

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033909.D
 Acq On : 21 Apr 2018 6:58
 Operator : SJ/JU
 Sample : J2473-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDW-F-D-M

Quant Time: Apr 23 03:12:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

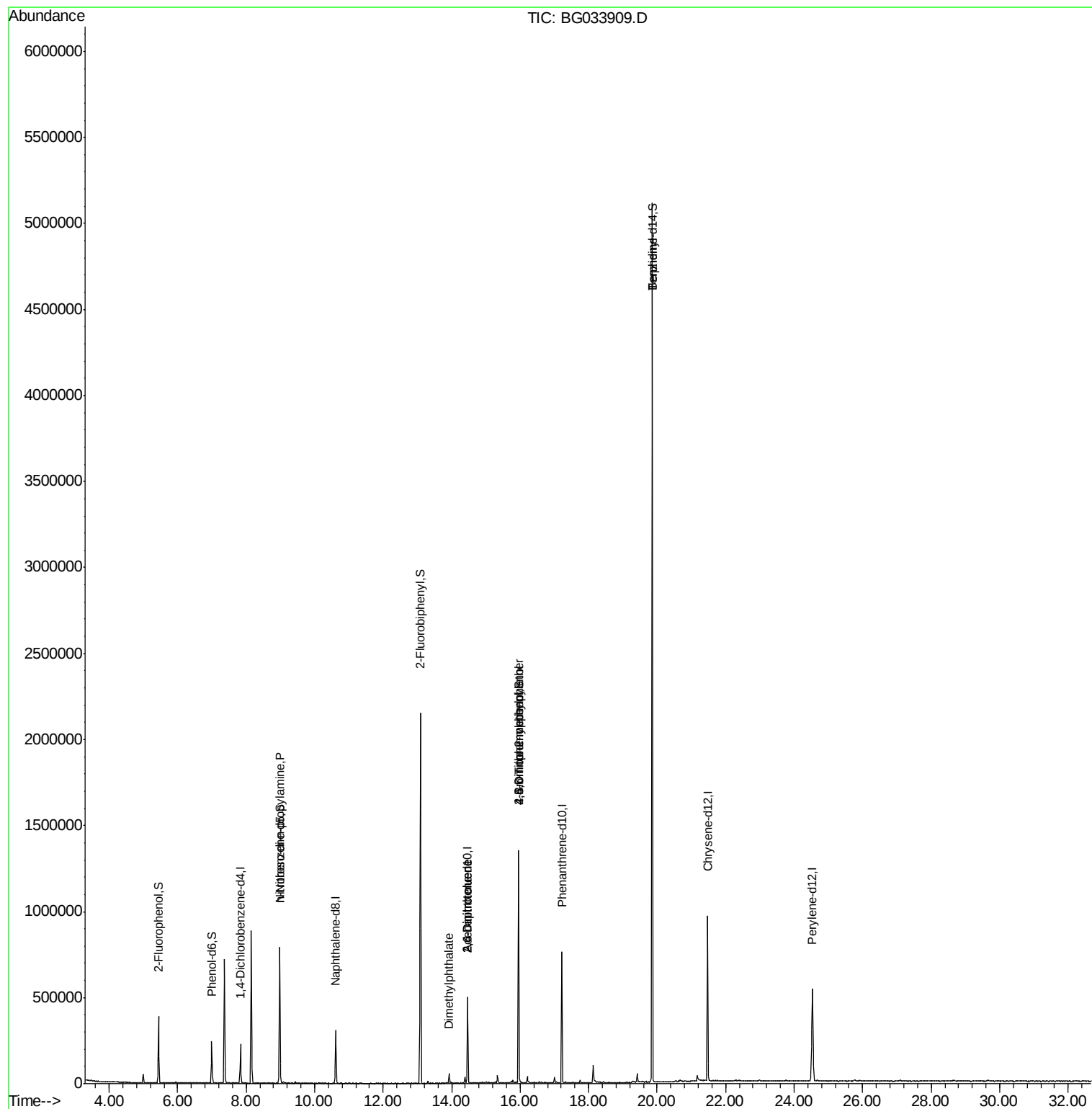
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	61420	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	265445	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	173869	20.00	ng	-0.02
63) Phenanthrene-d10	17.22	188	476128	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	543983	20.00	ng	-0.02
86) Perylene-d12	24.54	264	551621	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	164322	42.71	ng	0.00
7) Phenol-d6	6.99	99	135880	24.22	ng	-0.01
23) Nitrobenzene-d5	8.98	82	461206	98.88	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	230684	113.72	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1134971	95.89	ng	-0.02
78) Terphenyl-d14	19.85	244	2225548	91.91	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.98	77	157	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propylamine	8.98	70	64672	13.521 ng	#	76
49) Dimethylphthalate	13.92	163	37185	2.431 ng	#	95
50) 2,6-Dinitrotoluene	14.46	165	22697	7.831 ng	#	21
56) 2,4-Dinitrotoluene	14.46	165	22697	5.889 ng	#	19
64) 4,6-Dinitro-2-methylphenol	15.95	198	2171	7.308 ng	#	73
66) 4-Bromophenyl-phenylether	15.96	248	16927	3.237 ng	#	1
76) Benzydine	19.85	184	37166	2.530 ng	#	92

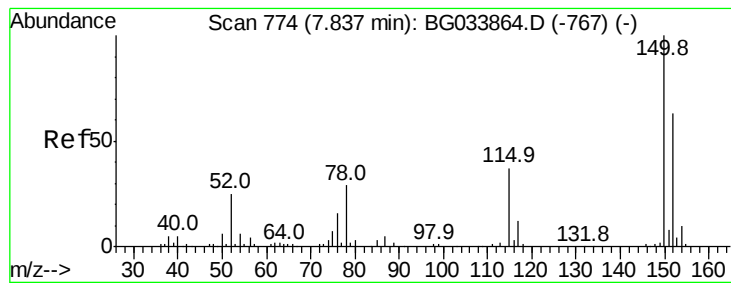
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 19 13:56:22 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.83 min Scan# 773

Delta R.T. -0.00 min

Lab File: BG033909.D

Acq: 21 Apr 2018 6:58

Instrument :

BNA_G

ClientSampleId :

041818-SIDW-F-D-M

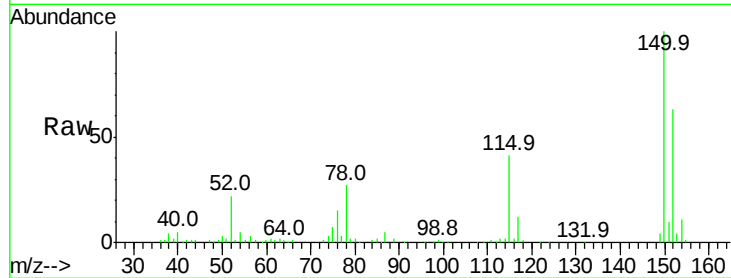
Tot Ion:152 Resp: 61420

Ion Ratio Lower Upper

152 100

150 158.7 126.6 189.8

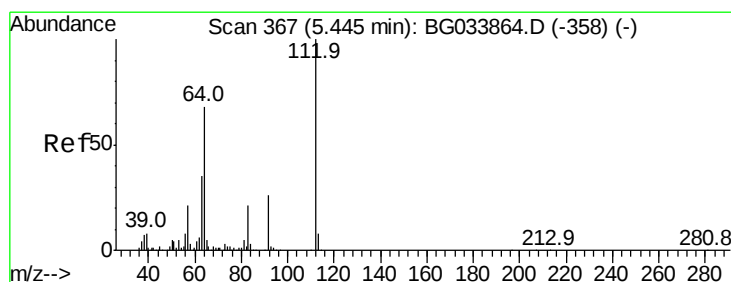
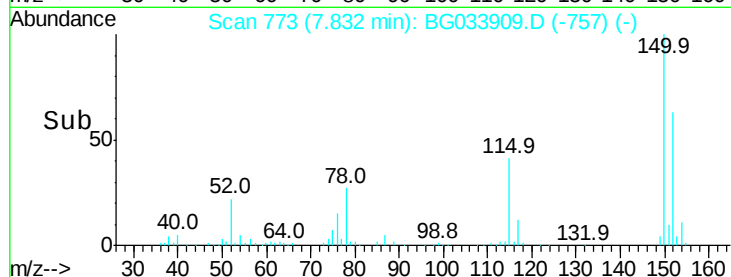
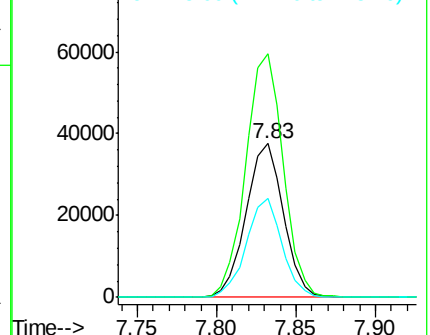
115 64.3 53.0 79.4



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: 42.713 ng

RT: 5.44 min Scan# 366

Delta R.T. -0.00 min

Lab File: BG033909.D

Acq: 21 Apr 2018 6:58

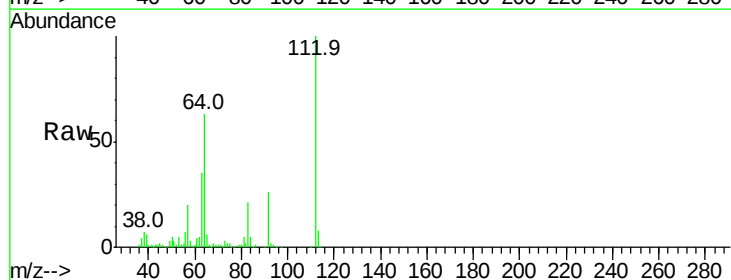
Tgt Ion:112 Resp: 164322

Ion Ratio Lower Upper

112 100

64 63.4 56.3 84.5

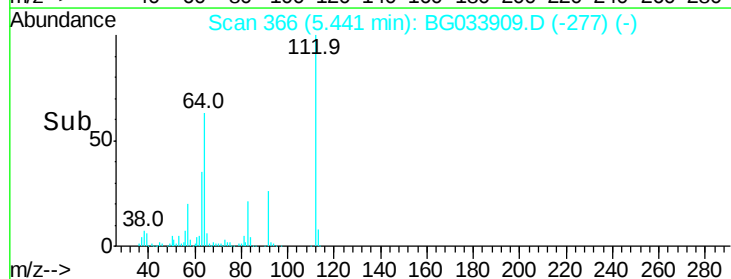
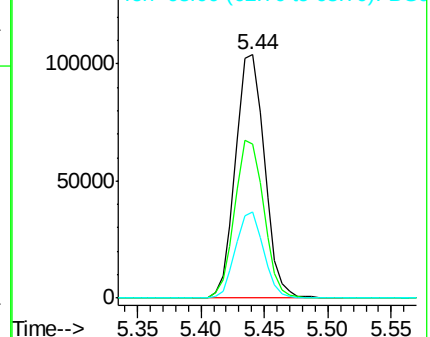
63 35.3 30.1 45.1

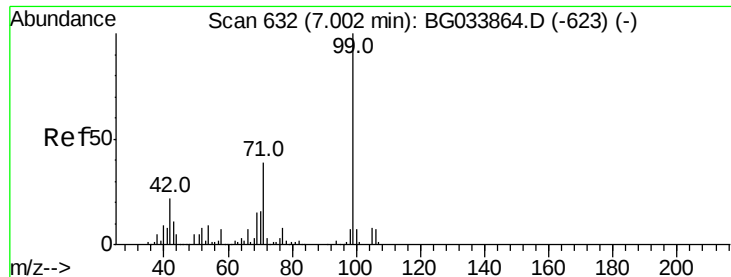


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 24.216 ng

RT: 6.99 min Scan# 630

Delta R.T. -0.01 min

Lab File: BG033909.D

Acq: 21 Apr 2018 6:58

Instrument :

BNA_G

ClientSampleId :

041818-SIDW-F-D-M

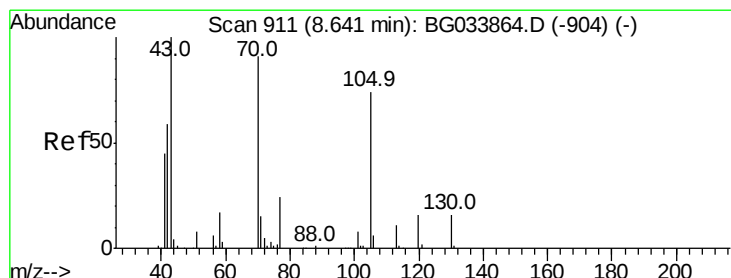
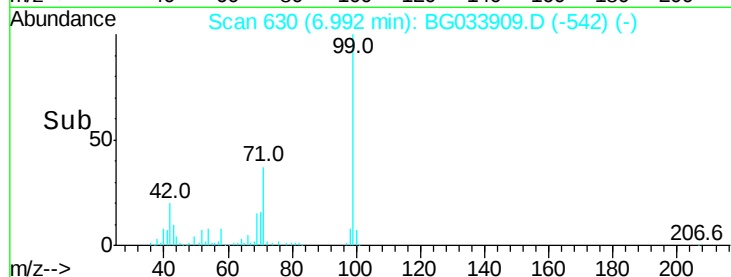
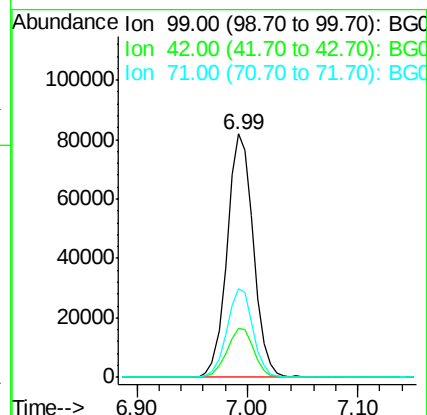
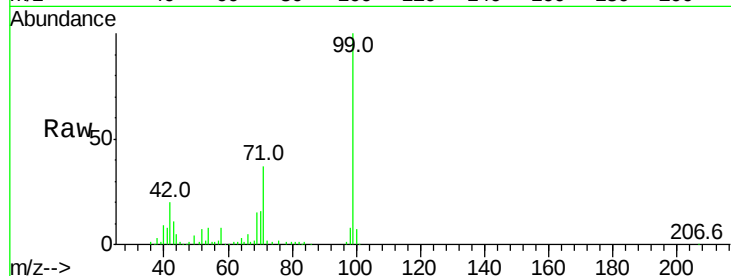
Tot Ion: 99 Resp: 135880

Ion Ratio Lower Upper

99 100

42 20.3 14.1 21.1

71 36.6 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.521 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.34 min

Lab File: BG033909.D

Acq: 21 Apr 2018 6:58

Tgt Ion: 70 Resp: 64672

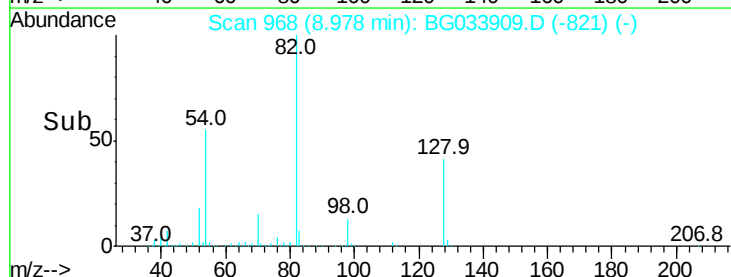
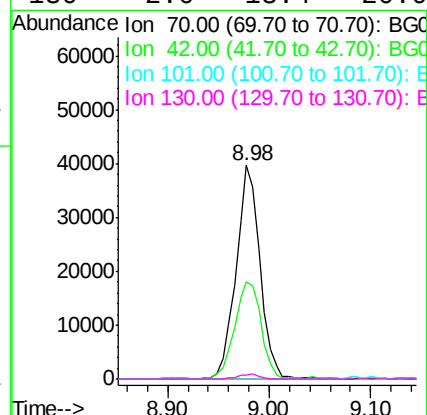
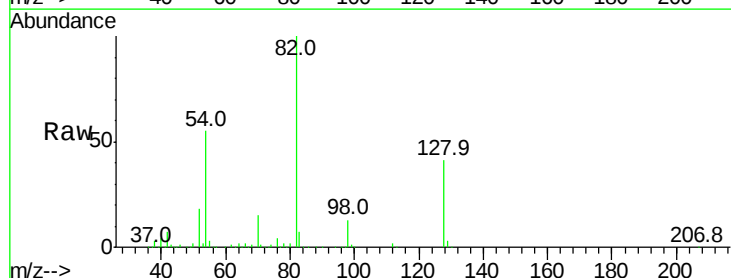
Ion Ratio Lower Upper

70 100

42 45.3 49.1 73.7#

101 0.0 8.5 12.7#

130 2.0 13.4 20.0#

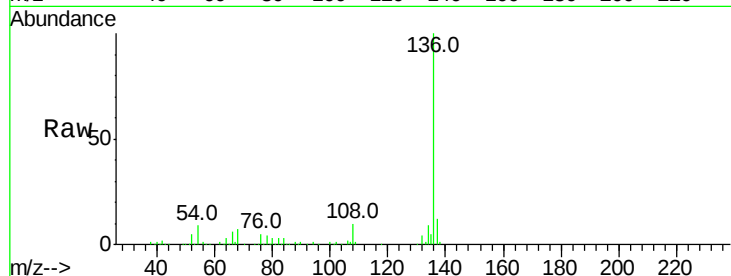




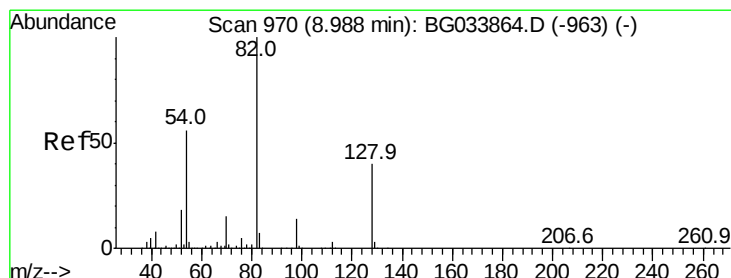
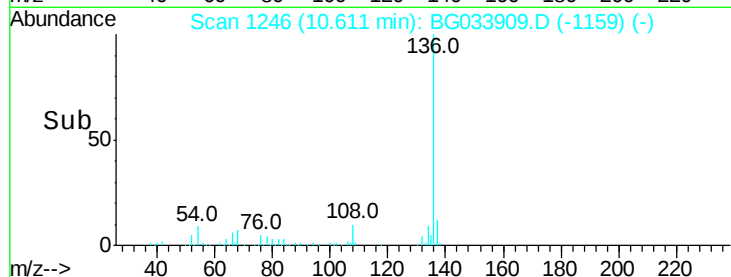
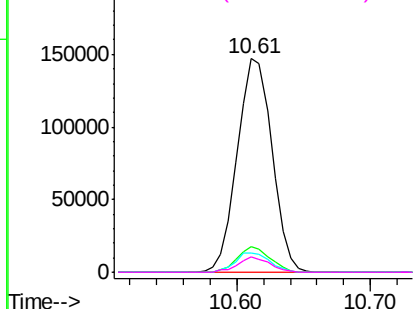
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033909.D
Acq: 21 Apr 2018 6:58

Instrument :
BNA_G
ClientSampleId :
041818-SIDW-F-D-M

Tot Ion:136	Resp: 265445
Ion Ratio	Lower Upper
136 100	
137 12.0	9.2 13.8
54 9.2	10.3 15.5#
68 6.9	4.5 6.7#

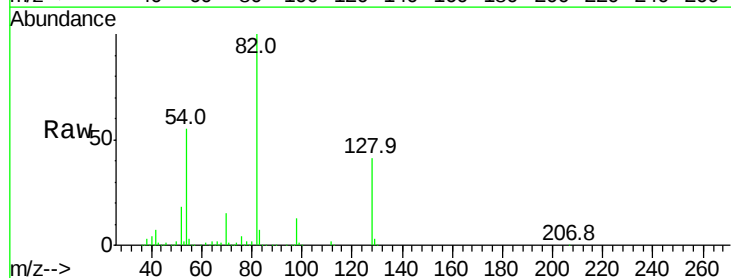


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

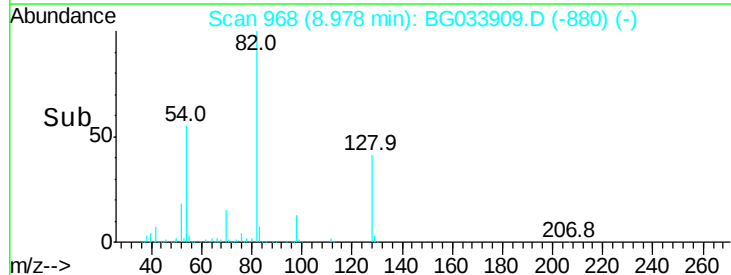
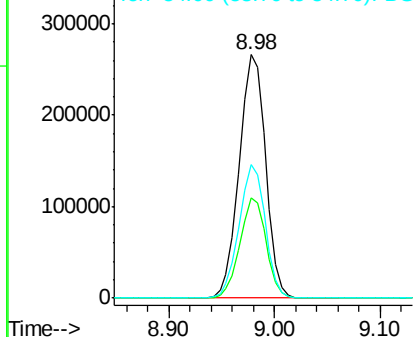


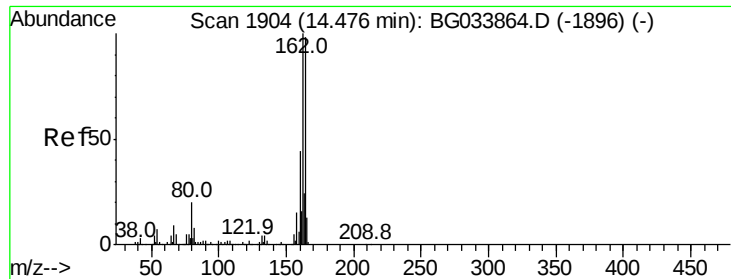
#23
Nitrobenzene-d5
Concen: 98.879 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033909.D
Acq: 21 Apr 2018 6:58

Tgt Ion: 82	Resp: 461206
Ion Ratio	Lower Upper
82 100	
128 41.1	29.7 44.5
54 54.8	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

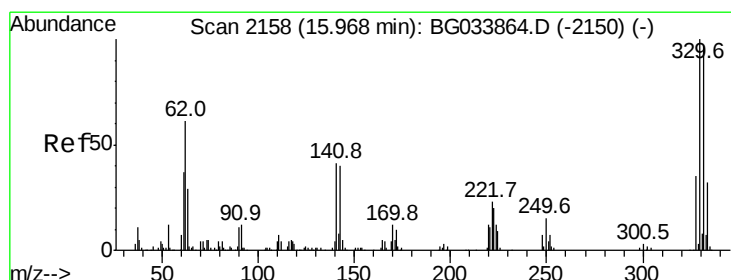
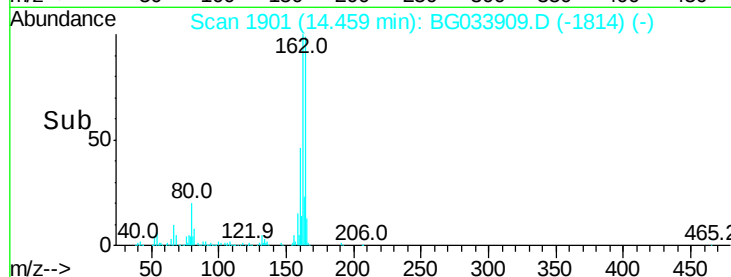
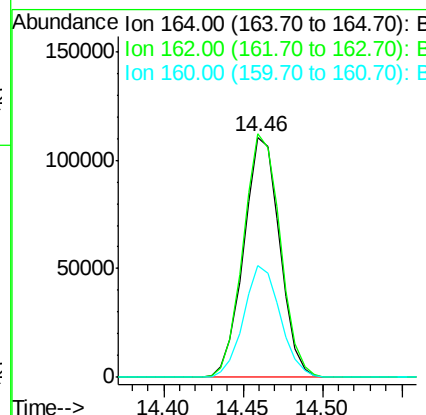
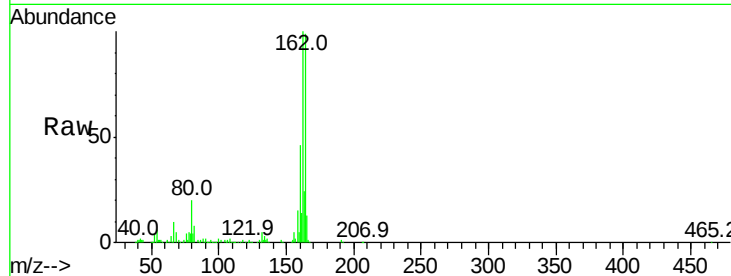




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033909.D
Acq: 21 Apr 2018 6:58

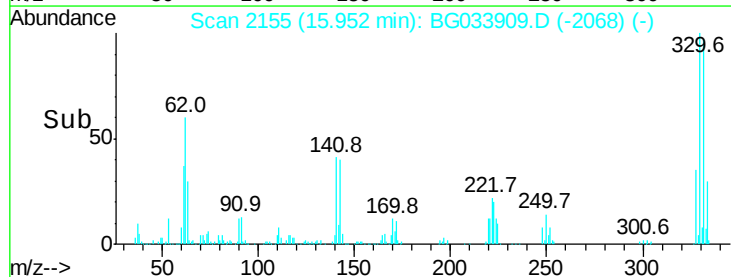
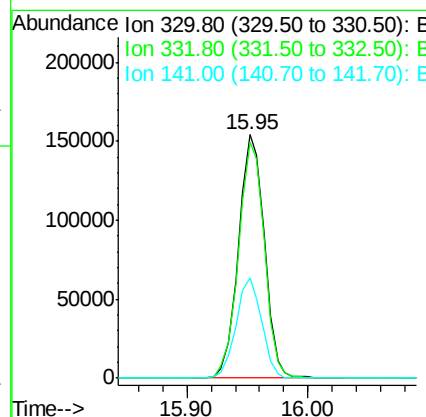
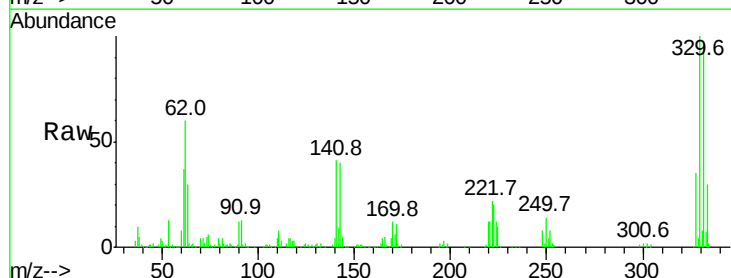
Instrument :
BNA_G
ClientSampleId :
041818-SIDW-F-D-M

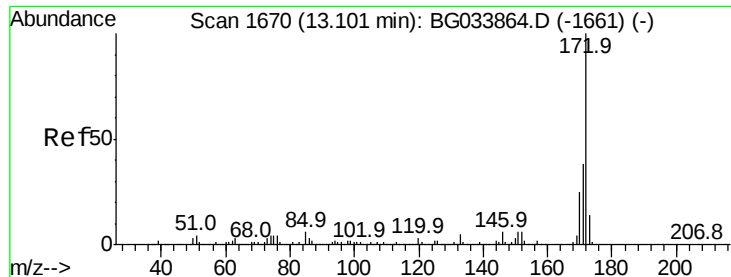
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	46.5	35.4	53.0



#41
2,4,6-Tribromophenol
Concen: 113.724 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BG033909.D
Acq: 21 Apr 2018 6:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	40.7	25.2	37.8

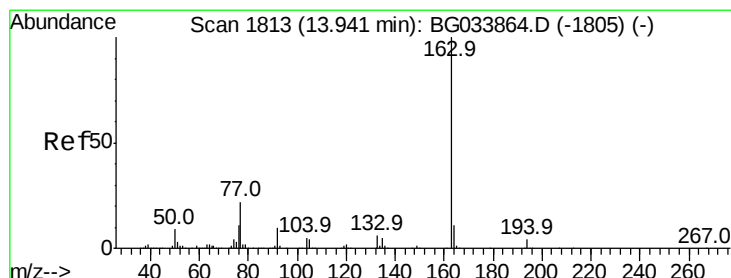
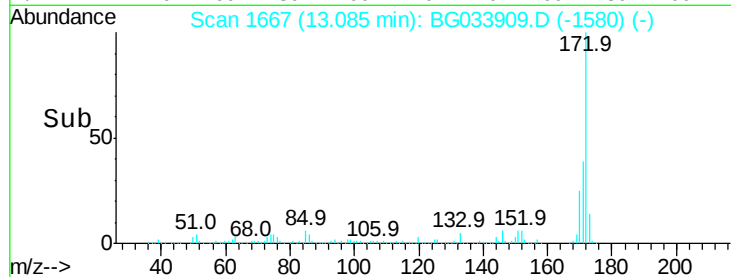
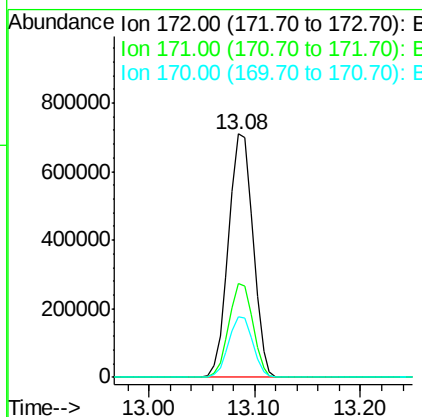
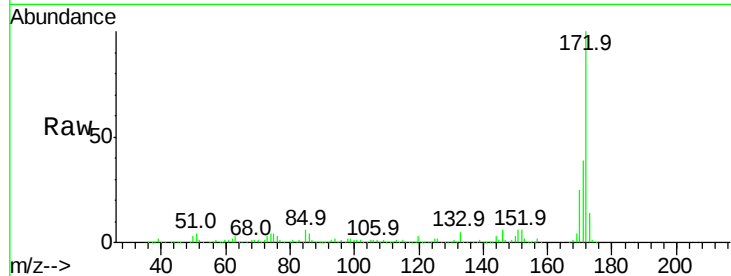




#44
2-Fluorobiphenyl
Concen: 95.894 ng
RT: 13.08 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BG033909.D
Acq: 21 Apr 2018 6:58

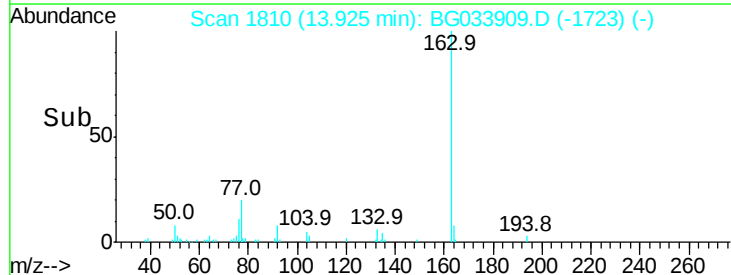
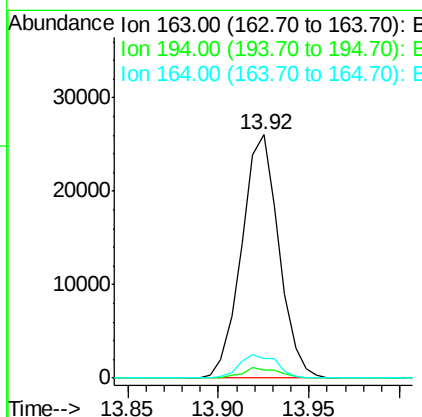
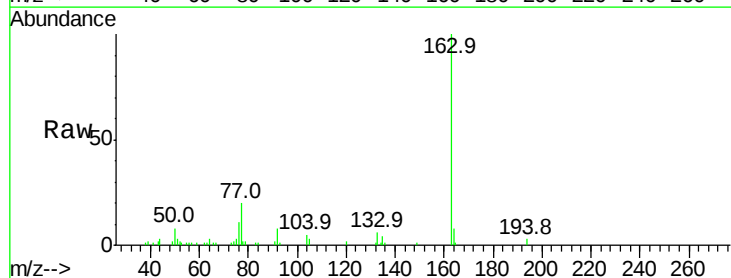
Instrument :
BNA_G
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041818-SIDW-F-D-M

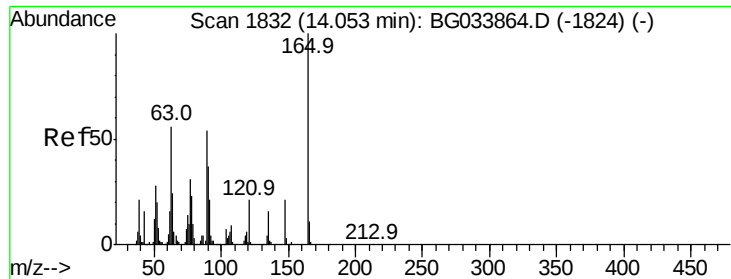
Tot Ion:172 Resp: 1134971
Ion Ratio Lower Upper
172 100
171 38.5 30.0 45.0
170 25.0 19.5 29.3



#49
Dimethylphthalate
Concen: 2.431 ng
RT: 13.92 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BG033909.D
Acq: 21 Apr 2018 6:58

Tgt Ion:163 Resp: 37185
Ion Ratio Lower Upper
163 100
194 3.4 3.4 5.2#
164 8.1 8.2 12.4#

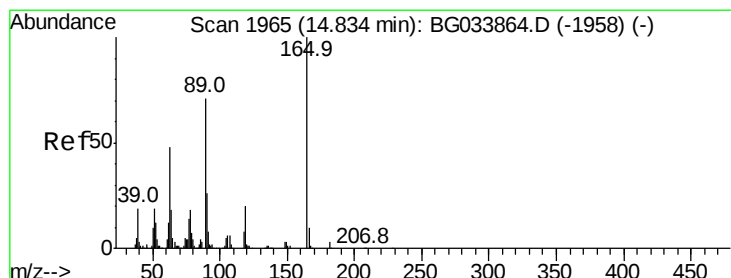
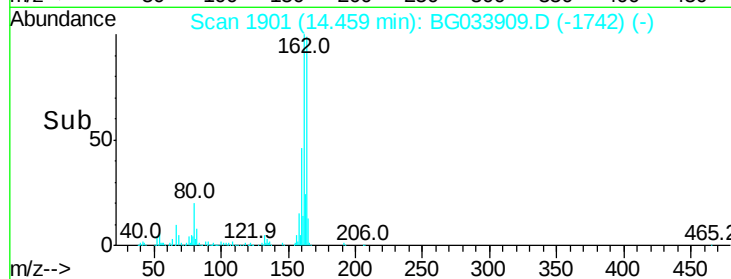
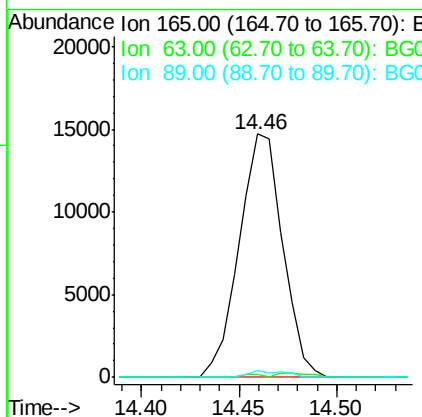
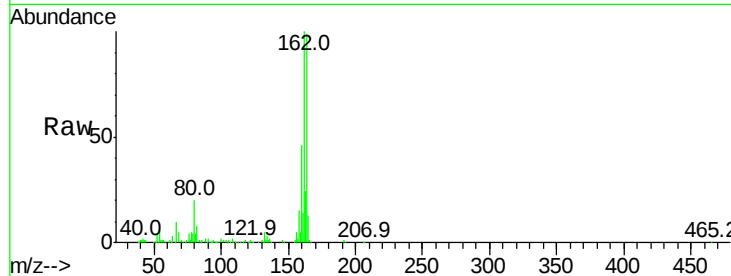




#50
2,6-Dinitrotoluene
Concen: 7.831 ng
RT: 14.46 min Scan# 1901
Delta R.T. 0.41 min
Lab File: BG033909.D
Acq: 21 Apr 2018 6:58

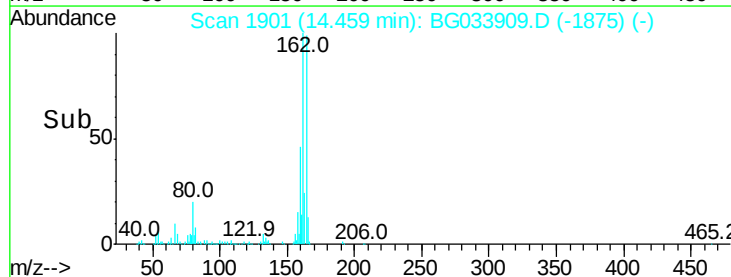
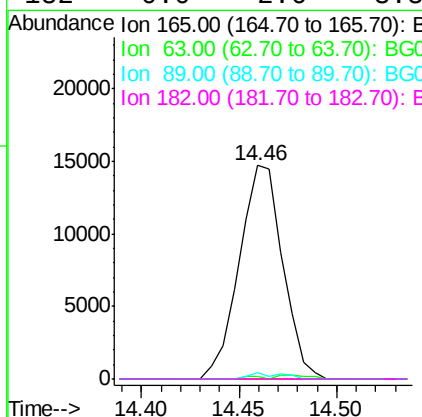
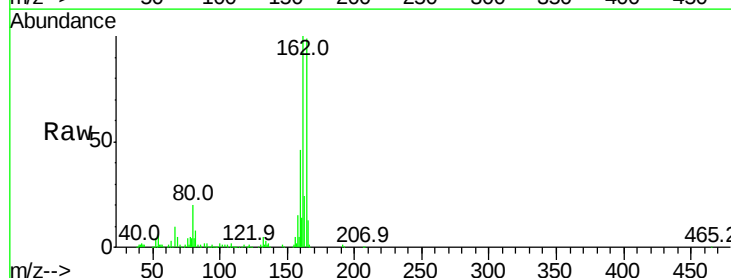
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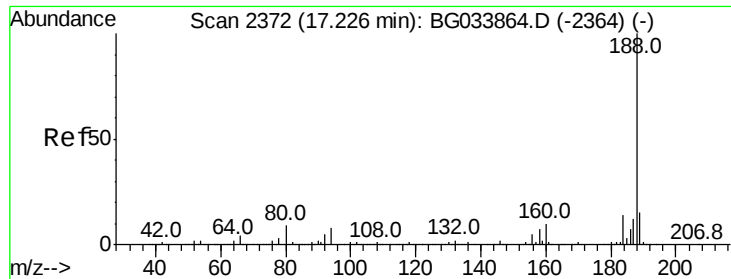
Tot Ion:165 Resp: 22697
Ion Ratio Lower Upper
165 100
63 1.2 52.7 79.1#
89 2.8 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 5.889 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.37 min
Lab File: BG033909.D
Acq: 21 Apr 2018 6:58

Tgt Ion:165 Resp: 22697
Ion Ratio Lower Upper
165 100
63 1.2 42.0 63.0#
89 2.8 66.9 100.3#
182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.22 min Scan# 2370

Delta R.T. -0.01 min

Lab File: BG033909.D

Acq: 21 Apr 2018 6:58

Instrument :

BNA_G

ClientSampleId :

041818-SIDW-F-D-M

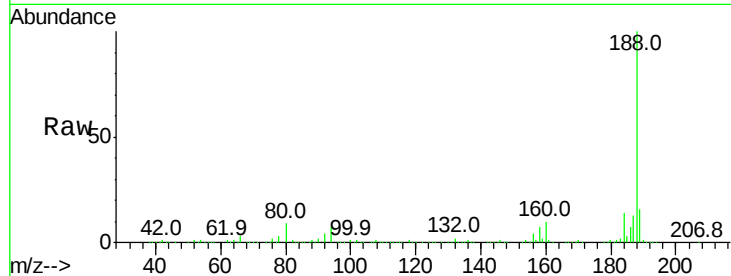
Tot Ion:188 Resp: 476128

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

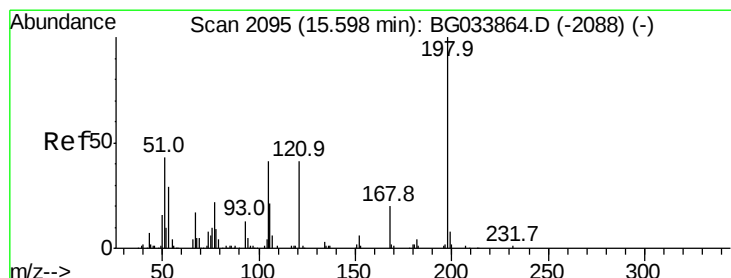
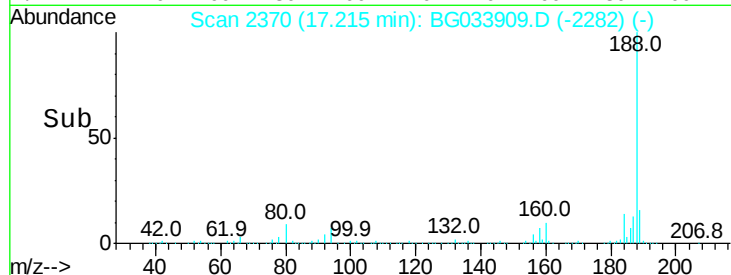
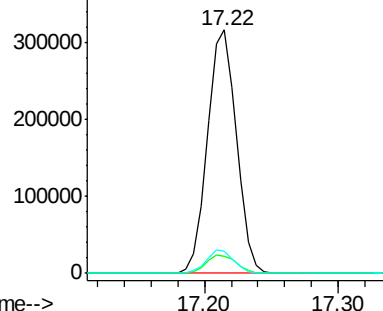
80 9.3 7.7 11.5



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: 7.308 ng

RT: 15.95 min Scan# 2155

Delta R.T. 0.35 min

Lab File: BG033909.D

Acq: 21 Apr 2018 6:58

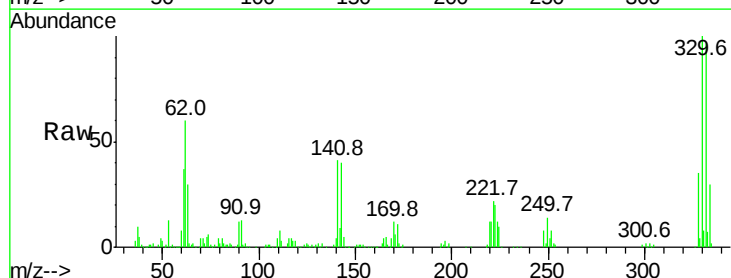
Tgt Ion:198 Resp: 2171

Ion Ratio Lower Upper

198 100

51 23.9 30.6 70.6#

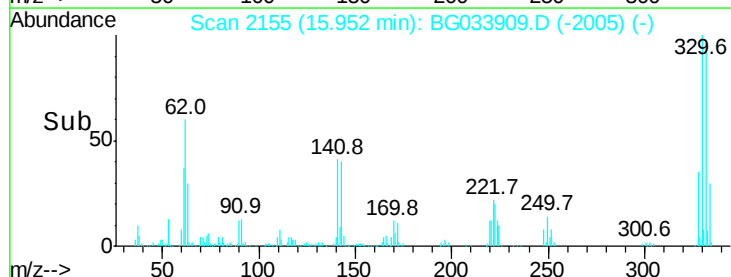
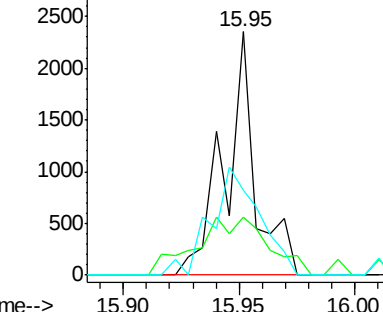
105 34.8 23.8 63.8

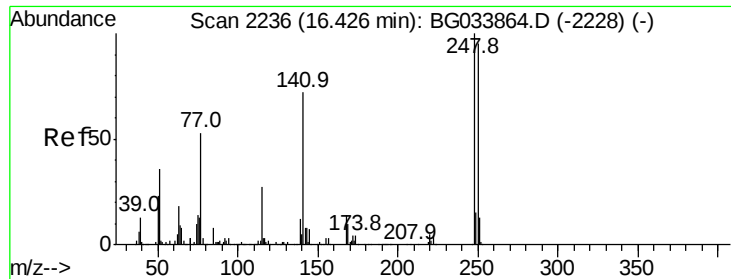


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

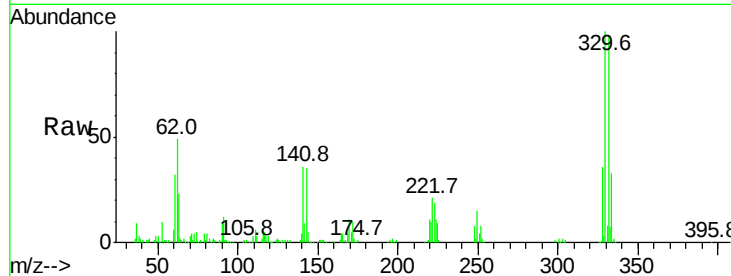




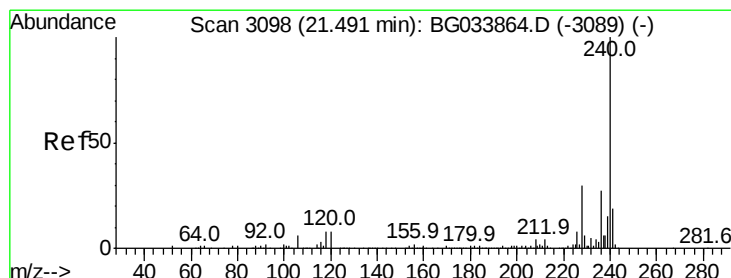
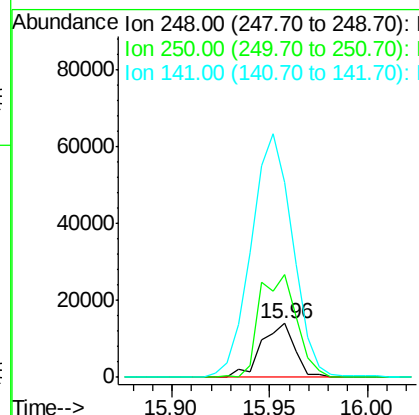
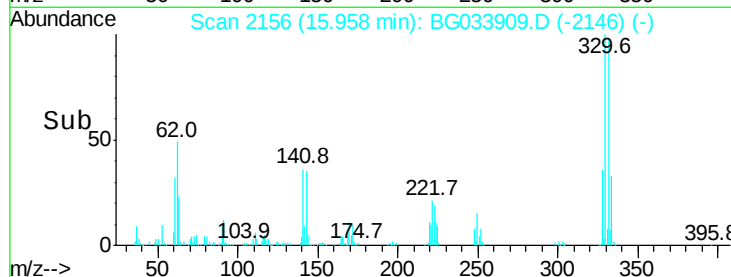
#66
 4-Bromophenyl-phenylether
 Concen: 3.237 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.47 min
 Lab File: BG033909.D
 Acq: 21 Apr 2018 6:58

Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDW-F-D-M

Tot Ion:248 Resp: 16927
 Ion Ratio Lower Upper
 248 100
 250 189.1 77.1 115.7#
 141 360.9 50.8 76.2#

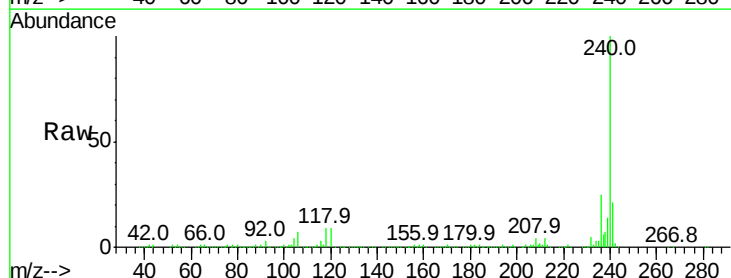


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

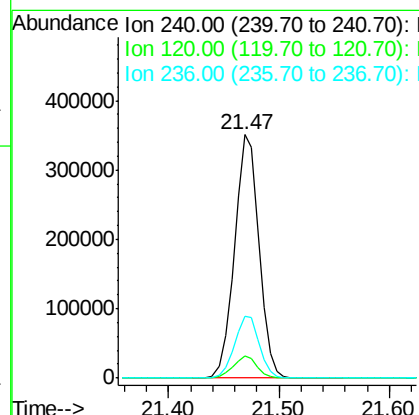
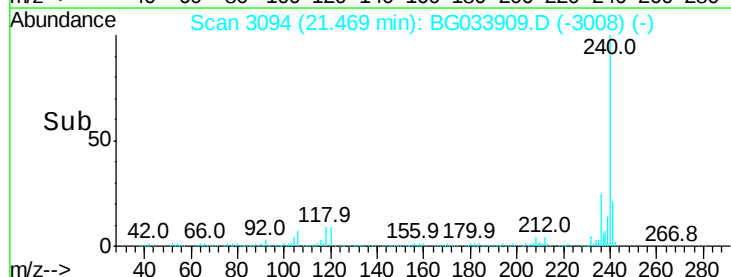


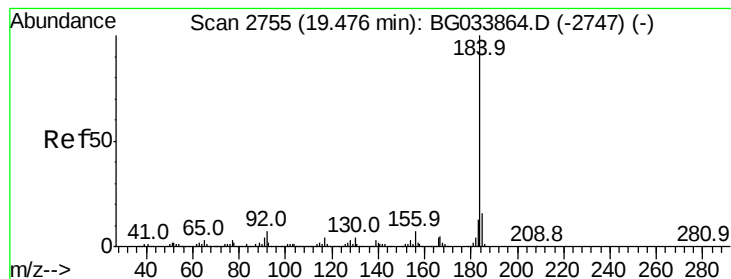
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.47 min Scan# 3094
 Delta R.T. -0.02 min
 Lab File: BG033909.D
 Acq: 21 Apr 2018 6:58

Tgt Ion:240 Resp: 543983
 Ion Ratio Lower Upper
 240 100
 120 9.0 6.8 10.2
 236 25.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.530 ng

RT: 19.85 min Scan# 2819

Delta R.T. 0.38 min

Lab File: BG033909.D

Acq: 21 Apr 2018 6:58

Instrument :

BNA_G

ClientSampleId :

041818-SIDW-F-D-M

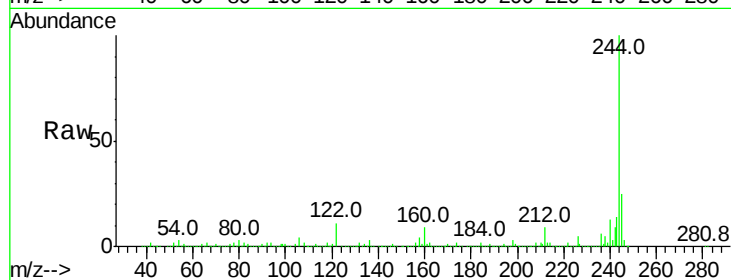
Tot Ion:184 Resp: 37166

Ion Ratio Lower Upper

184 100

185 16.2 11.1 16.7

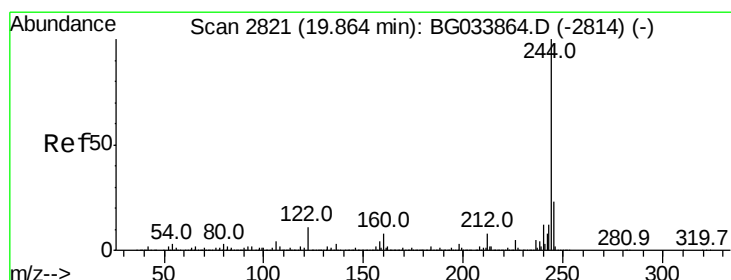
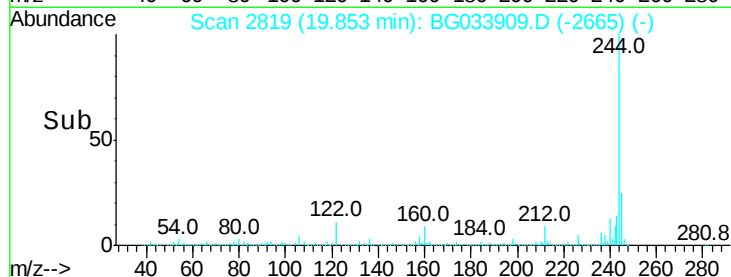
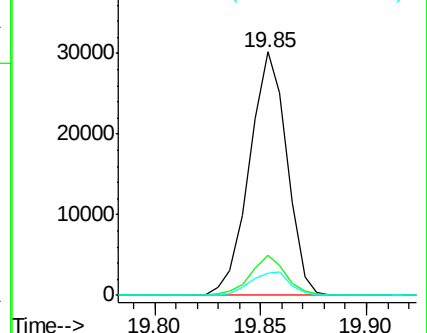
183 9.1 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 91.914 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033909.D

Acq: 21 Apr 2018 6:58

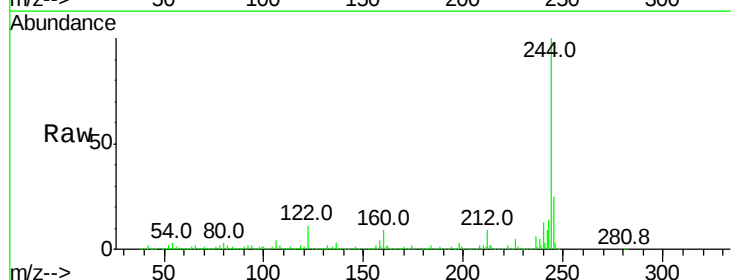
Tgt Ion:244 Resp: 2225548

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

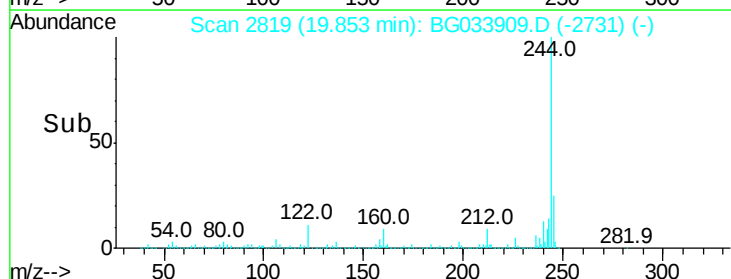
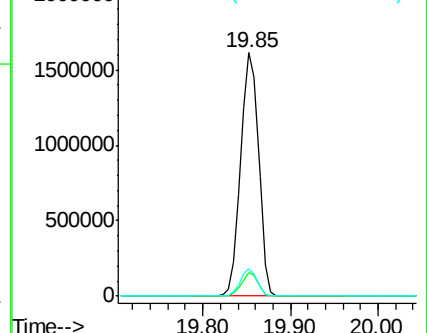
122 11.4 7.0 10.4#

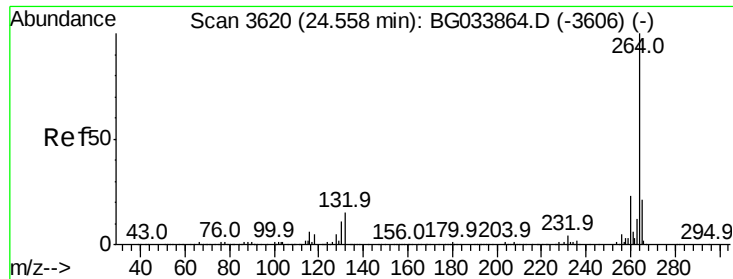


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.54 min Scan# 3616
 Delta R.T. -0.02 min
 Lab File: BG033909.D
 Acq: 21 Apr 2018 6:58

Instrument :
 BNA_G
 ClientSampleId :
 041818-SIDW-F-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	19.5	17.7	26.5

