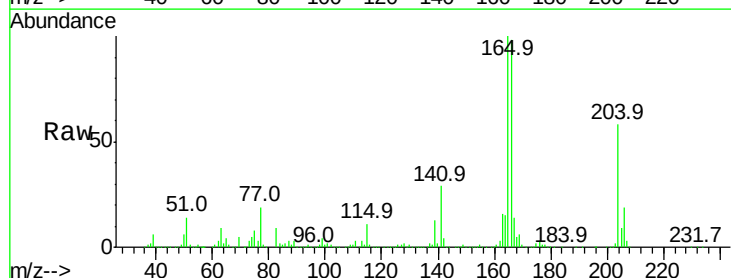
Tgt Ion:166 Resp: 579229

Ion Ratio Lower Upper

166 100

165 102.3 80.6 121.0

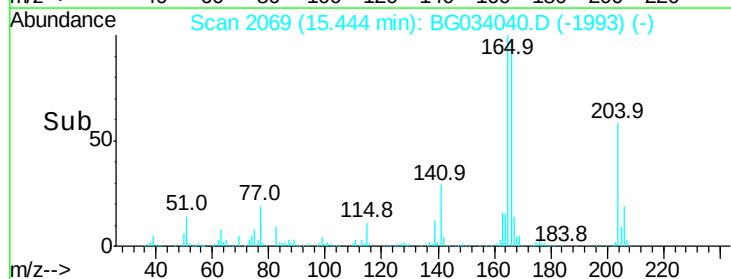
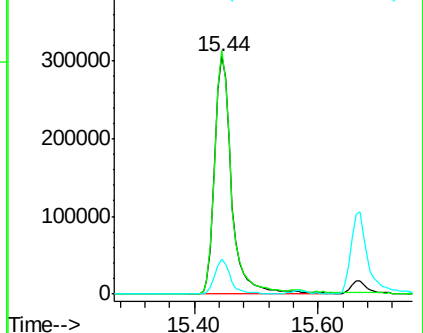
167 14.6 10.4 15.6

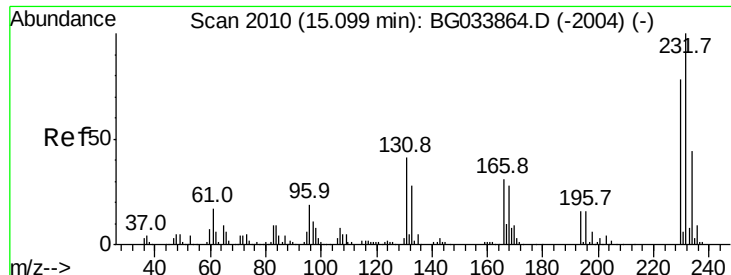


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

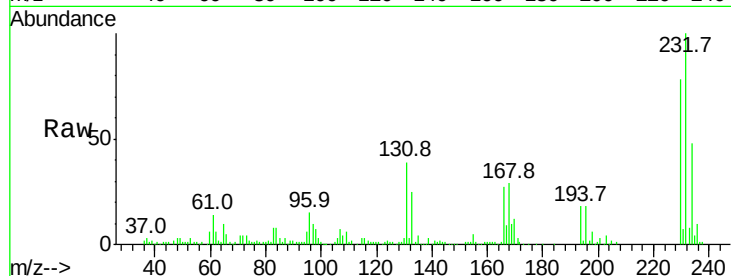




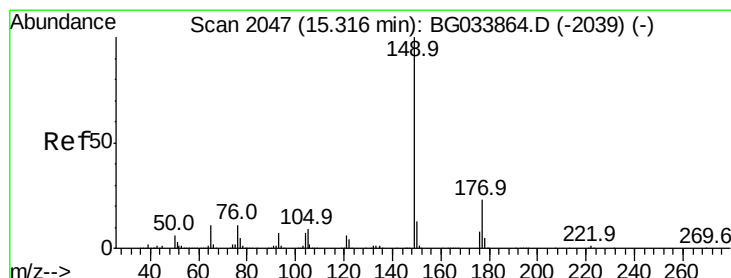
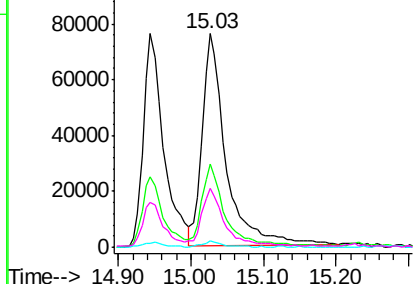
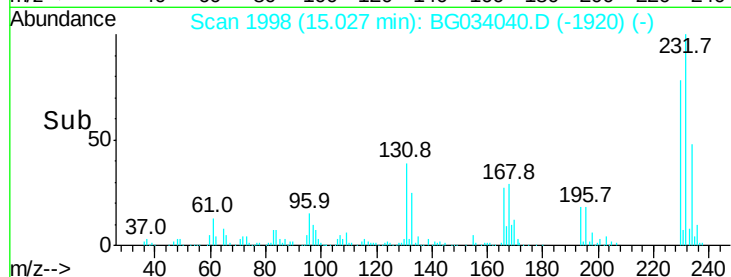
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.137 ng
 RT: 15.03 min Scan# 1998
 Delta R.T. -0.07 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 172573
 Ion Ratio Lower Upper
 232 100
 131 35.8 33.5 50.3
 130 2.5 2.2 3.2
 166 25.7 24.8 37.2

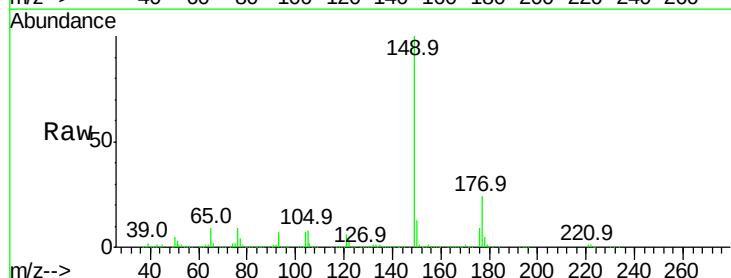


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

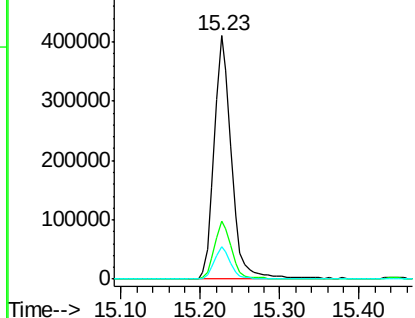
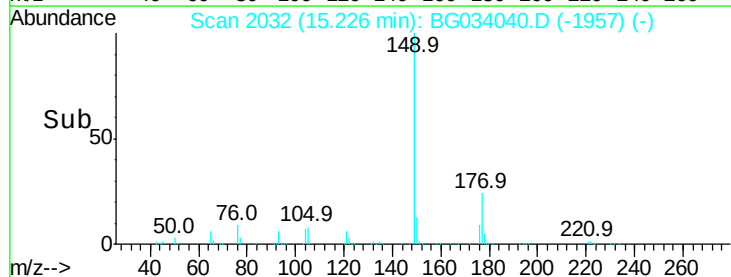


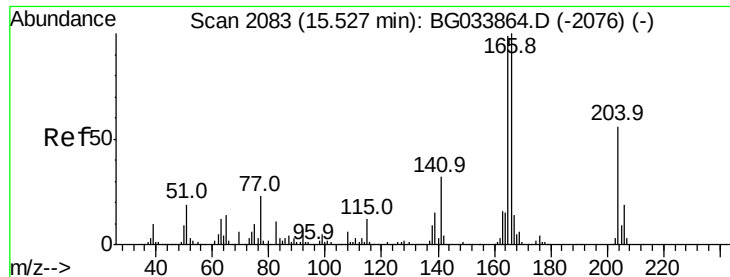
#59
 Diethylphthalate
 Concen: 38.357 ng
 RT: 15.23 min Scan# 2032
 Delta R.T. -0.09 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Tgt Ion:149 Resp: 625961
 Ion Ratio Lower Upper
 149 100
 177 24.0 18.5 27.7
 150 13.2 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

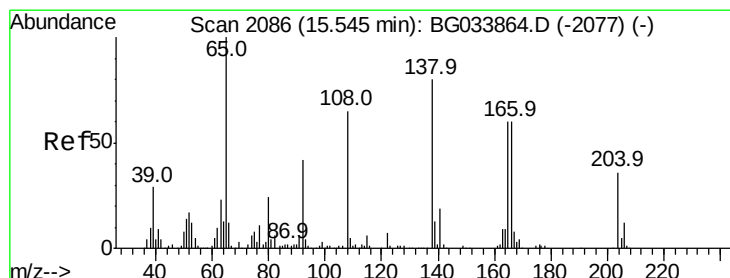
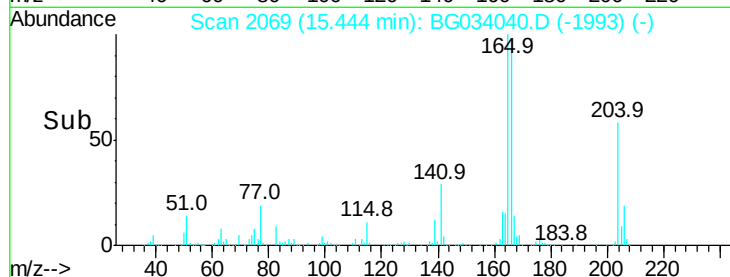
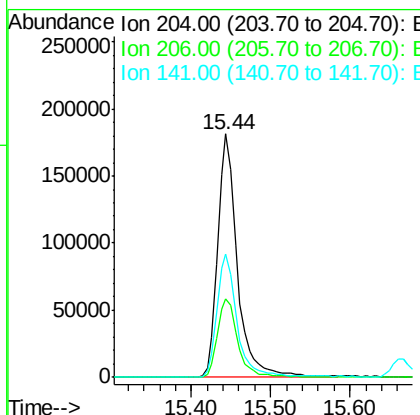
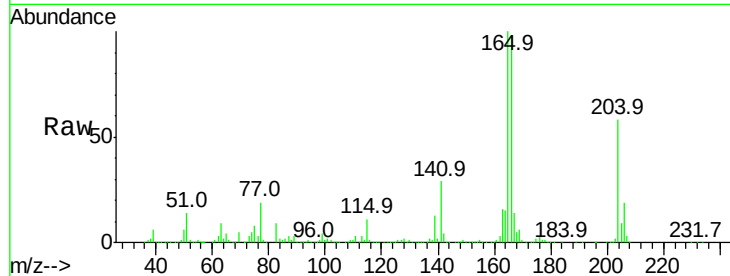




#60
4-Chlorophenyl-phenylether
Concen: 41.341 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.08 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

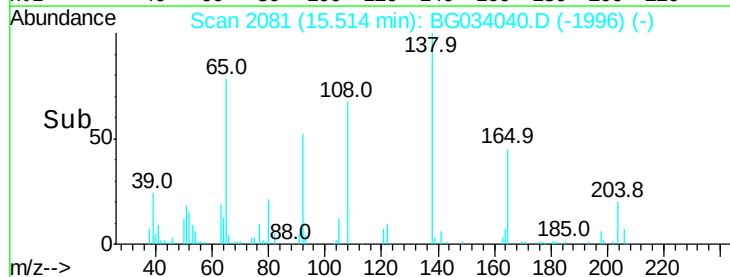
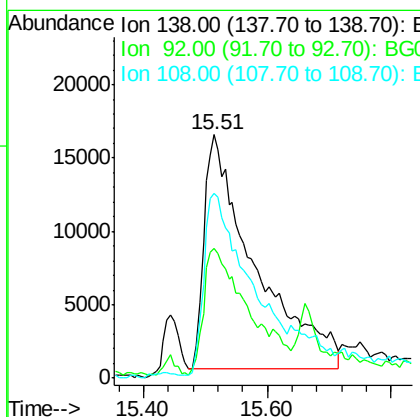
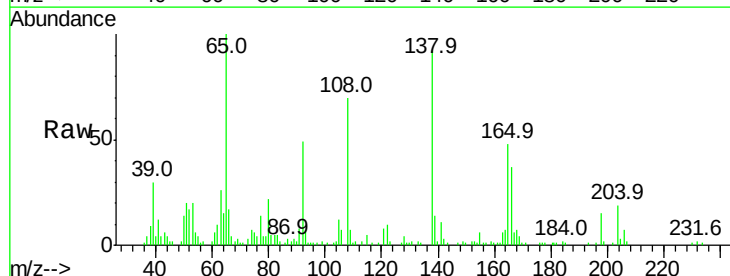
Instrument :
BNA_G
ClientSampled :

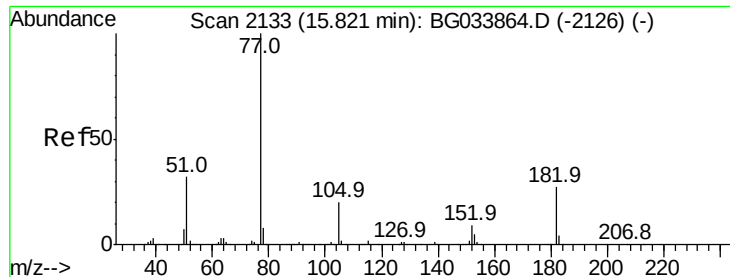
Tot Ion:204 Resp: 312071
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 50.7 45.8 68.6



#61
4-Nitroaniline
Concen: 26.761 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.03 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion:138 Resp: 90270
Ion Ratio Lower Upper
138 100
92 53.4 40.1 80.1
108 76.0 65.4 105.4





#62

Azobenzene

Concen: 33.435 ng

RT: 15.74 min Scan# 2119

Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 486382

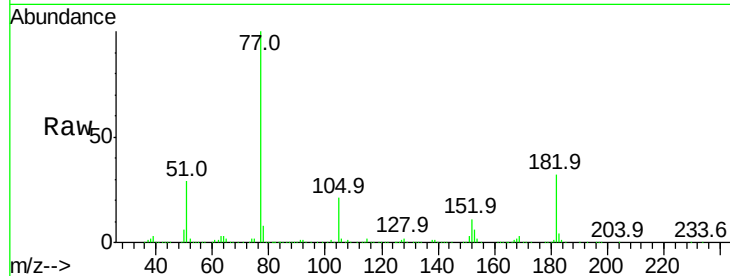
Ion Ratio Lower Upper

77 100

182 32.2 7.4 47.4

105 20.7 0.3 40.3

51 28.7 11.6 51.6

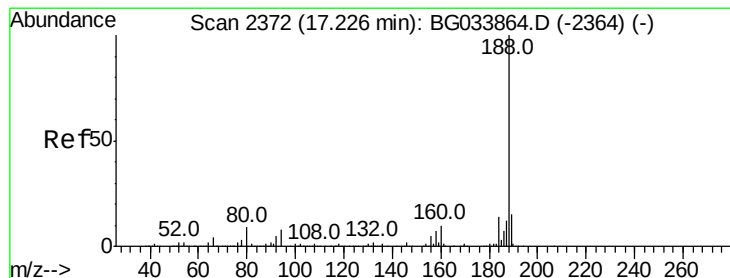
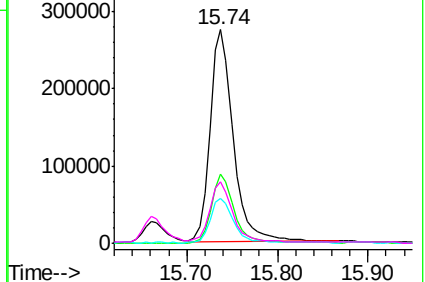
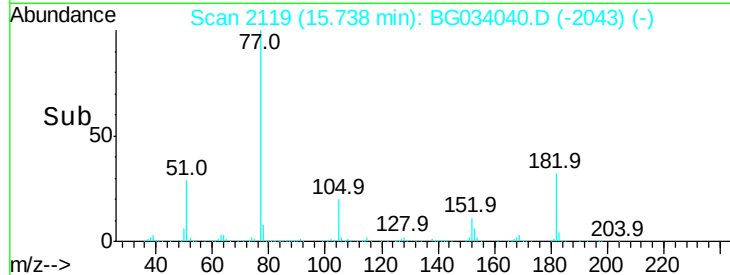


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.14 min Scan# 2358

Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

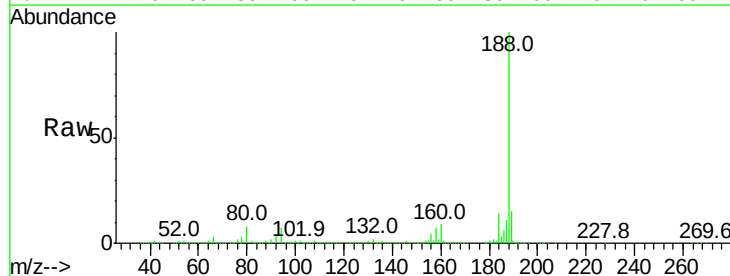
Tgt Ion: 188 Resp: 479236

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

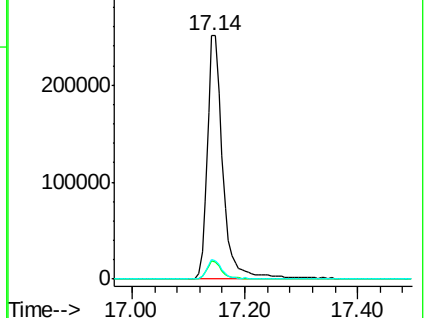
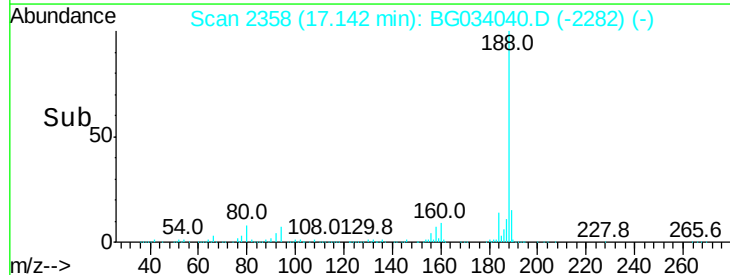
80 8.1 7.7 11.5

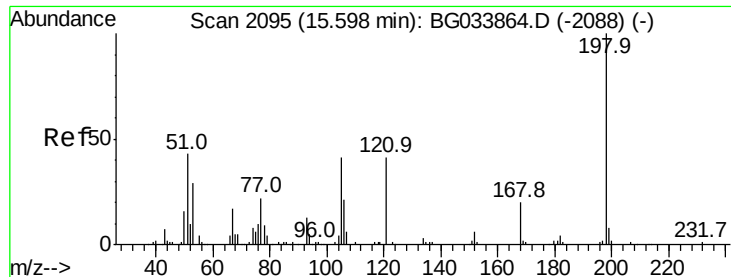


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 25.499 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.06 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

ClientSampleId :

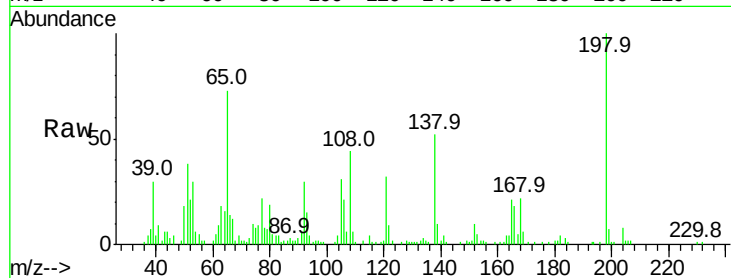
Tot Ion:198 Resp: 50725

Ion	Ratio	Lower	Upper
198	100		
51	37.6	30.6	70.6
105	30.7	23.8	63.8

198 100

51 37.6 30.6 70.6

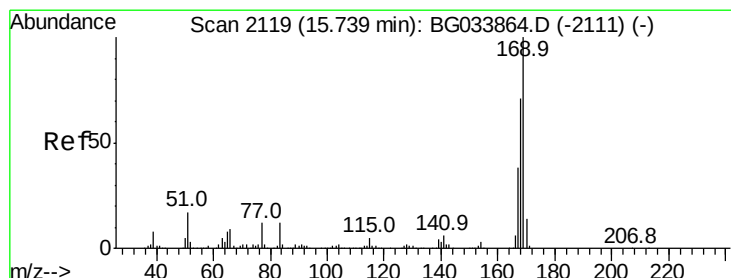
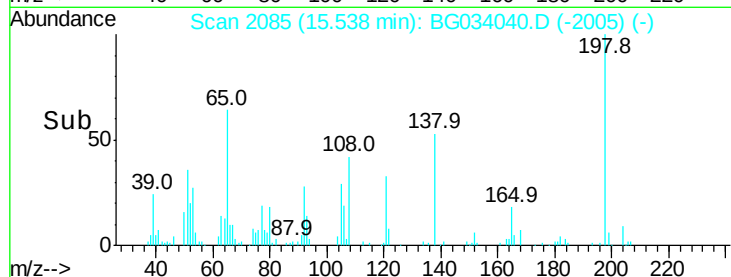
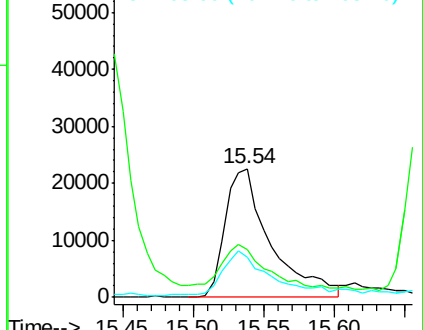
105 30.7 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 37.102 ng

RT: 15.66 min Scan# 2106

Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

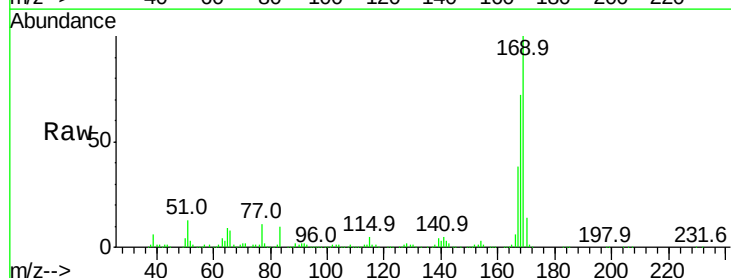
Tgt Ion:169 Resp: 516942

Ion	Ratio	Lower	Upper
169	100		
168	71.9	55.7	83.5
167	37.9	30.1	45.1

169 100

168 71.9 55.7 83.5

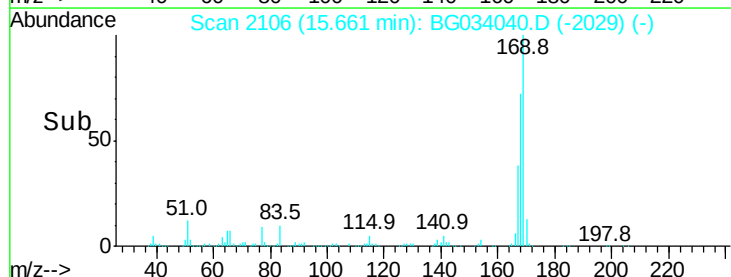
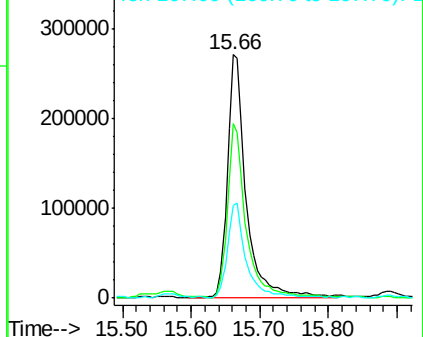
167 37.9 30.1 45.1

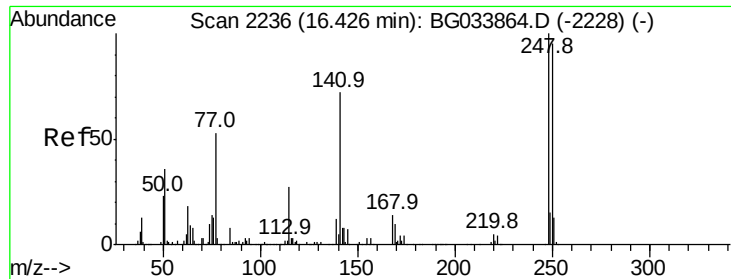


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

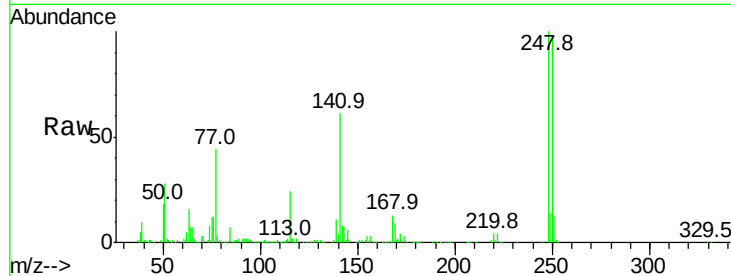




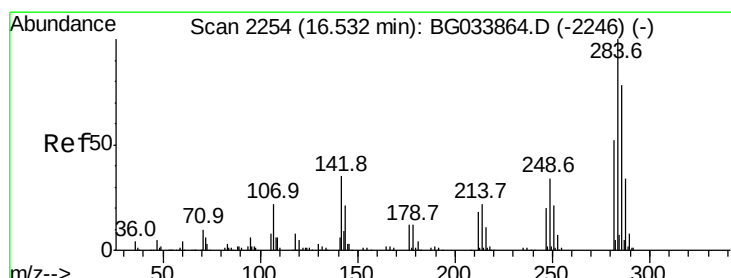
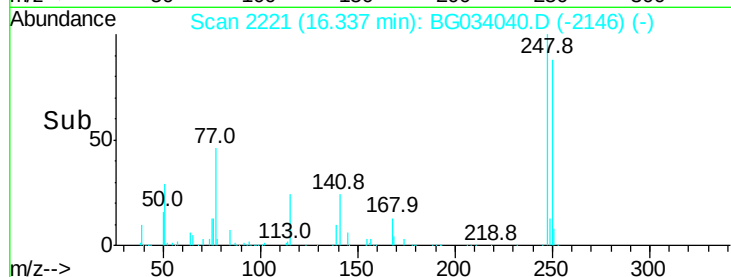
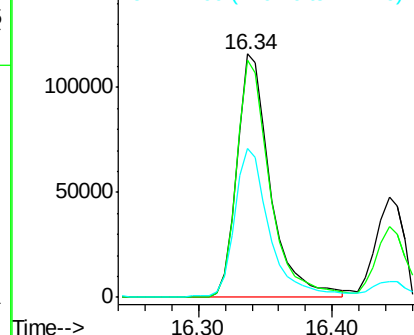
#66
4-Bromophenyl-phenylether
Concen: 38.341 ng
RT: 16.34 min Scan# 2221
Delta R.T. -0.09 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 201791
Ion Ratio Lower Upper
248 100
250 97.4 77.1 115.7
141 61.2 50.8 76.2

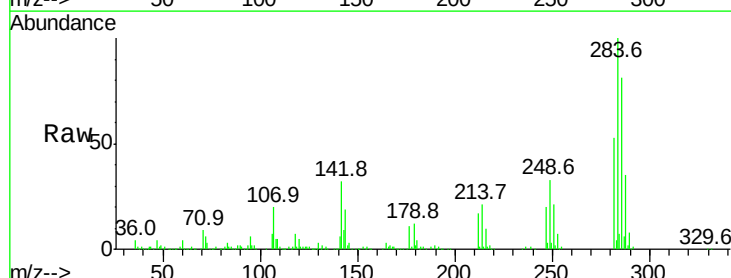


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

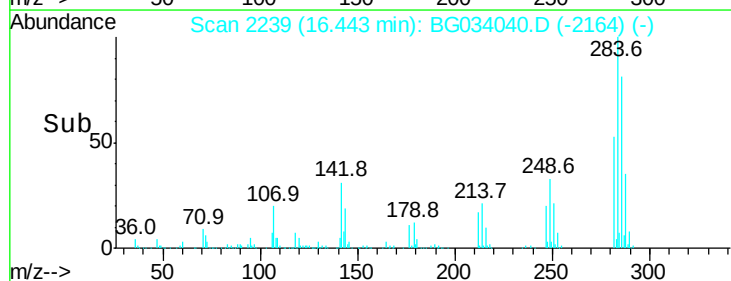
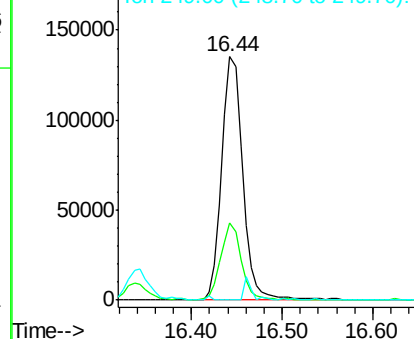


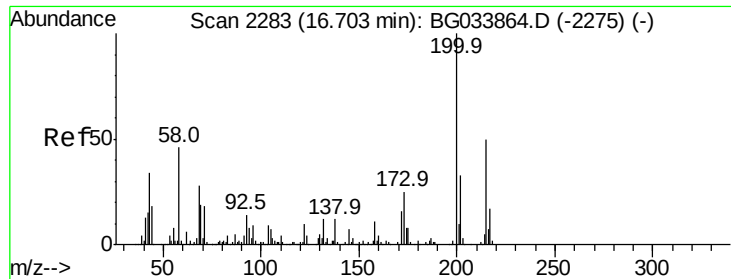
#67
Hexachlorobenzene
Concen: 39.087 ng
RT: 16.44 min Scan# 2239
Delta R.T. -0.09 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion:284 Resp: 219383
Ion Ratio Lower Upper
284 100
142 31.6 26.8 40.2
249 3.4 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

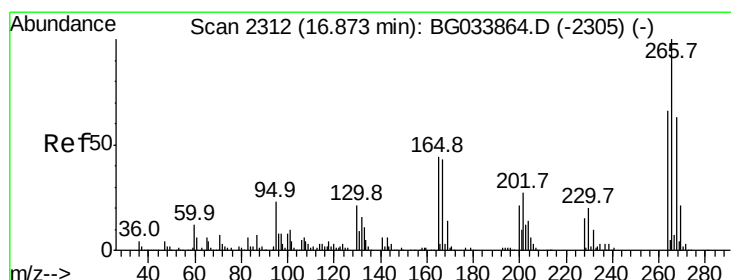
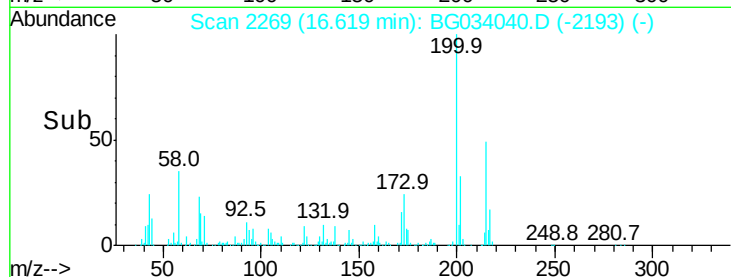
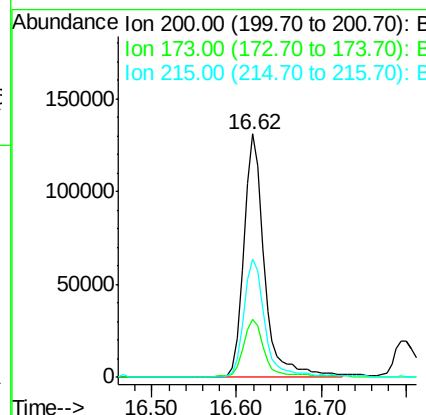
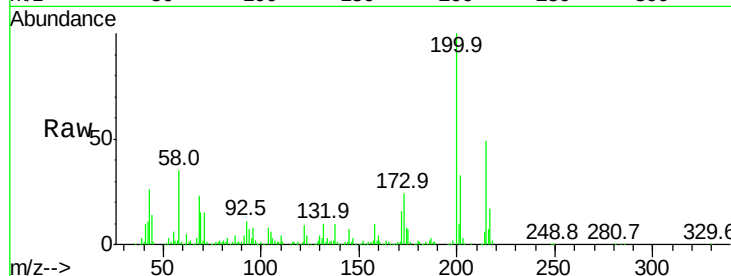




#68
 Atrazine
 Concen: 40.175 ng
 RT: 16.62 min Scan# 2269
 Delta R.T. -0.08 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

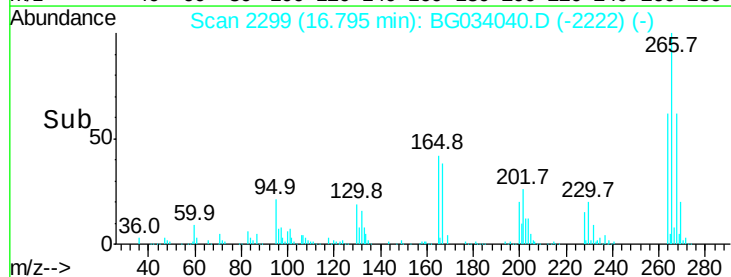
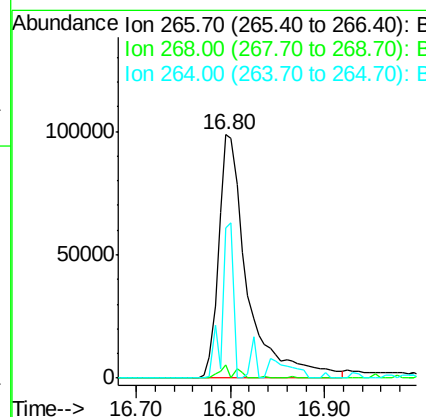
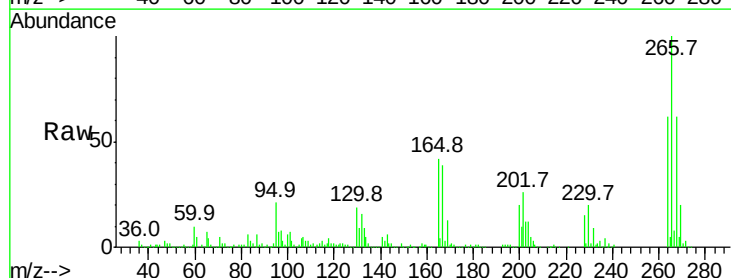
Instrument :
 BNA_G
 ClientSampleId :

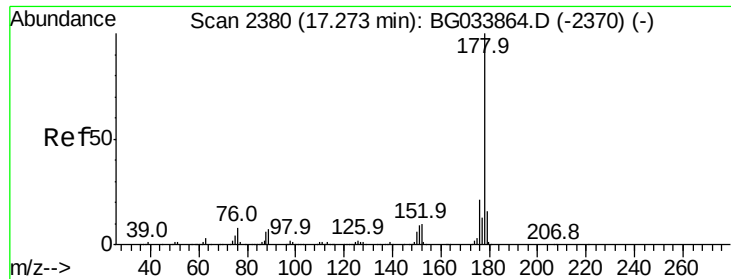
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	5.2	45.2
215	48.7	30.4	70.4



#69
 Pentachlorophenol
 Concen: 54.949 ng
 RT: 16.80 min Scan# 2299
 Delta R.T. -0.08 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	5.4	51.1	76.7#
264	67.0	49.6	74.4





#70

Phenanthrene

Concen: 36.432 ng

RT: 17.19 min Scan# 2366

Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

ClientSampleId :

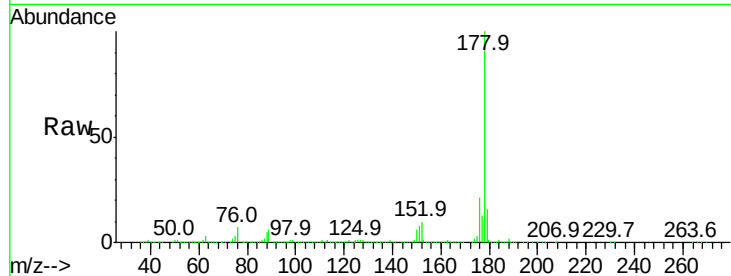
Tot Ion:178 Resp: 936649

Ion Ratio Lower Upper

178 100

176 20.7 15.7 23.5

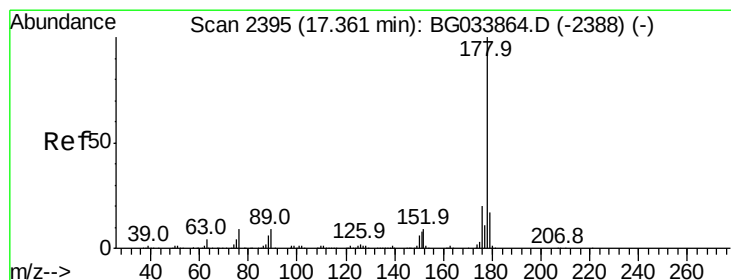
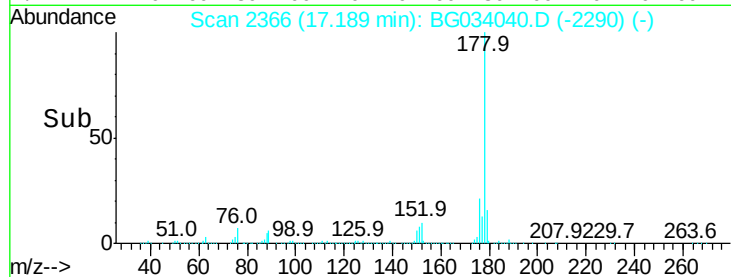
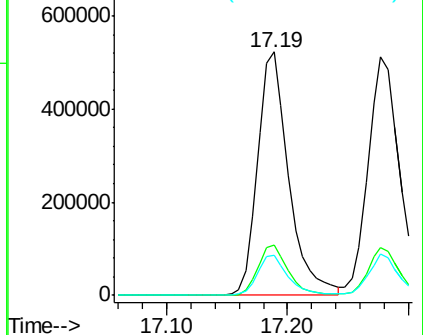
179 16.4 12.5 18.7



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: 40.687 ng

RT: 17.28 min Scan# 2381

Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

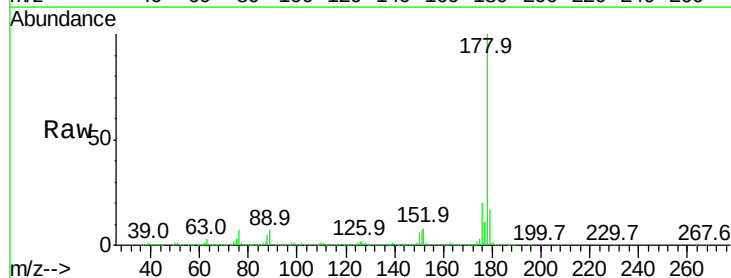
Tgt Ion:178 Resp: 1046066

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

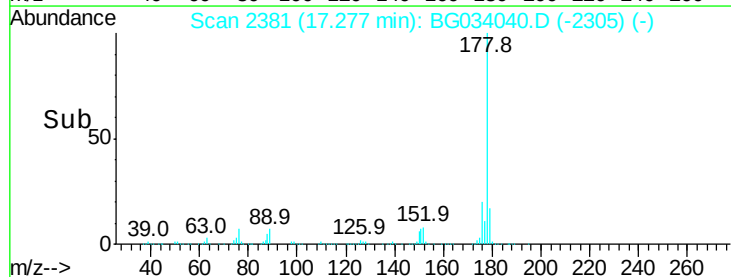
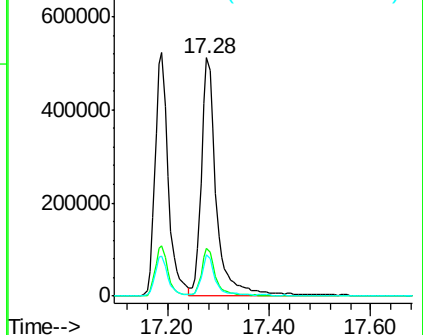
179 17.1 12.5 18.7

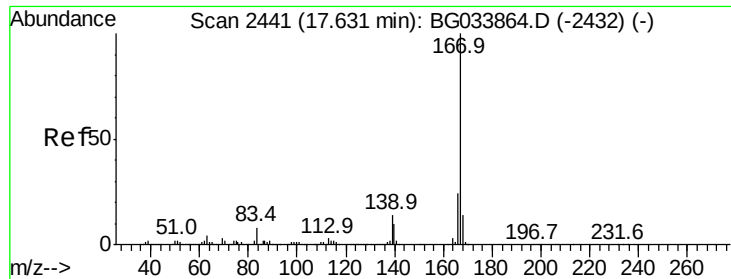


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 35.867 ng

RT: 17.56 min Scan# 2429

Delta R.T. -0.07 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

ClientSampleId :

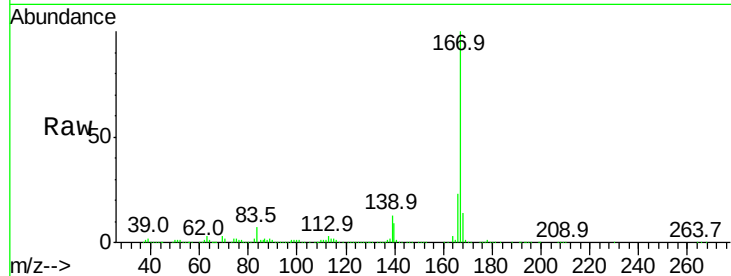
Tot Ion:167 Resp: 889635

Ion Ratio Lower Upper

167 100

166 23.4 18.2 27.4

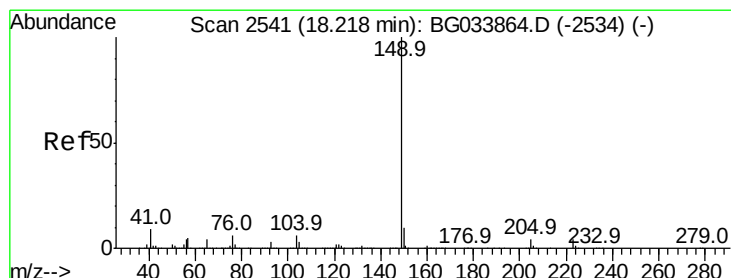
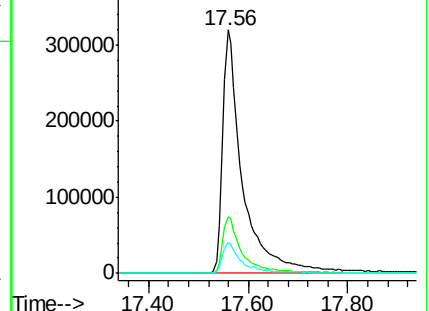
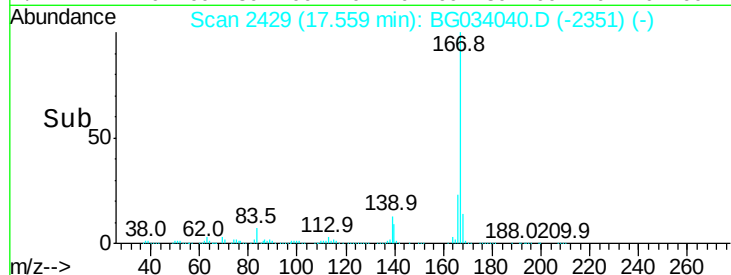
139 13.0 9.4 14.2



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: 35.855 ng

RT: 18.12 min Scan# 2525

Delta R.T. -0.10 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

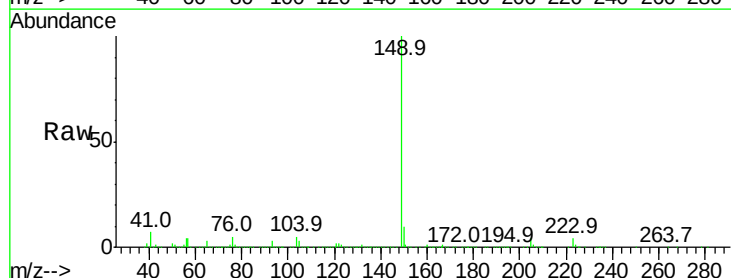
Tgt Ion:149 Resp: 1106369

Ion Ratio Lower Upper

149 100

150 10.4 7.8 11.6

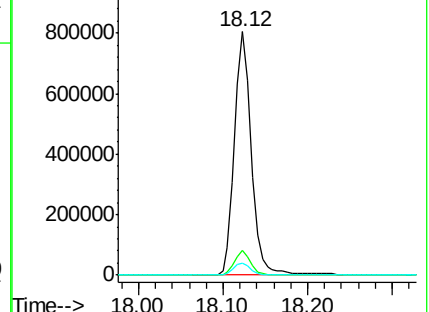
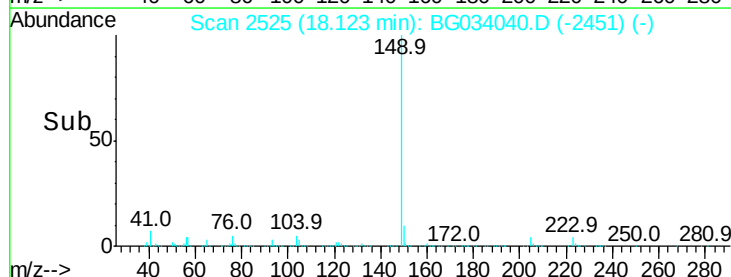
104 4.8 3.9 5.9

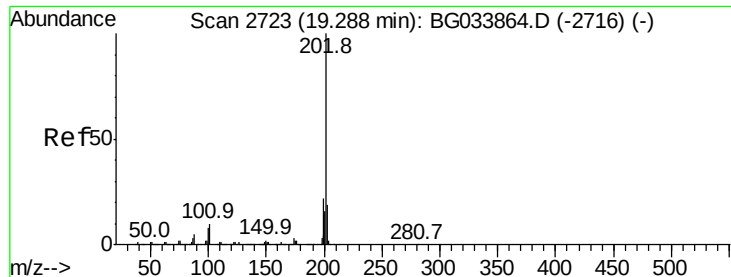


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 39.398 ng

RT: 19.20 min Scan# 2709

Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

ClientSampleId :

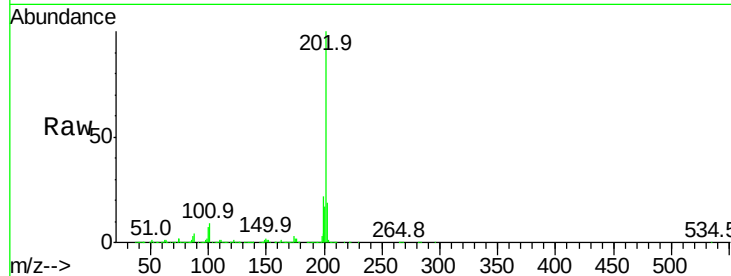
Tot Ion:202 Resp: 1225237

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.9

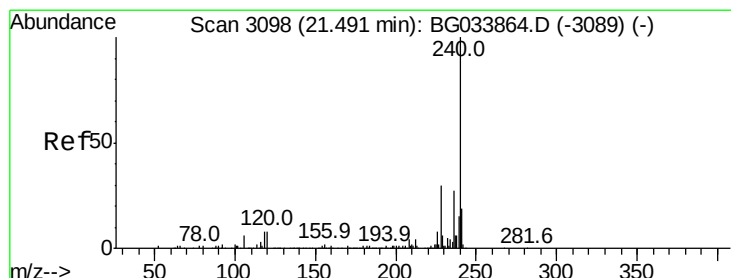
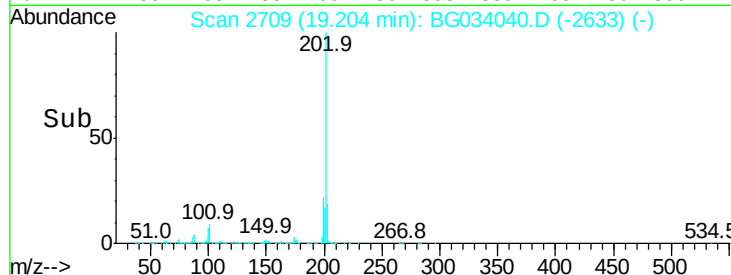
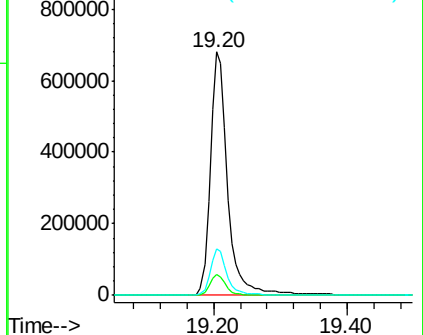
203 19.3 0.0 37.5



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: BG034040.D

Acq: 27 Apr 2018 15:43

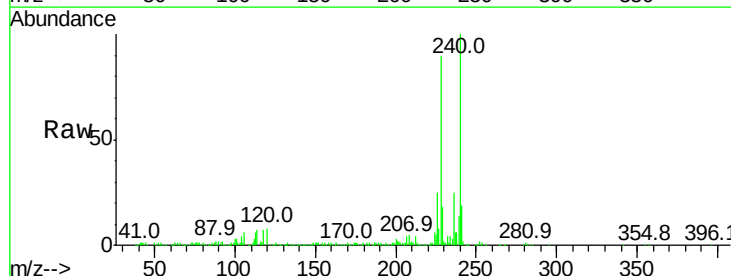
Tgt Ion:240 Resp: 497610

Ion Ratio Lower Upper

240 100

120 8.3 6.8 10.2

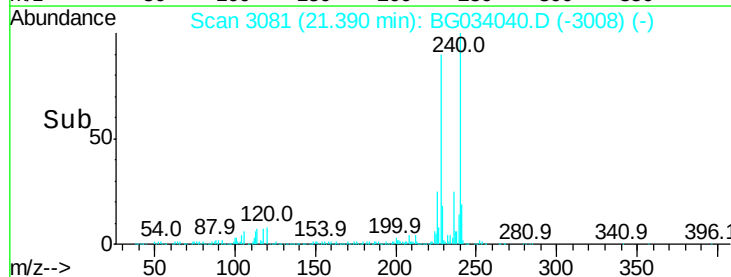
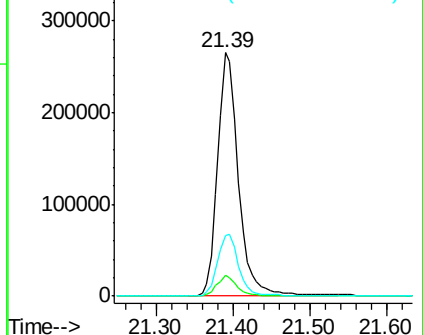
236 25.0 20.9 31.3

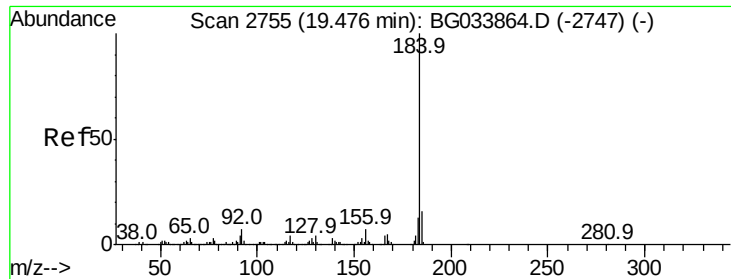


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

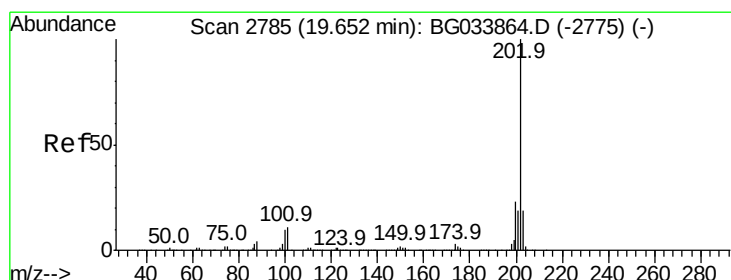
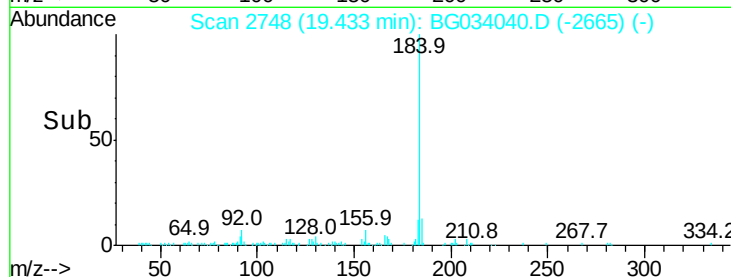
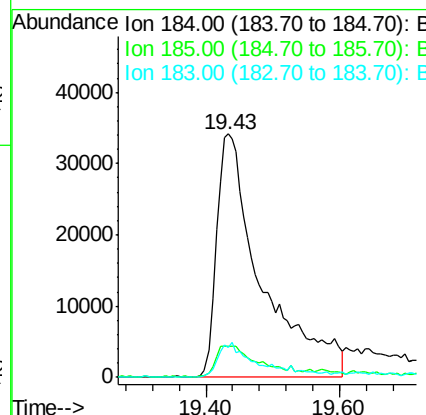
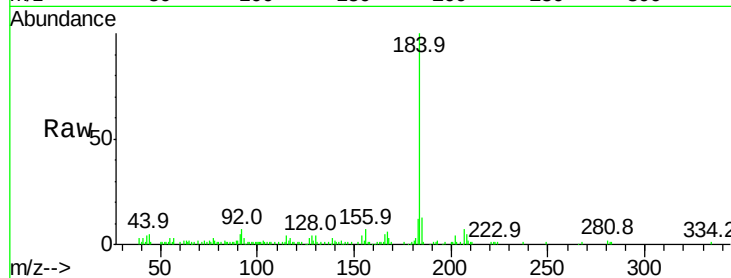




#76
Benzidine
Concen: 11.981 ng
RT: 19.43 min Scan# 2748
Delta R.T. -0.04 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

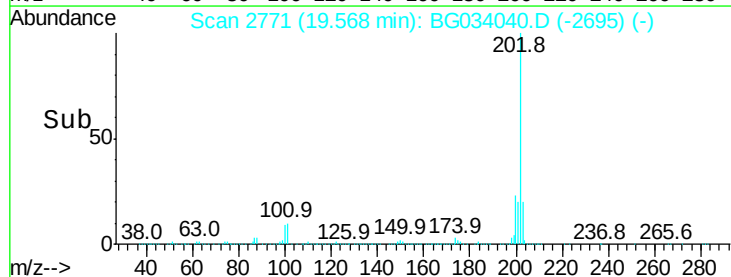
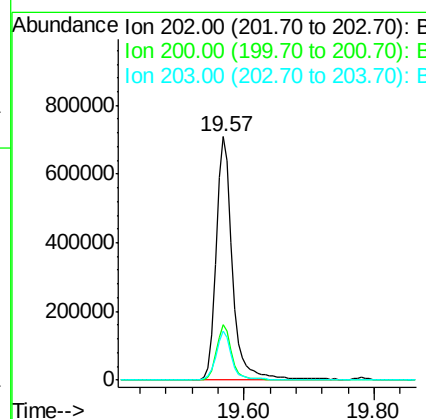
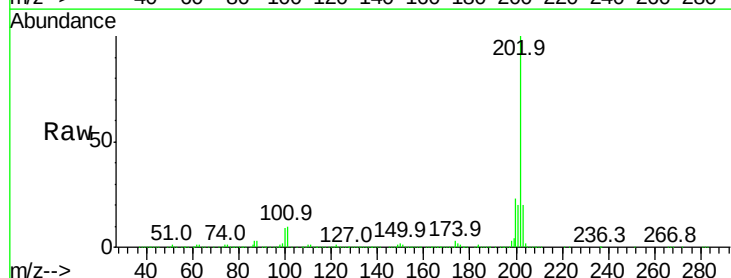
Instrument :
BNA_G
ClientSampleId :

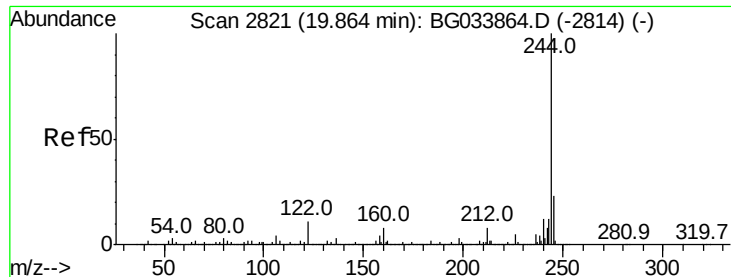
Tot Ion:184 Resp: 160993
Ion Ratio Lower Upper
184 100
185 12.8 11.1 16.7
183 12.2 10.6 16.0



#77
Pyrene
Concen: 37.422 ng
RT: 19.57 min Scan# 2771
Delta R.T. -0.08 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion:202 Resp: 1221397
Ion Ratio Lower Upper
202 100
200 22.9 16.9 25.3
203 20.0 13.9 20.9





#78

Terphenyl-d14

Concen: 94.340 ng

RT: 19.78 min Scan# 2807

Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

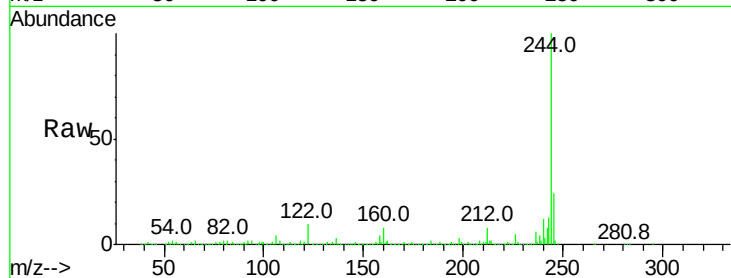
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2089561

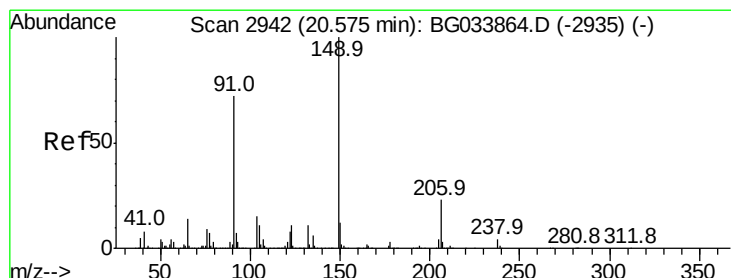
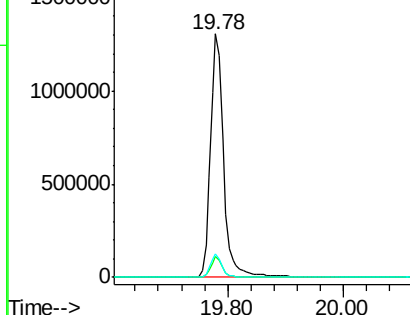
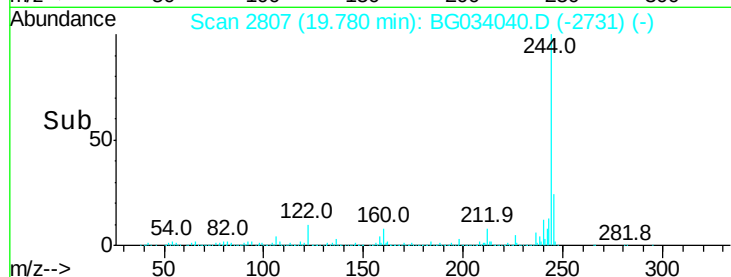
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	9.7	7.0	10.4



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: 35.705 ng

RT: 20.48 min Scan# 2926

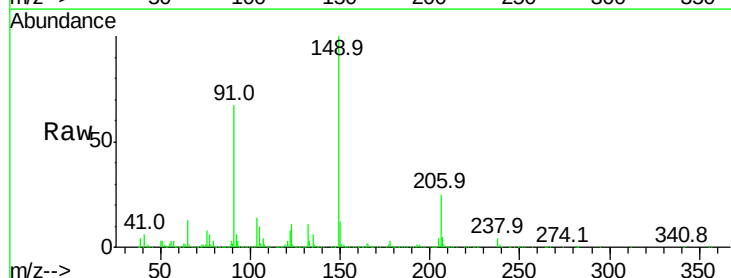
Delta R.T. -0.10 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Tgt Ion:149 Resp: 511768

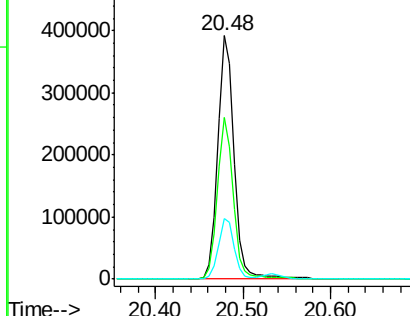
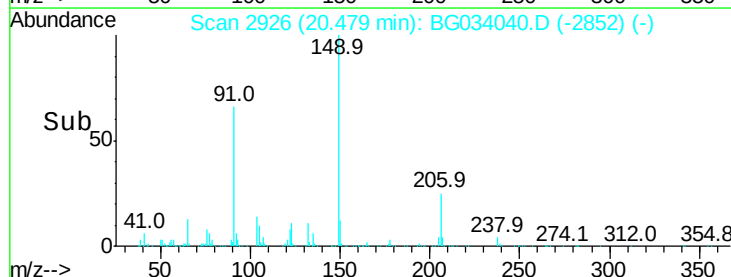
Ion	Ratio	Lower	Upper
149	100		
91	66.6	62.2	93.2
206	25.0	18.6	27.8

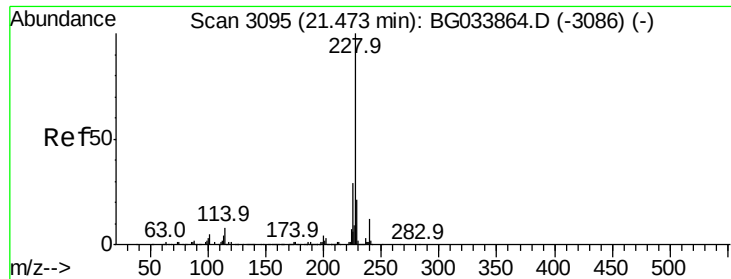


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 37.224 ng

RT: 21.37 min Scan# 3078

Delta R.T. -0.10 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

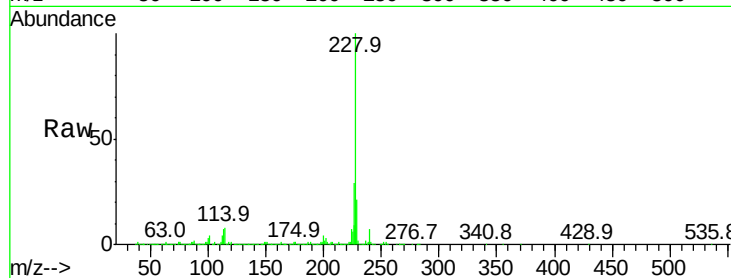
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1168022

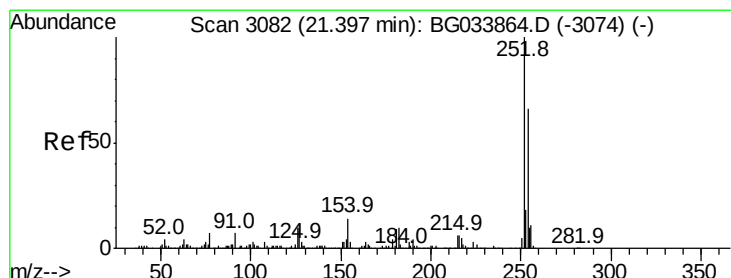
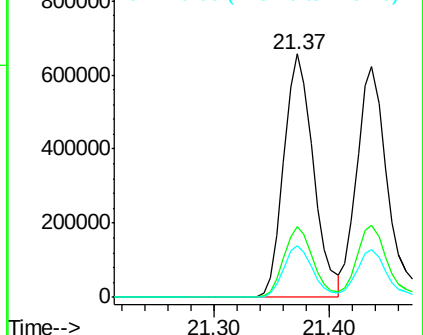
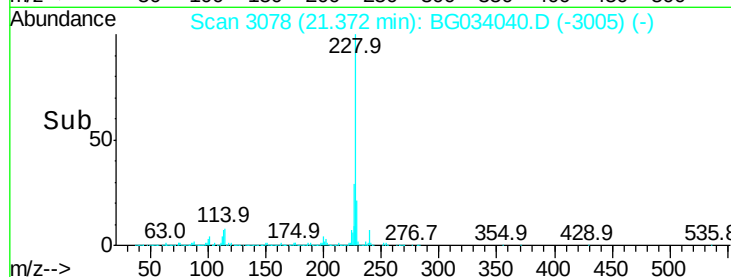
Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	21.3	16.2	24.2



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



#81

3,3'-Dichlorobenzidine

Concen: 14.128 ng

RT: 21.31 min Scan# 3068

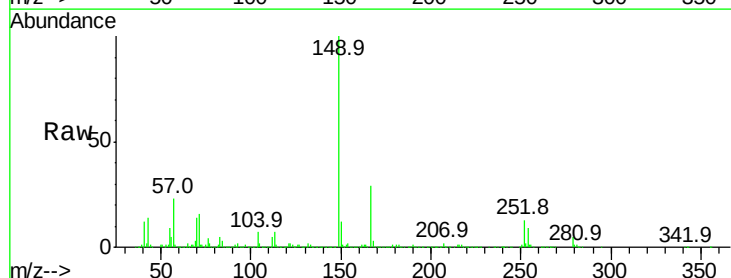
Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Tgt Ion:252 Resp: 165298

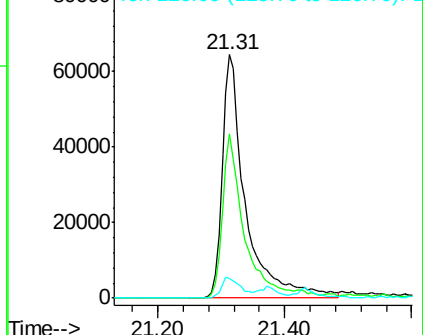
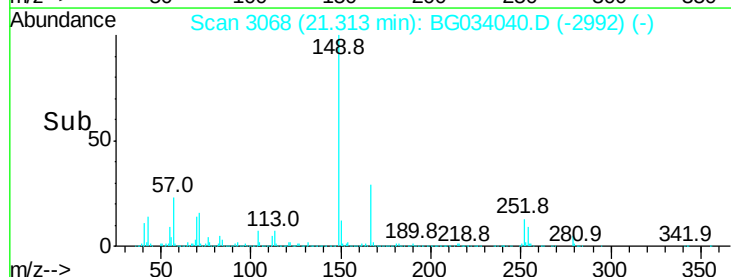
Ion	Ratio	Lower	Upper
252	100		
254	67.3	50.8	76.2
126	8.2	7.4	11.2

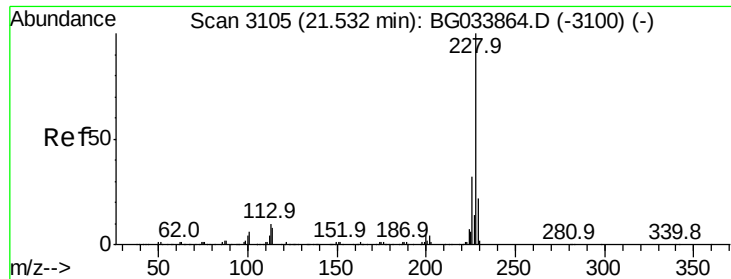


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 39.585 ng

RT: 21.44 min Scan# 3089

Delta R.T. -0.10 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

ClientSampleId :

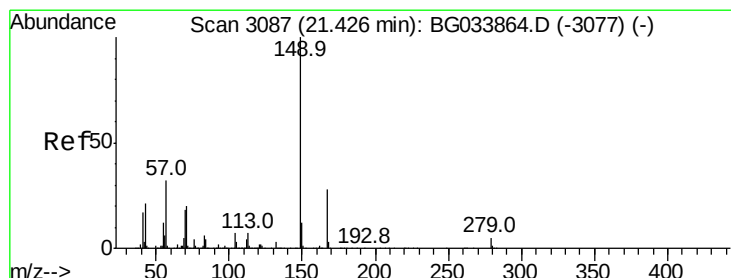
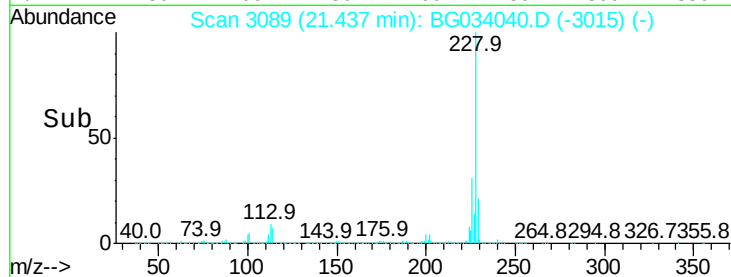
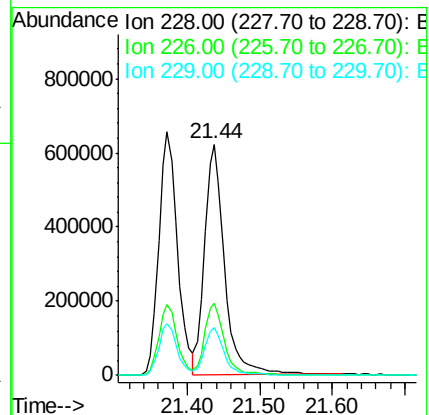
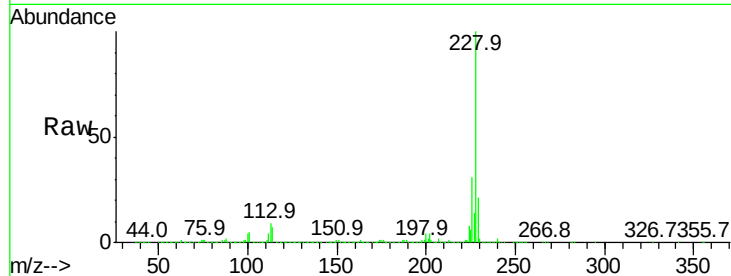
Tot Ion:228 Resp: 1186104

Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

229 20.7 15.0 22.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 35.548 ng

RT: 21.31 min Scan# 3067

Delta R.T. -0.12 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

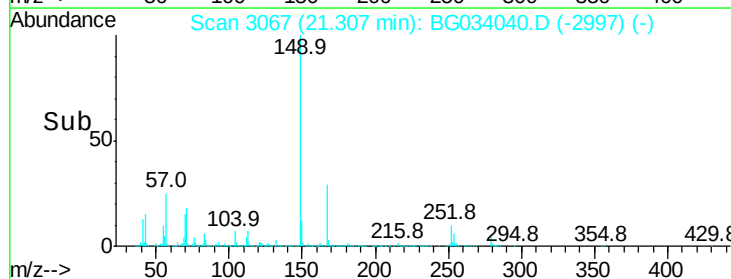
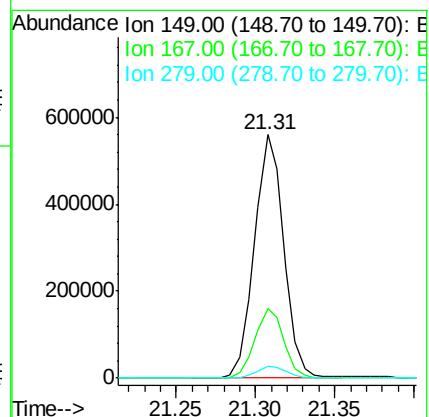
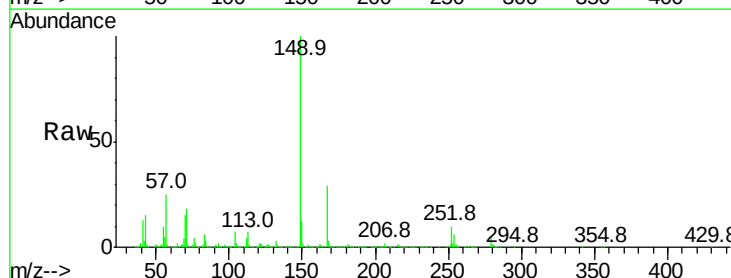
Tgt Ion:149 Resp: 719560

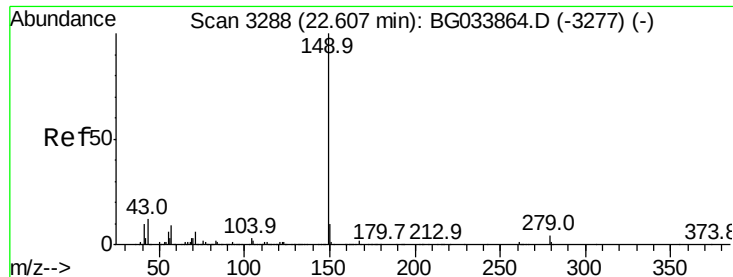
Ion Ratio Lower Upper

149 100

167 28.6 24.3 36.5

279 4.7 4.0 6.0





#84

Di-n-octyl phthalate

Concen: 38.119 ng

RT: 22.45 min Scan# 3261

Delta R.T. -0.16 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

ClientSampleId :

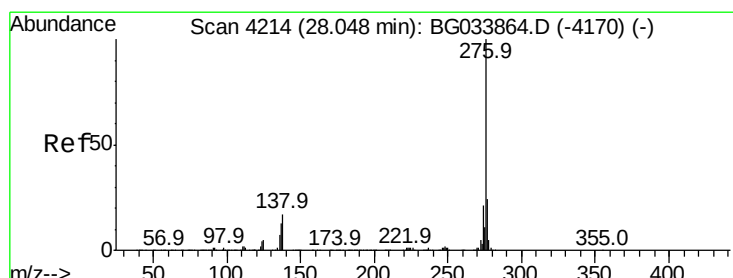
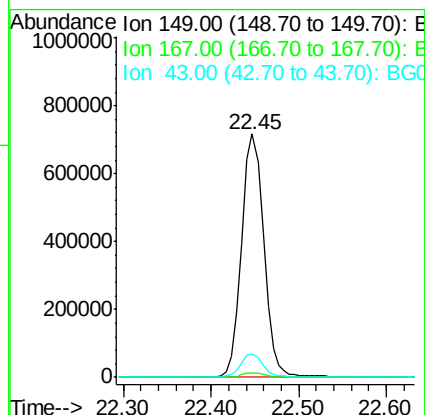
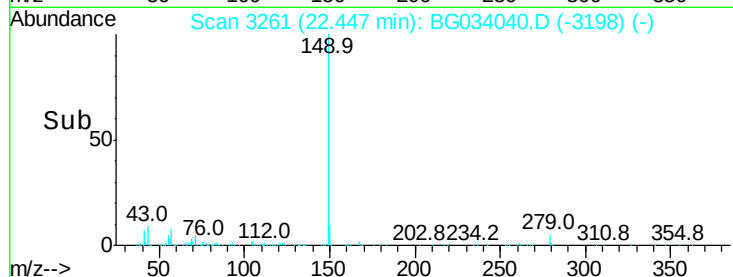
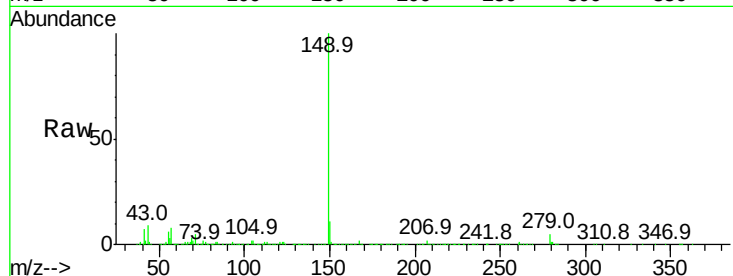
Tot Ion:149 Resp: 1224737

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 9.1 8.9 13.3



#85

Indeno(1,2,3-cd)pyrene

Concen: 38.531 ng

RT: 27.79 min Scan# 4170

Delta R.T. -0.26 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

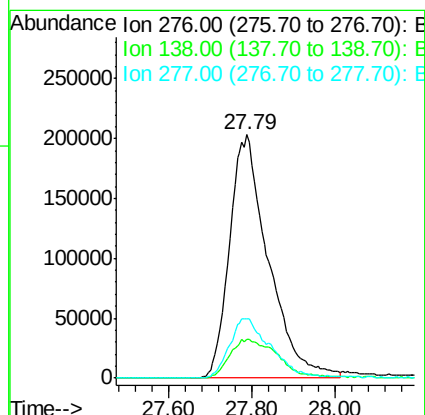
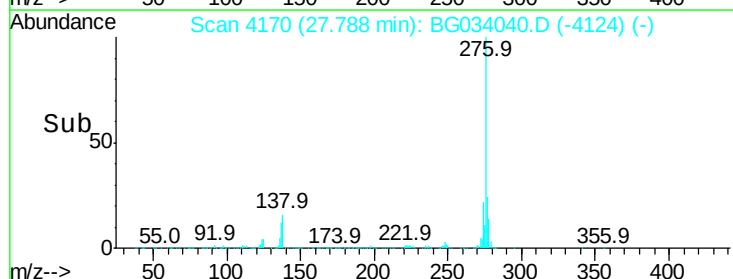
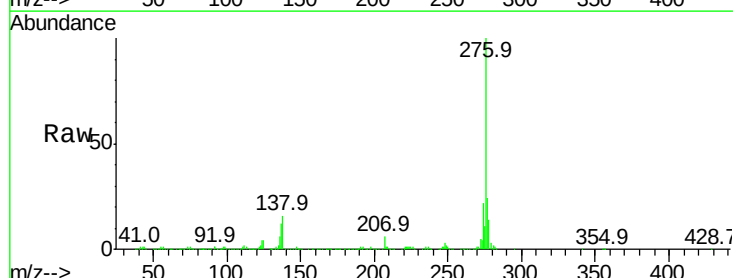
Tgt Ion:276 Resp: 1314209

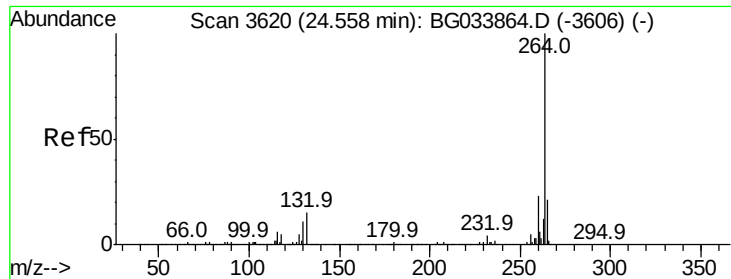
Ion Ratio Lower Upper

276 100

138 19.7 16.0 24.0

277 25.8 20.0 30.0

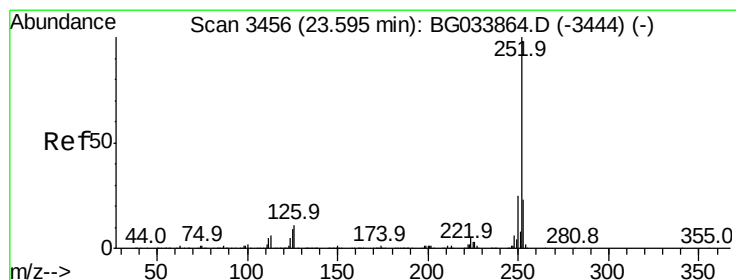
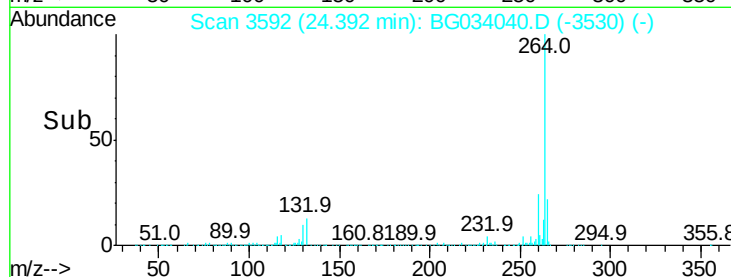
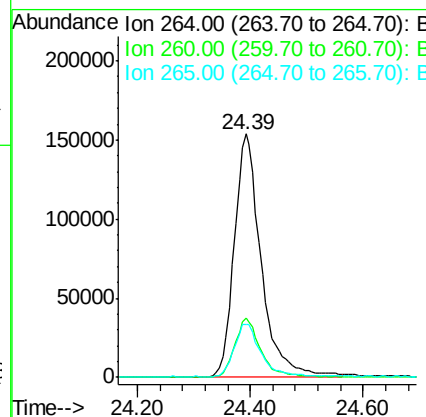
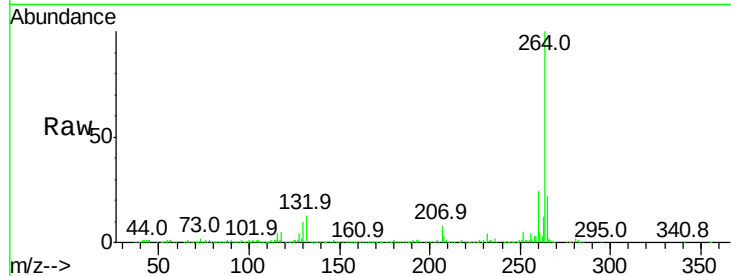




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.39 min Scan# 3592
Delta R.T. -0.17 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

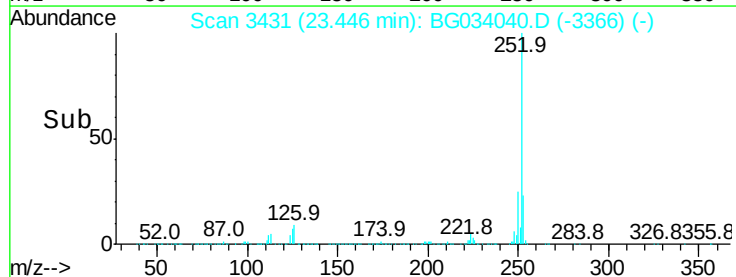
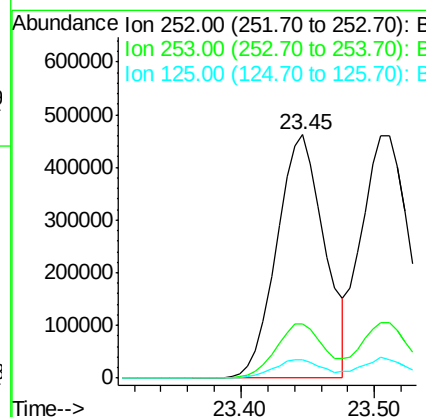
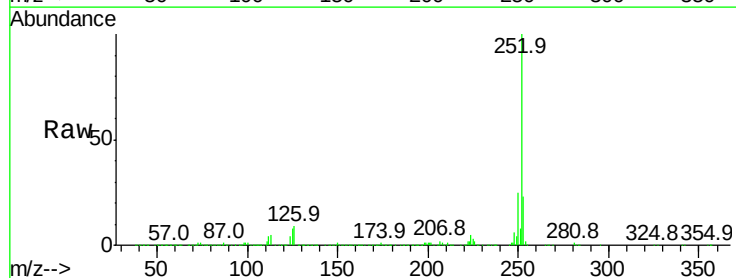
Instrument :
BNA_G
ClientSampleId :

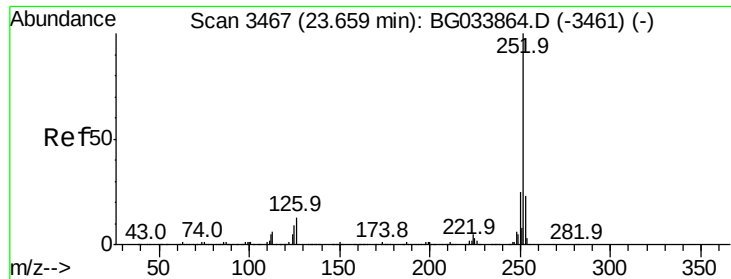
Tot Ion:264 Resp: 512153
Ion Ratio Lower Upper
264 100
260 24.3 17.4 26.0
265 21.9 17.7 26.5



#87
Benzo(b)fluoranthene
Concen: 36.599 ng
RT: 23.45 min Scan# 3431
Delta R.T. -0.15 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion:252 Resp: 1143509
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 7.5 7.2 10.8

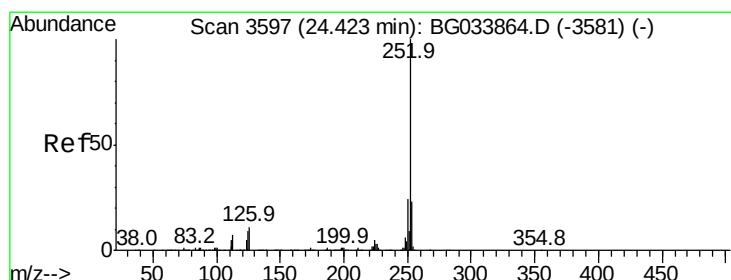
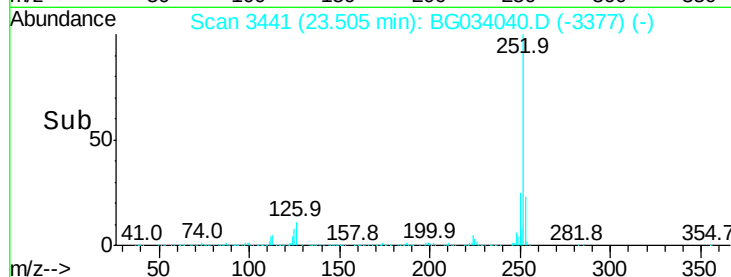
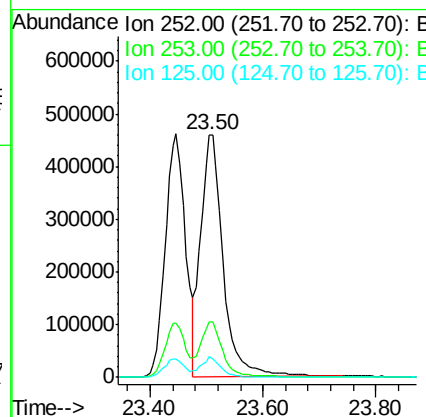
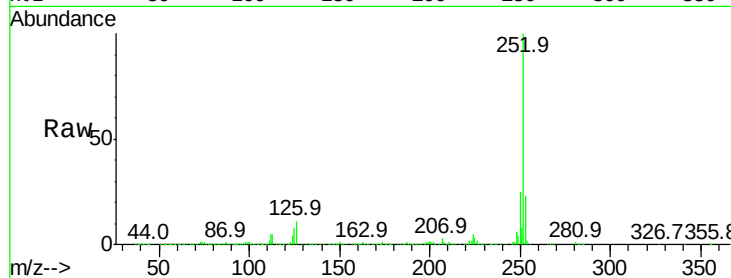




#88
Benzo(k)fluoranthene
Concen: 40.749 ng
RT: 23.50 min Scan# 3441
Delta R.T. -0.15 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

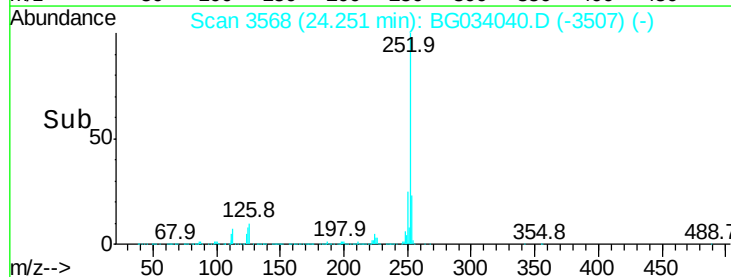
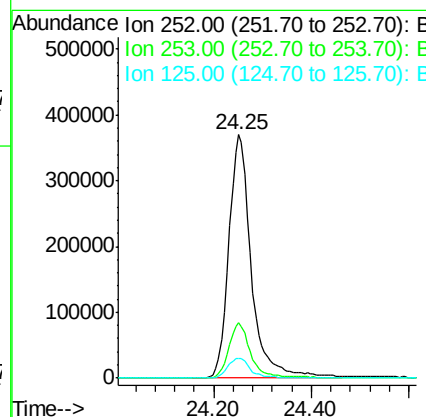
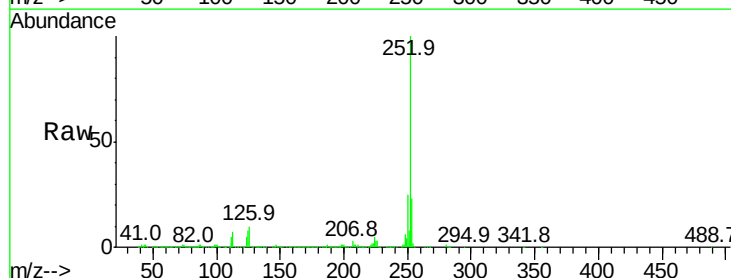
Instrument :
BNA_G
ClientSampleId :

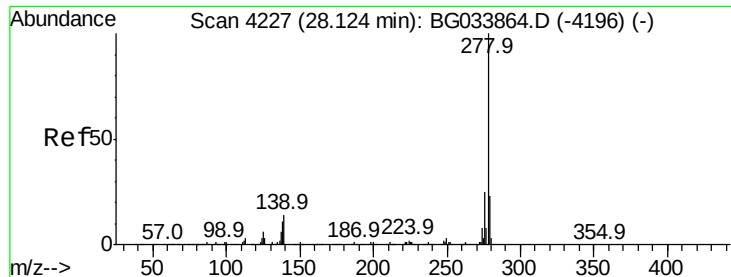
Tot Ion:252 Resp: 1264675
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 8.4 6.6 9.8



#89
Benzo(a)pyrene
Concen: 39.246 ng
RT: 24.25 min Scan# 3568
Delta R.T. -0.17 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion:252 Resp: 1174349
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 8.0 7.3 10.9





#90

Dibenzo(a,h)anthracene

Concen: 37.619 ng

RT: 27.85 min Scan# 4180

Delta R.T. -0.28 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

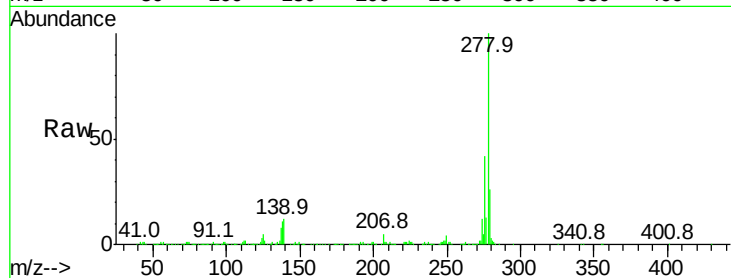
Instrument :

BNA_G

ClientSampled :

Tot Ion:278 Resp: 1089211

Ion	Ratio	Lower	Upper
278	100		
139	11.9	9.8	14.6
279	25.6	18.4	27.6

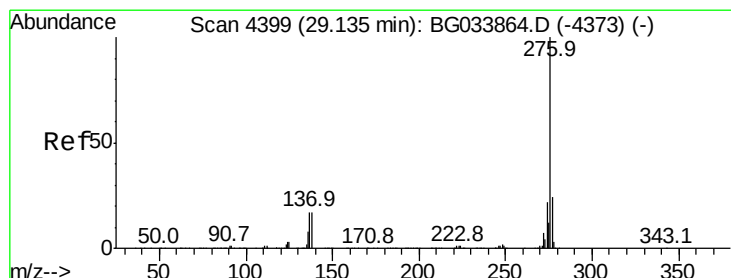
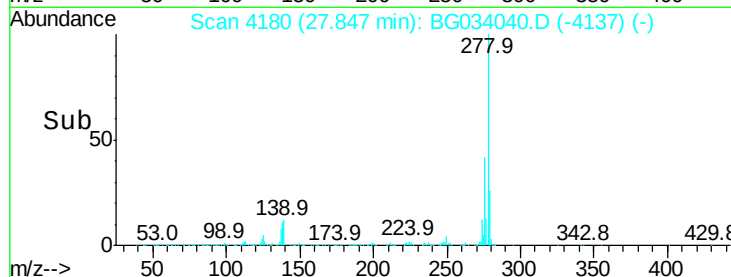
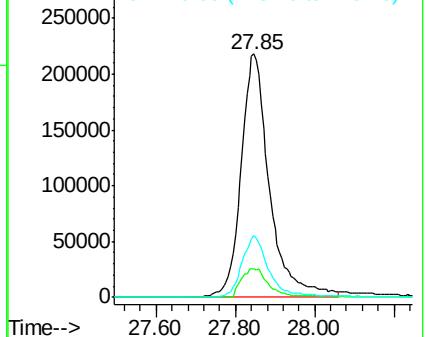


Abundance

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(g,h,i)perylene

Concen: 38.868 ng

RT: 28.83 min Scan# 4348

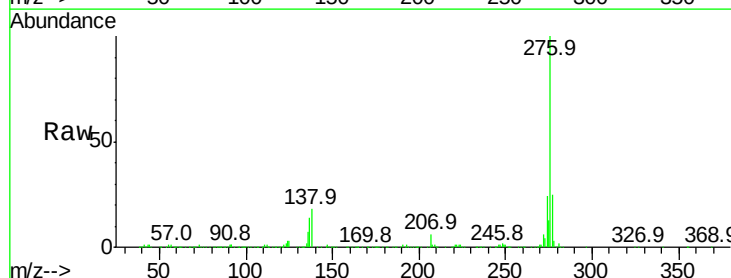
Delta R.T. -0.30 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Tgt Ion:276 Resp: 1107357

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.3	27.5
138	17.5	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

