

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036535.D
 Acq On : 4 Sep 2018 17:09
 Operator : JU/SJ
 Sample : J4756-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 05 02:28:32 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	62690	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	259022	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	166244	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	429150	20.00	ng	0.00
75) Chrysene-d12	21.69	240	454814	20.00	ng	0.00
86) Perylene-d12	24.90	264	450867	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	413809	104.71	ng	0.00
7) Phenol-d6	7.21	99	521858	92.23	ng	0.00
23) Nitrobenzene-d5	9.22	82	399196	83.62	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	263812	132.99	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	919409	78.97	ng	0.00
78) Terphenyl-d14	20.03	244	1590912	81.76	ng	0.00

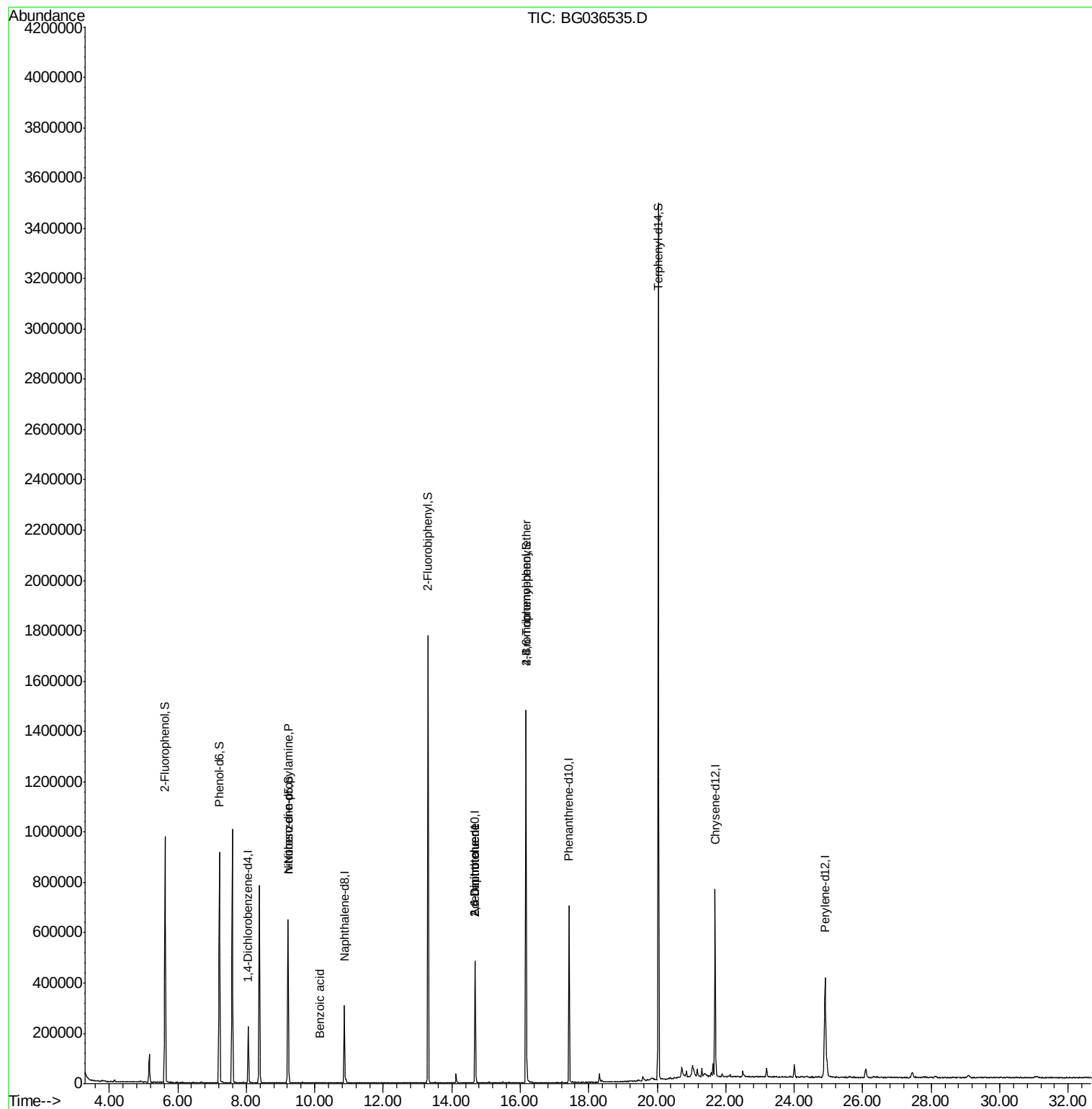
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	53252	12.593	ng	# 72
32) Benzoic acid	10.15	122	133	4.522	ng	# 45
50) 2,6-Dinitrotoluene	14.68	165	21320	7.633	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	21320	5.856	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	17854	3.553	ng	# 1

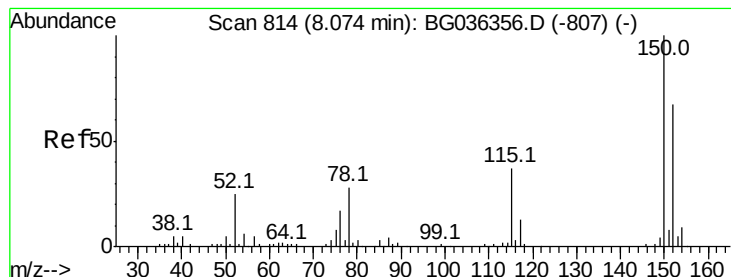
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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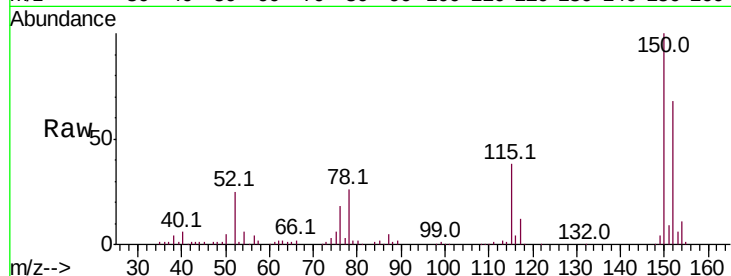


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036535.D
Acq: 4 Sep 2018 17:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	119.5	179.3
115	56.7	44.5	66.7

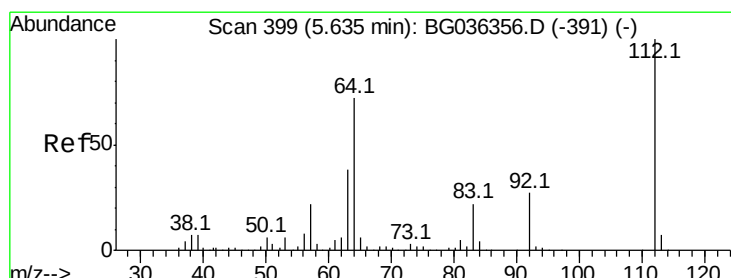
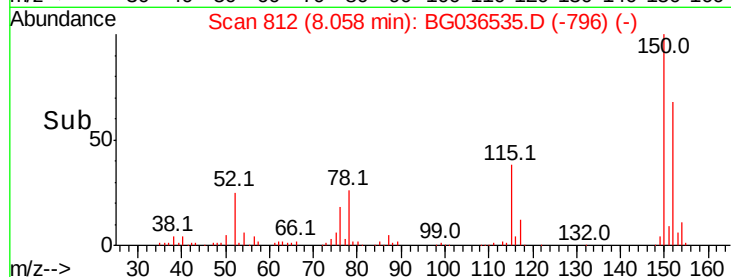
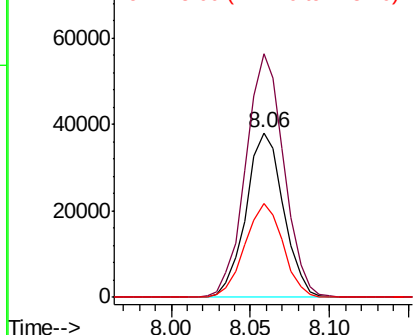


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

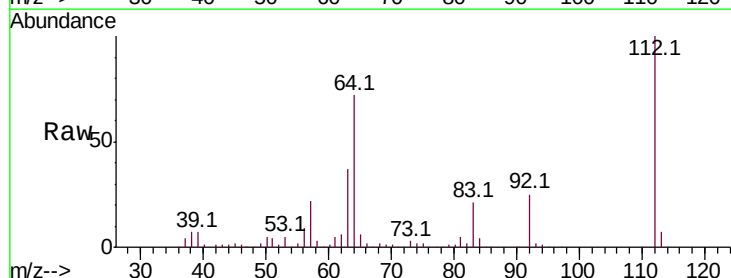
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.709 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036535.D
Acq: 4 Sep 2018 17:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.7	57.2	85.8
63	37.2	30.8	46.2

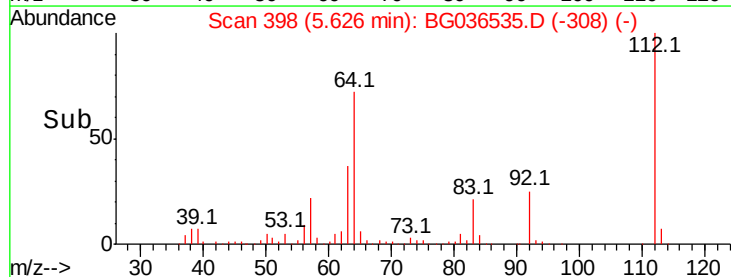
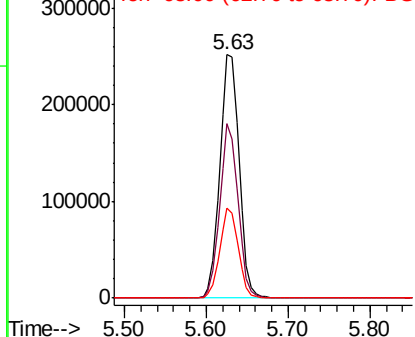


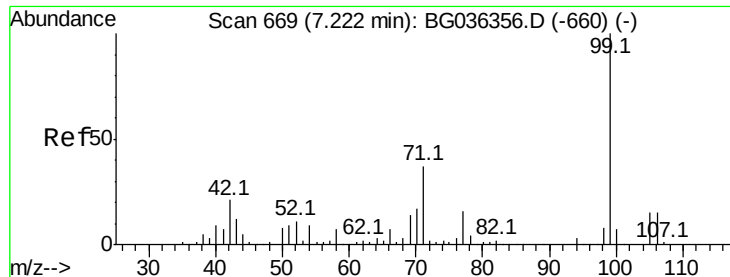
Abundance

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: 92.230 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036535.D

Acq: 4 Sep 2018 17:09

Instrument :

BNA_G

ClientSampleId :

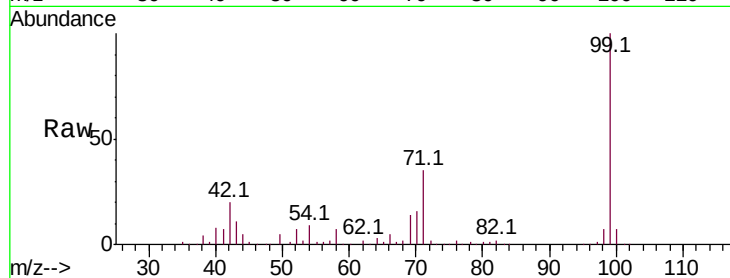
Tot Ion: 99 Resp: 521858

Ion Ratio Lower Upper

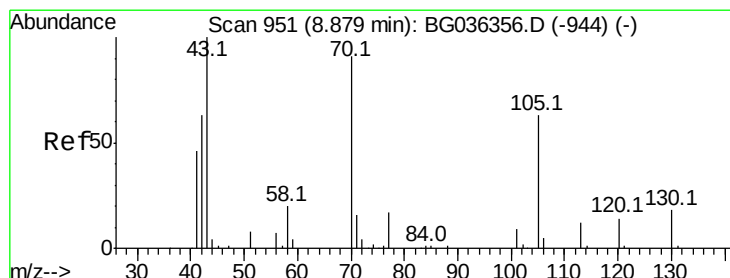
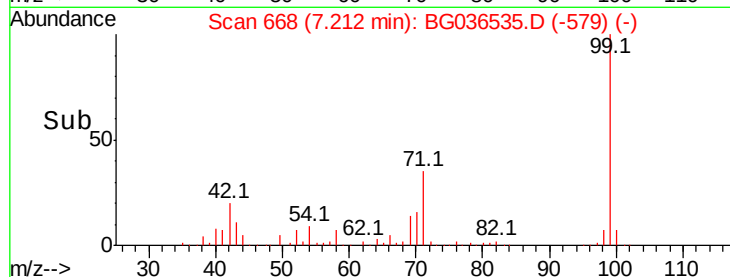
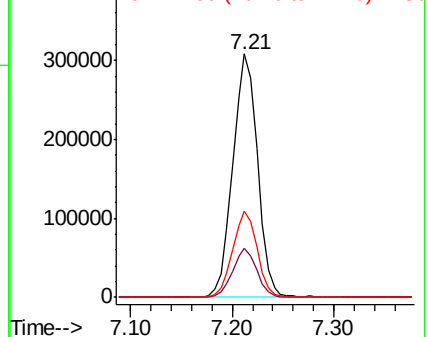
99 100

42 20.2 16.5 24.7

71 35.2 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: 12.593 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.36 min

Lab File: BG036535.D

Acq: 4 Sep 2018 17:09

Tgt Ion: 70 Resp: 53252

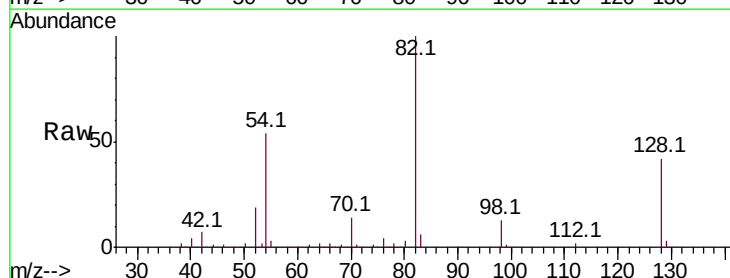
Ion Ratio Lower Upper

70 100

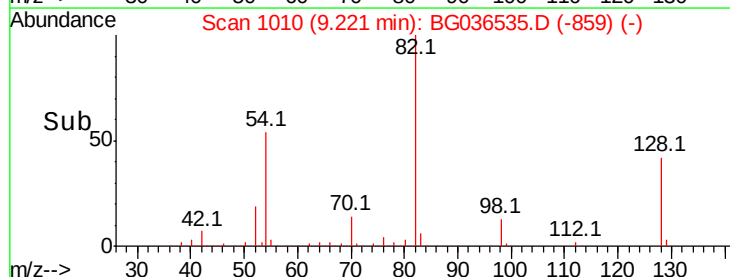
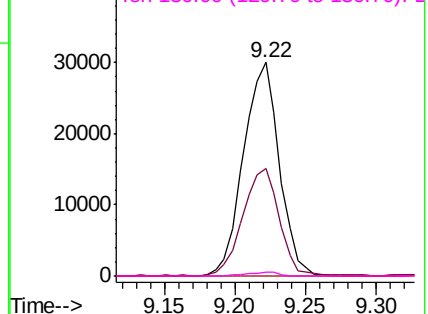
42 50.1 56.2 84.4#

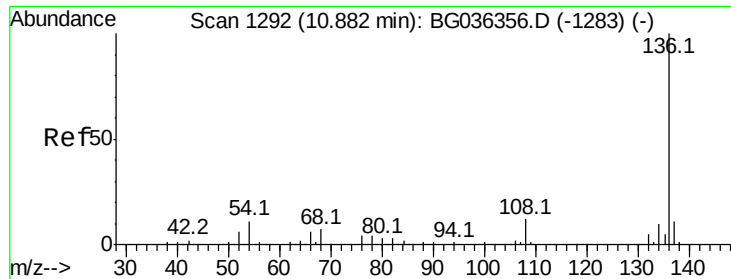
101 0.0 7.8 11.6#

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

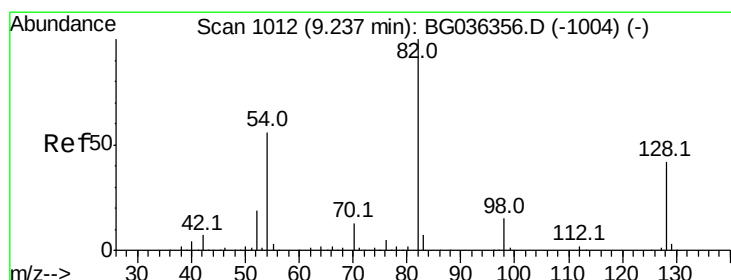
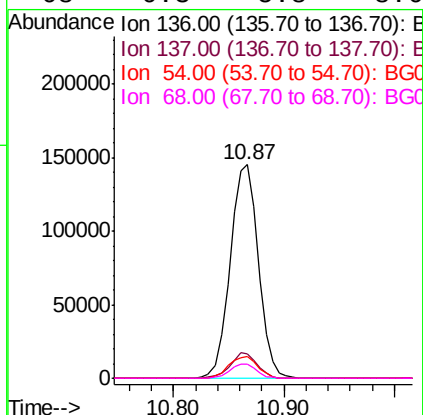
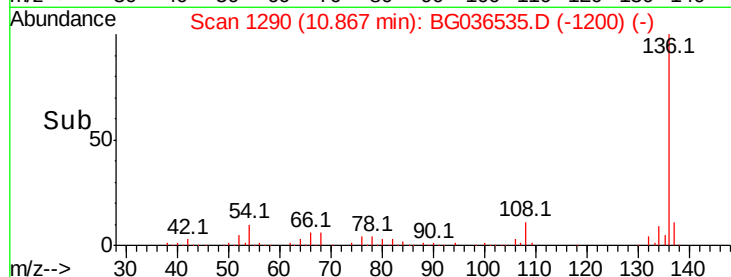
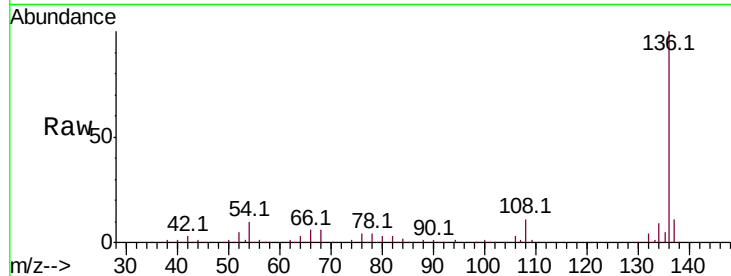




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG036535.D
Acq: 4 Sep 2018 17:09

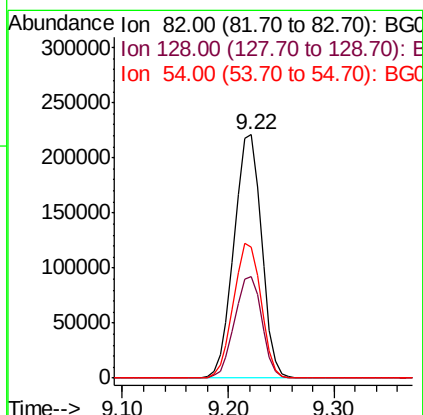
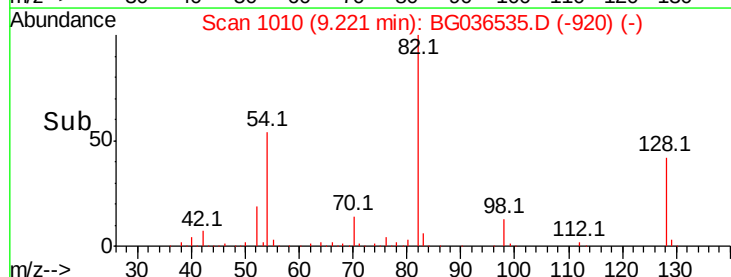
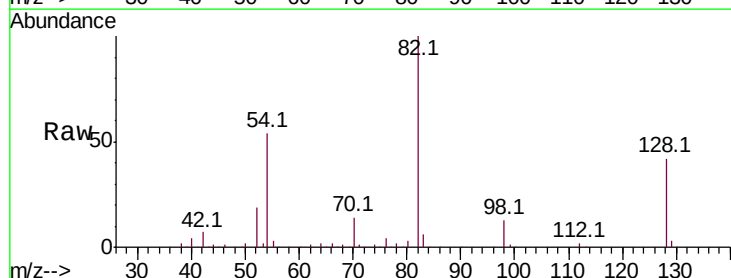
Instrument :
BNA_G
ClientSampleId :

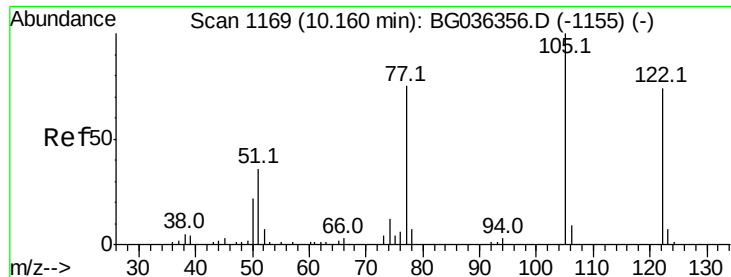
Tot Ion:136	Resp:	259022
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	10.3	9.2 13.8
68	6.3	5.8 8.6



#23
Nitrobenzene-d5
Concen: 83.619 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036535.D
Acq: 4 Sep 2018 17:09

Tgt Ion: 82	Resp:	399196
Ion Ratio	Lower	Upper
82	100	
128	41.6	33.3 49.9
54	54.0	45.1 67.7

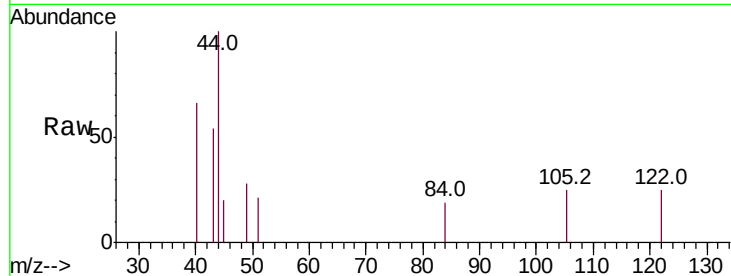




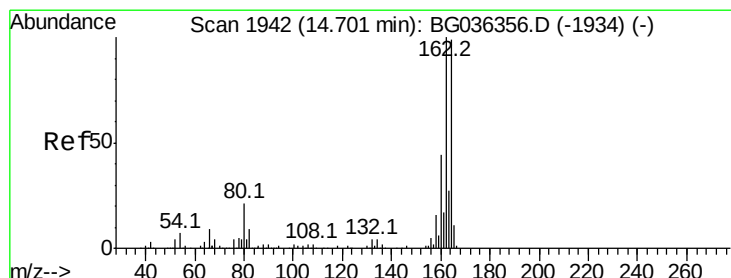
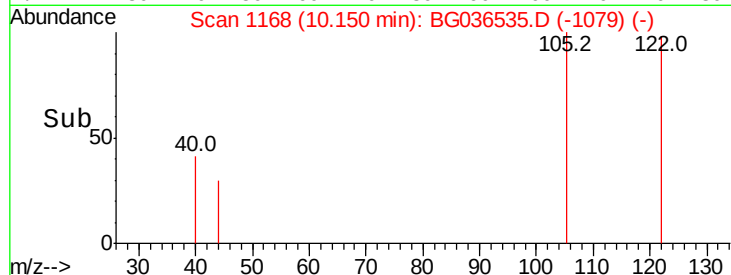
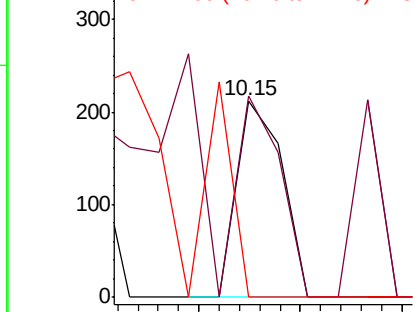
#32
Benzoic acid
Concen: 4.522 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG036535.D
Acq: 4 Sep 2018 17:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 133
Ion Ratio Lower Upper
122 100
105 102.4 108.1 148.1#
77 0.0 76.3 116.3#

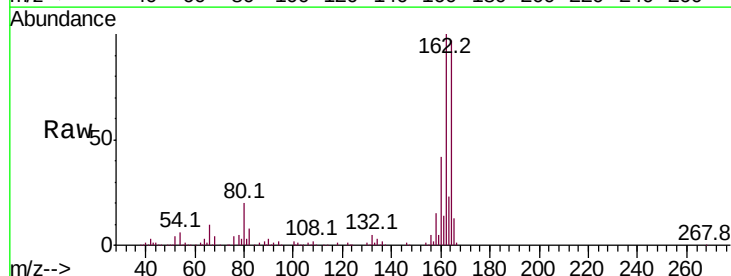


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

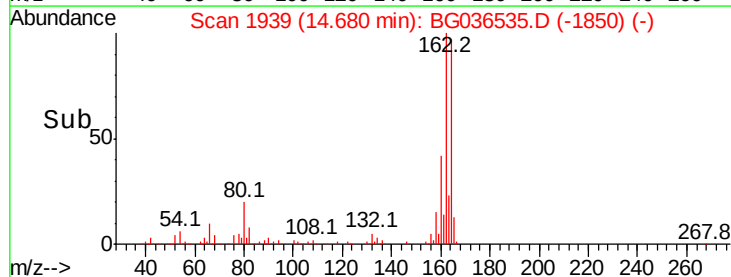
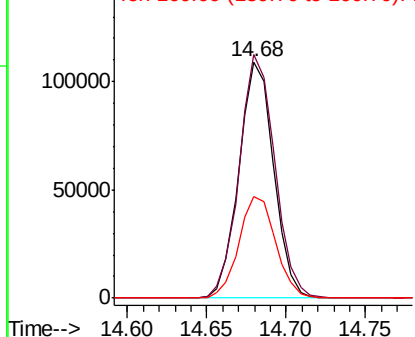


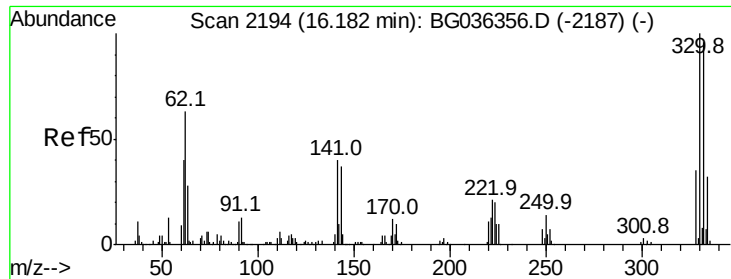
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036535.D
Acq: 4 Sep 2018 17:09

Tgt Ion:164 Resp: 166244
Ion Ratio Lower Upper
164 100
162 102.9 80.7 121.1
160 42.9 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

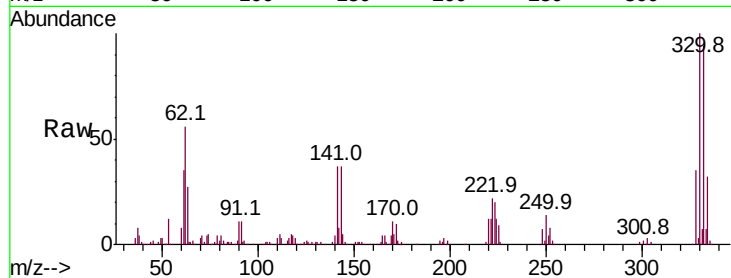




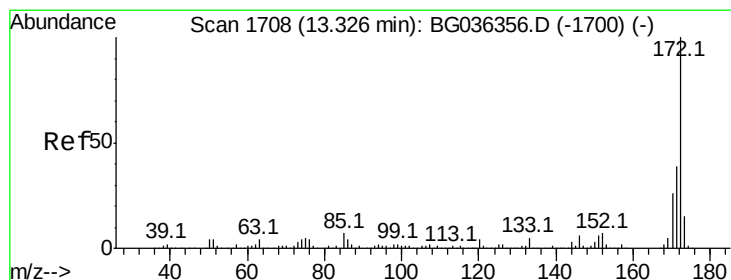
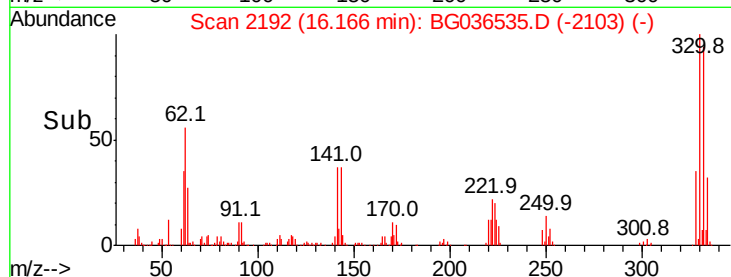
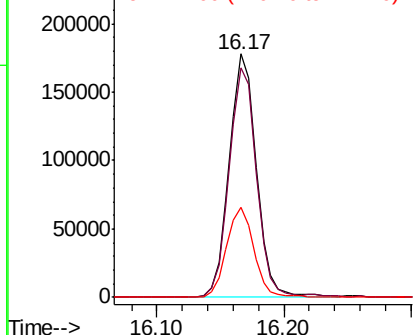
#41
 2,4,6-Tribromophenol
 Concen: 132.992 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036535.D
 Acq: 4 Sep 2018 17:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.4	113.2
141	37.3	30.7	46.1

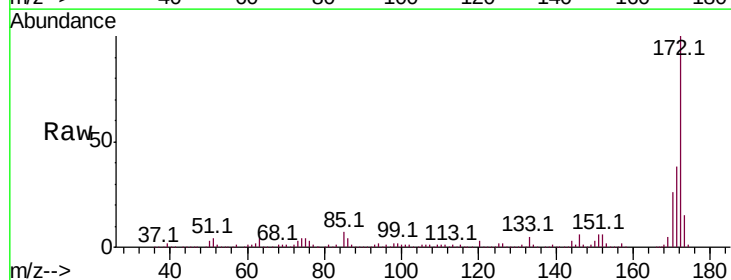


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

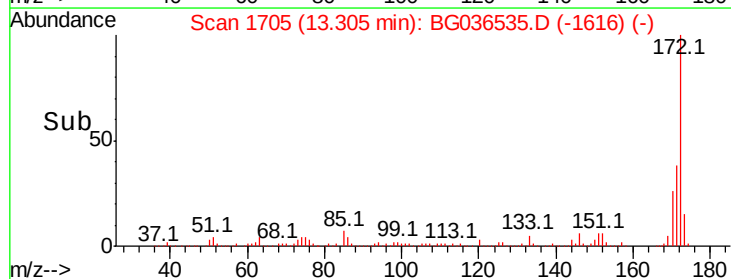
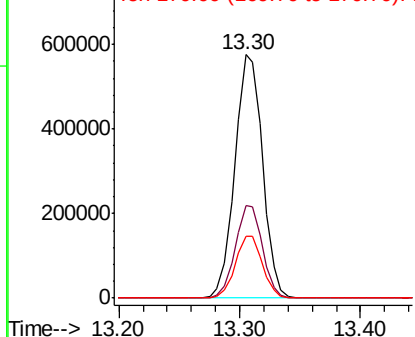


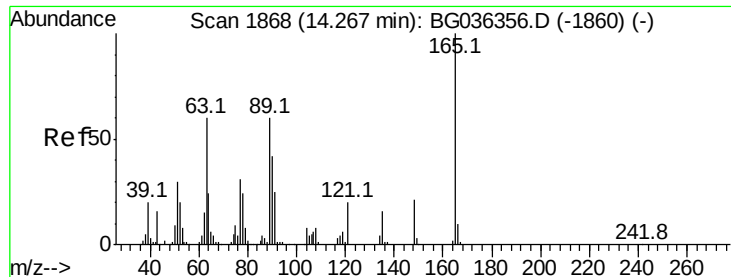
#44
 2-Fluorobiphenyl
 Concen: 78.965 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036535.D
 Acq: 4 Sep 2018 17:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.6	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

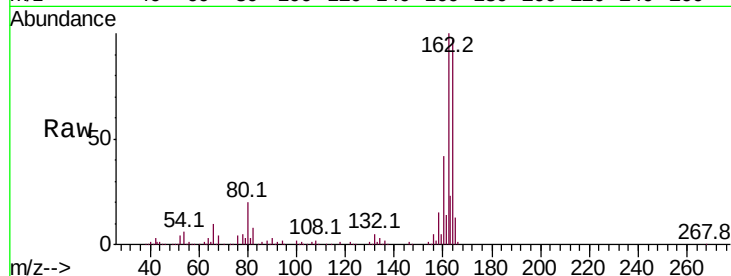




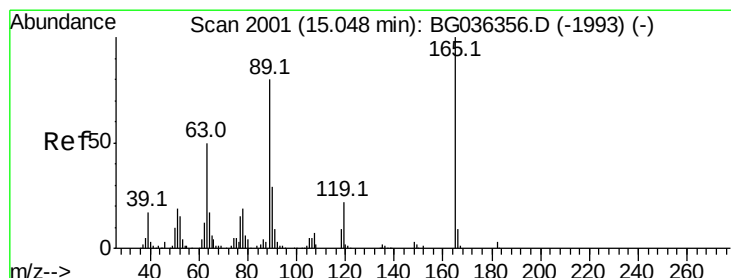
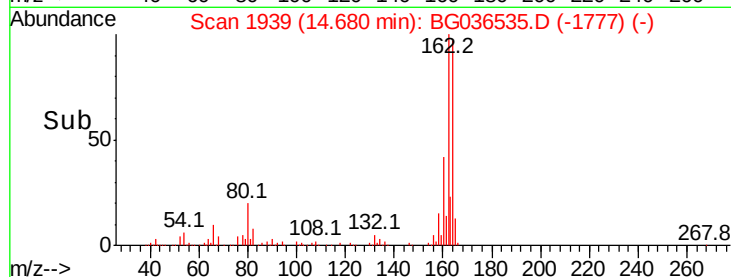
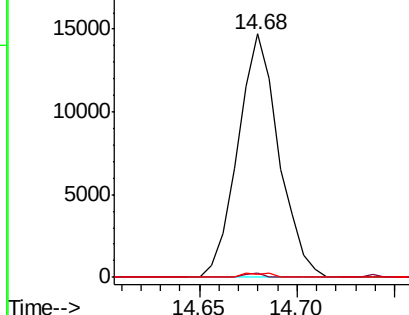
#50
2,6-Dinitrotoluene
Concen: 7.633 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.42 min
Lab File: BG036535.D
Acq: 4 Sep 2018 17:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	50.1	75.1#
89	1.1	47.8	71.6#

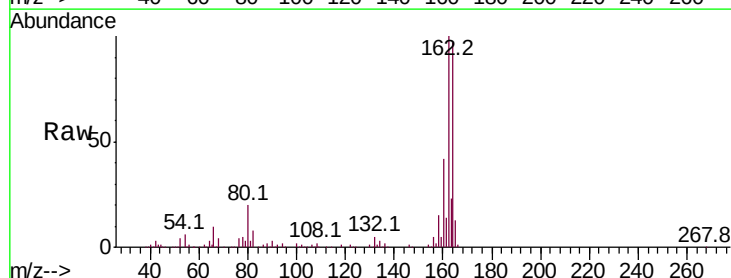


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

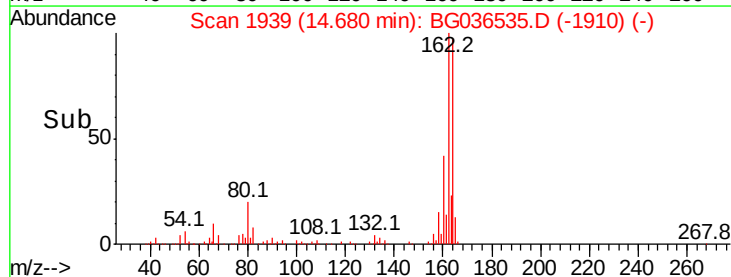
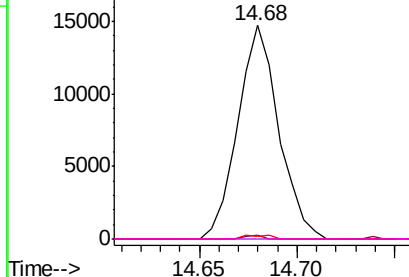


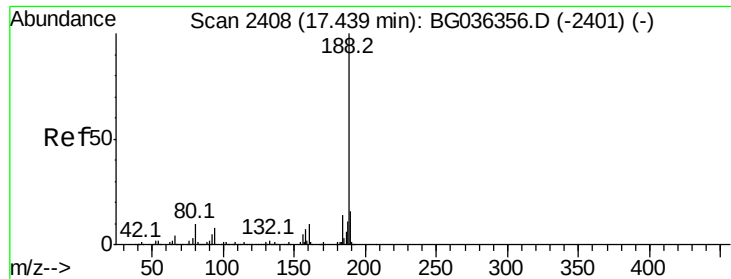
#56
2,4-Dinitrotoluene
Concen: 5.856 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG036535.D
Acq: 4 Sep 2018 17:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.1	60.1#
89	1.1	63.7	95.5#
182	0.0	2.5	3.7#



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: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BG036535.D

Acq: 4 Sep 2018 17:09

Instrument :

BNA_G

ClientSampleId :

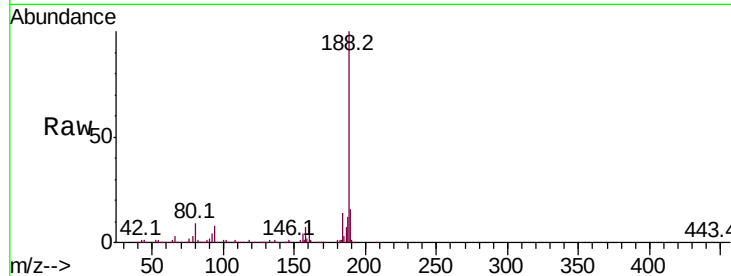
Tot Ion:188 Resp: 429150

Ion Ratio Lower Upper

188 100

94 7.6 6.7 10.1

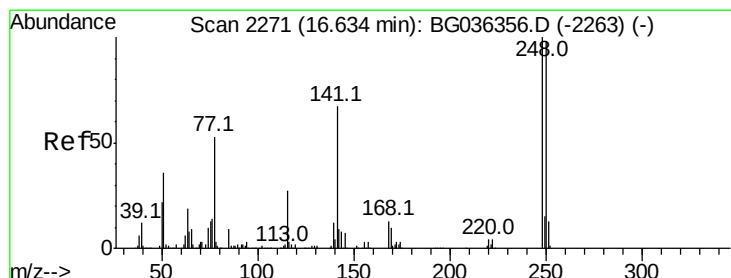
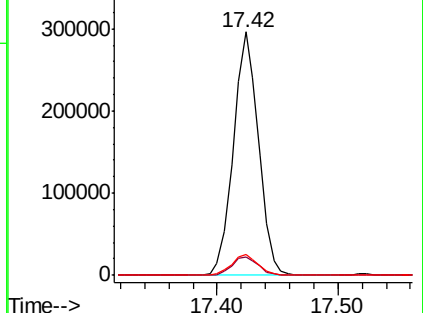
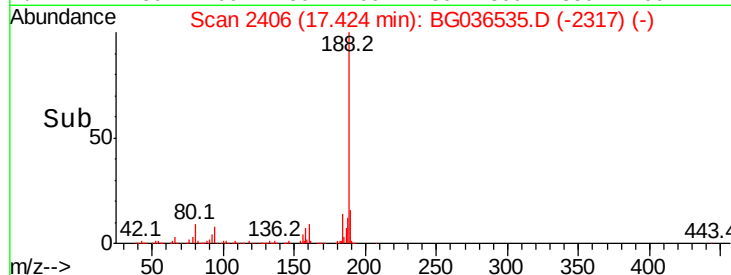
80 8.7 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 3.553 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.45 min

Lab File: BG036535.D

Acq: 4 Sep 2018 17:09

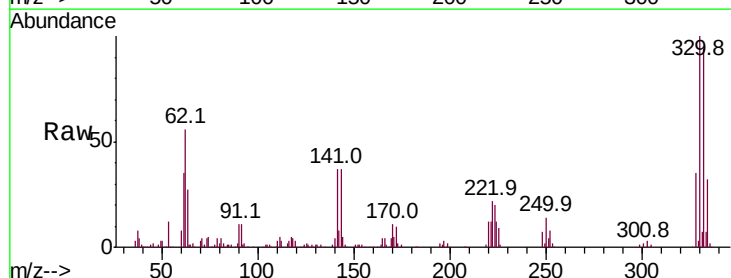
Tgt Ion:248 Resp: 17854

Ion Ratio Lower Upper

248 100

250 205.2 78.1 117.1#

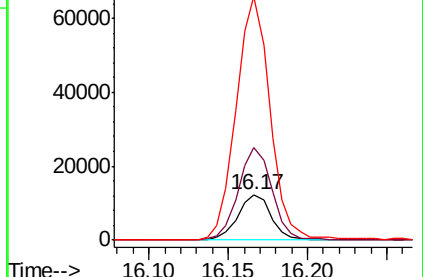
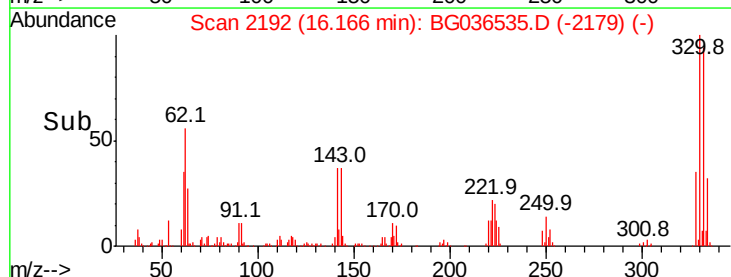
141 536.2 53.7 80.5#

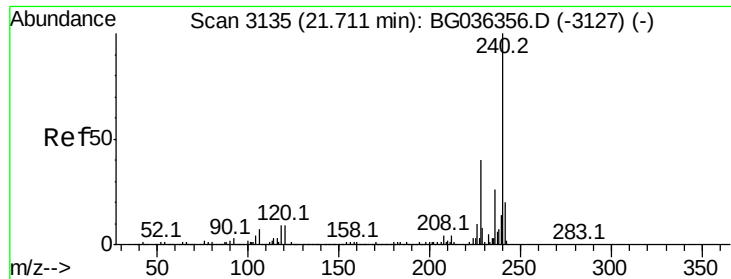


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.69 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG036535.D

Acq: 4 Sep 2018 17:09

Instrument :

BNA_G

ClientSampleId :

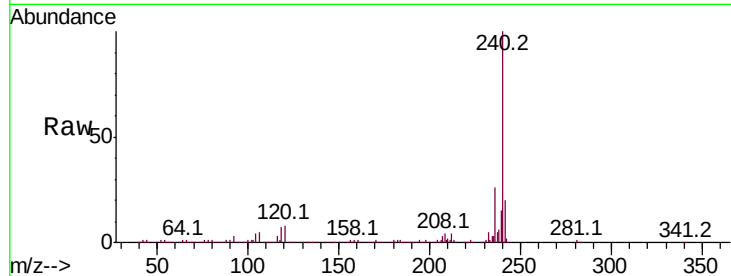
Tot Ion:240 Resp: 454814

Ion Ratio Lower Upper

240 100

120 7.6 6.9 10.3

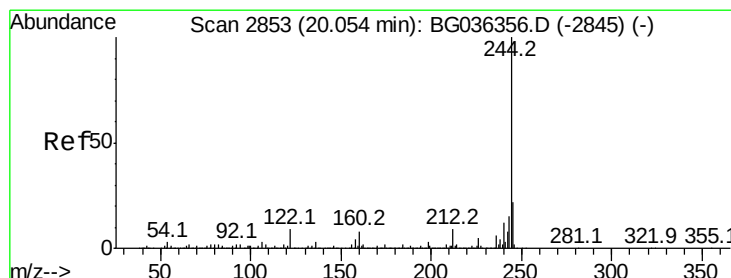
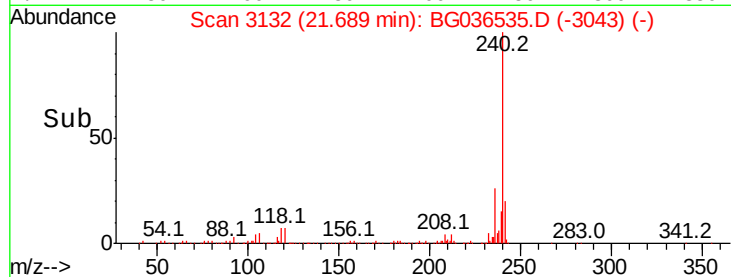
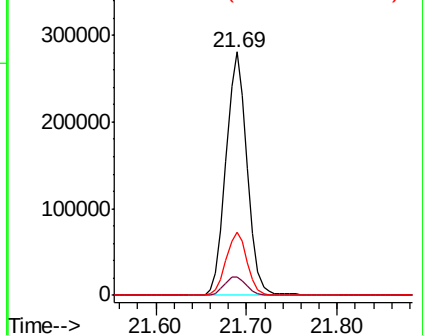
236 25.9 21.2 31.8



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: 81.759 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036535.D

Acq: 4 Sep 2018 17:09

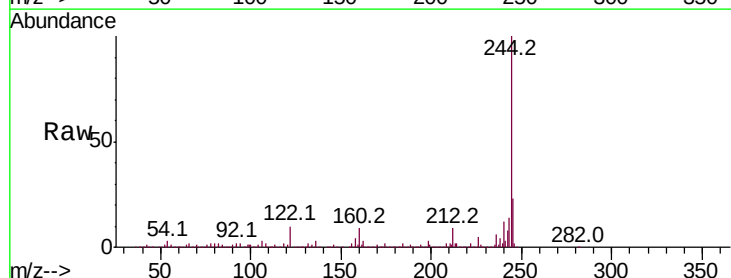
Tgt Ion:244 Resp: 1590912

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

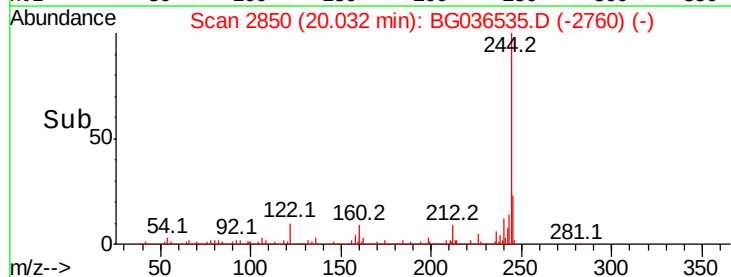
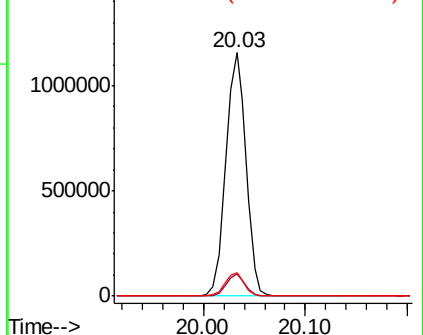
122 9.5 7.1 10.7

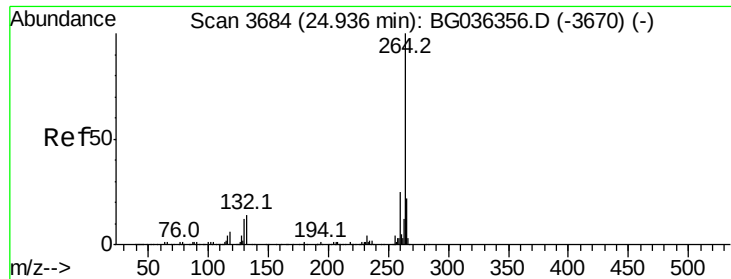


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min
Lab File: BG036535.D
Acq: 4 Sep 2018 17:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	22.1	17.4	26.0

