

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011718\
 Data File : BG032110.D
 Acq On : 17 Jan 2018 21:06
 Operator : SJ/JU
 Sample : J1165-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 18 05:19:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

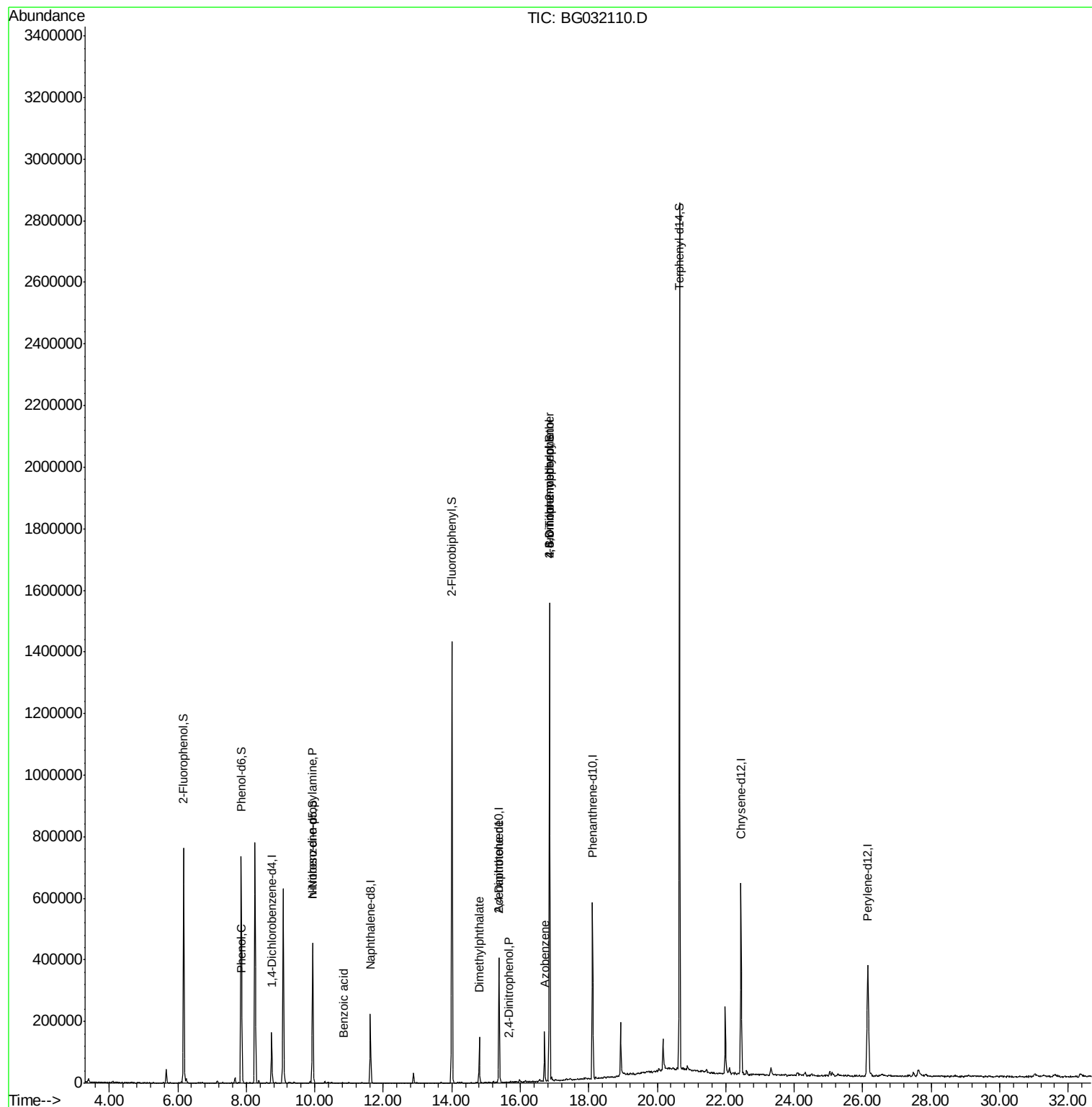
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	55038	20.00	ng	-0.03
21) Naphthalene-d8	11.62	136	217069	20.00	ng	-0.04
38) Acenaphthene-d10	15.38	164	155415	20.00	ng	-0.02
63) Phenanthrene-d10	18.11	188	390587	20.00	ng	-0.03
75) Chrysene-d12	22.45	240	466147	20.00	ng	-0.03
86) Perylene-d12	26.14	264	494541	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	391032	129.94	ng	-0.02
7) Phenol-d6	7.85	99	474837	125.29	ng	-0.02
23) Nitrobenzene-d5	9.94	82	283212	88.27	ng	-0.03
41) 2,4,6-Tribromophenol	16.85	330	351173	136.55	ng	-0.02
44) 2-Fluorobiphenyl	14.00	172	847036	67.58	ng	-0.03
78) Terphenyl-d14	20.65	244	1495825	70.85	ng	-0.02
Target Compounds						
10) Phenol	7.88	94	19048	5.102	ng	88
19) n-Nitroso-di-n-propylamine	9.94	70	38917	16.550	ng	# 73
32) Benzoic acid	10.84	122	55	5.276	ng	# 29
49) Dimethylphthalate	14.80	163	109524	8.053	ng	# 98
53) 2,4-Dinitrophenol	15.68	184	63	7.004	ng	# 1
56) 2,4-Dinitrotoluene	15.38	165	19350	5.091	ng	# 18
62) Azobenzene	16.71	77	41123	4.983	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.85	198	949	5.225	ng	# 2
66) 4-Bromophenyl-phenylether	16.85	248	28444	5.118	ng	# 1

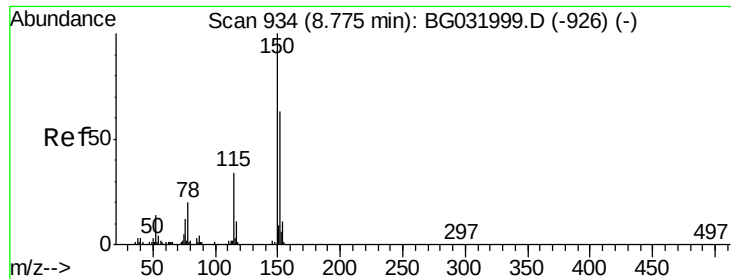
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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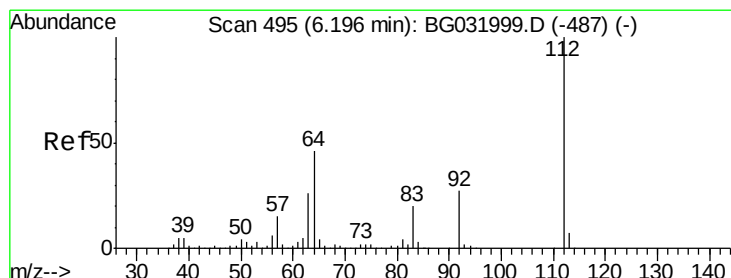
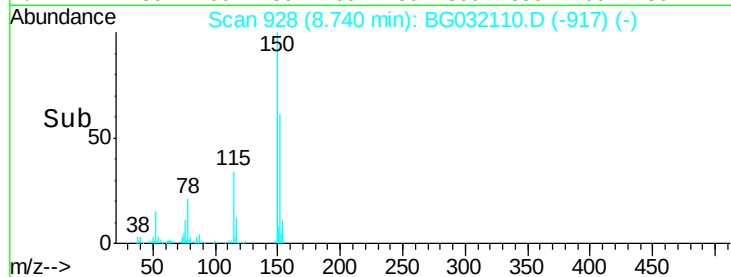
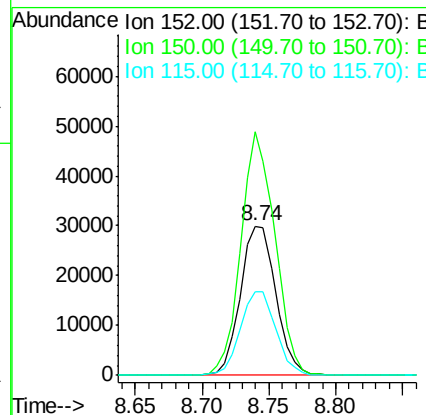
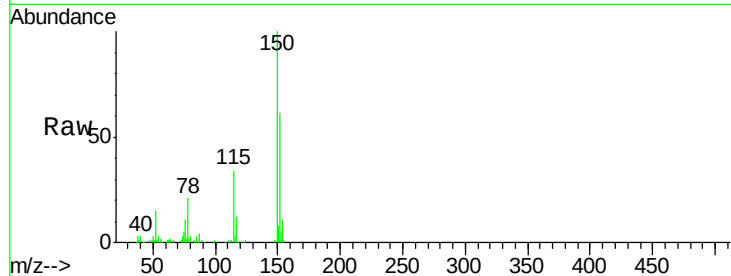


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.03 min
Lab File: BG032110.D
Acq: 17 Jan 2018 21:06

Instrument :
BNA_G
ClientSampled :

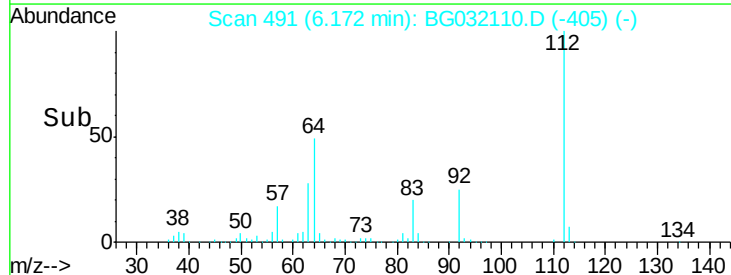
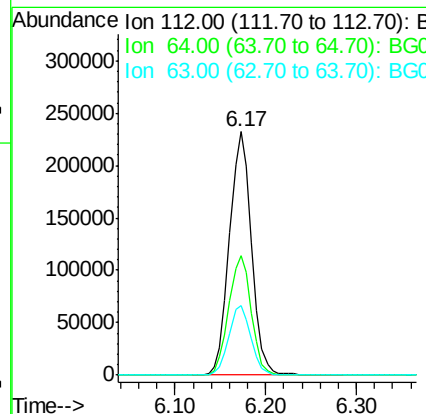
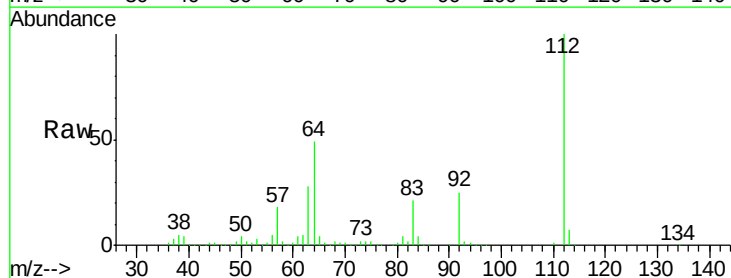
Tot Ion	Ratio	Lower	Upper
152	100		
150	163.0	126.6	189.8
115	55.7	53.0	79.4

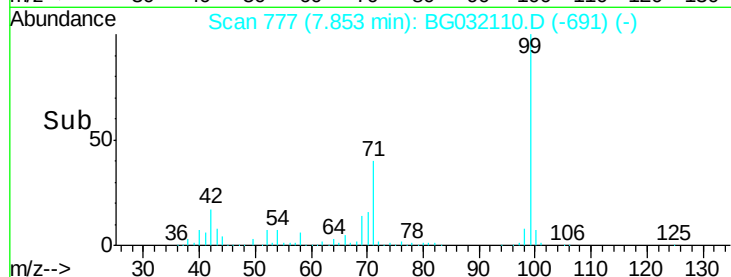
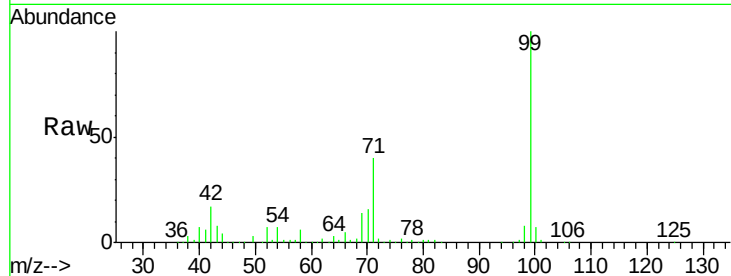
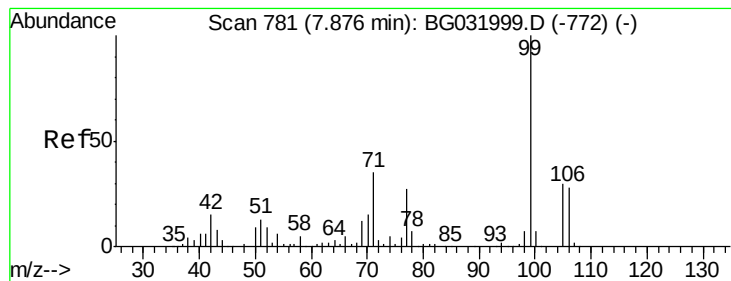


#5

2-Fluorophenol
Concen: 129.941 ng
RT: 6.17 min Scan# 491
Delta R.T. -0.02 min
Lab File: BG032110.D
Acq: 17 Jan 2018 21:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.9	56.3	84.5#
63	28.4	30.1	45.1#





#7

Phenol-d6

Concen: 125.286 ng

RT: 7.85 min Scan# 777

Delta R.T. -0.02 min

Lab File: BG032110.D

Acq: 17 Jan 2018 21:06

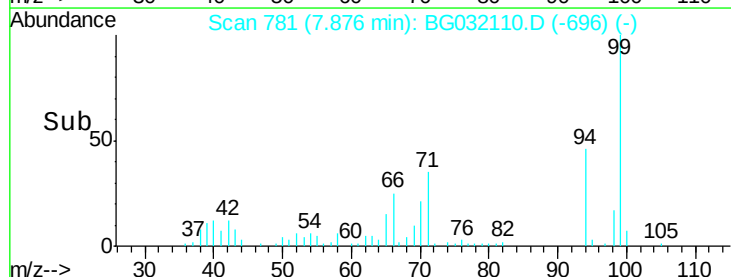
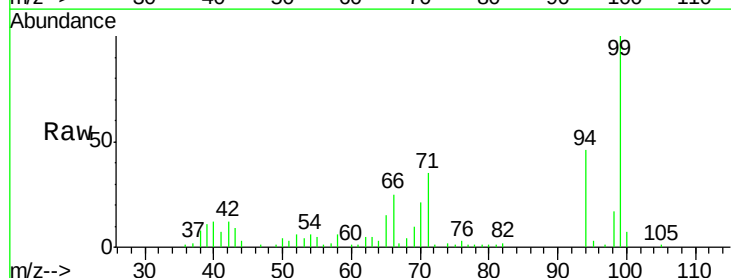
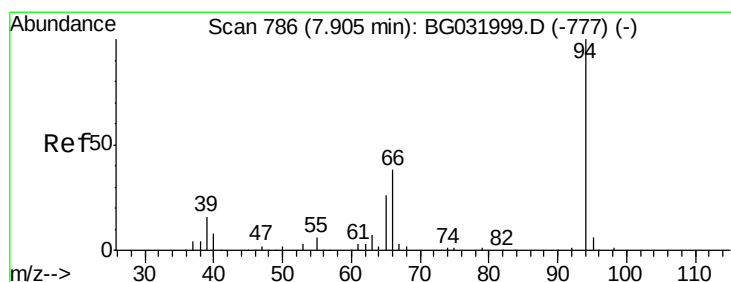
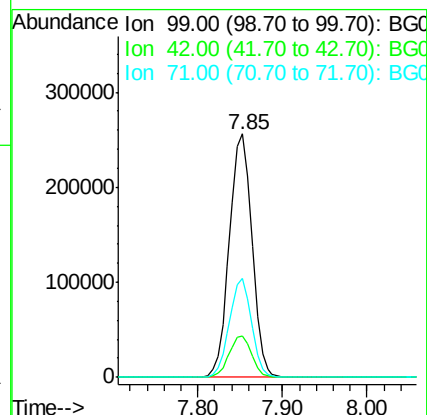
Tot Ion: 99 Resp: 474837

Ion Ratio Lower Upper

99 100

42 17.1 14.1 21.1

71 40.4 26.1 39.1#



#10

Phenol

Concen: 5.102 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.03 min

Lab File: BG032110.D

Acq: 17 Jan 2018 21:06

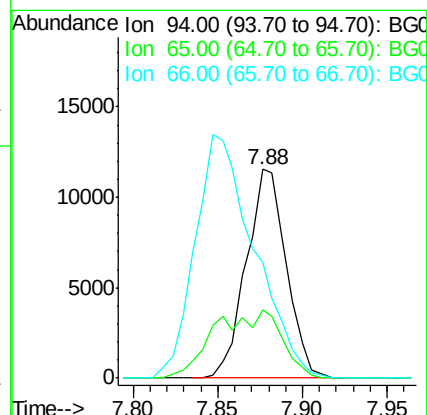
Tgt Ion: 94 Resp: 19048

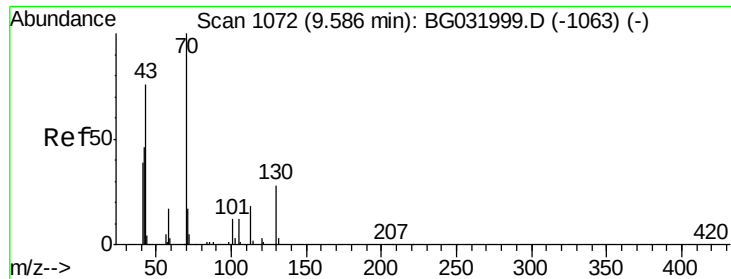
Ion Ratio Lower Upper

94 100

65 32.9 11.9 51.9

66 55.1 22.2 62.2

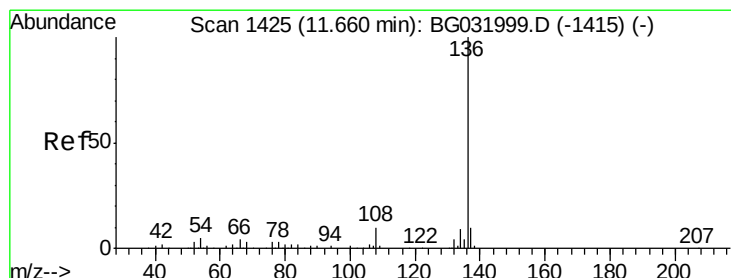
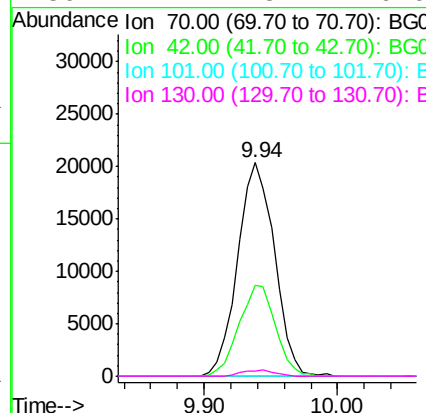
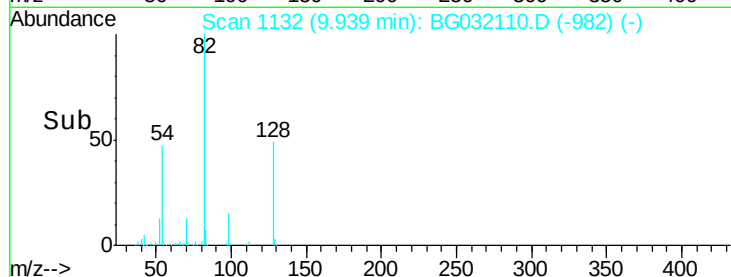
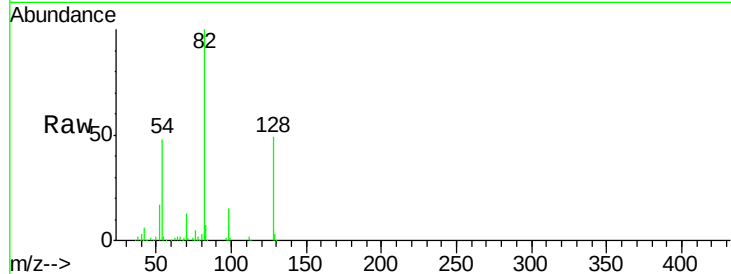




#19
n-Nitroso-di-n-propylamine
Concen: 16.550 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.35 min
Lab File: BG032110.D
Acq: 17 Jan 2018 21:06

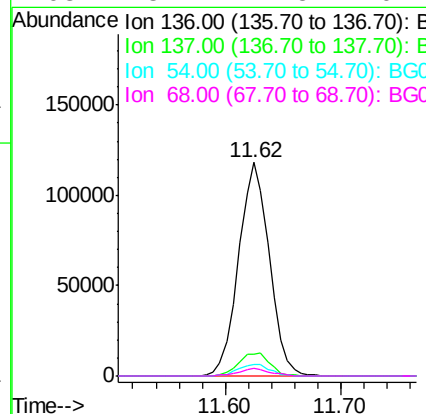
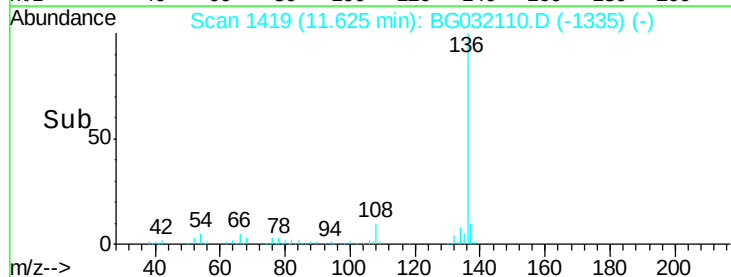
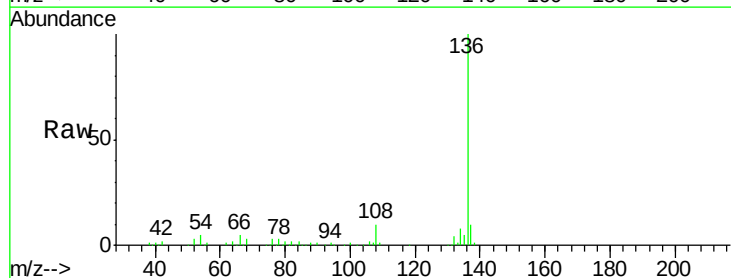
Instrument :
BNA_G
ClientSampleId :

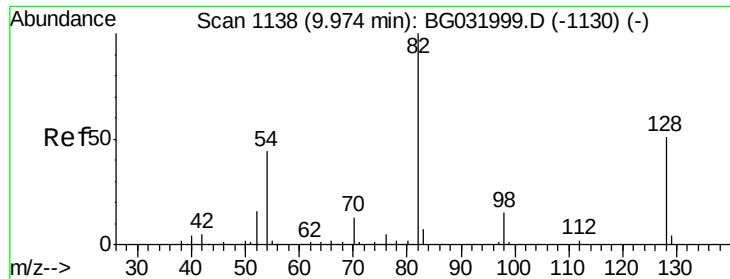
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.4	49.1	73.7#
101	0.0	8.5	12.7#
130	2.4	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1419
Delta R.T. -0.04 min
Lab File: BG032110.D
Acq: 17 Jan 2018 21:06

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	5.3	10.3	15.5#
68	3.4	4.5	6.7#

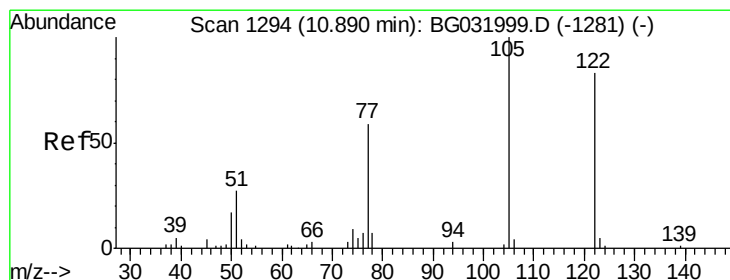
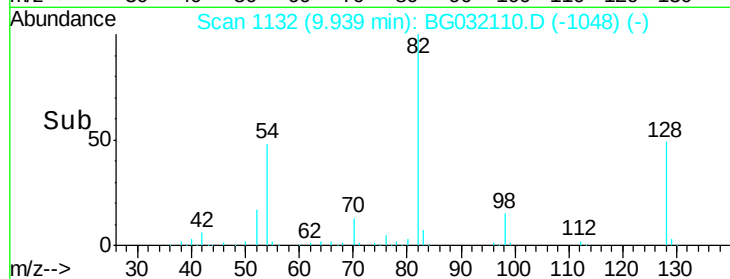
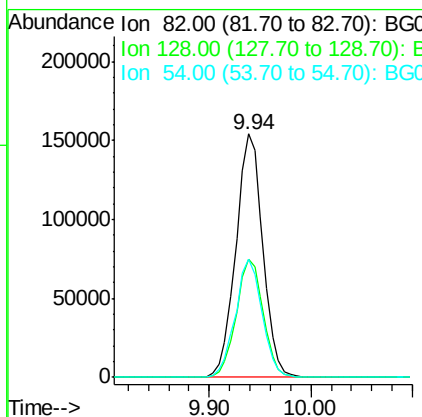
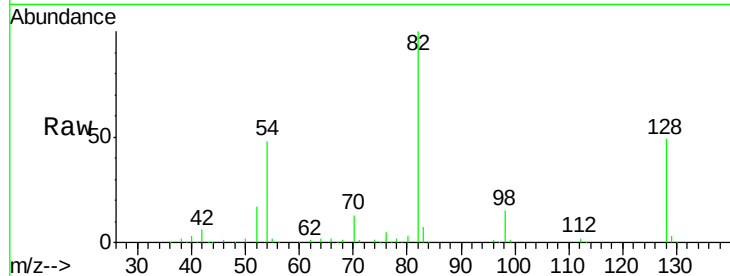




#23
Nitrobenzene-d5
Concen: 88.269 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BG032110.D
Acq: 17 Jan 2018 21:06

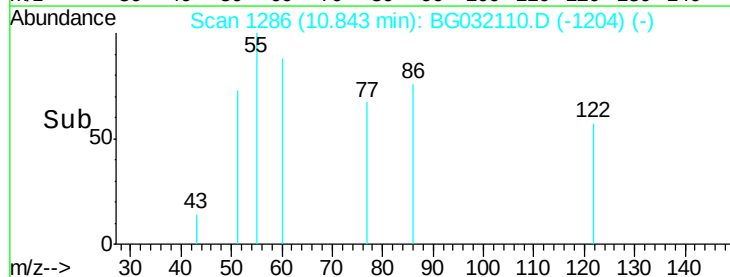
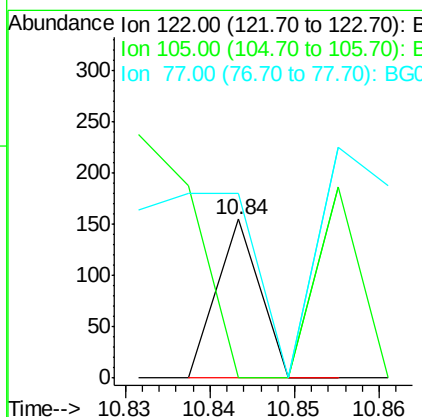
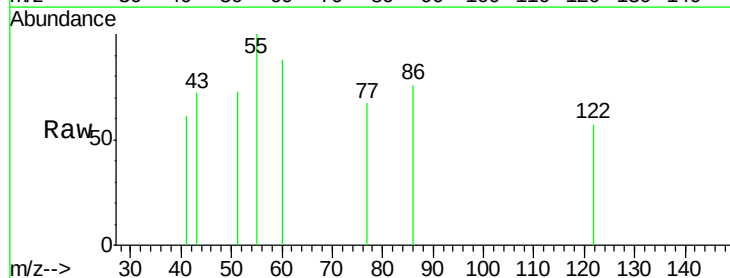
Instrument :
BNA_G
ClientSampleId :

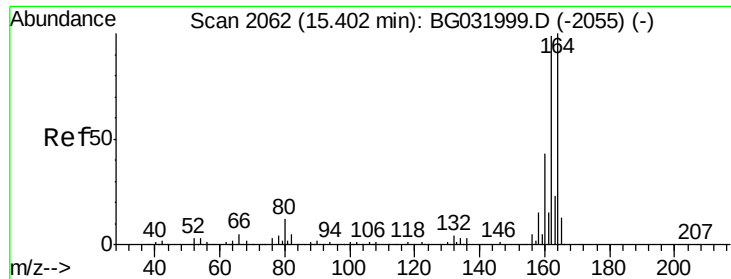
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	29.7	44.5#
54	48.3	43.1	64.7



#32
Benzoic acid
Concen: 5.276 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.05 min
Lab File: BG032110.D
Acq: 17 Jan 2018 21:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	116.1	85.7	125.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.02 min

Lab File: BG032110.D

Acq: 17 Jan 2018 21:06

Instrument :

BNA_G

ClientSampleId :

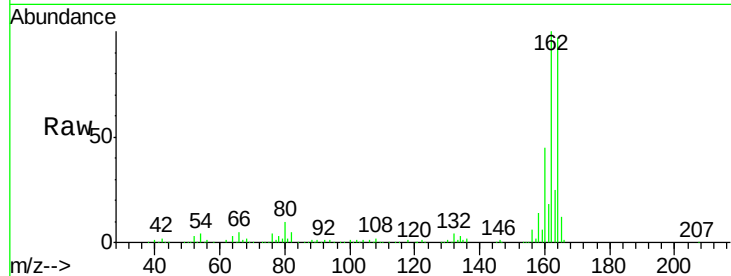
Tot Ion:164 Resp: 155415

Ion Ratio Lower Upper

164 100

162 103.3 78.8 118.2

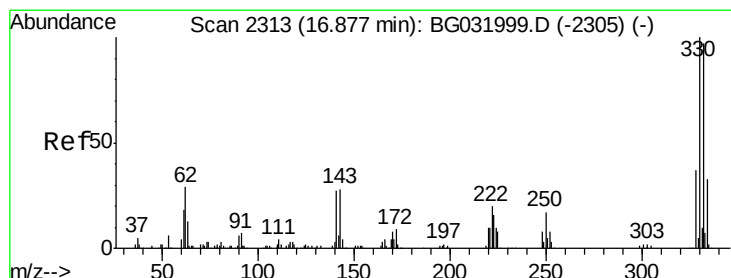
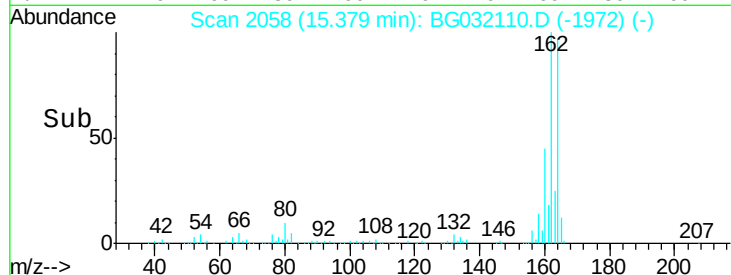
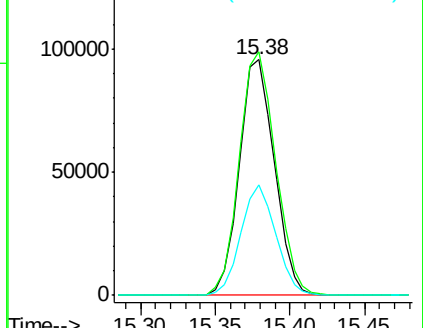
160 46.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 136.550 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BG032110.D

Acq: 17 Jan 2018 21:06

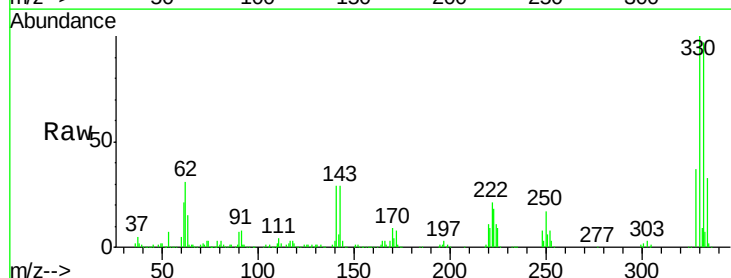
Tgt Ion:330 Resp: 351173

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

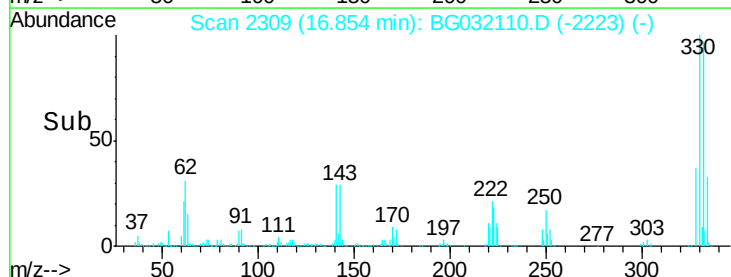
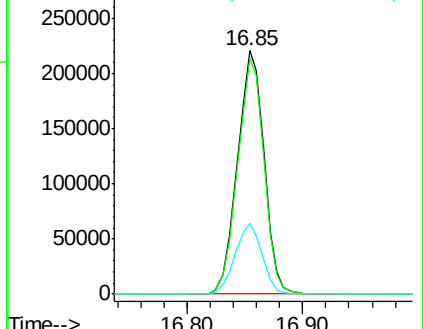
141 29.3 25.2 37.8

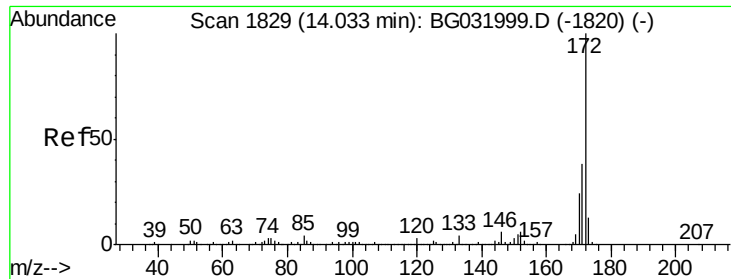


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

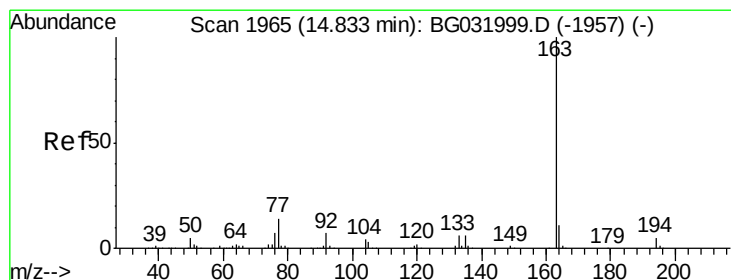
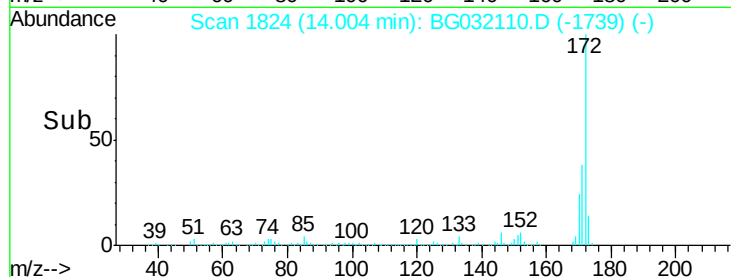
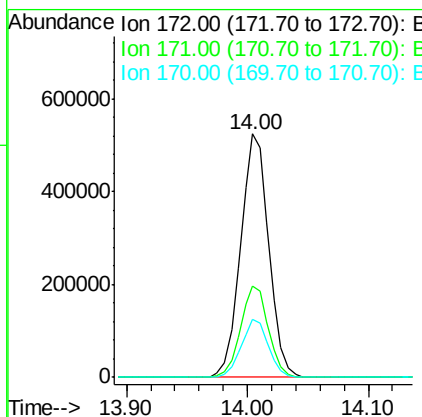
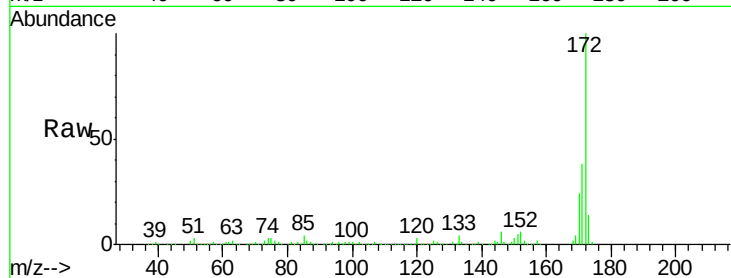




#44
2-Fluorobiphenyl
Concen: 67.579 ng
RT: 14.00 min Scan# 1824
Delta R.T. -0.03 min
Lab File: BG032110.D
Acq: 17 Jan 2018 21:06

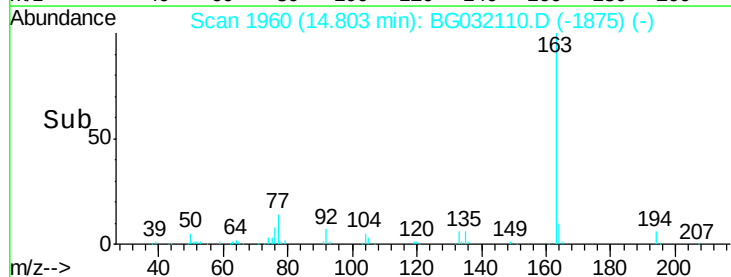
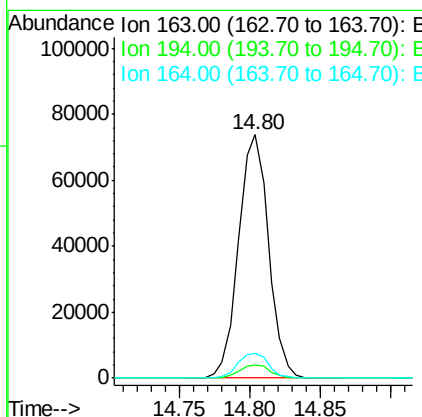
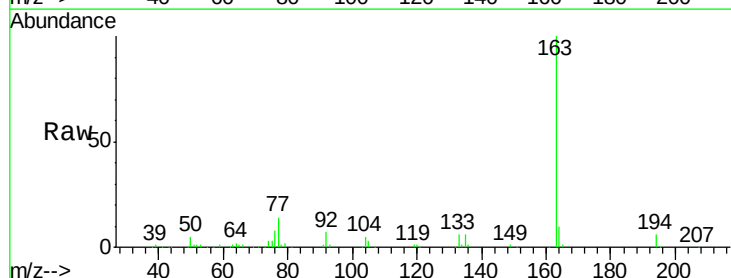
Instrument :
BNA_G
ClientSampleId :

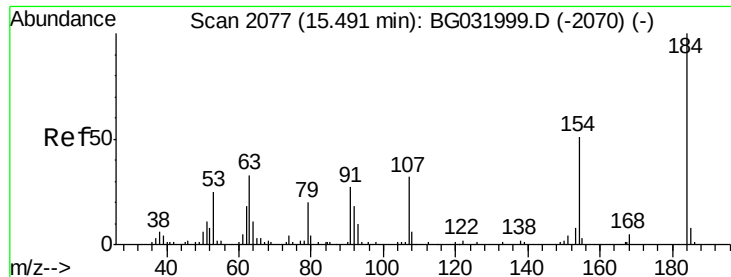
Tot Ion:172 Resp: 847036
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 24.0 19.5 29.3



#49
Dimethylphthalate
Concen: 8.053 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.03 min
Lab File: BG032110.D
Acq: 17 Jan 2018 21:06

Tgt Ion:163 Resp: 109524
Ion Ratio Lower Upper
163 100
194 5.7 3.4 5.2#
164 10.0 8.2 12.4

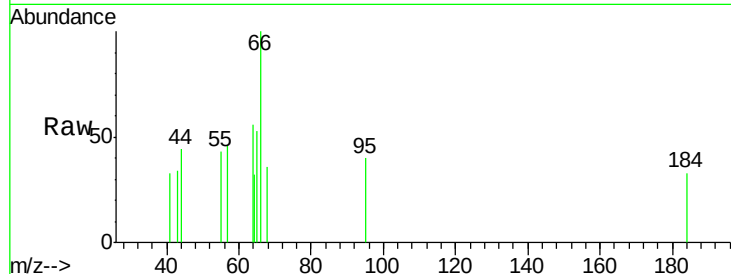




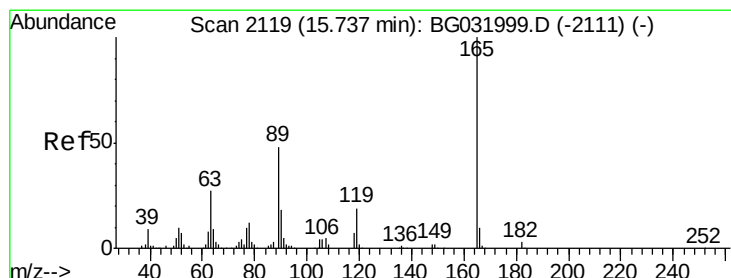
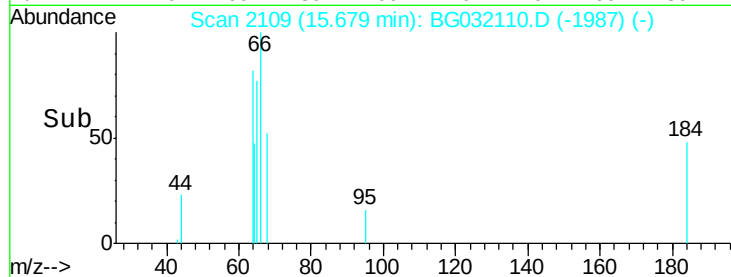
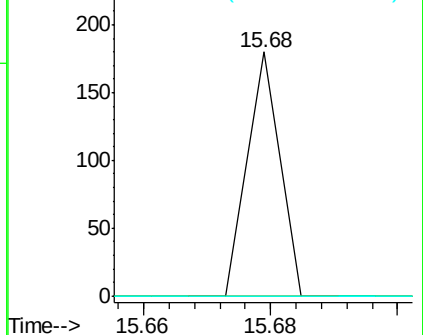
#53
2,4-Dinitrophenol
Concen: 7.004 ng
RT: 15.68 min Scan# 2109
Delta R.T. 0.19 min
Lab File: BG032110.D
Acq: 17 Jan 2018 21:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 63
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

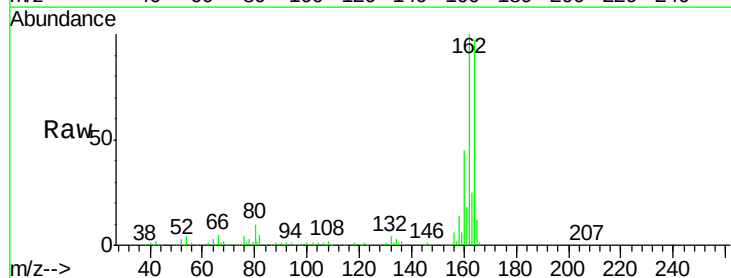


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

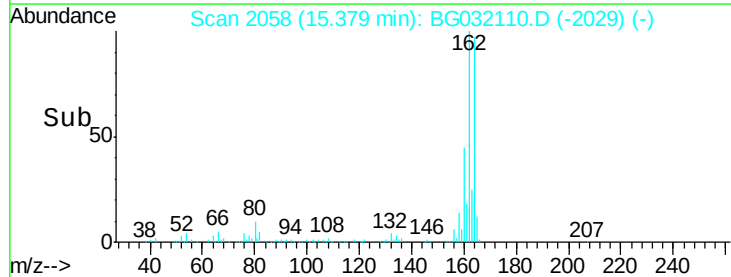
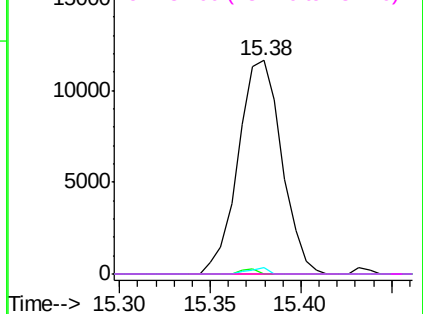


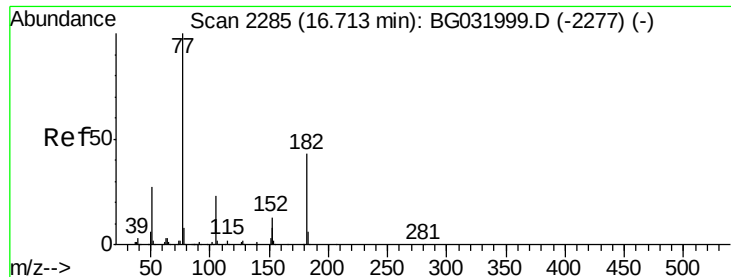
#56
2,4-Dinitrotoluene
Concen: 5.091 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.36 min
Lab File: BG032110.D
Acq: 17 Jan 2018 21:06

Tgt Ion:165 Resp: 19350
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.9 66.9 100.3#
182 0.0 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

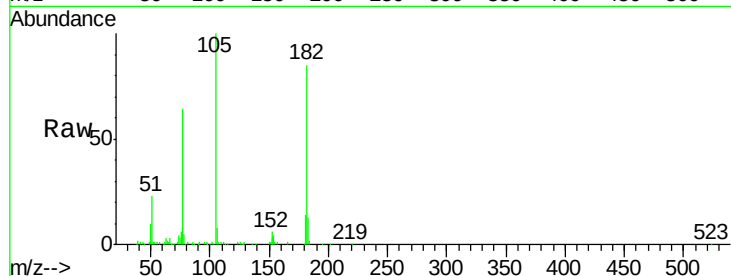




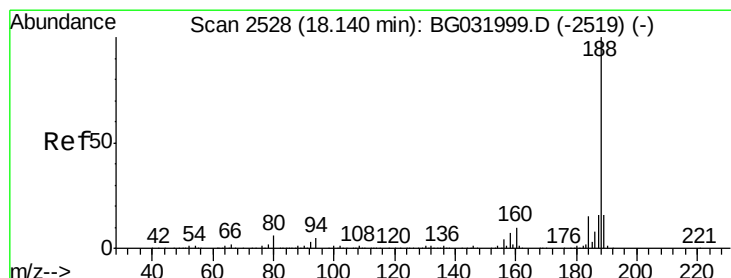
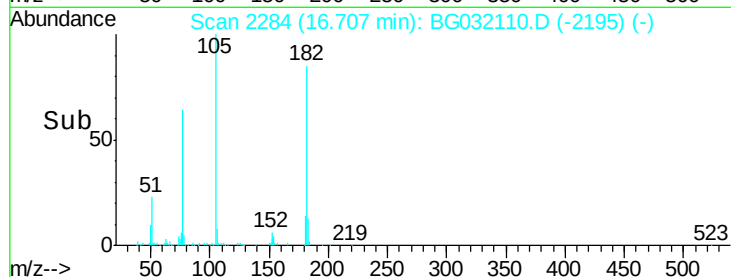
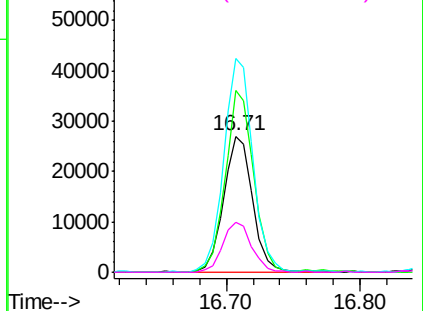
#62
Azobenzene
Concen: 4.983 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG032110.D
Acq: 17 Jan 2018 21:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 41123
Ion Ratio Lower Upper
77 100
182 133.7 7.4 47.4#
105 157.1 0.3 40.3#
51 36.5 11.6 51.6

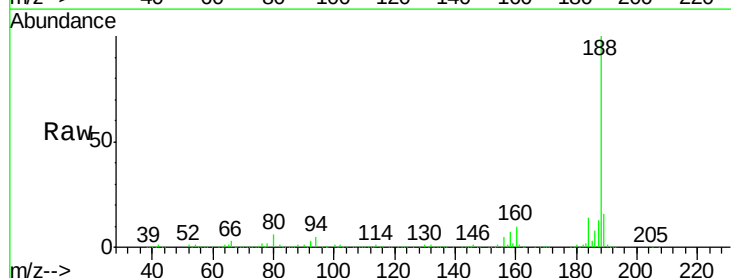


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

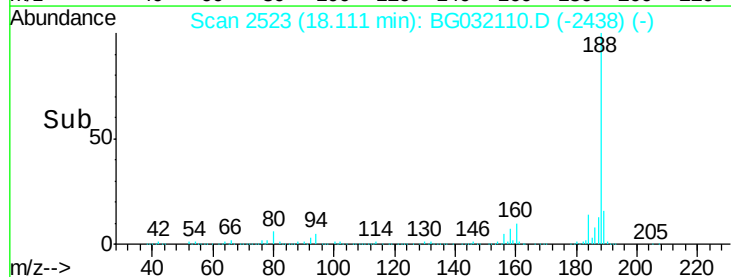
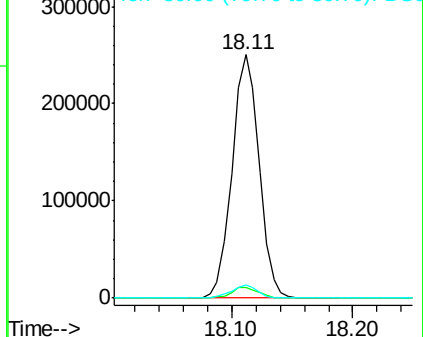


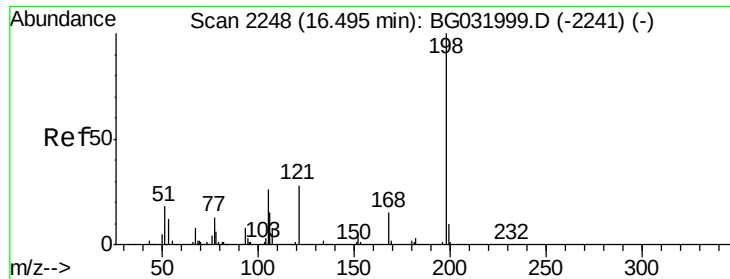
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.03 min
Lab File: BG032110.D
Acq: 17 Jan 2018 21:06

Tgt Ion: 188 Resp: 390587
Ion Ratio Lower Upper
188 100
94 4.6 6.9 10.3#
80 5.6 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

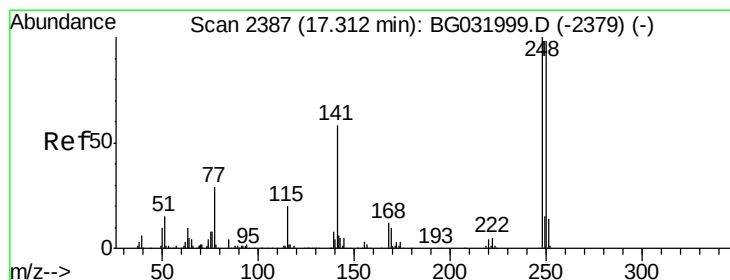
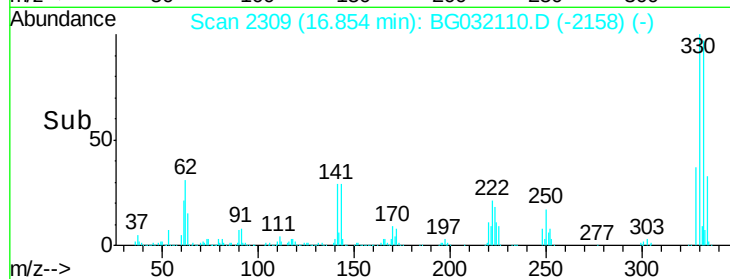
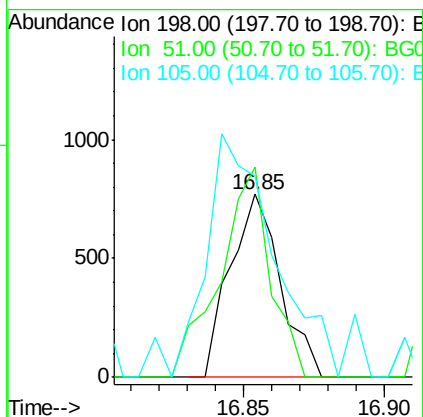
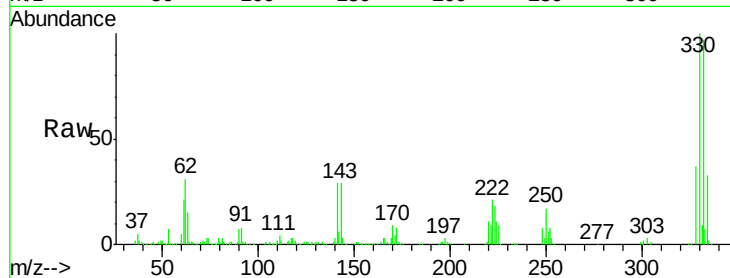




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.225 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. 0.36 min
 Lab File: BG032110.D
 Acq: 17 Jan 2018 21:06

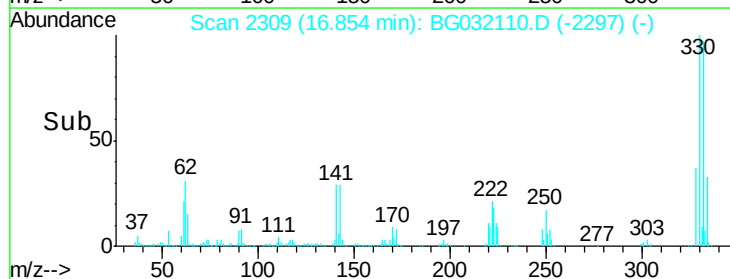
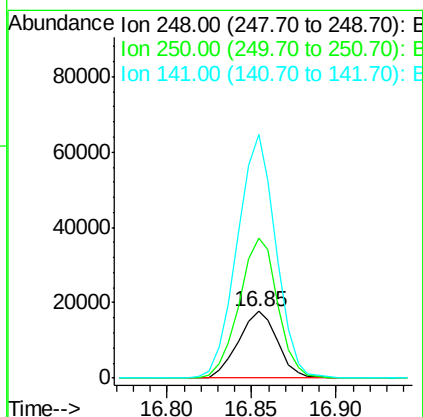
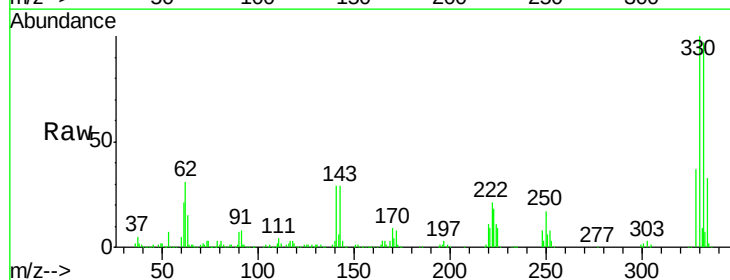
Instrument :
 BNA_G
 ClientSampleId :

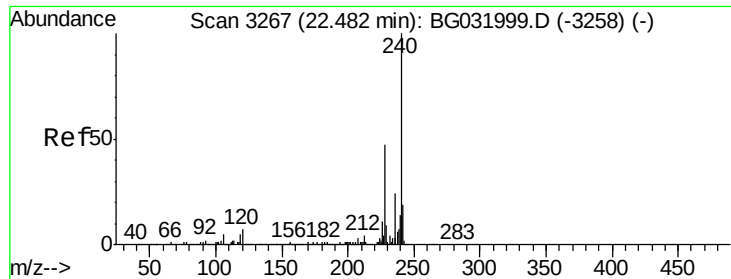
Tot Ion:198 Resp: 949
 Ion Ratio Lower Upper
 198 100
 51 115.2 30.6 70.6#
 105 110.1 23.8 63.8#



#66
 4-Bromophenyl-phenylether
 Concen: 5.118 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. -0.46 min
 Lab File: BG032110.D
 Acq: 17 Jan 2018 21:06

Tgt Ion:248 Resp: 28444
 Ion Ratio Lower Upper
 248 100
 250 210.5 77.1 115.7#
 141 365.0 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.45 min Scan# 3261

Delta R.T. -0.03 min

Lab File: BG032110.D

Acq: 17 Jan 2018 21:06

Instrument :

BNA_G

ClientSampleId :

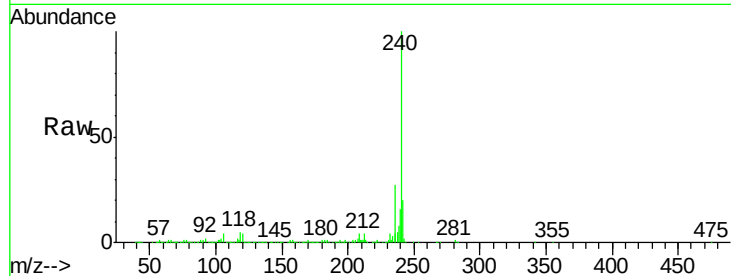
Tot Ion:240 Resp: 466147

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

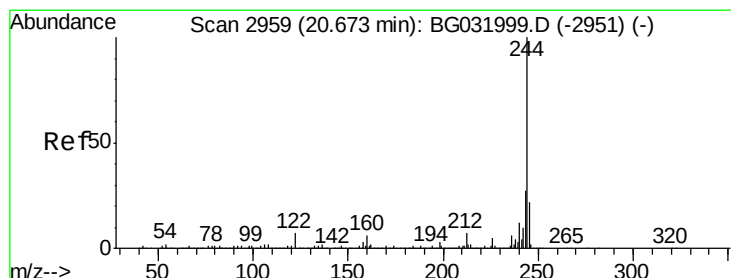
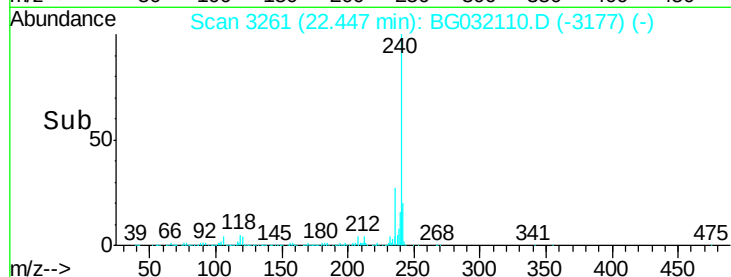
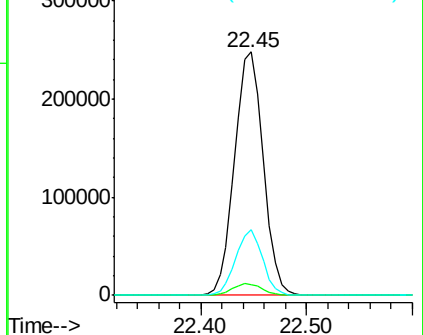
236 26.8 20.9 31.3



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: 70.854 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BG032110.D

Acq: 17 Jan 2018 21:06

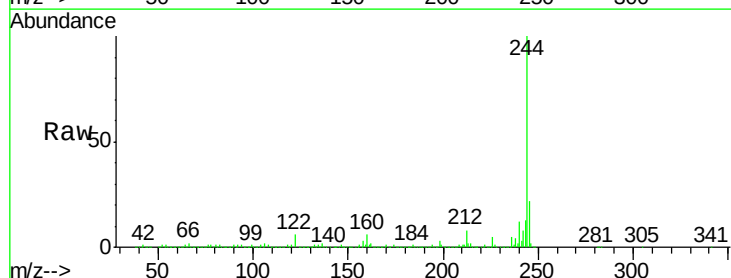
Tgt Ion:244 Resp: 1495825

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

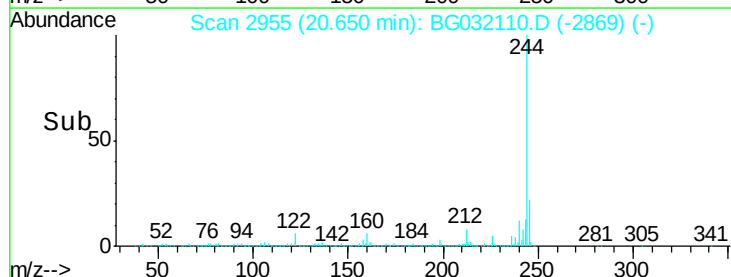
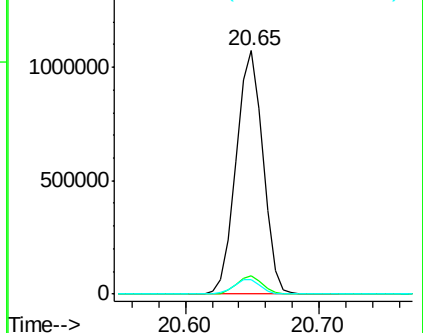
122 6.1 7.0 10.4#

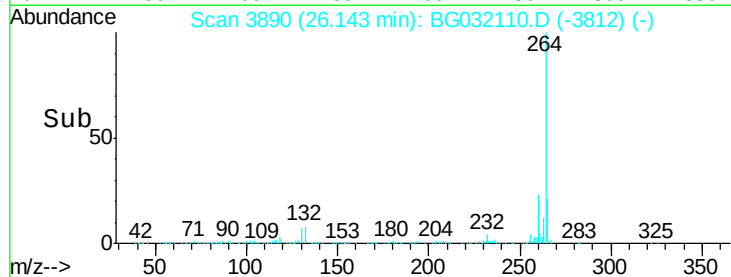
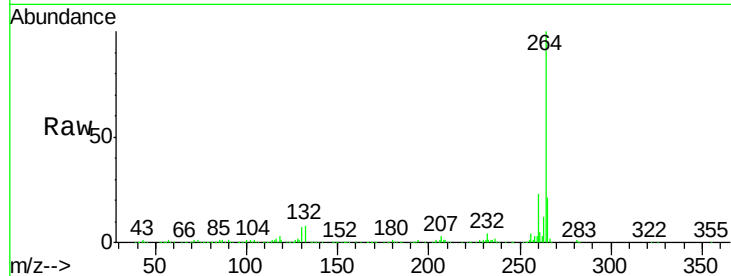
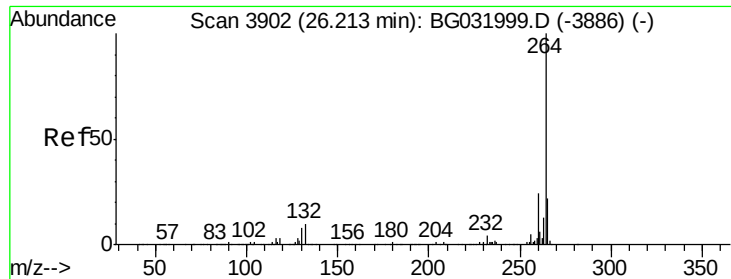


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.14 min Scan# 3890
 Delta R.T. -0.07 min
 Lab File: BG032110.D
 Acq: 17 Jan 2018 21:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.4	17.7	26.5

