

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036385.D
 Acq On : 23 Aug 2018 20:10
 Operator : JU/SJ
 Sample : J4489-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 24 03:33:30 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

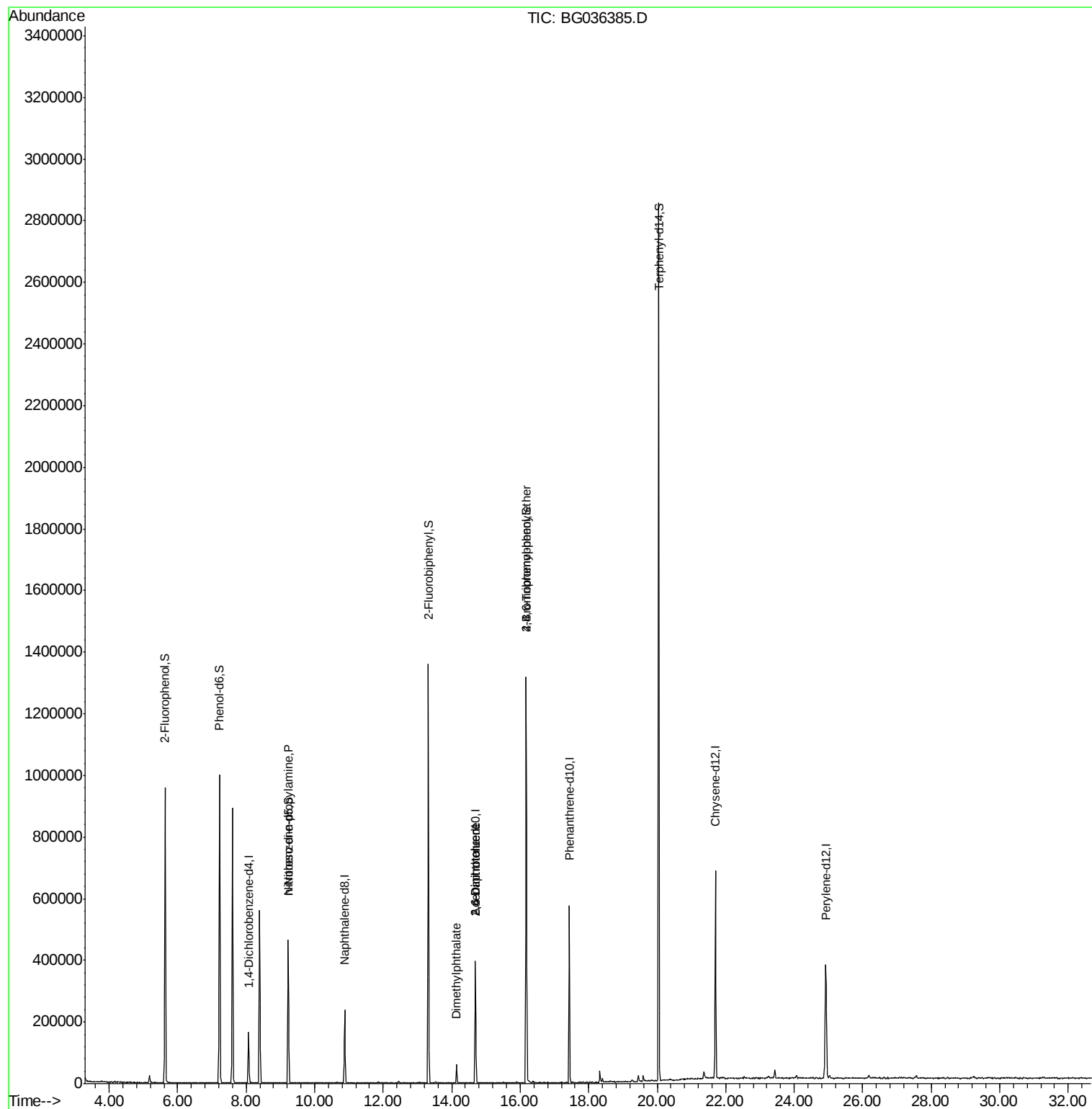
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	45562	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	199394	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	133176	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	359176	20.00	ng	0.00
75) Chrysene-d12	21.70	240	404301	20.00	ng	0.00
86) Perylene-d12	24.92	264	406603	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	392922	136.80	ng	0.00
7) Phenol-d6	7.22	99	554974	134.95	ng	0.00
23) Nitrobenzene-d5	9.23	82	270346	73.56	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	239355	150.62	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	697474	74.78	ng	0.00
78) Terphenyl-d14	20.05	244	1308491	75.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	35253	11.470	ng	Qvalue # 73
49) Dimethylphthalate	14.14	163	38756	3.564	ng	100
50) 2,6-Dinitrotoluene	14.69	165	16314	7.291	ng	# 23
56) 2,4-Dinitrotoluene	14.69	165	16314	5.594	ng	# 21
66) 4-Bromophenyl-phenylether	16.18	248	16687	3.968	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
Data File : BG036385.D
Acq On : 23 Aug 2018 20:10
Operator : JU/SJ
Sample : J4489-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 24 03:33:30 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



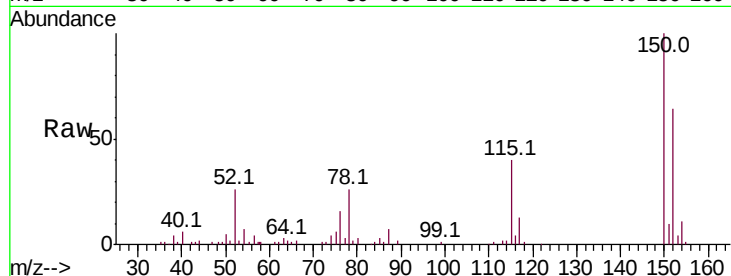


#1

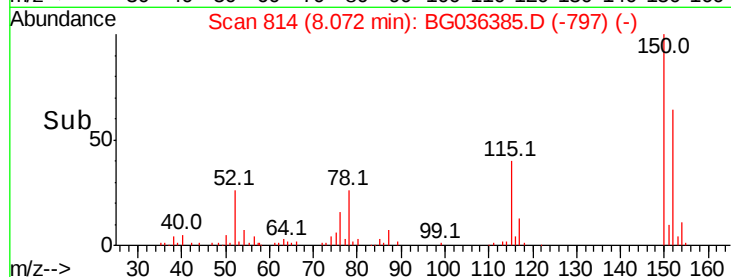
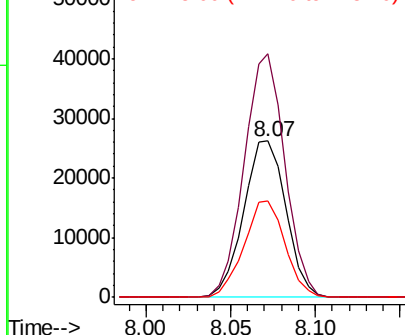
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036385.D
Acq: 23 Aug 2018 20:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 45562
Ion Ratio Lower Upper
152 100
150 156.1 119.5 179.3
115 61.8 44.5 66.7



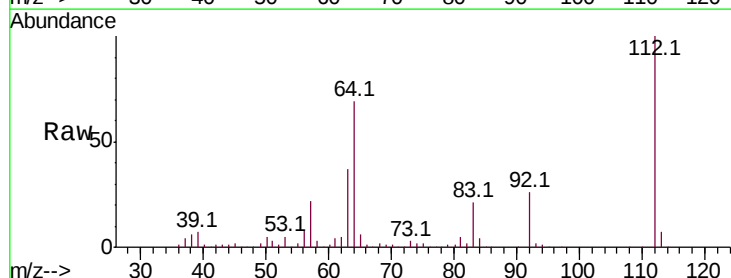
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



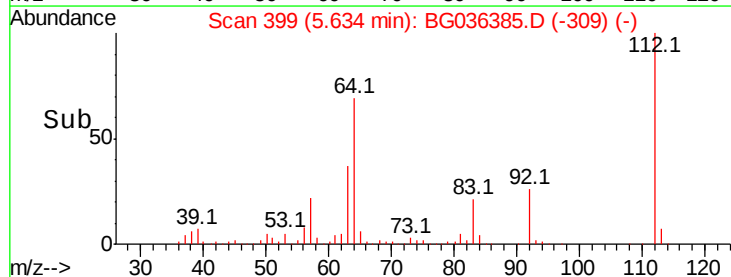
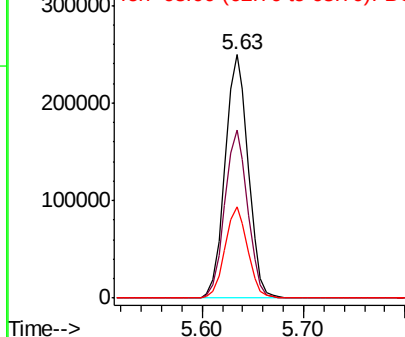
#5

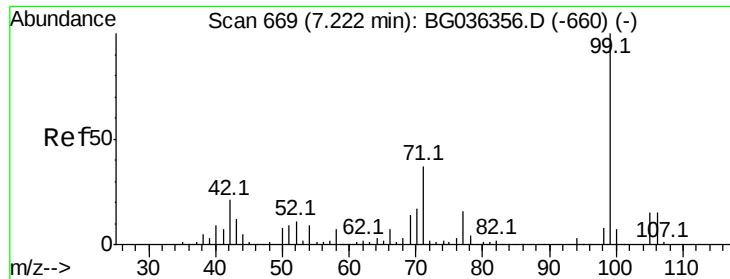
2-Fluorophenol
Concen: 136.800 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036385.D
Acq: 23 Aug 2018 20:10

Tgt Ion:112 Resp: 392922
Ion Ratio Lower Upper
112 100
64 69.0 57.2 85.8
63 37.3 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: 134.954 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036385.D

Acq: 23 Aug 2018 20:10

Instrument :

BNA_G

ClientSampled :

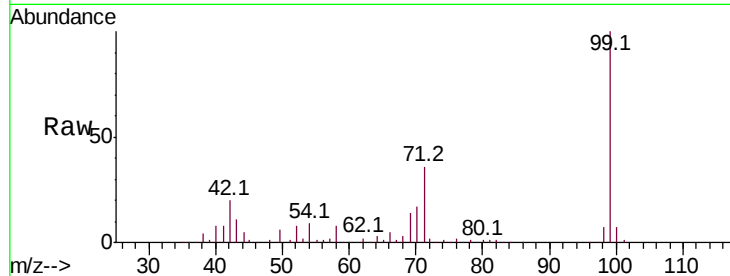
Tot Ion: 99 Resp: 554974

Ion Ratio Lower Upper

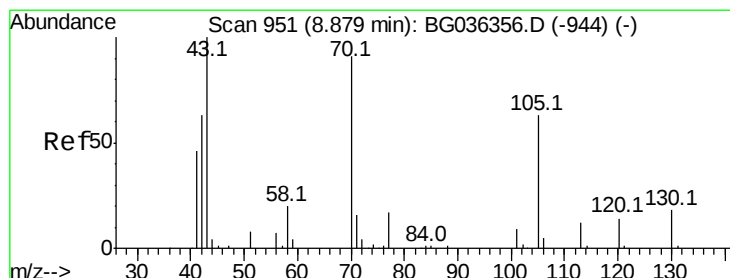
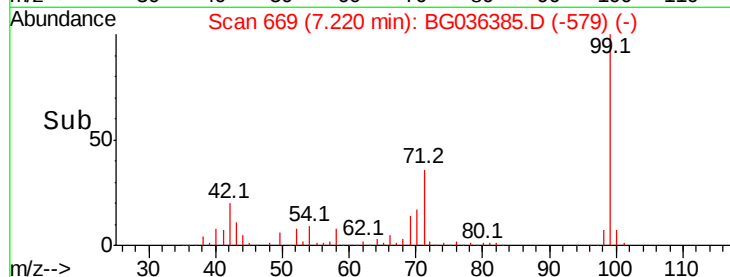
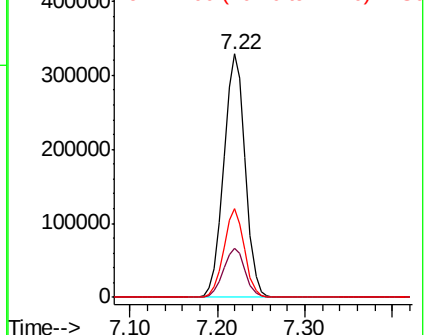
99 100

42 20.2 16.5 24.7

71 36.4 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: 11.470 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG036385.D

Acq: 23 Aug 2018 20:10

Tgt Ion: 70 Resp: 35253

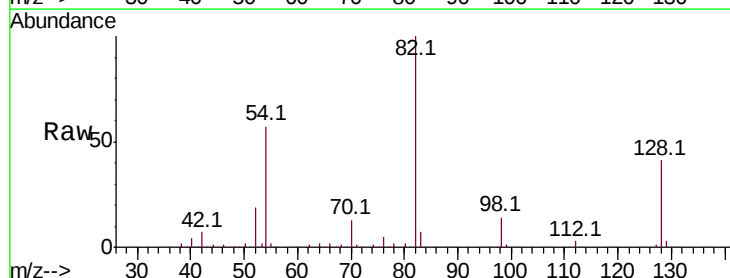
Ion Ratio Lower Upper

70 100

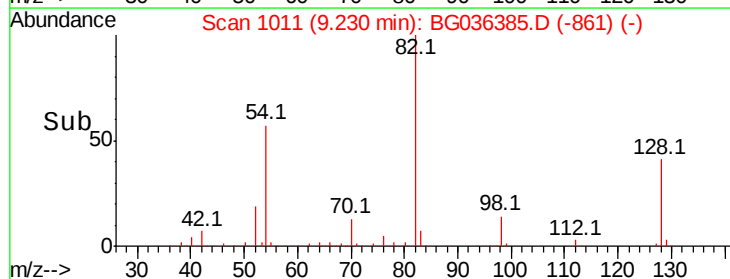
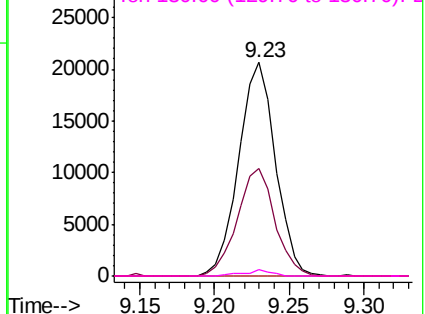
42 50.6 56.2 84.4#

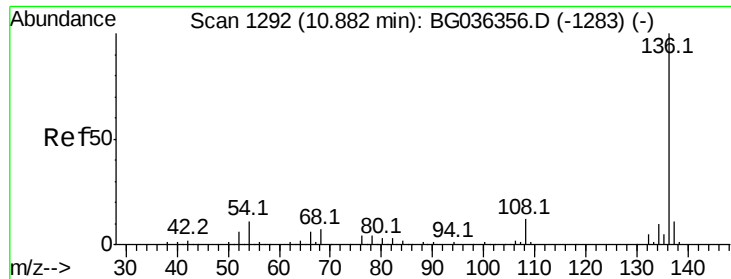
101 0.0 7.8 11.6#

130 2.8 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

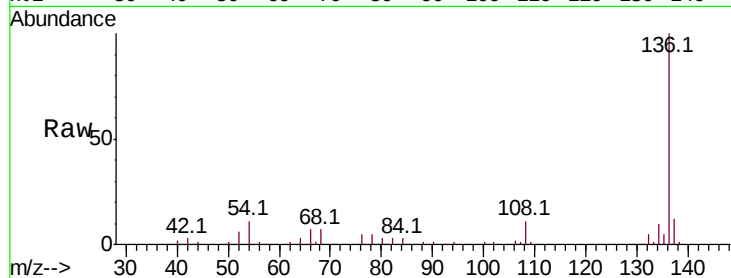




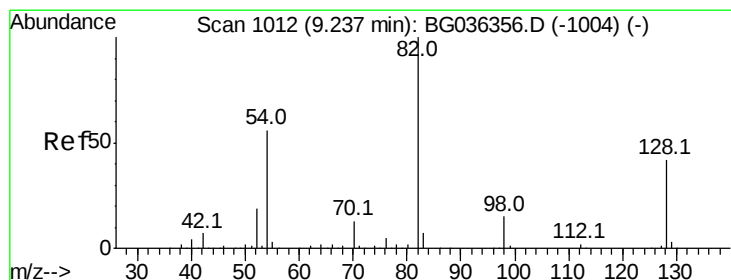
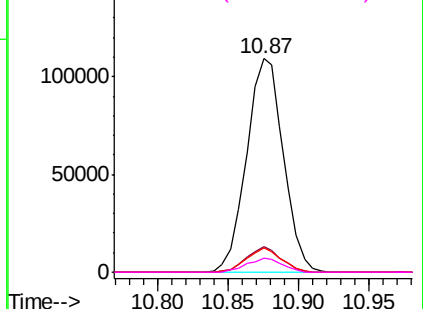
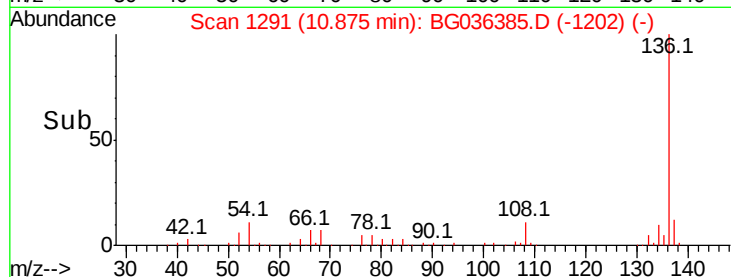
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036385.D
Acq: 23 Aug 2018 20:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	199394
Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.8	13.2
54	11.5	9.2	13.8
68	6.9	5.8	8.6

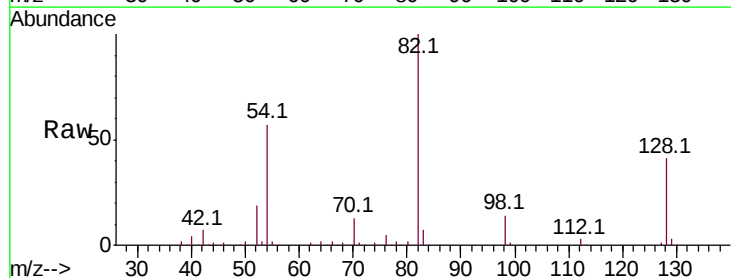


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

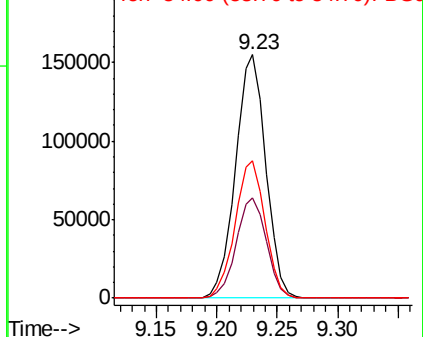
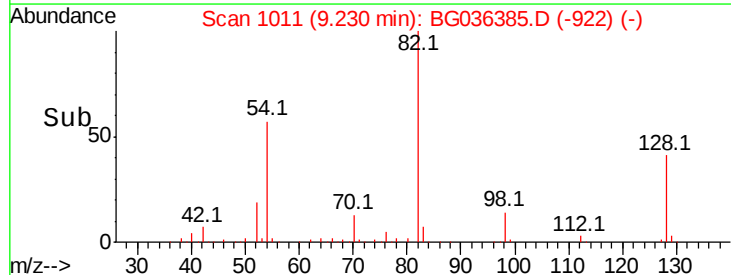


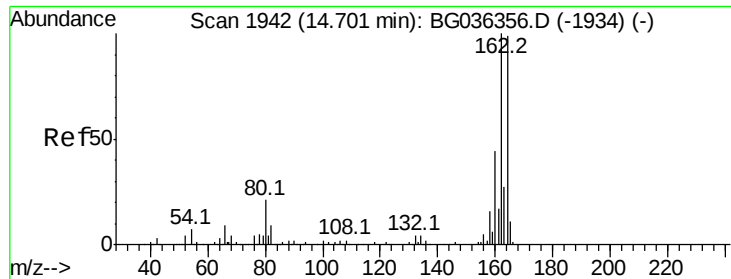
#23
Nitrobenzene-d5
Concen: 73.563 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036385.D
Acq: 23 Aug 2018 20:10

Tgt Ion:	82	Resp:	270346
Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.3	49.9
54	56.5	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG036385.D

Acq: 23 Aug 2018 20:10

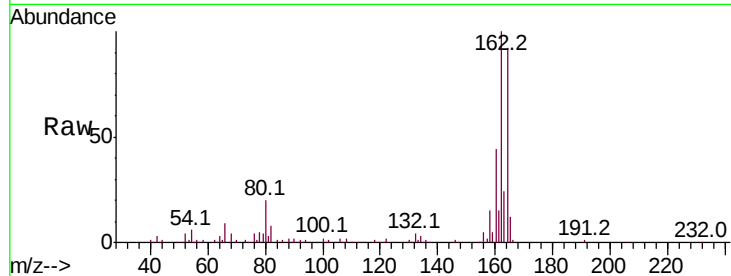
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 133176

Ion	Ratio	Lower	Upper
164	100		
162	108.5	80.7	121.1
160	47.7	35.3	52.9

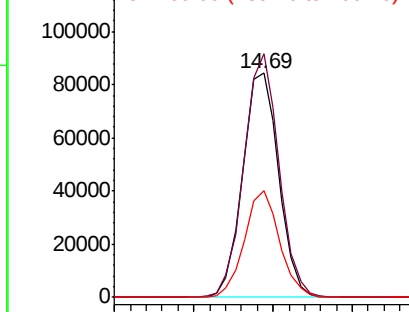


Abundance

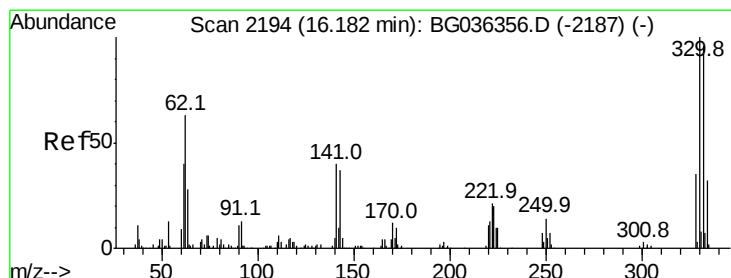
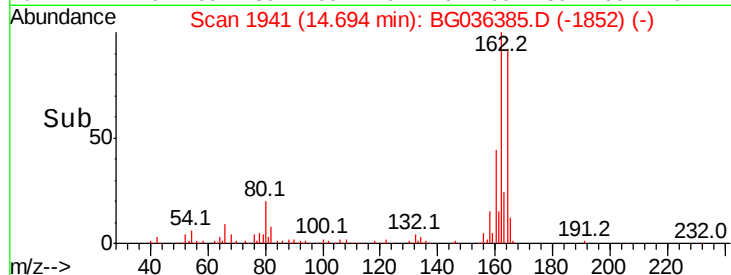
Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 14.60 14.65 14.70 14.75



#41

2,4,6-Tribromophenol

Concen: 150.624 ng

RT: 16.18 min Scan# 2194

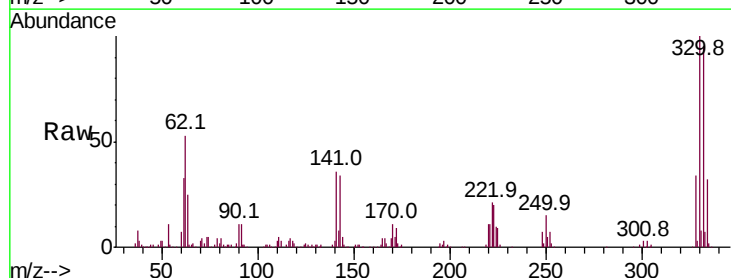
Delta R.T. -0.00 min

Lab File: BG036385.D

Acq: 23 Aug 2018 20:10

Tgt Ion:330 Resp: 239355

Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.4	113.2
141	38.2	30.7	46.1

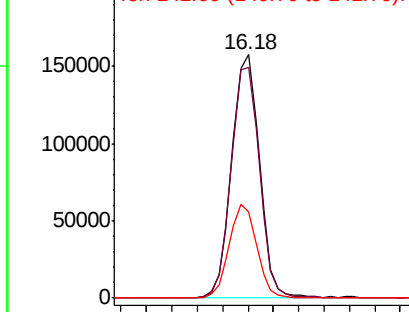


Abundance

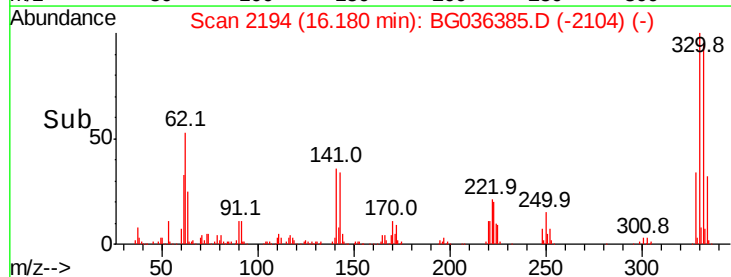
Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time--> 16.10 16.20

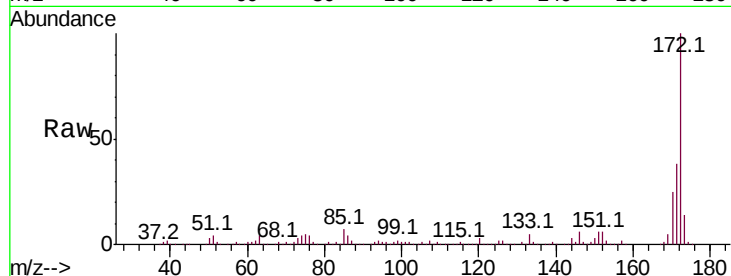




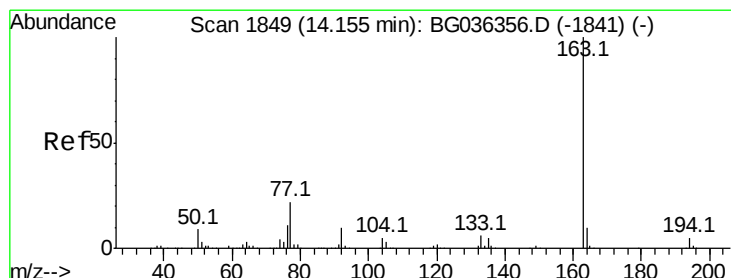
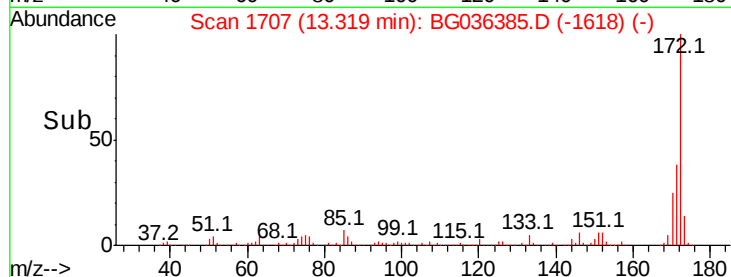
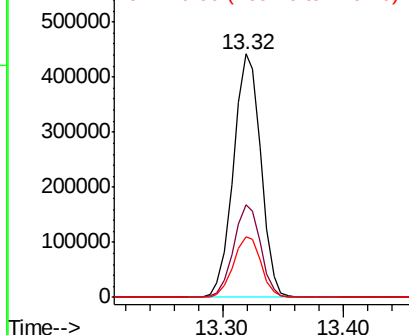
#44
2-Fluorobiphenyl
Concen: 74.778 ng
RT: 13.32 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BG036385.D
Acq: 23 Aug 2018 20:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 697474
Ion Ratio Lower Upper
172 100
171 38.0 31.3 46.9
170 24.9 21.0 31.6

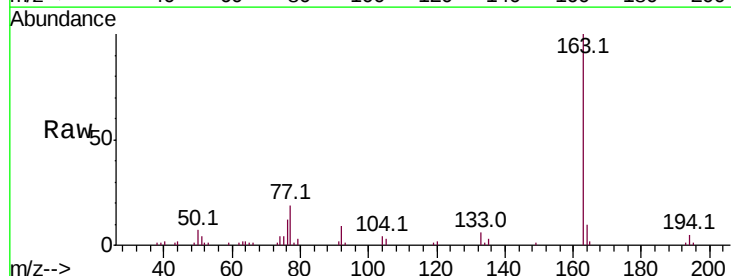


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

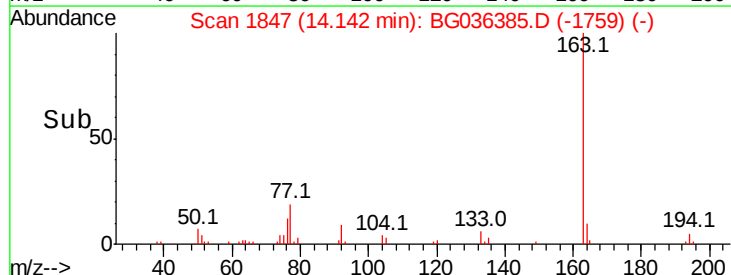
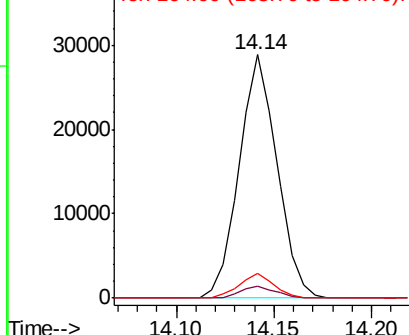


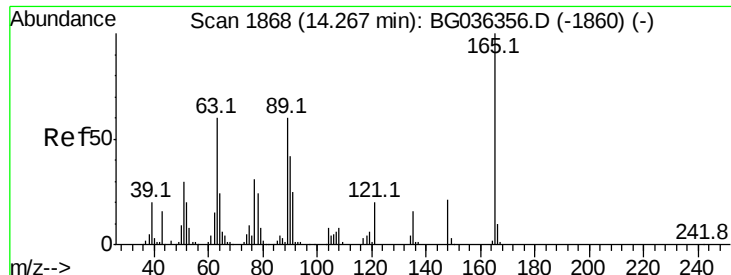
#49
Dimethylphthalate
Concen: 3.564 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BG036385.D
Acq: 23 Aug 2018 20:10

Tgt Ion:163 Resp: 38756
Ion Ratio Lower Upper
163 100
194 4.9 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

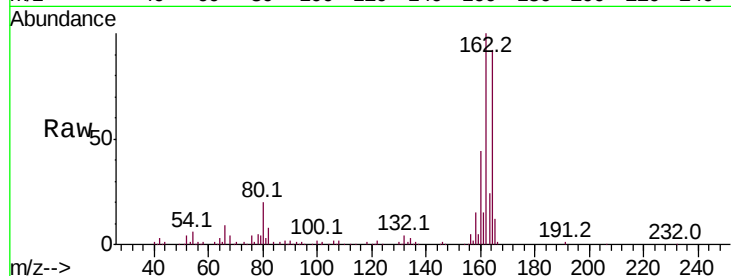




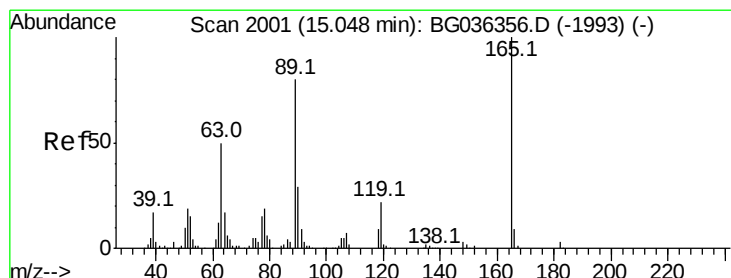
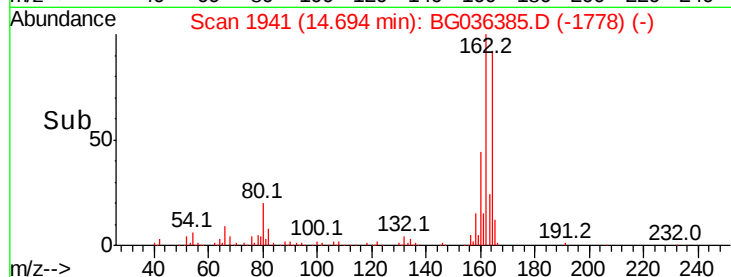
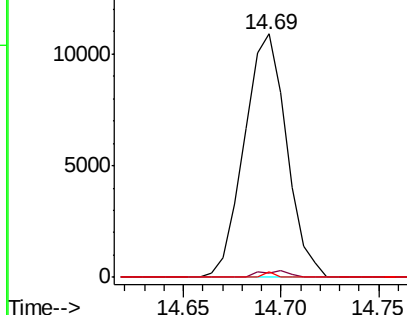
#50
2,6-Dinitrotoluene
Concen: 7.291 ng
RT: 14.69 min Scan# 1941
Delta R.T. 0.43 min
Lab File: BG036385.D
Acq: 23 Aug 2018 20:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	50.1	75.1#
89	2.1	47.8	71.6#

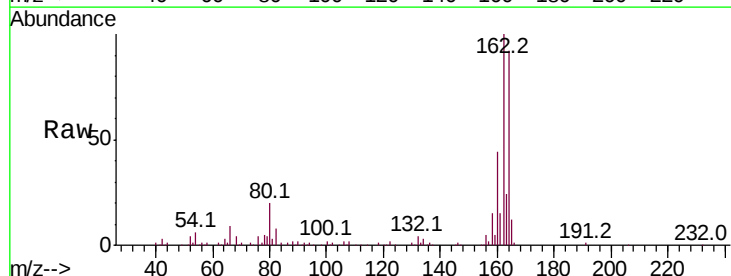


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

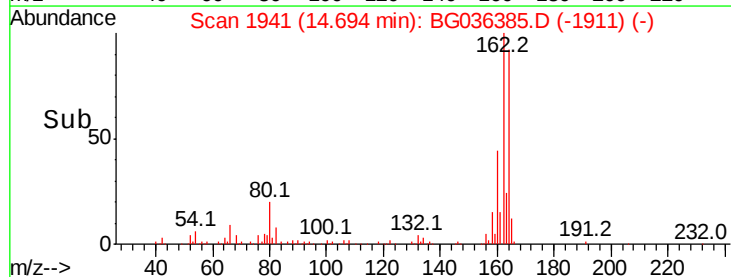
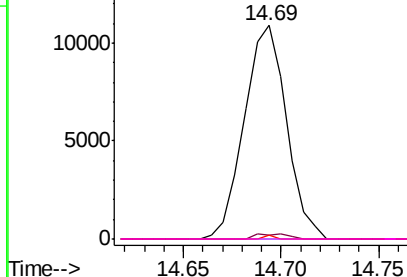


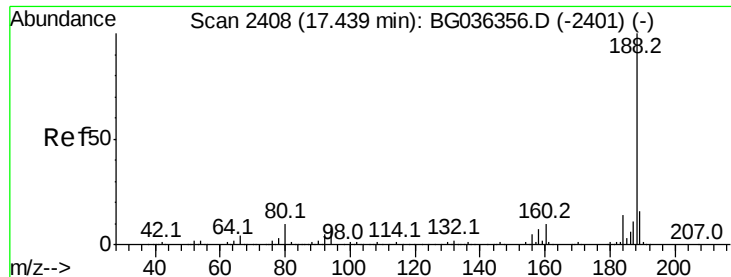
#56
2,4-Dinitrotoluene
Concen: 5.594 ng
RT: 14.69 min Scan# 1941
Delta R.T. -0.35 min
Lab File: BG036385.D
Acq: 23 Aug 2018 20:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.1	60.1#
89	2.1	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: 17.44 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG036385.D

Acq: 23 Aug 2018 20:10

Instrument :

BNA_G

ClientSampleId :

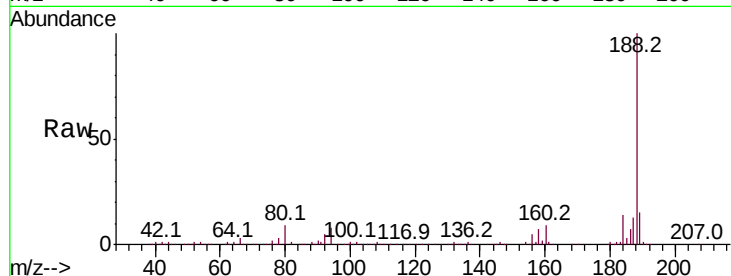
Tot Ion:188 Resp: 359176

Ion Ratio Lower Upper

188 100

94 7.5 6.7 10.1

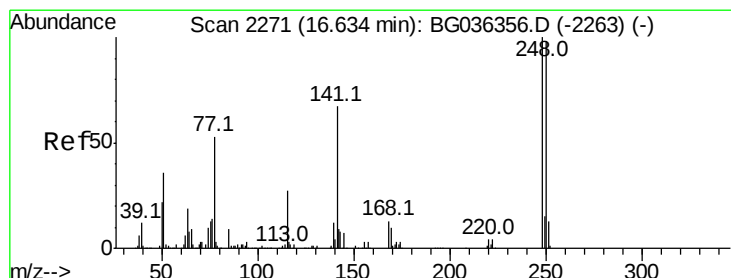
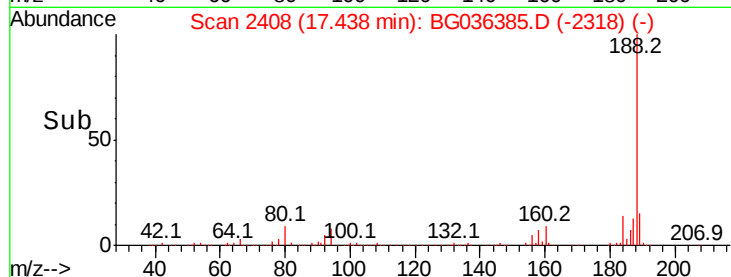
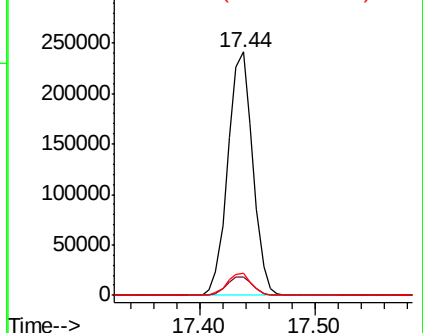
80 8.8 8.1 12.1



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: 3.968 ng

RT: 16.18 min Scan# 2194

Delta R.T. -0.45 min

Lab File: BG036385.D

Acq: 23 Aug 2018 20:10

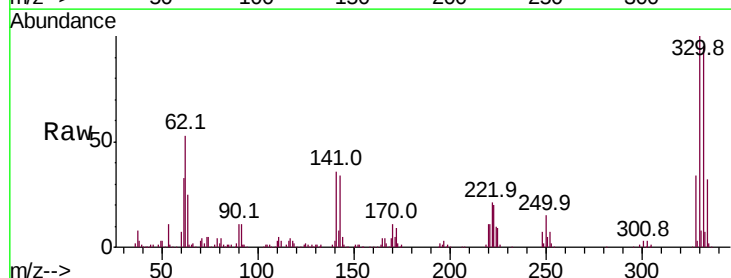
Tgt Ion:248 Resp: 16687

Ion Ratio Lower Upper

248 100

250 196.5 78.1 117.1#

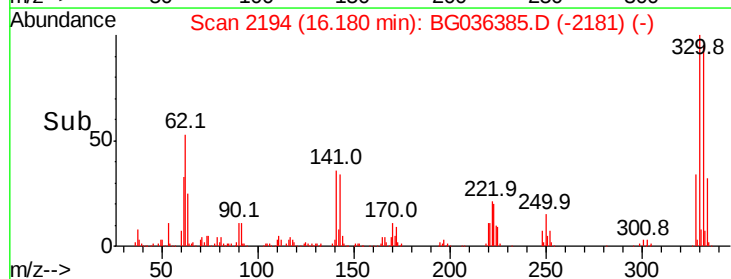
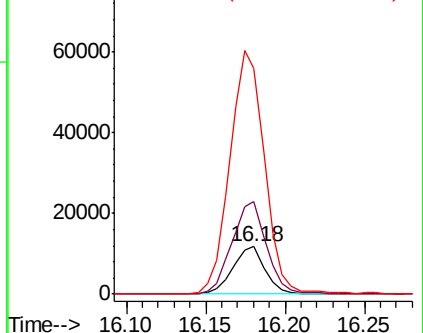
141 479.4 53.7 80.5#

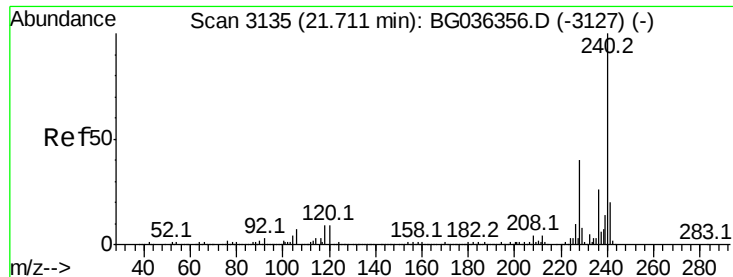


Abundance Ion 248.00 (247.70 to 248.70): E

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# 3134

Delta R.T. -0.01 min

Lab File: BG036385.D

Acq: 23 Aug 2018 20:10

Instrument :

BNA_G

ClientSampleId :

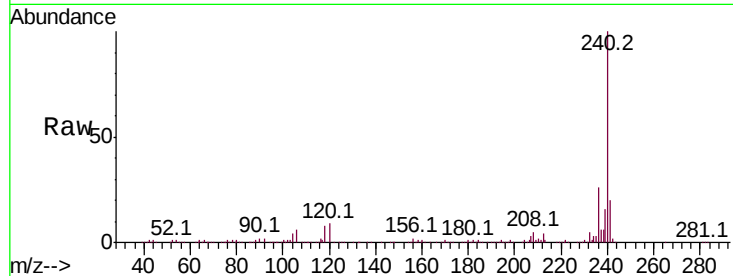
Tot Ion:240 Resp: 404301

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

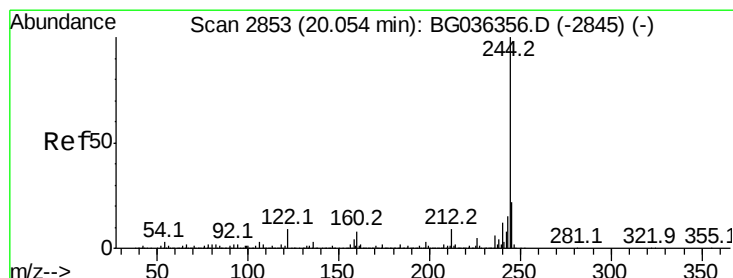
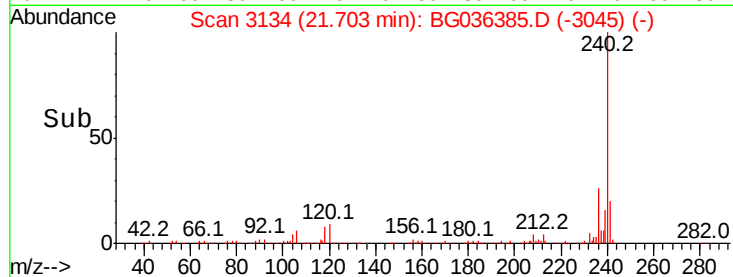
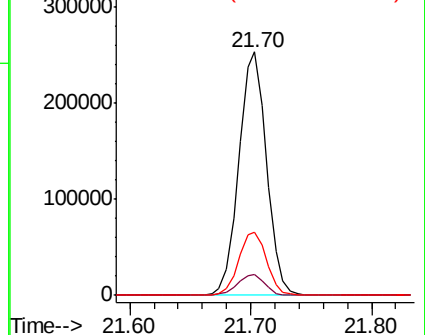
236 25.8 21.2 31.8



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: 75.646 ng

RT: 20.05 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036385.D

Acq: 23 Aug 2018 20:10

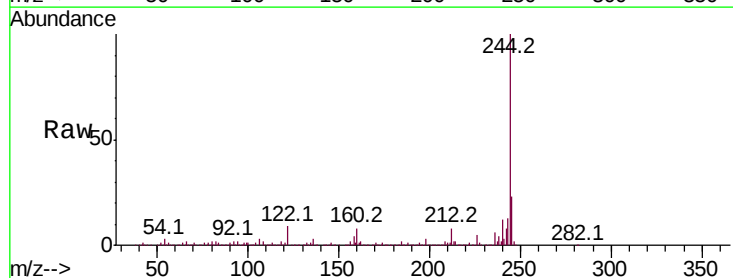
Tgt Ion:244 Resp: 1308491

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

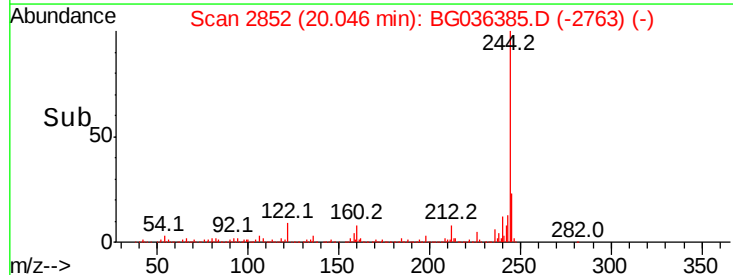
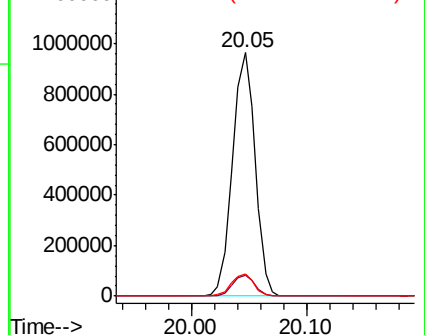
122 9.2 7.1 10.7

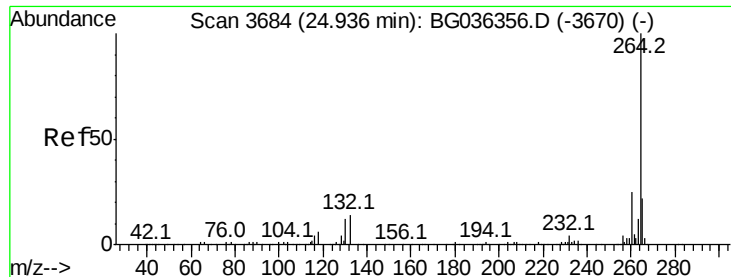


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

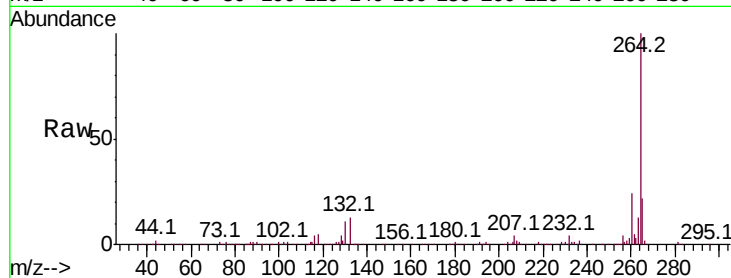




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3682
 Delta R.T. -0.01 min
 Lab File: BG036385.D
 Acq: 23 Aug 2018 20:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	264	Resp:	406603
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	22.0	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

