

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111017\
 Data File : BG030910.D
 Acq On : 10 Nov 2017 16:20
 Operator : SJ/JU
 Sample : I6298-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 11 04:57:26 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43110	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	202786	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	135495	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	345865	20.00	ng	0.00
75) Chrysene-d12	21.78	240	388906	20.00	ng	0.00
86) Perylene-d12	25.09	264	401300	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	245752	97.75	ng	0.00
7) Phenol-d6	7.31	99	334549	98.78	ng	0.00
23) Nitrobenzene-d5	9.31	82	209349	61.17	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	203927	93.04	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	598404	63.46	ng	-0.01
78) Terphenyl-d14	20.10	244	1121955	63.70	ng	0.00

Target Compounds						Qvalue
6) Aniline	7.55	93	226387	50.79	ng	# 53
11) bis(2-Chloroethyl)ether	7.55	93	226387	80.61	ng	91
12) 1,3-Dichlorobenzene	8.04	146	472397	145.13	ng	97
13) 1,4-Dichlorobenzene	8.18	146	226713	68.73	ng	94
14) 1,2-Dichlorobenzene	8.50	146	329050	103.93	ng	96
18) Hexachloroethane	9.23	117	73020	63.60	ng	98
25) Isophorone	9.88	82	1160784	173.92	ng	# 91
26) 2-Nitrophenol	10.07	139	324054	177.84	ng	90
27) 2,4-Dimethylphenol	10.07	122	21064	7.79	ng	# 5
28) bis(2-Chloroethoxy)methane	10.35	93	225495	53.64	ng	97
32) Benzoic acid	10.07	122	21064	13.91	ng	# 1
34) Hexachlorobutadiene	11.29	225	270687	100.64	ng	94
36) 4-Chloro-3-methylphenol	12.23	107	376557	106.51	ng	88
37) 2-Methylnaphthalene	12.61	142	574521	74.66	ng	95
42) 2,4,6-Trichlorophenol	13.21	196	401444	130.58	ng	98
43) 2,4,5-Trichlorophenol	13.29	196	530762	157.79	ng	93
48) Acenaphthylene	14.49	152	1573823	118.62	ng	97
49) Dimethylphthalate	14.21	163	975666	83.28	ng	99
50) 2,6-Dinitrotoluene	14.21	165	11787	4.88	ng	# 21
51) Acenaphthene	14.83	154	40853	4.93	ng	92
54) Dibenzofuran	15.16	168	1273431	96.48	ng	97
55) 4-Nitrophenol	14.99	139	297502	162.89	ng	# 85
57) Fluorene	15.82	166	1125488	105.03	ng	98
59) Diethylphthalate	15.57	149	708723	59.56	ng	98
60) 4-Chlorophenyl-phenylether	15.80	204	565998	87.46	ng	92
61) 4-Nitroaniline	15.81	138	16391	6.04	ng	# 18
62) Azobenzene	16.11	77	53930	5.94	ng	# 1
65) n-Nitrosodiphenylamine	15.80	169	55305	5.28	ng	# 58
66) 4-Bromophenyl-phenylether	16.69	248	319001	72.82	ng	95
67) Hexachlorobenzene	16.82	284	475075	102.07	ng	94
68) Atrazine	17.16	200	55416	12.82	ng	# 35
69) Pentachlorophenol	17.16	266	305166	118.61	ng	99
70) Phenanthrene	17.55	178	797547	44.29	ng	99
71) Anthracene	17.55	178	797547	44.20	ng	99

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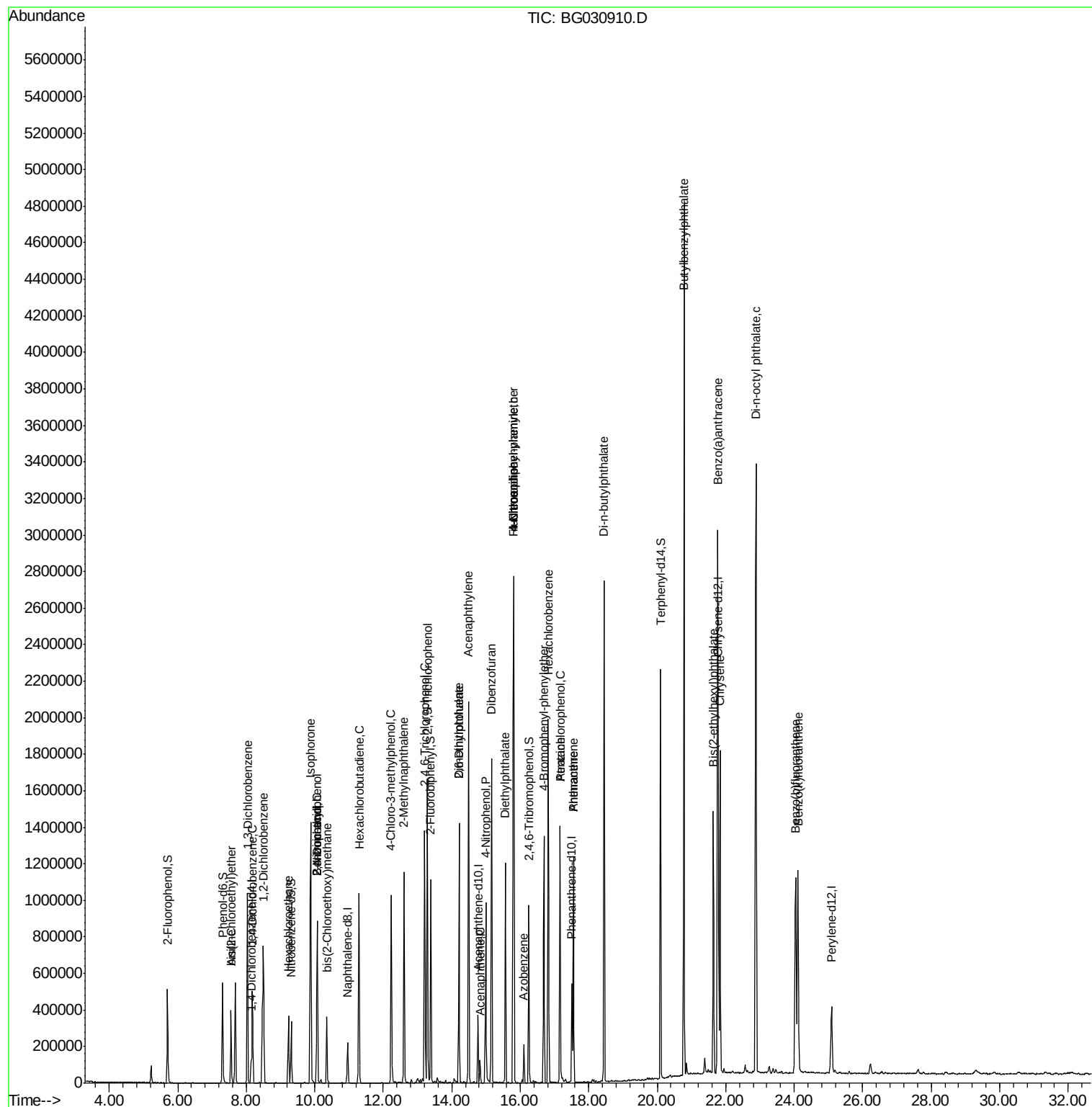
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Di-n-butylphthalate	18.45	149	2011727	96.91	nq	96
79) Butylbenzylphthalate	20.78	149	1526046	165.85	nq #	89
80) Benzo(a)anthracene	21.77	228	2081942	86.18	nq	95
82) Chrysene	21.83	228	1152594	51.58	nq	97
83) Bis(2-ethylhexyl)phthalate	21.64	149	632141	47.59	nq #	99
84) Di-n-octyl phthalate	22.88	149	3068633	141.95	nq	98
87) Benzo(b)fluoranthene	24.04	252	1204901	49.64	nq #	97
88) Benzo(k)fluoranthene	24.11	252	1047282	43.53	nq	97

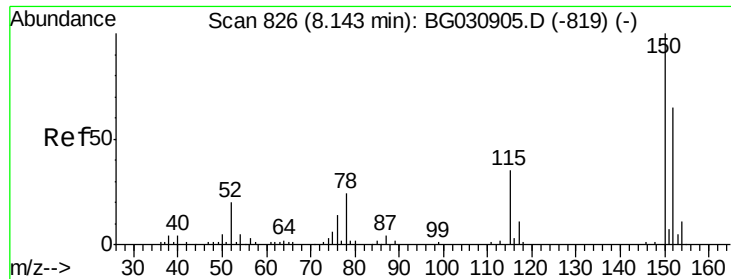
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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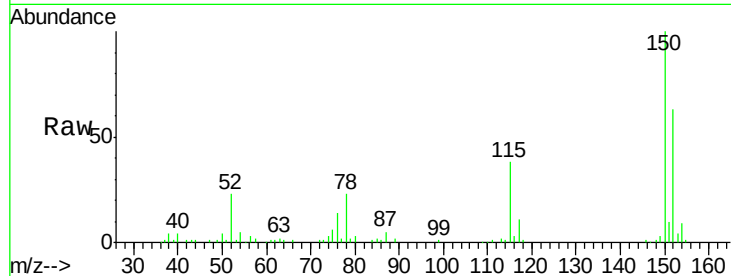


#1

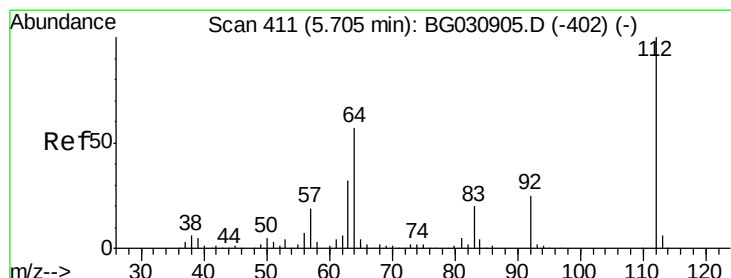
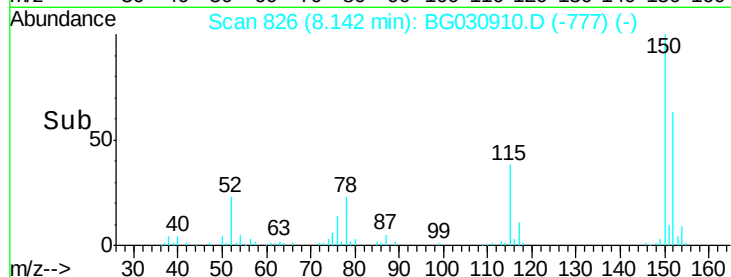
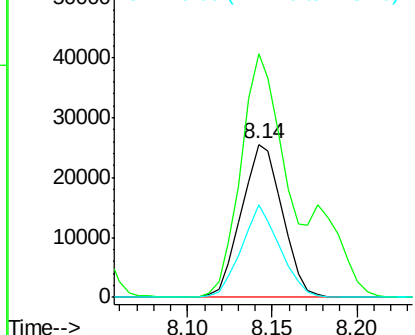
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 43110
Ion Ratio Lower Upper
152 100
150 159.1 126.6 189.8
115 60.1 53.0 79.4



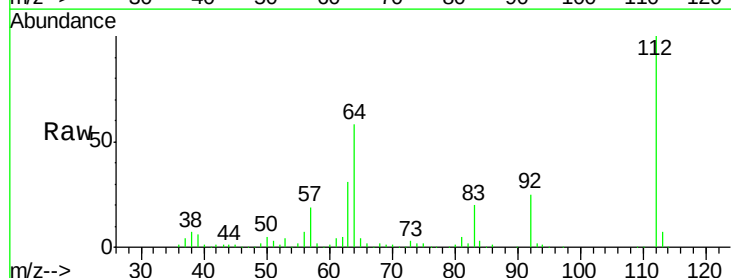
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



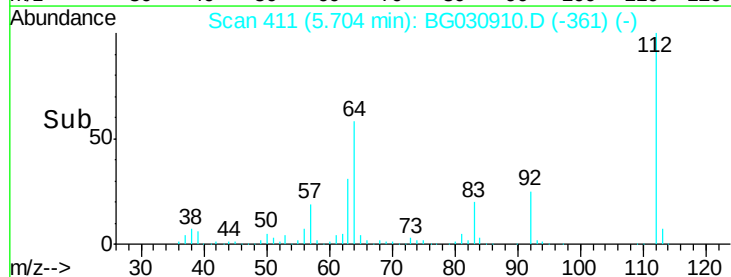
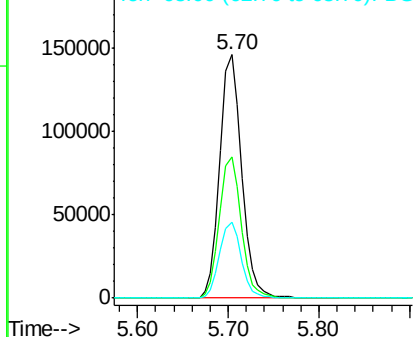
#5

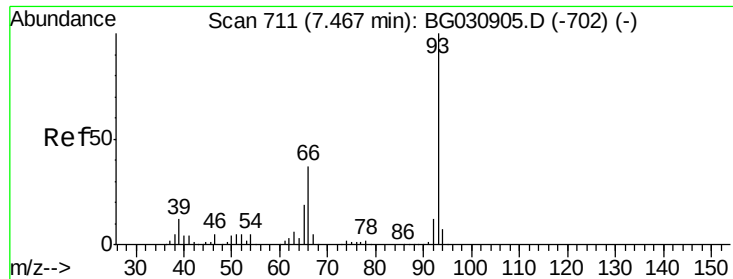
2-Fluorophenol
Concen: 97.75 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Tgt Ion:112 Resp: 245752
Ion Ratio Lower Upper
112 100
64 57.9 56.3 84.5
63 31.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#6

Aniline

Concen: 50.79 ng

RT: 7.55 min Scan# 726

Delta R.T. 0.08 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampleId :

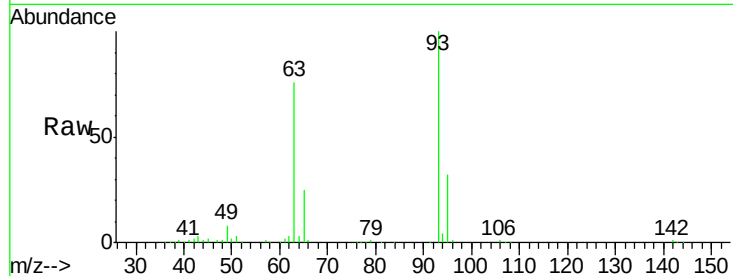
Tot Ion: 93 Resp: 226387

Ion Ratio Lower Upper

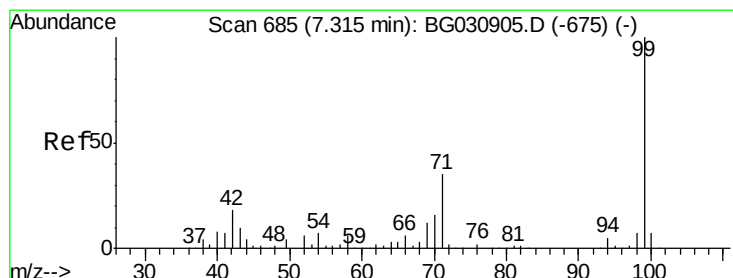
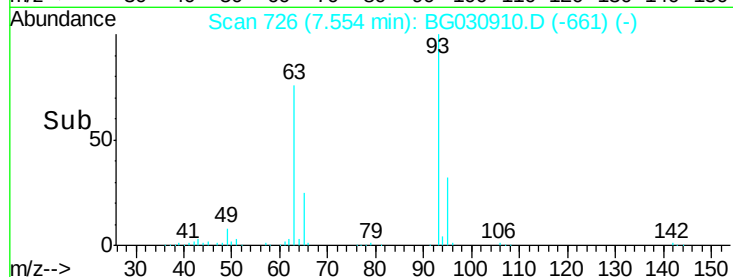
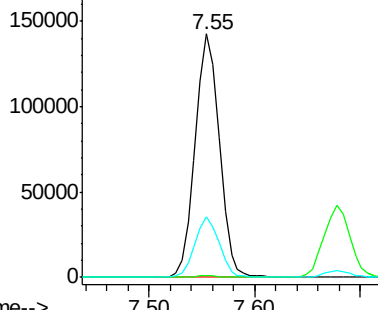
93 100

66 0.7 33.7 50.5#

65 24.7 16.1 24.1#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 98.78 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

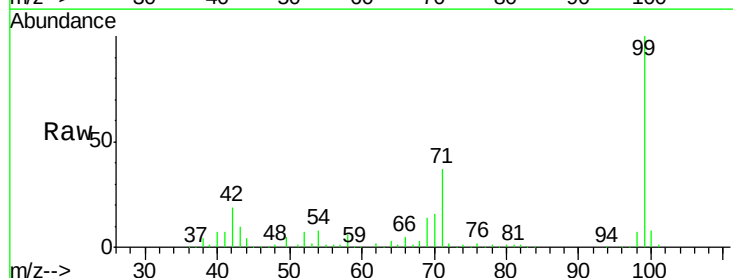
Tgt Ion: 99 Resp: 334549

Ion Ratio Lower Upper

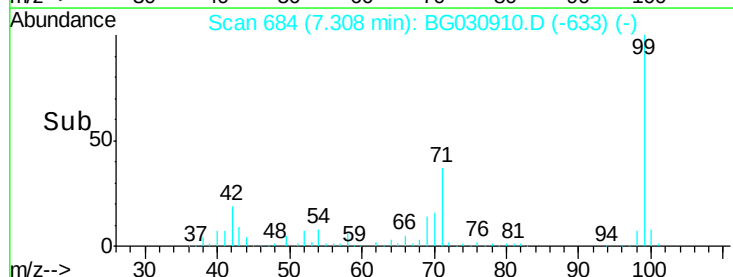
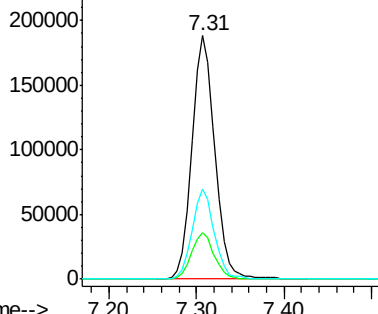
99 100

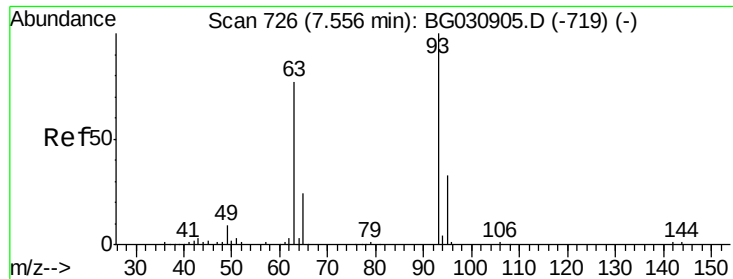
42 19.3 14.1 21.1

71 37.2 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





#11

bis(2-Chloroethyl)ether

Concen: 80.61 ng

RT: 7.55 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampleId :

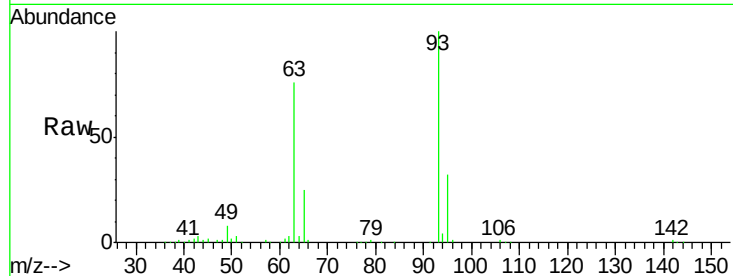
Tot Ion: 93 Resp: 226387

Ion Ratio Lower Upper

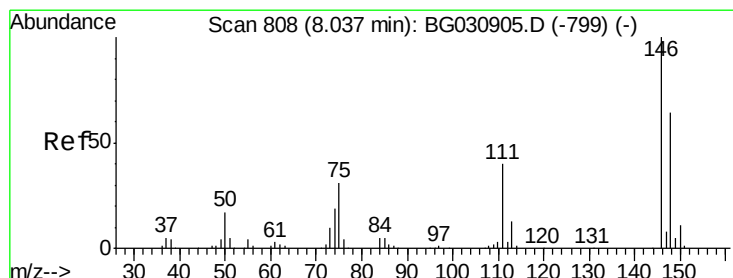
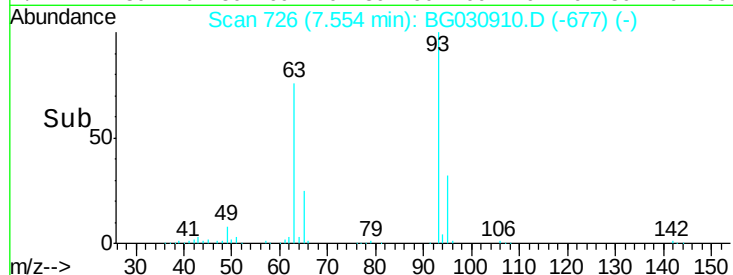
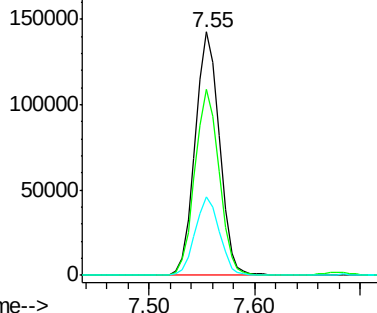
93 100

63 76.4 67.1 107.1

95 32.2 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 145.13 ng

RT: 8.04 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

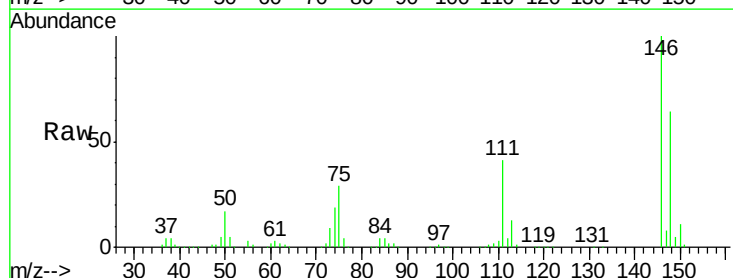
Tgt Ion: 146 Resp: 472397

Ion Ratio Lower Upper

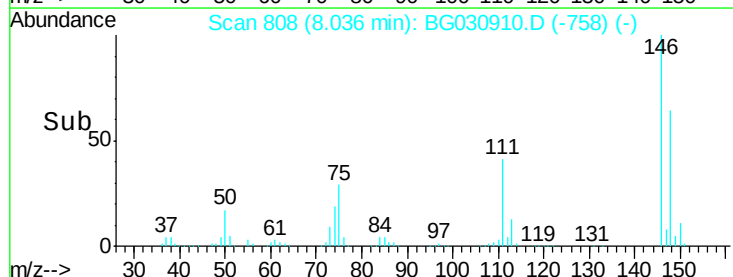
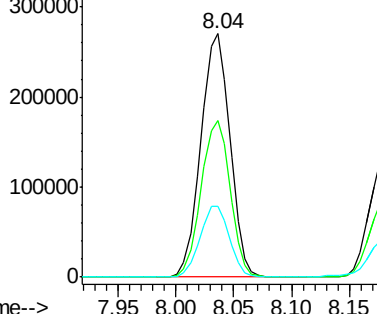
146 100

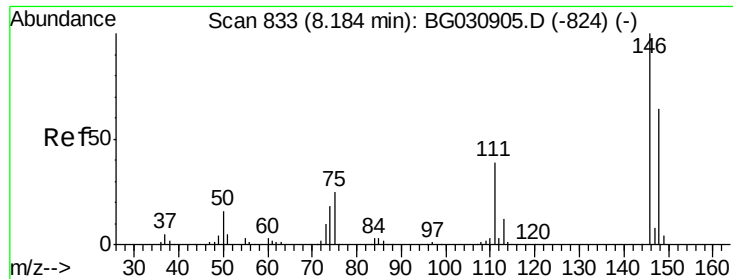
148 64.5 51.4 77.2

75 29.2 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

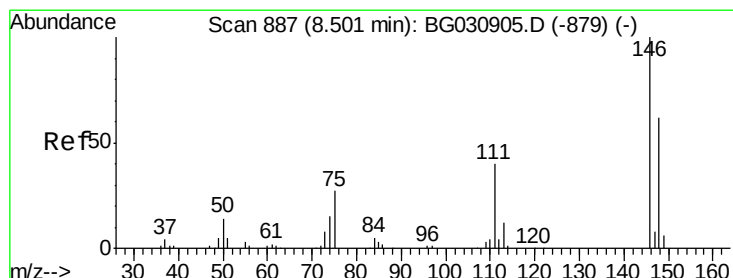
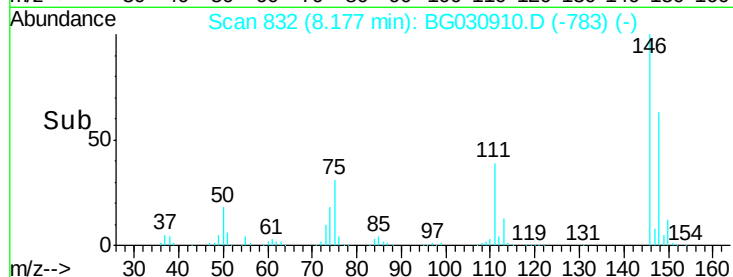
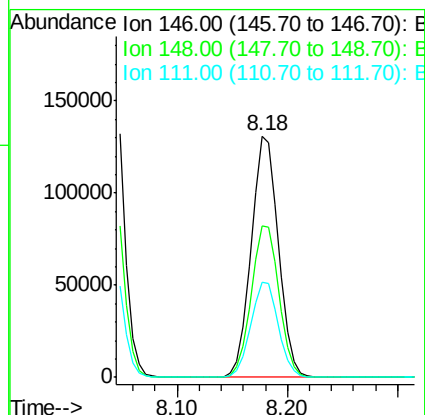
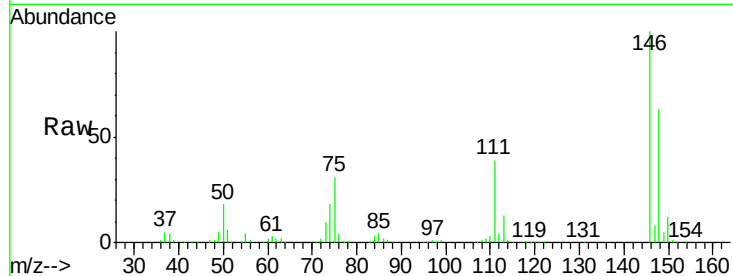




#13
 1,4-Dichlorobenzene
 Concen: 68.73 ng
 RT: 8.18 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BG030910.D
 Acq: 10 Nov 2017 16:20

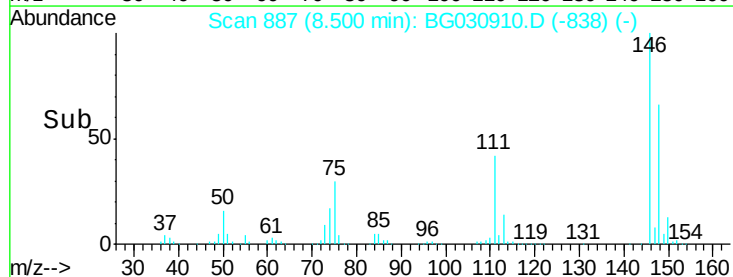
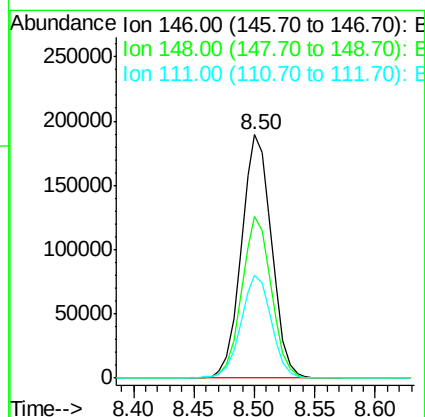
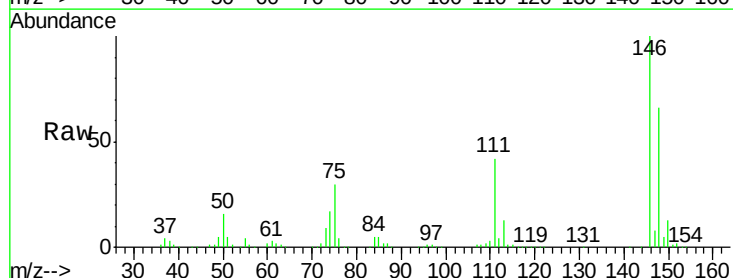
Instrument :
 BNA_G
 ClientSampleId :

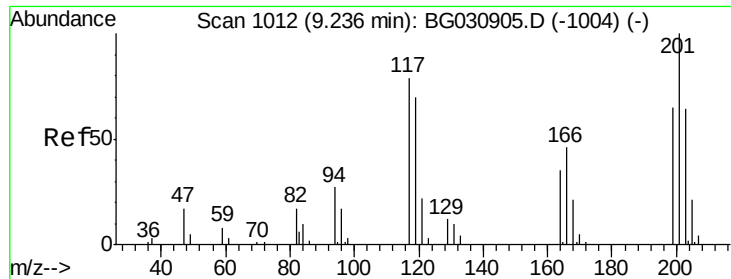
Tot Ion:146 Resp: 226713
 Ion Ratio Lower Upper
 146 100
 148 62.7 53.7 80.5
 111 39.2 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 103.93 ng
 RT: 8.50 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BG030910.D
 Acq: 10 Nov 2017 16:20

Tgt Ion:146 Resp: 329050
 Ion Ratio Lower Upper
 146 100
 148 66.4 49.3 73.9
 111 42.2 34.3 51.5

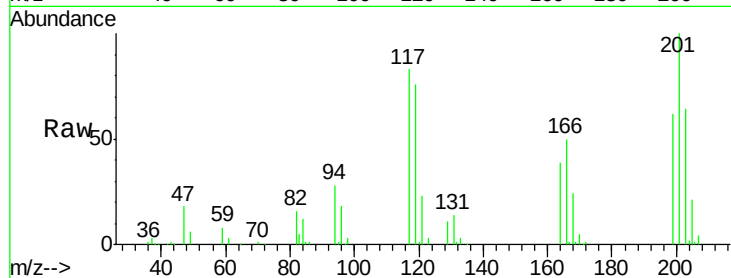




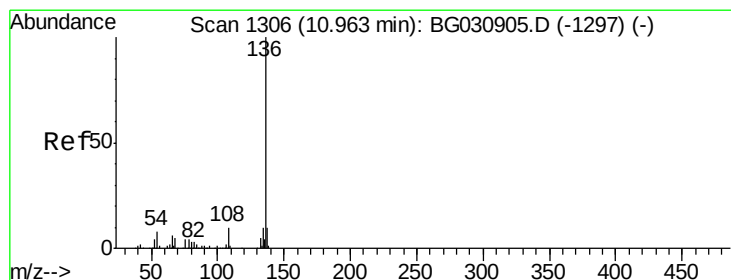
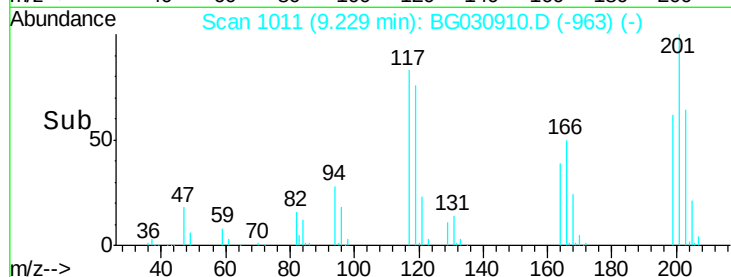
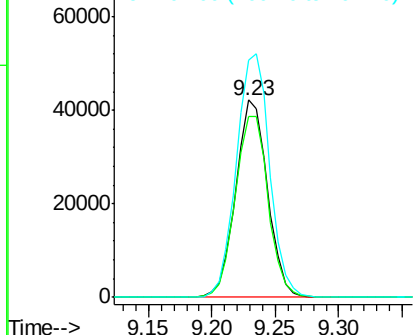
#18
Hexachloroethane
Concen: 63.60 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:117 Resp: 73020
Ion Ratio Lower Upper
117 100
119 91.9 76.7 115.1
201 120.3 95.7 143.5

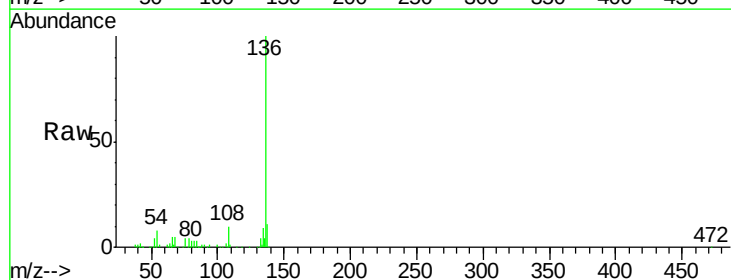


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

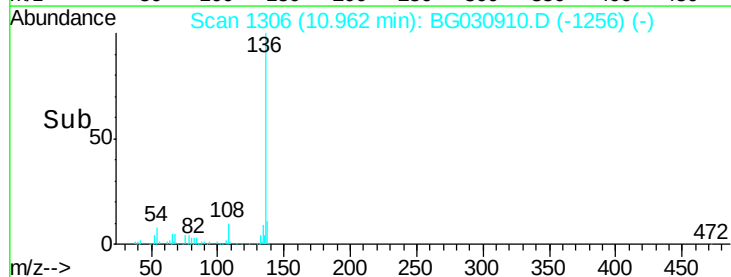
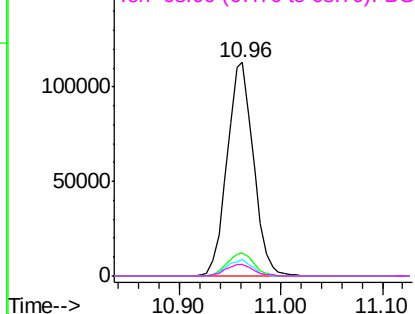


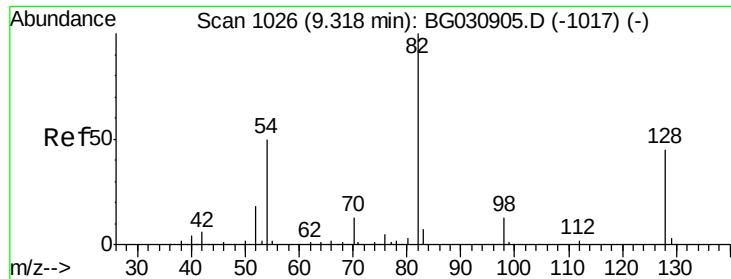
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Tgt Ion:136 Resp: 202786
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 8.0 10.3 15.5#
68 5.2 4.5 6.7



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

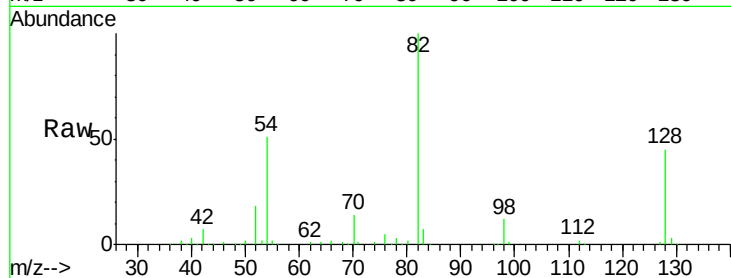




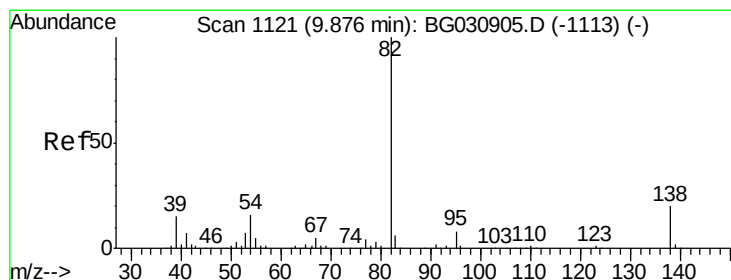
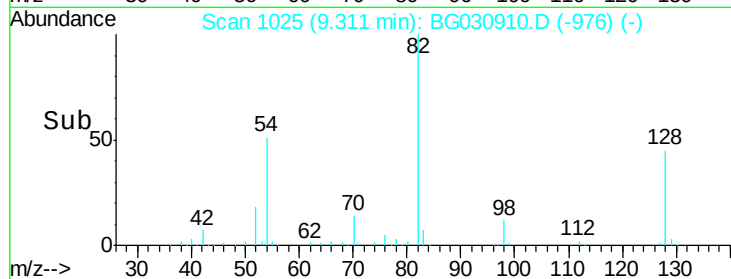
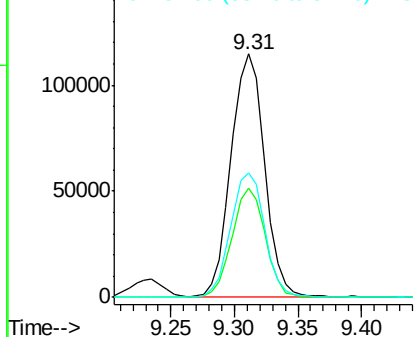
#23
Nitrobenzene-d5
Concen: 61.17 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	209349
Ion Ratio	Lower	Upper	
82	100		
128	44.9	29.7	44.5#
54	51.0	43.1	64.7

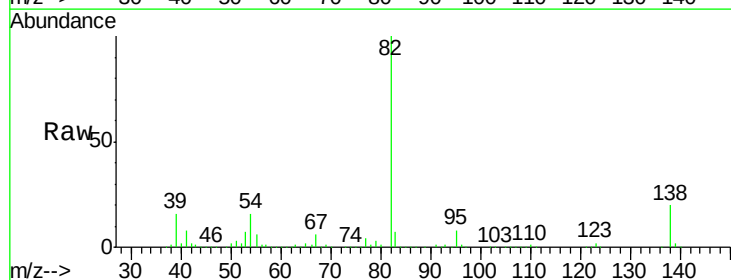


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

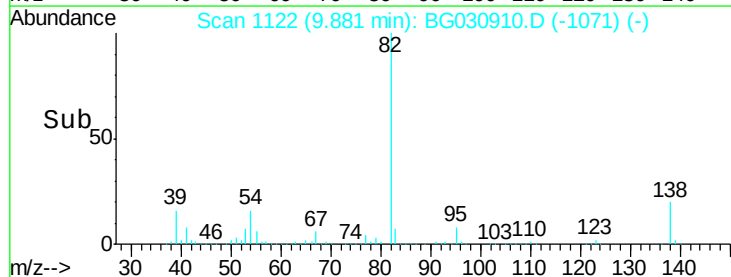
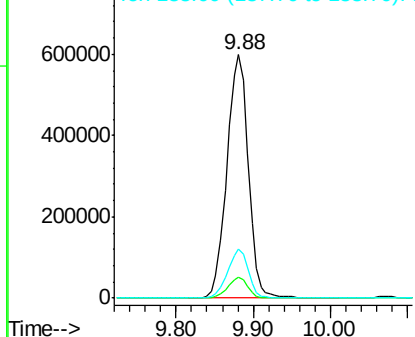


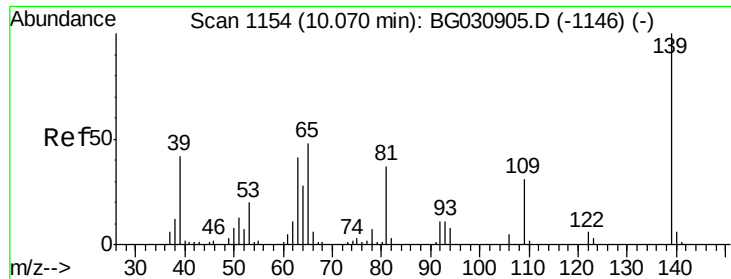
#25
Isophorone
Concen: 173.92 ng
RT: 9.88 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Tgt Ion	82	Resp	1160784
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.2	9.2
138	20.2	12.1	18.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

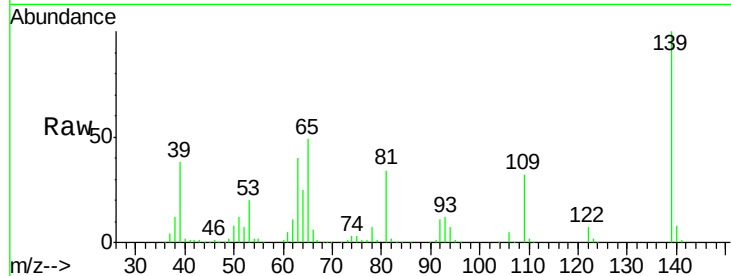




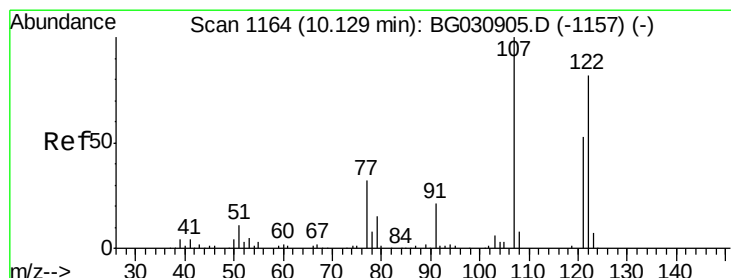
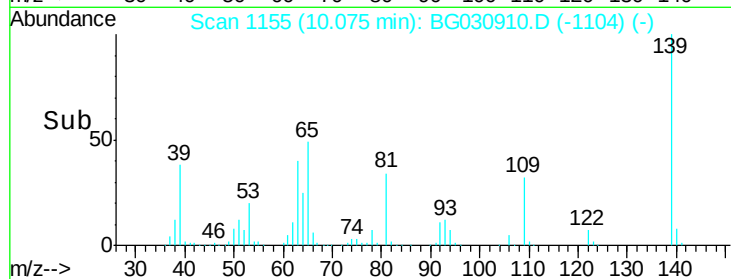
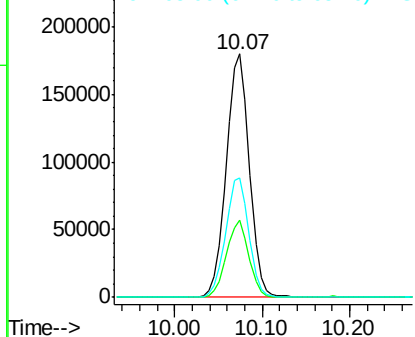
#26
2-Nitrophenol
Concen: 177.84 ng
RT: 10.07 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	31.6	24.2	36.2
65	48.8	47.4	71.0

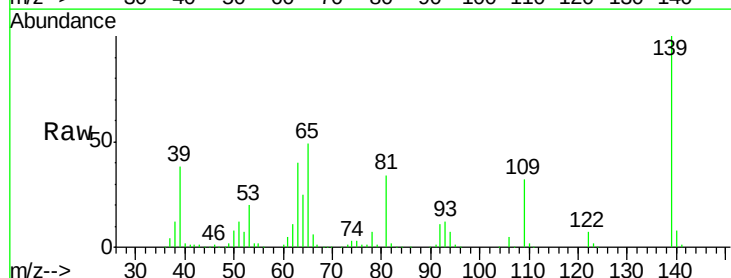


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

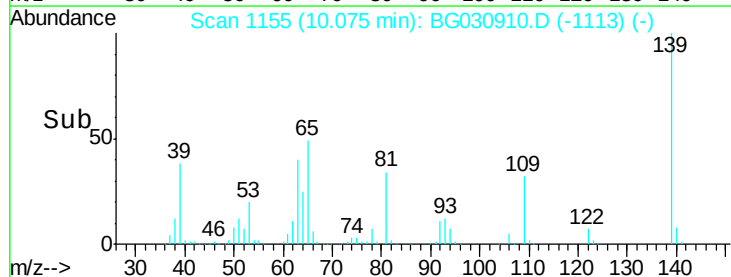
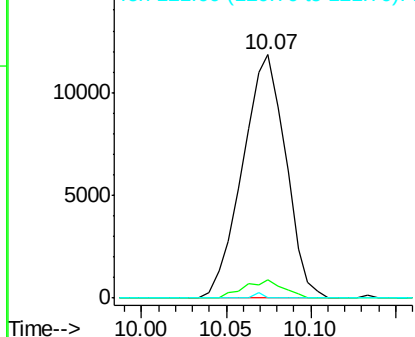


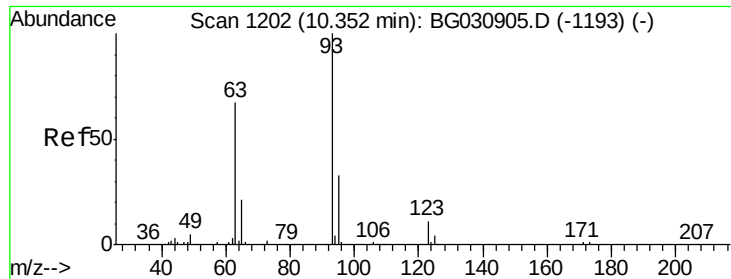
#27
2,4-Dimethylphenol
Concen: 7.79 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.05 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Tgt Ion	Ratio	Lower	Upper
122	100		
107	7.6	100.2	150.2#
121	0.0	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

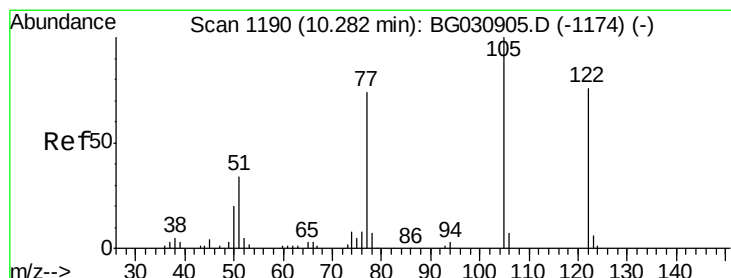
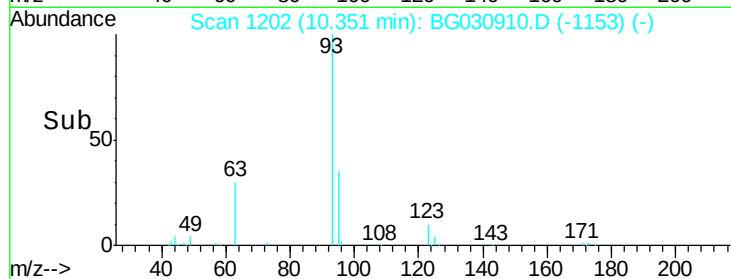
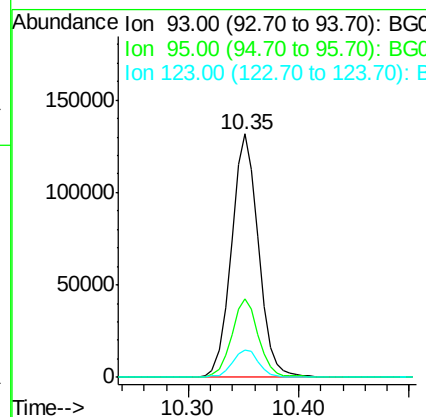
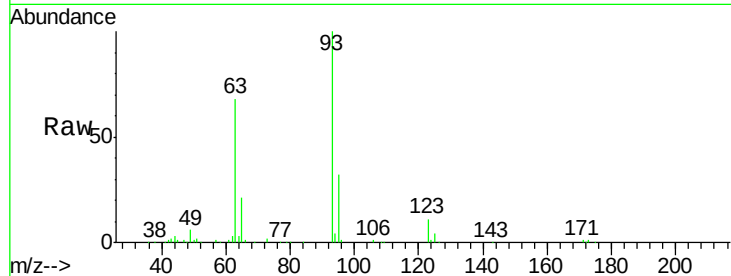




#28
bis(2-Chloroethoxy)methane
Concen: 53.64 ng
RT: 10.35 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

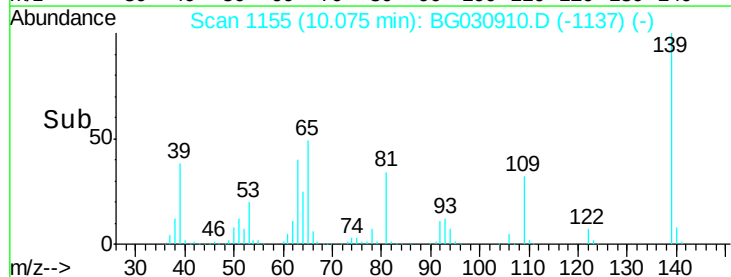
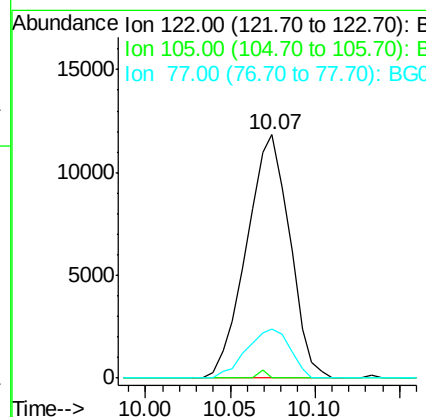
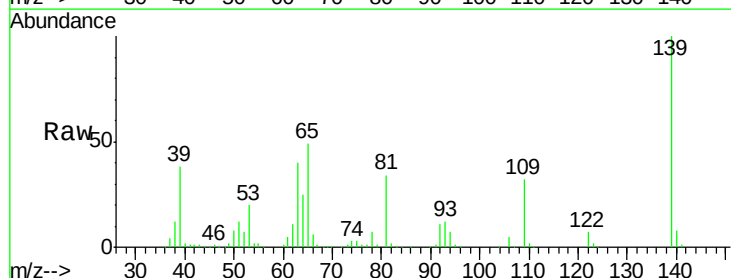
Instrument :
BNA_G
ClientSampleId :

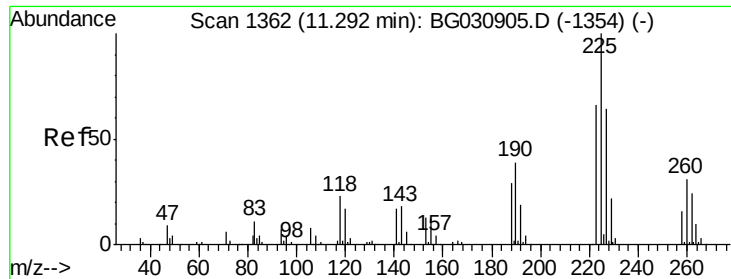
Tot Ion	93	Resp	225495
Ion	Ratio	Lower	Upper
93	100		
95	32.2	24.3	36.5
123	11.0	8.4	12.6



#32
Benzoic acid
Concen: 13.91 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.19 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Tgt Ion	122	Resp	21064
Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	20.4	85.7	125.7#





#34

Hexachlorobutadiene

Concen: 100.64 ng

RT: 11.29 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BG030910.D

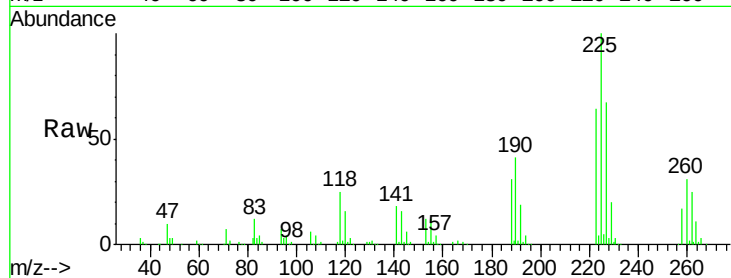
Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	225	Resp:	270687
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.7	74.5
227	66.7	48.1	72.1

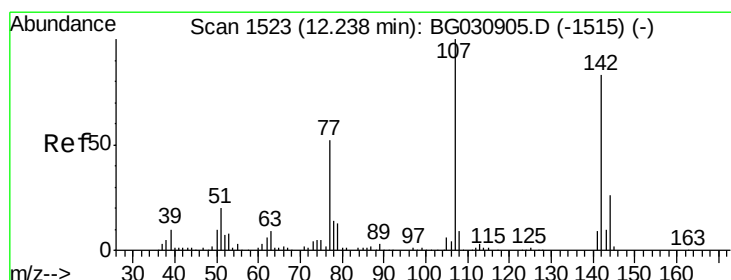
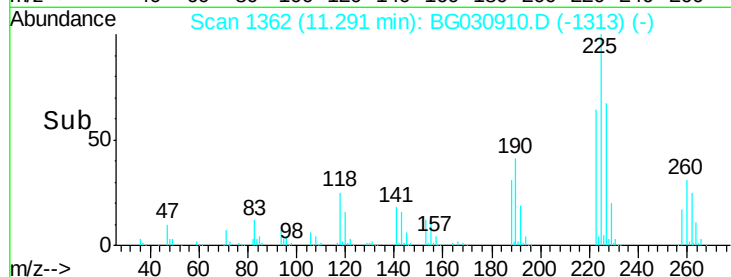
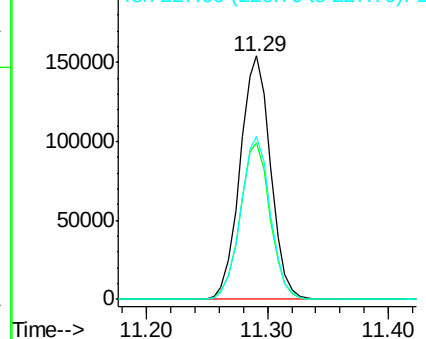


Abundance

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



#36

4-Chloro-3-methylphenol

Concen: 106.51 ng

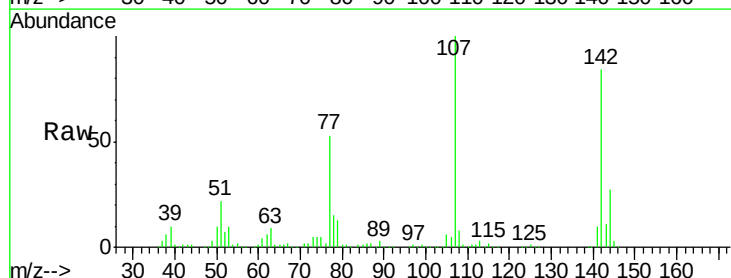
RT: 12.23 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Tgt Ion:	107	Resp:	376557
Ion	Ratio	Lower	Upper
107	100		
144	27.0	18.2	27.4
142	84.2	59.0	88.4

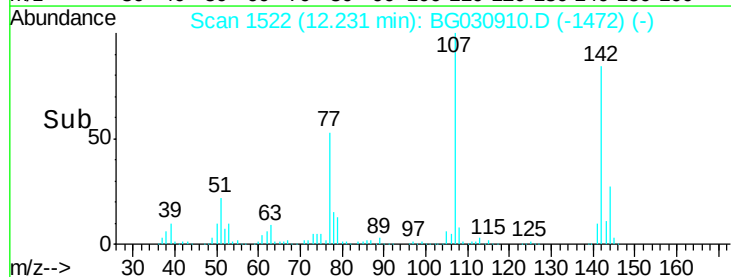
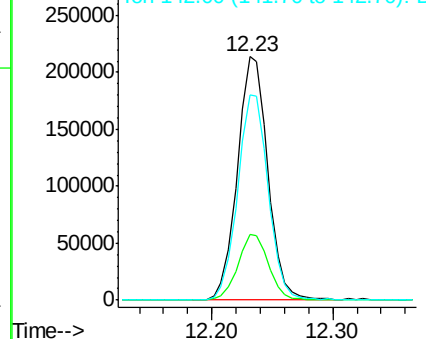


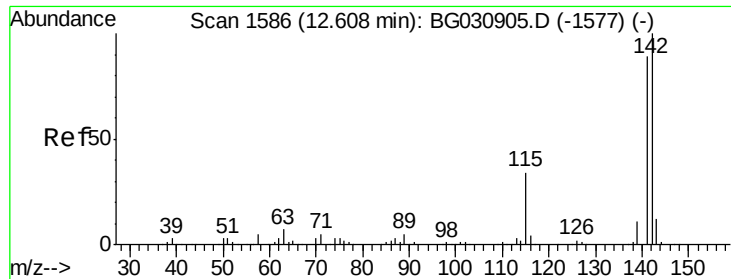
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

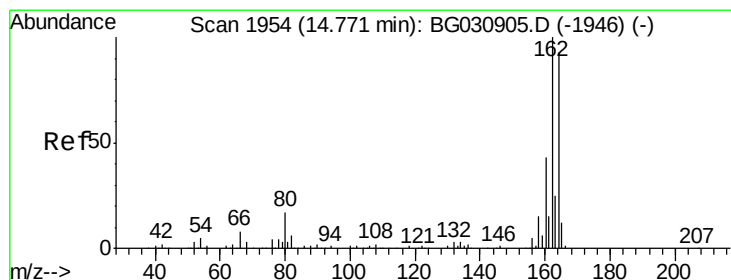
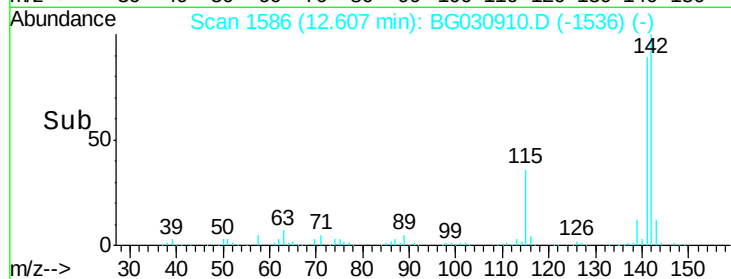
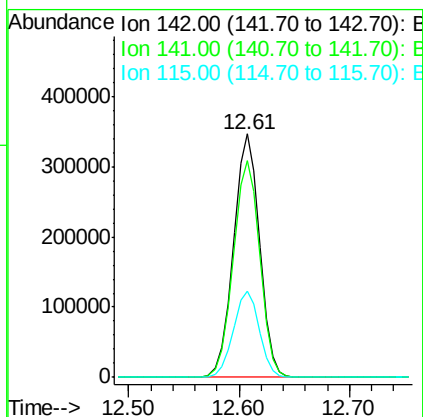
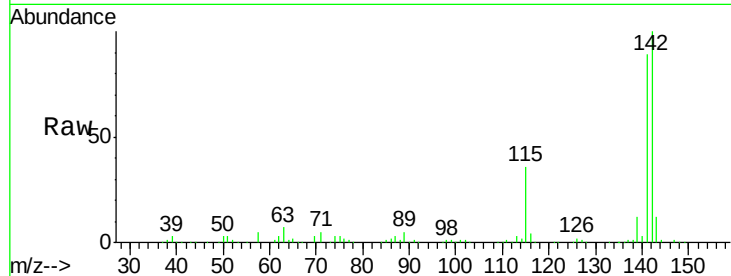




#37
 2-Methylnaphthalene
 Concen: 74.66 ng
 RT: 12.61 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BG030910.D
 Acq: 10 Nov 2017 16:20

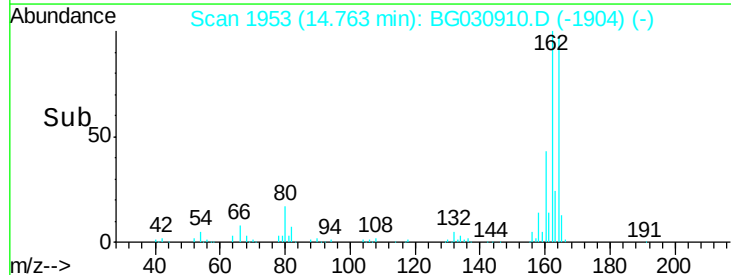
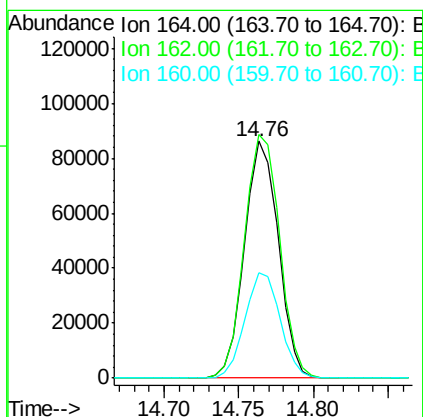
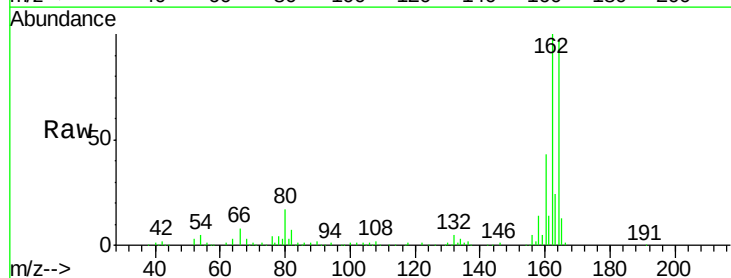
Instrument :
 BNA_G
 ClientSampleId :

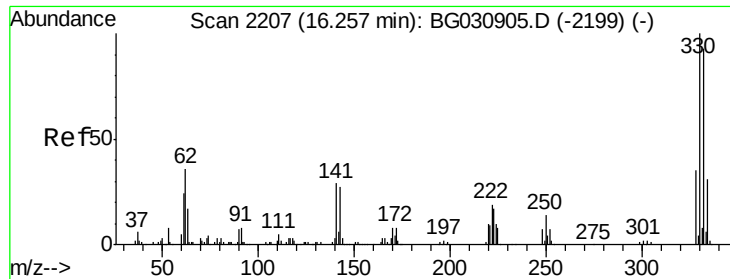
Tot Ion:142 Resp: 574521
 Ion Ratio Lower Upper
 142 100
 141 89.2 67.1 100.7
 115 35.7 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG030910.D
 Acq: 10 Nov 2017 16:20

Tgt Ion:164 Resp: 135495
 Ion Ratio Lower Upper
 164 100
 162 102.9 78.8 118.2
 160 44.7 35.4 53.0

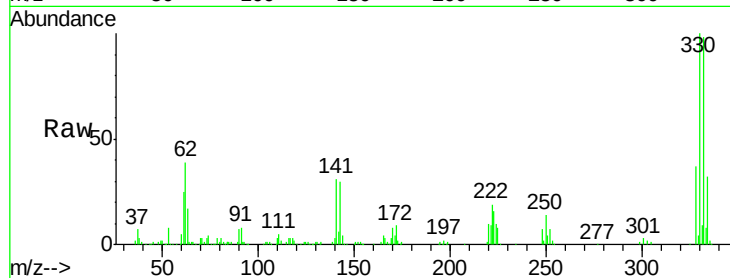




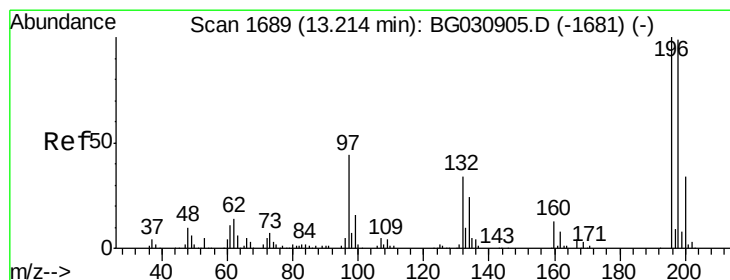
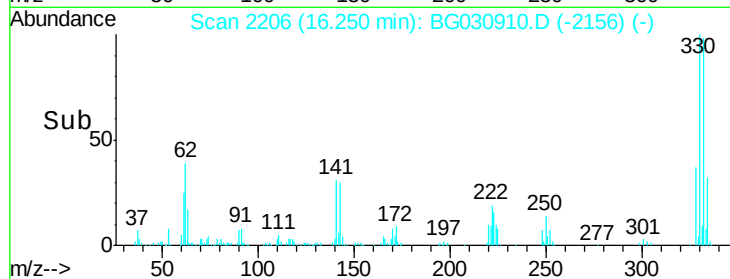
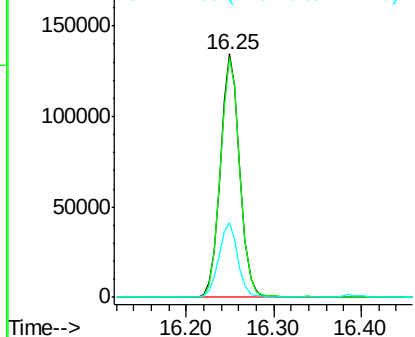
#41
 2,4,6-Tribromophenol
 Concen: 93.04 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030910.D
 Acq: 10 Nov 2017 16:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 203927
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.0 115.6
 141 30.5 25.2 37.8

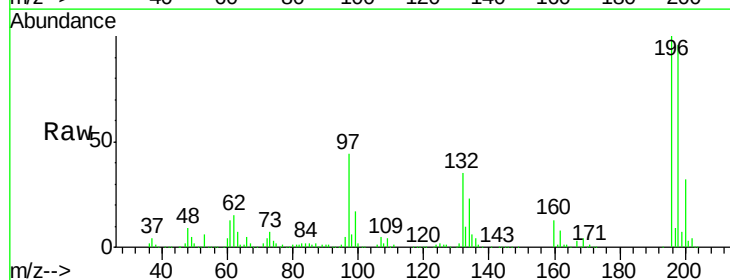


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

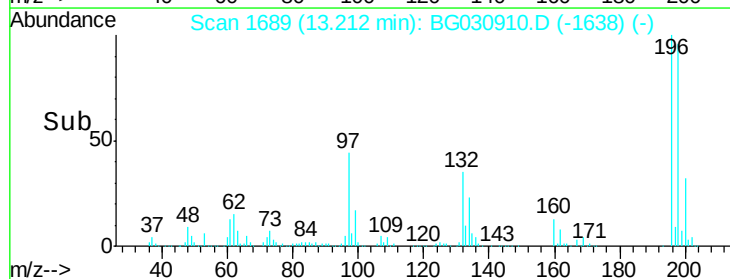
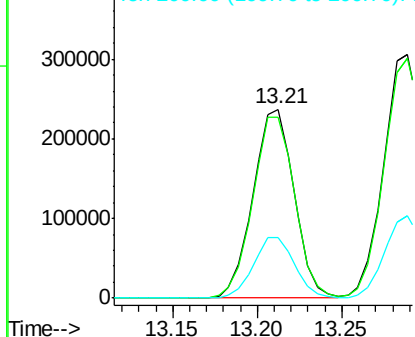


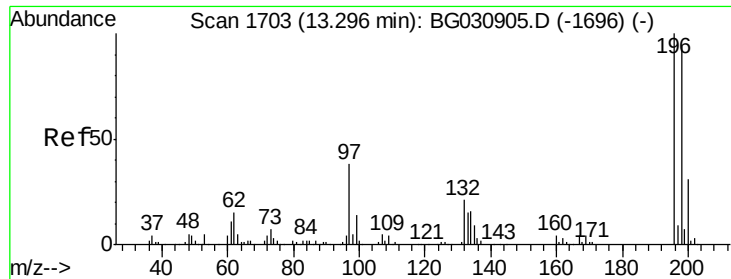
#42
 2,4,6-Trichlorophenol
 Concen: 130.58 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BG030910.D
 Acq: 10 Nov 2017 16:20

Tgt Ion:196 Resp: 401444
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.2 117.2
 200 31.9 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

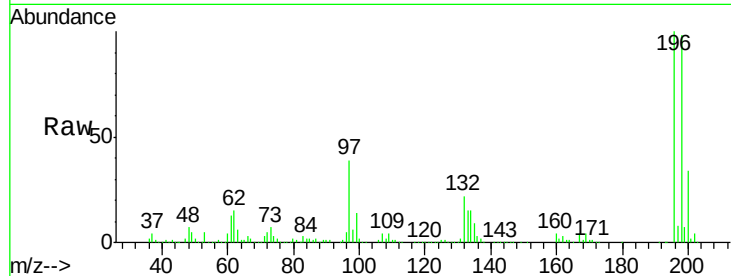




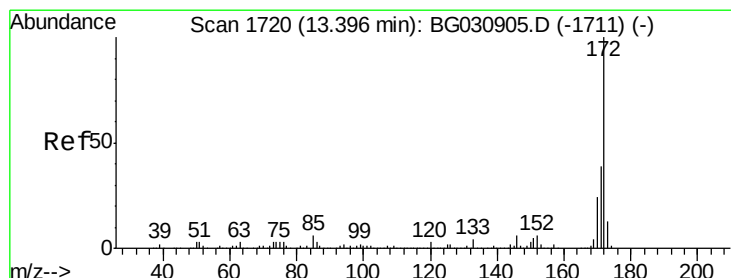
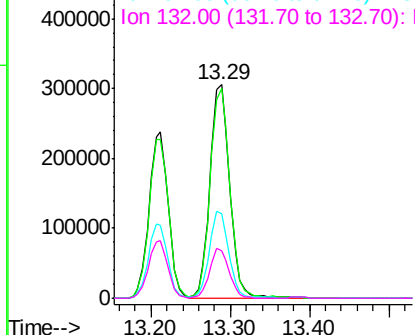
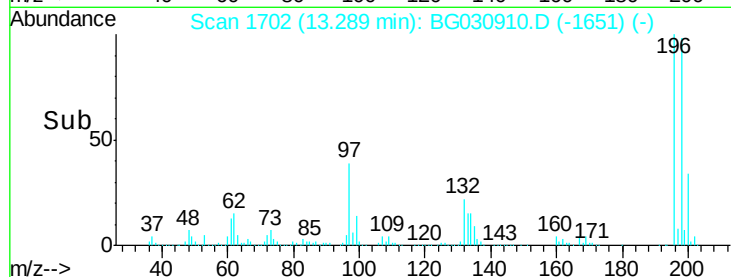
#43
 2,4,5-Trichlorophenol
 Concen: 157.79 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG030910.D
 Acq: 10 Nov 2017 16:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	530762
Ion	Ratio	Lower	Upper
196	100		
198	98.5	76.2	114.4
97	39.3	38.7	58.1
132	22.4	20.2	30.2

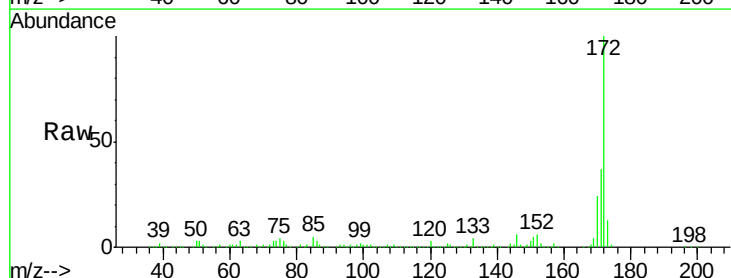


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

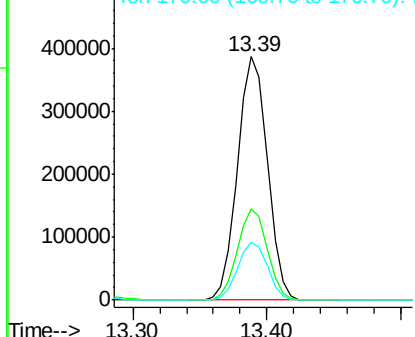
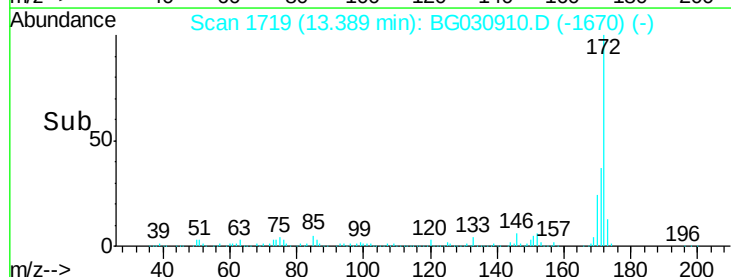


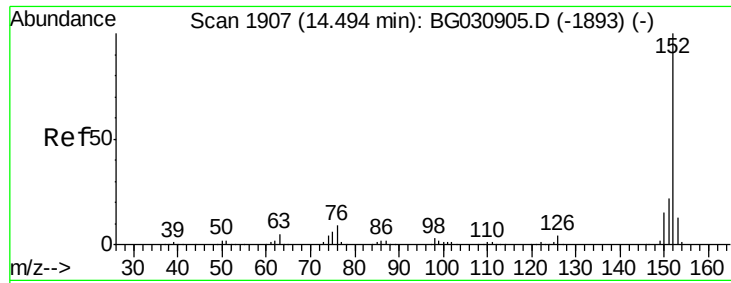
#44
 2-Fluorobiphenyl
 Concen: 63.46 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030910.D
 Acq: 10 Nov 2017 16:20

Tgt Ion	172	Resp	598404
Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.0	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#48

Acenaphthylene

Concen: 118.62 ng

RT: 14.49 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampleId :

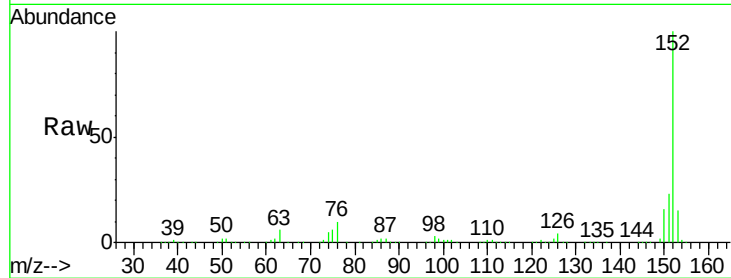
Tot Ion:152 Resp: 1573823

Ion Ratio Lower Upper

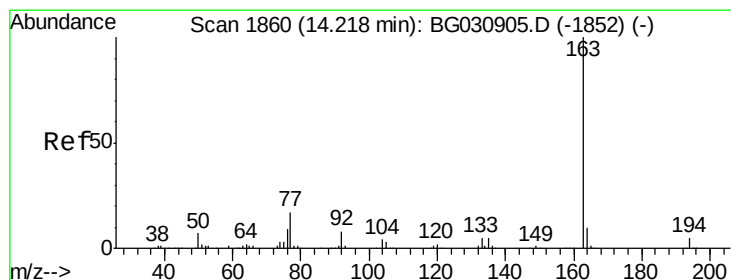
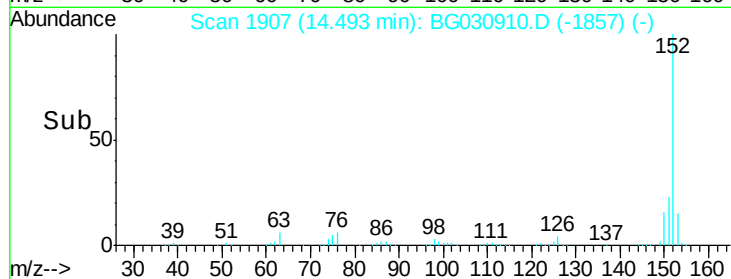
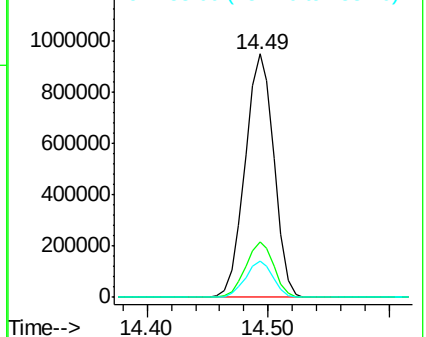
152 100

151 22.7 17.2 25.8

153 14.8 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: 83.28 ng

RT: 14.21 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

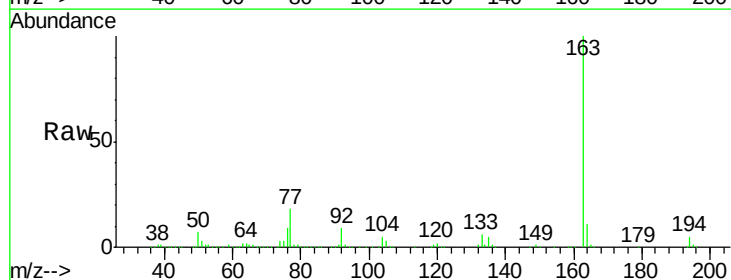
Tgt Ion:163 Resp: 975666

Ion Ratio Lower Upper

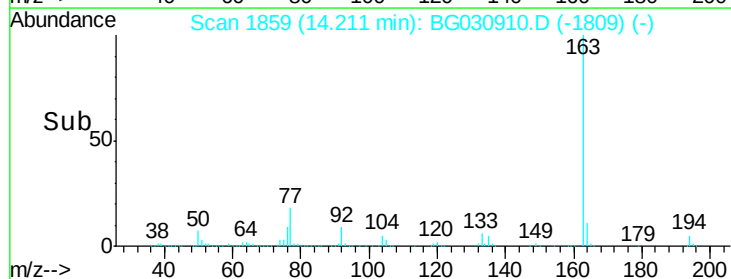
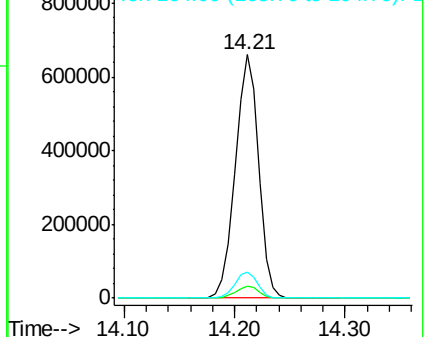
163 100

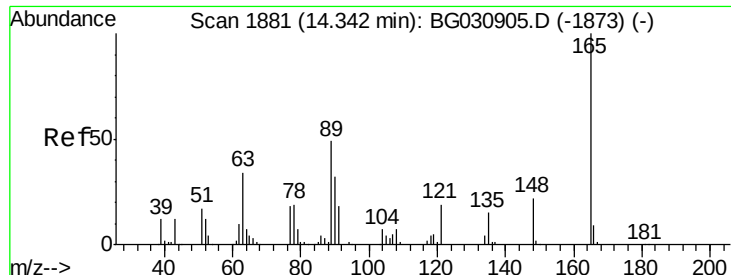
194 4.9 3.4 5.2

164 10.6 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: 4.88 ng

RT: 14.21 min Scan# 1859

Delta R.T. -0.13 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampled :

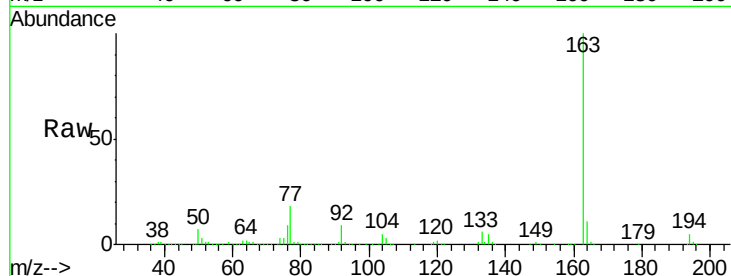
Tot Ion:165 Resp: 11787

Ion Ratio Lower Upper

165 100

63 138.1 52.7 79.1#

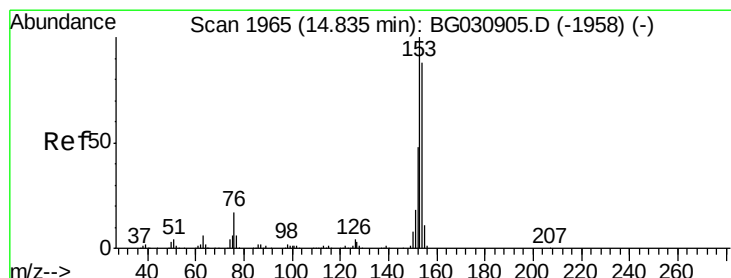
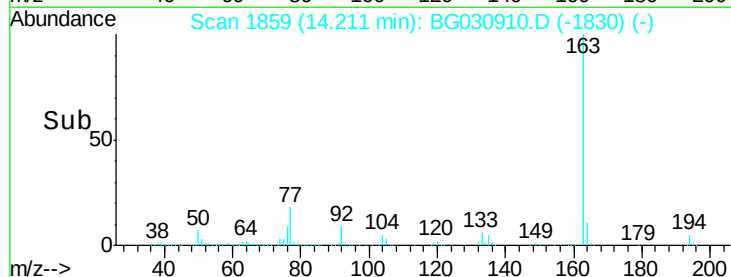
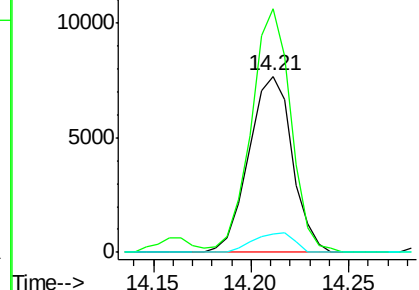
89 10.6 49.2 73.8#



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



#51

Acenaphthene

Concen: 4.93 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

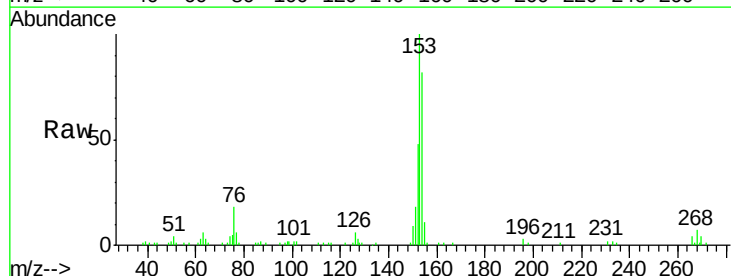
Tgt Ion:154 Resp: 40853

Ion Ratio Lower Upper

154 100

153 121.6 90.4 135.6

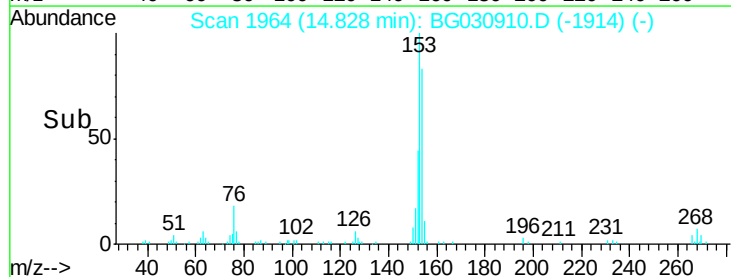
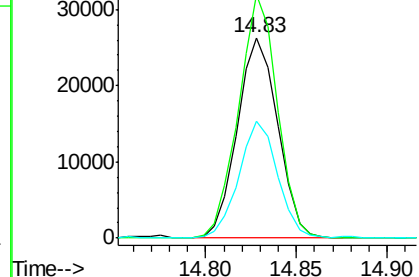
152 58.2 41.6 62.4

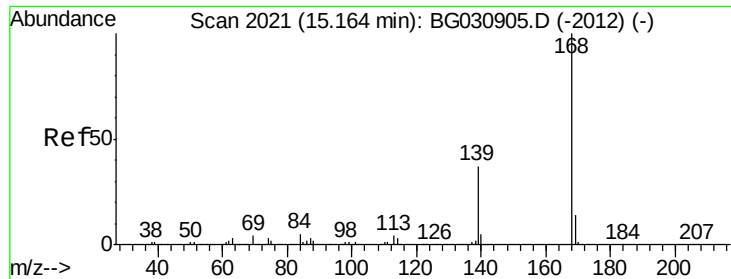


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

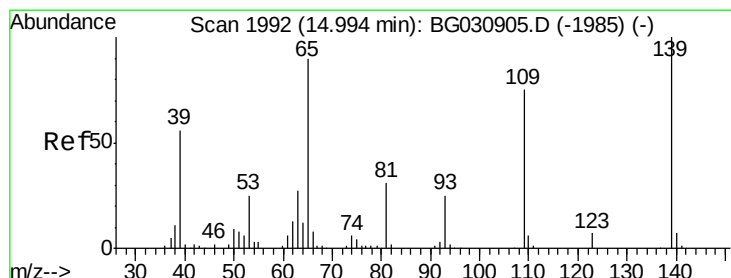
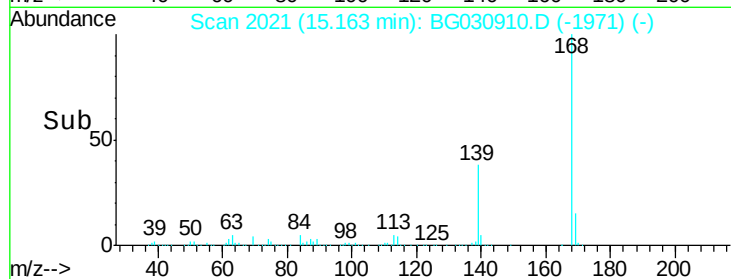
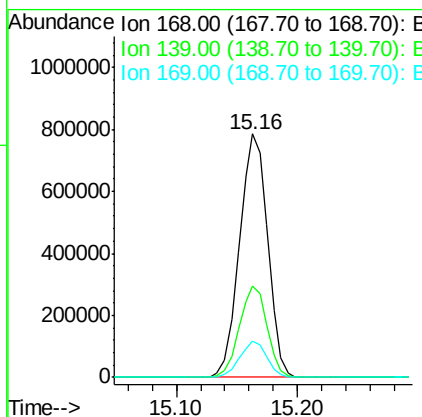
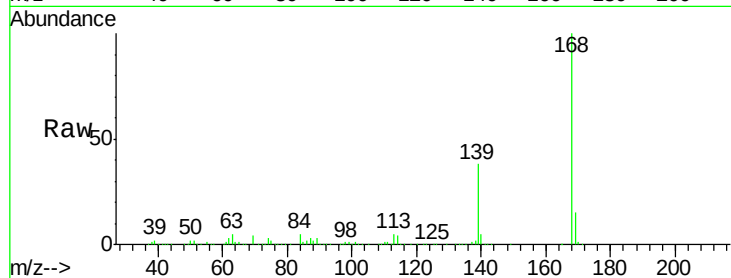




#54
Dibenzenofuran
Concen: 96.48 ng
RT: 15.16 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

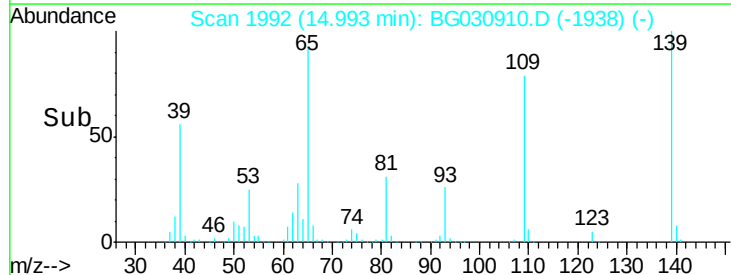
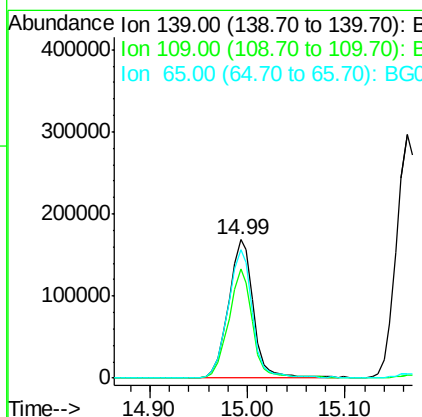
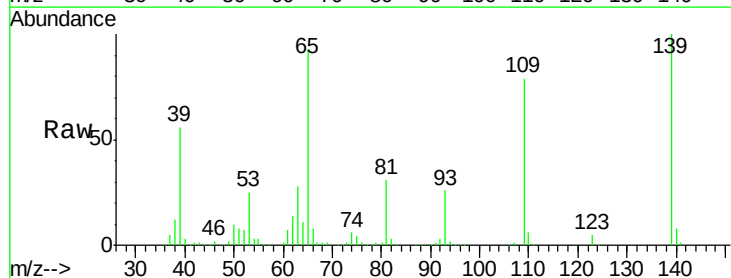
Instrument :
BNA_G
ClientSampleId :

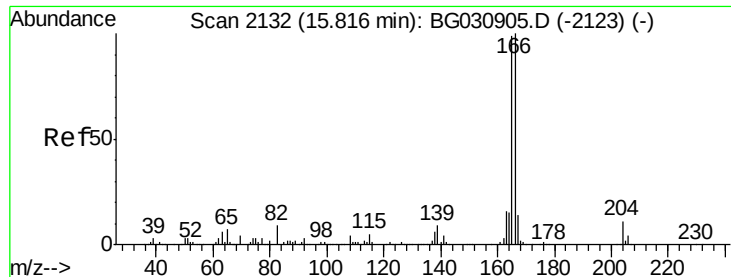
Tot Ion:168 Resp: 1273431
Ion Ratio Lower Upper
168 100
139 37.7 28.6 43.0
169 14.8 11.2 16.8



#55
4-Nitrophenol
Concen: 162.89 ng
RT: 14.99 min Scan# 1992
Delta R.T. 0.02 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Tgt Ion:139 Resp: 297502
Ion Ratio Lower Upper
139 100
109 78.8 62.2 102.2
65 92.6 97.2 137.2#





#57

Fluorene

Concen: 105.03 ng

RT: 15.82 min Scan# 2132

Delta R.T. 0.00 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampleId :

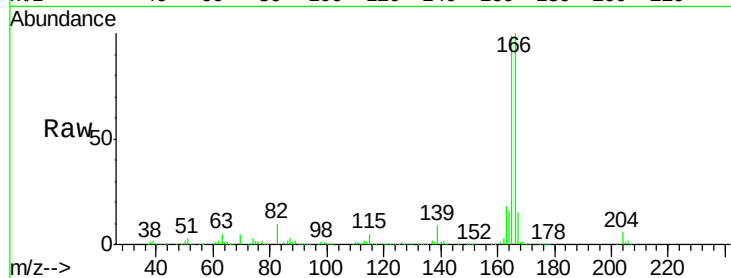
Tot Ion:166 Resp: 1125488

Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.6	121.0
167	14.7	10.4	15.6

166 100

165 98.6 80.6 121.0

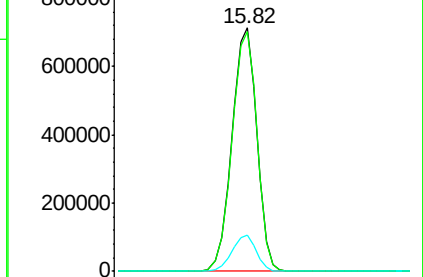
167 14.7 10.4 15.6



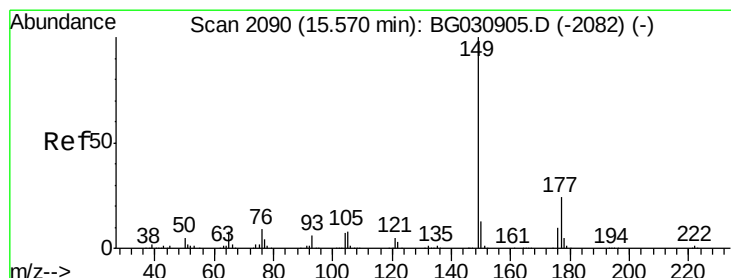
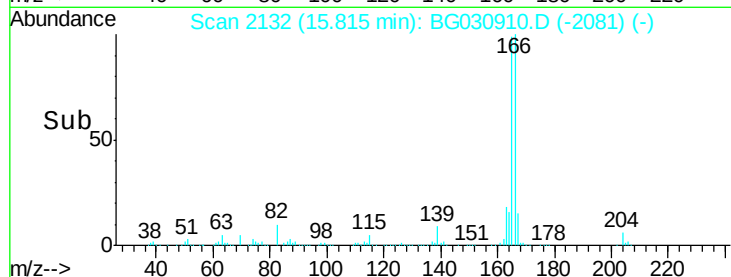
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.70 15.80 15.90



#59

Diethylphthalate

Concen: 59.56 ng

RT: 15.57 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

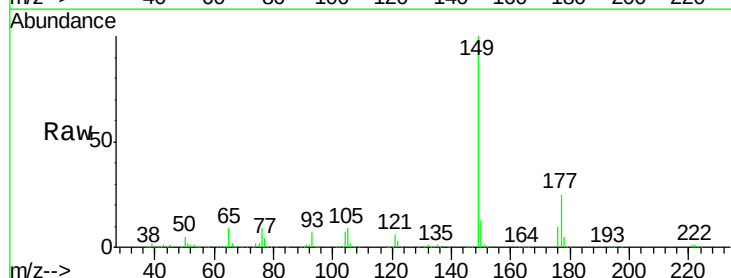
Tgt Ion:149 Resp: 708723

Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.5	27.7
150	13.0	10.2	15.2

149 100

177 24.5 18.5 27.7

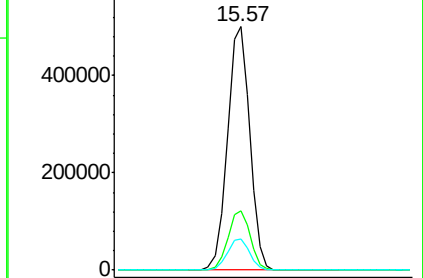
150 13.0 10.2 15.2



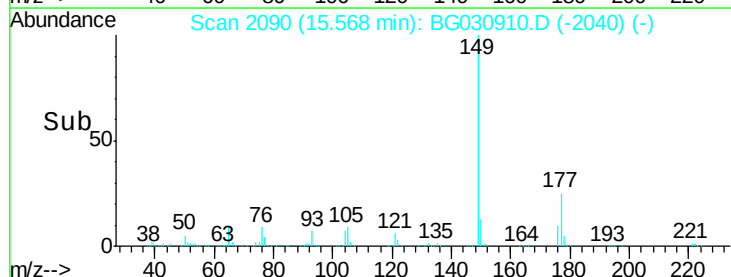
Abundance Ion 149.00 (148.70 to 149.70): E

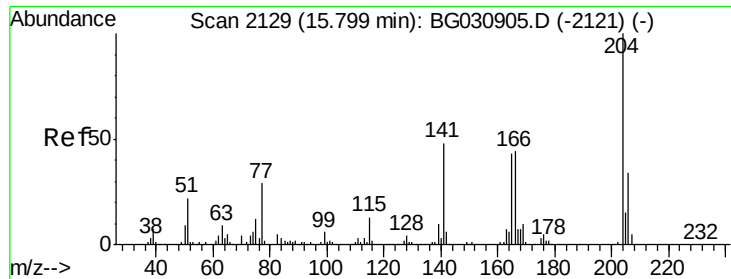
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time--> 15.50 15.60 15.70

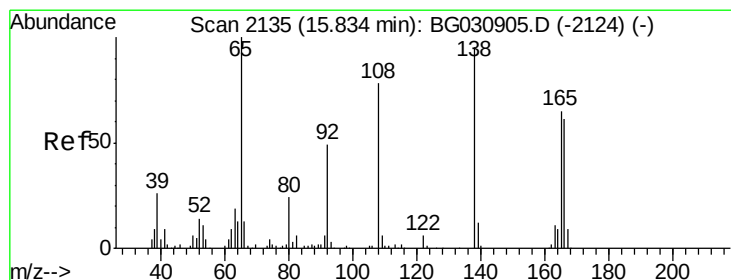
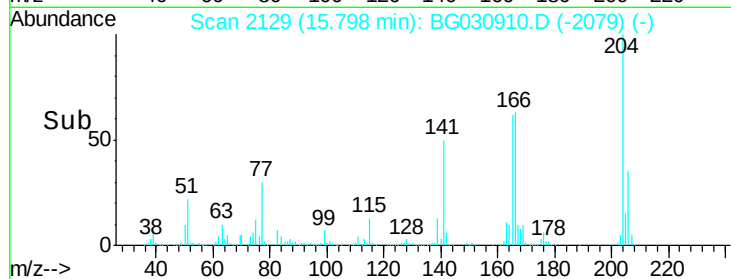
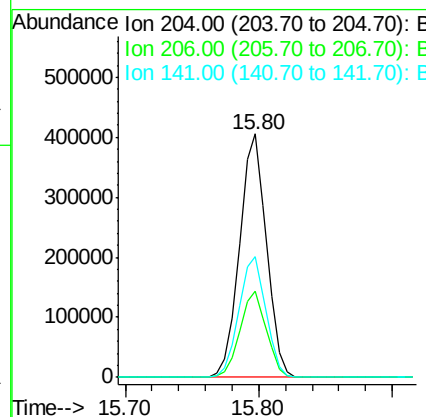
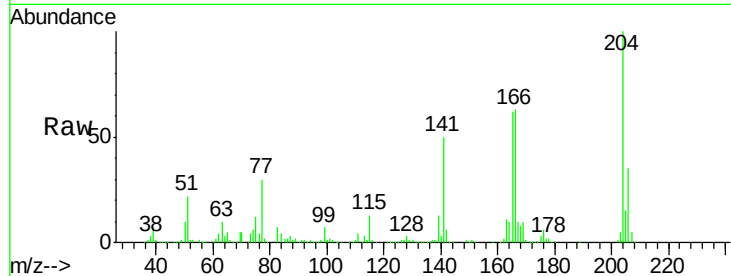




#60
4-Chlorophenyl-phenylether
Concen: 87.46 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

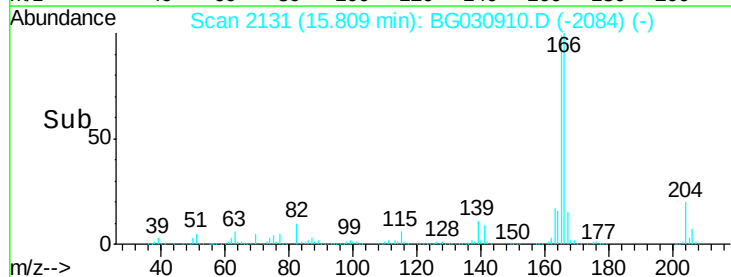
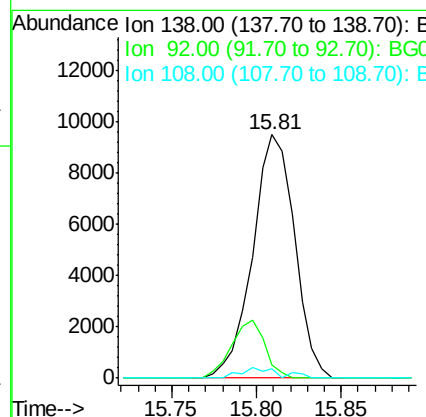
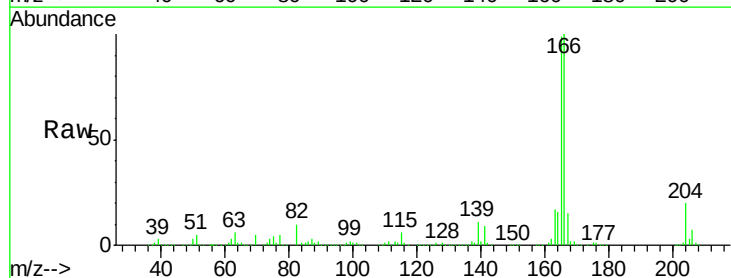
Instrument :
BNA_G
ClientSampled :

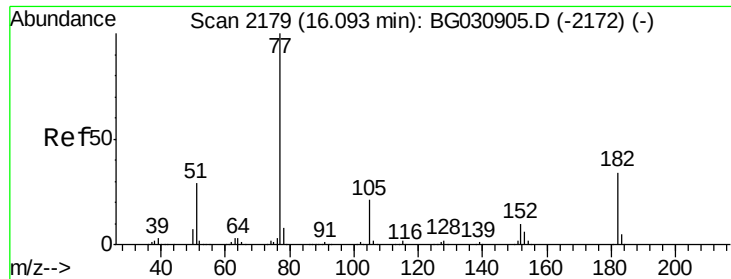
Tot Ion:204 Resp: 565998
Ion Ratio Lower Upper
204 100
206 35.3 26.2 39.2
141 49.7 45.8 68.6



#61
4-Nitroaniline
Concen: 6.04 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.02 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Tgt Ion:138 Resp: 16391
Ion Ratio Lower Upper
138 100
92 5.2 40.1 80.1#
108 3.6 65.4 105.4#





#62

Azobenzene

Concen: 5.94 ng

RT: 16.11 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 53930

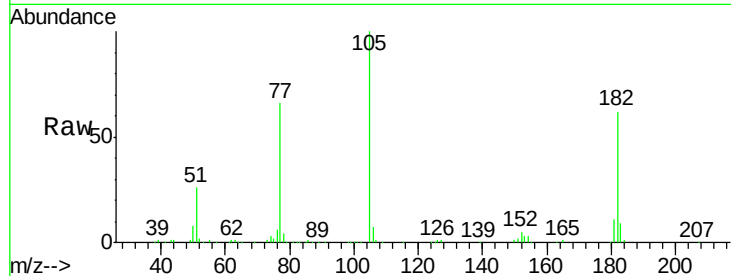
Ion Ratio Lower Upper

77 100

182 94.9 7.4 47.4#

105 152.3 0.3 40.3#

51 39.3 11.6 51.6

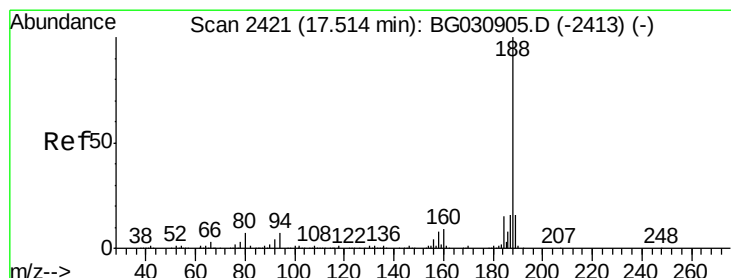
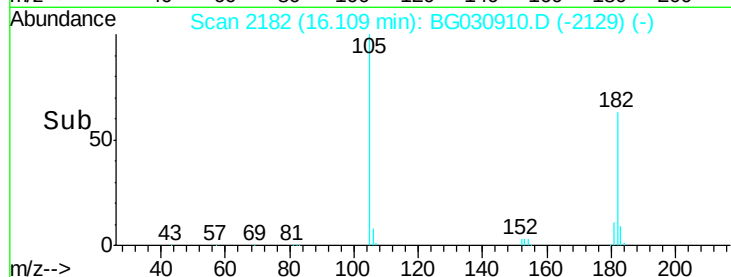
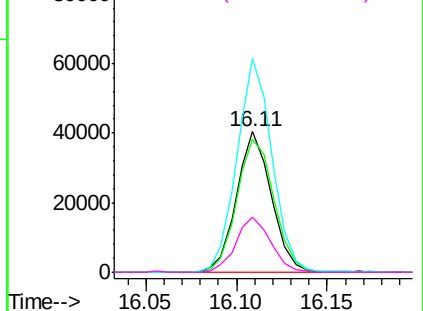


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.00 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

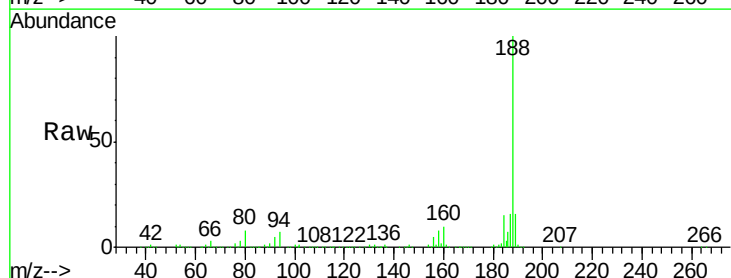
Tgt Ion: 188 Resp: 345865

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

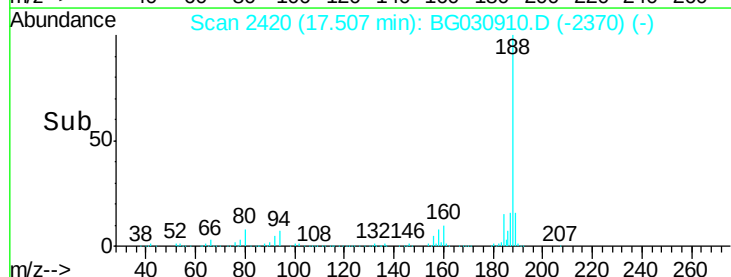
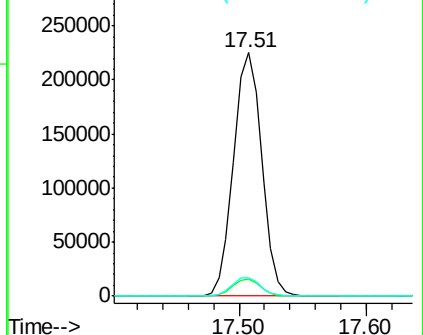
80 7.7 7.7 11.5#

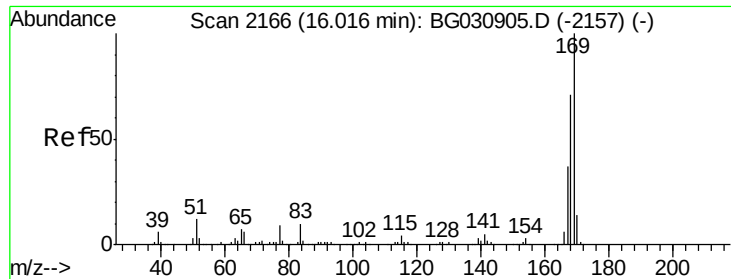


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

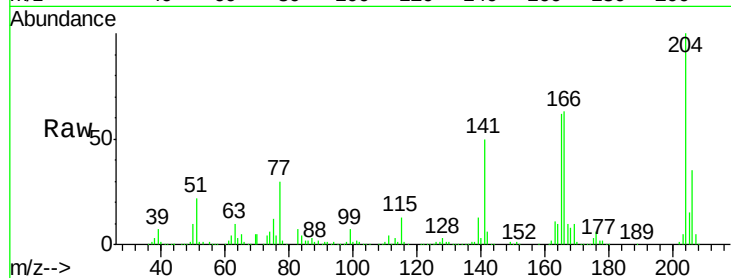




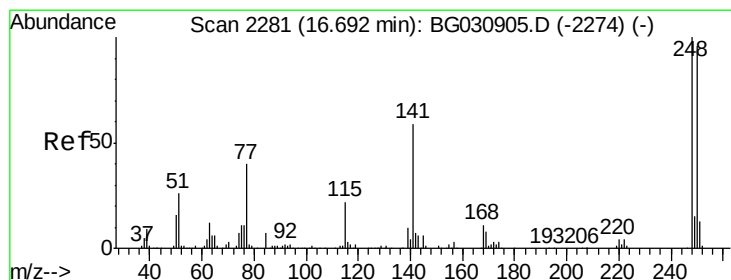
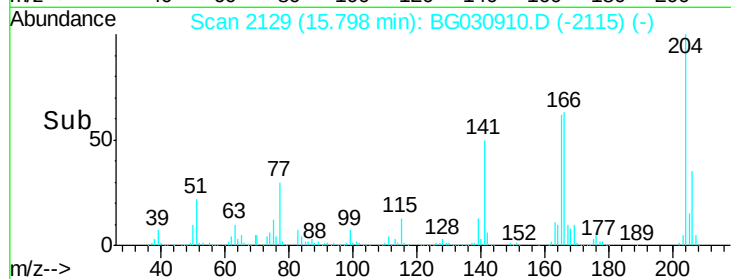
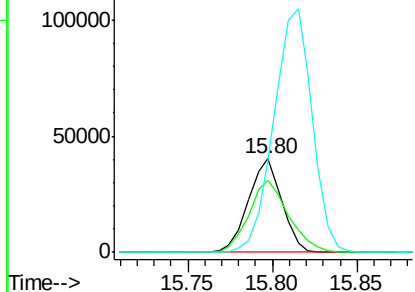
#65
 n-Nitrosodiphenylamine
 Concen: 5.28 ng
 RT: 15.80 min Scan# 2129
 Delta R.T. -0.22 min
 Lab File: BG030910.D
 Acq: 10 Nov 2017 16:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:169 Resp: 55305
 Ion Ratio Lower Upper
 169 100
 168 77.6 55.7 83.5
 167 98.4 30.1 45.1#

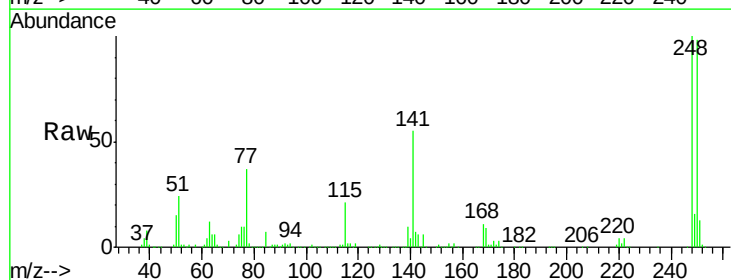


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

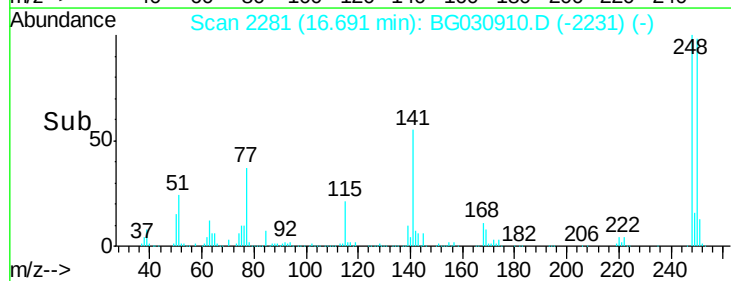
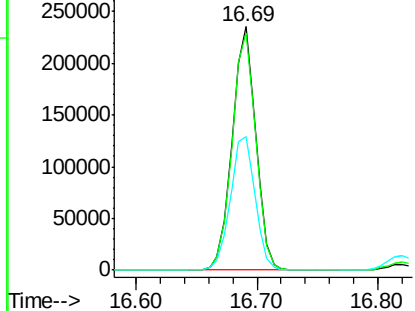


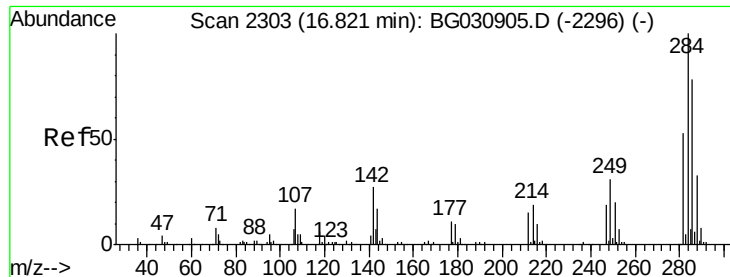
#66
 4-Bromophenyl-phenylether
 Concen: 72.82 ng
 RT: 16.69 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BG030910.D
 Acq: 10 Nov 2017 16:20

Tgt Ion:248 Resp: 319001
 Ion Ratio Lower Upper
 248 100
 250 97.6 77.1 115.7
 141 55.0 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: 102.07 ng

RT: 16.82 min Scan# 2303

Delta R.T. 0.00 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampleId :

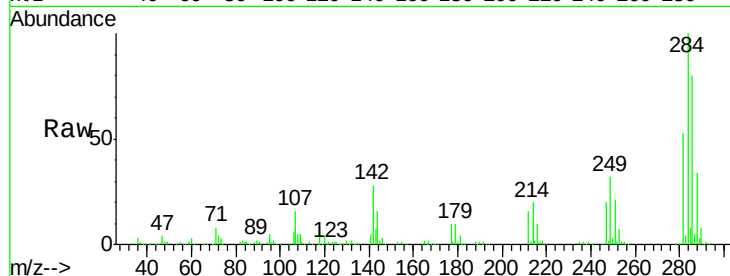
Tot Ion:284 Resp: 475075

Ion Ratio Lower Upper

284 100

142 27.8 26.8 40.2

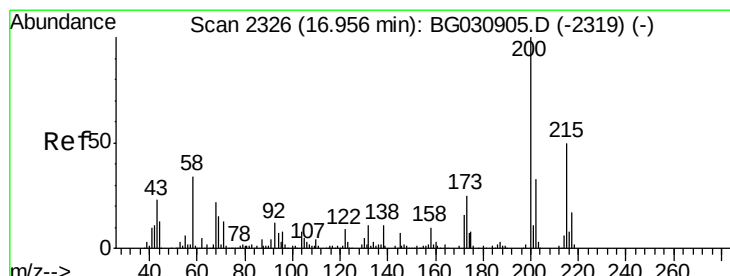
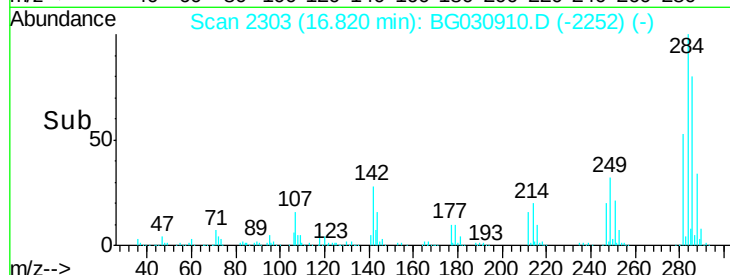
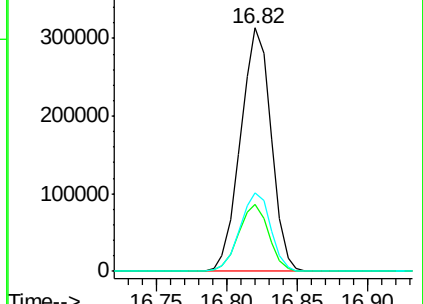
249 32.0 26.3 39.5



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: 12.82 ng

RT: 17.16 min Scan# 2361

Delta R.T. 0.21 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

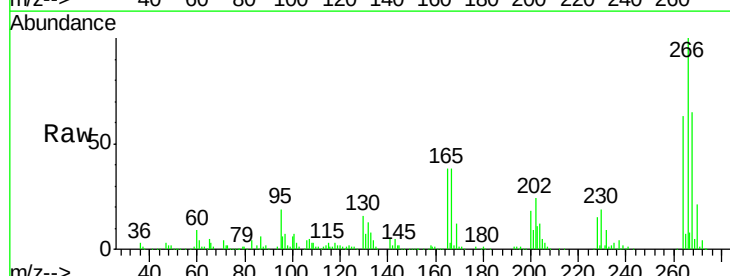
Tgt Ion:200 Resp: 55416

Ion Ratio Lower Upper

200 100

173 0.0 5.2 45.2#

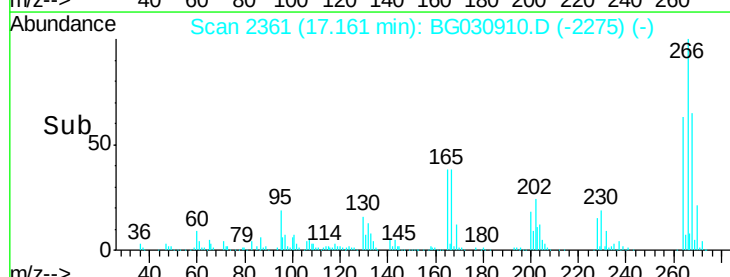
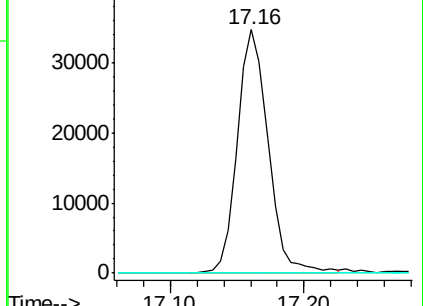
215 0.0 30.4 70.4#

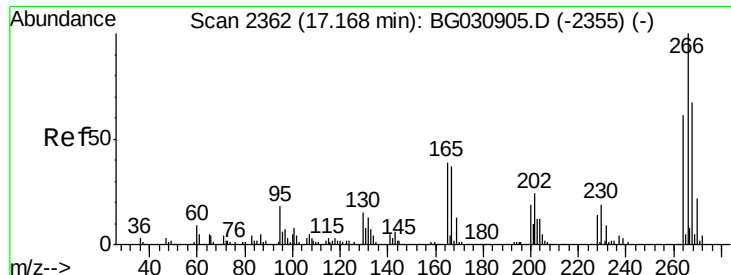


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

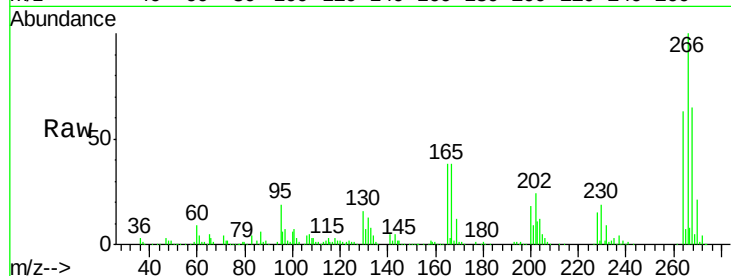




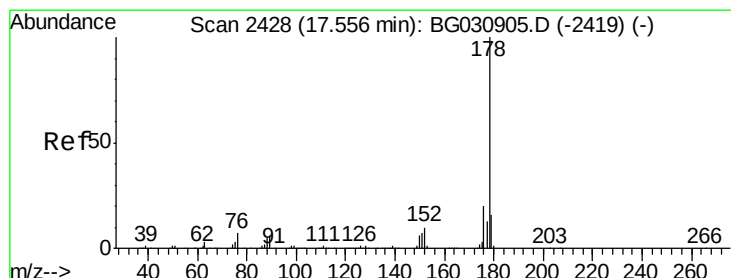
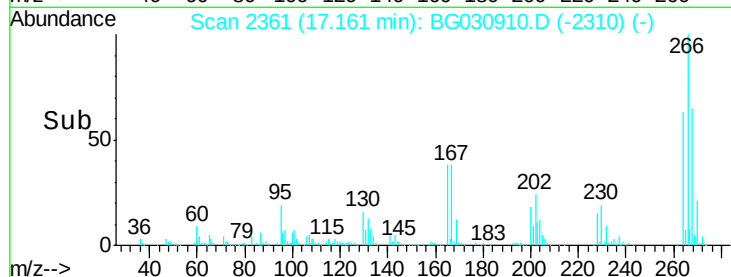
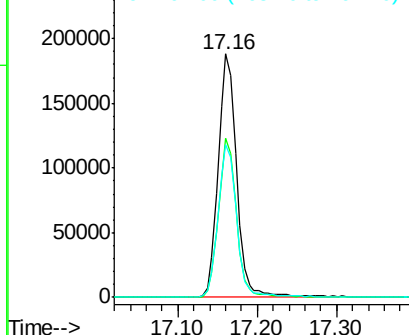
#69
 Pentachlorophenol
 Concen: 118.61 ng
 RT: 17.16 min Scan# 2361
 Delta R.T. 0.00 min
 Lab File: BG030910.D
 Acq: 10 Nov 2017 16:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.1	76.7
264	62.9	49.6	74.4

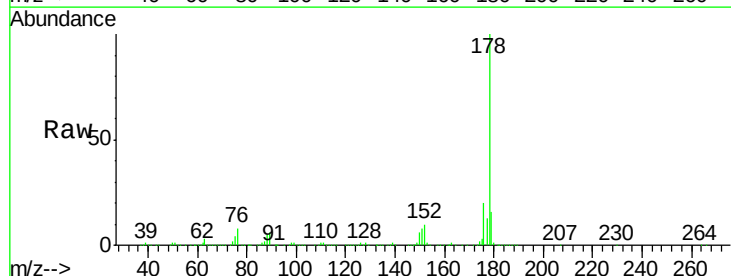


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

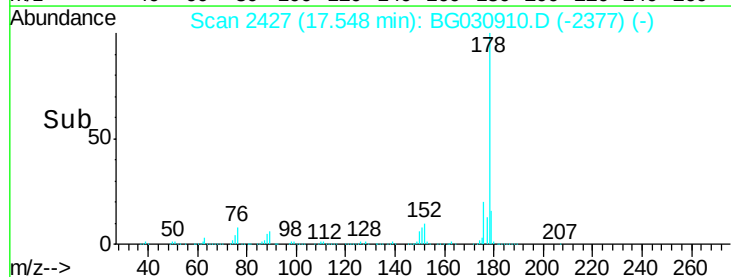
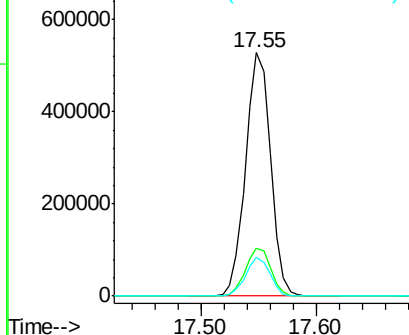


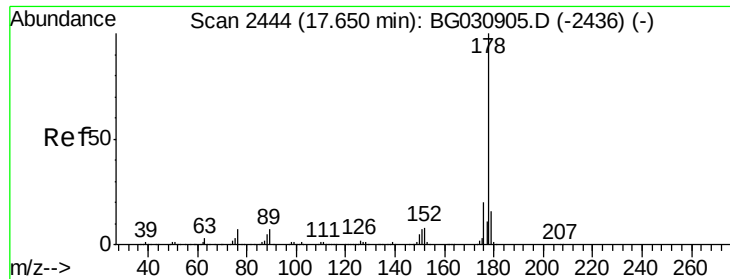
#70
 Phenanthrene
 Concen: 44.29 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG030910.D
 Acq: 10 Nov 2017 16:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	16.0	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

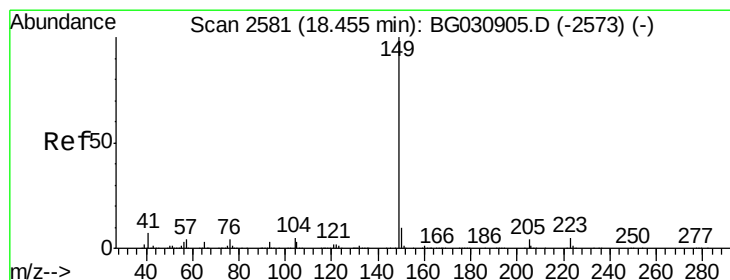
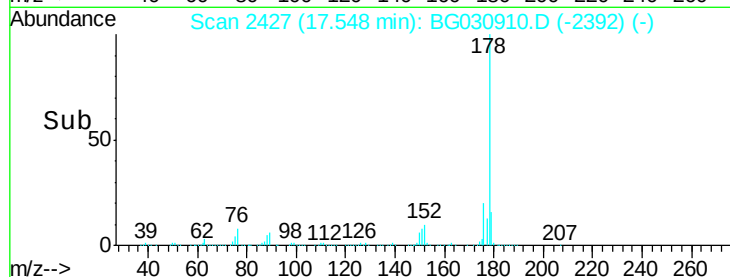
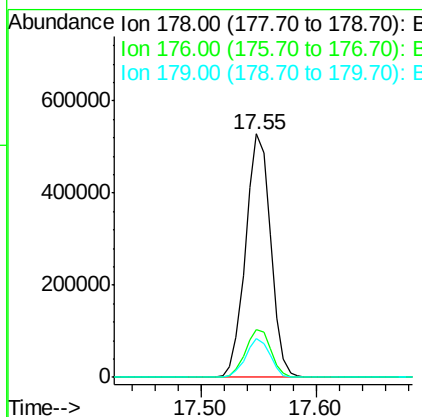
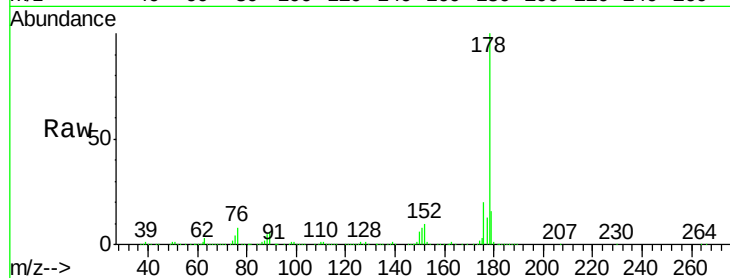




#71
 Anthracene
 Concen: 44.20 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.09 min
 Lab File: BG030910.D
 Acq: 10 Nov 2017 16:20

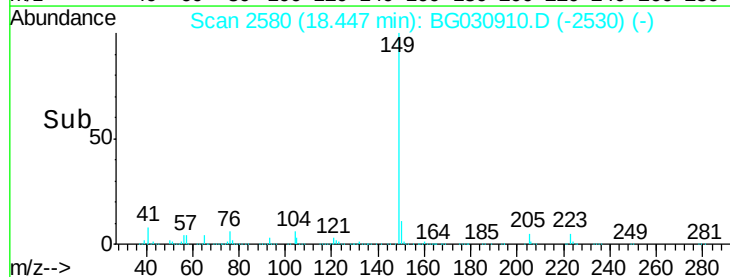
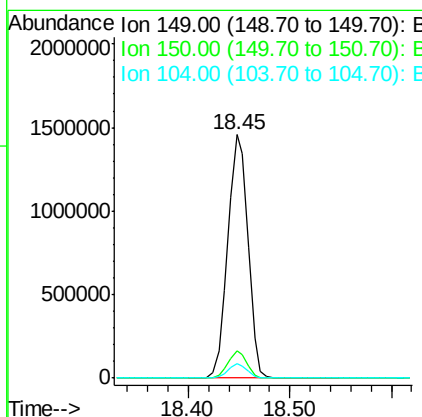
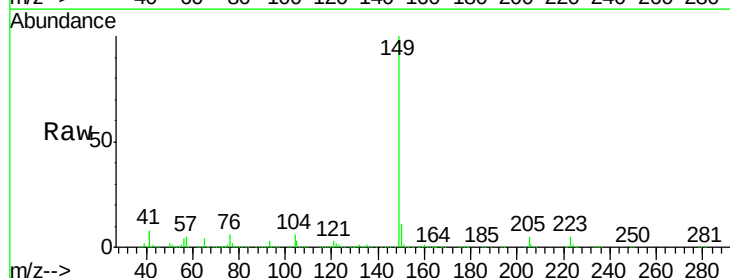
Instrument :
 BNA_G
 ClientSampleId :

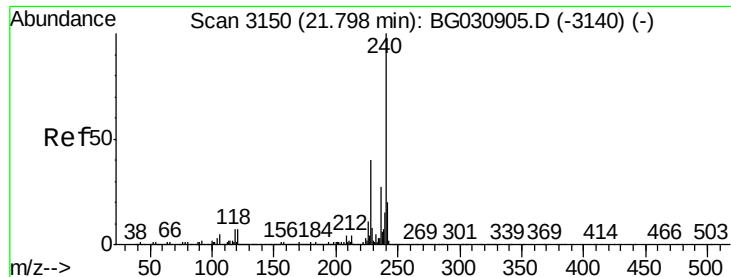
Tot Ion:178 Resp: 797547
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 16.0 12.5 18.7



#73
 Di-n-butylphthalate
 Concen: 96.91 ng
 RT: 18.45 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BG030910.D
 Acq: 10 Nov 2017 16:20

Tgt Ion:149 Resp: 2011727
 Ion Ratio Lower Upper
 149 100
 150 11.5 7.8 11.6
 104 5.9 3.9 5.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.78 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampleId :

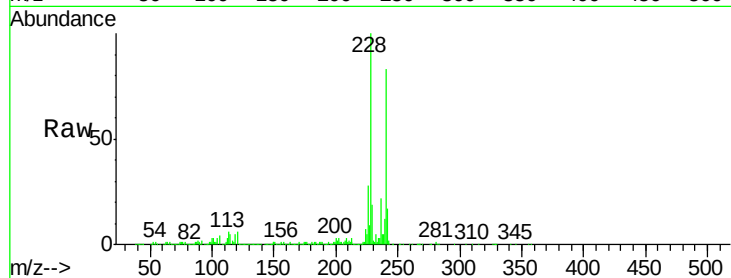
Tot Ion:240 Resp: 388906

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

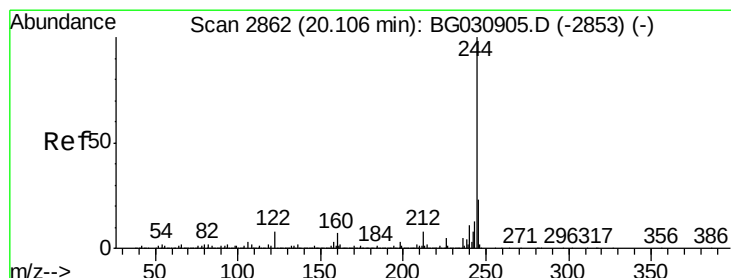
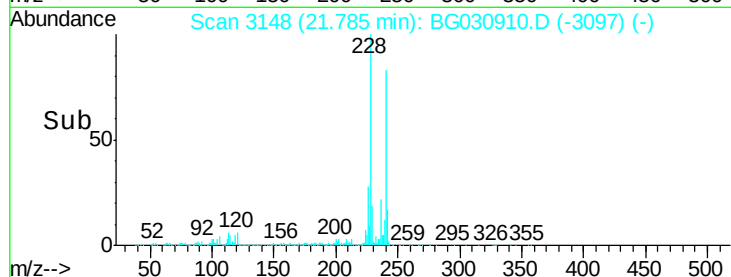
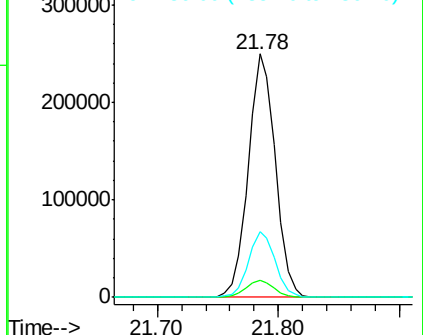
236 26.8 20.9 31.3



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



#78

Terphenyl-d14

Concen: 63.70 ng

RT: 20.10 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

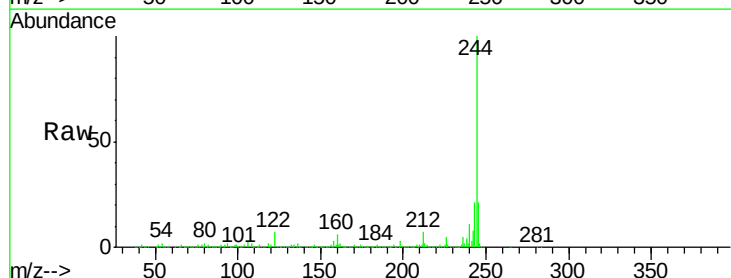
Tgt Ion:244 Resp: 1121955

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

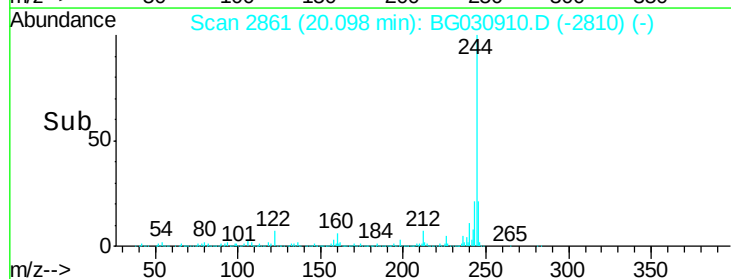
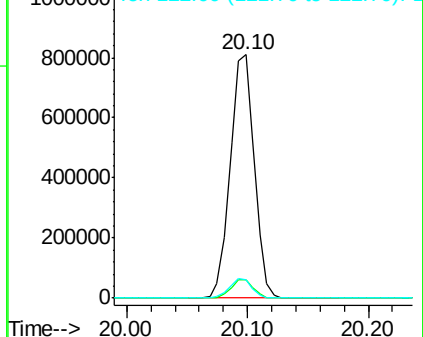
122 7.4 7.0 10.4

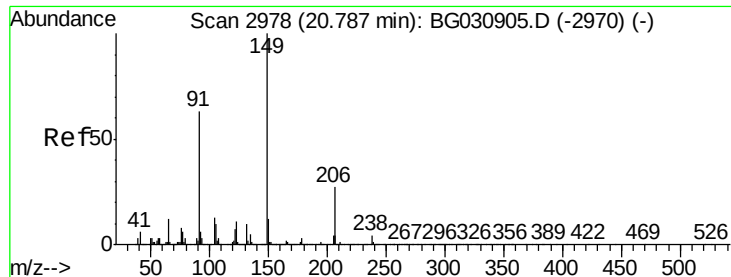


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 165.85 ng

RT: 20.78 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampled :

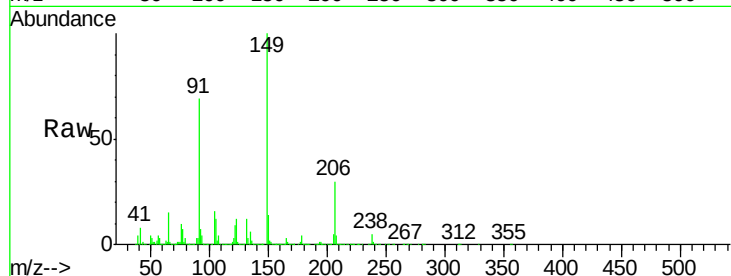
Tot Ion:149 Resp: 1526046

Ion Ratio Lower Upper

149 100

91 68.6 62.2 93.2

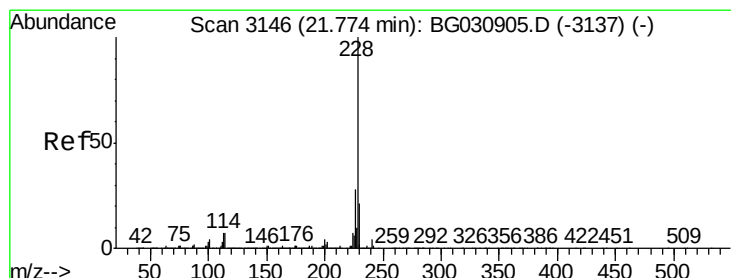
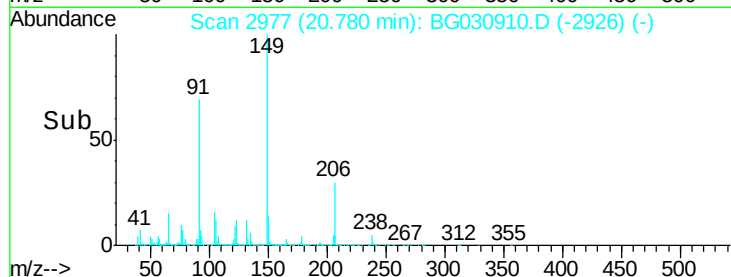
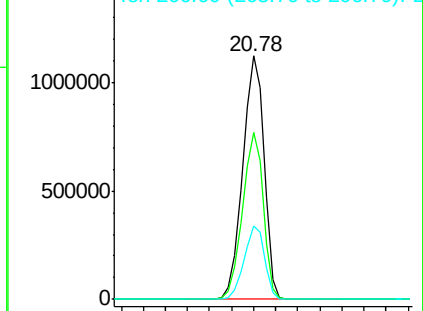
206 30.1 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 86.18 ng

RT: 21.77 min Scan# 3145

Delta R.T. 0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

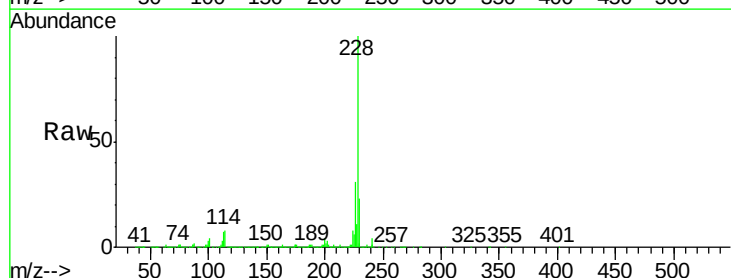
Tgt Ion:228 Resp: 2081942

Ion Ratio Lower Upper

228 100

226 30.9 22.7 34.1

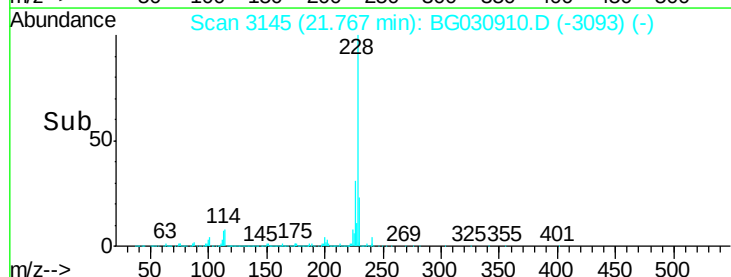
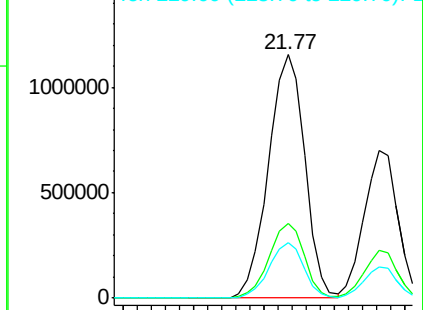
229 23.0 16.2 24.2

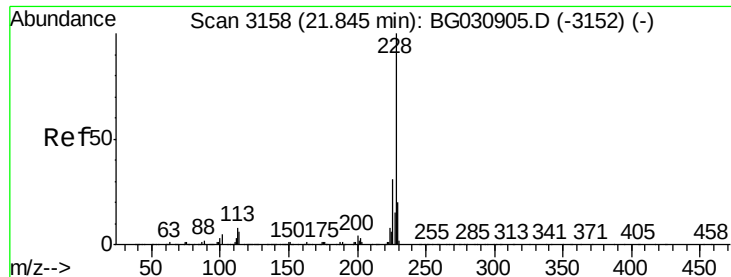


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 51.58 ng

RT: 21.83 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

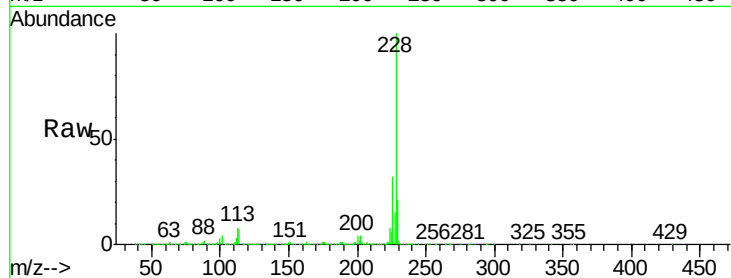
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1152594

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	21.2	15.0	22.4



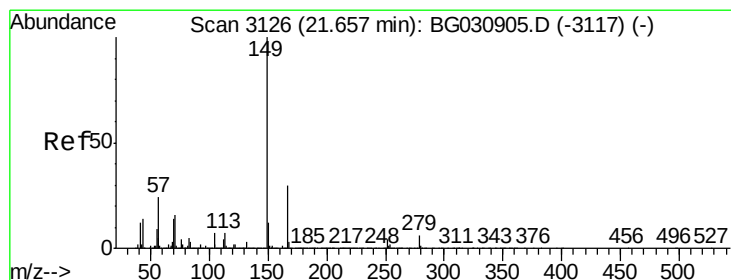
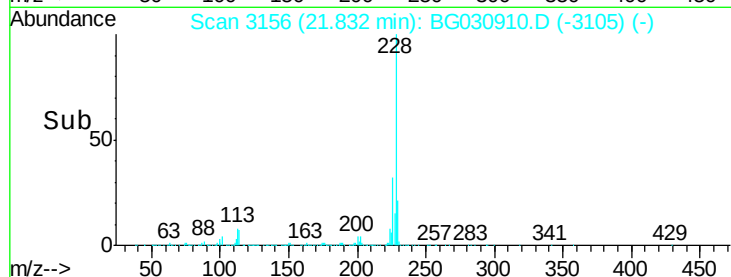
Abundance

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

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 47.59 ng

RT: 21.64 min Scan# 3124

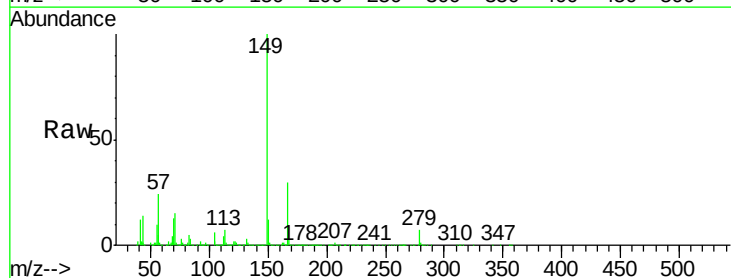
Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Tgt Ion:149 Resp: 632141

Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.3	36.5
279	6.6	4.0	6.0



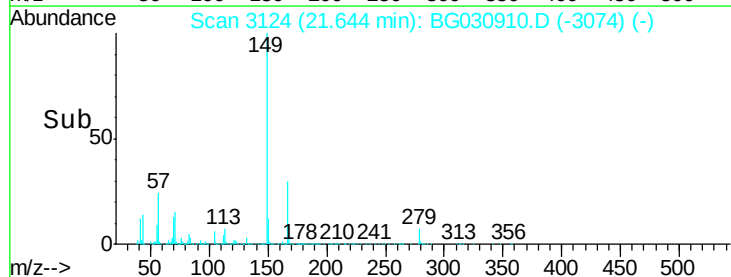
Abundance

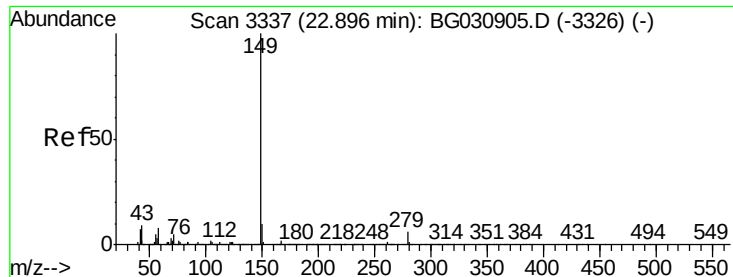
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->





#84

Di-n-octyl phthalate

Concen: 141.95 ng

RT: 22.88 min Scan# 3335

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampleId :

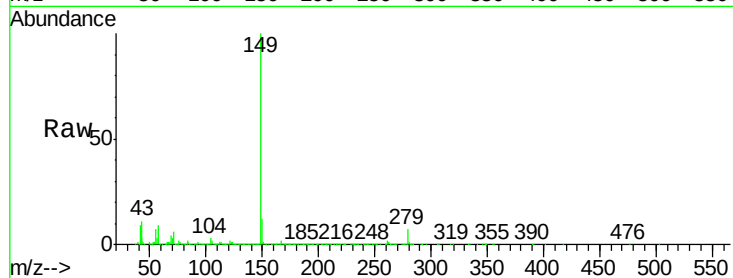
Tot Ion:149 Resp: 3068633

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.0

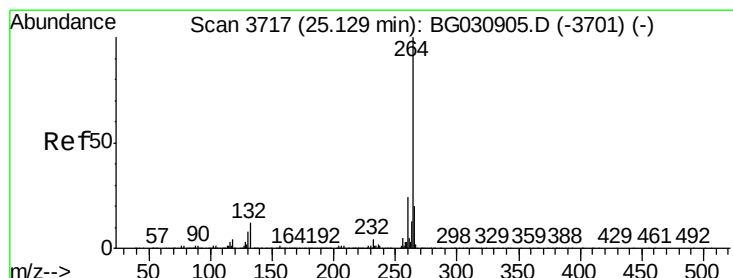
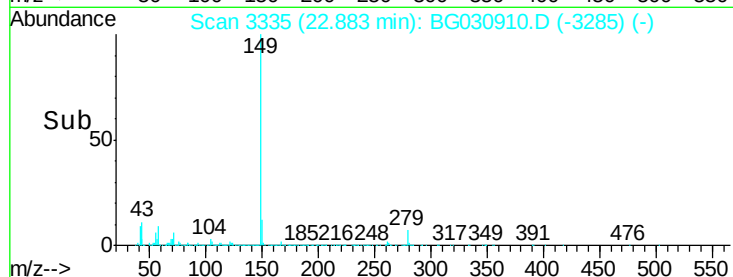
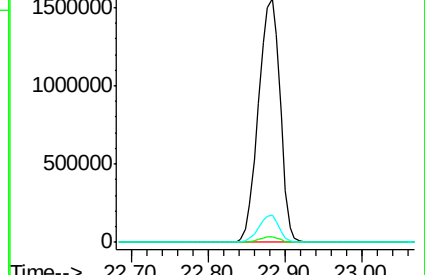
43 10.3 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.09 min Scan# 3710

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

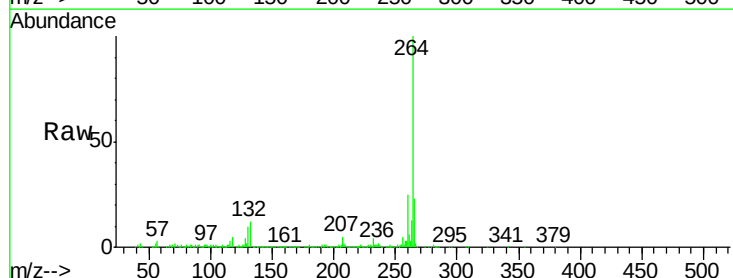
Tgt Ion:264 Resp: 401300

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

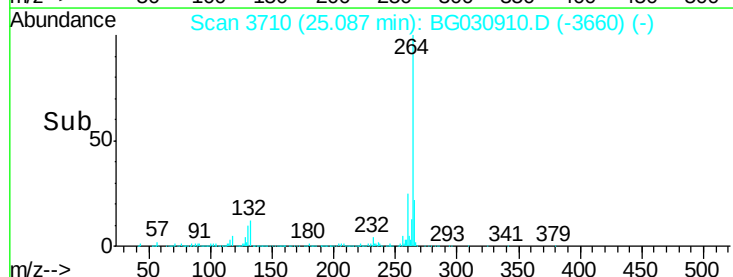
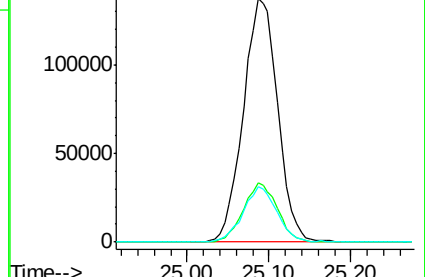
265 22.6 17.7 26.5

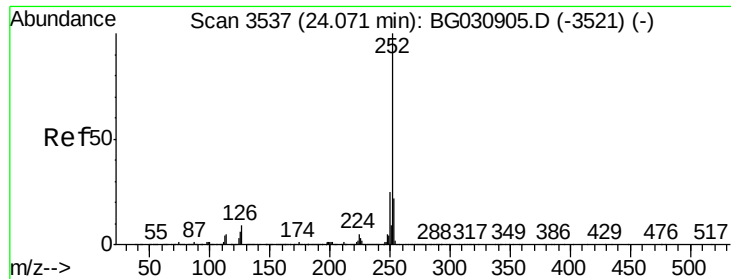


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

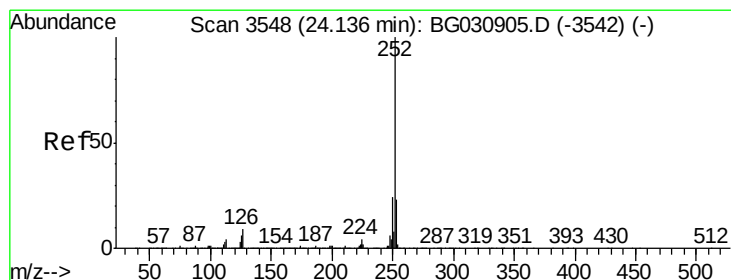
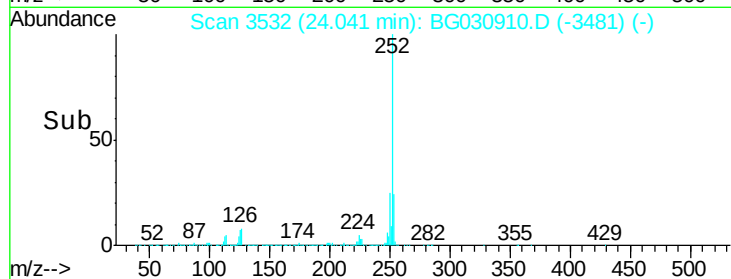
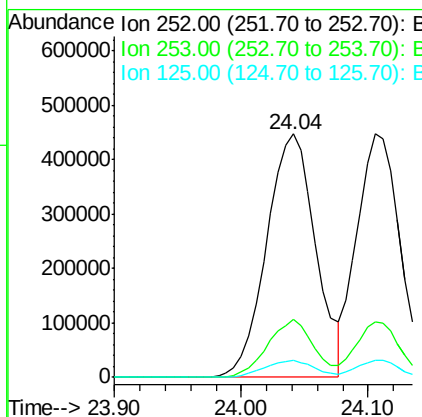
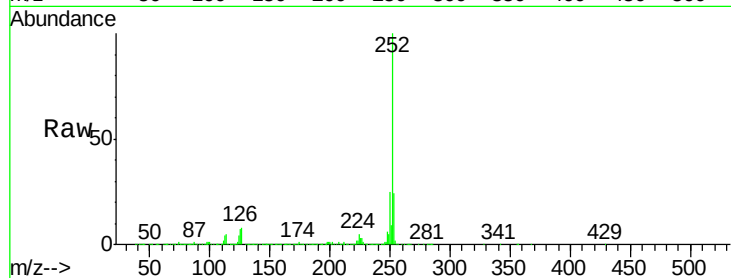




#87
Benzo(b)fluoranthene
Concen: 49.64 ng
RT: 24.04 min Scan# 3532
Delta R.T. 0.00 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1204901
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.4
125 6.9 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 43.53 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Tgt Ion:252 Resp: 1047282
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 7.1 6.6 9.8

