

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036704.D
 Acq On : 14 Sep 2018 12:36
 Operator : JU/SJ
 Sample : J4866-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 13:20:04 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

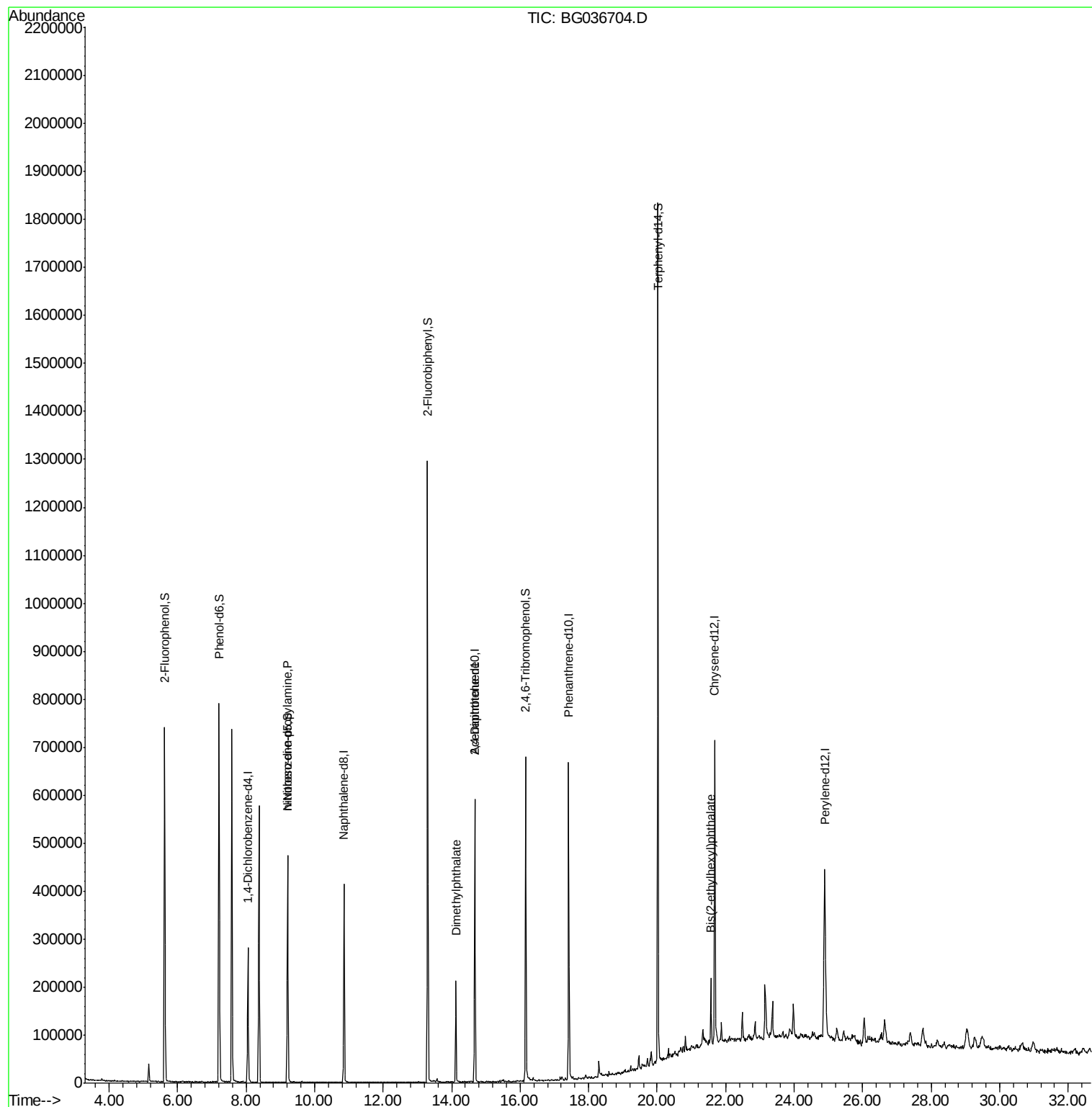
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	82412	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	352732	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	201212	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	434379	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	408005	20.00	ng	-0.01
86) Perylene-d12	24.89	264	414247	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	323913	62.35	ng	0.00
7) Phenol-d6	7.20	99	470385	63.24	ng	-0.01
23) Nitrobenzene-d5	9.21	82	293874	45.20	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	130262	54.26	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	684783	48.59	ng	-0.01
78) Terphenyl-d14	20.02	244	868869	49.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	39078	7.030	ng	# 71
49) Dimethylphthalate	14.12	163	142774	8.690	ng	99
56) 2,4-Dinitrotoluene	14.68	165	27554	6.253	ng	# 21
83) Bis(2-ethylhexyl)phthalate	21.57	149	51711	3.701	ng	97

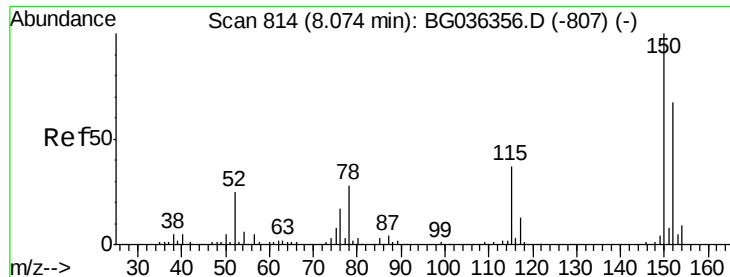
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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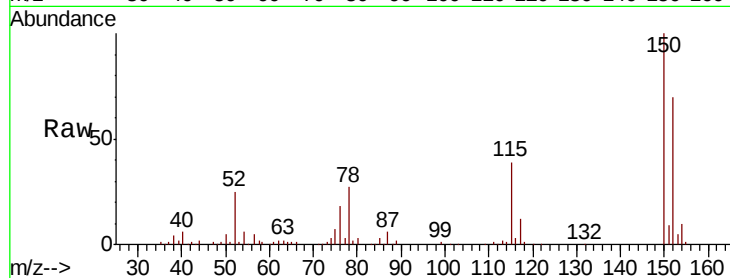


#1

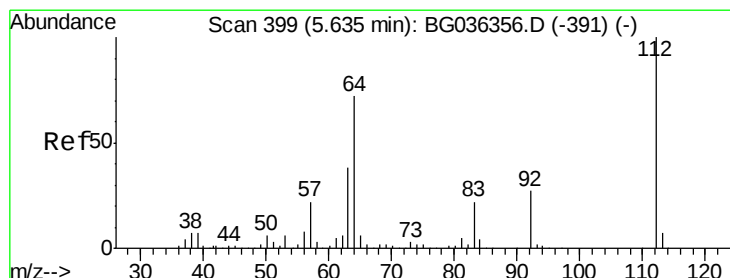
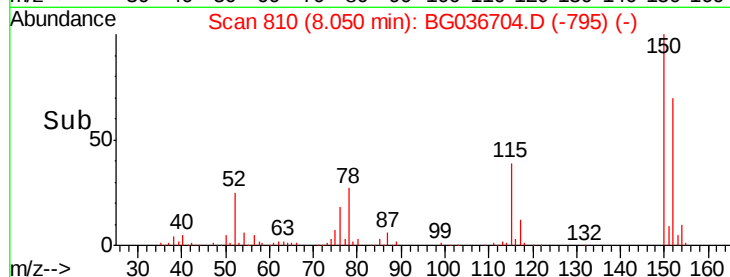
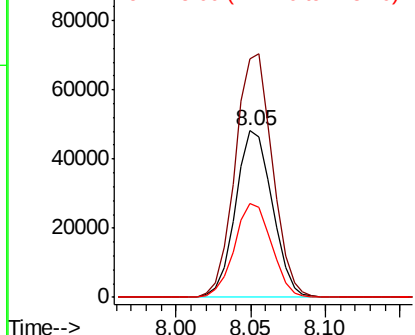
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036704.D
Acq: 14 Sep 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 82412
Ion Ratio Lower Upper
152 100
150 143.8 119.5 179.3
115 56.2 44.5 66.7



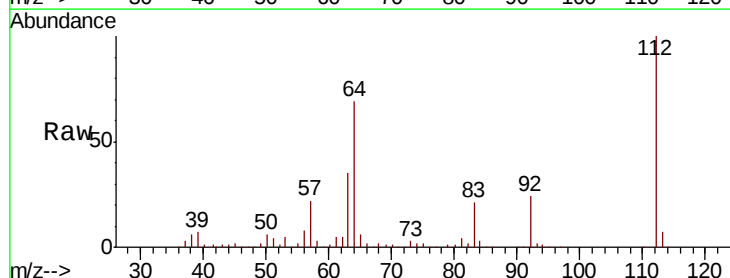
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



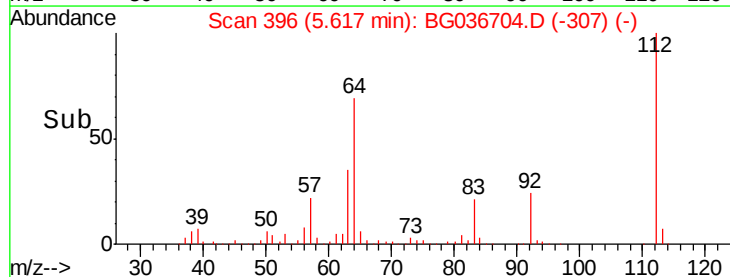
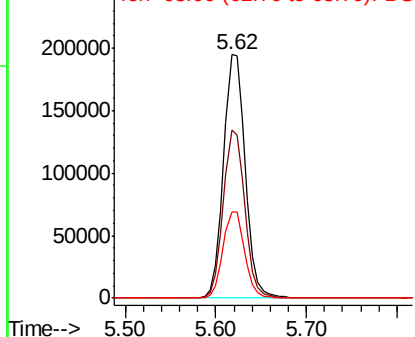
#5

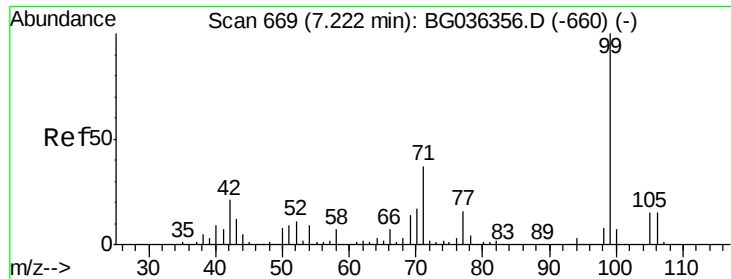
2-Fluorophenol
Concen: 62.348 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036704.D
Acq: 14 Sep 2018 12:36

Tgt Ion:112 Resp: 323913
Ion Ratio Lower Upper
112 100
64 69.2 57.2 85.8
63 35.3 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: 63.238 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036704.D

Acq: 14 Sep 2018 12:36

Instrument :

BNA_G

ClientSampleId :

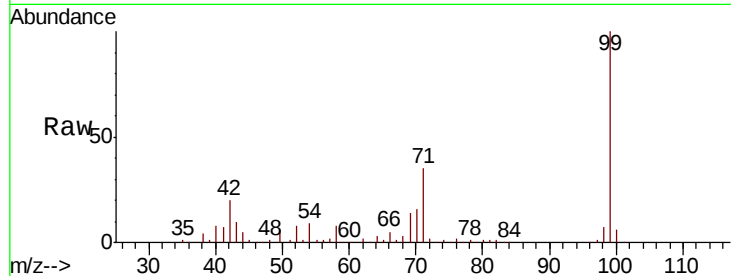
Tot Ion: 99 Resp: 470385

Ion Ratio Lower Upper

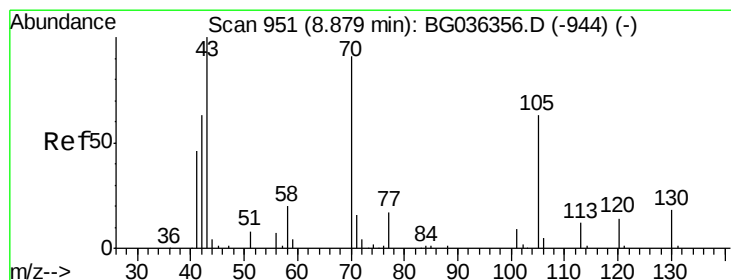
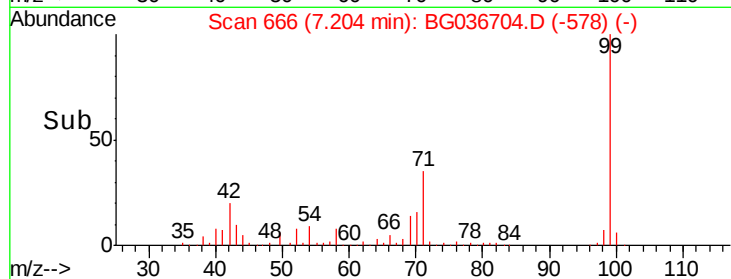
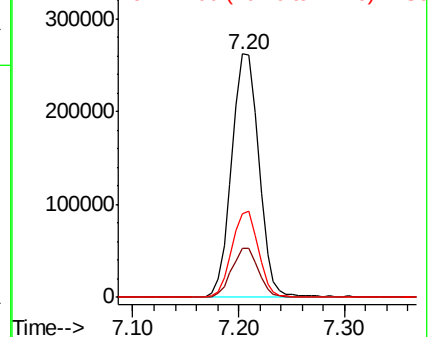
99 100

42 20.3 16.5 24.7

71 34.6 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: 7.030 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036704.D

Acq: 14 Sep 2018 12:36

Tgt Ion: 70 Resp: 39078

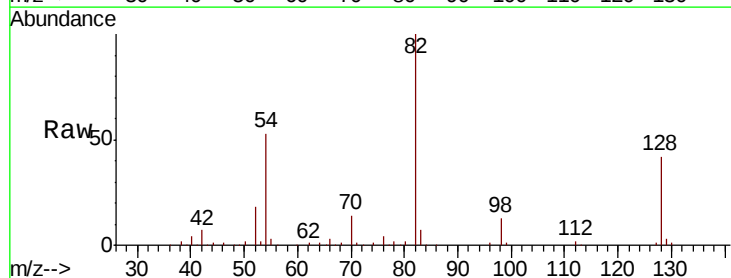
Ion Ratio Lower Upper

70 100

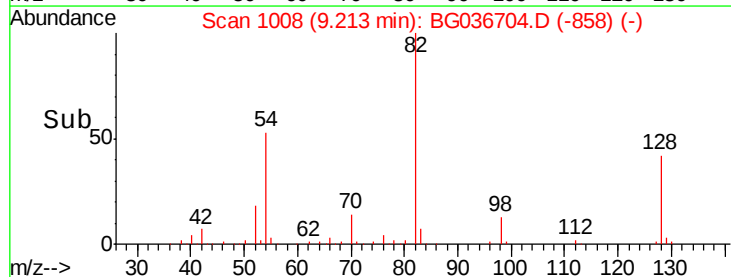
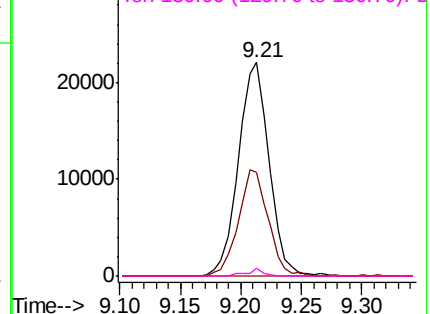
42 48.3 56.2 84.4#

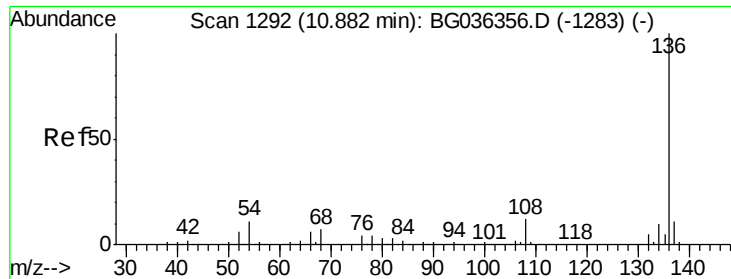
101 0.0 7.8 11.6#

130 3.8 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

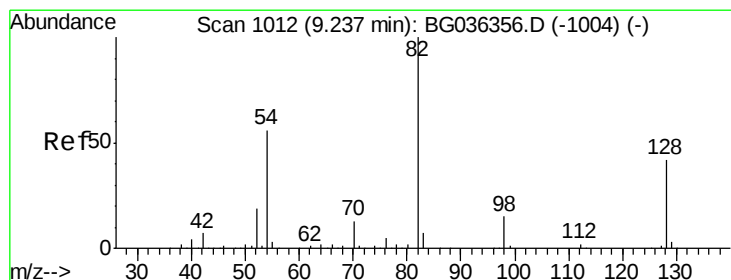
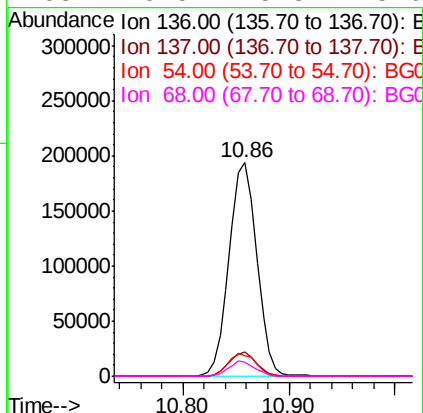
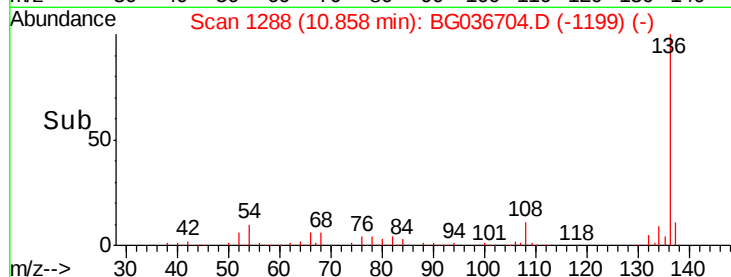
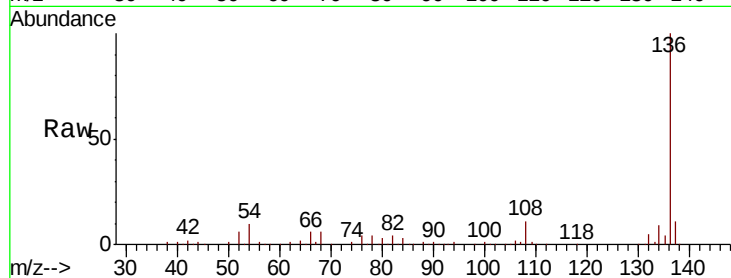




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036704.D
Acq: 14 Sep 2018 12:36

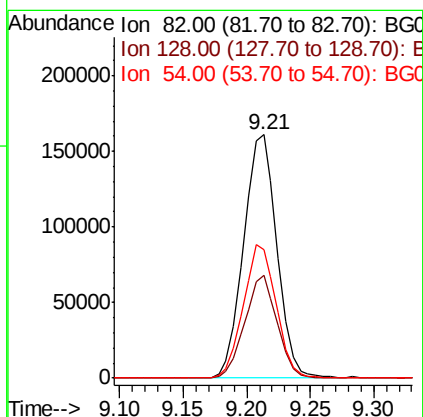
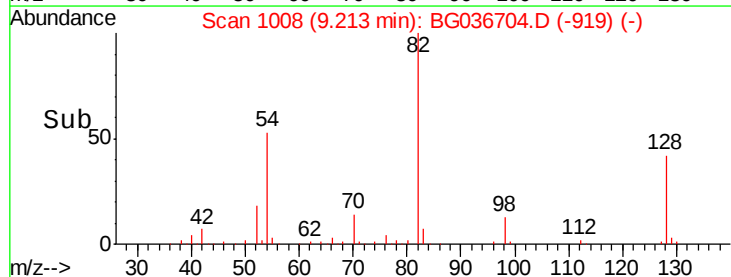
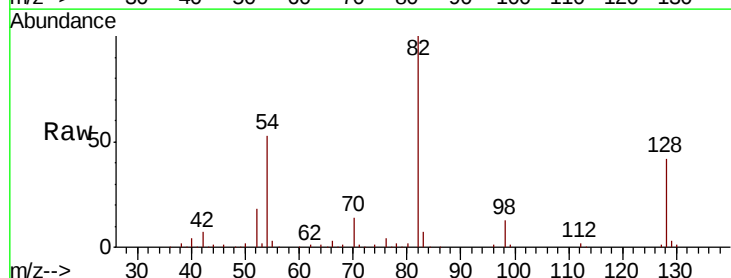
Instrument :
BNA_G
ClientSampleId :

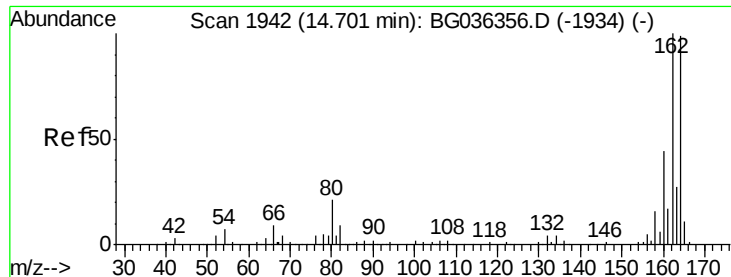
Tot Ion:136	Resp:	352732
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.8 13.2
54	9.9	9.2 13.8
68	6.5	5.8 8.6



#23
Nitrobenzene-d5
Concen: 45.203 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036704.D
Acq: 14 Sep 2018 12:36

Tgt Ion: 82	Resp:	293874
Ion	Ratio	Lower Upper
82	100	
128	42.3	33.3 49.9
54	52.9	45.1 67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036704.D

Acq: 14 Sep 2018 12:36

Instrument :

BNA_G

ClientSampleId :

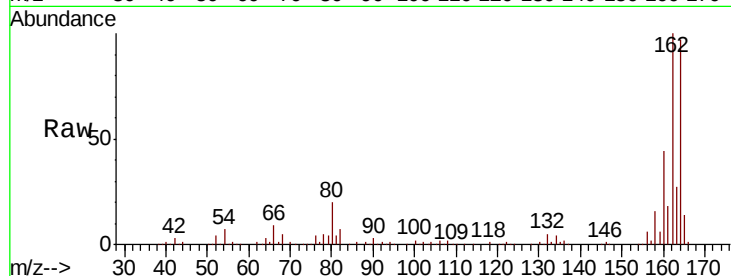
Tot Ion:164 Resp: 201212

Ion Ratio Lower Upper

164 100

162 103.1 80.7 121.1

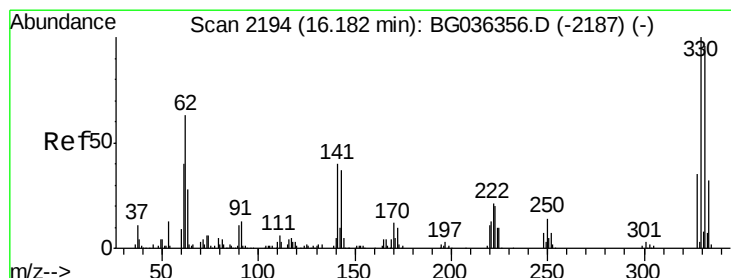
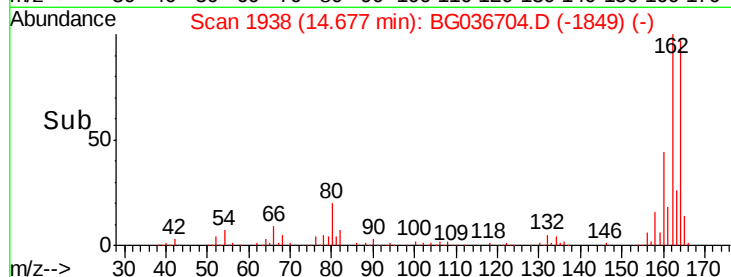
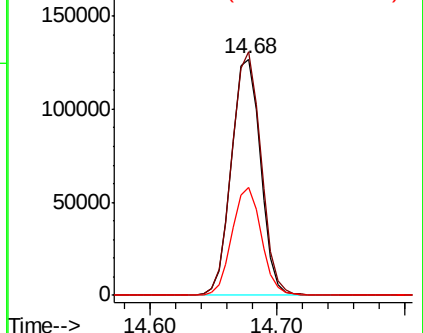
160 45.8 35.3 52.9



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: 54.255 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036704.D

Acq: 14 Sep 2018 12:36

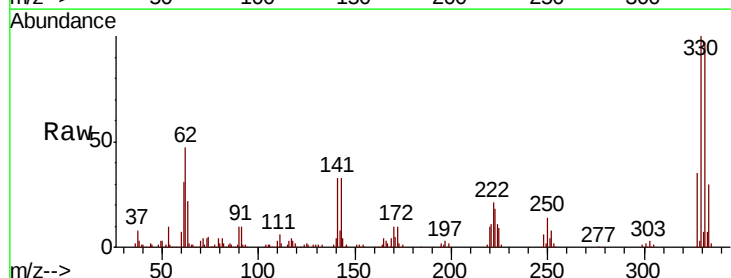
Tgt Ion:330 Resp: 130262

Ion Ratio Lower Upper

330 100

332 96.9 75.4 113.2

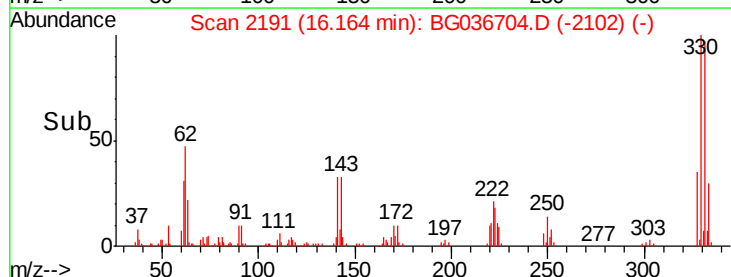
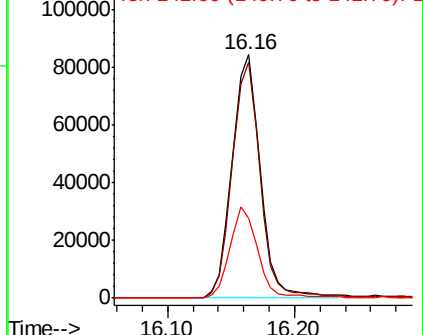
141 37.0 30.7 46.1

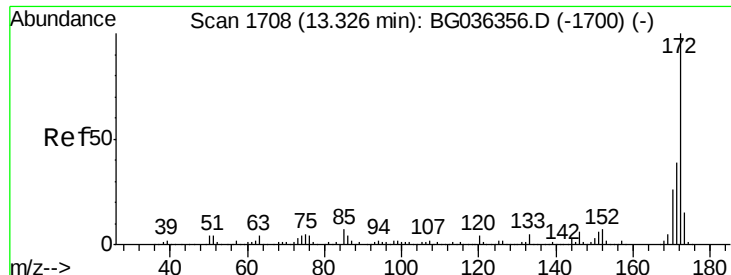


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

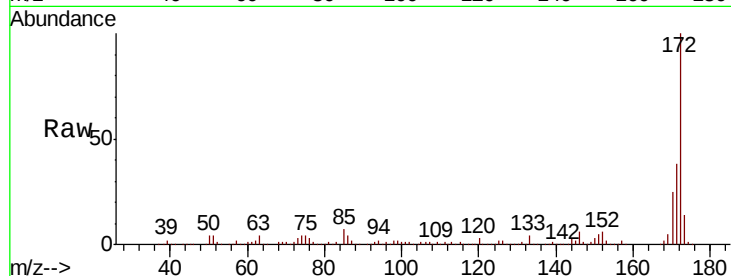




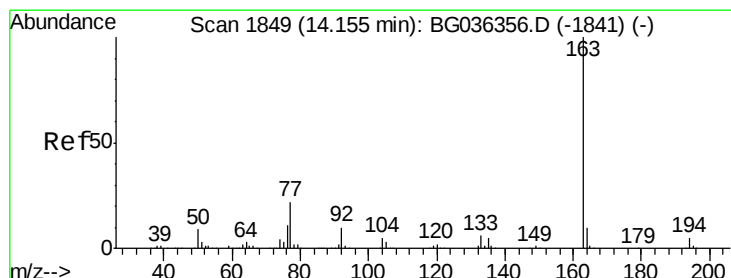
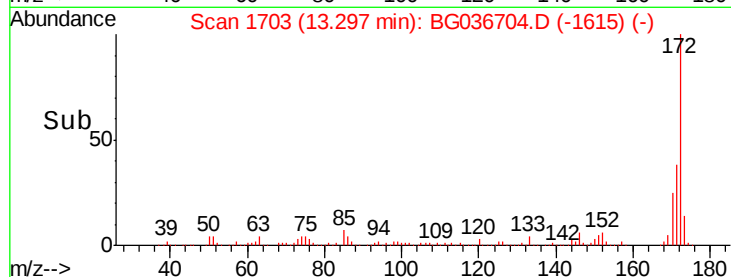
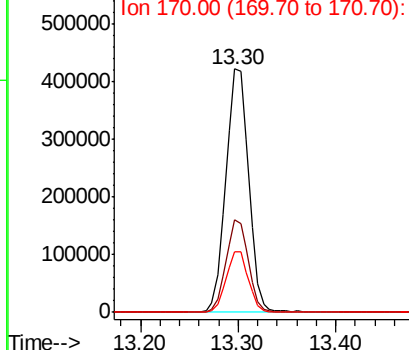
#44
2-Fluorobiphenyl
Concen: 48.593 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036704.D
Acq: 14 Sep 2018 12:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 684783
Ion Ratio Lower Upper
172 100
171 37.8 31.3 46.9
170 25.0 21.0 31.6

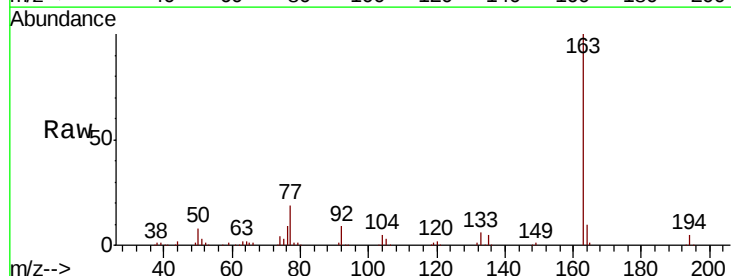


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

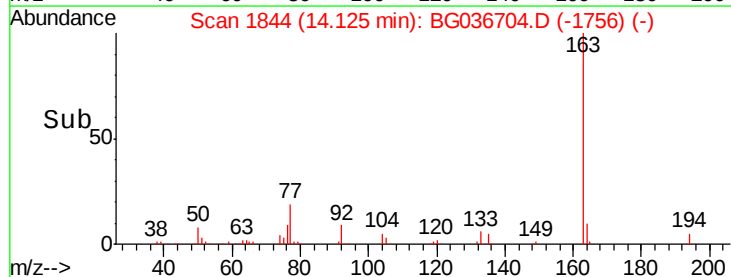
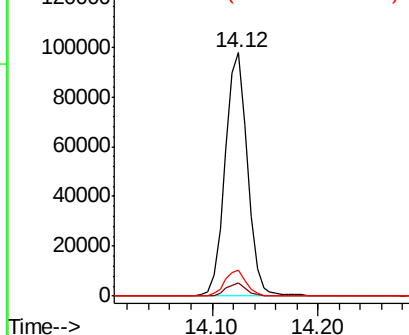


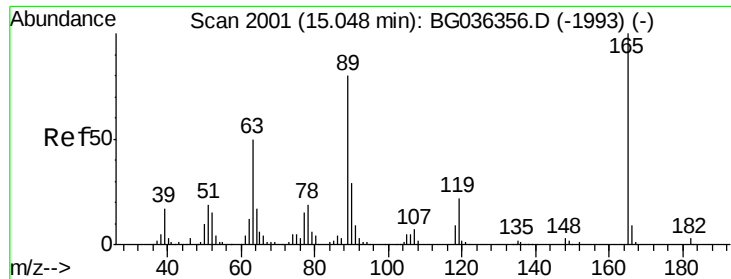
#49
Dimethylphthalate
Concen: 8.690 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG036704.D
Acq: 14 Sep 2018 12:36

Tgt Ion:163 Resp: 142774
Ion Ratio Lower Upper
163 100
194 5.2 4.0 6.0
164 10.4 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: 6.253 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.36 min

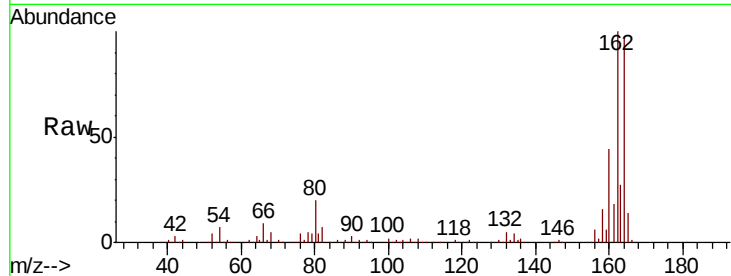
Lab File: BG036704.D

Acq: 14 Sep 2018 12:36

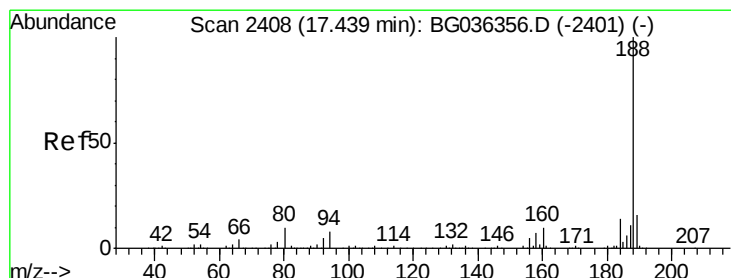
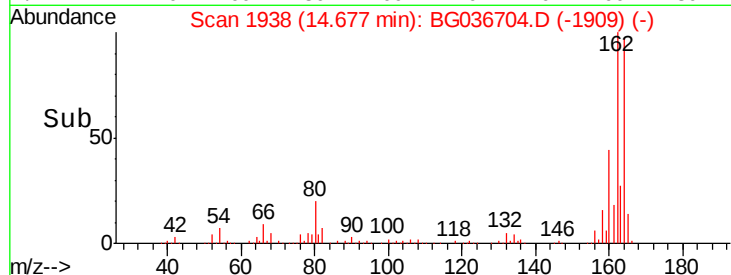
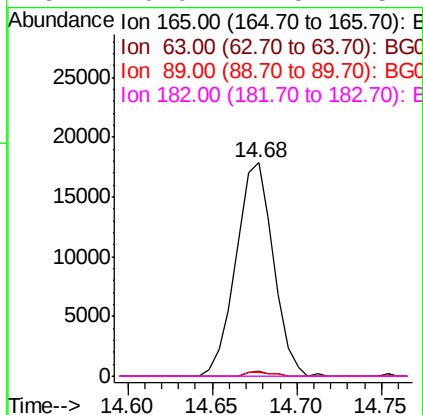
Instrument :

BNA_G

ClientSampled :



Tot Ion:	165	Resp:	27554
Ion	Ratio	Lower	Upper
165	100		
63	2.3	40.1	60.1#
89	2.1	63.7	95.5#
182	0.0	2.5	3.7#



#63

Phenanthrene-d10

Concen: 20.000 ng

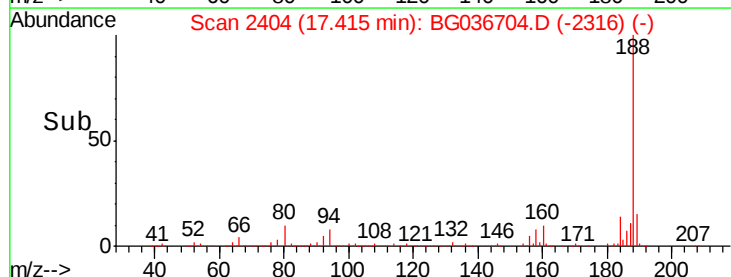
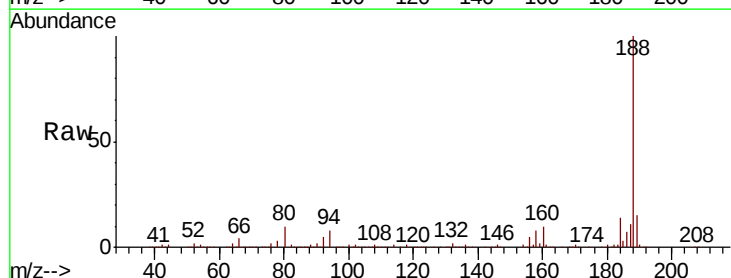
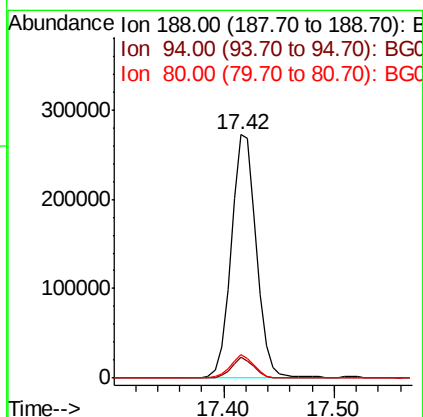
RT: 17.42 min Scan# 2404

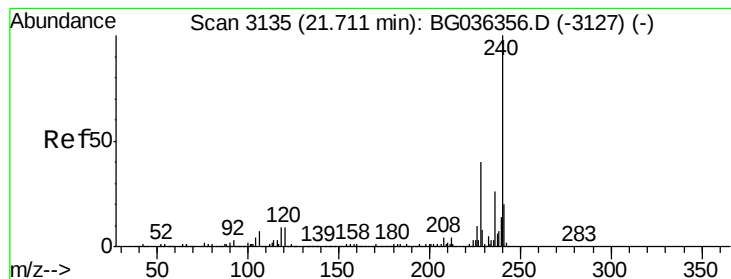
Delta R.T. -0.01 min

Lab File: BG036704.D

Acq: 14 Sep 2018 12:36

Tgt Ion:	188	Resp:	434379
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	9.5	8.1	12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036704.D

Acq: 14 Sep 2018 12:36

Instrument :

BNA_G

ClientSampleId :

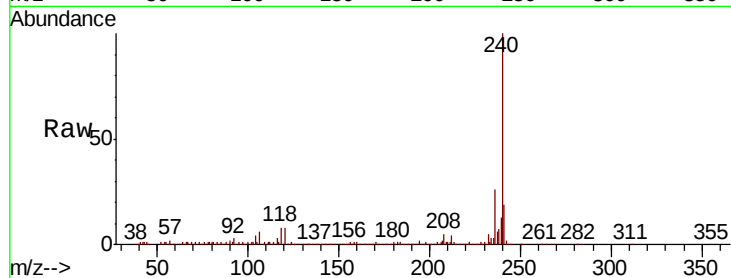
Tot Ion:240 Resp: 408005

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

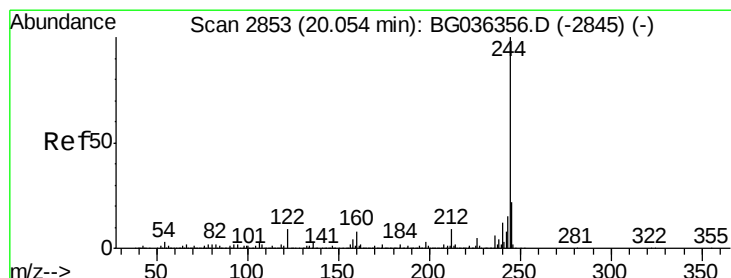
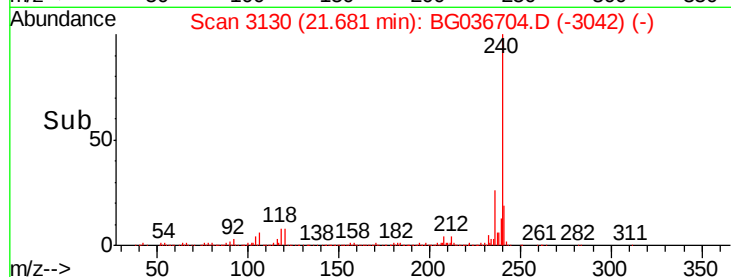
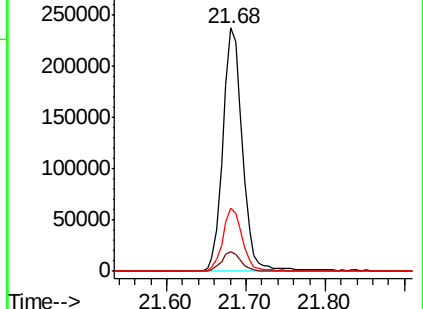
236 25.8 21.2 31.8



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: 49.775 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036704.D

Acq: 14 Sep 2018 12:36

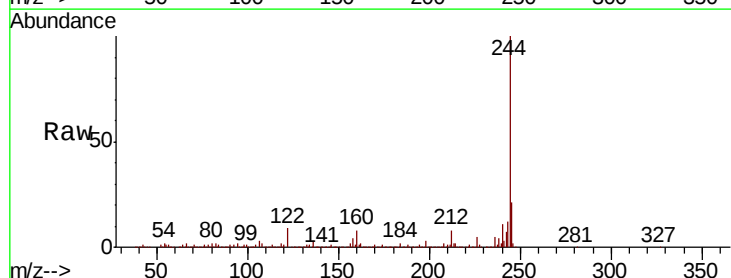
Tgt Ion:244 Resp: 868869

Ion Ratio Lower Upper

244 100

212 7.6 7.0 10.6

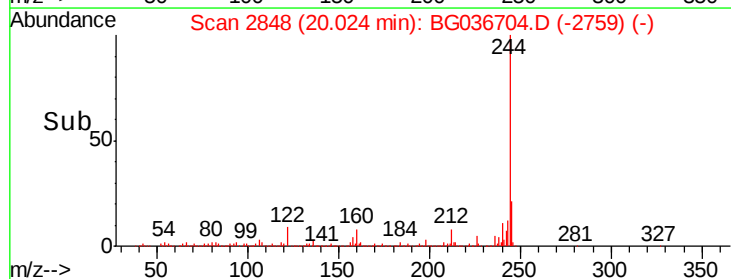
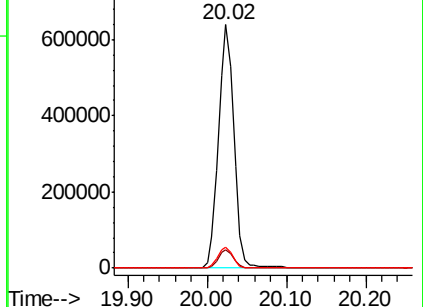
122 8.7 7.1 10.7

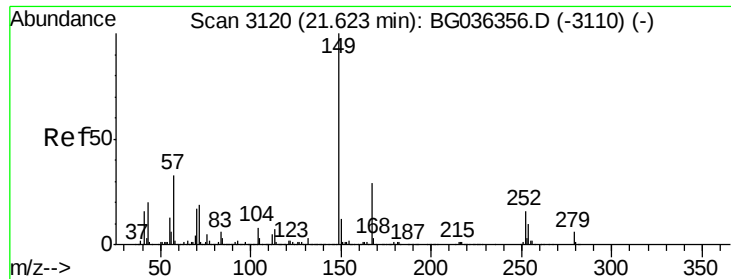


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

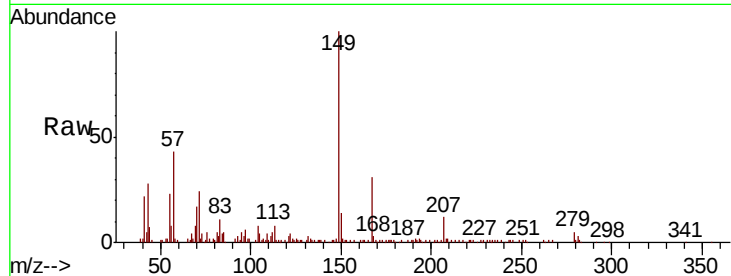




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.701 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.02 min
 Lab File: BG036704.D
 Acq: 14 Sep 2018 12:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.9	23.4	35.0
279	5.0	4.6	7.0

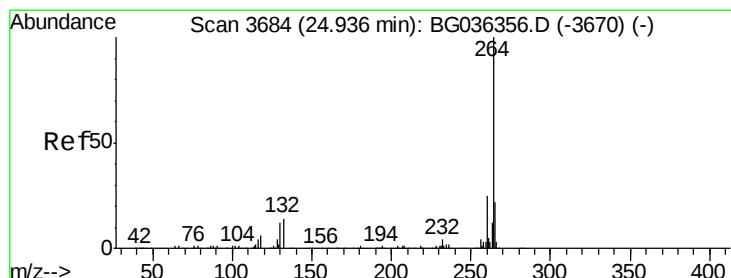
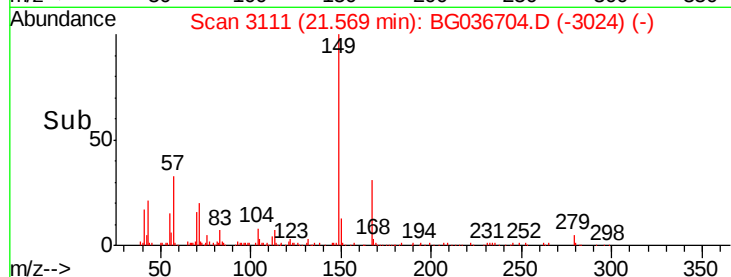
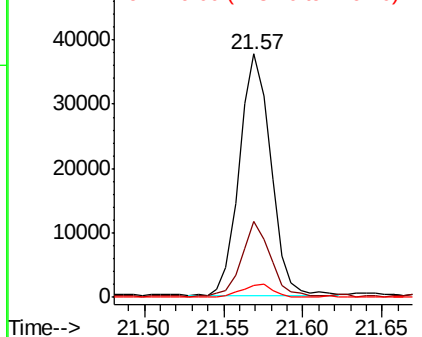


Abundance

Ion 149.00 (148.70 to 149.70): E

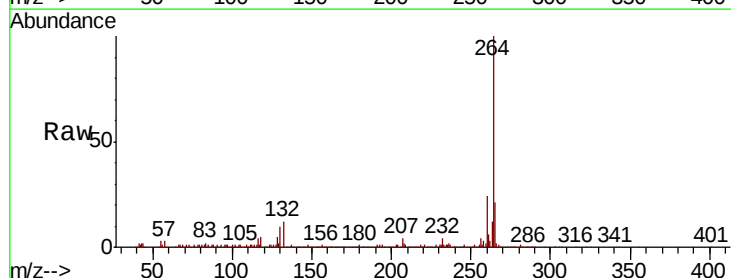
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.01 min
 Lab File: BG036704.D
 Acq: 14 Sep 2018 12:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.5	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

