

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036557.D
 Acq On : 5 Sep 2018 8:48
 Operator : JU/SJ
 Sample : J4759-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 05 11:03:25 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

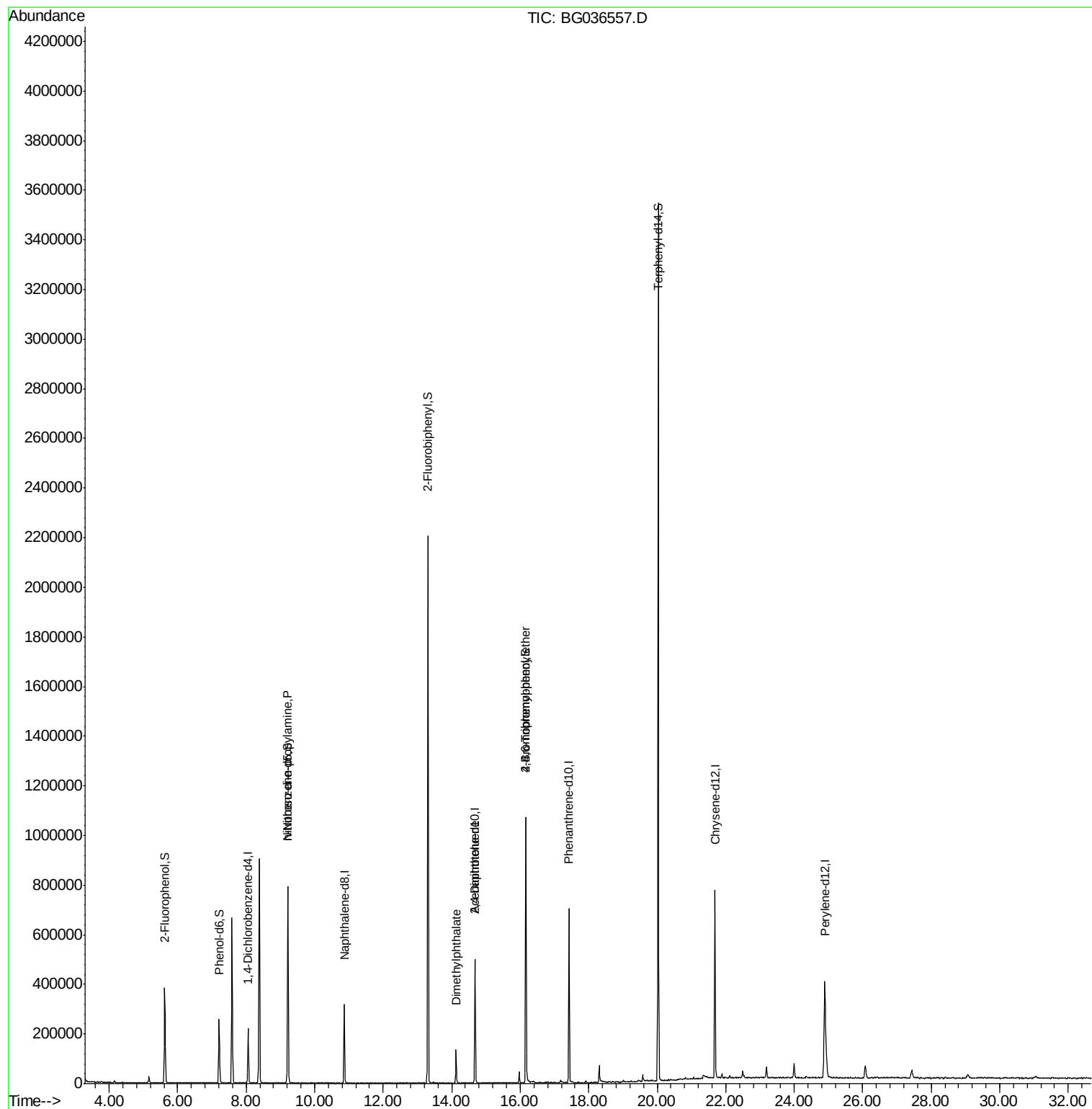
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	63069	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	263709	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	173581	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	452665	20.00	ng	0.00
75) Chrysene-d12	21.69	240	469163	20.00	ng	0.00
86) Perylene-d12	24.89	264	466666	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	165295	41.57	ng	0.00
7) Phenol-d6	7.21	99	147760	25.96	ng	0.00
23) Nitrobenzene-d5	9.22	82	474873	97.70	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	205448	99.19	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1104133	90.82	ng	0.00
78) Terphenyl-d14	20.03	244	1598767	79.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	62479	14.686	ng	# 70
49) Dimethylphthalate	14.13	163	93776	6.616	ng	# 99
56) 2,4-Dinitrotoluene	14.68	165	22412	5.896	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	14462	2.729	ng	# 1

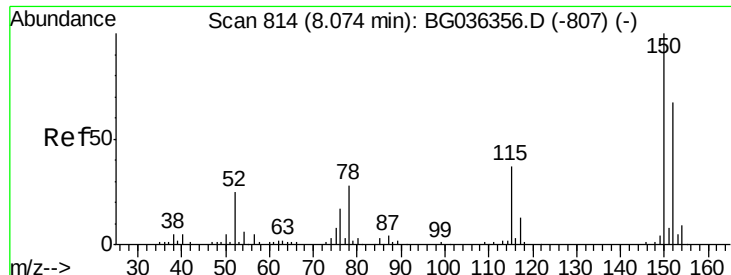
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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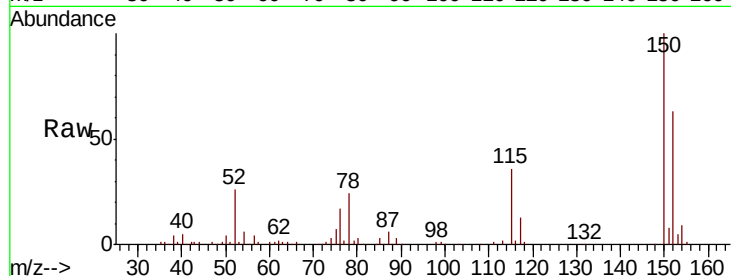


#1

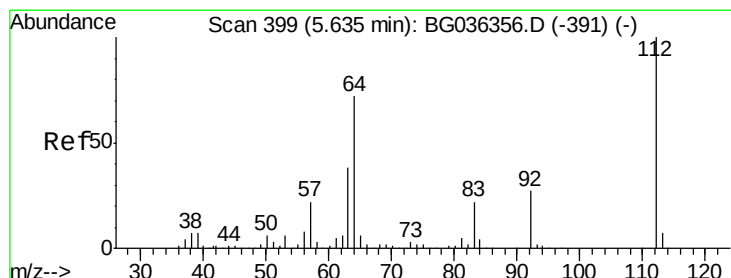
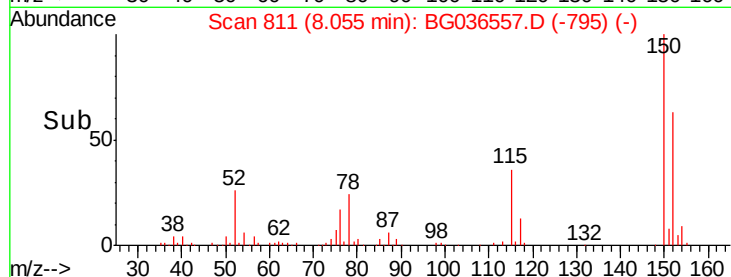
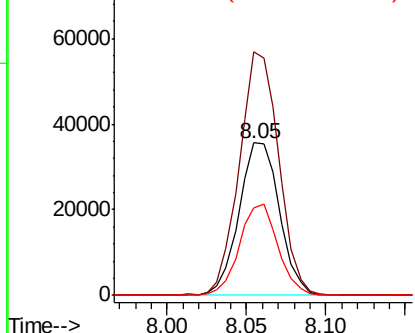
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036557.D
Acq: 5 Sep 2018 8:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63069
Ion Ratio Lower Upper
152 100
150 159.5 119.5 179.3
115 57.6 44.5 66.7



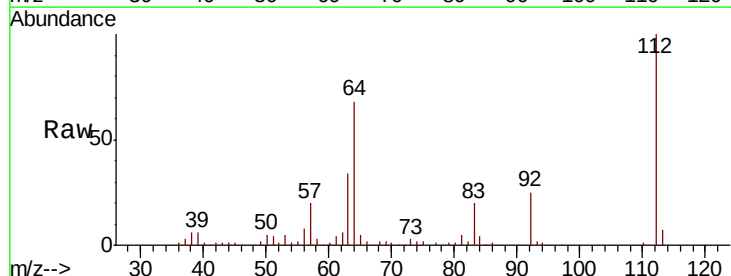
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



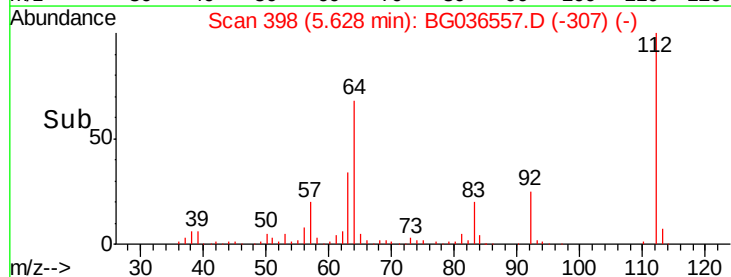
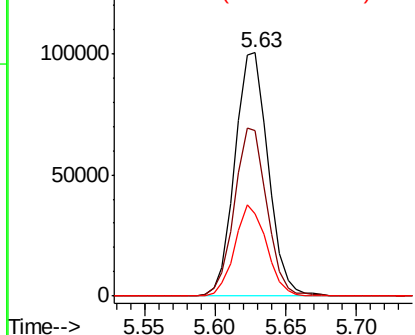
#5

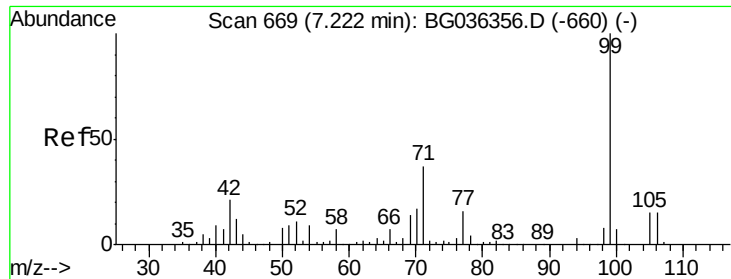
2-Fluorophenol
Concen: 41.575 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036557.D
Acq: 5 Sep 2018 8:48

Tgt Ion:112 Resp: 165295
Ion Ratio Lower Upper
112 100
64 68.1 57.2 85.8
63 34.1 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 25.957 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036557.D

Acq: 5 Sep 2018 8:48

Instrument :

BNA_G

ClientSampled :

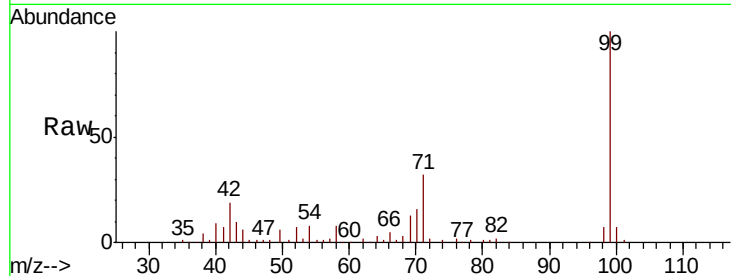
Tot Ion: 99 Resp: 147760

Ion Ratio Lower Upper

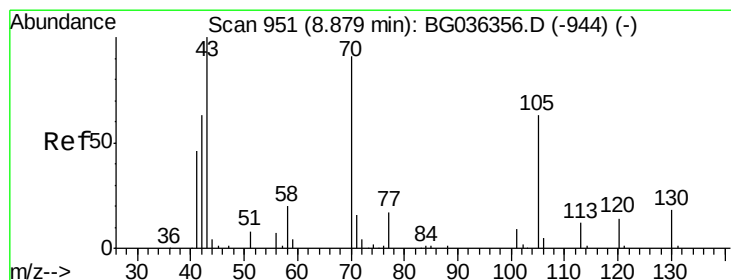
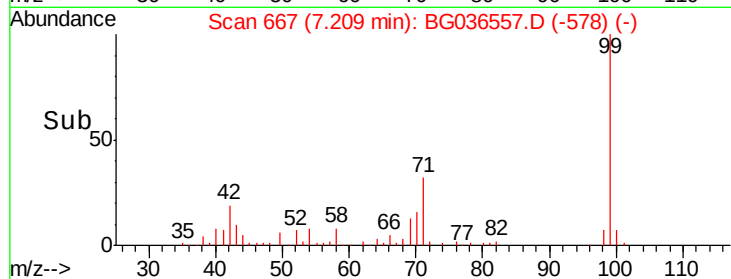
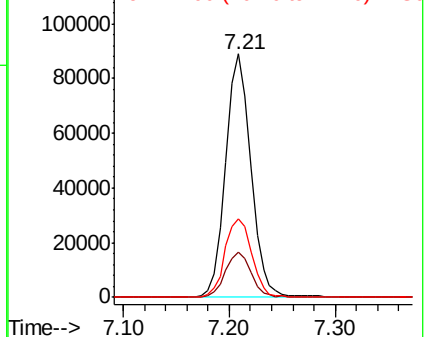
99 100

42 18.6 16.5 24.7

71 32.1 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: 14.686 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BG036557.D

Acq: 5 Sep 2018 8:48

Tgt Ion: 70 Resp: 62479

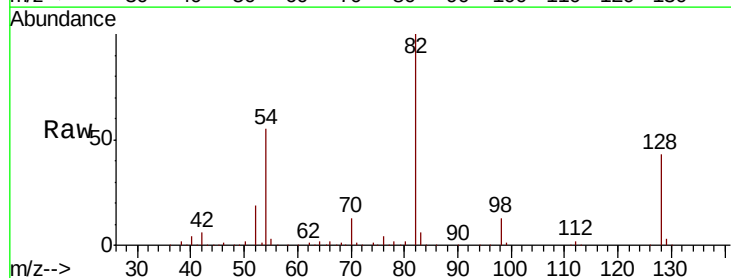
Ion Ratio Lower Upper

70 100

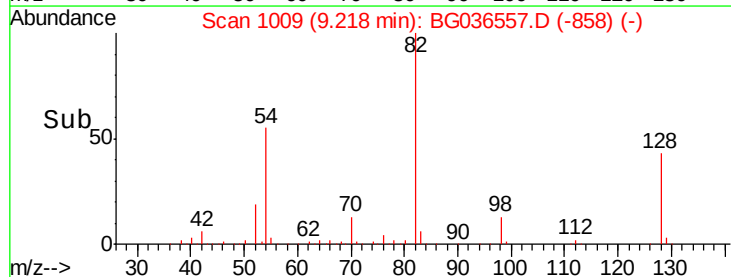
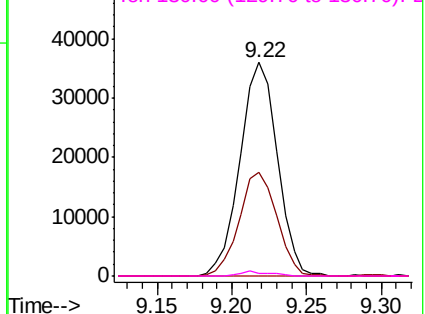
42 48.4 56.2 84.4#

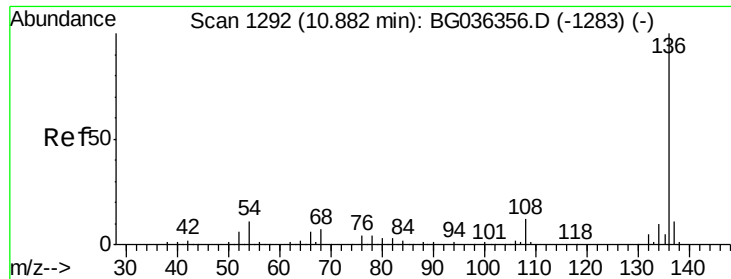
101 0.0 7.8 11.6#

130 1.2 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

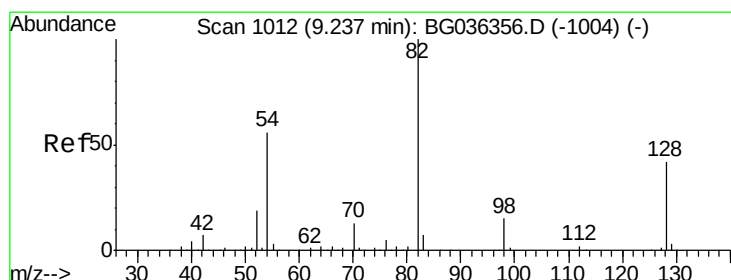
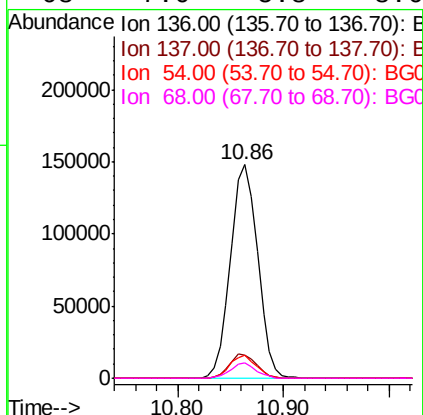
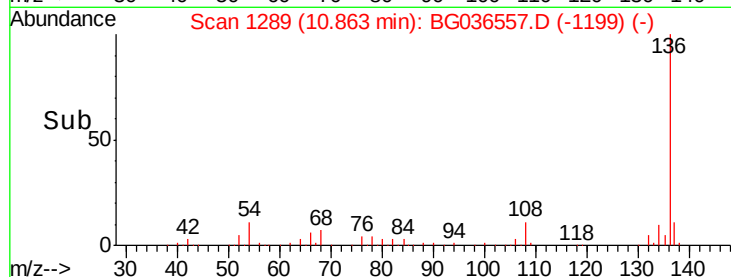
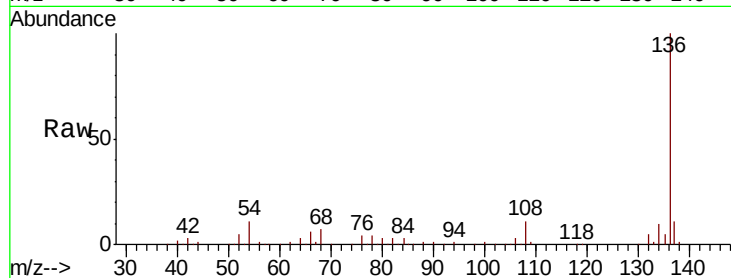




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036557.D
Acq: 5 Sep 2018 8:48

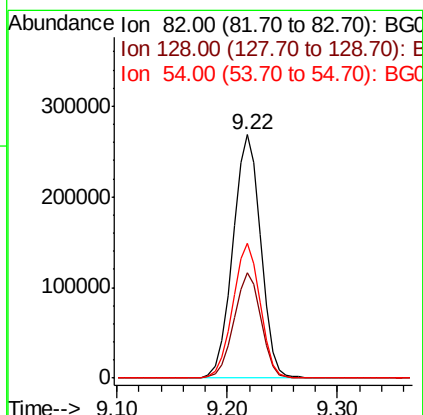
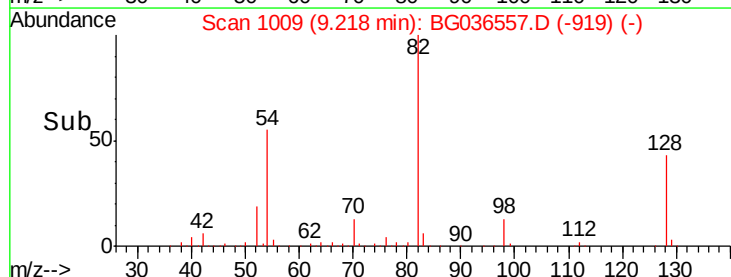
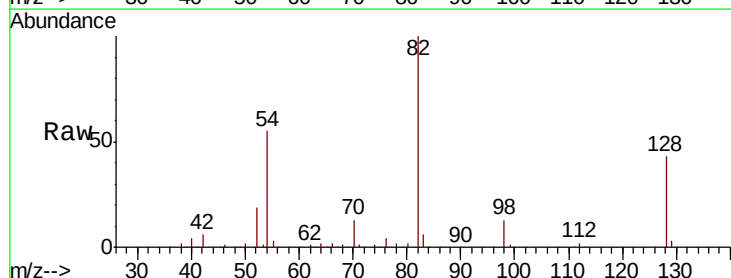
Instrument :
BNA_G
ClientSampled :

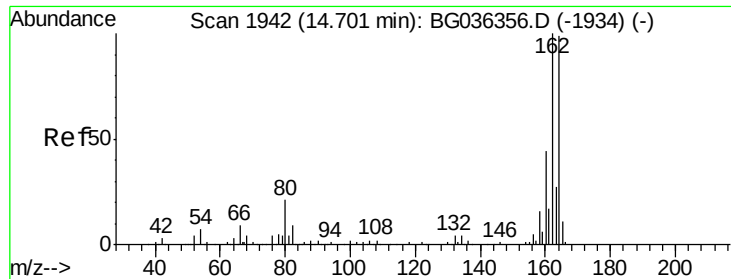
Tot Ion:136	Resp:	263709
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	11.0	9.2 13.8
68	7.0	5.8 8.6



#23
Nitrobenzene-d5
Concen: 97.703 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036557.D
Acq: 5 Sep 2018 8:48

Tgt Ion: 82	Resp:	474873
Ion	Ratio	Lower Upper
82	100	
128	43.1	33.3 49.9
54	55.2	45.1 67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG036557.D

Acq: 5 Sep 2018 8:48

Instrument :

BNA_G

ClientSampleId :

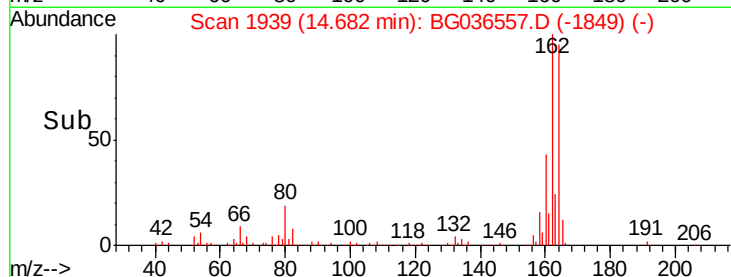
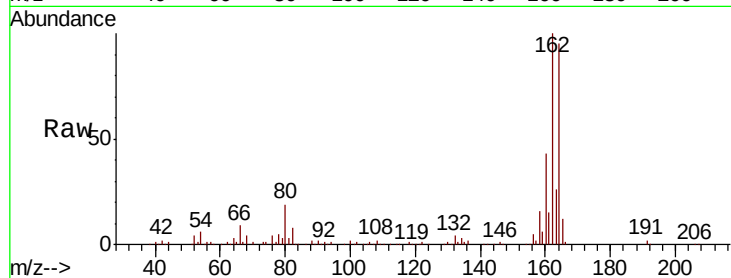
Tot Ion:164 Resp: 173581

Ion Ratio Lower Upper

164 100

162 104.8 80.7 121.1

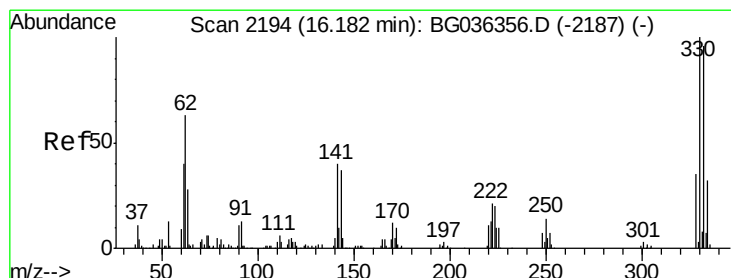
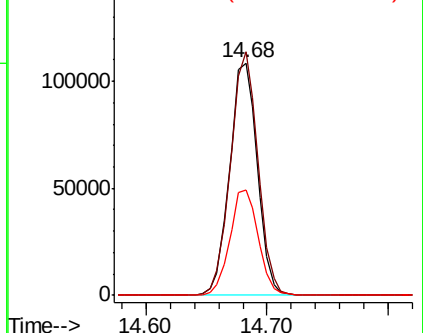
160 45.3 35.3 52.9



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: 99.192 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG036557.D

Acq: 5 Sep 2018 8:48

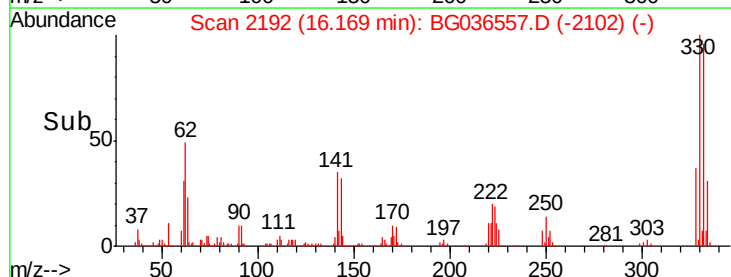
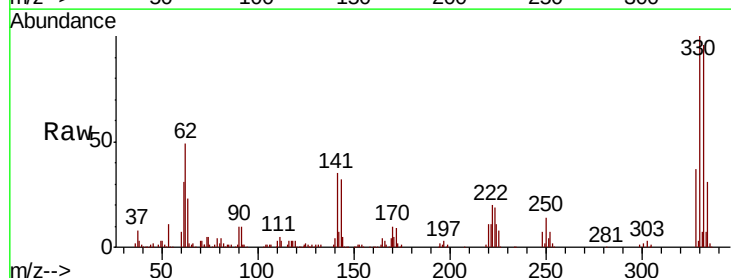
Tgt Ion:330 Resp: 205448

Ion Ratio Lower Upper

330 100

332 95.0 75.4 113.2

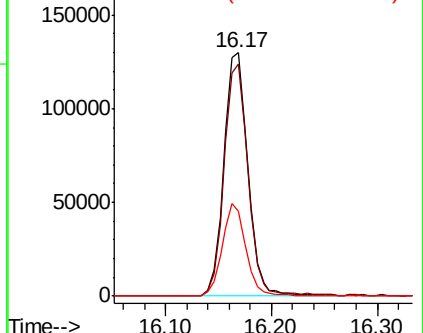
141 37.1 30.7 46.1

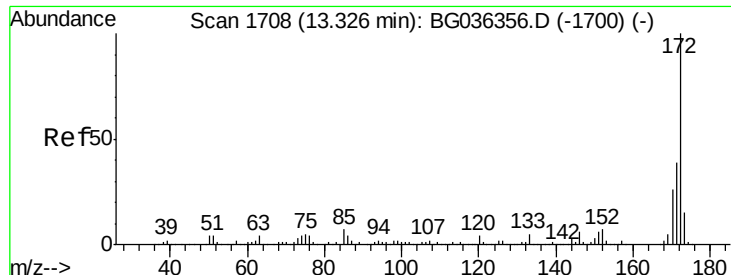


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

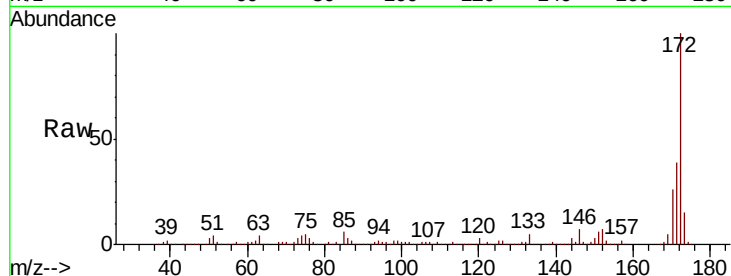




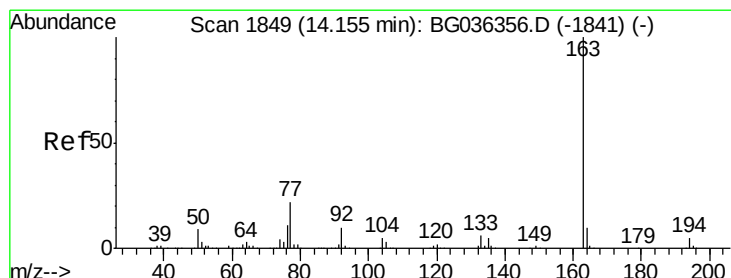
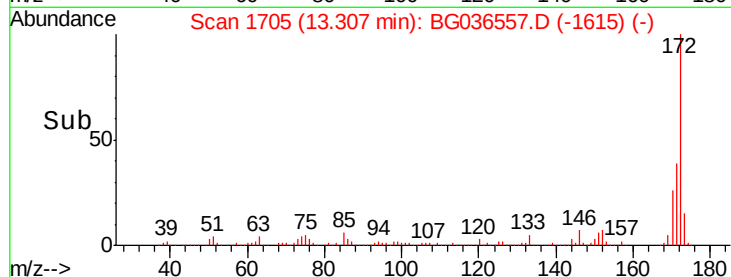
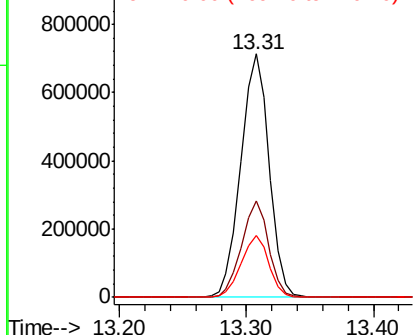
#44
2-Fluorobiphenyl
Concen: 90.822 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036557.D
Acq: 5 Sep 2018 8:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 1104133
Ion Ratio Lower Upper
172 100
171 39.4 31.3 46.9
170 25.6 21.0 31.6

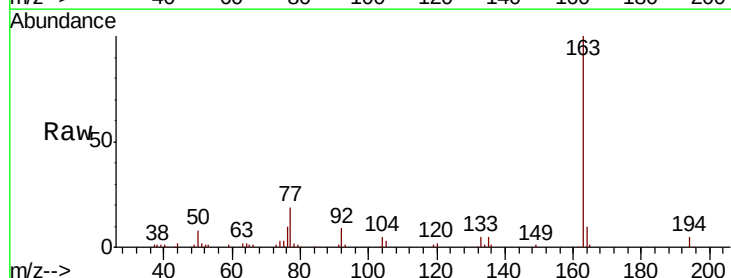


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

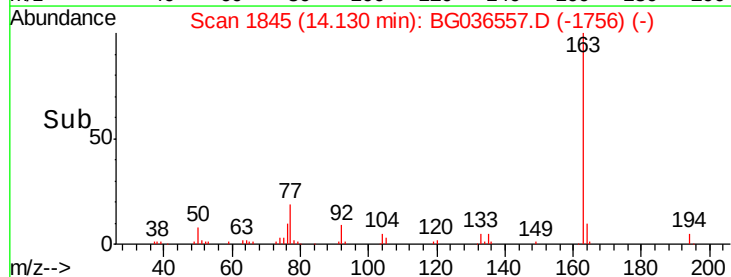
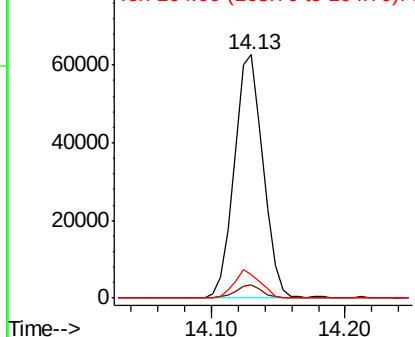


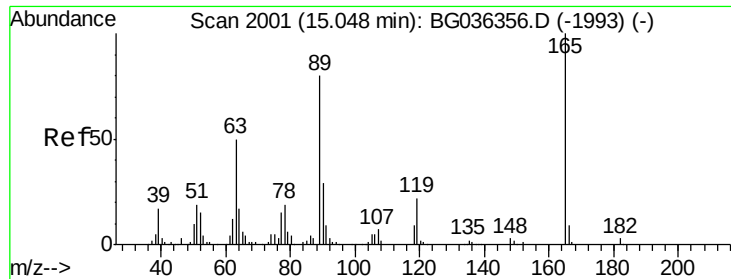
#49
Dimethylphthalate
Concen: 6.616 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036557.D
Acq: 5 Sep 2018 8:48

Tgt Ion:163 Resp: 93776
Ion Ratio Lower Upper
163 100
194 5.5 4.0 6.0
164 9.6 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

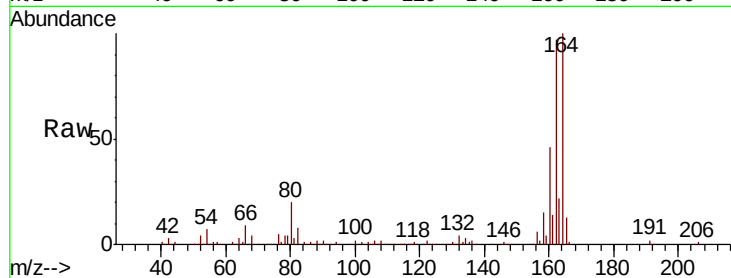




#56
 2,4-Dinitrotoluene
 Concen: 5.896 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036557.D
 Acq: 5 Sep 2018 8:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.1	60.1#
89	1.4	63.7	95.5#
182	0.0	2.5	3.7#



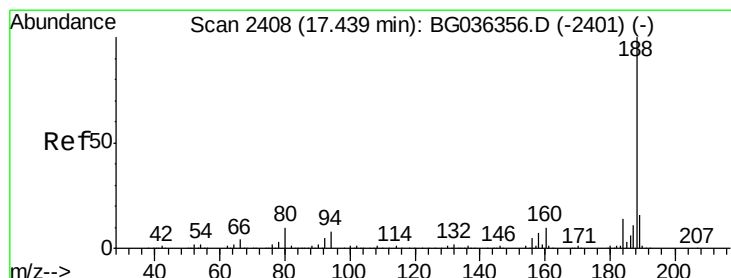
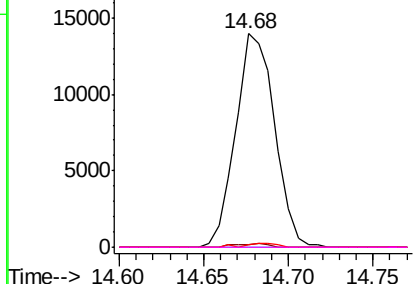
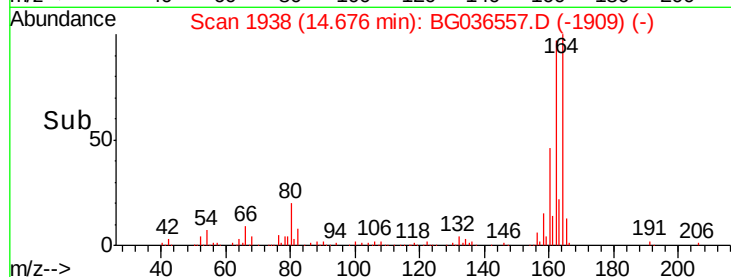
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

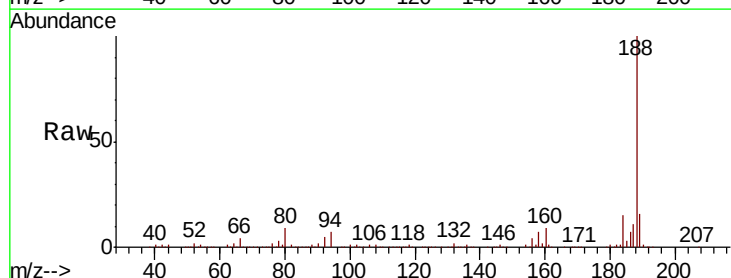
Ion 89.00 (88.70 to 89.70): BGC

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: BG036557.D
 Acq: 5 Sep 2018 8:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	8.9	8.1	12.1

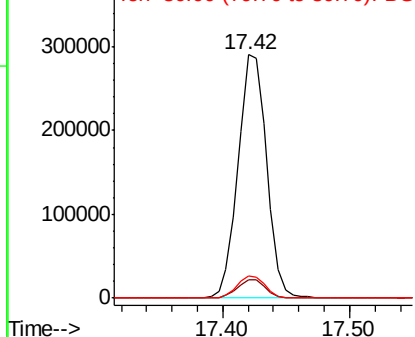
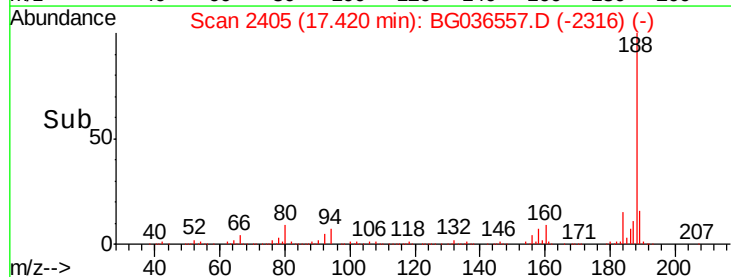


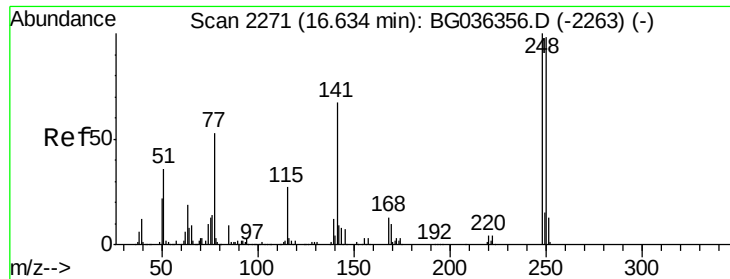
Abundance

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

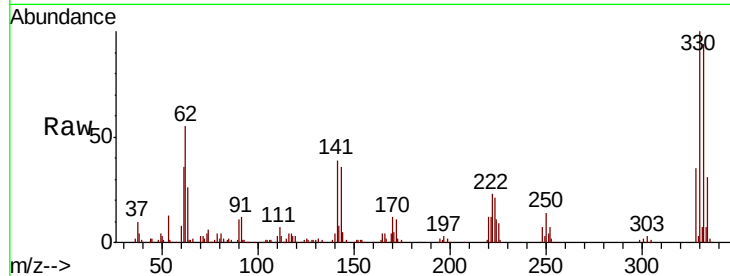




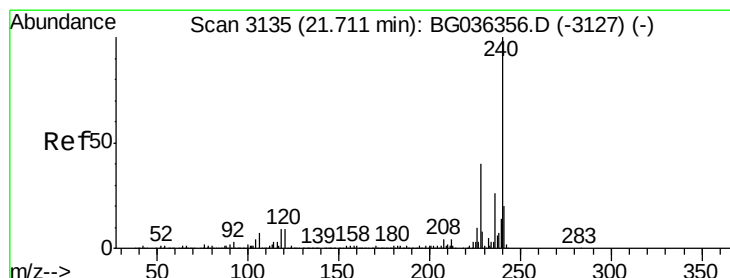
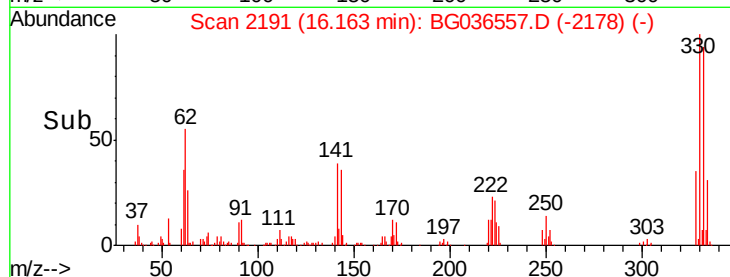
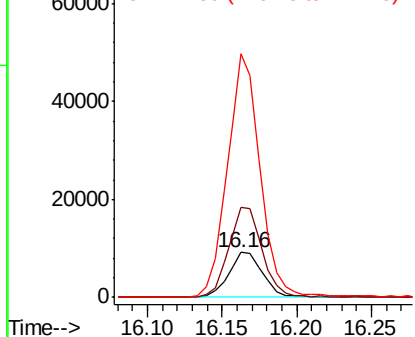
#66
4-Bromophenyl-phenylether
Concen: 2.729 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036557.D
Acq: 5 Sep 2018 8:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 14462
Ion Ratio Lower Upper
248 100
250 201.7 78.1 117.1#
141 546.1 53.7 80.5#

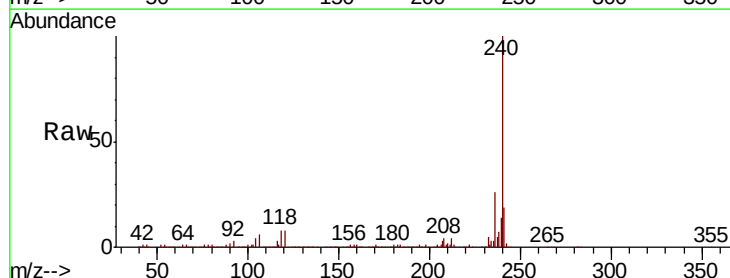


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

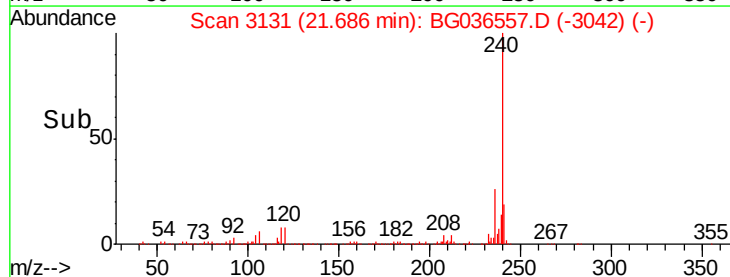
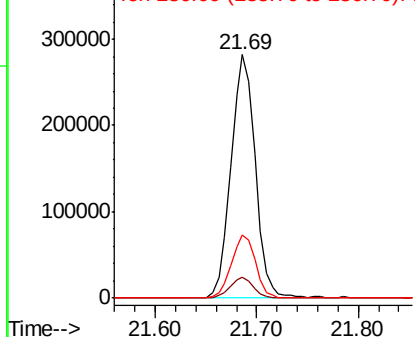


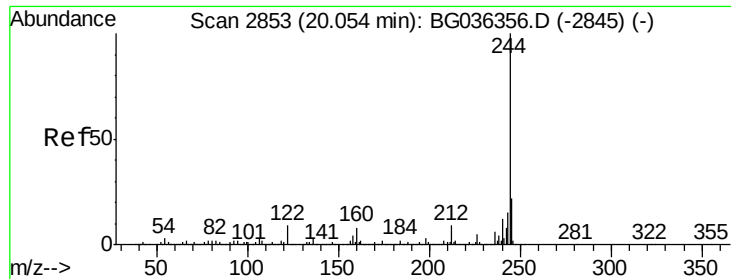
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036557.D
Acq: 5 Sep 2018 8:48

Tgt Ion:240 Resp: 469163
Ion Ratio Lower Upper
240 100
120 8.4 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: 79.650 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036557.D

Acq: 5 Sep 2018 8:48

Instrument :

BNA_G

ClientSampleId :

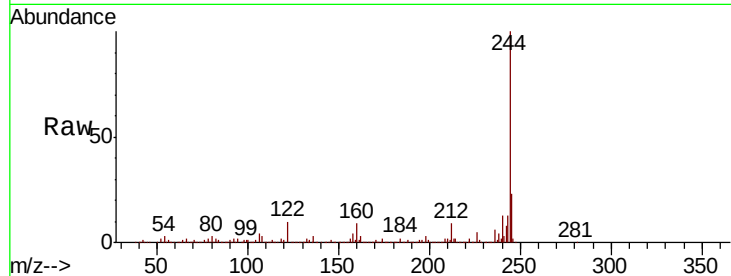
Tot Ion:244 Resp: 1598767

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.9	7.1	10.7

244 100

212 9.1 7.0 10.6

122 9.9 7.1 10.7

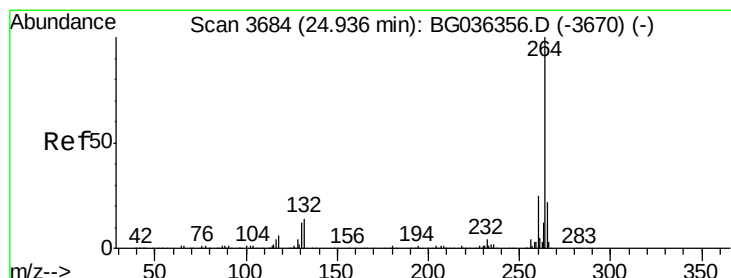
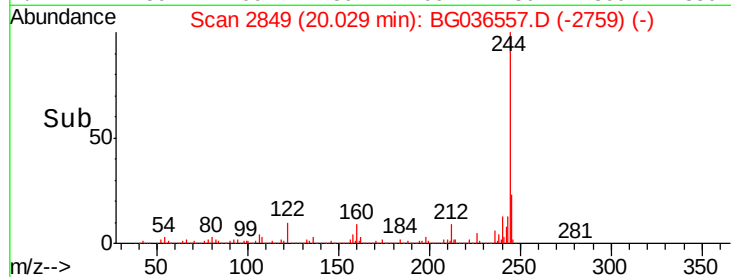
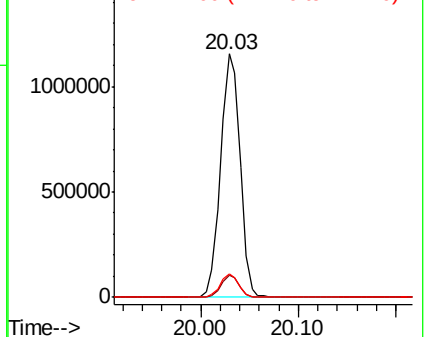


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG036557.D

Acq: 5 Sep 2018 8:48

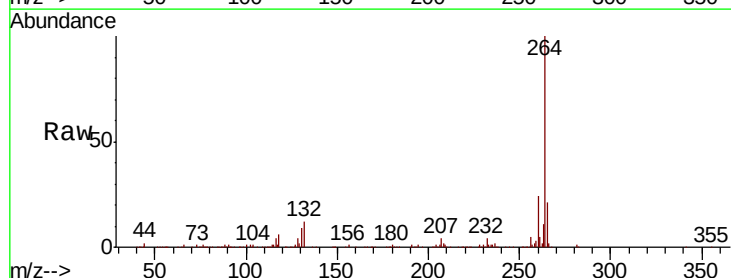
Tgt Ion:264 Resp: 466666

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.2	17.4	26.0

264 100

260 24.1 19.6 29.4

265 21.2 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

