

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
 Data File : BG032910.D
 Acq On : 1 Mar 2018 6:33
 Operator : SJ/JU
 Sample : J1710-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 01 07:42:55 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	76521	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	331036	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	183270	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	398270	20.00	ng	0.00
75) Chrysene-d12	22.62	240	358025	20.00	ng	-0.01
86) Perylene-d12	26.43	264	351073	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.34	112	665930	139.23	ng	0.00
7) Phenol-d6	8.02	99	808846	121.32	ng	0.00
23) Nitrobenzene-d5	10.12	82	564834	114.51	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	271700	140.99	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1228128	96.65	ng	0.00
78) Terphenyl-d14	20.78	244	1631091	102.36	ng	0.00

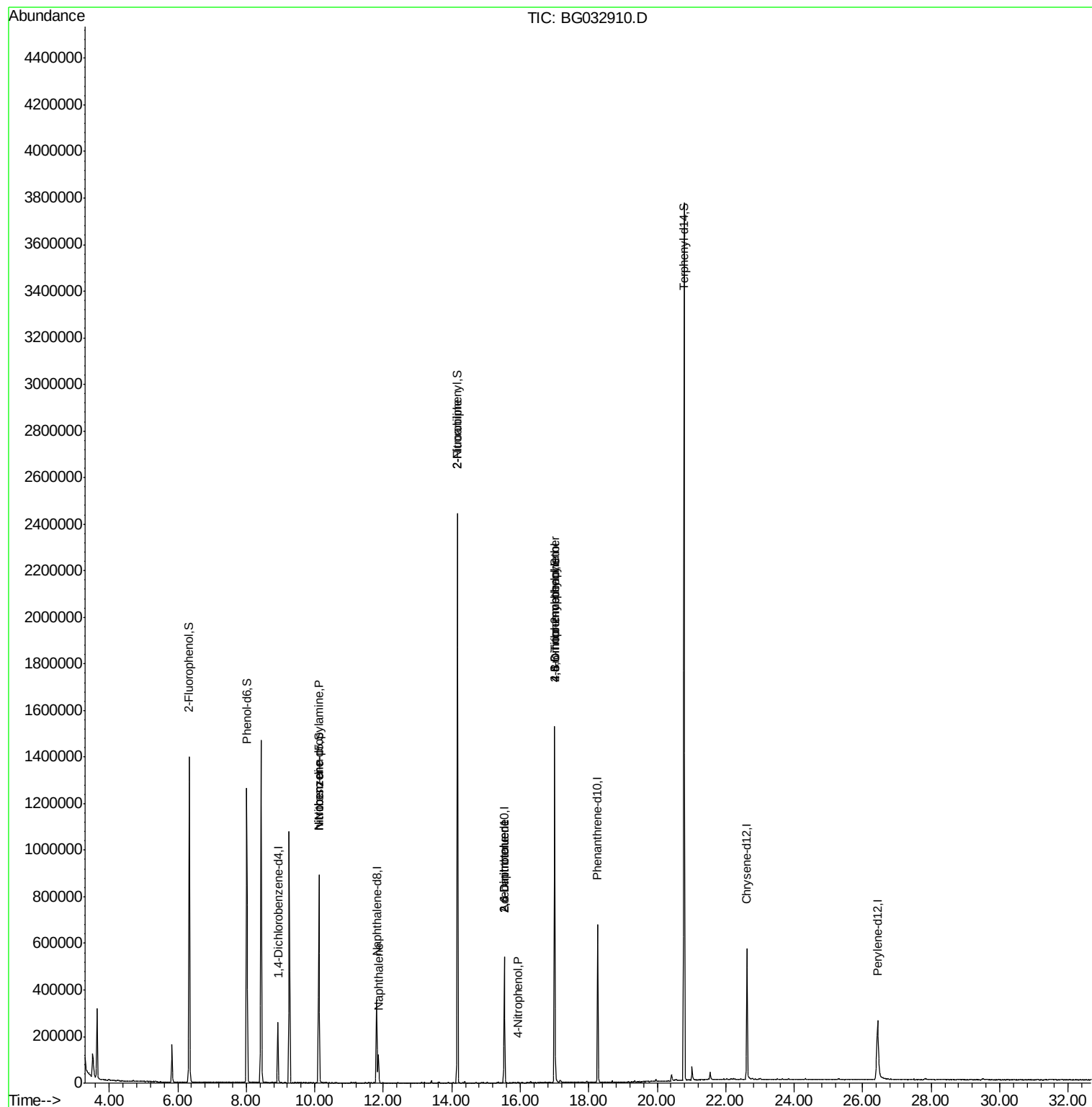
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	10.12	70	73750	15.669	ng	# 84
24) Nitrobenzene	10.11	77	1801	6.676	ng	# 32
31) Naphthalene	11.86	128	108324	6.262	ng	# 98
47) 2-Nitroaniline	14.16	65	2533	10.503	ng	# 8
50) 2,6-Dinitrotoluene	15.53	165	23900	16.457	ng	# 21
55) 4-Nitrophenol	15.93	139	500	7.259	ng	# 1
56) 2,4-Dinitrotoluene	15.53	165	23900	14.655	ng	# 19
64) 4,6-Dinitro-2-methylphenol	17.00	198	900	5.908	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	19825	4.708	ng	# 1

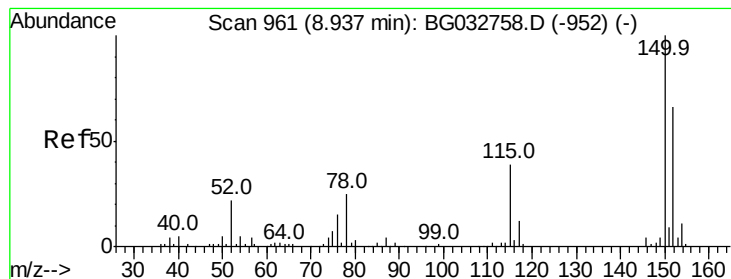
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
Data File : BG032910.D
Acq On : 1 Mar 2018 6:33
Operator : SJ/JU
Sample : J1710-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 01 07:42:55 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration



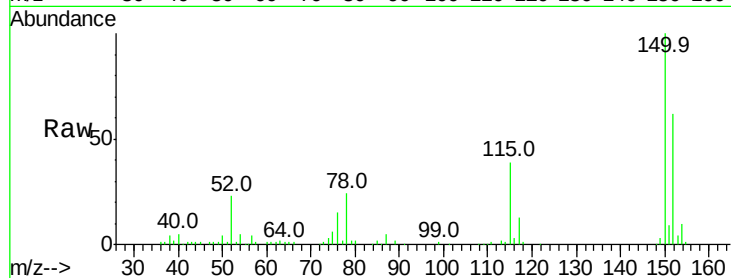


#1

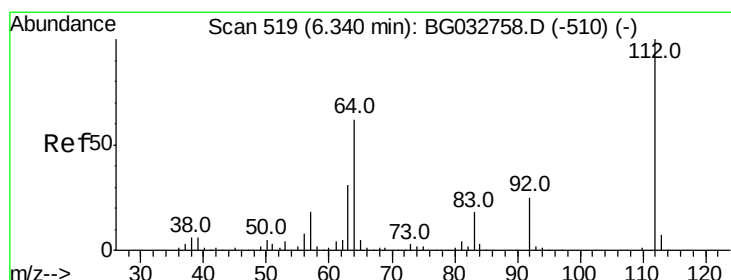
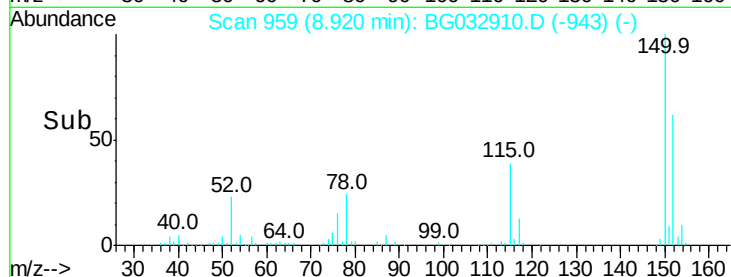
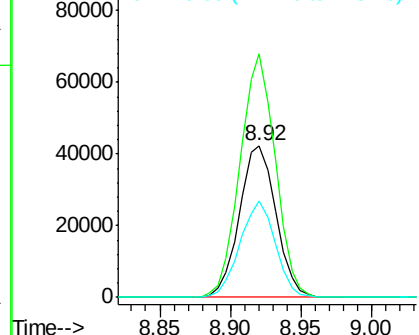
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032910.D
Acq: 1 Mar 2018 6:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76521
Ion Ratio Lower Upper
152 100
150 160.2 126.6 189.8
115 63.1 53.0 79.4



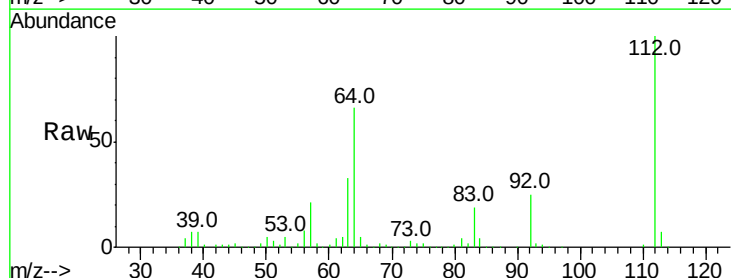
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



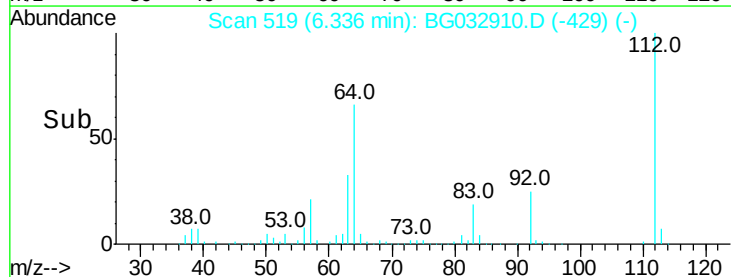
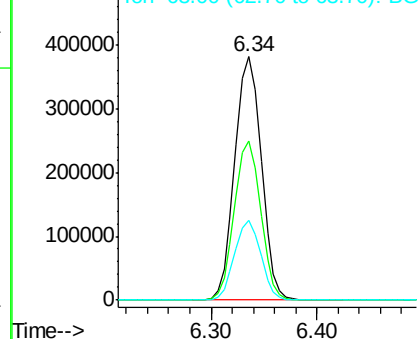
#5

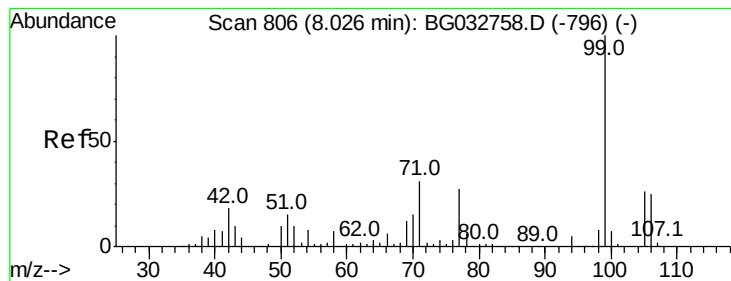
2-Fluorophenol
Concen: 139.229 ng
RT: 6.34 min Scan# 519
Delta R.T. -0.00 min
Lab File: BG032910.D
Acq: 1 Mar 2018 6:33

Tgt Ion:112 Resp: 665930
Ion Ratio Lower Upper
112 100
64 65.6 56.3 84.5
63 32.8 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





#7

Phenol-d6

Concen: 121.324 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG032910.D

Acq: 1 Mar 2018 6:33

Instrument :

BNA_F

ClientSampled :

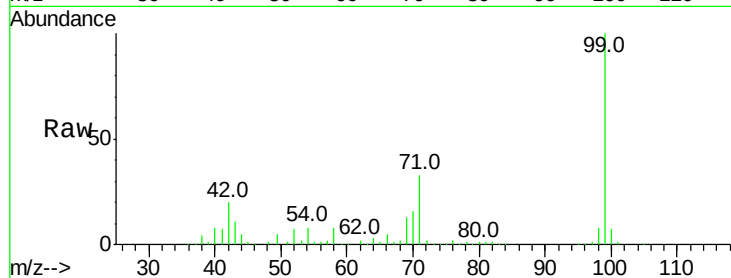
Tot Ion: 99 Resp: 808846

Ion Ratio Lower Upper

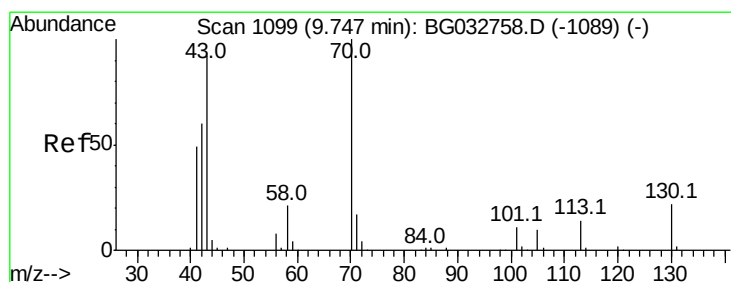
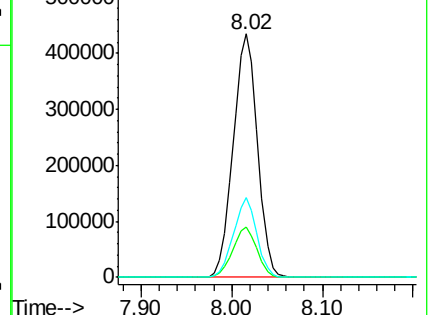
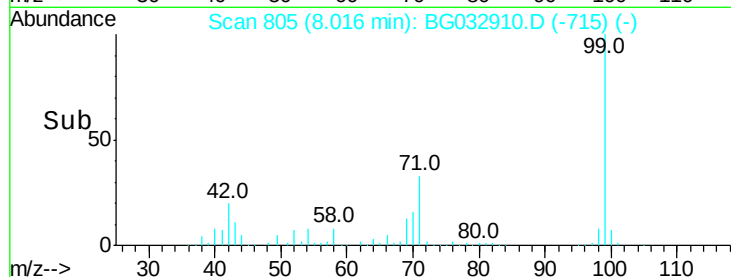
99 100

42 20.5 14.1 21.1

71 32.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.669 ng

RT: 10.12 min Scan# 1163

Delta R.T. 0.38 min

Lab File: BG032910.D

Acq: 1 Mar 2018 6:33

Tgt Ion: 70 Resp: 73750

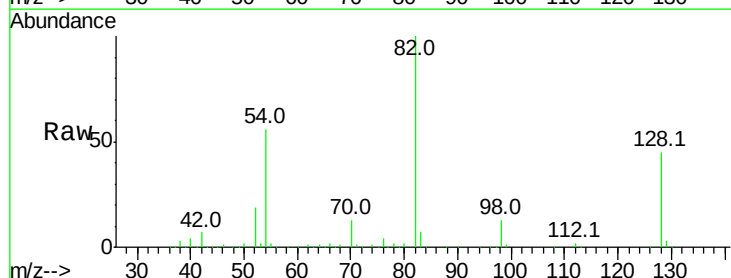
Ion Ratio Lower Upper

70 100

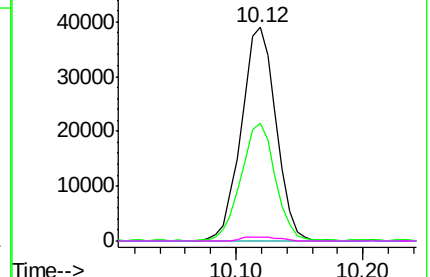
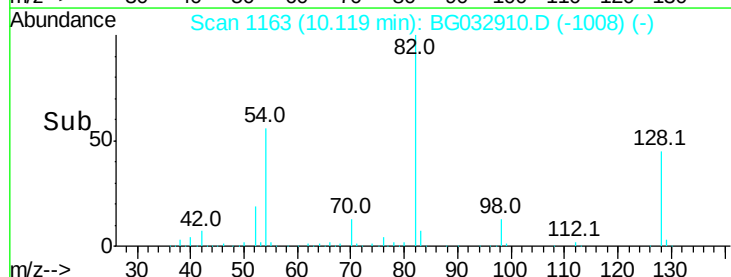
42 54.9 49.1 73.7

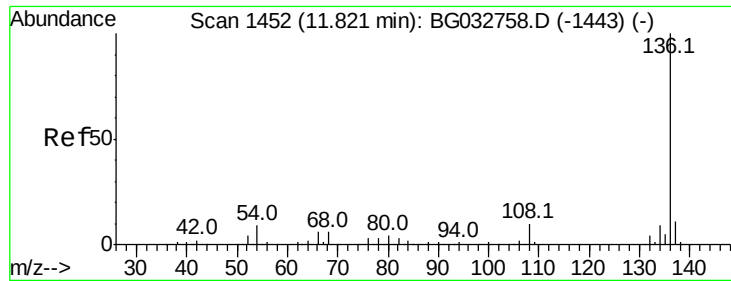
101 0.0 8.5 12.7#

130 1.9 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

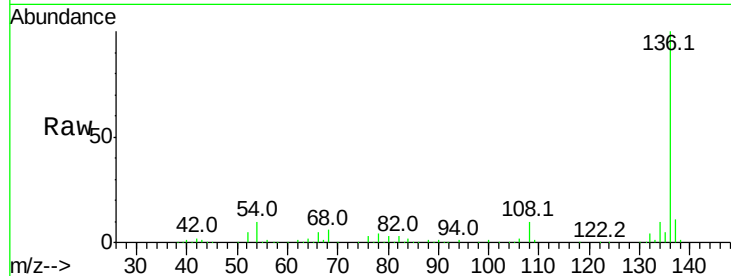




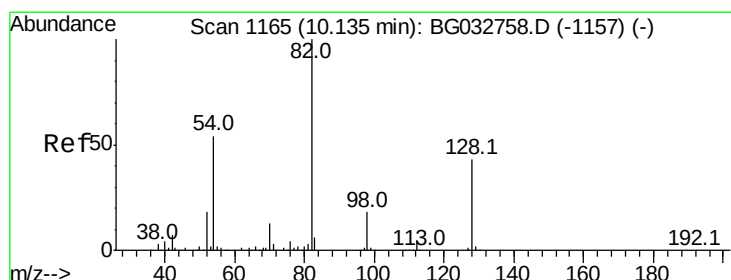
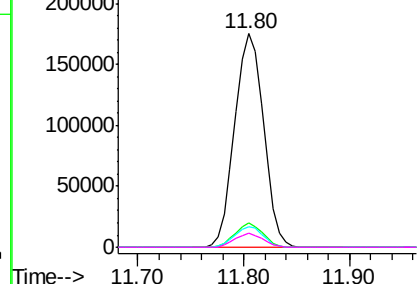
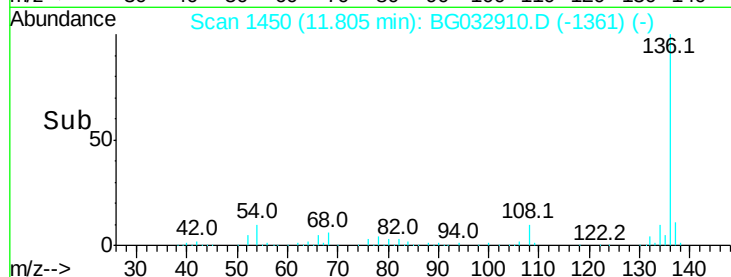
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BG032910.D
Acq: 1 Mar 2018 6:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 331036
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 9.7 10.3 15.5#
68 6.5 4.5 6.7

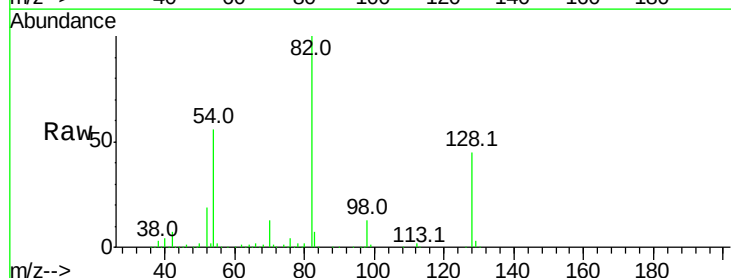


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

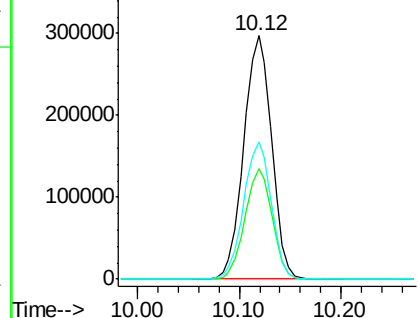
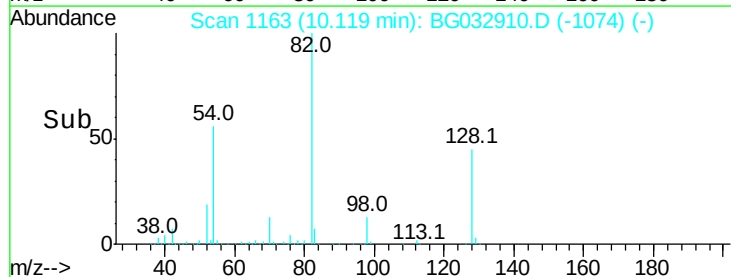


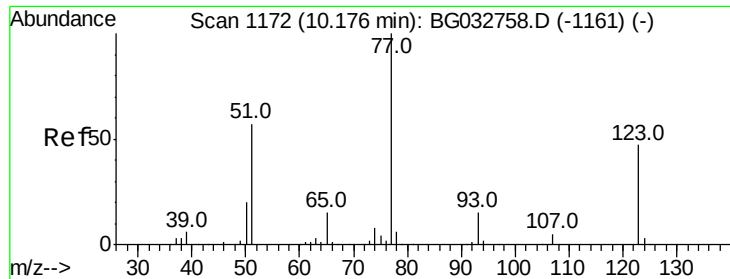
#23
Nitrobenzene-d5
Concen: 114.510 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG032910.D
Acq: 1 Mar 2018 6:33

Tgt Ion: 82 Resp: 564834
Ion Ratio Lower Upper
82 100
128 45.2 29.7 44.5#
54 56.4 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: 6.676 ng

RT: 10.11 min Scan# 1162

Delta R.T. -0.05 min

Lab File: BG032910.D

Acq: 1 Mar 2018 6:33

Instrument :

BNA_F

ClientSampleId :

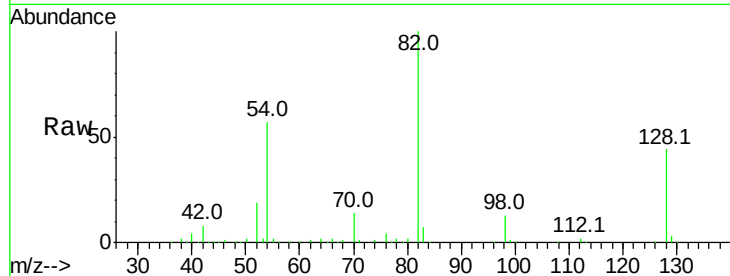
Tot Ion: 77 Resp: 1801

Ion Ratio Lower Upper

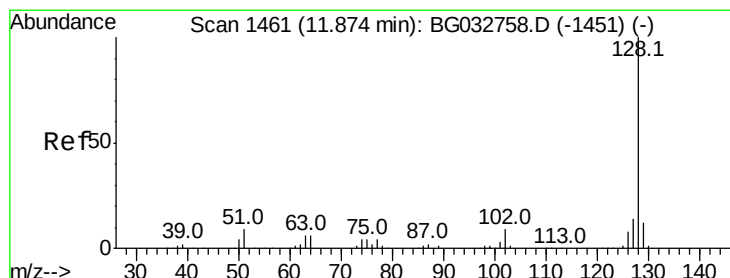
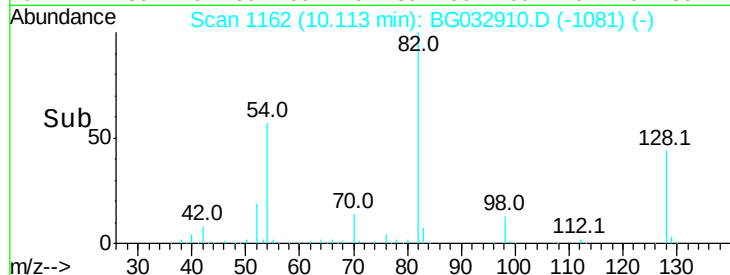
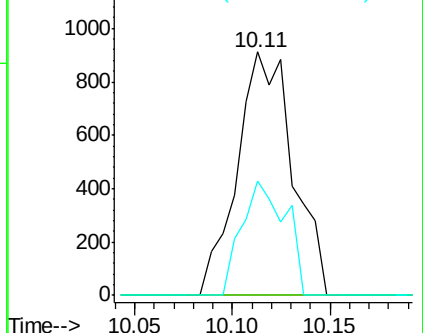
77 100

123 0.0 33.0 49.6#

65 47.0 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#31

Naphthalene

Concen: 6.262 ng

RT: 11.86 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BG032910.D

Acq: 1 Mar 2018 6:33

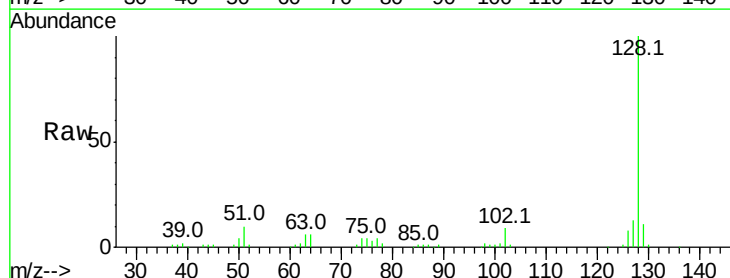
Tgt Ion: 128 Resp: 108324

Ion Ratio Lower Upper

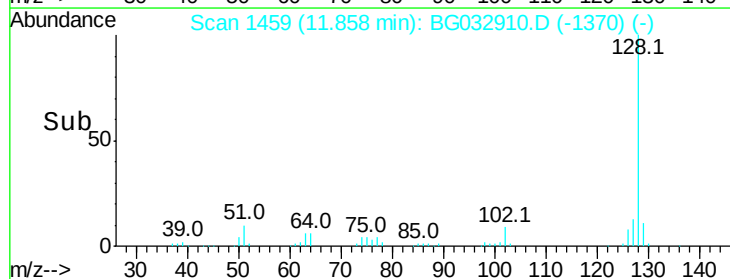
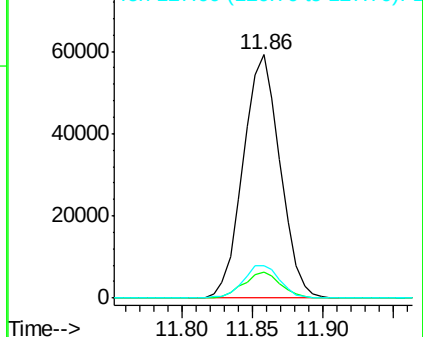
128 100

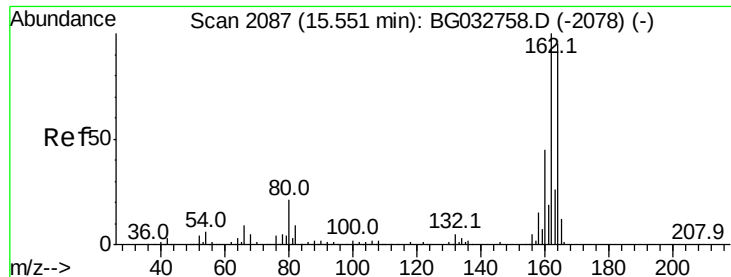
129 10.8 8.6 12.8

127 13.1 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG032910.D

Acq: 1 Mar 2018 6:33

Instrument :

BNA_F

ClientSampleId :

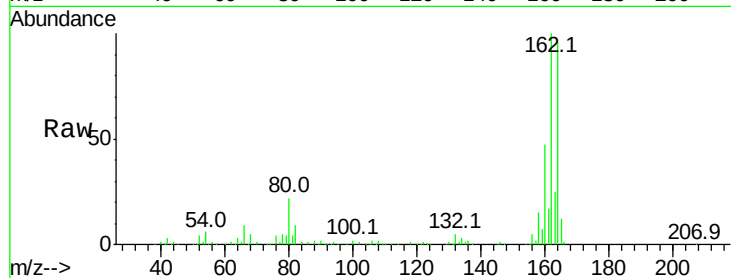
Tot Ion:164 Resp: 183270

Ion Ratio Lower Upper

164 100

162 104.0 78.8 118.2

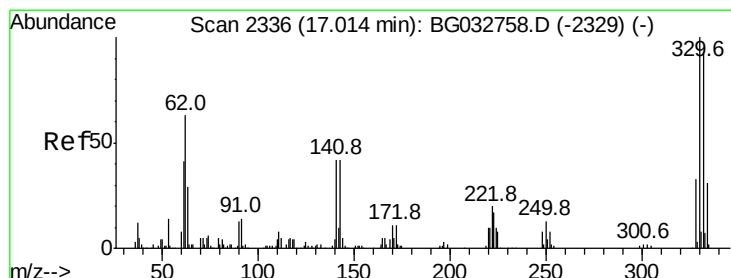
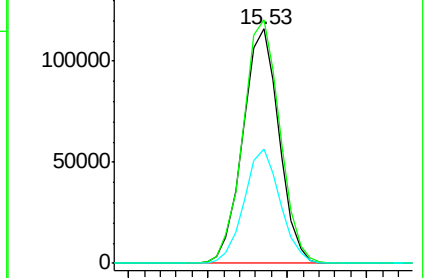
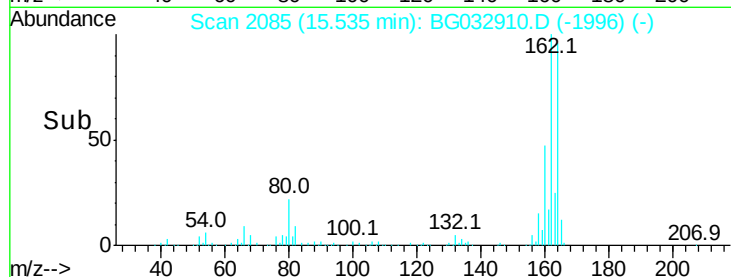
160 48.6 35.4 53.0



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: 140.995 ng

RT: 17.00 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BG032910.D

Acq: 1 Mar 2018 6:33

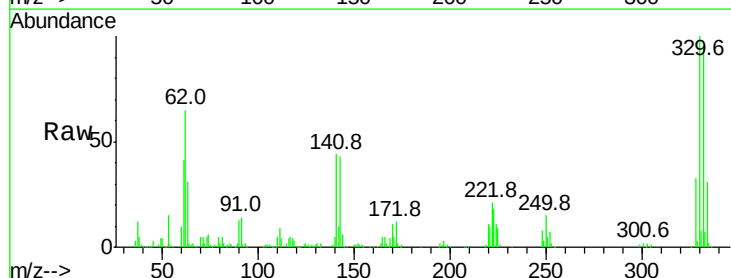
Tgt Ion:330 Resp: 271700

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

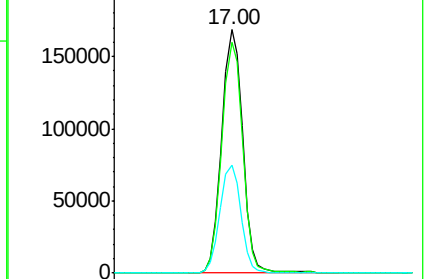
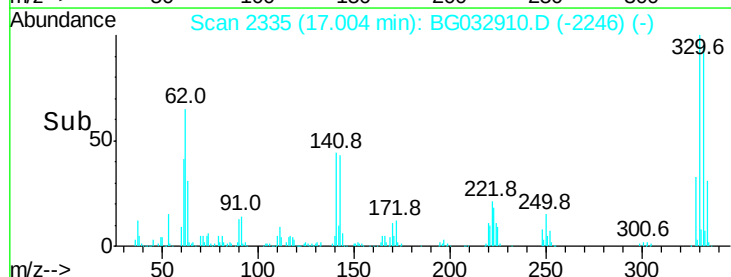
141 44.5 25.2 37.8#

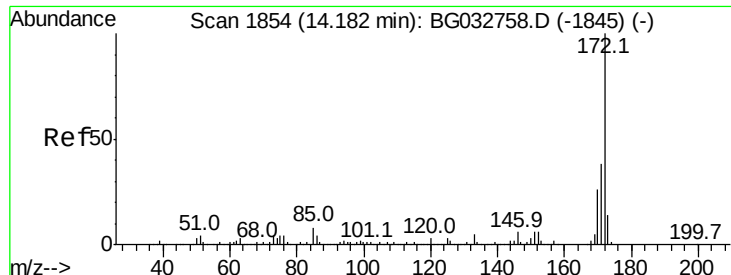


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

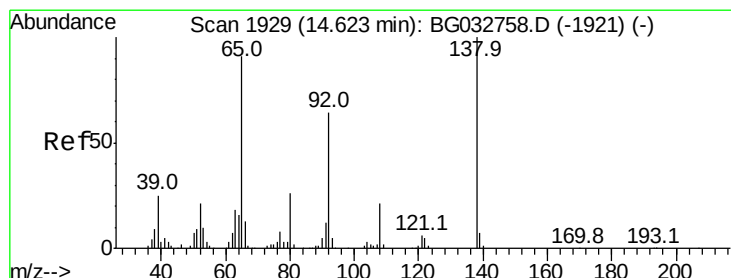
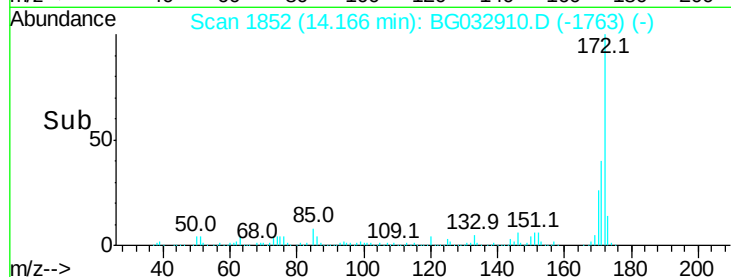
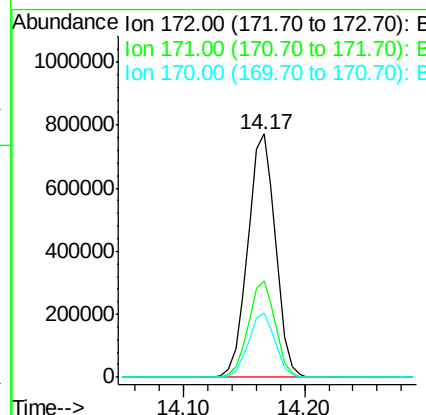
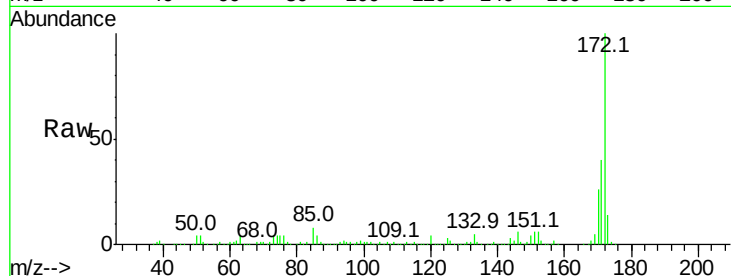




#44
2-Fluorobiphenyl
Concen: 96.648 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG032910.D
Acq: 1 Mar 2018 6:33

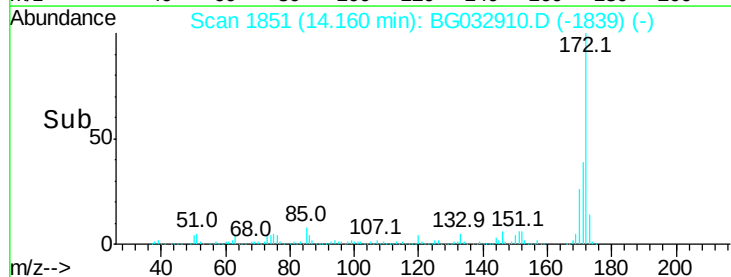
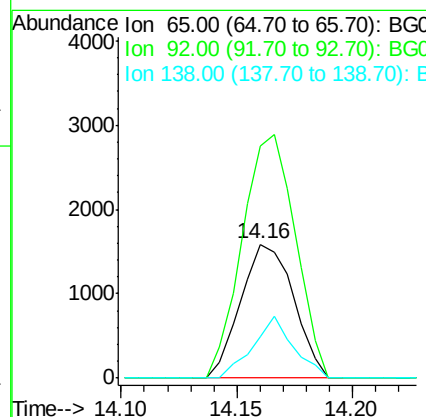
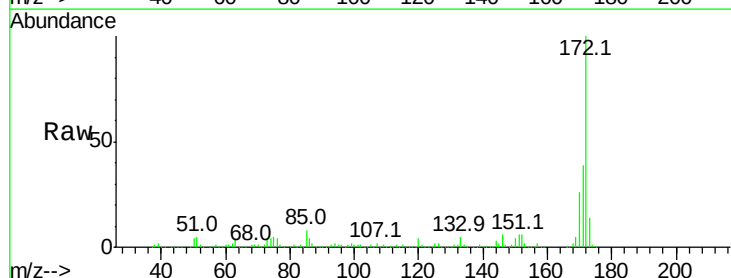
Instrument :
BNA_F
ClientSampled :

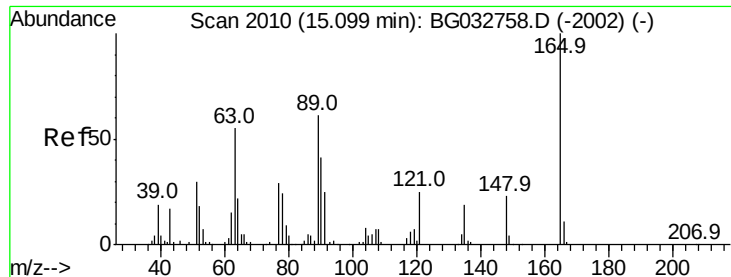
Tot Ion:172 Resp: 1228128
Ion Ratio Lower Upper
172 100
171 39.6 30.0 45.0
170 26.2 19.5 29.3



#47
2-Nitroaniline
Concen: 10.503 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.46 min
Lab File: BG032910.D
Acq: 1 Mar 2018 6:33

Tgt Ion: 65 Resp: 2533
Ion Ratio Lower Upper
65 100
92 173.6 54.6 82.0#
138 31.2 72.9 109.3#

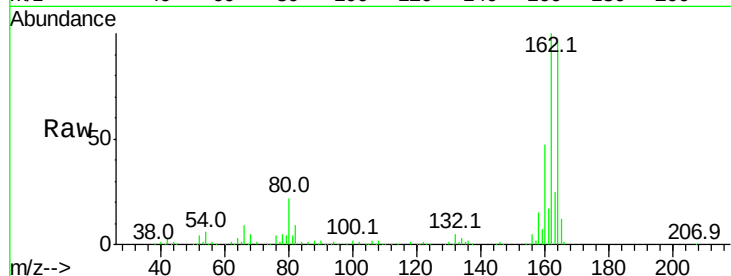




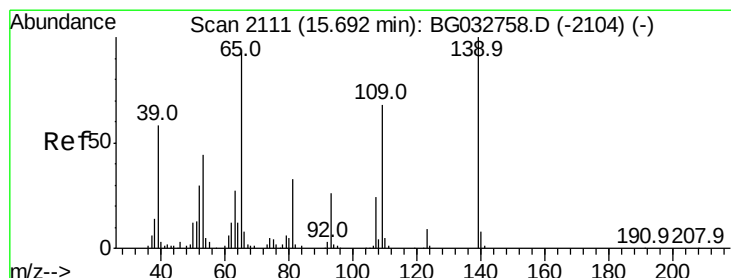
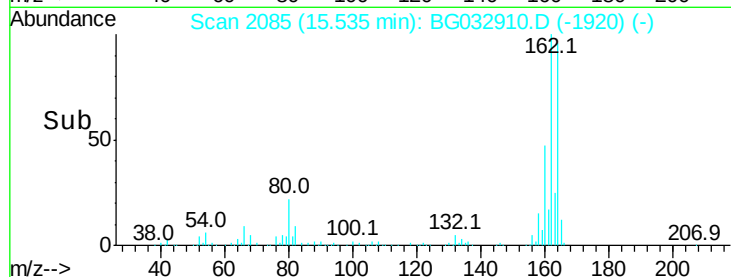
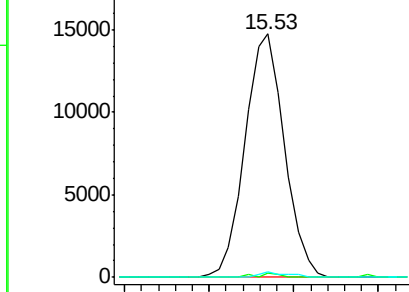
#50
 2,6-Dinitrotoluene
 Concen: 16.457 ng
 RT: 15.53 min Scan# 2085
 Delta R.T. 0.44 min
 Lab File: BG032910.D
 Acq: 1 Mar 2018 6:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 23900
 Ion Ratio Lower Upper
 165 100
 63 1.7 52.7 79.1#
 89 2.1 49.2 73.8#

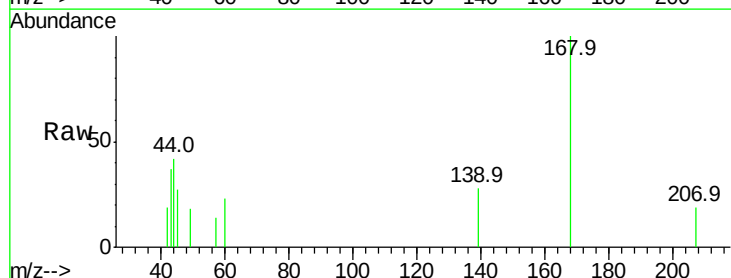


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

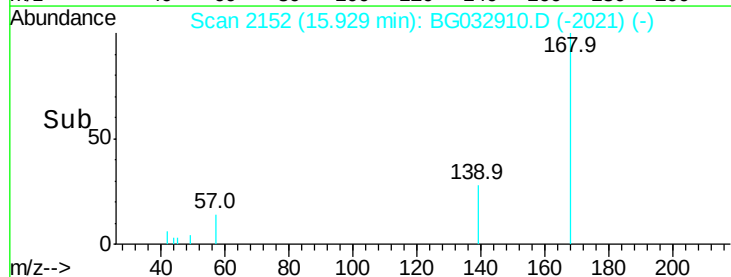
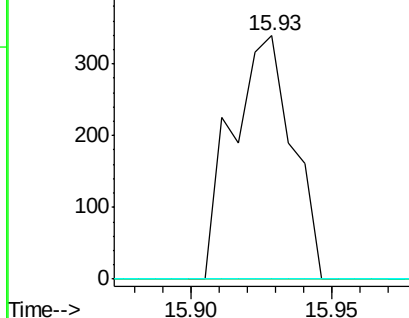


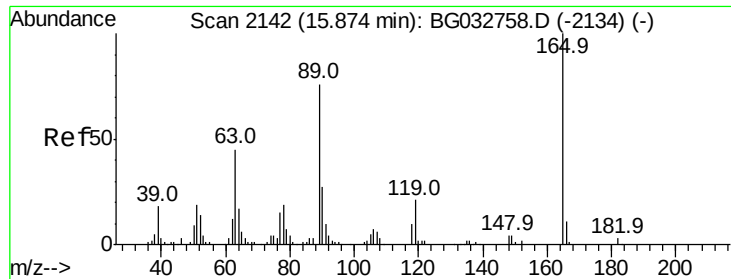
#55
 4-Nitrophenol
 Concen: 7.259 ng
 RT: 15.93 min Scan# 2152
 Delta R.T. 0.24 min
 Lab File: BG032910.D
 Acq: 1 Mar 2018 6:33

Tgt Ion:139 Resp: 500
 Ion Ratio Lower Upper
 139 100
 109 0.0 62.2 102.2#
 65 0.0 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

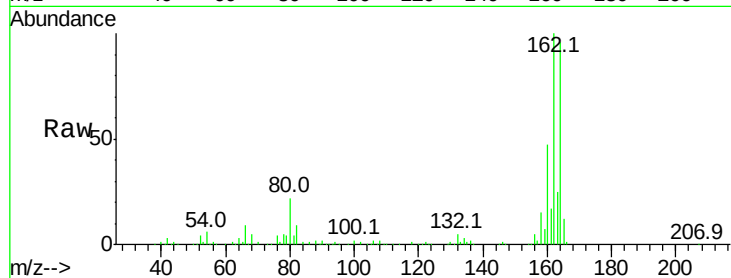




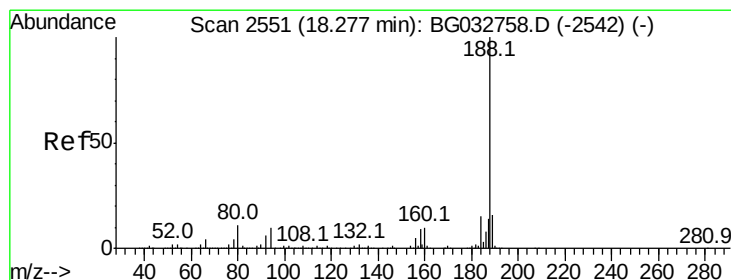
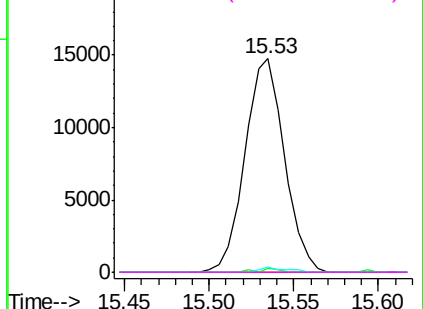
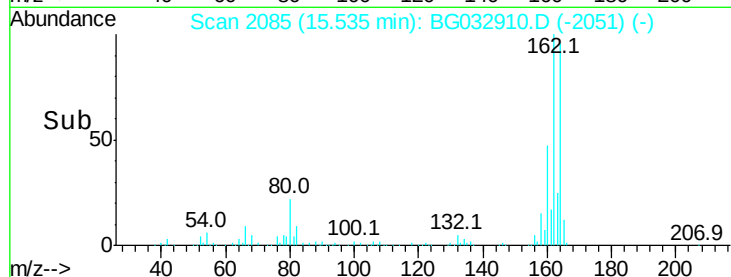
#56
 2,4-Dinitrotoluene
 Concen: 14.655 ng
 RT: 15.53 min Scan# 2085
 Delta R.T. -0.33 min
 Lab File: BG032910.D
 Acq: 1 Mar 2018 6:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 23900
 Ion Ratio Lower Upper
 165 100
 63 1.7 42.0 63.0#
 89 2.1 66.9 100.3#
 182 0.0 2.6 3.8#

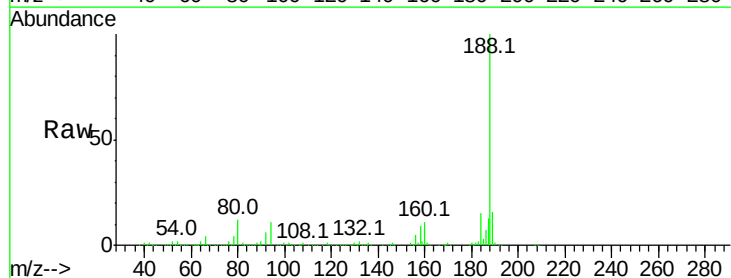


Abundance Ion 165.00 (164.70 to 165.70): E

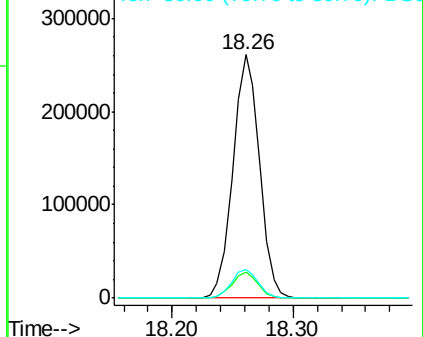
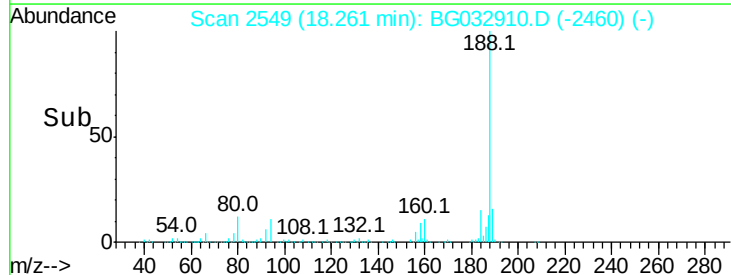


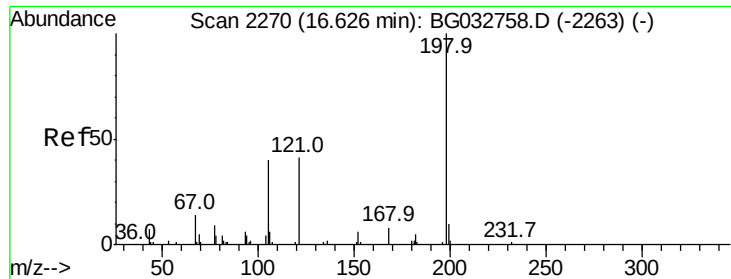
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BG032910.D
 Acq: 1 Mar 2018 6:33

Tgt Ion:188 Resp: 398270
 Ion Ratio Lower Upper
 188 100
 94 10.8 6.9 10.3#
 80 11.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

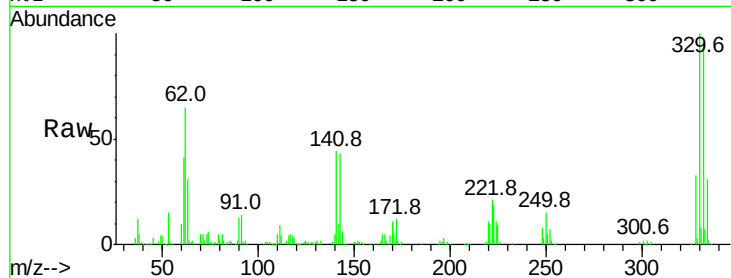




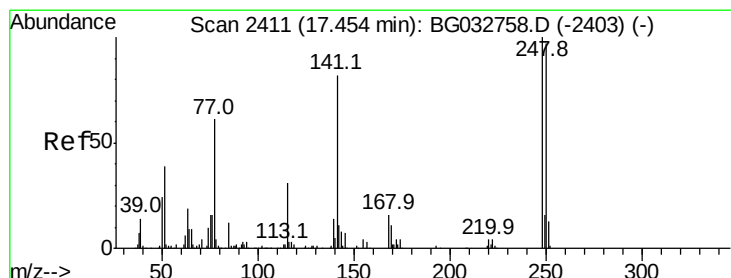
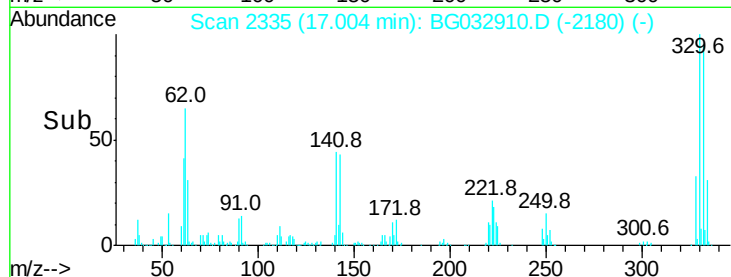
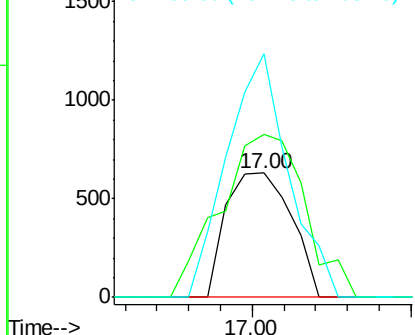
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.908 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. 0.38 min
 Lab File: BG032910.D
 Acq: 1 Mar 2018 6:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 900
 Ion Ratio Lower Upper
 198 100
 51 131.2 30.6 70.6#
 105 195.6 23.8 63.8#

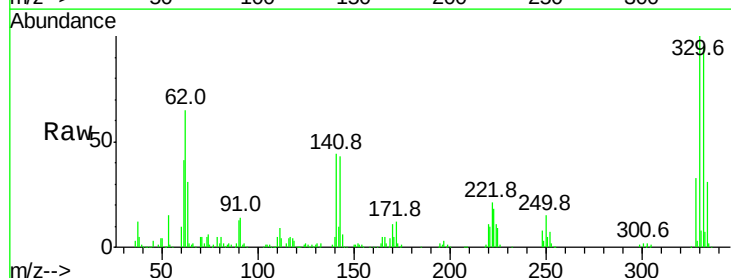


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

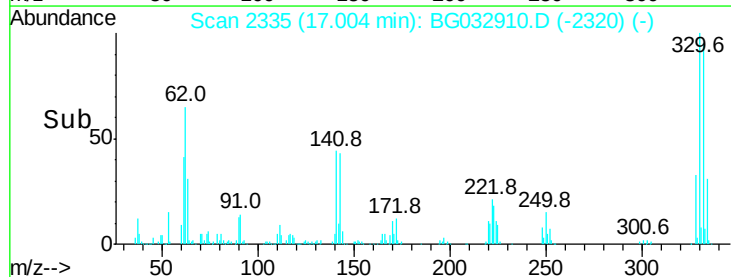
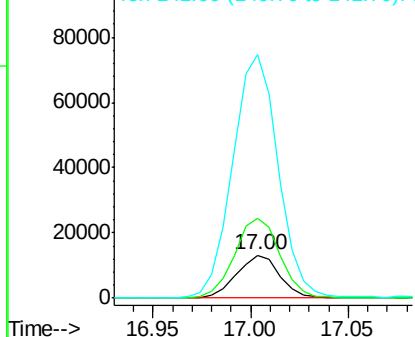


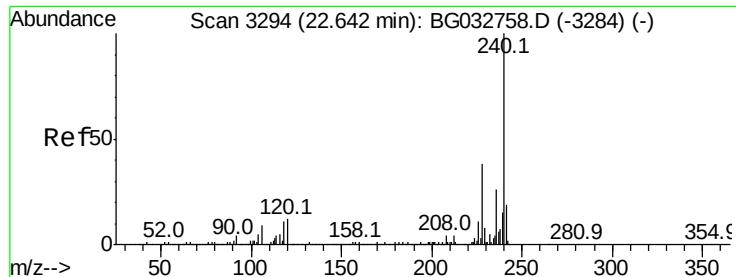
#66
 4-Bromophenyl-phenylether
 Concen: 4.708 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.44 min
 Lab File: BG032910.D
 Acq: 1 Mar 2018 6:33

Tgt Ion:248 Resp: 19825
 Ion Ratio Lower Upper
 248 100
 250 185.3 77.1 115.7#
 141 563.9 50.8 76.2#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.62 min Scan# 3291

Delta R.T. -0.01 min

Lab File: BG032910.D

Acq: 1 Mar 2018 6:33

Instrument :

BNA_F

ClientSampleId :

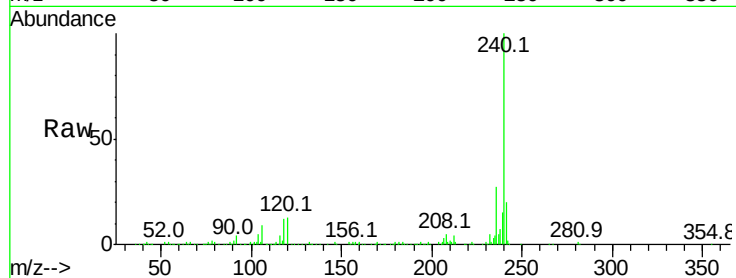
Tot Ion:240 Resp: 358025

Ion Ratio Lower Upper

240 100

120 12.5 6.8 10.2#

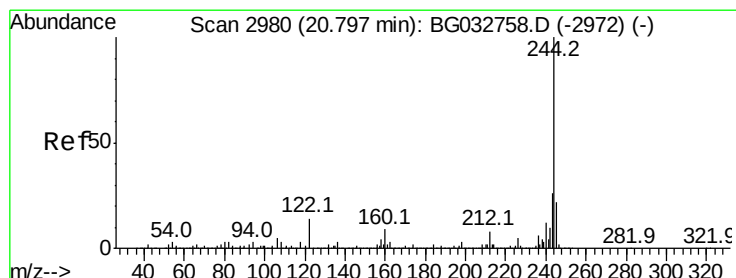
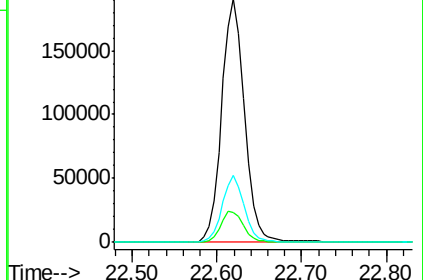
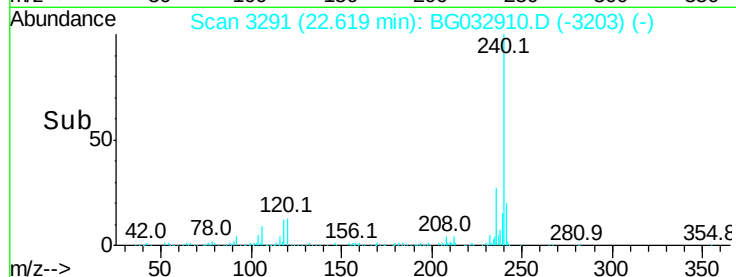
236 27.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 102.357 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG032910.D

Acq: 1 Mar 2018 6:33

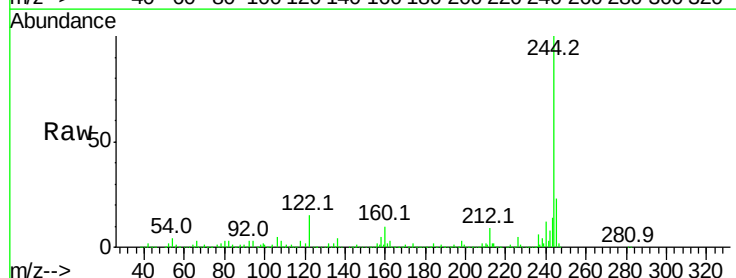
Tgt Ion:244 Resp: 1631091

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

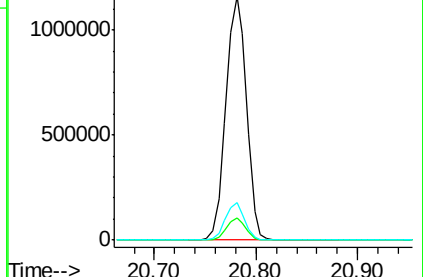
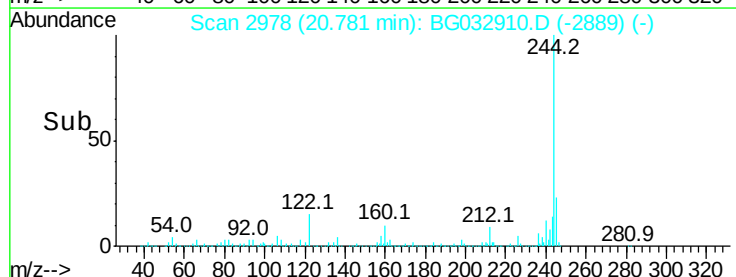
122 15.3 7.0 10.4#

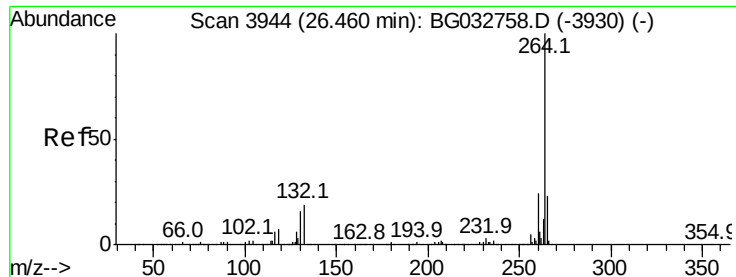


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.43 min Scan# 3940
Delta R.T. -0.01 min
Lab File: BG032910.D
Acq: 1 Mar 2018 6:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	21.6	17.7	26.5

