

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036533.D
 Acq On : 4 Sep 2018 15:52
 Operator : JU/SJ
 Sample : J4748-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 05 02:28:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

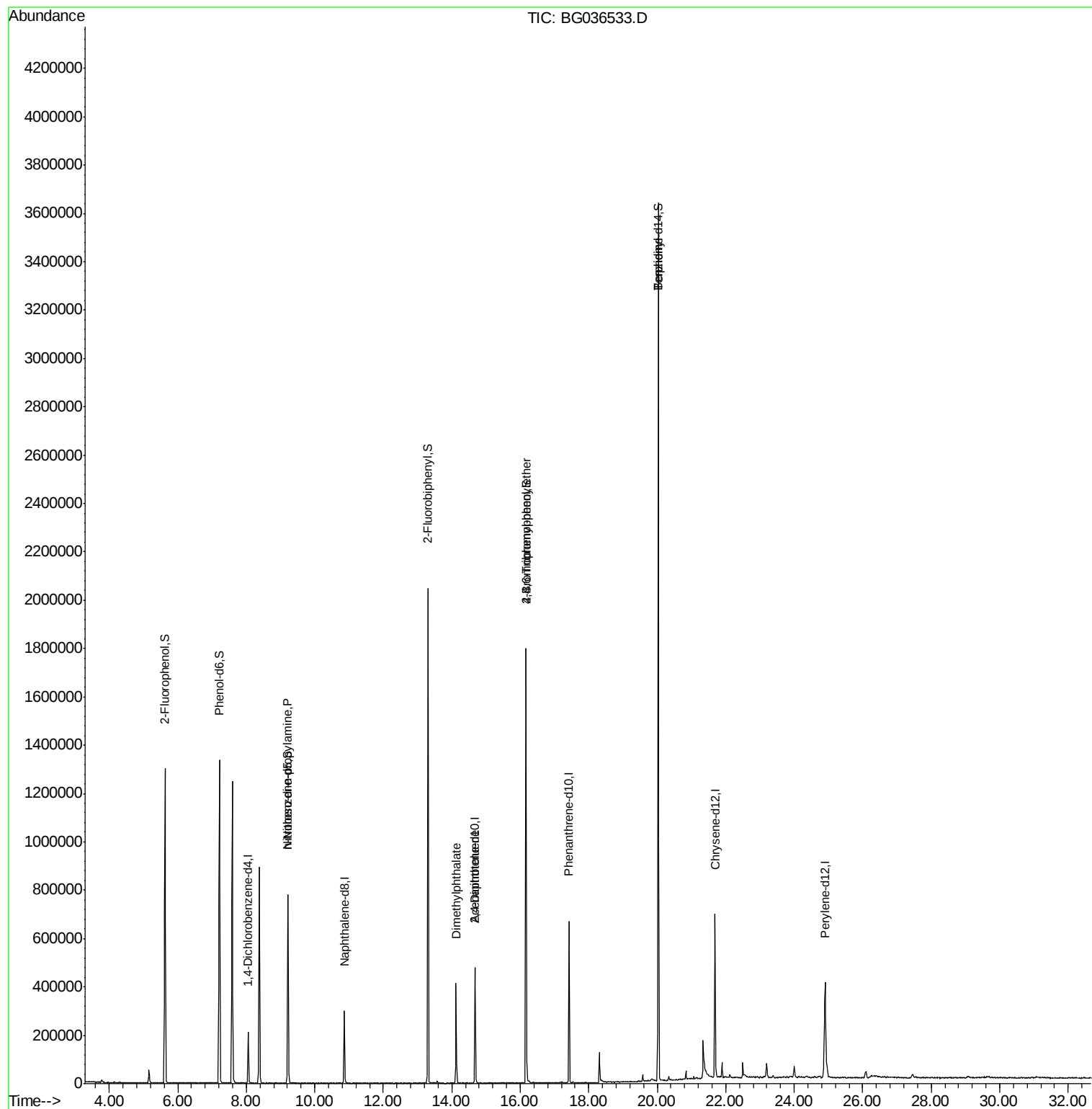
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	59889	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	247341	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	158999	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	411372	20.00	ng	0.00
75) Chrysene-d12	21.69	240	429483	20.00	ng	0.00
86) Perylene-d12	24.90	264	432895	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	545688	144.54	ng	0.00
7) Phenol-d6	7.21	99	771617	142.75	ng	0.00
23) Nitrobenzene-d5	9.22	82	467667	102.59	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	322602	170.04	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1057946	95.00	ng	0.00
78) Terphenyl-d14	20.03	244	1651165	89.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	62303	15.422	ng	Qvalue # 69
49) Dimethylphthalate	14.13	163	274316	21.129	ng	# 99
56) 2,4-Dinitrotoluene	14.68	165	19946	5.729	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	23723	4.926	ng	# 1
76) Benzidine	20.03	184	29009	2.117	ng	# 95

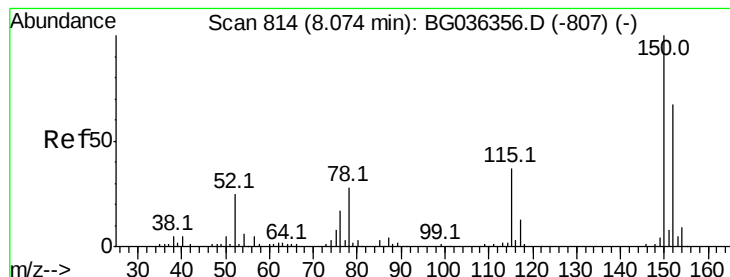
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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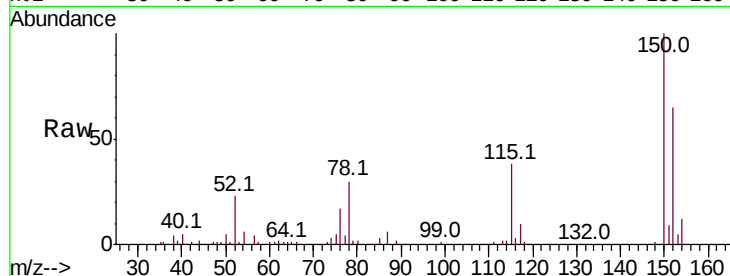


#1

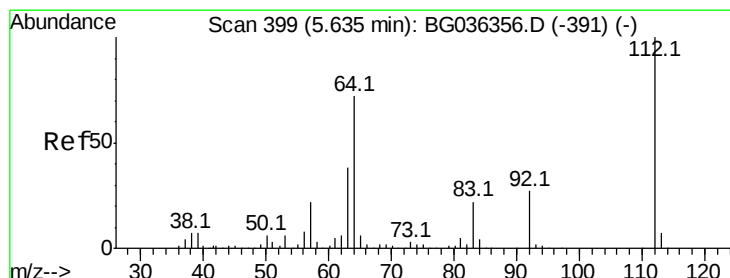
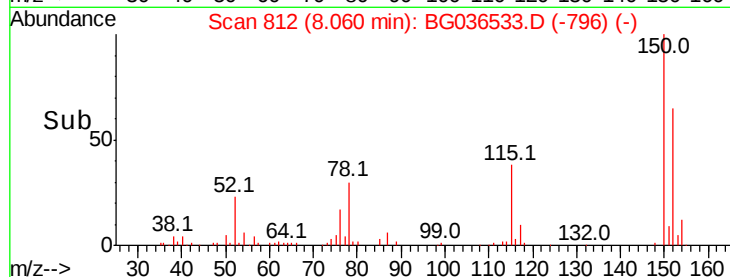
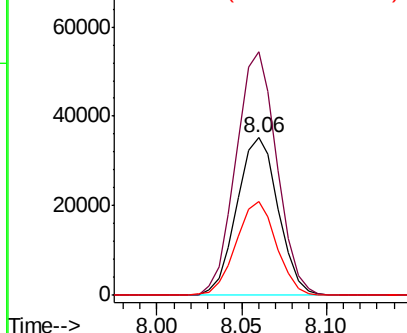
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036533.D
Acq: 4 Sep 2018 15:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	119.5	179.3
115	59.5	44.5	66.7



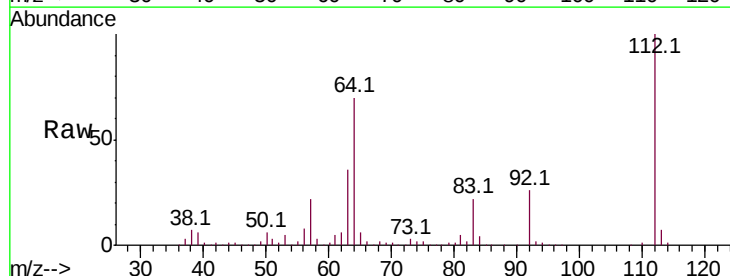
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



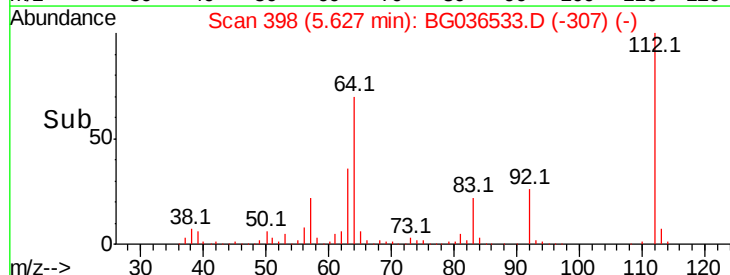
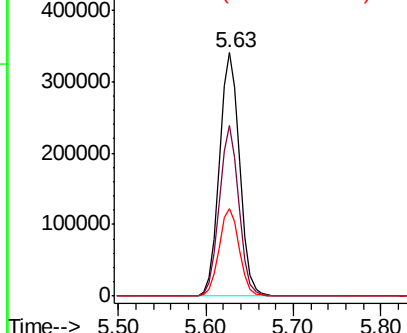
#5

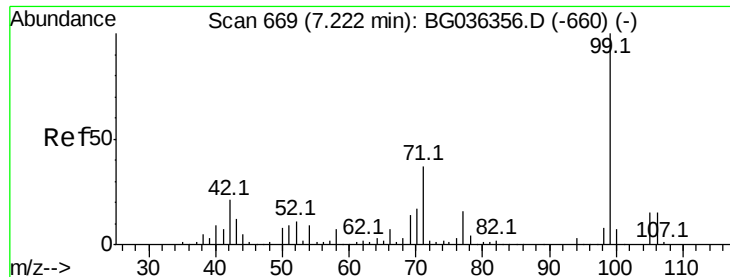
2-Fluorophenol
Concen: 144.538 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036533.D
Acq: 4 Sep 2018 15:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	57.2	85.8
63	35.9	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: 142.748 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036533.D

Acq: 4 Sep 2018 15:52

Instrument :

BNA_G

ClientSampled :

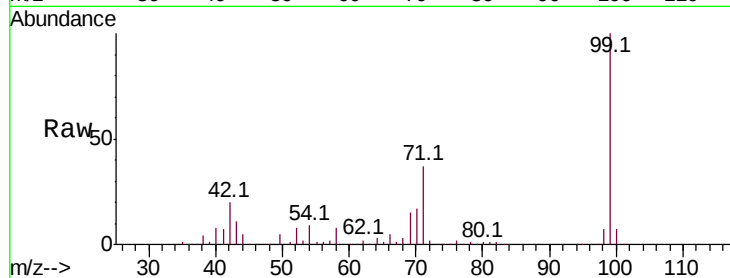
Tot Ion: 99 Resp: 771617

Ion Ratio Lower Upper

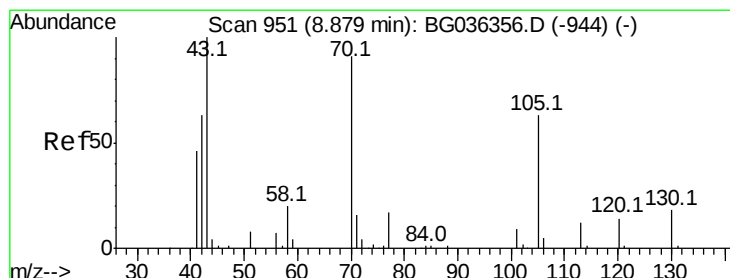
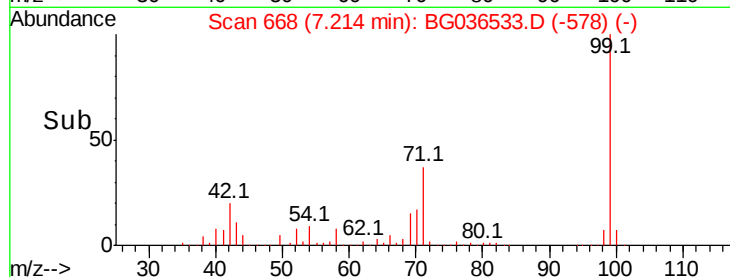
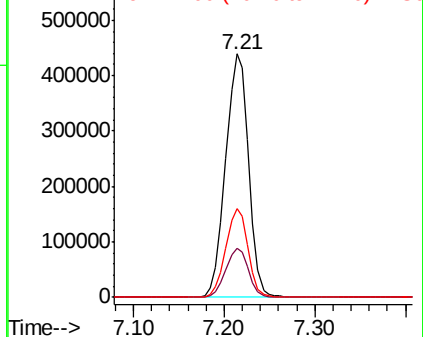
99 100

42 20.3 16.5 24.7

71 36.7 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: 15.422 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036533.D

Acq: 4 Sep 2018 15:52

Tgt Ion: 70 Resp: 62303

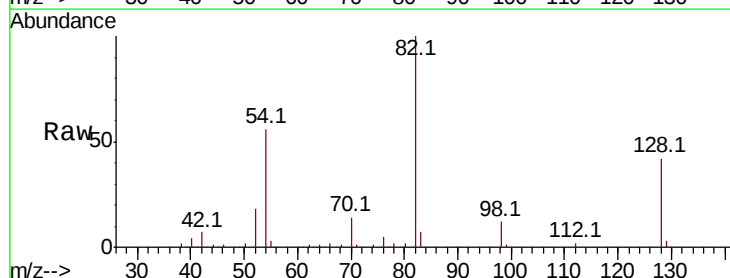
Ion Ratio Lower Upper

70 100

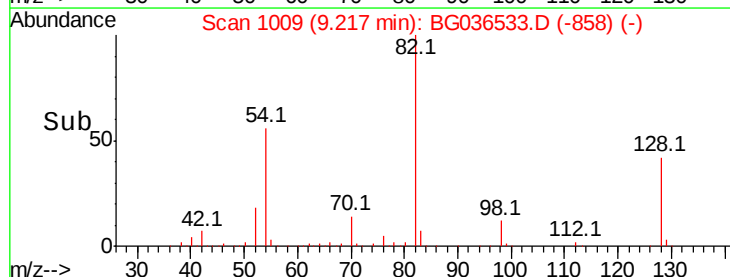
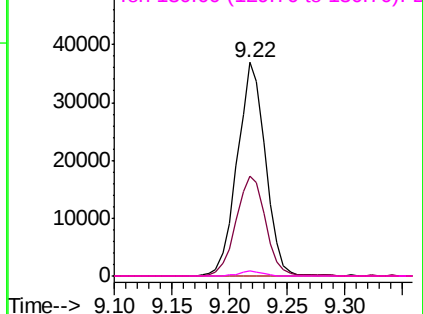
42 46.5 56.2 84.4#

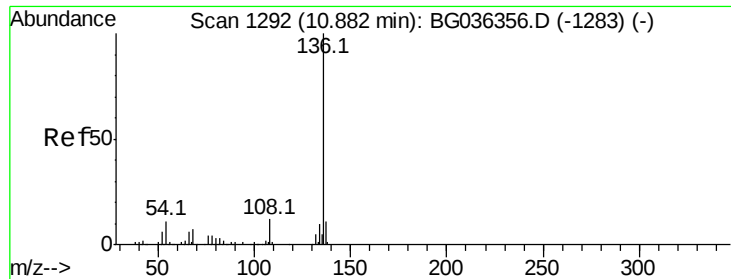
101 0.0 7.8 11.6#

130 2.3 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

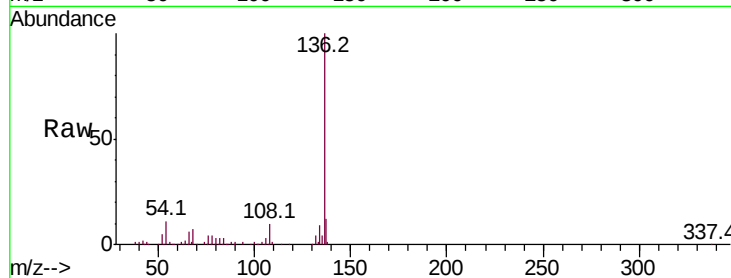




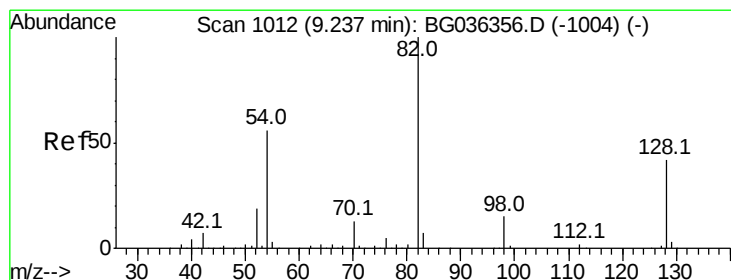
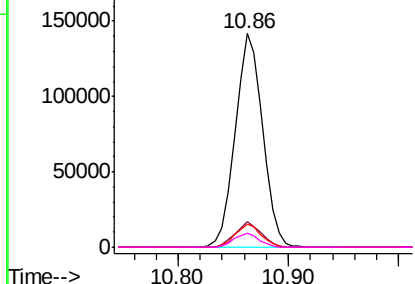
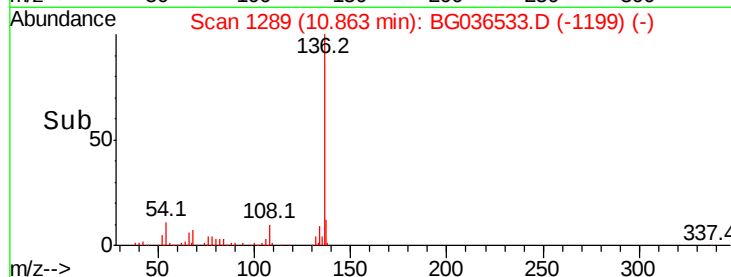
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036533.D
Acq: 4 Sep 2018 15:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	247341
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.8	13.2
54	10.6	9.2	13.8
68	6.8	5.8	8.6

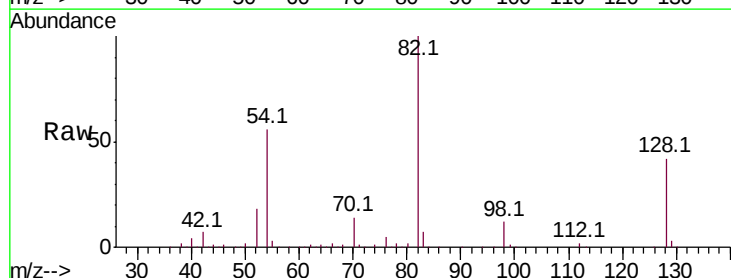


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

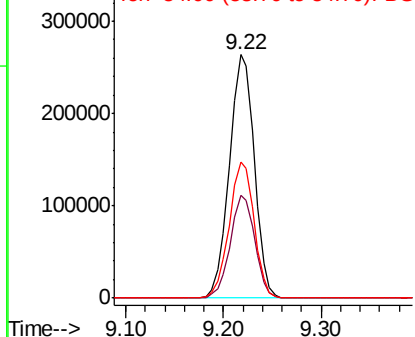
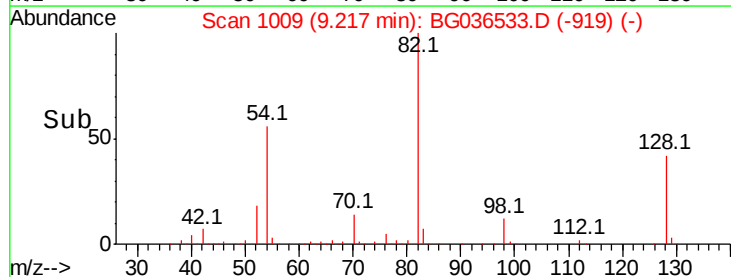


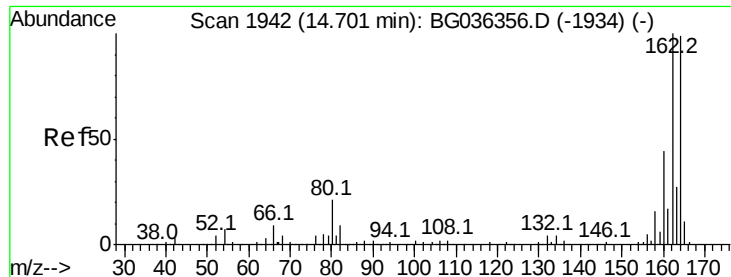
#23
Nitrobenzene-d5
Concen: 102.587 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036533.D
Acq: 4 Sep 2018 15:52

Tgt Ion:	82	Resp:	467667
Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.3	49.9
54	56.0	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG036533.D

Acq: 4 Sep 2018 15:52

Instrument :

BNA_G

ClientSampleId :

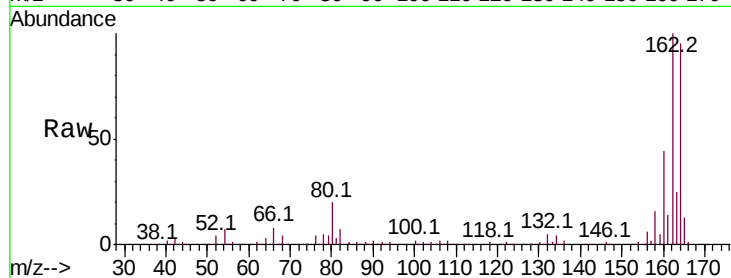
Tot Ion:164 Resp: 158999

Ion Ratio Lower Upper

164 100

162 104.8 80.7 121.1

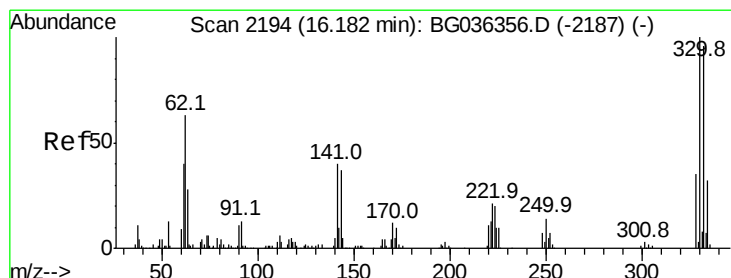
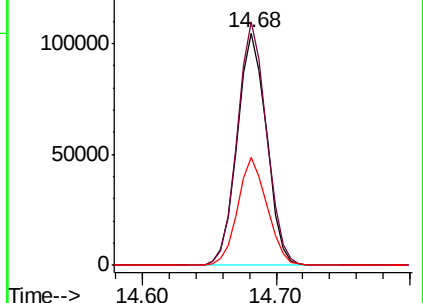
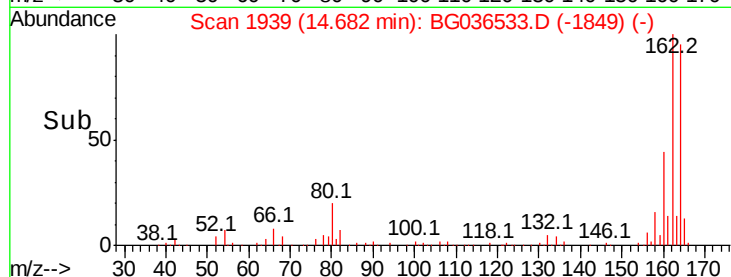
160 46.3 35.3 52.9



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: 170.040 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG036533.D

Acq: 4 Sep 2018 15:52

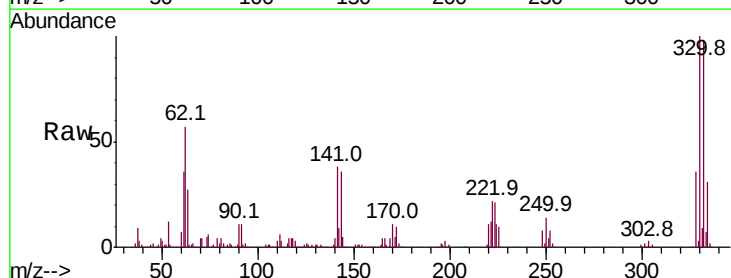
Tgt Ion:330 Resp: 322602

Ion Ratio Lower Upper

330 100

332 96.6 75.4 113.2

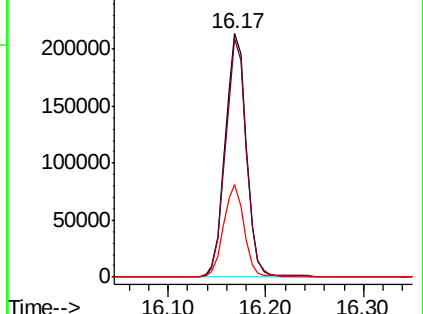
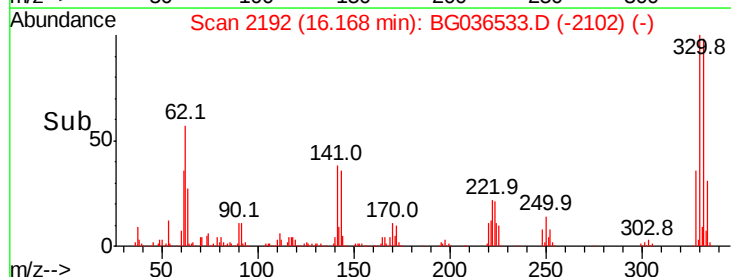
141 37.0 30.7 46.1



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

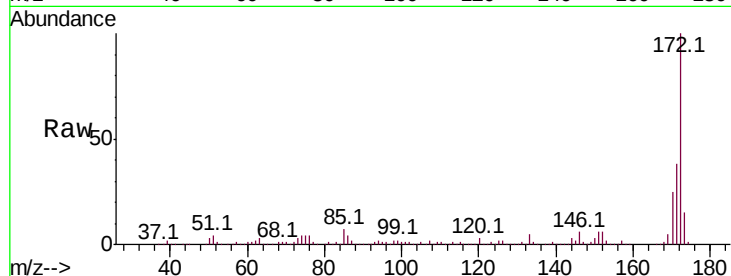




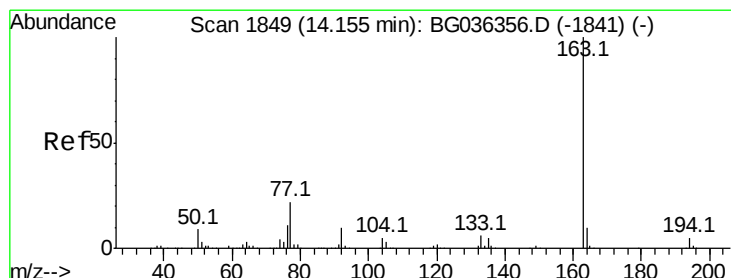
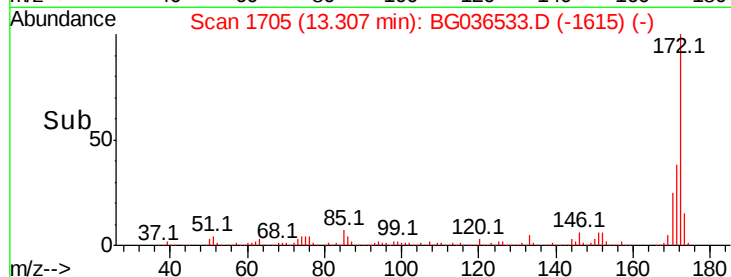
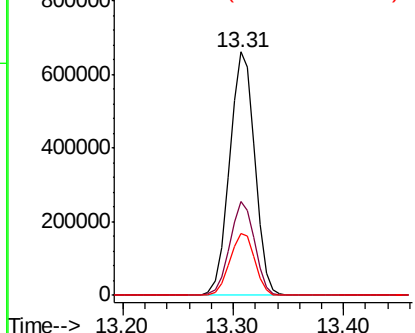
#44
2-Fluorobiphenyl
Concen: 95.004 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036533.D
Acq: 4 Sep 2018 15:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1057946
Ion Ratio Lower Upper
172 100
171 38.5 31.3 46.9
170 25.5 21.0 31.6

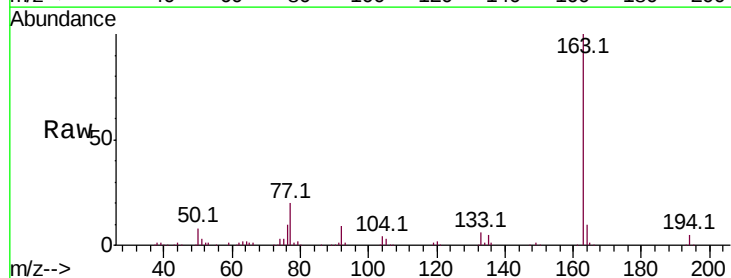


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

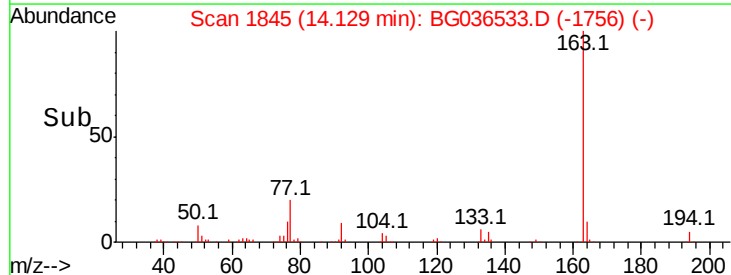
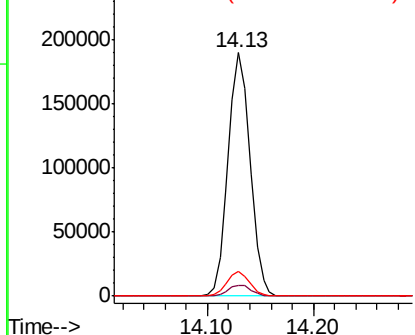


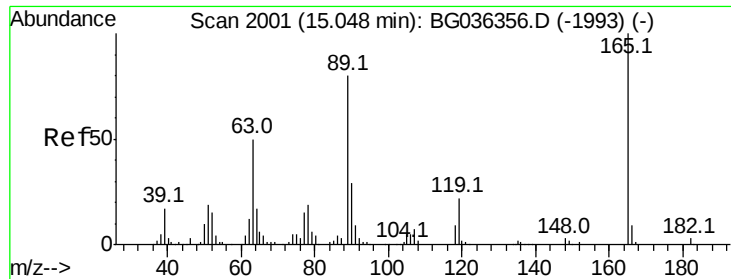
#49
Dimethylphthalate
Concen: 21.129 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036533.D
Acq: 4 Sep 2018 15:52

Tgt Ion:163 Resp: 274316
Ion Ratio Lower Upper
163 100
194 4.5 4.0 6.0
164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

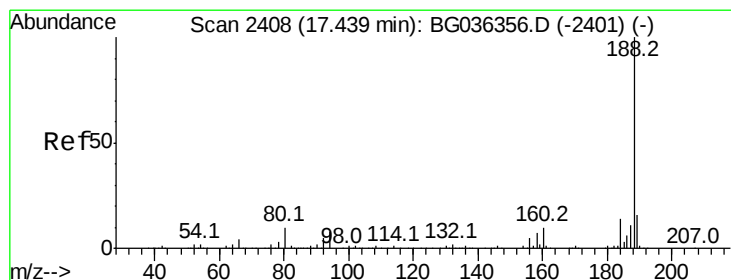
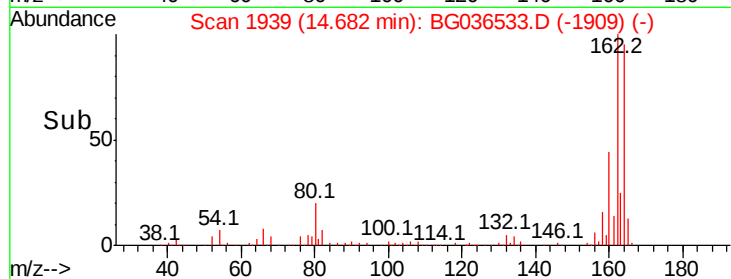
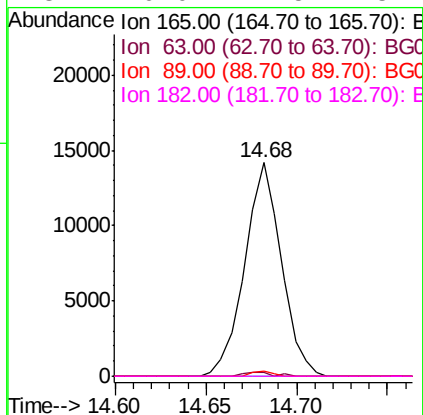
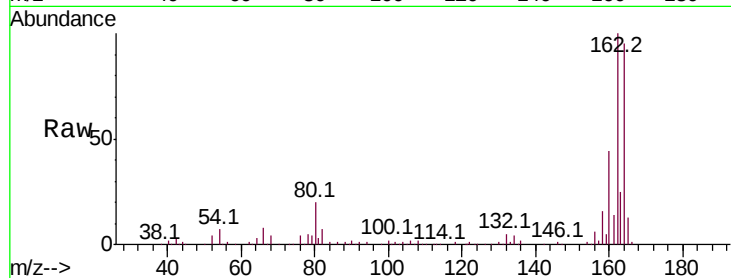




#56
 2,4-Dinitrotoluene
 Concen: 5.729 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036533.D
 Acq: 4 Sep 2018 15:52

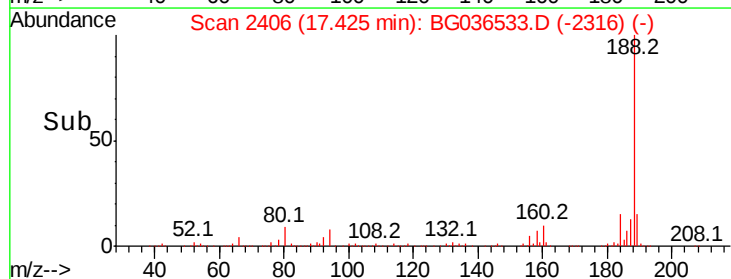
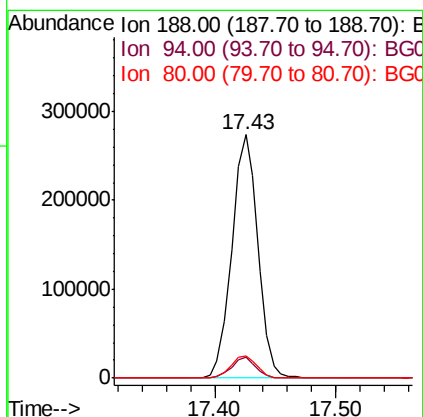
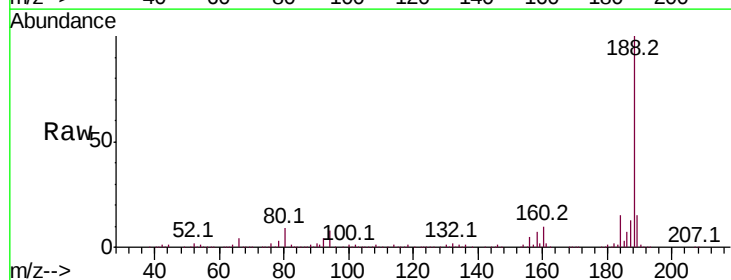
Instrument :
 BNA_G
 ClientSampleId :

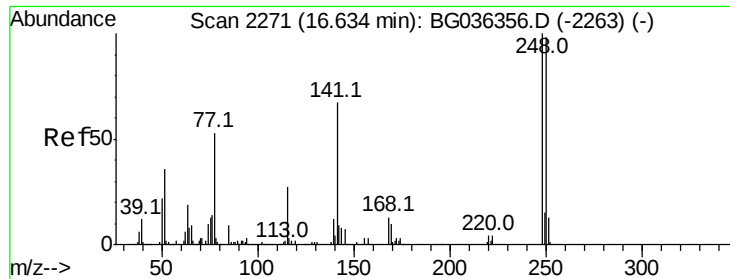
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.1	60.1#
89	2.5	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036533.D
 Acq: 4 Sep 2018 15:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	9.1	8.1	12.1

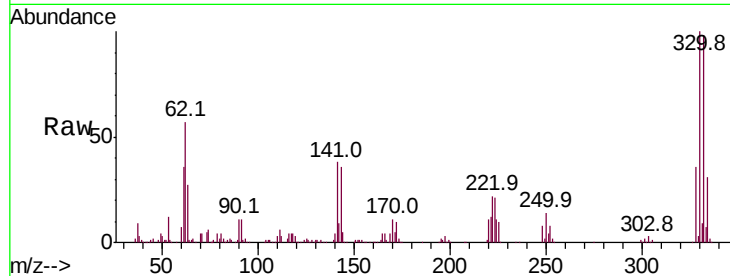




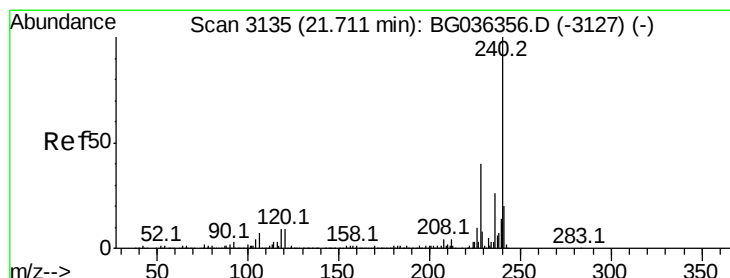
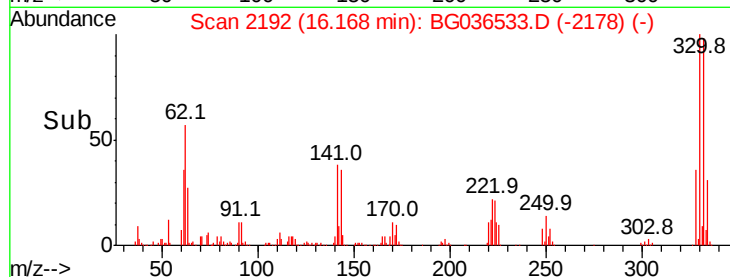
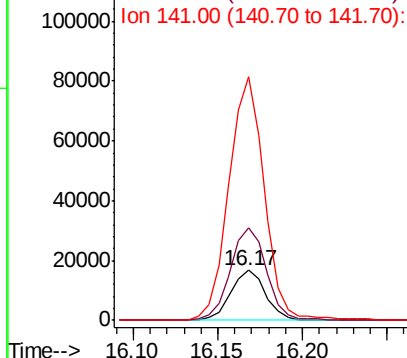
#66
4-Bromophenyl-phenylether
Concen: 4.926 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.45 min
Lab File: BG036533.D
Acq: 4 Sep 2018 15:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 23723
Ion Ratio Lower Upper
248 100
250 186.2 78.1 117.1#
141 489.6 53.7 80.5#

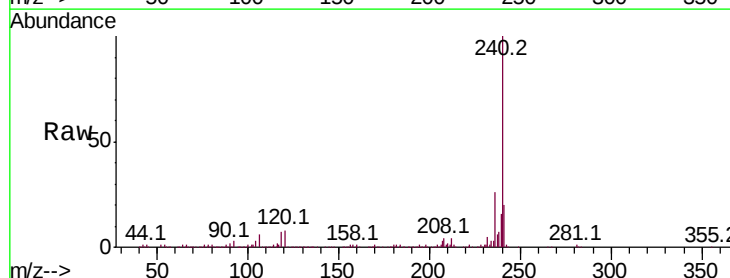


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

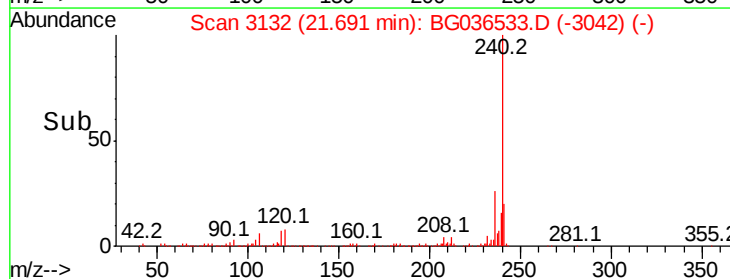
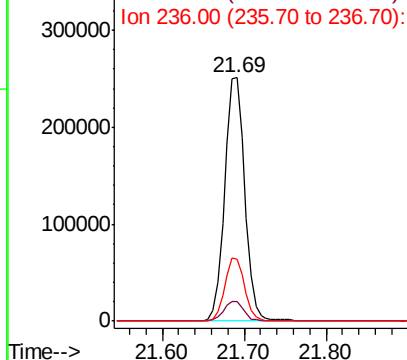


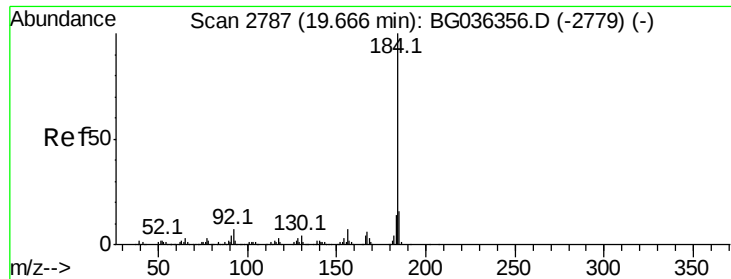
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG036533.D
Acq: 4 Sep 2018 15:52

Tgt Ion:240 Resp: 429483
Ion Ratio Lower Upper
240 100
120 8.0 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





#76

Benzidine

Concen: 2.117 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.38 min

Lab File: BG036533.D

Acq: 4 Sep 2018 15:52

Instrument :

BNA_G

ClientSampleId :

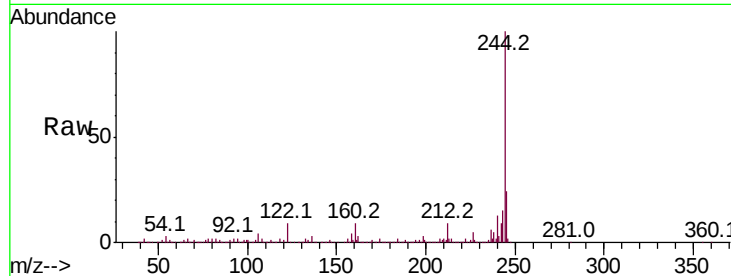
Tot Ion:184 Resp: 29009

Ion Ratio Lower Upper

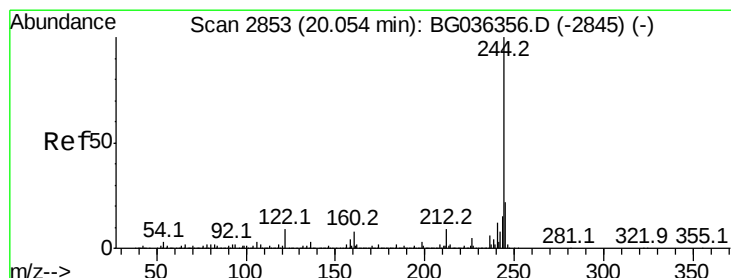
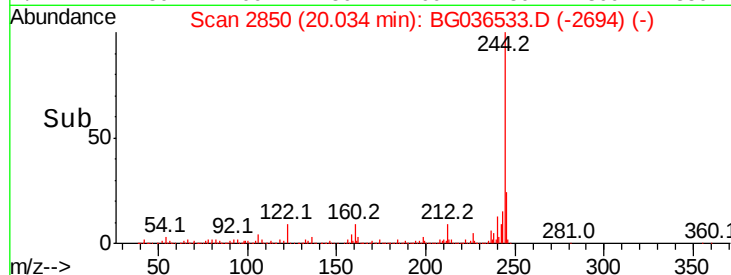
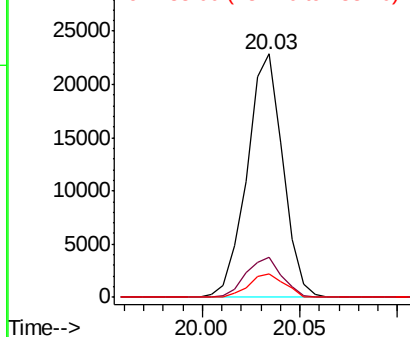
184 100

185 16.2 12.6 18.8

183 9.9 10.9 16.3#



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: 89.860 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036533.D

Acq: 4 Sep 2018 15:52

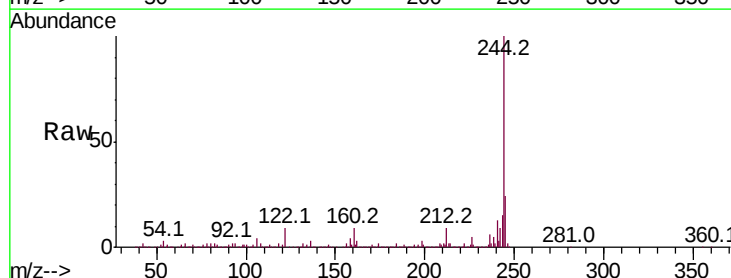
Tgt Ion:244 Resp: 1651165

Ion Ratio Lower Upper

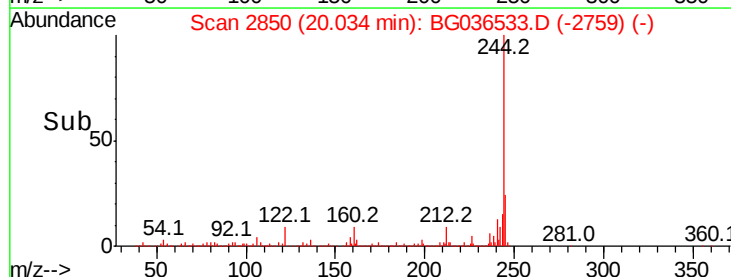
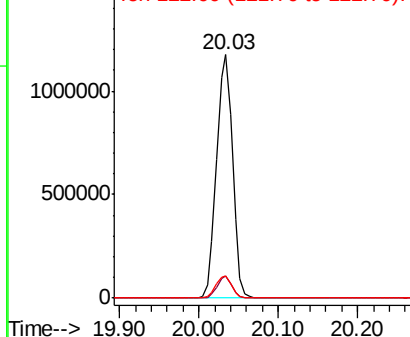
244 100

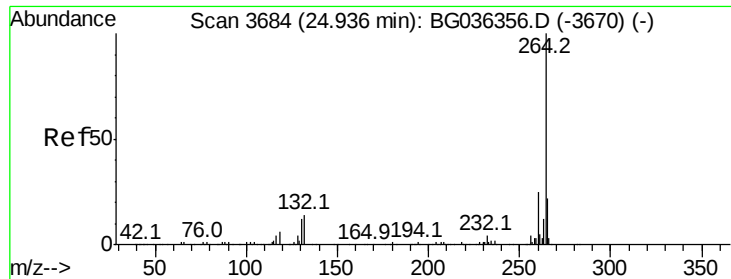
212 9.3 7.0 10.6

122 9.4 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

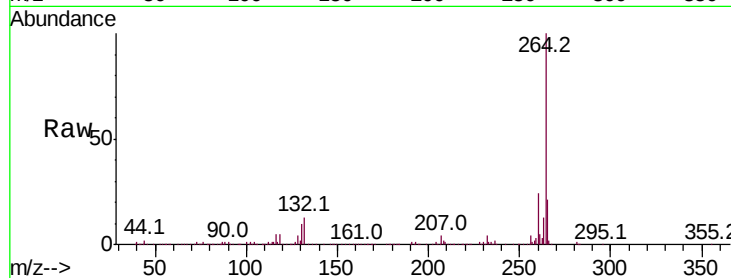




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036533.D
Acq: 4 Sep 2018 15:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.4	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

