

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036716.D
 Acq On : 14 Sep 2018 21:58
 Operator : JU/SJ
 Sample : J4892-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 02:12:04 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

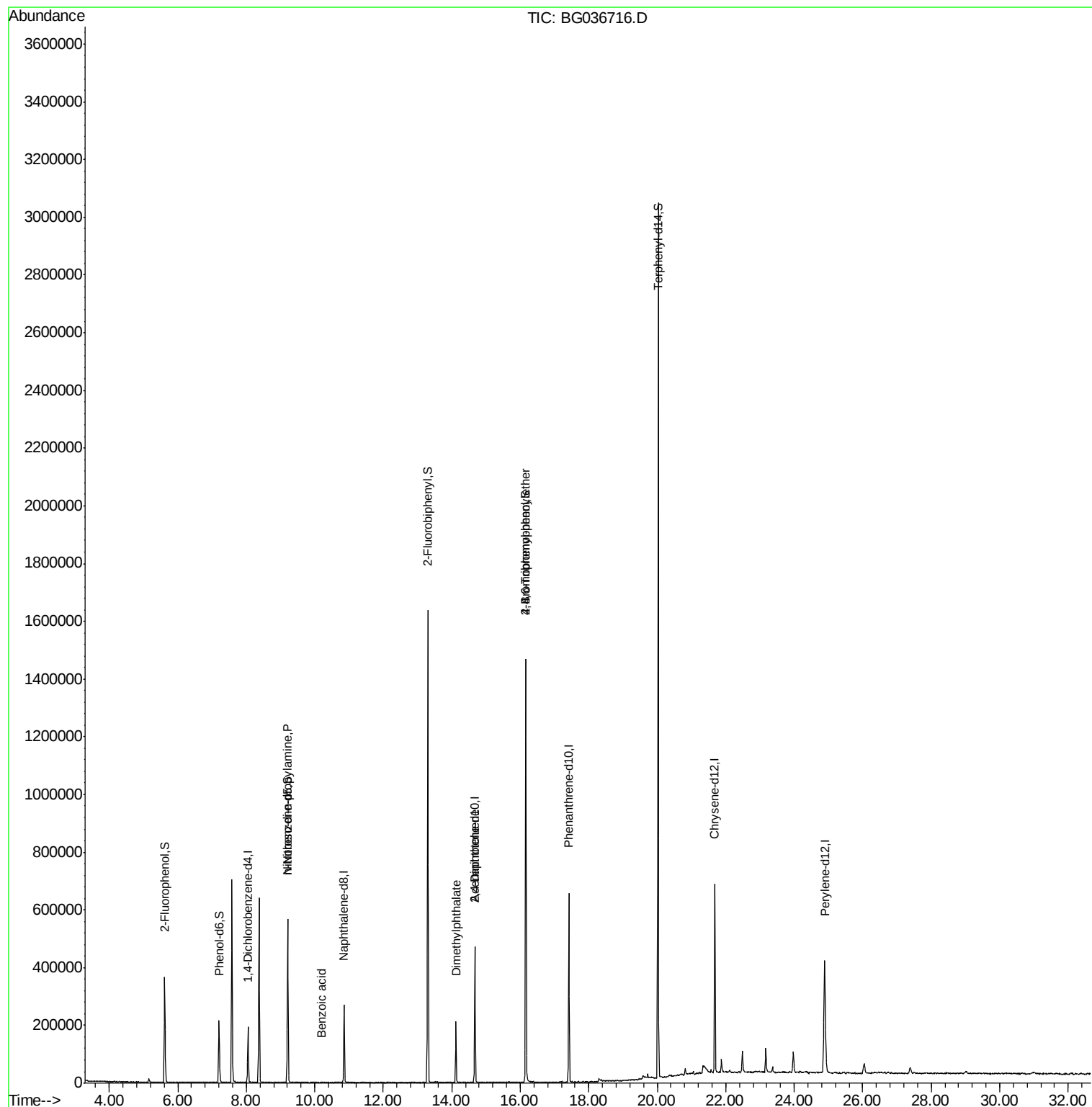
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54360	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	225133	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	160851	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	415572	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	405820	20.00	ng	-0.02
86) Perylene-d12	24.89	264	412805	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	152336	44.45	ng	0.00
7) Phenol-d6	7.21	99	128876	26.27	ng	-0.01
23) Nitrobenzene-d5	9.21	82	350809	84.54	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	277460	144.56	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	840988	74.65	ng	-0.01
78) Terphenyl-d14	20.03	244	1445655	83.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	45886	12.514	ng	# 70
32) Benzoic acid	10.20	122	56	4.500	ng	# 1
49) Dimethylphthalate	14.12	163	144045	10.967	ng	100
56) 2,4-Dinitrotoluene	14.67	165	19271	5.471	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	20058	4.122	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036716.D
Acq On : 14 Sep 2018 21:58
Operator : JU/SJ
Sample : J4892-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 15 02:12:04 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



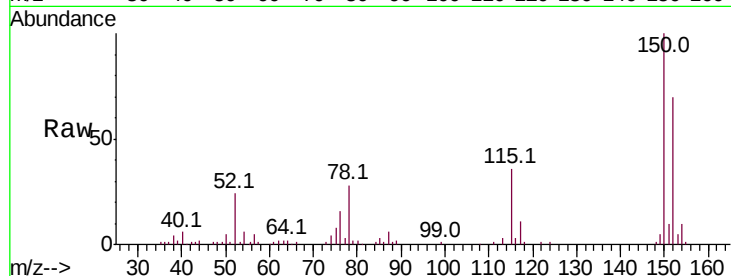


#1

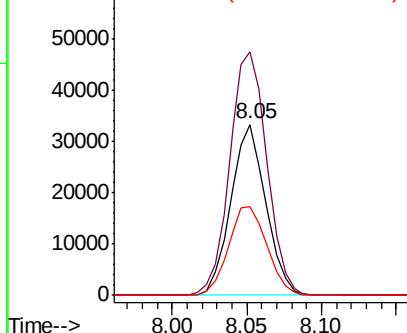
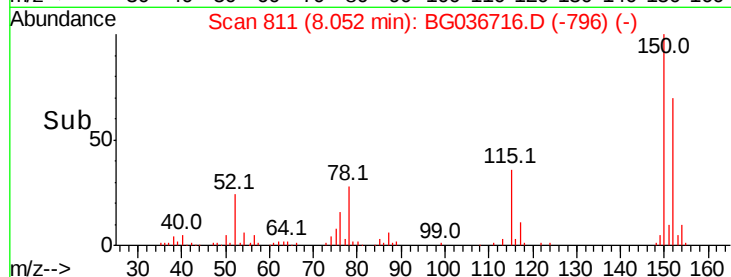
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036716.D
 Acq: 14 Sep 2018 21:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.7	119.5	179.3
115	51.9	44.5	66.7



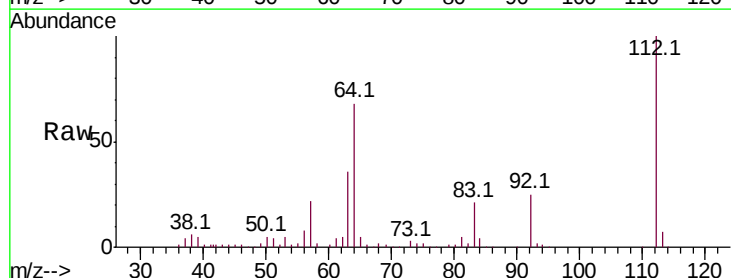
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



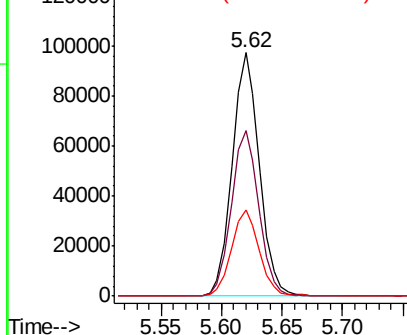
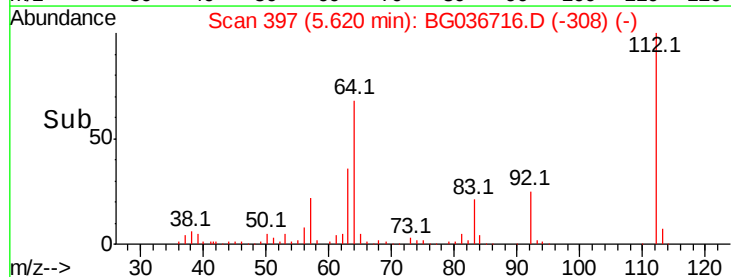
#5

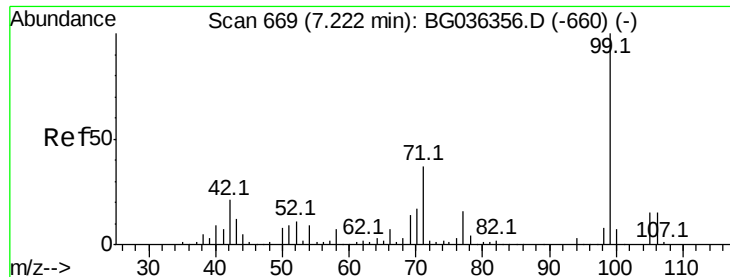
2-Fluorophenol
 Concen: 44.454 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036716.D
 Acq: 14 Sep 2018 21:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	57.2	85.8
63	35.5	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: 26.267 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036716.D

Acq: 14 Sep 2018 21:58

Instrument :

BNA_G

ClientSampled :

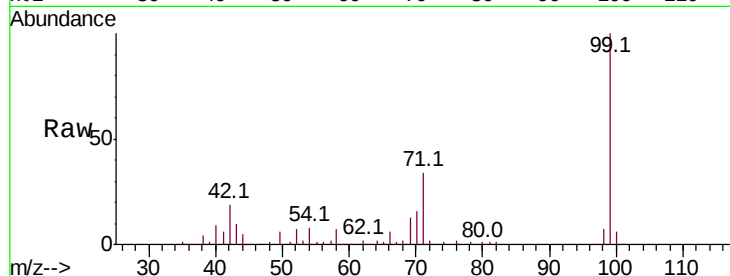
Tot Ion: 99 Resp: 128876

Ion Ratio Lower Upper

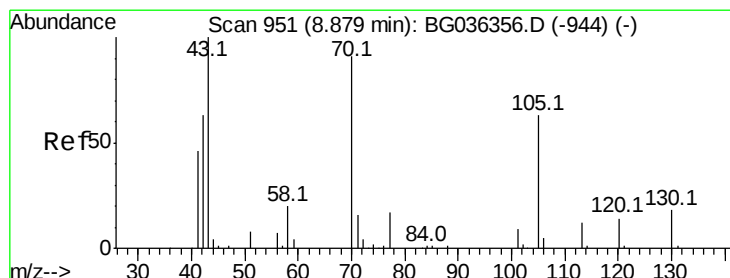
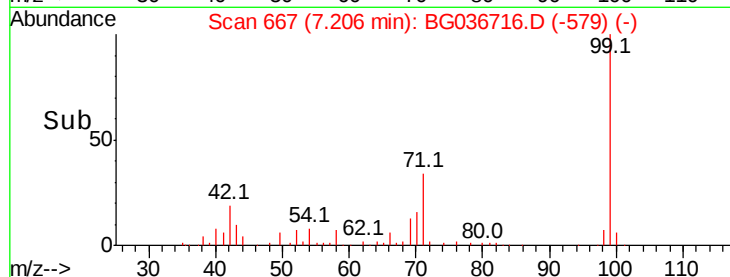
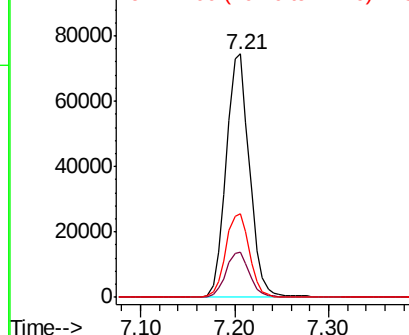
99 100

42 18.6 16.5 24.7

71 34.3 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: 12.514 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036716.D

Acq: 14 Sep 2018 21:58

Tgt Ion: 70 Resp: 45886

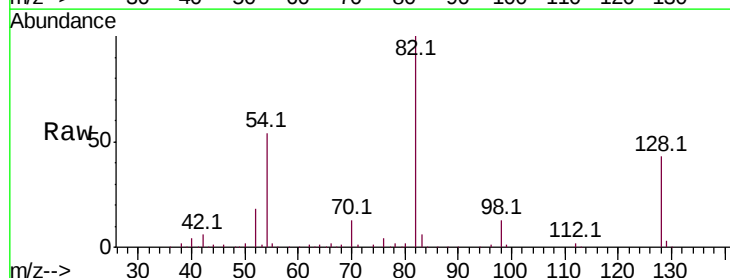
Ion Ratio Lower Upper

70 100

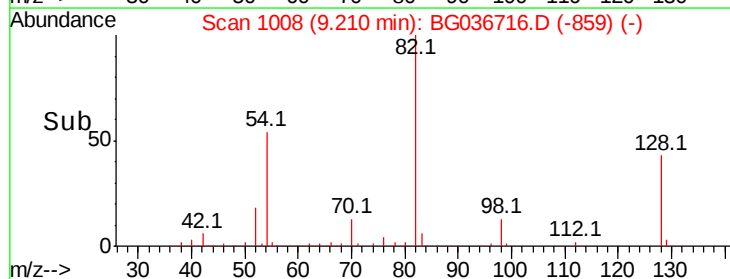
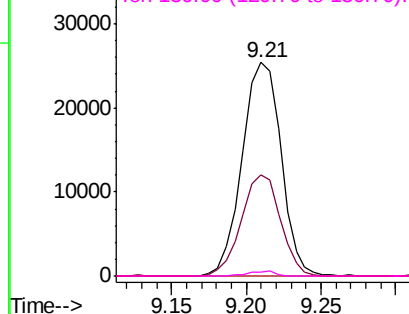
42 47.2 56.2 84.4#

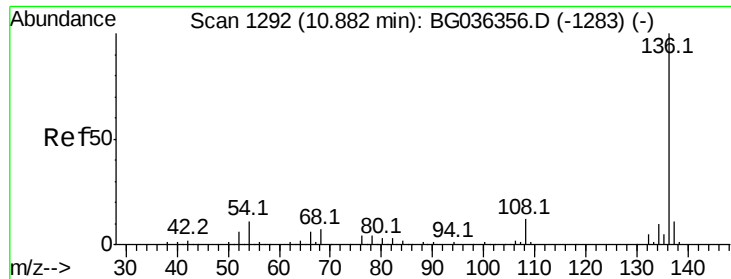
101 0.0 7.8 11.6#

130 2.1 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

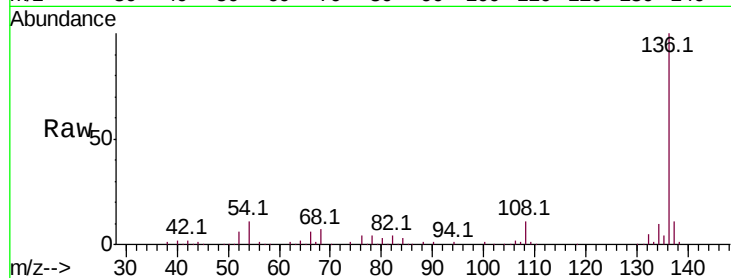




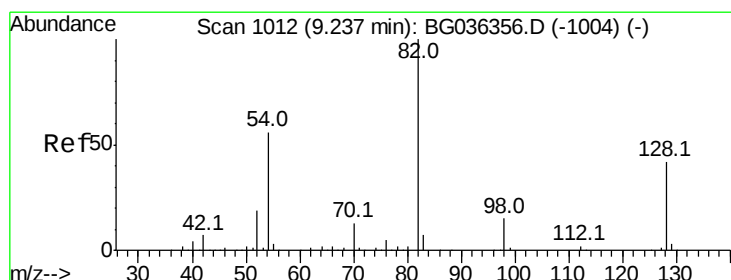
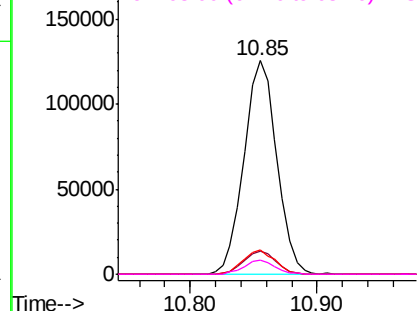
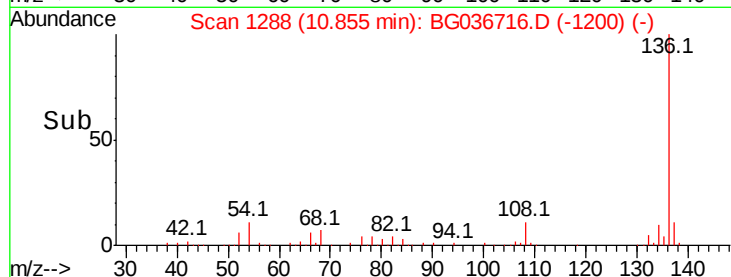
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036716.D
Acq: 14 Sep 2018 21:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	225133
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.3	9.2	13.8
68	6.6	5.8	8.6

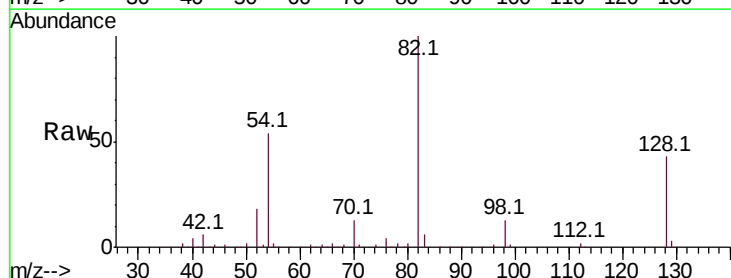


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

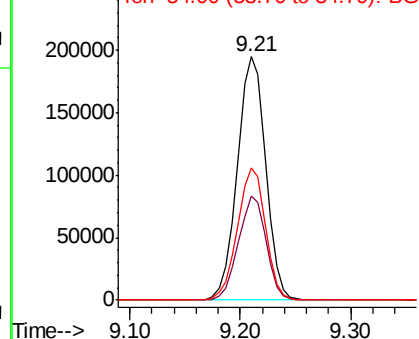
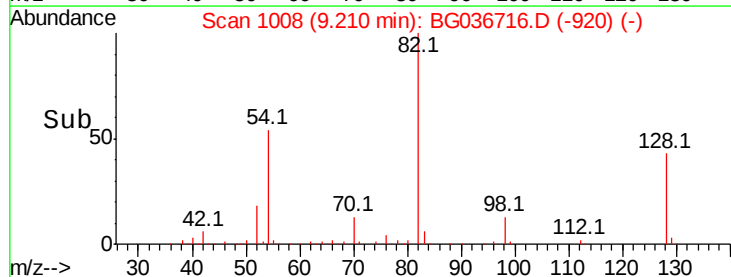


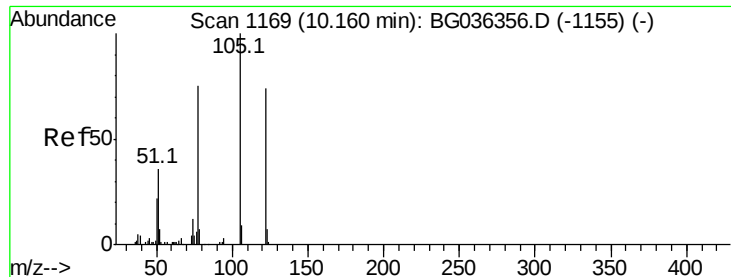
#23
Nitrobenzene-d5
Concen: 84.544 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036716.D
Acq: 14 Sep 2018 21:58

Tgt Ion:	82	Resp:	350809
Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.3	49.9
54	54.3	45.1	67.7



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

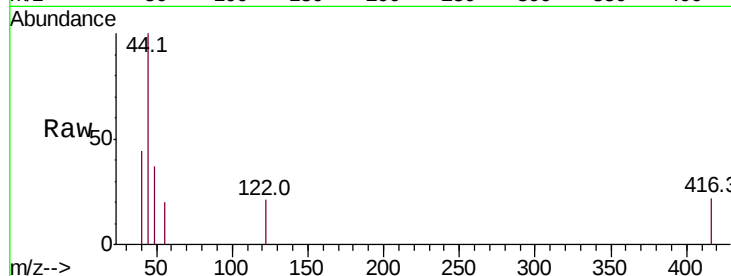




#32
Benzoic acid
Concen: 4.500 ng
RT: 10.20 min Scan# 1176
Delta R.T. 0.04 min
Lab File: BG036716.D
Acq: 14 Sep 2018 21:58

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.1	148.1#
77	0.0	76.3	116.3#

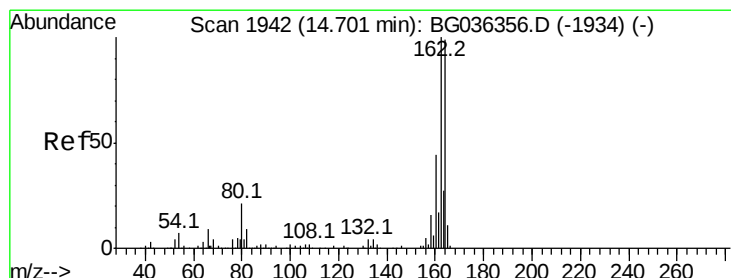
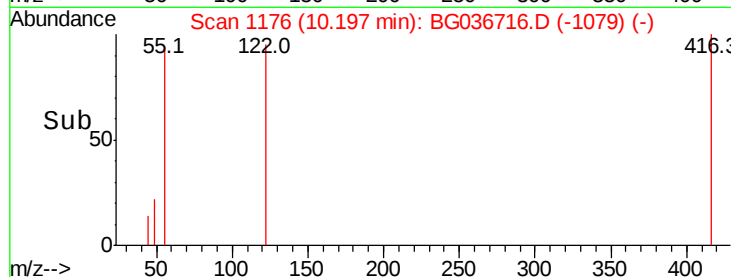
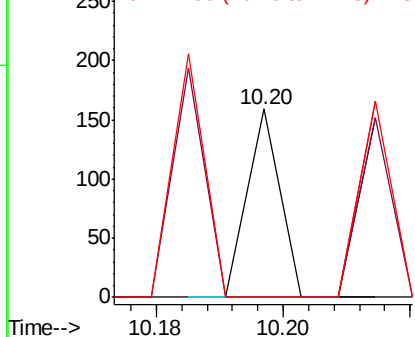


Abundance

Ion 122.00 (121.70 to 122.70): E

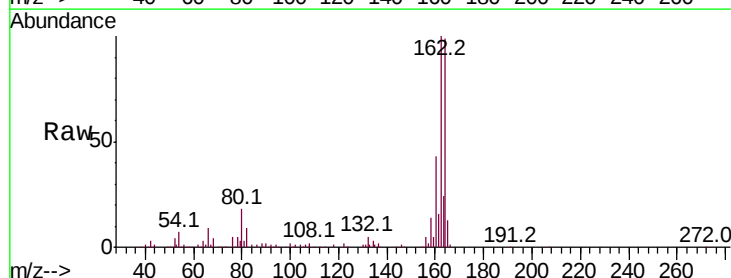
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036716.D
Acq: 14 Sep 2018 21:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.7	121.1
160	43.3	35.3	52.9

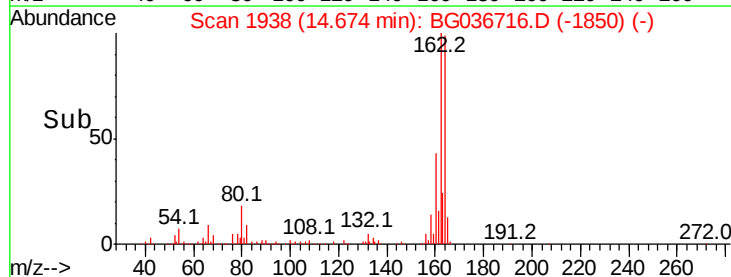
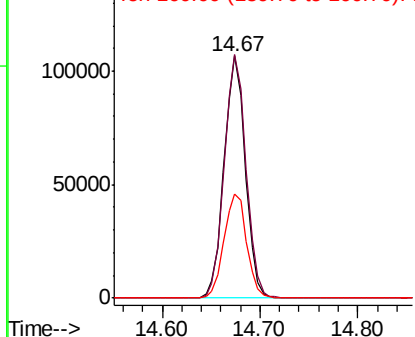


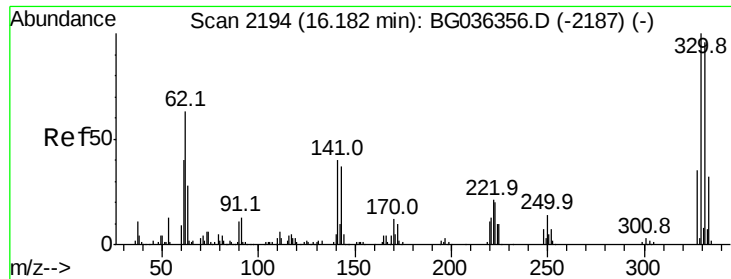
Abundance

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

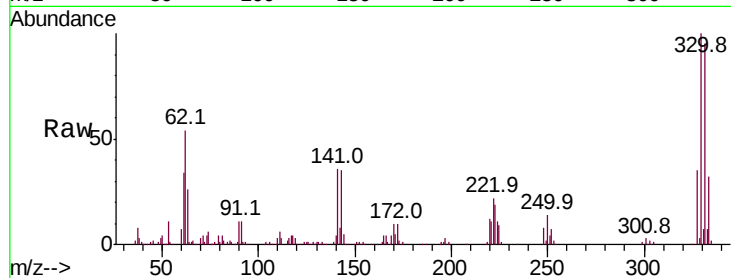




#41
 2,4,6-Tribromophenol
 Concen: 144.562 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036716.D
 Acq: 14 Sep 2018 21:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.4	113.2
141	35.6	30.7	46.1

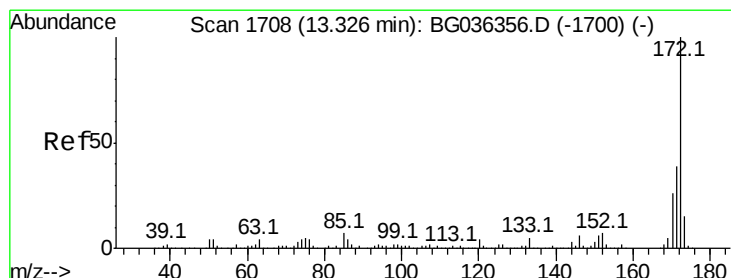
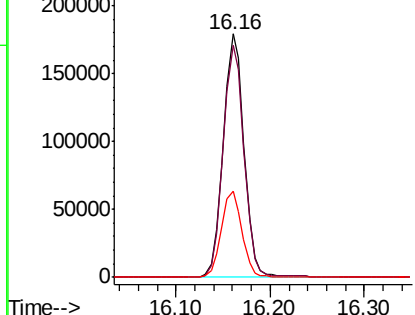
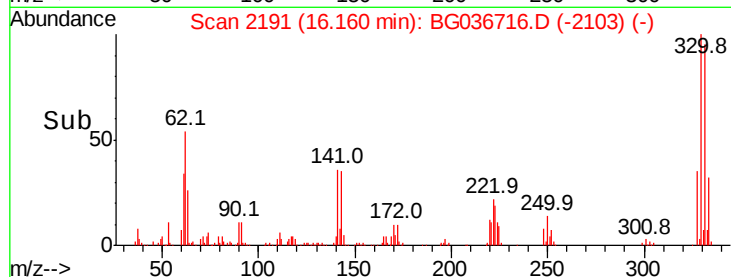


Abundance

Ion 329.80 (329.50 to 330.50): E

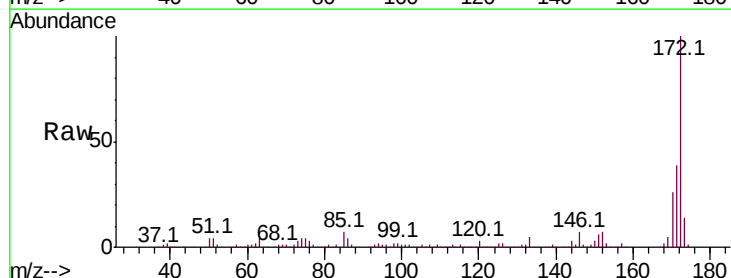
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.652 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036716.D
 Acq: 14 Sep 2018 21:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.3	46.9
170	25.8	21.0	31.6

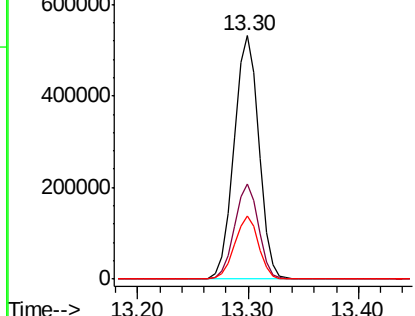
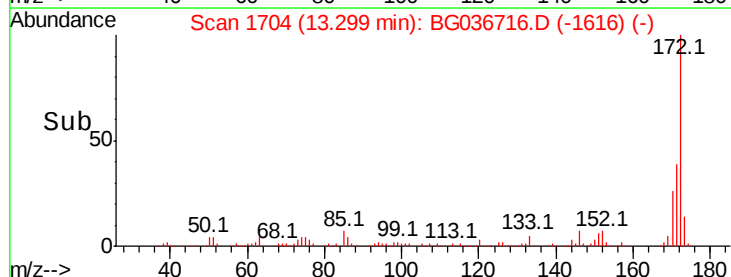


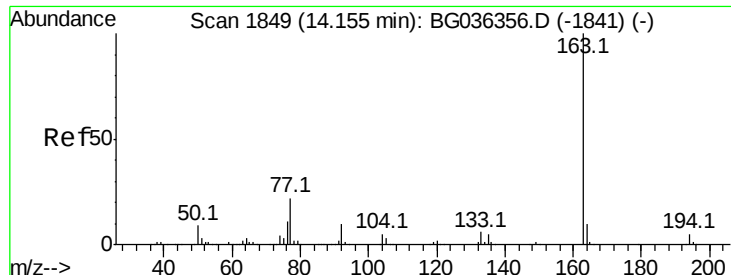
Abundance

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

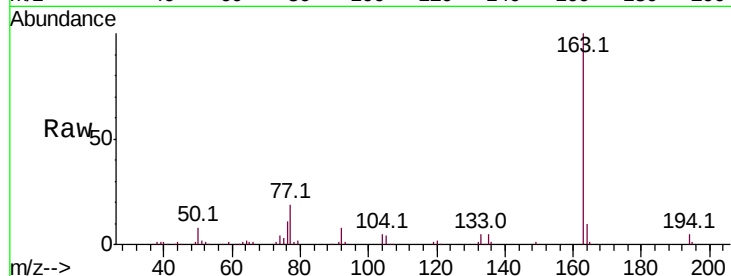




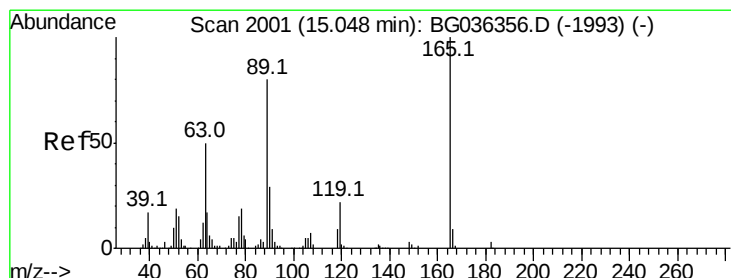
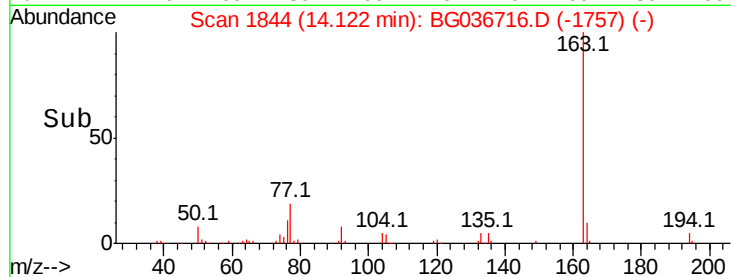
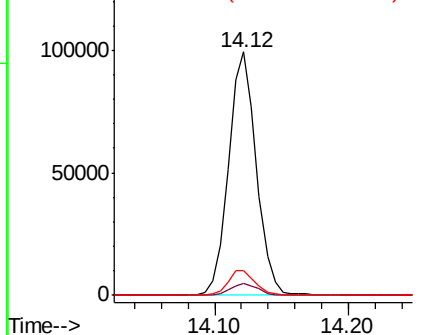
#49
Dimethylphthalate
Concen: 10.967 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036716.D
Acq: 14 Sep 2018 21:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.0	6.0
164	9.9	8.1	12.1

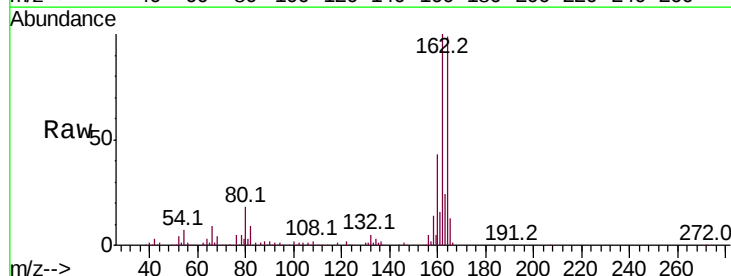


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

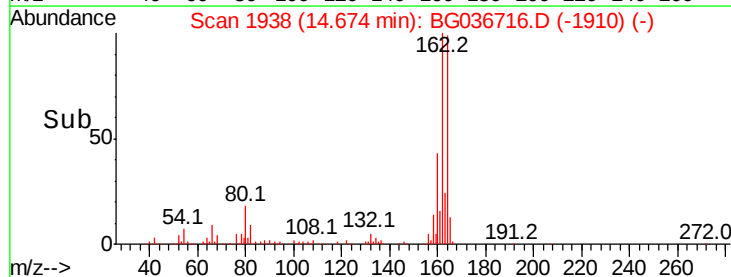
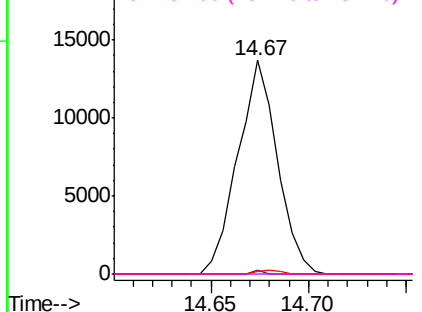


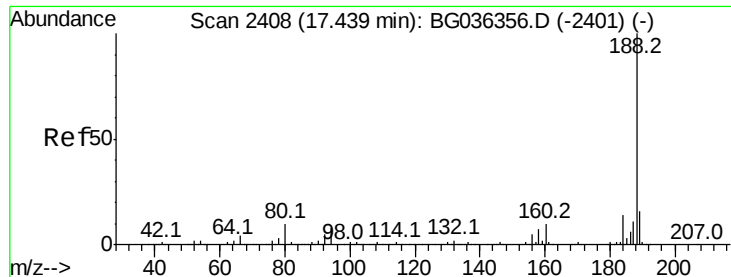
#56
2,4-Dinitrotoluene
Concen: 5.471 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036716.D
Acq: 14 Sep 2018 21:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.1	60.1#
89	1.4	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# 2405

Delta R.T. -0.01 min

Lab File: BG036716.D

Acq: 14 Sep 2018 21:58

Instrument :

BNA_G

ClientSampleId :

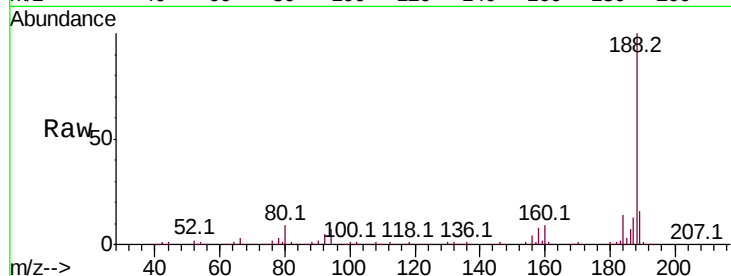
Tot Ion:188 Resp: 415572

Ion Ratio Lower Upper

188 100

94 7.1 6.7 10.1

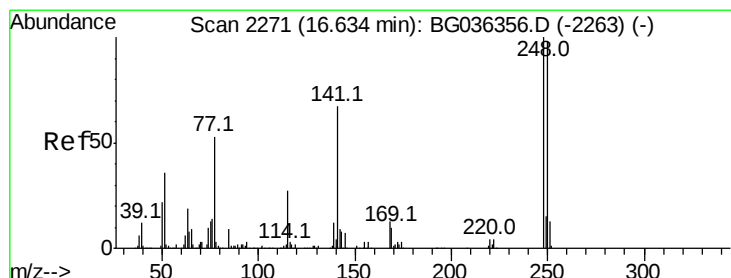
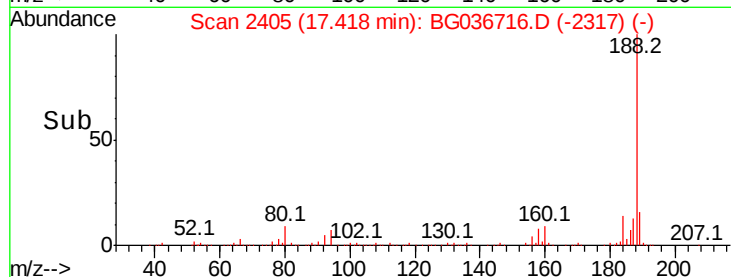
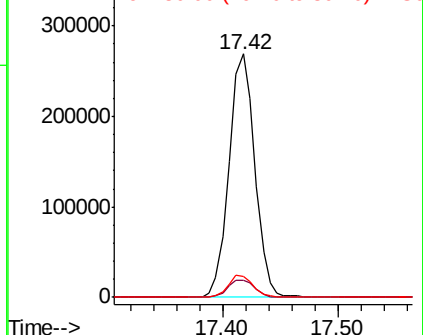
80 8.8 8.1 12.1



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



#66

4-Bromophenyl-phenylether

Concen: 4.122 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.46 min

Lab File: BG036716.D

Acq: 14 Sep 2018 21:58

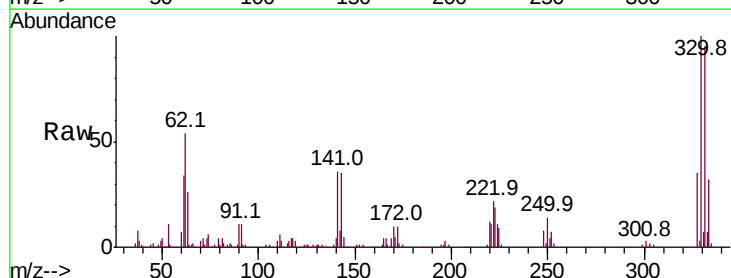
Tgt Ion:248 Resp: 20058

Ion Ratio Lower Upper

248 100

250 182.0 78.1 117.1#

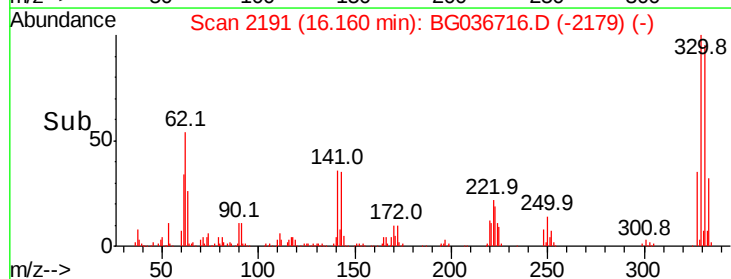
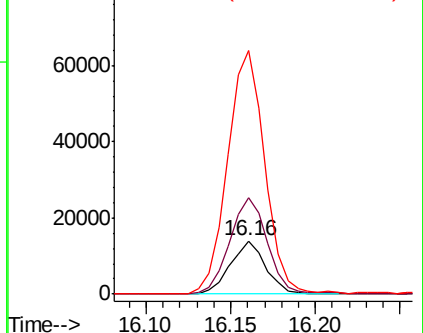
141 458.1 53.7 80.5#

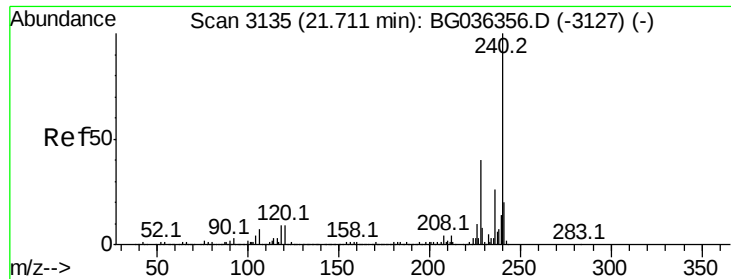


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.68 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BG036716.D

Acq: 14 Sep 2018 21:58

Instrument :

BNA_G

ClientSampleId :

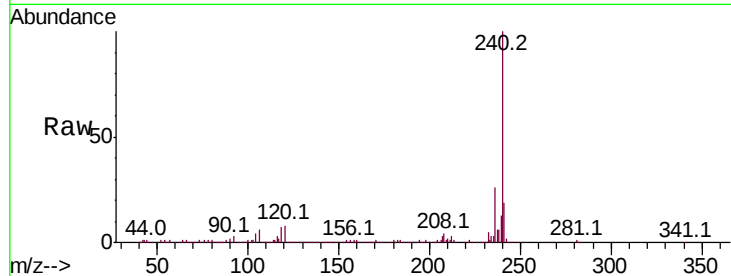
Tot Ion:240 Resp: 405820

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

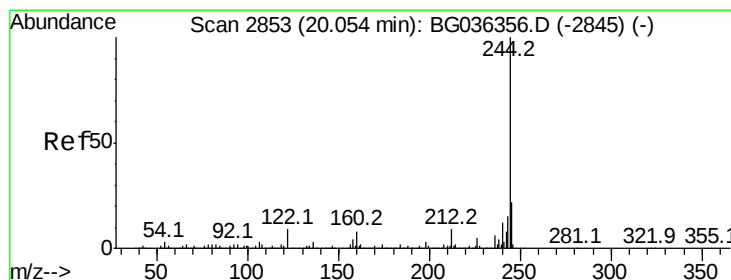
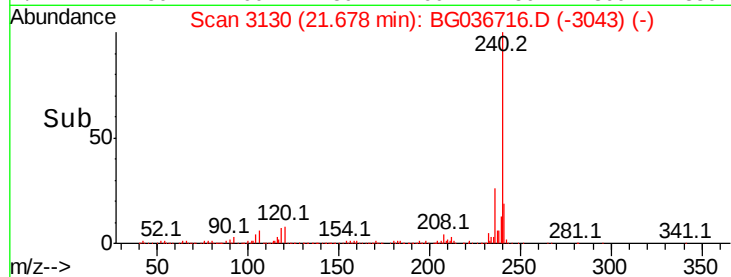
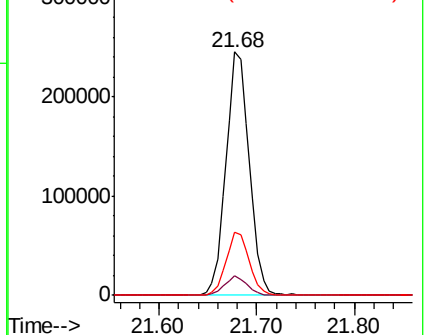
236 25.8 21.2 31.8



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: 83.263 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036716.D

Acq: 14 Sep 2018 21:58

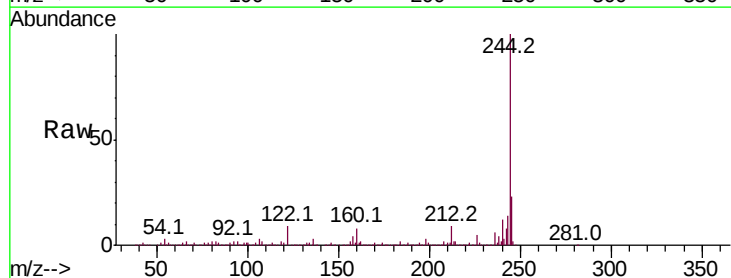
Tgt Ion:244 Resp: 1445655

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

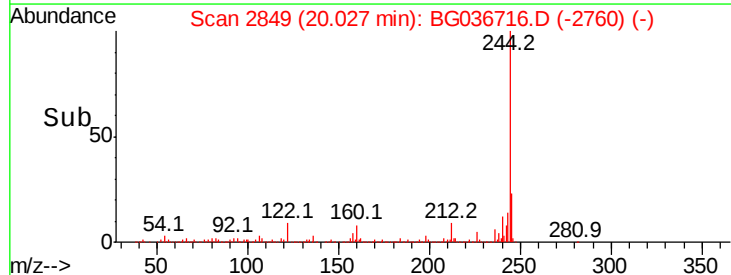
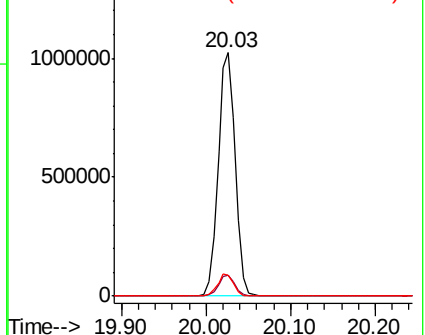
122 8.8 7.1 10.7

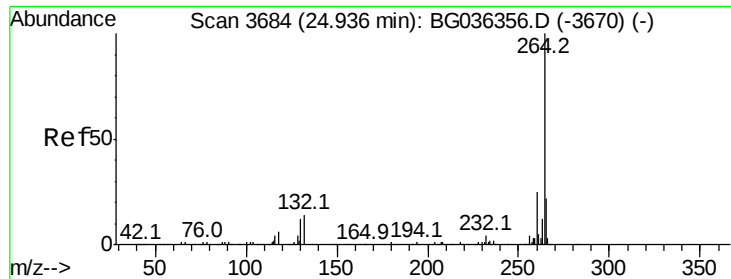


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

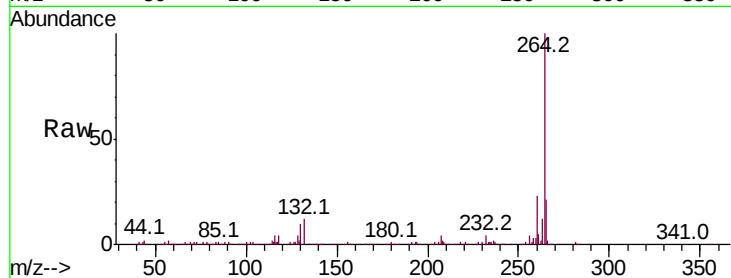




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036716.D
 Acq: 14 Sep 2018 21:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.6	29.4
265	21.5	17.4	26.0



Abundance

Ion 264.00 (263.70 to 264.70): E

200000

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

