

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036631.D
 Acq On : 10 Sep 2018 19:02
 Operator : JU/SJ
 Sample : J4769-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 01:54:51 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

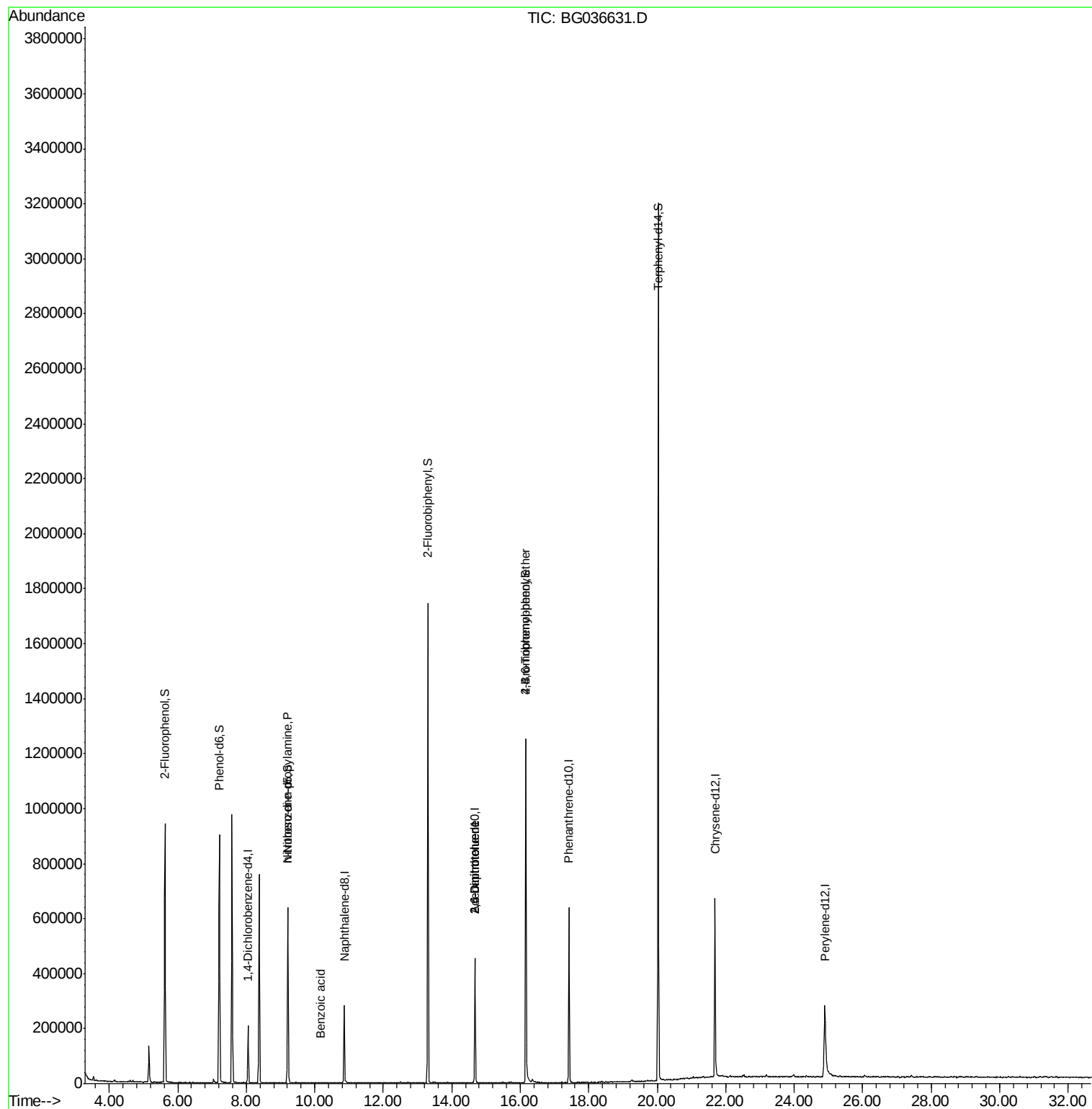
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	57161	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	239621	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	157672	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	406935	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	416556	20.00	ng	-0.01
86) Perylene-d12	24.89	264	348909	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	398013	110.45	ng	0.00
7) Phenol-d6	7.21	99	518538	100.51	ng	0.00
23) Nitrobenzene-d5	9.22	82	385025	87.18	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	243392	129.37	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	912473	82.63	ng	-0.01
78) Terphenyl-d14	20.03	244	1539704	86.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	51316	13.309	ng	# 72
32) Benzoic acid	10.16	122	57	4.499	ng	# 31
50) 2,6-Dinitrotoluene	14.68	165	20354	7.683	ng	# 23
56) 2,4-Dinitrotoluene	14.68	165	20354	5.895	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	16581	3.480	ng	# 1

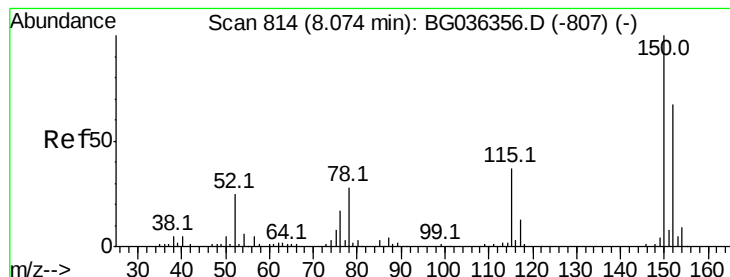
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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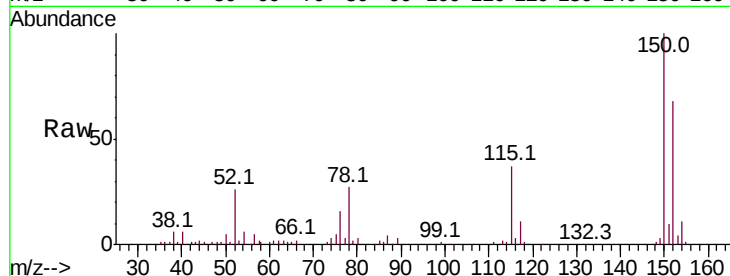


#1

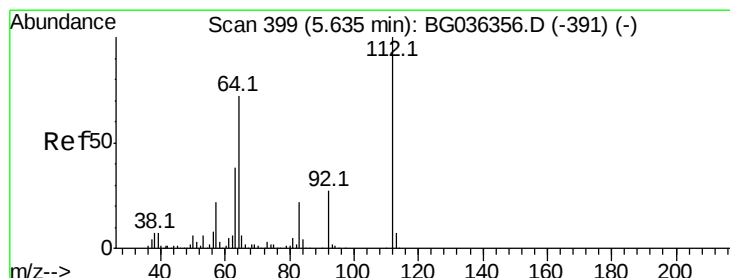
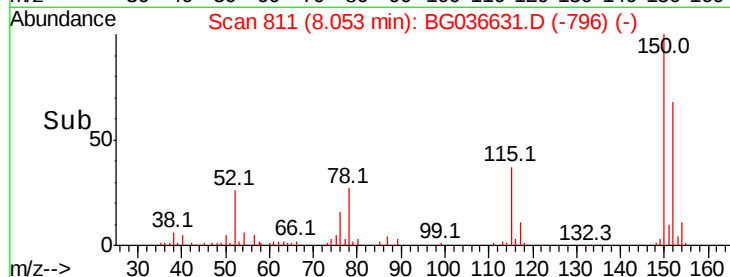
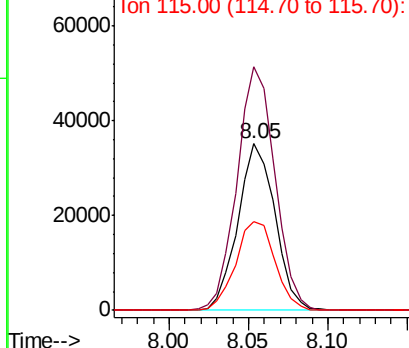
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036631.D
Acq: 10 Sep 2018 19:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.2	119.5	179.3
115	53.5	44.5	66.7



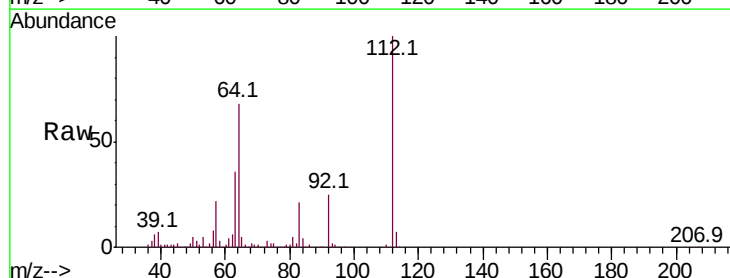
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



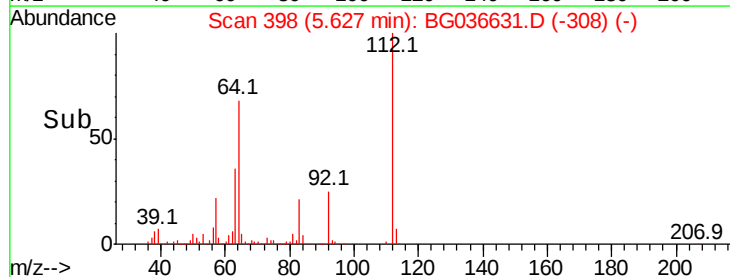
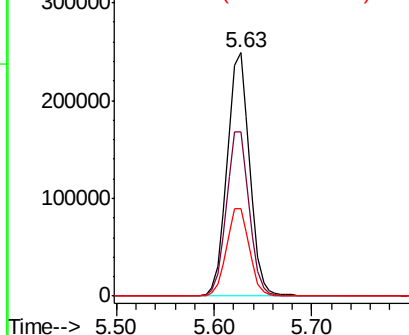
#5

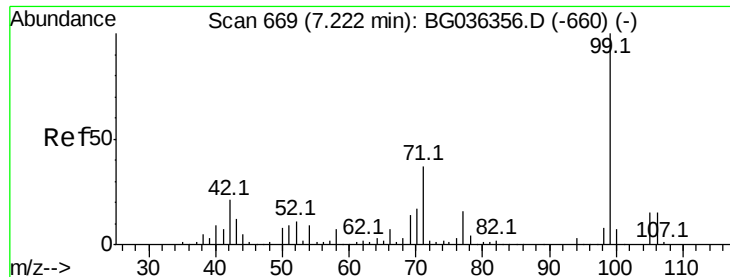
2-Fluorophenol
Concen: 110.454 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036631.D
Acq: 10 Sep 2018 19:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	57.2	85.8
63	36.2	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: 100.507 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036631.D

Acq: 10 Sep 2018 19:02

Instrument :

BNA_G

ClientSampleId :

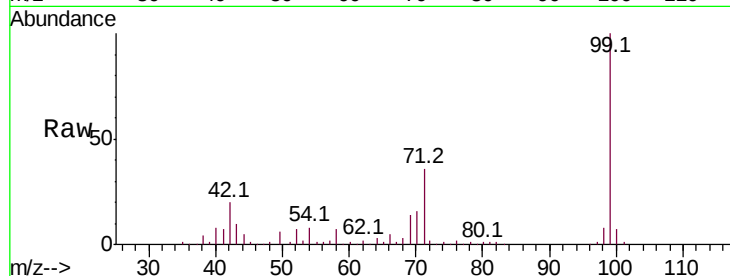
Tot Ion: 99 Resp: 518538

Ion Ratio Lower Upper

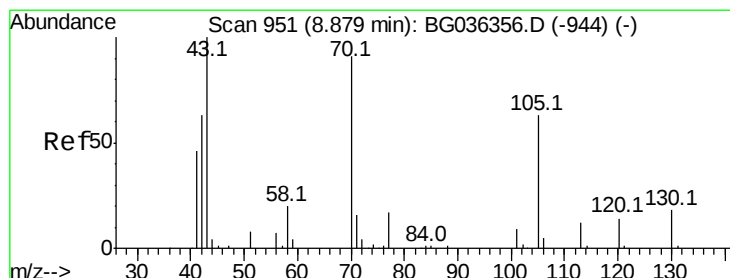
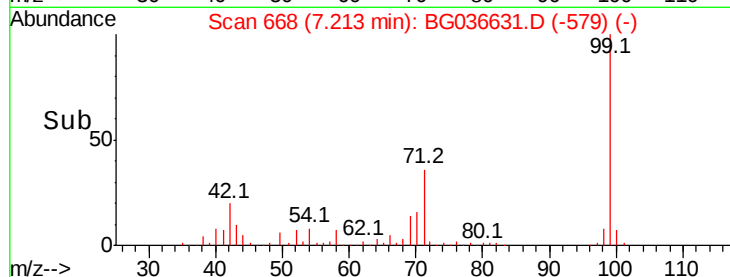
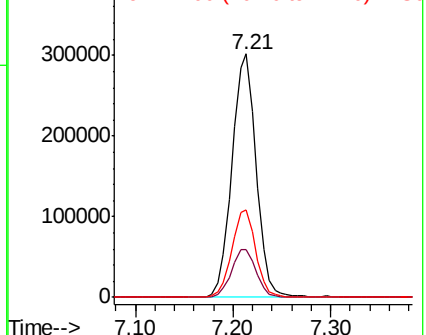
99 100

42 19.6 16.5 24.7

71 36.1 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: 13.309 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036631.D

Acq: 10 Sep 2018 19:02

Tgt Ion: 70 Resp: 51316

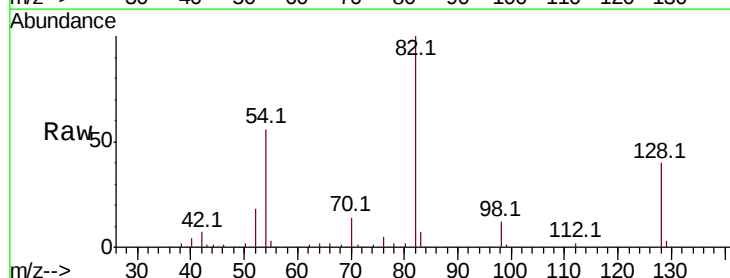
Ion Ratio Lower Upper

70 100

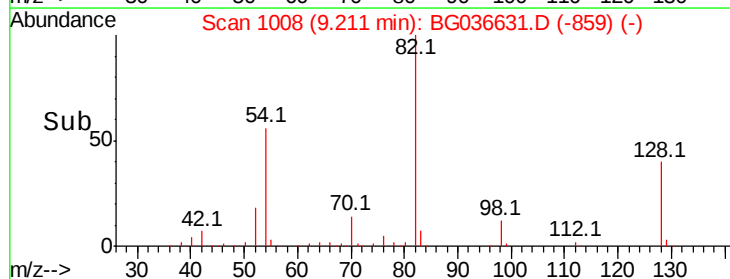
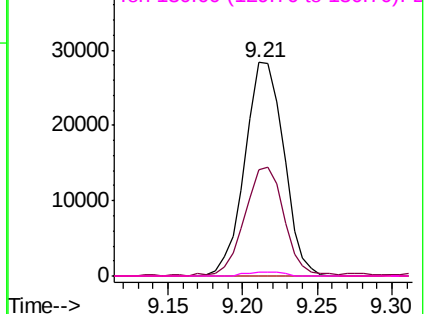
42 49.6 56.2 84.4#

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

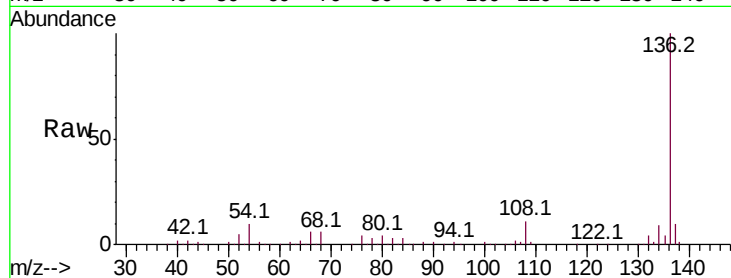




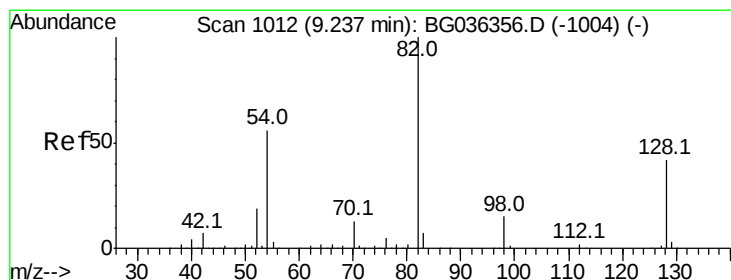
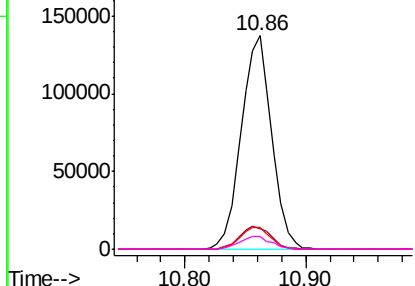
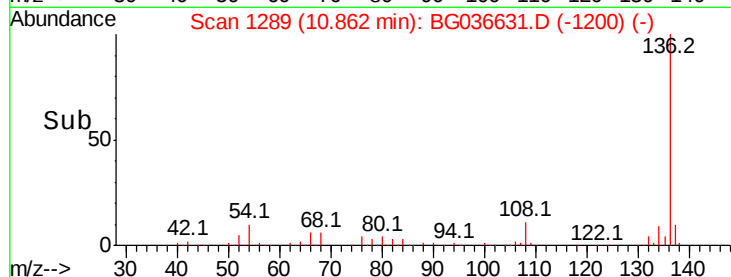
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036631.D
Acq: 10 Sep 2018 19:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	239621
Ion	Ratio	Lower	Upper
136	100		
137	9.6	8.8	13.2
54	9.9	9.2	13.8
68	5.8	5.8	8.6

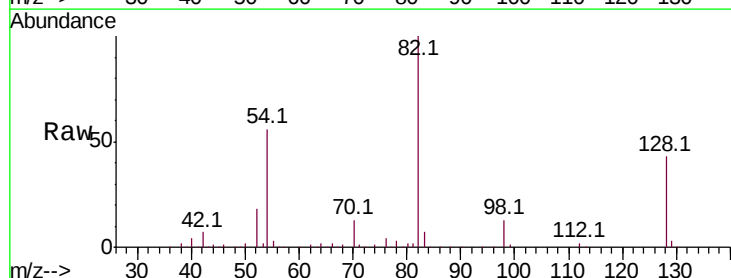


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

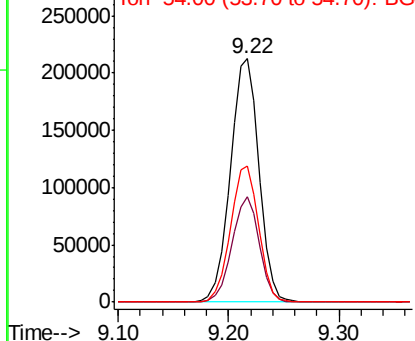
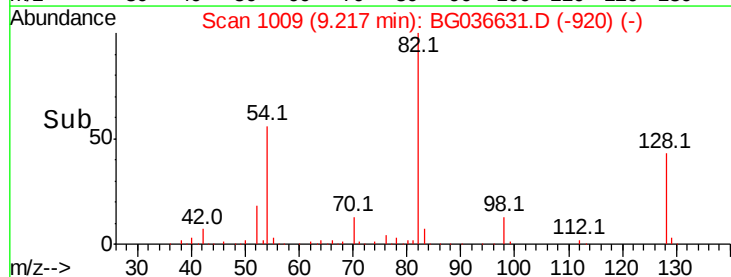


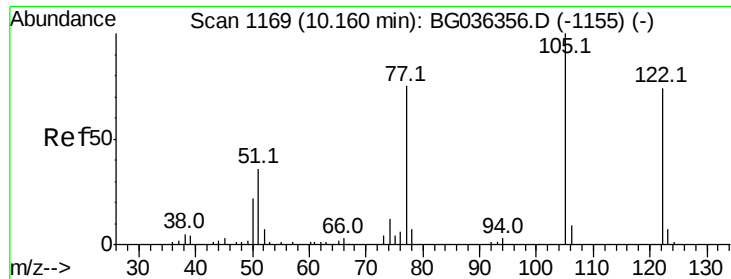
#23
Nitrobenzene-d5
Concen: 87.180 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036631.D
Acq: 10 Sep 2018 19:02

Tgt Ion:	82	Resp:	385025
Ion	Ratio	Lower	Upper
82	100		
128	43.3	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): E
Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 4.499 ng

RT: 10.16 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BG036631.D

Acq: 10 Sep 2018 19:02

Instrument :

BNA_G

ClientSampleId :

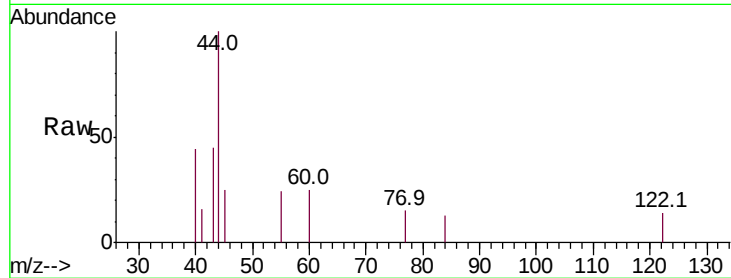
Tot Ion:122 Resp: 57

Ion Ratio Lower Upper

122 100

105 0.0 108.1 148.1#

77 108.7 76.3 116.3



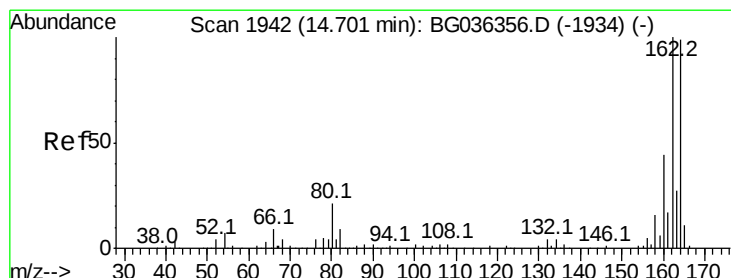
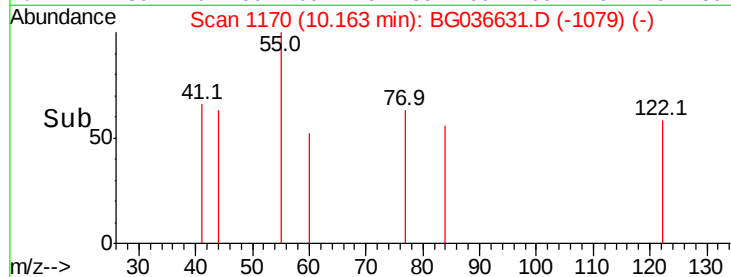
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B

10.16

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036631.D

Acq: 10 Sep 2018 19:02

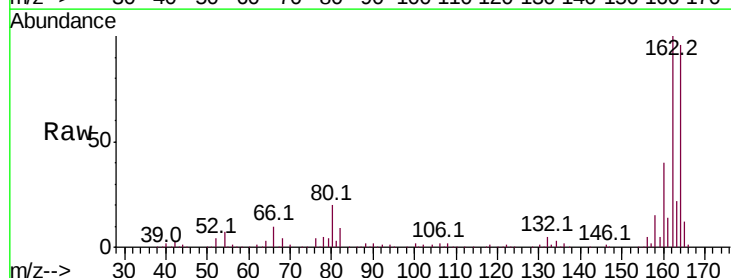
Tgt Ion:164 Resp: 157672

Ion Ratio Lower Upper

164 100

162 104.6 80.7 121.1

160 42.3 35.3 52.9



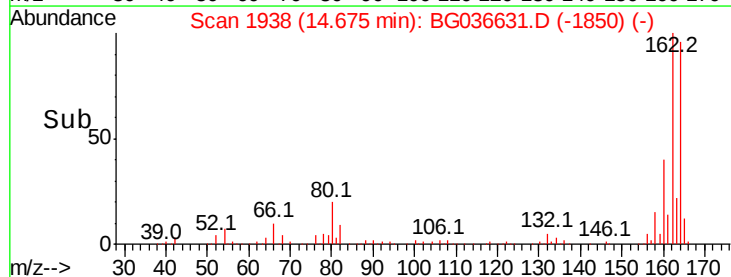
Abundance Ion 164.00 (163.70 to 164.70): E

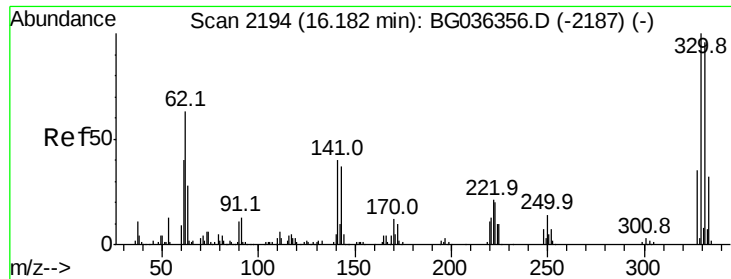
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.68

Time-->

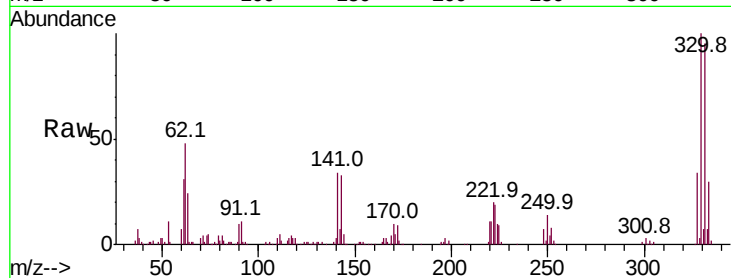




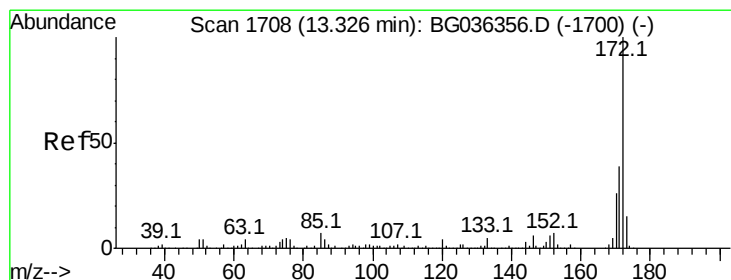
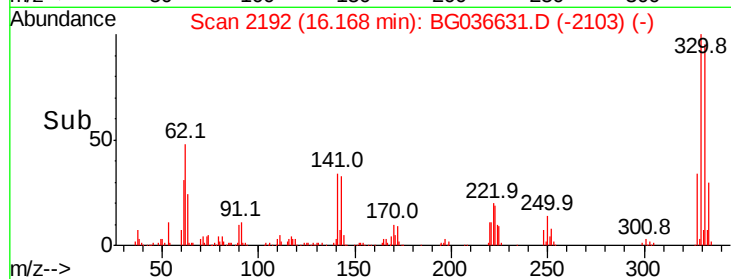
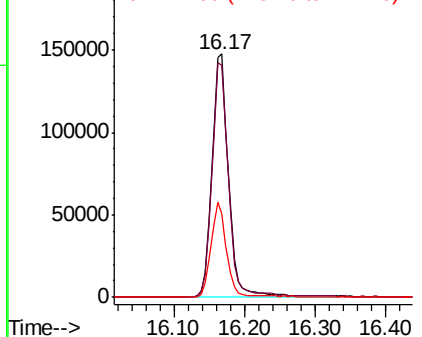
#41
 2,4,6-Tribromophenol
 Concen: 129.369 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036631.D
 Acq: 10 Sep 2018 19:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.4	113.2
141	36.5	30.7	46.1

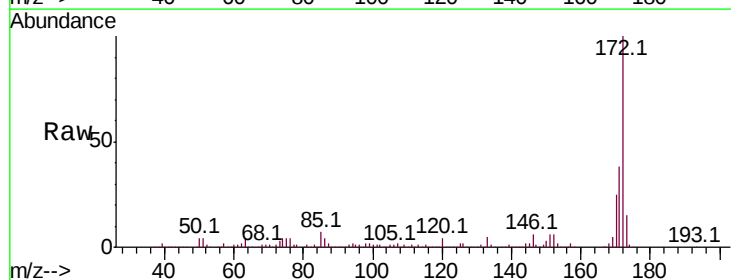


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

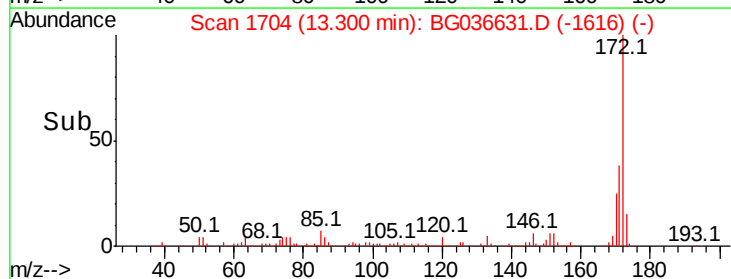
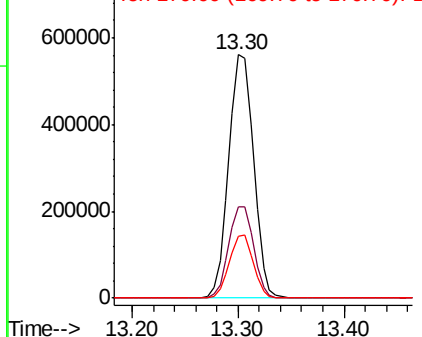


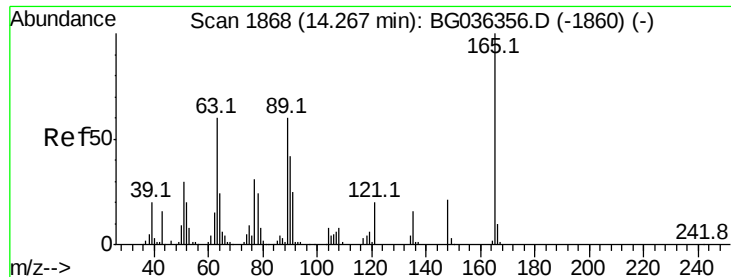
#44
 2-Fluorobiphenyl
 Concen: 82.630 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036631.D
 Acq: 10 Sep 2018 19:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.3	46.9
170	25.4	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

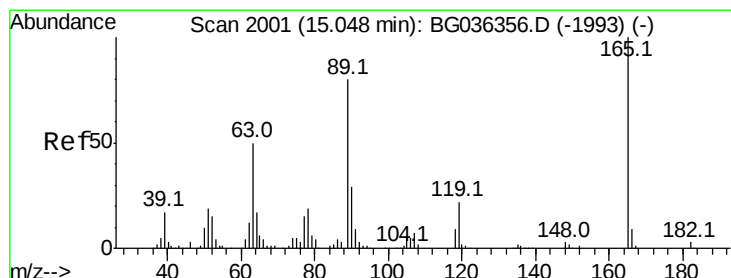
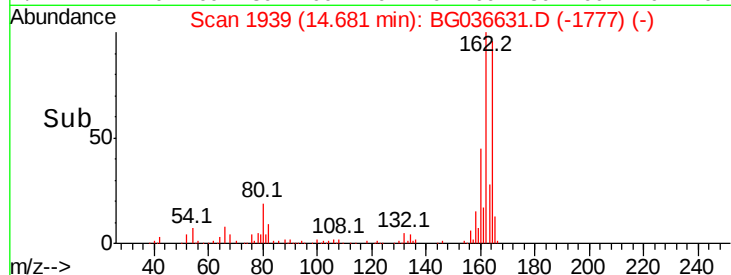
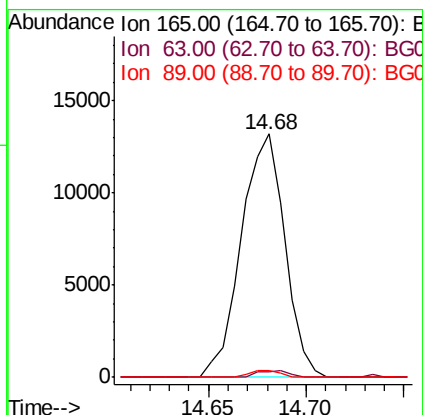
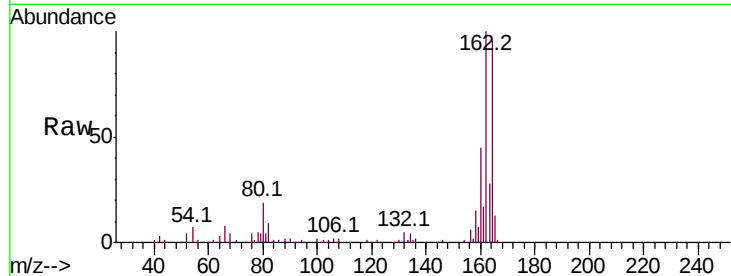




#50
2,6-Dinitrotoluene
Concen: 7.683 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.42 min
Lab File: BG036631.D
Acq: 10 Sep 2018 19:02

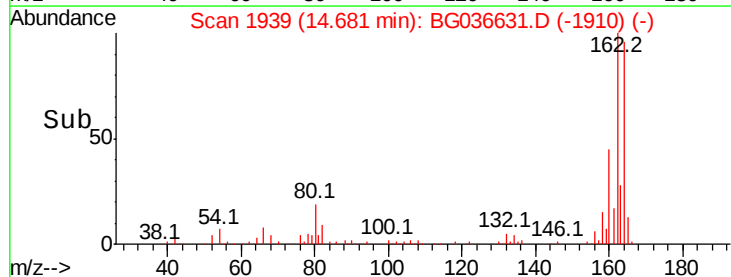
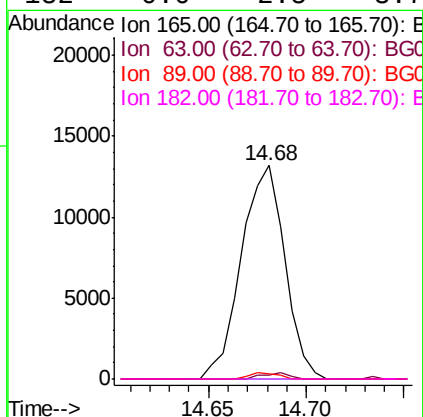
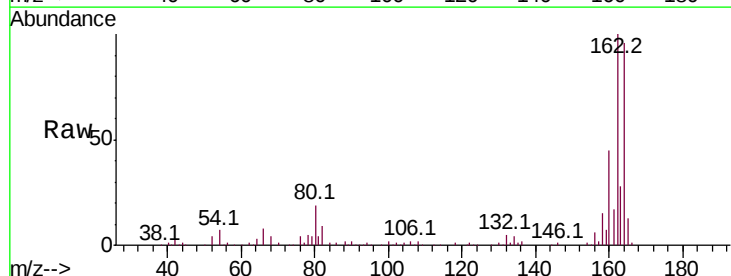
Instrument :
BNA_G
ClientSampleId :

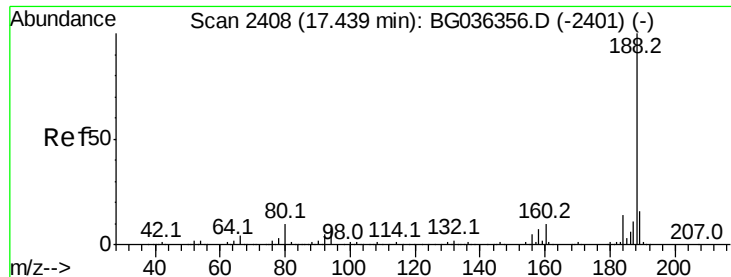
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	50.1	75.1#
89	2.7	47.8	71.6#



#56
2,4-Dinitrotoluene
Concen: 5.895 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG036631.D
Acq: 10 Sep 2018 19:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	40.1	60.1#
89	2.7	63.7	95.5#
182	0.0	2.5	3.7#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG036631.D

Acq: 10 Sep 2018 19:02

Instrument :

BNA_G

ClientSampleId :

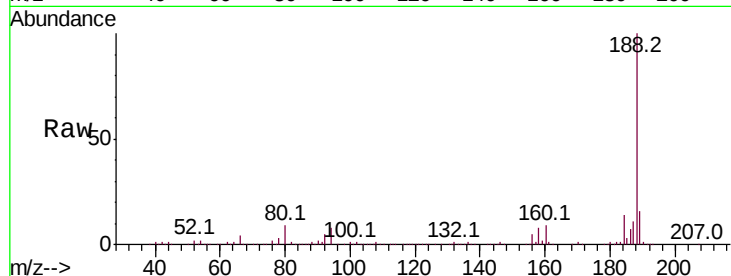
Tot Ion:188 Resp: 406935

Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

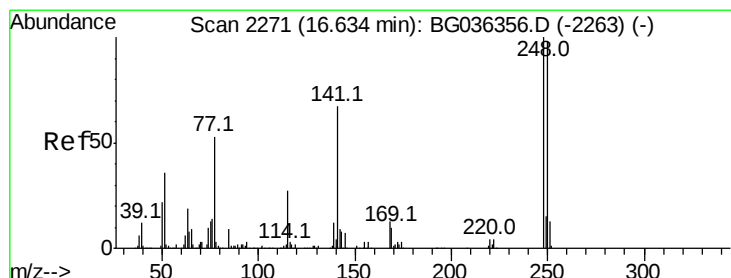
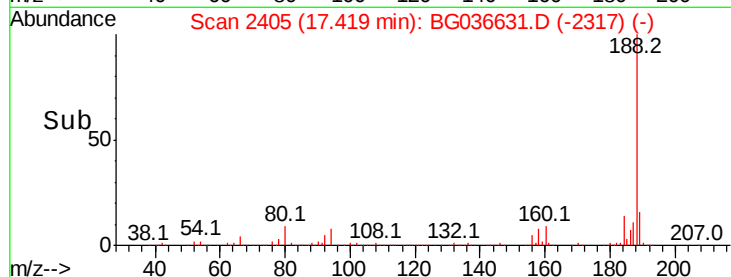
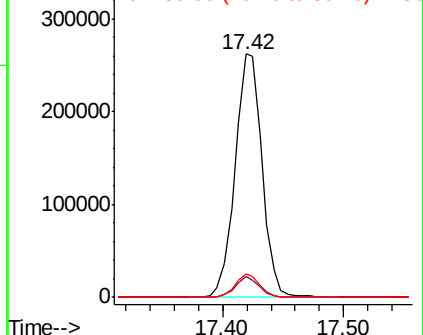
80 9.4 8.1 12.1



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: 3.480 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.45 min

Lab File: BG036631.D

Acq: 10 Sep 2018 19:02

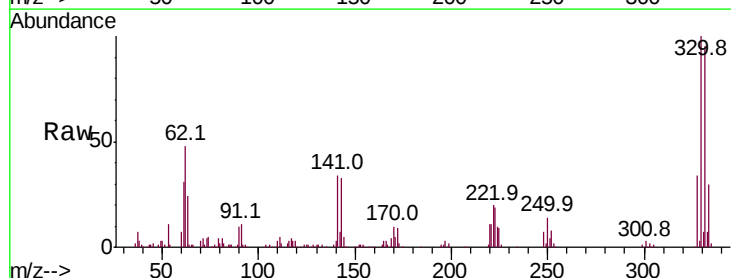
Tgt Ion:248 Resp: 16581

Ion Ratio Lower Upper

248 100

250 199.0 78.1 117.1#

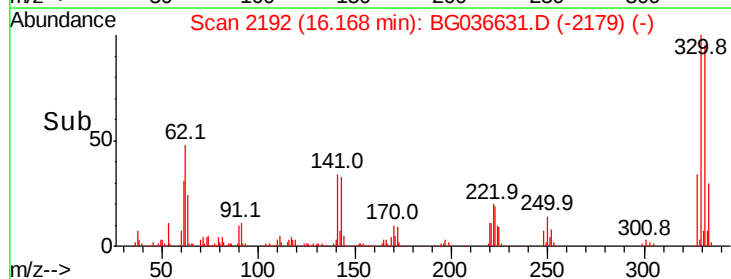
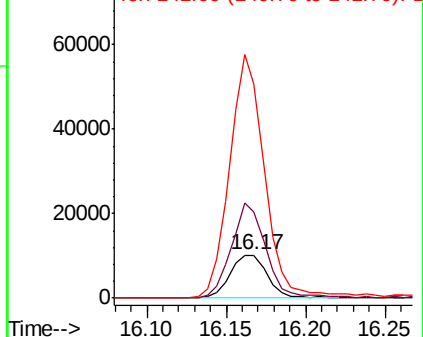
141 497.7 53.7 80.5#

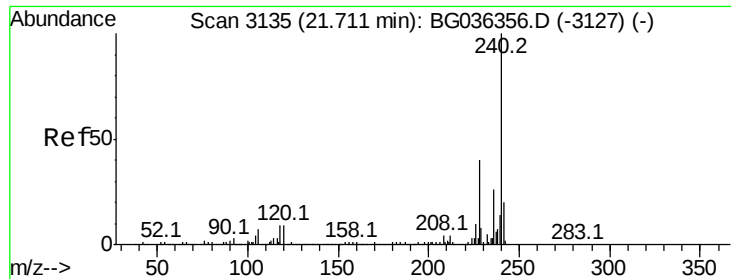


Abundance Ion 248.00 (247.70 to 248.70): E

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# 3131

Delta R.T. -0.01 min

Lab File: BG036631.D

Acq: 10 Sep 2018 19:02

Instrument :

BNA_G

ClientSampleId :

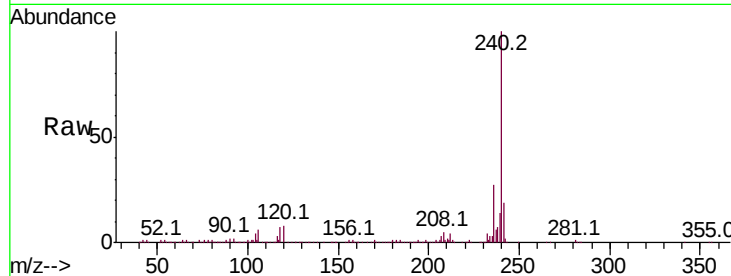
Tot Ion:240 Resp: 416556

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

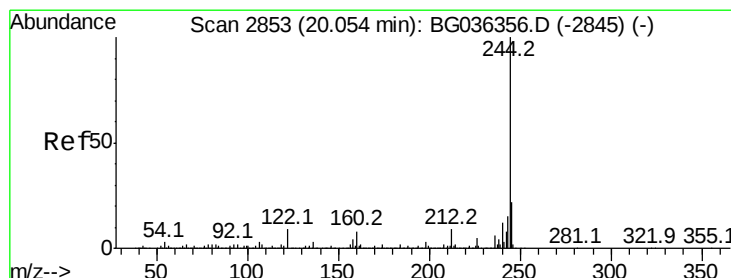
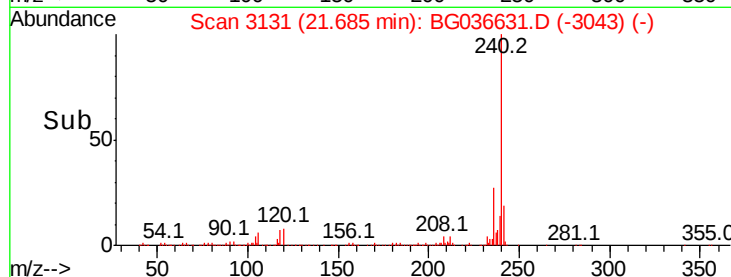
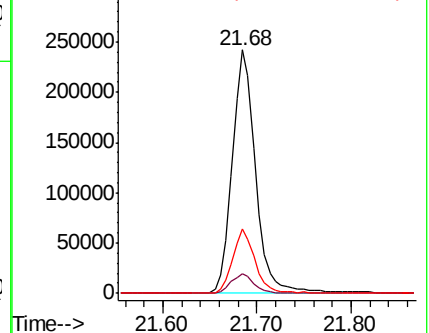
236 26.6 21.2 31.8



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: 86.395 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036631.D

Acq: 10 Sep 2018 19:02

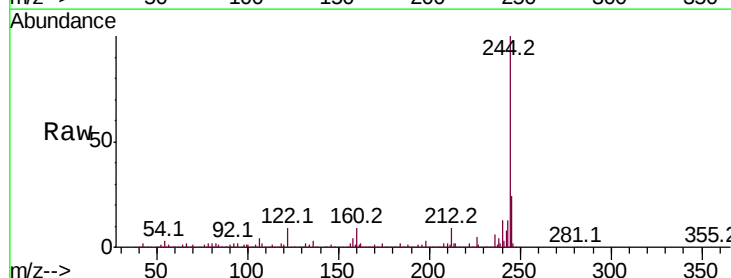
Tgt Ion:244 Resp: 1539704

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

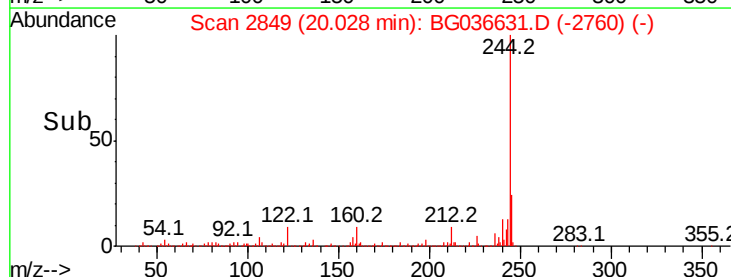
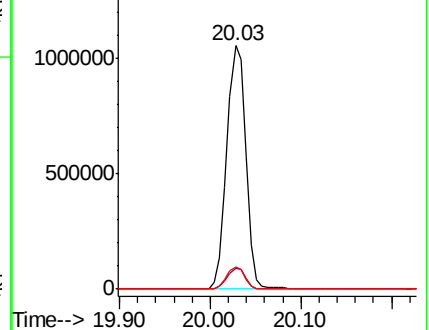
122 9.3 7.1 10.7

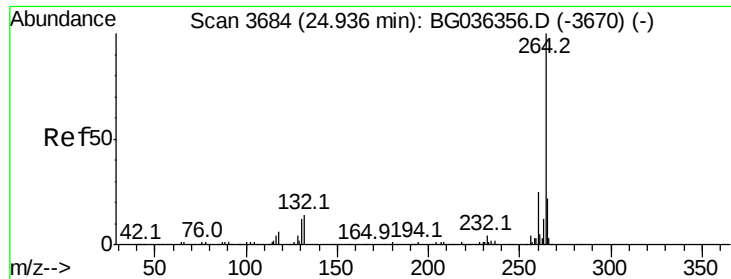


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3677
Delta R.T. -0.01 min
Lab File: BG036631.D
Acq: 10 Sep 2018 19:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.6	29.4
265	21.9	17.4	26.0

