

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082818\
 Data File : BG036469.D
 Acq On : 28 Aug 2018 22:14
 Operator : JU/SJ
 Sample : J4280-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-A

Quant Time: Aug 29 01:07:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

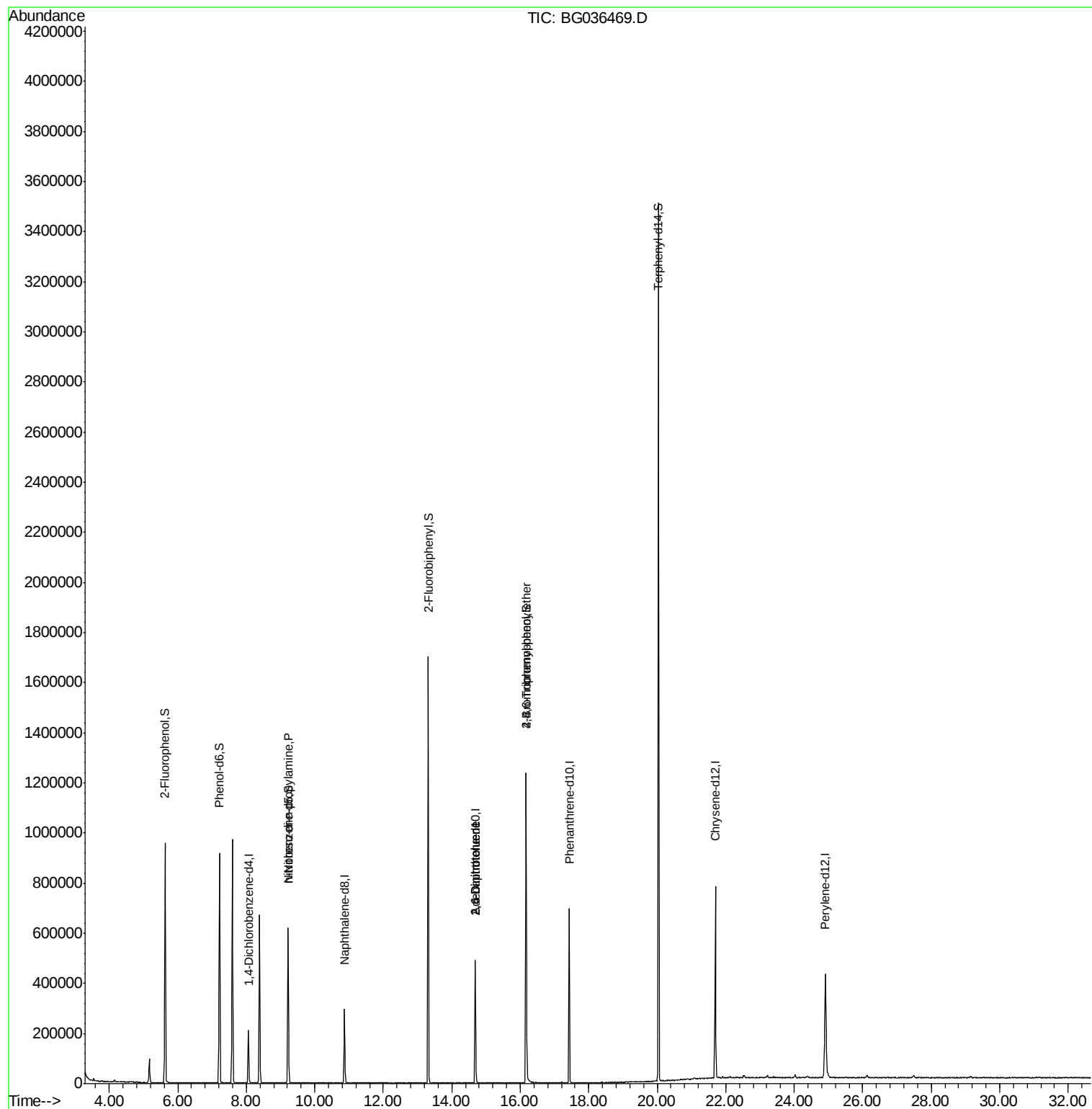
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	58745	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	249008	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	163825	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	433368	20.00	ng	0.00
75) Chrysene-d12	21.70	240	471544	20.00	ng	-0.01
86) Perylene-d12	24.91	264	474921	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	393613	106.29	ng	0.00
7) Phenol-d6	7.22	99	512433	96.65	ng	0.00
23) Nitrobenzene-d5	9.22	82	368577	80.31	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	242736	124.17	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	848899	73.99	ng	-0.01
78) Terphenyl-d14	20.04	244	1588646	78.75	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	48196	12.163	ng	# 71
50) 2,6-Dinitrotoluene	14.68	165	20833	7.568	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	20833	5.807	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	17123	3.375	ng	# 1

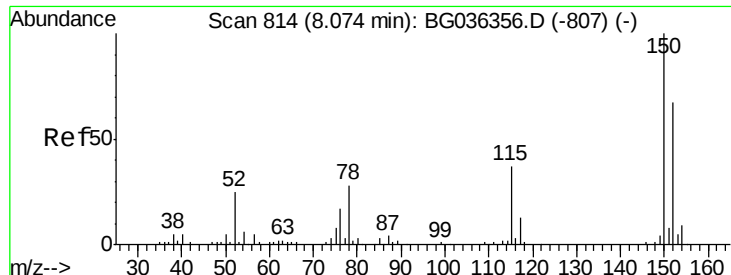
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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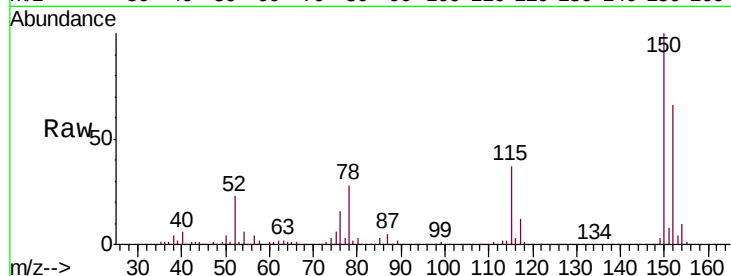




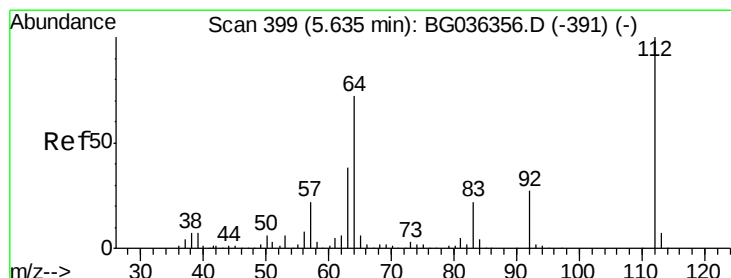
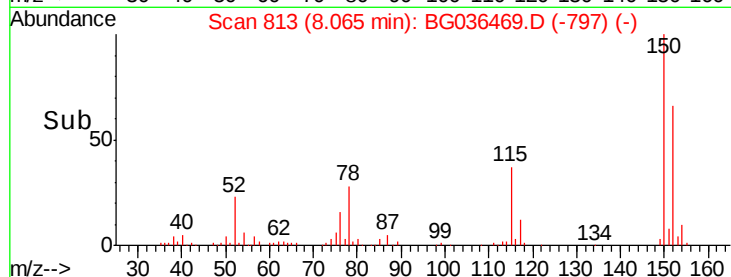
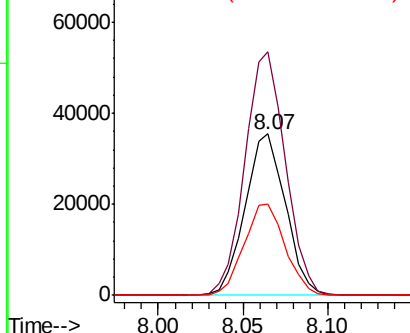
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG036469.D
 Acq: 28 Aug 2018 22:14

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-A

Tgt Ion:152 Resp: 58745
 Ion Ratio Lower Upper
 152 100
 150 151.1 119.5 179.3
 115 56.3 44.5 66.7

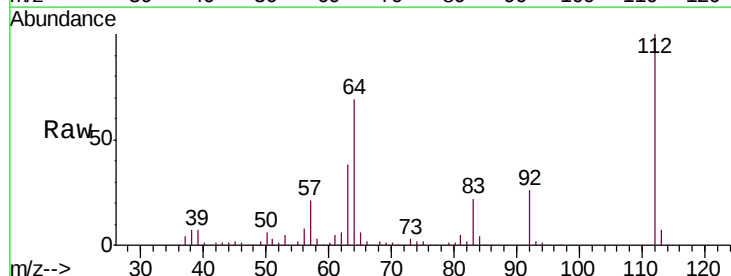


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

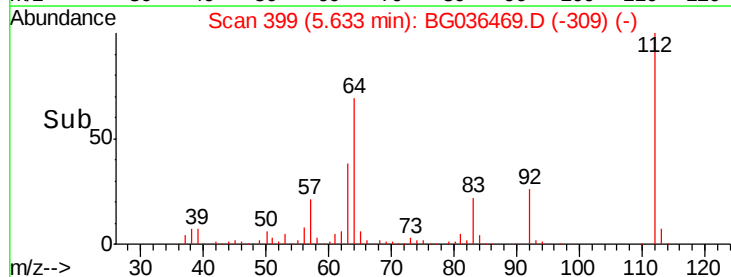
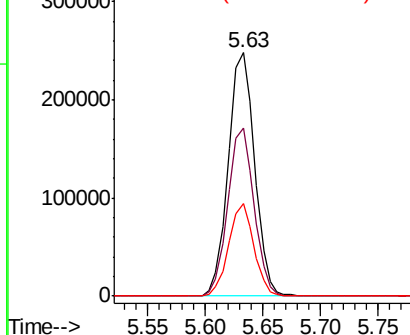


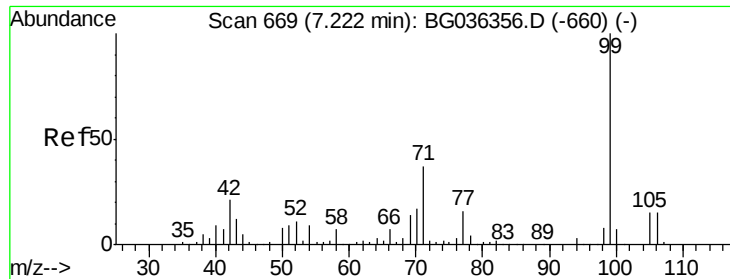
#5
 2-Fluorophenol
 Concen: 106.288 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG036469.D
 Acq: 28 Aug 2018 22:14

Tgt Ion:112 Resp: 393613
 Ion Ratio Lower Upper
 112 100
 64 69.3 57.2 85.8
 63 37.8 30.8 46.2



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





#7

Phenol-d6

Concen: 96.646 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036469.D

Acq: 28 Aug 2018 22:14

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-A

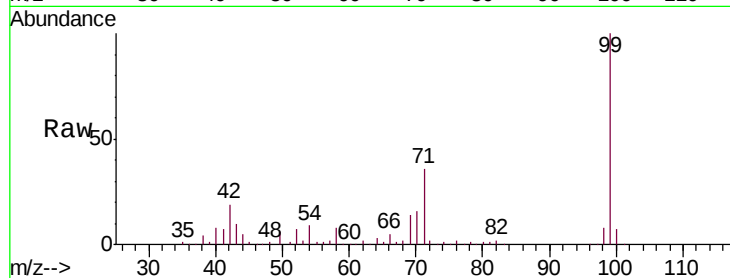
Tgt Ion: 99 Resp: 512433

Ion Ratio Lower Upper

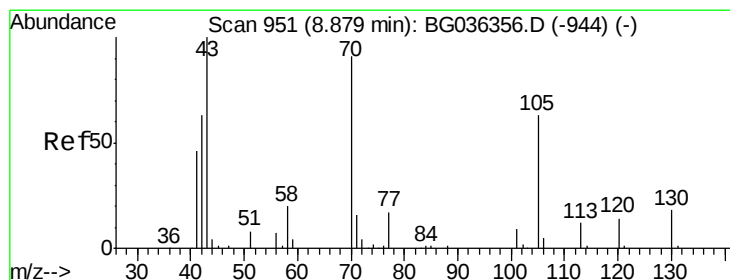
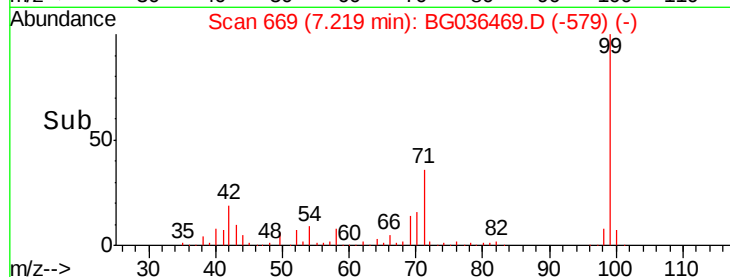
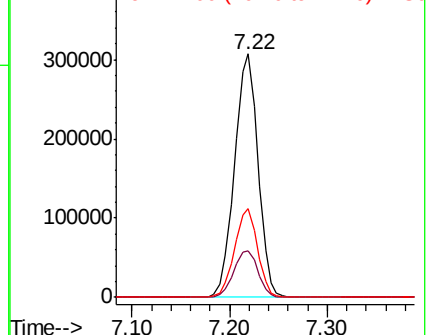
99 100

42 19.0 16.5 24.7

71 36.3 29.4 44.2



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: 12.163 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG036469.D

Acq: 28 Aug 2018 22:14

Tgt Ion: 70 Resp: 48196

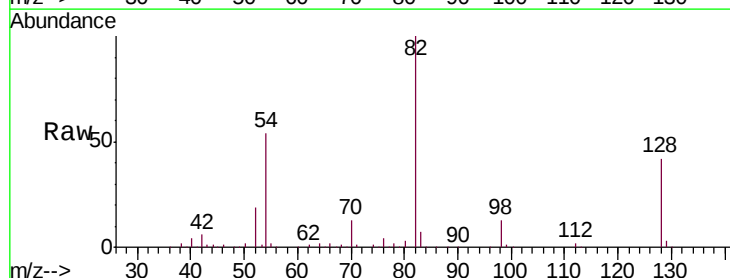
Ion Ratio Lower Upper

70 100

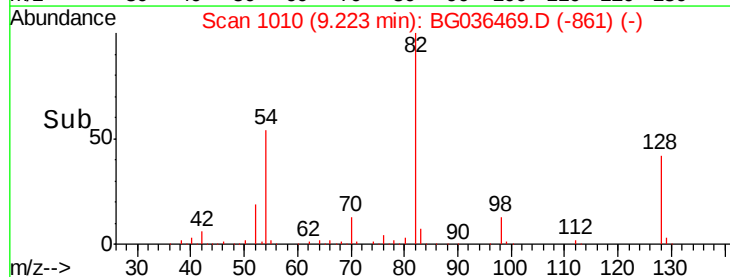
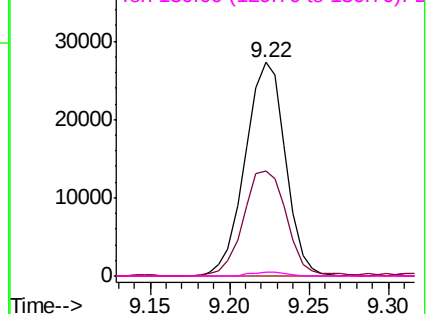
42 49.2 56.2 84.4#

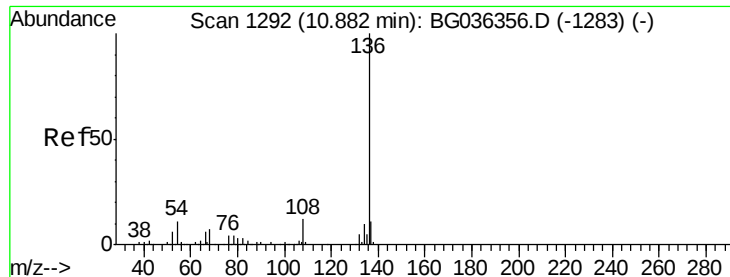
101 0.0 7.8 11.6#

130 2.0 16.2 24.2#



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

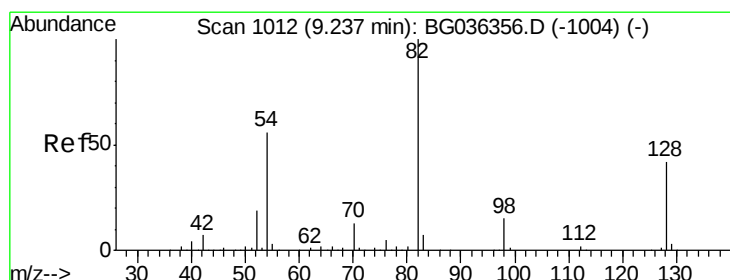
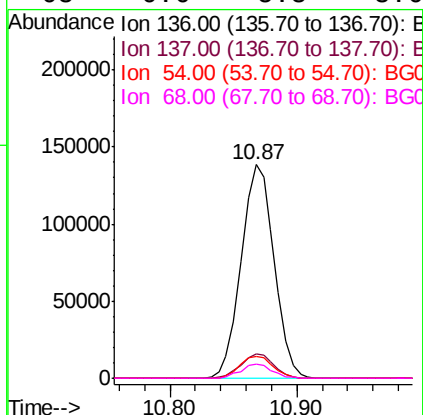
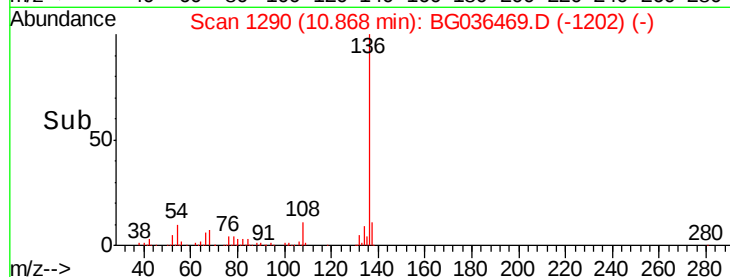
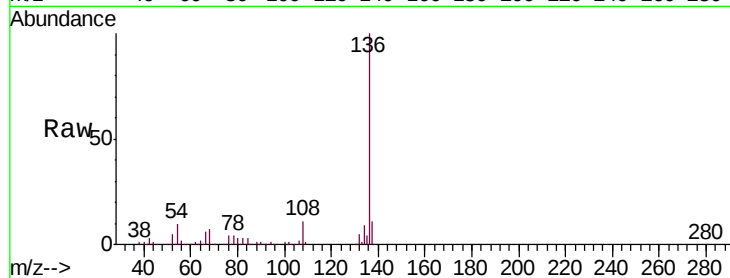




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036469.D
Acq: 28 Aug 2018 22:14

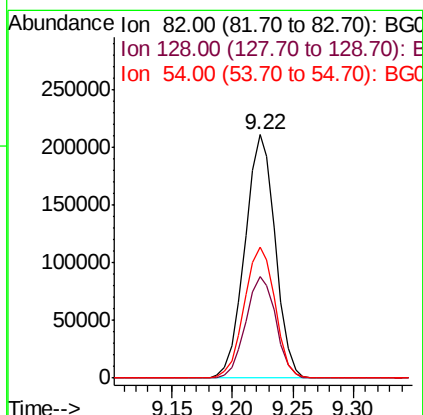
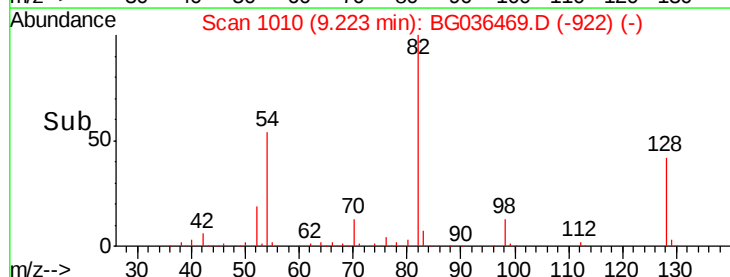
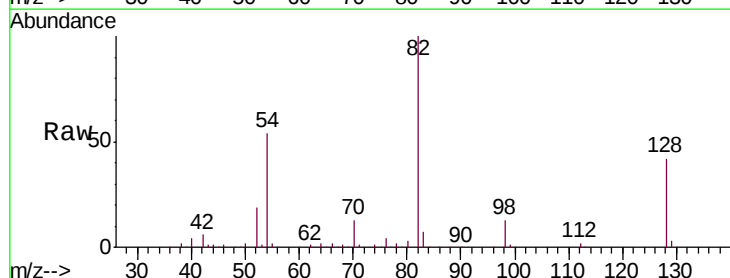
Instrument :
BNA_G
ClientSampleId :
PL-05-082418-A

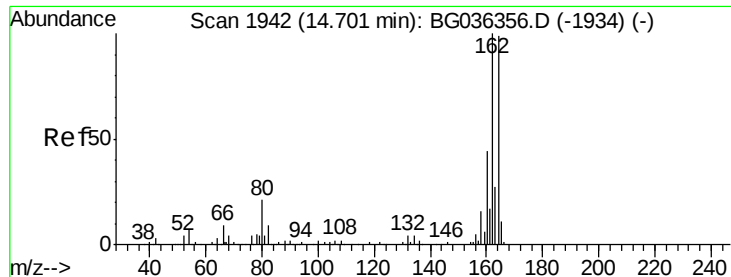
Tgt Ion:	136	Resp:	249008
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.1	9.2	13.8
68	6.6	5.8	8.6



#23
Nitrobenzene-d5
Concen: 80.310 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036469.D
Acq: 28 Aug 2018 22:14

Tgt Ion:	82	Resp:	368577
Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.3	49.9
54	53.8	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG036469.D

Acq: 28 Aug 2018 22:14

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-A

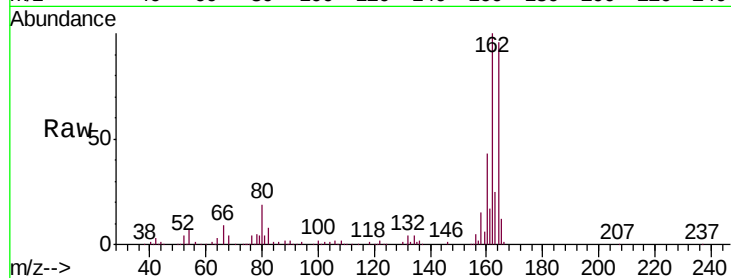
Tgt Ion:164 Resp: 163825

Ion Ratio Lower Upper

164 100

162 104.6 80.7 121.1

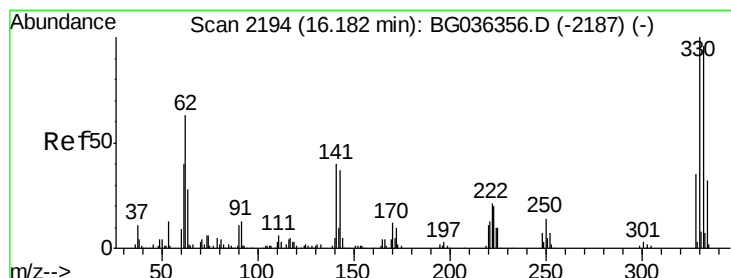
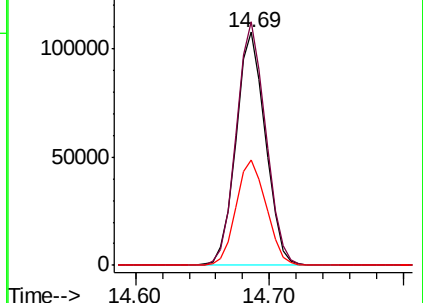
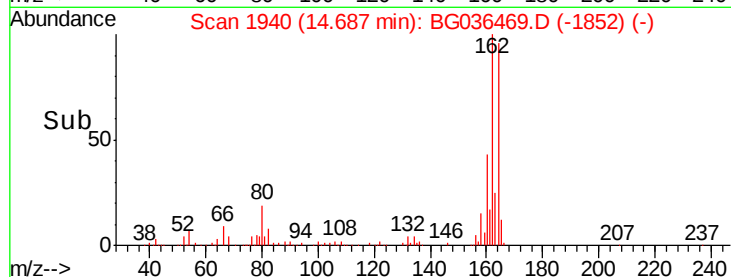
160 45.2 35.3 52.9



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: 124.174 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG036469.D

Acq: 28 Aug 2018 22:14

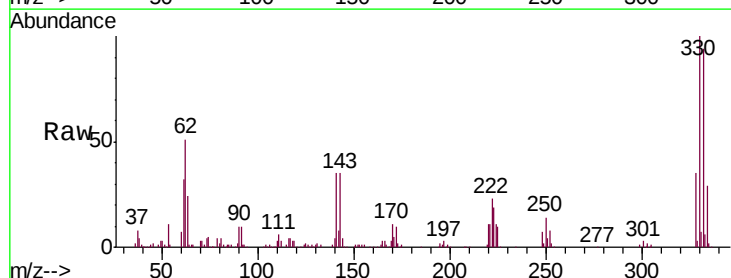
Tgt Ion:330 Resp: 242736

Ion Ratio Lower Upper

330 100

332 93.9 75.4 113.2

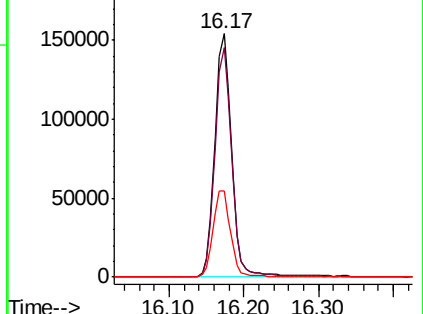
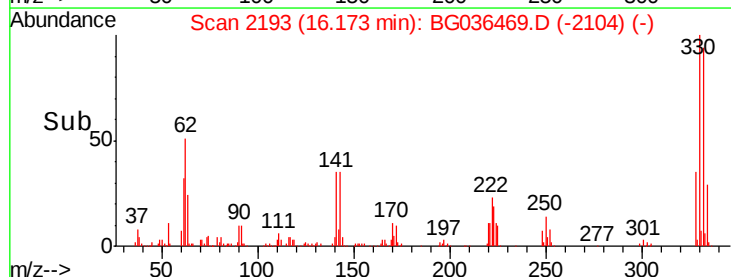
141 36.7 30.7 46.1

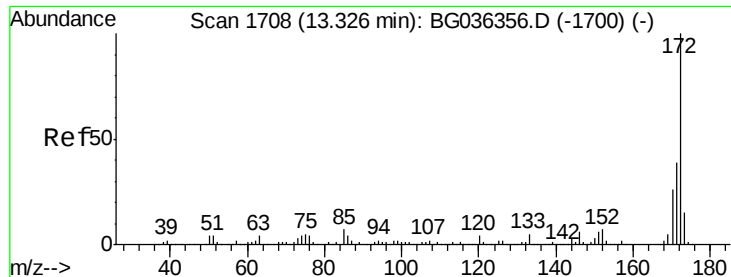


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

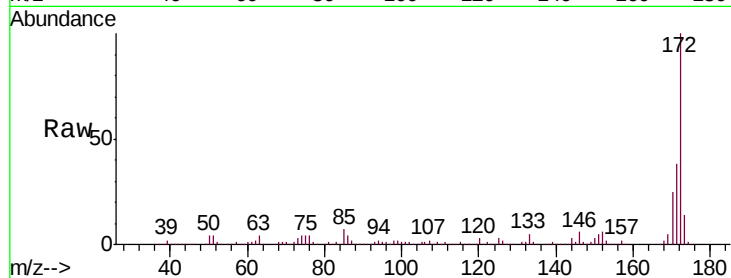




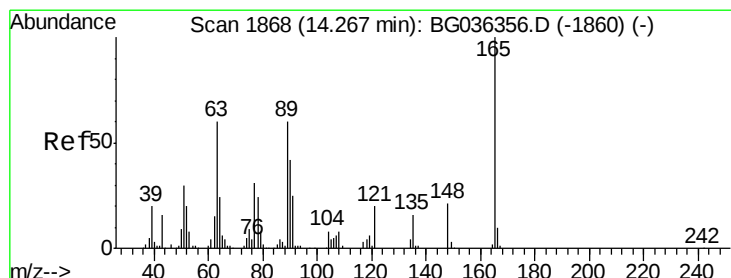
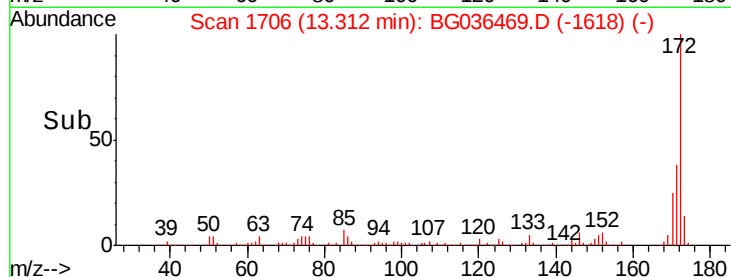
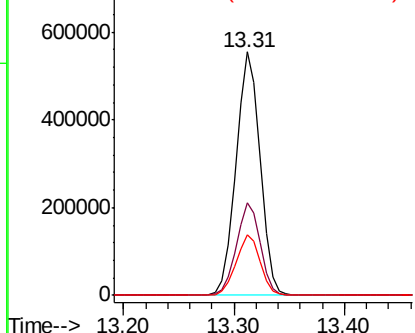
#44
 2-Fluorobiphenyl
 Concen: 73.986 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036469.D
 Acq: 28 Aug 2018 22:14

Instrument :
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 PL-05-082418-A

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	24.9	21.0	31.6

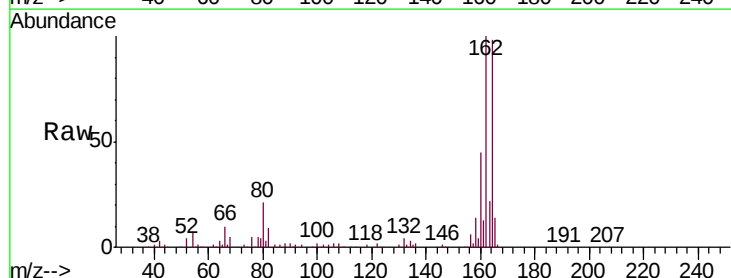


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

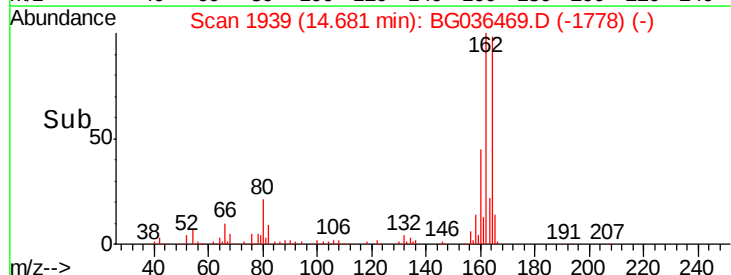
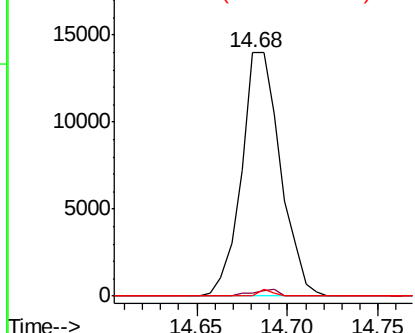


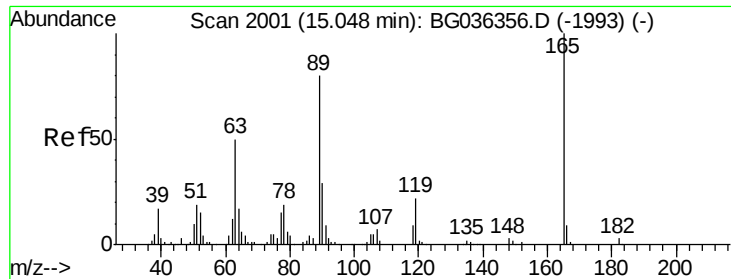
#50
 2,6-Dinitrotoluene
 Concen: 7.568 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.41 min
 Lab File: BG036469.D
 Acq: 28 Aug 2018 22:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	50.1	75.1#
89	0.0	47.8	71.6#



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

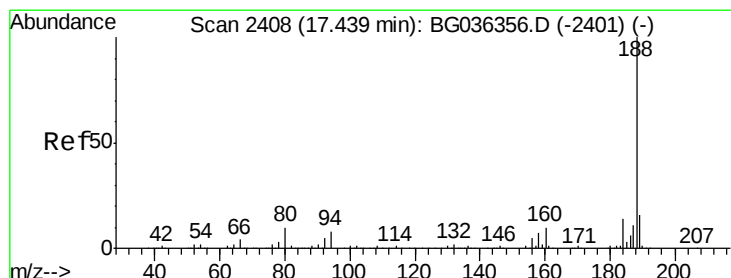
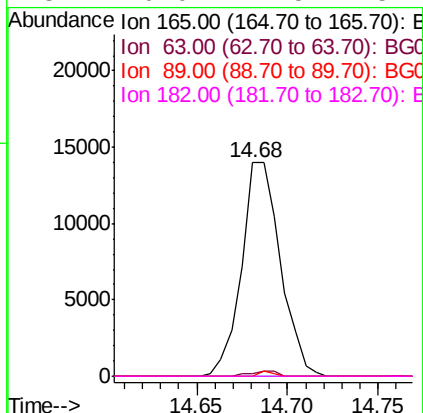
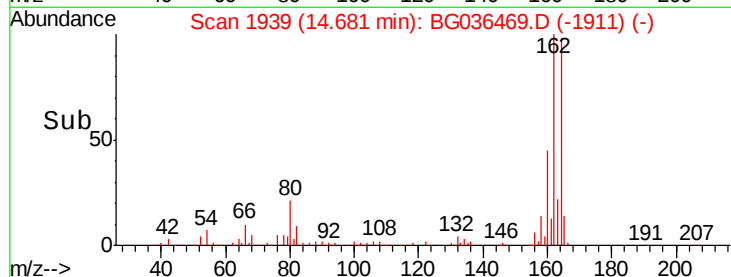
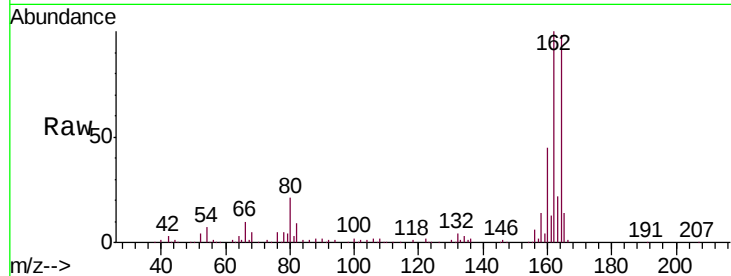




#56
 2,4-Dinitrotoluene
 Concen: 5.807 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG036469.D
 Acq: 28 Aug 2018 22:14

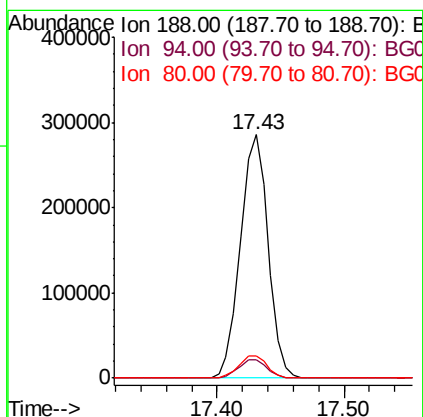
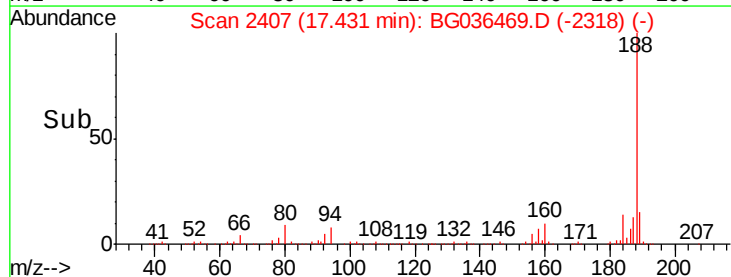
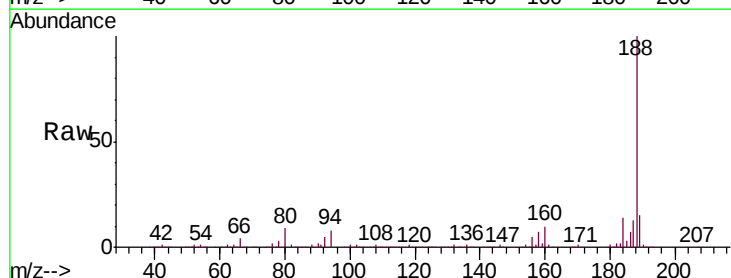
Instrument :
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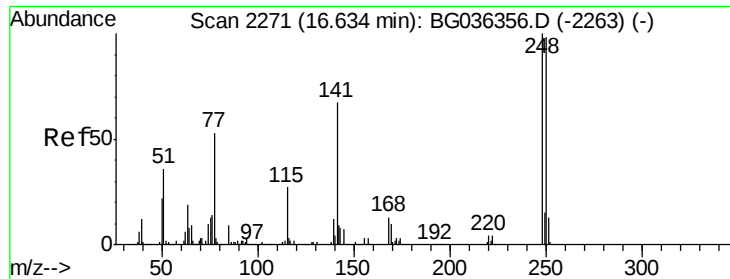
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036469.D
 Acq: 28 Aug 2018 22:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	9.2	8.1	12.1

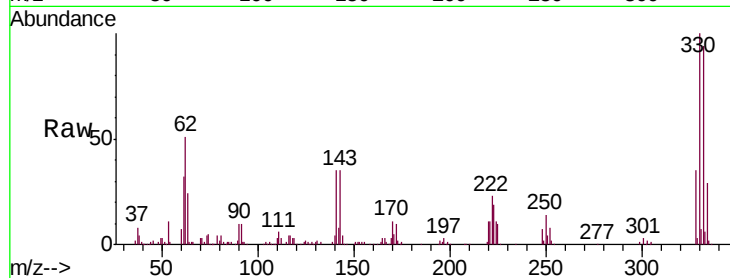




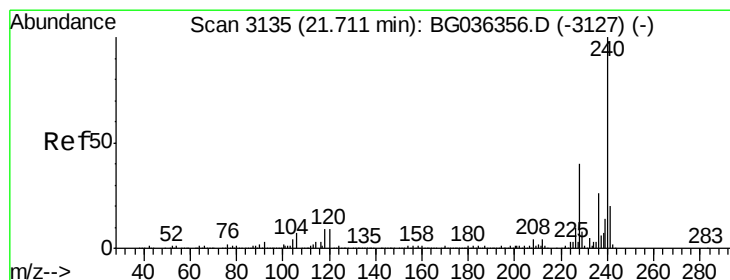
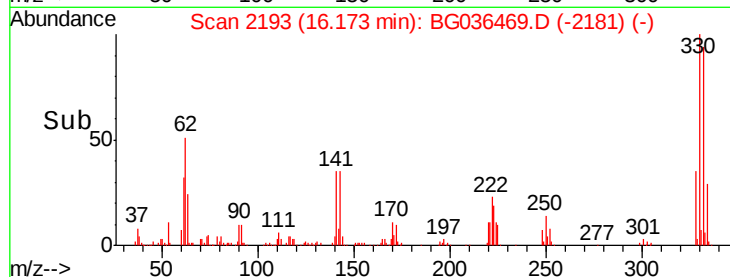
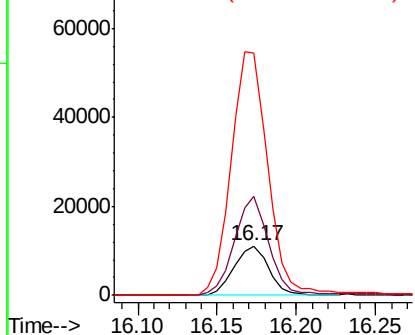
#66
 4-Bromophenyl-phenylether
 Concen: 3.375 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG036469.D
 Acq: 28 Aug 2018 22:14

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-A

Tgt Ion:248 Resp: 17123
 Ion Ratio Lower Upper
 248 100
 250 200.2 78.1 117.1#
 141 493.2 53.7 80.5#

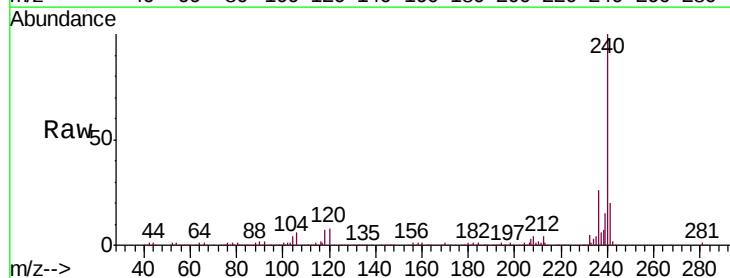


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

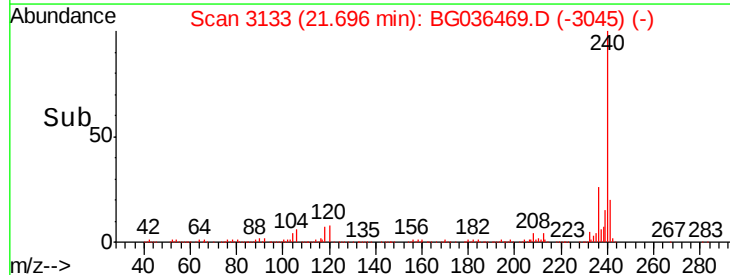
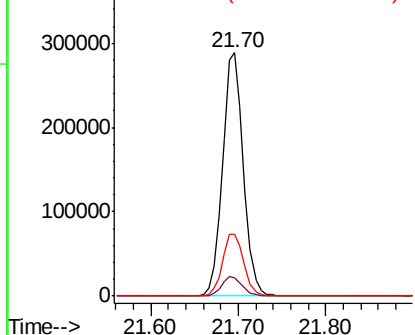


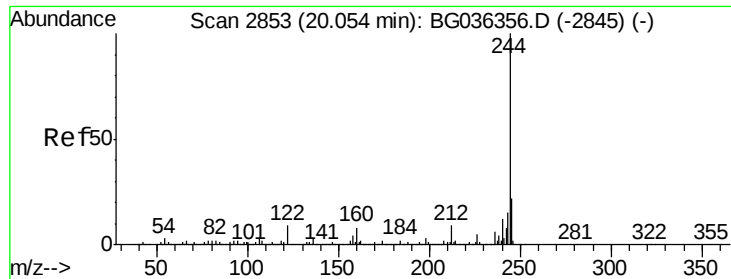
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG036469.D
 Acq: 28 Aug 2018 22:14

Tgt Ion:240 Resp: 471544
 Ion Ratio Lower Upper
 240 100
 120 7.6 6.9 10.3
 236 25.6 21.2 31.8



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: 78.746 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036469.D

Acq: 28 Aug 2018 22:14

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-A

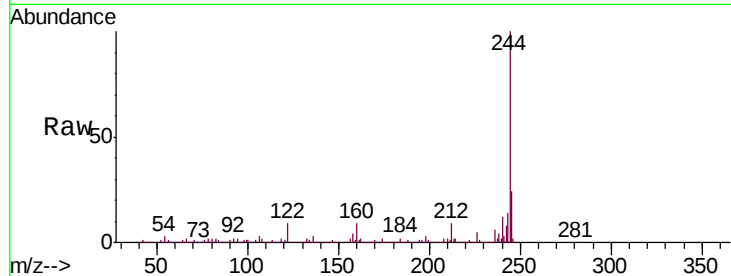
Tgt Ion:244 Resp: 1588646

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

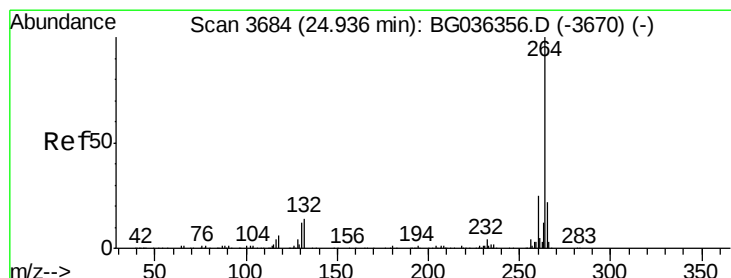
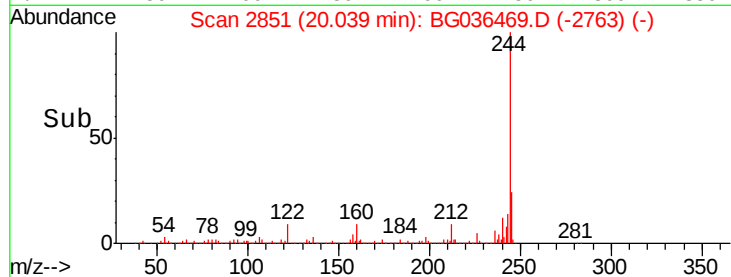
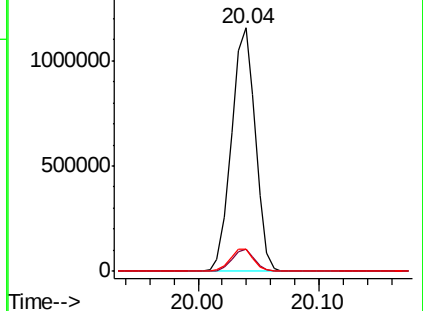
122 9.2 7.1 10.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.03 min

Lab File: BG036469.D

Acq: 28 Aug 2018 22:14

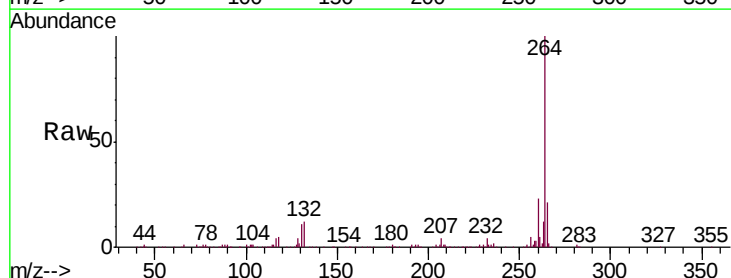
Tgt Ion:264 Resp: 474921

Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 20.6 17.4 26.0



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

