

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032845.D
 Acq On : 27 Feb 2018 6:19
 Operator : SJ/JU
 Sample : J1691-44
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 27 07:10:39 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

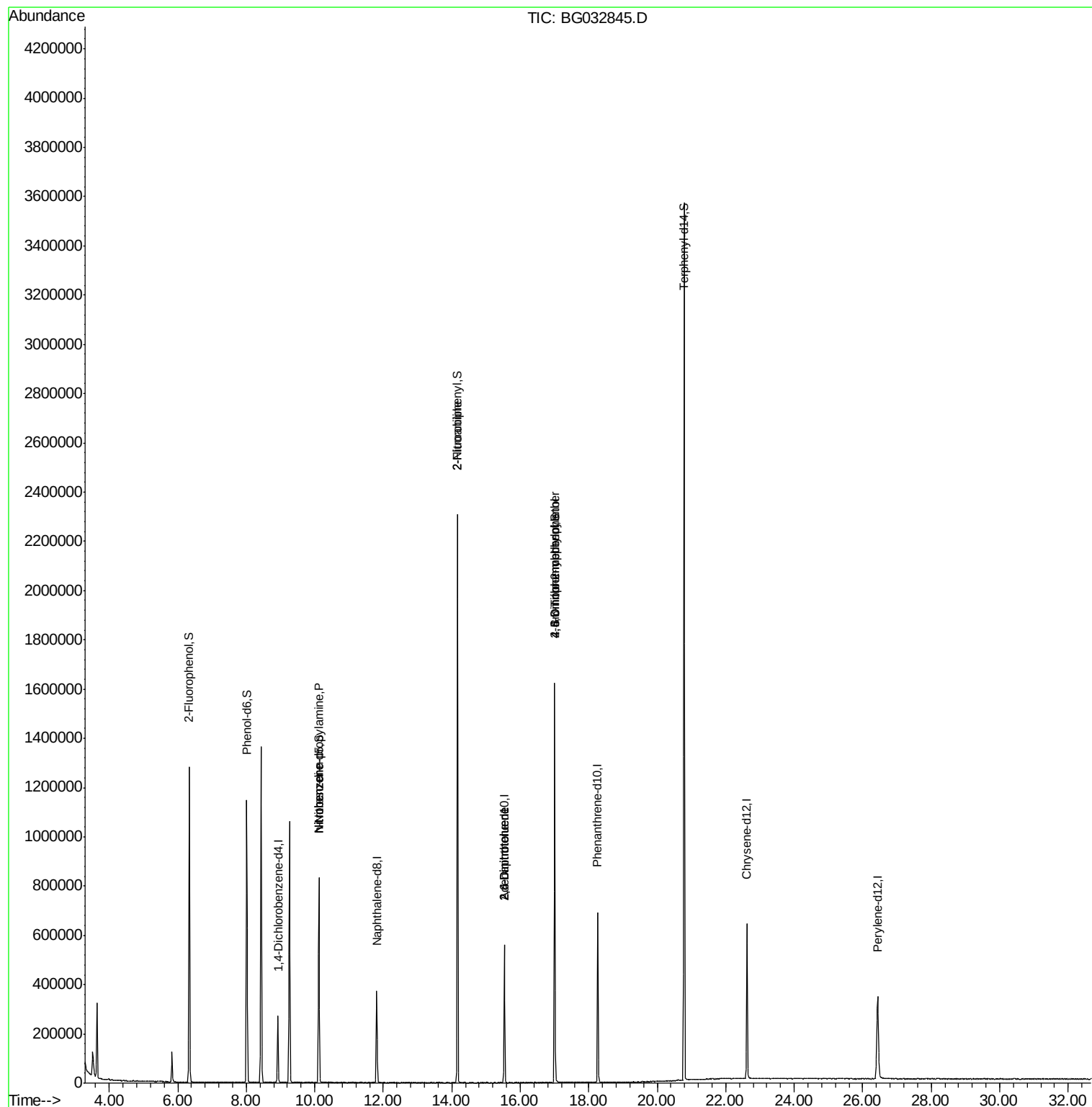
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	82211	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	345437	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	189781	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	437686	20.00	ng	0.00
75) Chrysene-d12	22.62	240	403311	20.00	ng	-0.01
86) Perylene-d12	26.43	264	409909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	617729	120.21	ng	0.00
7) Phenol-d6	8.02	99	724117	101.10	ng	0.00
23) Nitrobenzene-d5	10.12	82	519831	102.16	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	276192	138.41	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1173890	89.21	ng	0.00
78) Terphenyl-d14	20.78	244	1585753	88.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.12	70	66497	13.15	ng	# 81
24) Nitrobenzene	10.13	77	1623	6.64	ng	# 43
47) 2-Nitroaniline	14.17	65	2128	10.38	ng	# 4
50) 2,6-Dinitrotoluene	15.54	165	24810	16.48	ng	# 19
56) 2,4-Dinitrotoluene	15.54	165	24810	14.67	ng	# 17
64) 4,6-Dinitro-2-methylphenol	17.01	198	896	5.82	ng	# 1
66) 4-Bromophenyl-phenylether	17.01	248	19717	4.26	ng	# 1

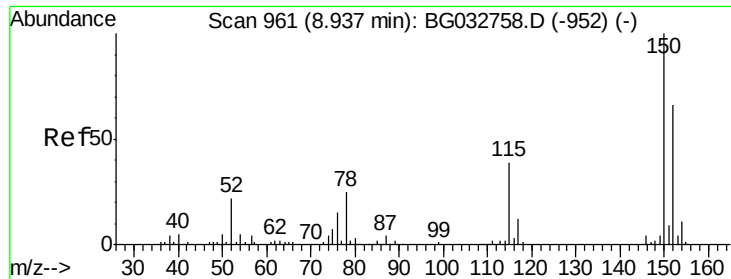
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 27 07:10:39 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



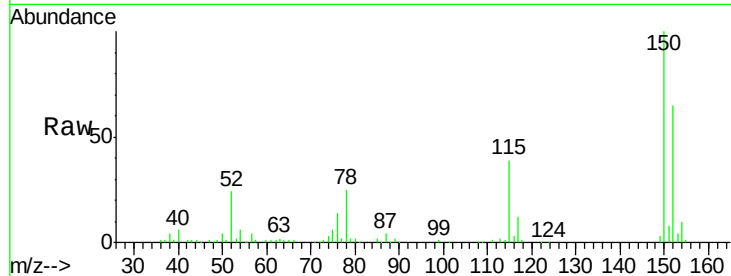


#1

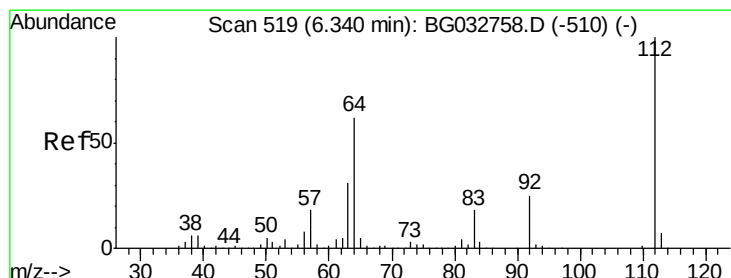
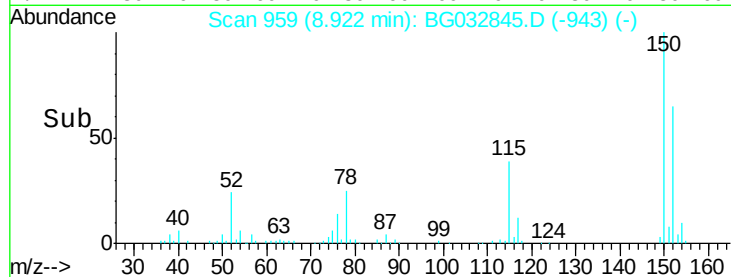
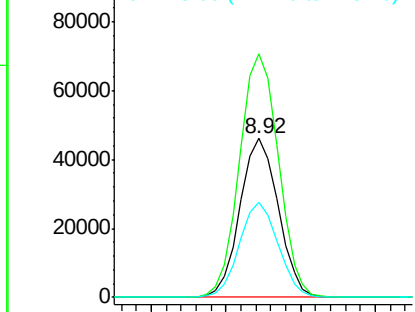
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032845.D
Acq: 27 Feb 2018 6:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 82211
Ion Ratio Lower Upper
152 100
150 153.3 126.6 189.8
115 60.1 53.0 79.4



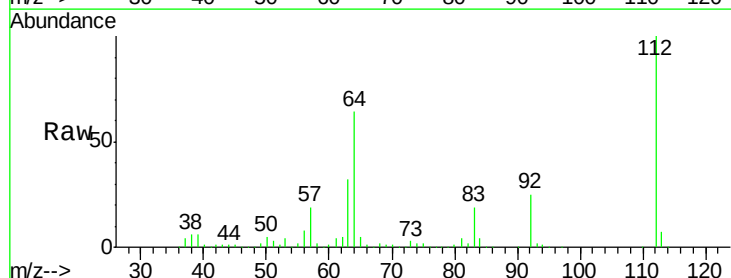
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



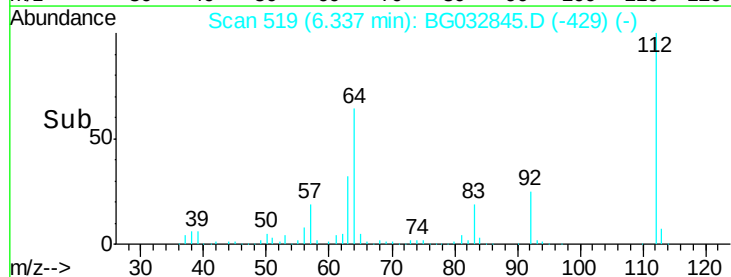
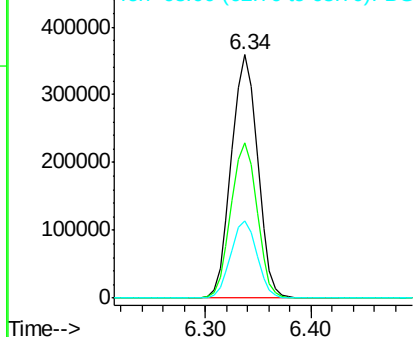
#5

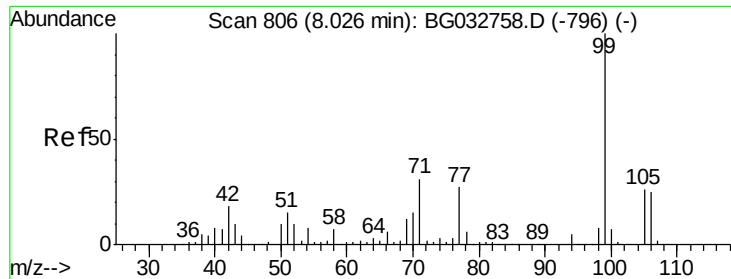
2-Fluorophenol
Concen: 120.21 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032845.D
Acq: 27 Feb 2018 6:19

Tgt Ion:112 Resp: 617729
Ion Ratio Lower Upper
112 100
64 63.6 56.3 84.5
63 31.8 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: 101.10 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032845.D

Acq: 27 Feb 2018 6:19

Instrument :

BNA_F

ClientSampleId :

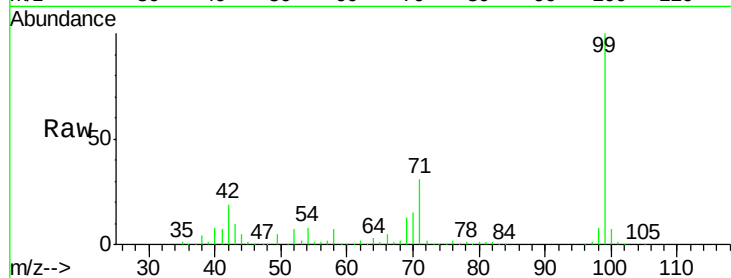
Tot Ion: 99 Resp: 724117

Ion Ratio Lower Upper

99 100

42 19.4 14.1 21.1

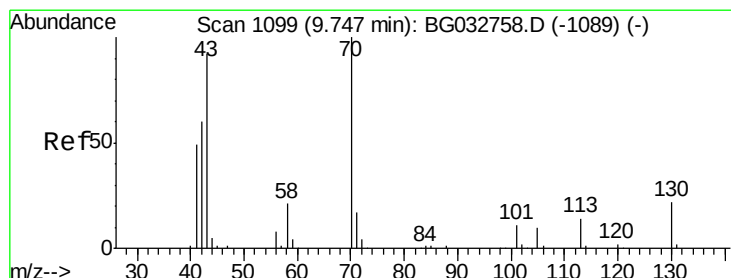
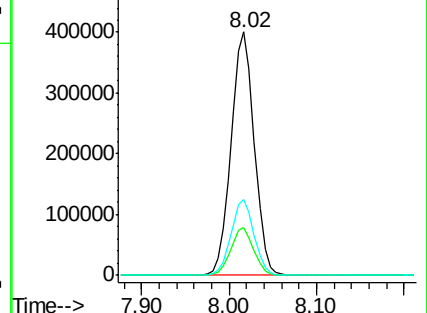
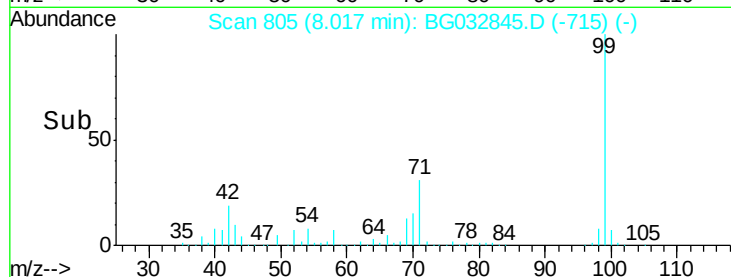
71 31.4 26.1 39.1



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: 13.15 ng

RT: 10.12 min Scan# 1163

Delta R.T. 0.38 min

Lab File: BG032845.D

Acq: 27 Feb 2018 6:19

Tgt Ion: 70 Resp: 66497

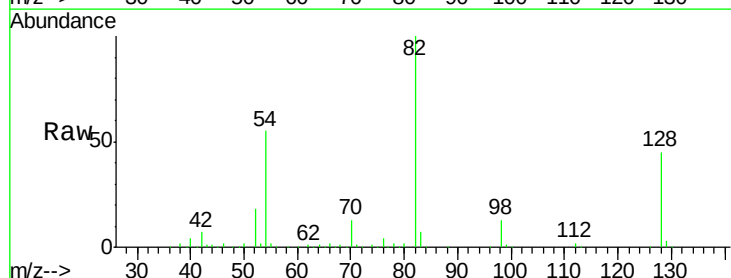
Ion Ratio Lower Upper

70 100

42 51.1 49.1 73.7

101 0.0 8.5 12.7#

130 1.9 13.4 20.0#

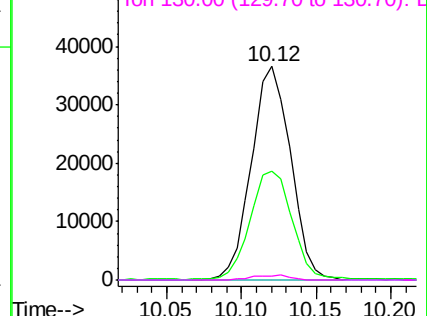
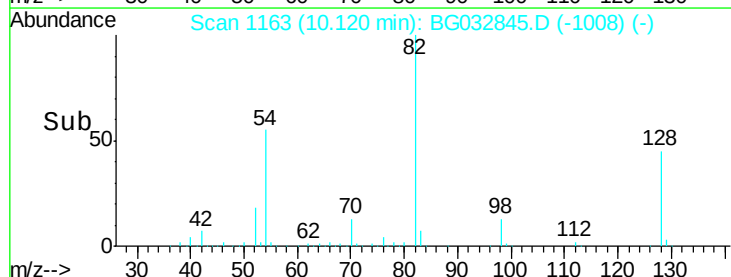


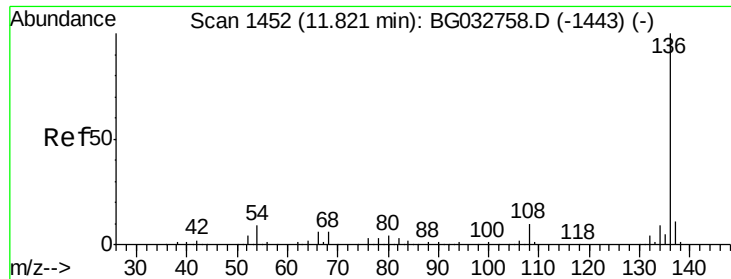
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

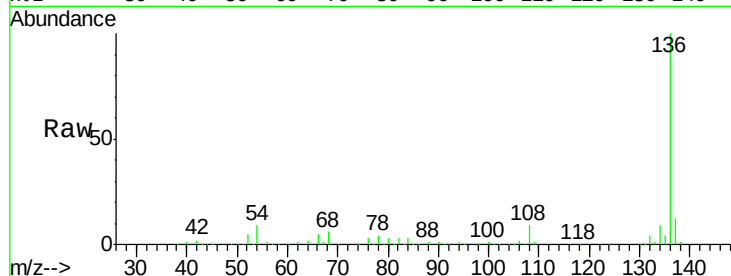




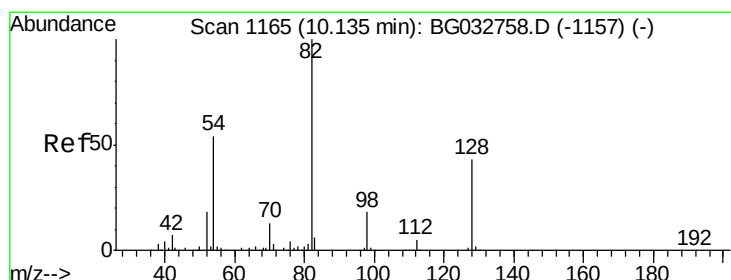
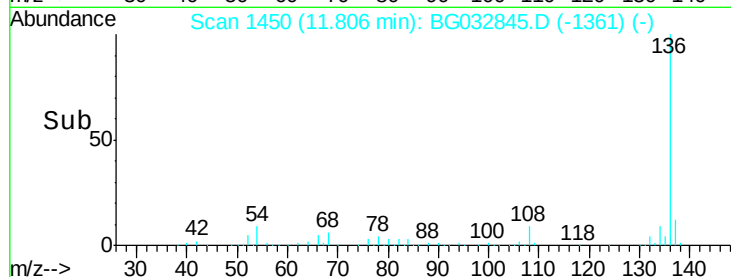
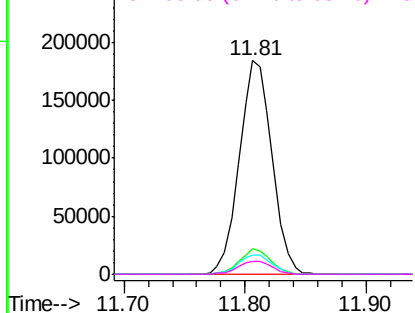
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BG032845.D
Acq: 27 Feb 2018 6:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	345437
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.2 13.8
54	9.3	10.3 15.5#
68	6.3	4.5 6.7

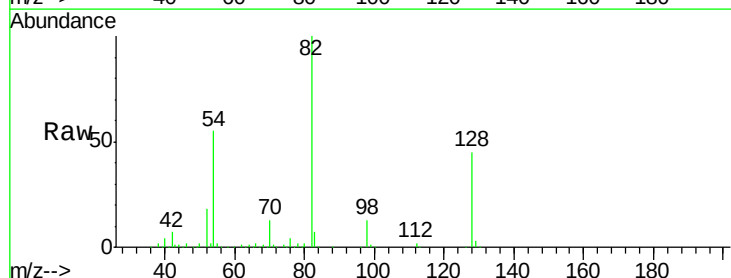


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

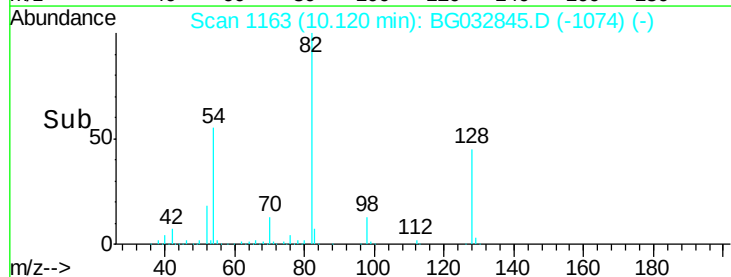
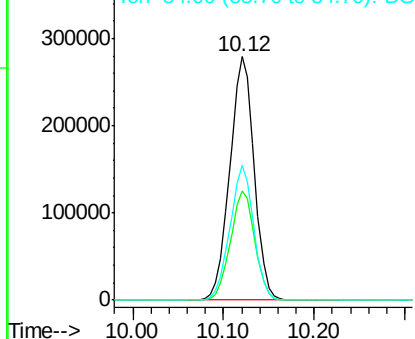


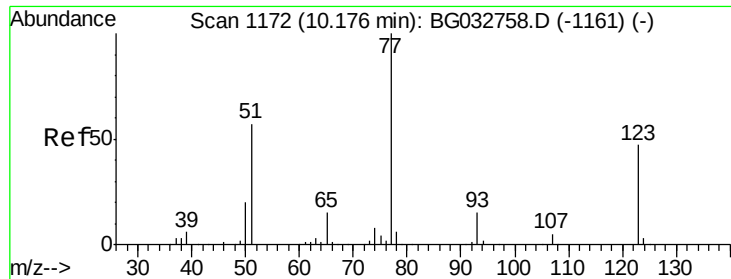
#23
Nitrobenzene-d5
Concen: 102.16 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032845.D
Acq: 27 Feb 2018 6:19

Tgt Ion: 82	Resp:	519831
Ion Ratio	Lower	Upper
82	100	
128	45.0	29.7 44.5#
54	55.4	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: 6.64 ng

RT: 10.13 min Scan# 1164

Delta R.T. -0.04 min

Lab File: BG032845.D

Acq: 27 Feb 2018 6:19

Instrument :

BNA_F

ClientSampled :

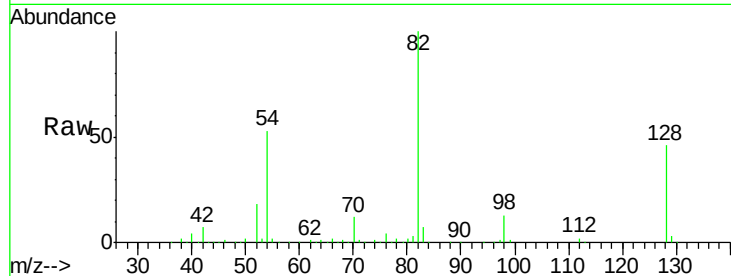
Tot Ion: 77 Resp: 1623

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

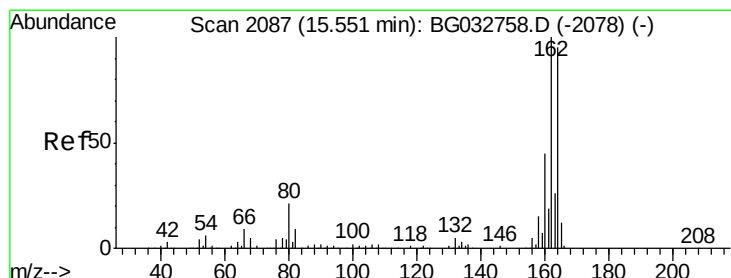
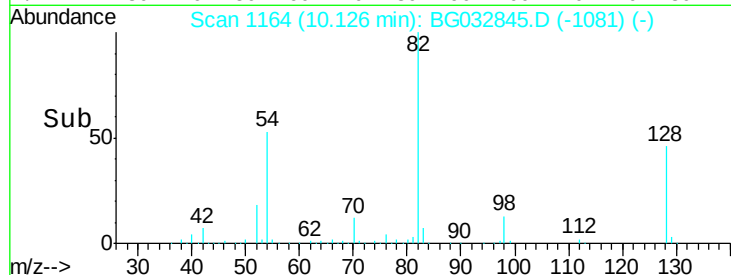
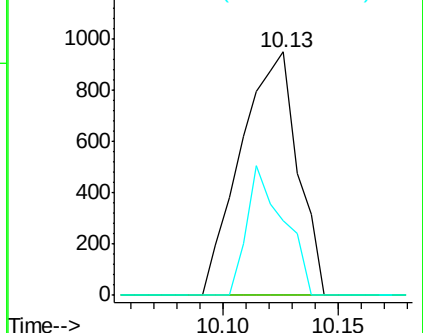
65 30.8 13.0 19.6#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG032845.D

Acq: 27 Feb 2018 6:19

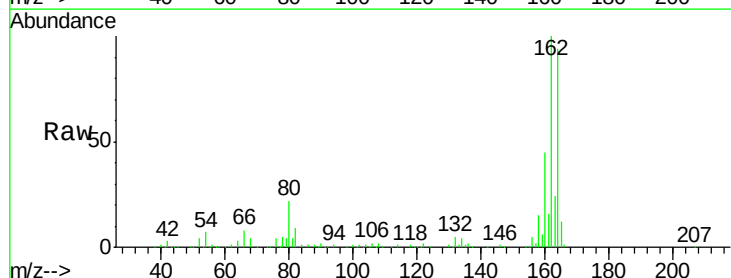
Tgt Ion:164 Resp: 189781

Ion Ratio Lower Upper

164 100

162 106.5 78.8 118.2

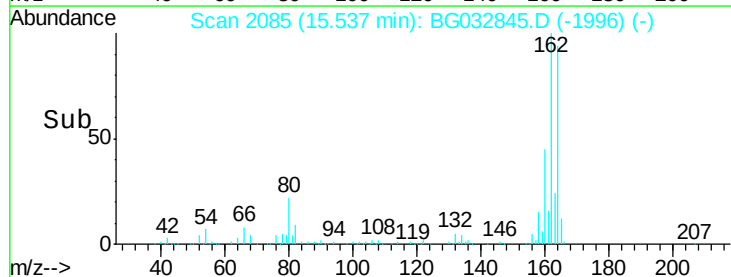
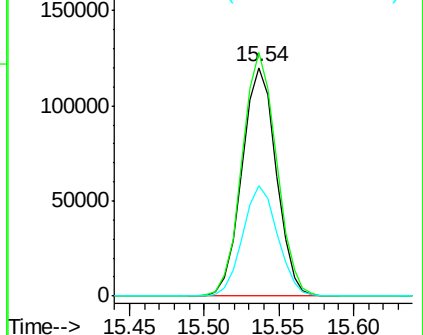
160 48.1 35.4 53.0

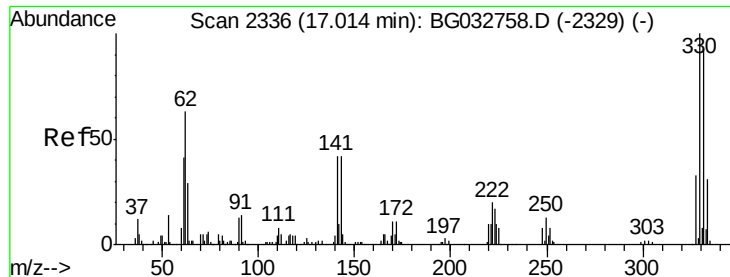


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

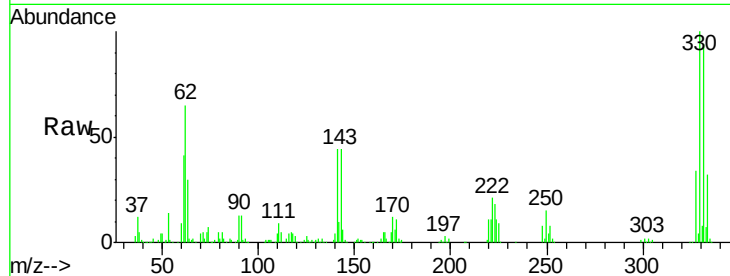




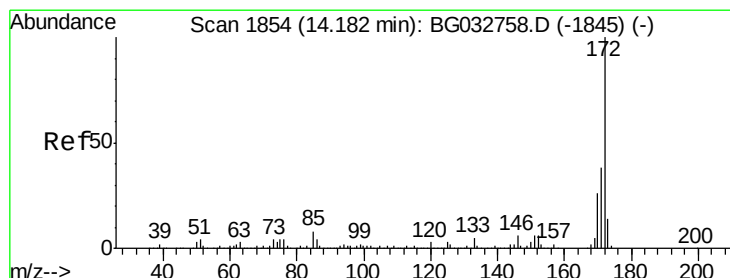
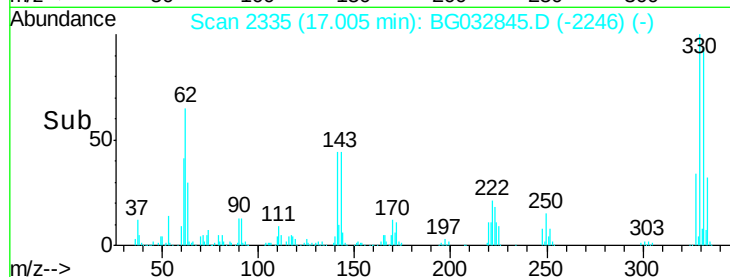
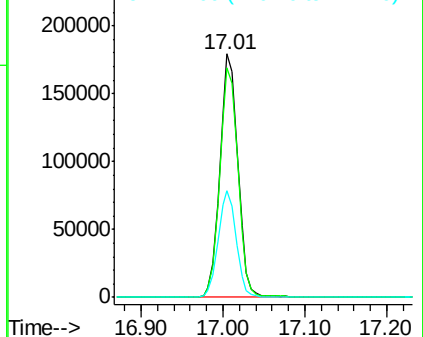
#41
 2,4,6-Tribromophenol
 Concen: 138.41 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032845.D
 Acq: 27 Feb 2018 6:19

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:330 Resp: 276192
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 43.8 25.2 37.8#

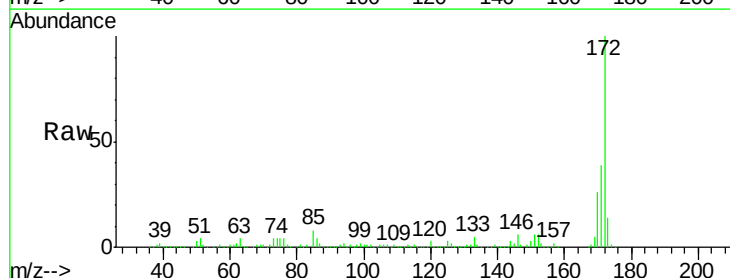


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

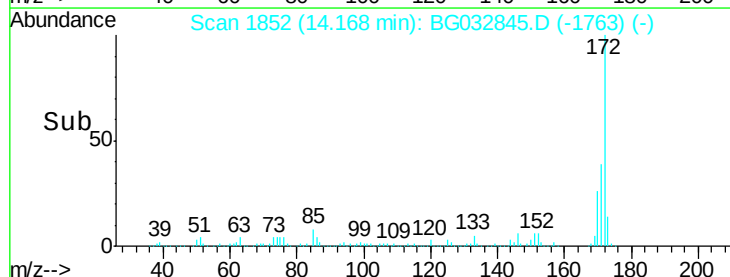
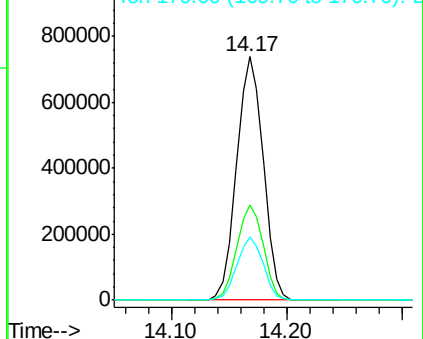


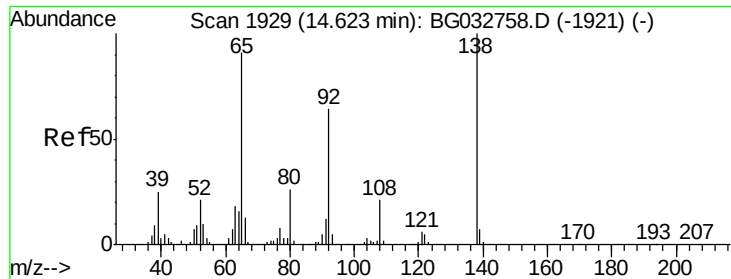
#44
 2-Fluorobiphenyl
 Concen: 89.21 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BG032845.D
 Acq: 27 Feb 2018 6:19

Tgt Ion:172 Resp: 1173890
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.0 45.0
 170 26.0 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

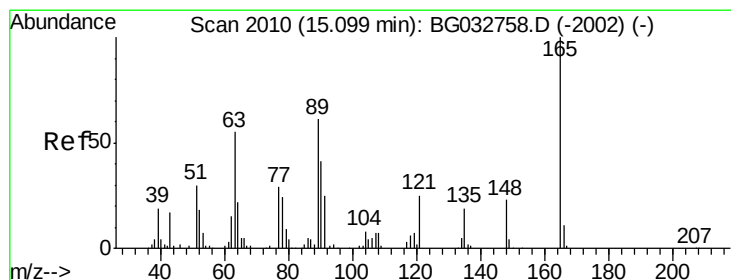
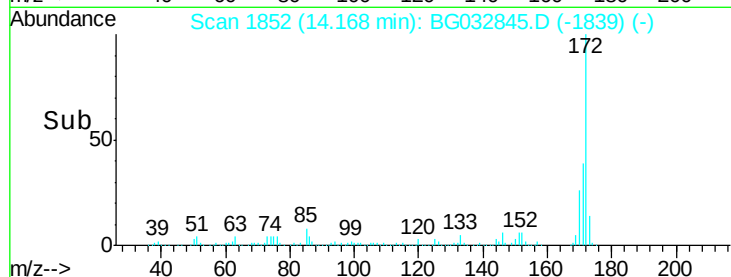
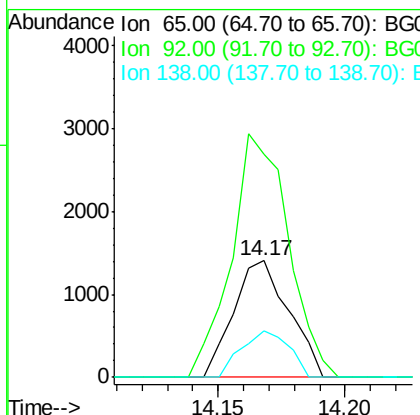
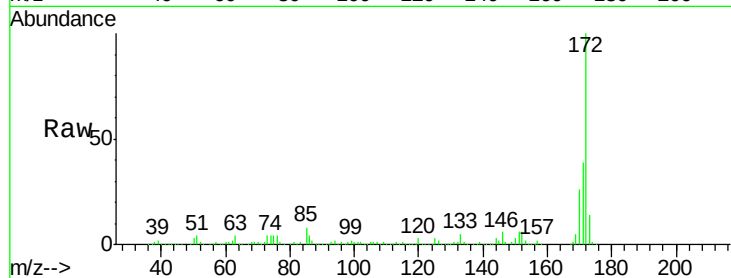




#47
2-Nitroaniline
Concen: 10.38 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.45 min
Lab File: BG032845.D
Acq: 27 Feb 2018 6:19

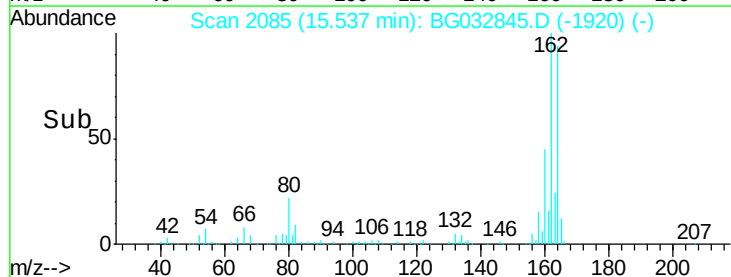
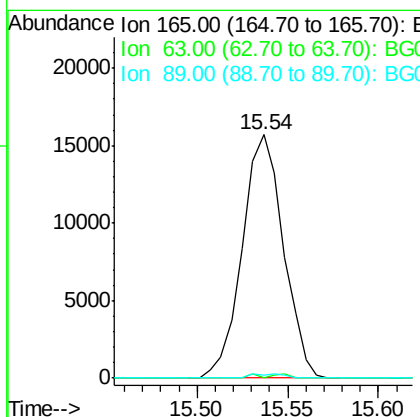
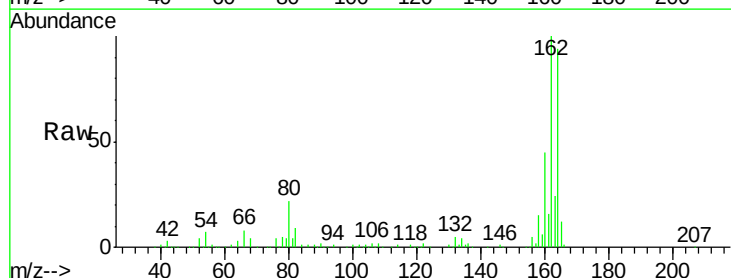
Instrument :
BNA_F
ClientSampleId :

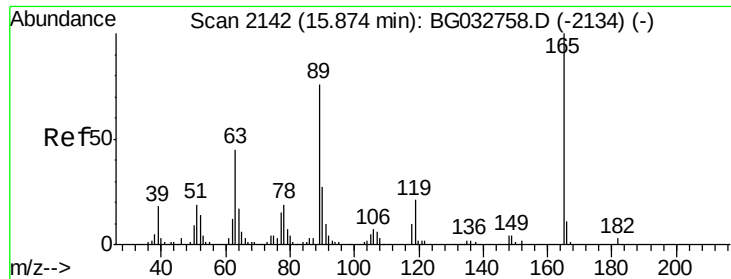
Tot Ion: 65 Resp: 2128
Ion Ratio Lower Upper
65 100
92 191.4 54.6 82.0#
138 39.5 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.48 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.44 min
Lab File: BG032845.D
Acq: 27 Feb 2018 6:19

Tgt Ion:165 Resp: 24810
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 1.5 49.2 73.8#

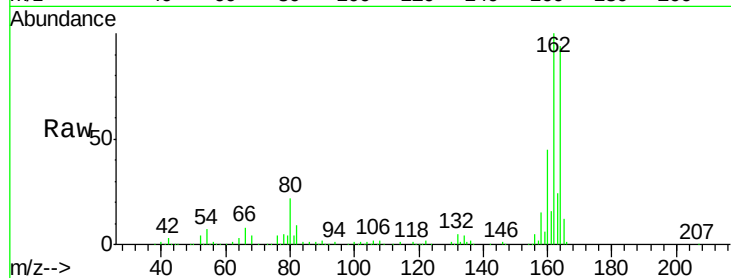




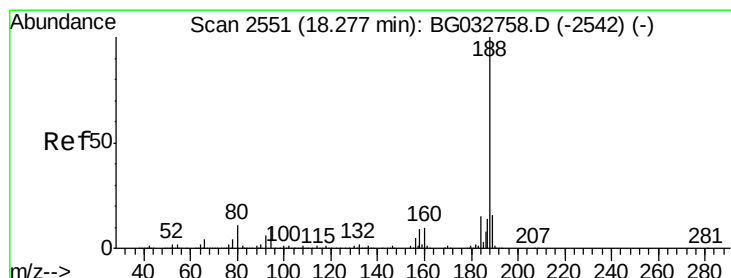
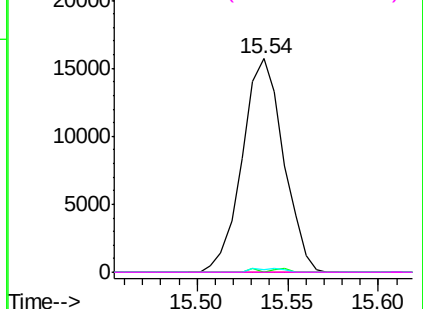
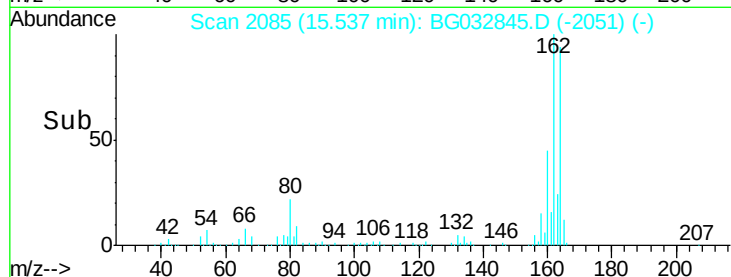
#56
2,4-Dinitrotoluene
Concen: 14.67 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.33 min
Lab File: BG032845.D
Acq: 27 Feb 2018 6:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 24810
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 1.5 66.9 100.3#
182 0.0 2.6 3.8#

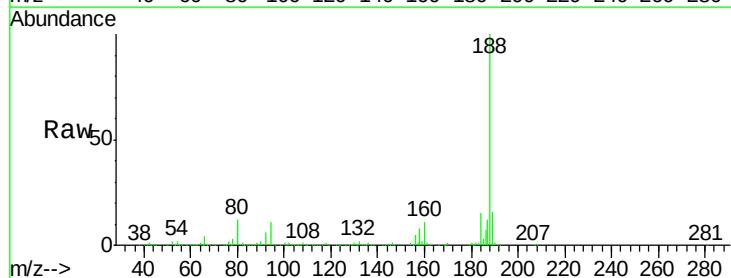


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

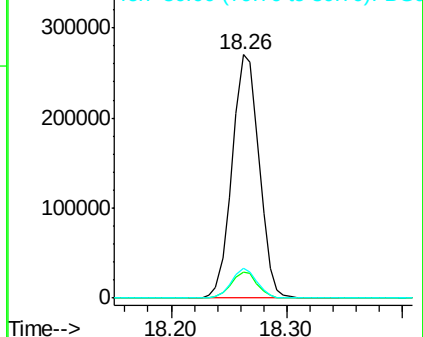
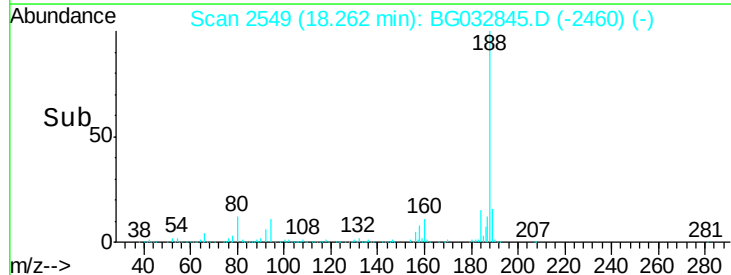


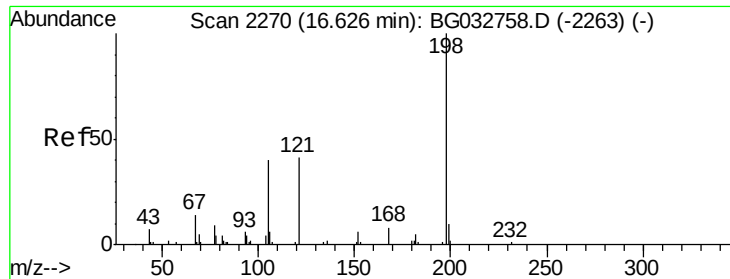
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BG032845.D
Acq: 27 Feb 2018 6:19

Tgt Ion:188 Resp: 437686
Ion Ratio Lower Upper
188 100
94 10.6 6.9 10.3#
80 12.3 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

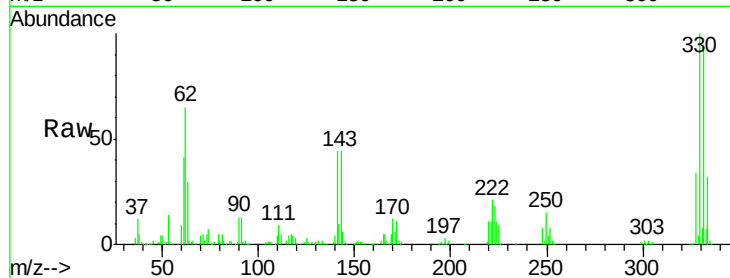




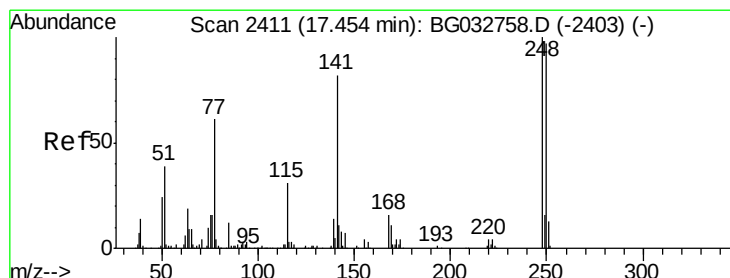
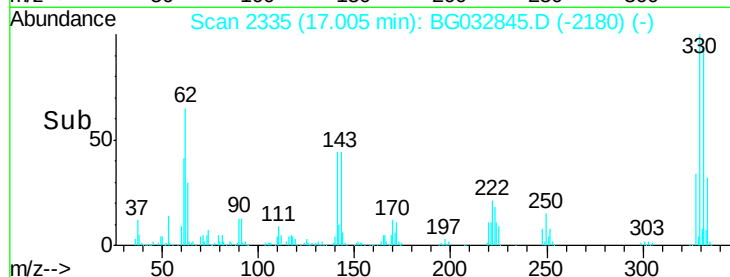
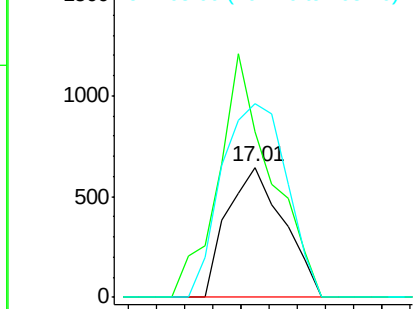
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.82 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. 0.38 min
 Lab File: BG032845.D
 Acq: 27 Feb 2018 6:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 896
 Ion Ratio Lower Upper
 198 100
 51 127.6 30.6 70.6#
 105 148.8 23.8 63.8#

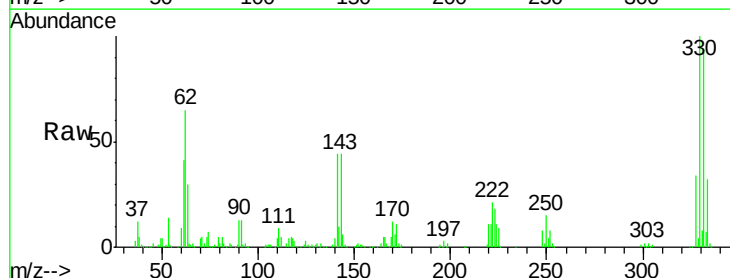


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG032758.D (-2263) (-)
 Ion 105.00 (104.70 to 105.70): E

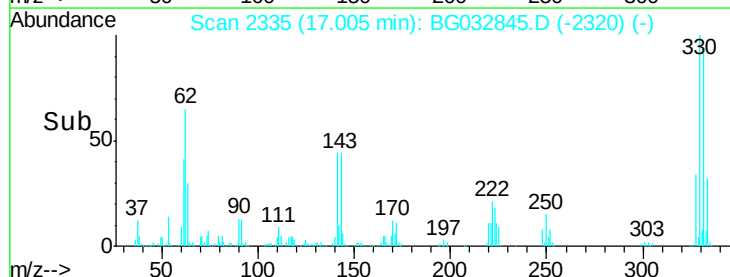
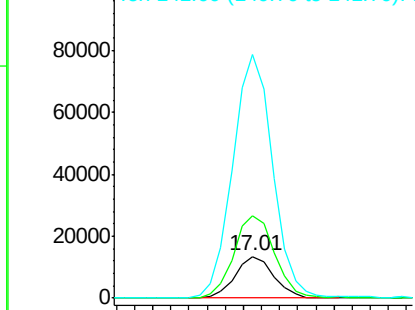


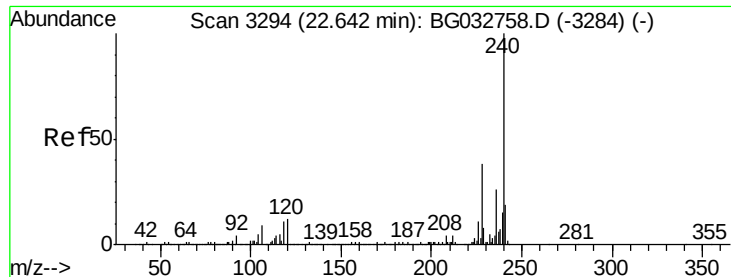
#66
 4-Bromophenyl-phenylether
 Concen: 4.26 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.44 min
 Lab File: BG032845.D
 Acq: 27 Feb 2018 6:19

Tgt Ion:248 Resp: 19717
 Ion Ratio Lower Upper
 248 100
 250 195.6 77.1 115.7#
 141 582.8 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: 20.00 ng

RT: 22.62 min Scan# 3291

Delta R.T. -0.01 min

Lab File: BG032845.D

Acq: 27 Feb 2018 6:19

Instrument :

BNA_F

ClientSampled :

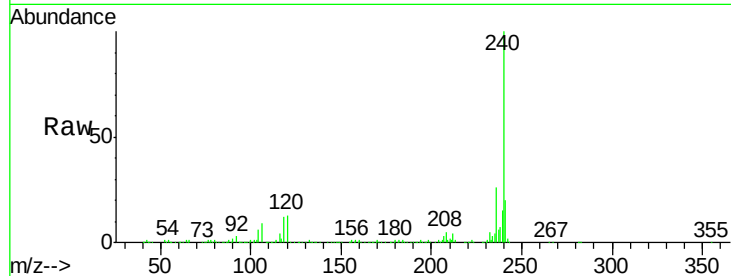
Tot Ion:240 Resp: 403311

Ion Ratio Lower Upper

240 100

120 12.5 6.8 10.2#

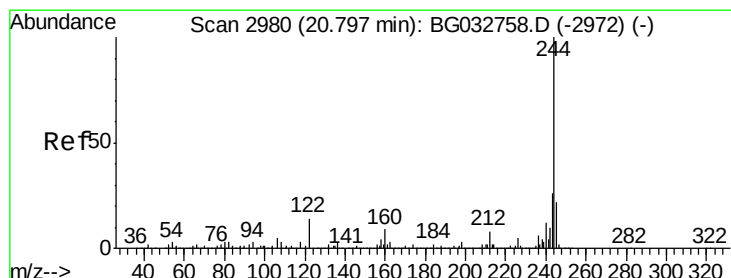
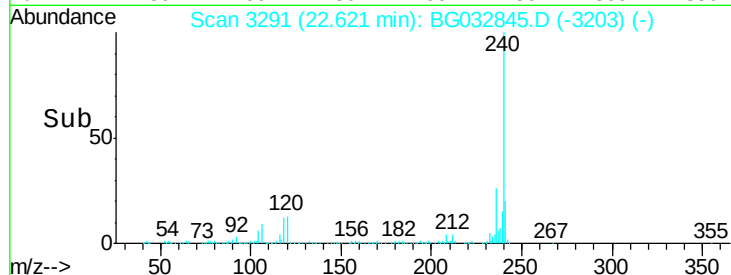
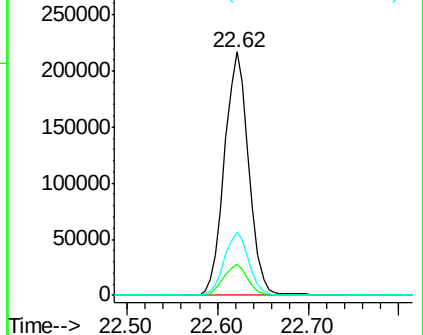
236 26.1 20.9 31.3



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: 88.34 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BG032845.D

Acq: 27 Feb 2018 6:19

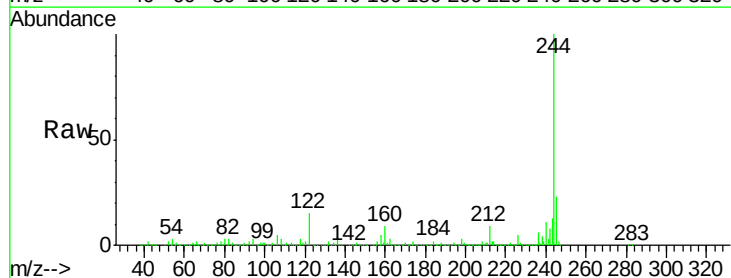
Tgt Ion:244 Resp: 1585753

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

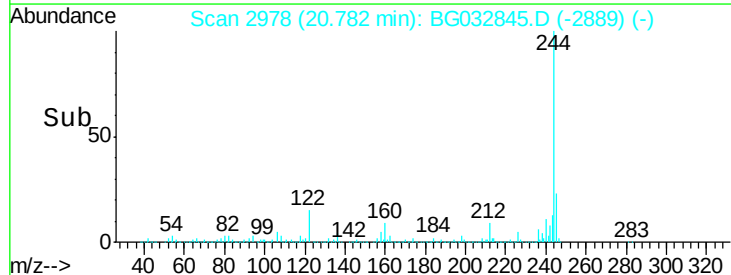
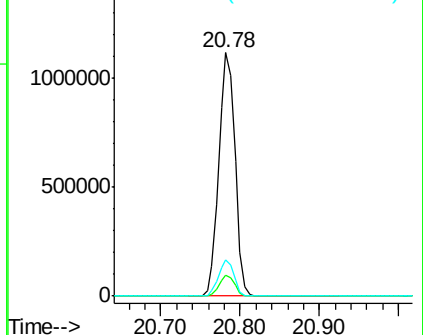
122 15.1 7.0 10.4#

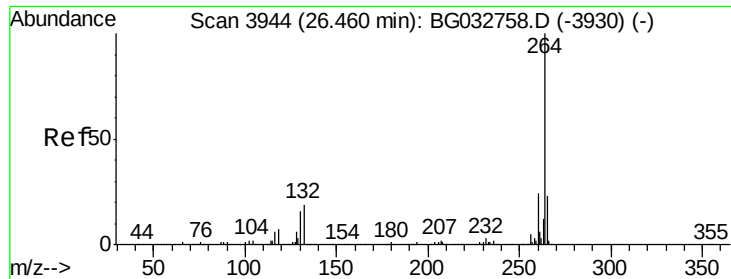


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 26.43 min Scan# 3940
Delta R.T. -0.00 min
Lab File: BG032845.D
Acq: 27 Feb 2018 6:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.5	17.7	26.5

