

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036705.D
 Acq On : 14 Sep 2018 13:15
 Operator : JU/SJ
 Sample : J4866-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 17:13:23 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

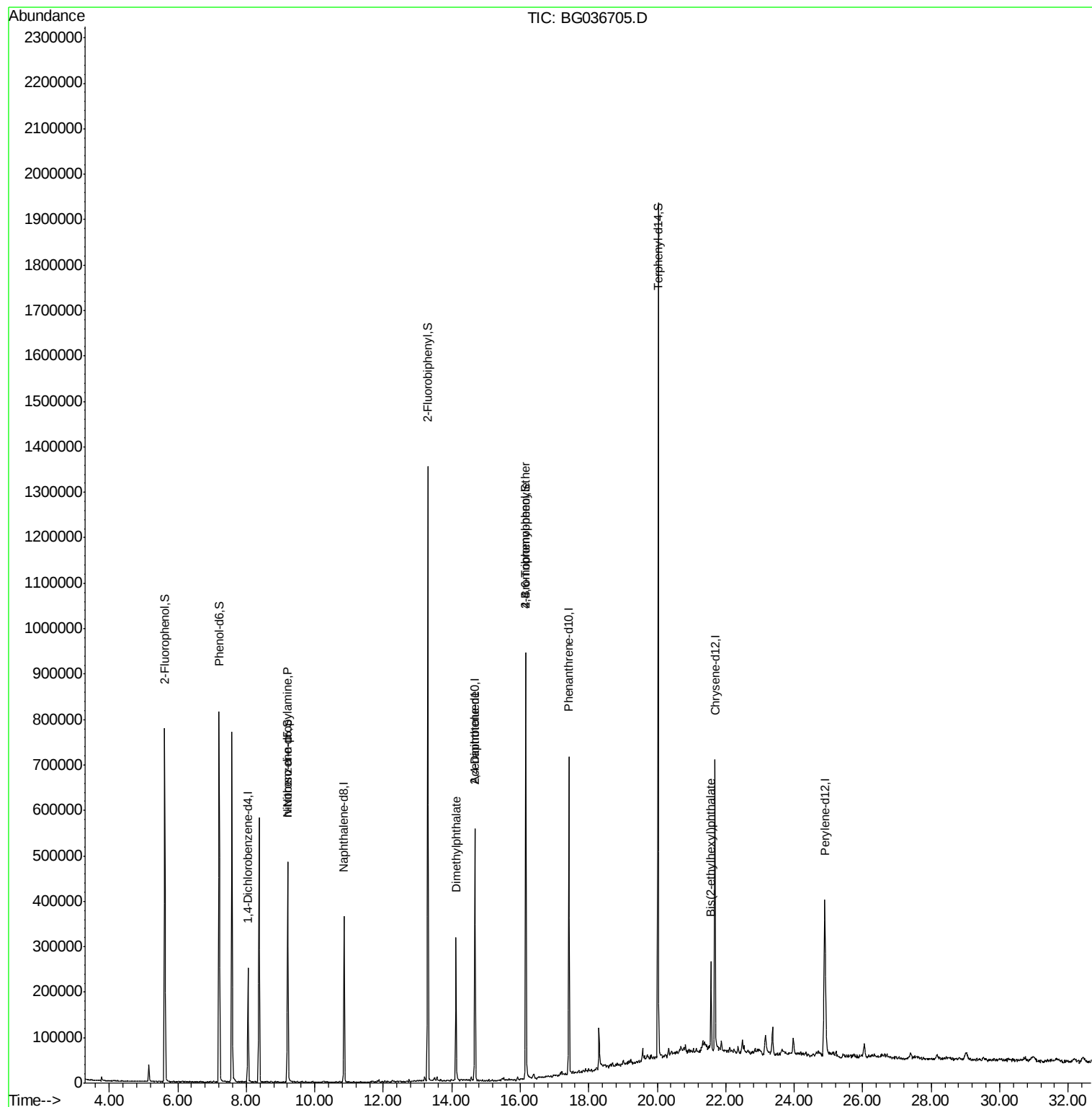
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	72375	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	311713	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	193490	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	436123	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	411946	20.00	ng	-0.01
86) Perylene-d12	24.89	264	411061	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	323592	70.92	ng	0.00
7) Phenol-d6	7.21	99	468382	71.70	ng	-0.01
23) Nitrobenzene-d5	9.21	82	291562	50.75	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	175640	76.08	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	693728	51.19	ng	-0.01
78) Terphenyl-d14	20.03	244	943975	53.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	39243	8.038	ng	# 70
49) Dimethylphthalate	14.12	163	202907	12.843	ng	# 99
56) 2,4-Dinitrotoluene	14.67	165	25302	5.971	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	12860	2.519	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.57	149	77942	5.525	ng	# 99

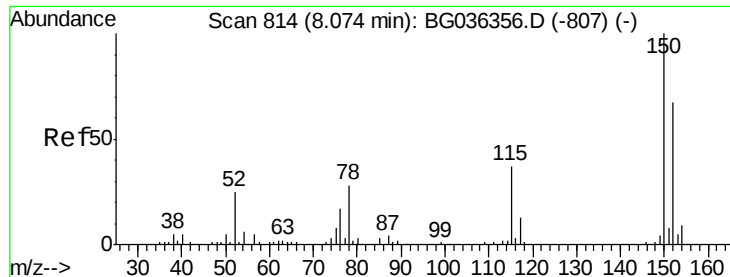
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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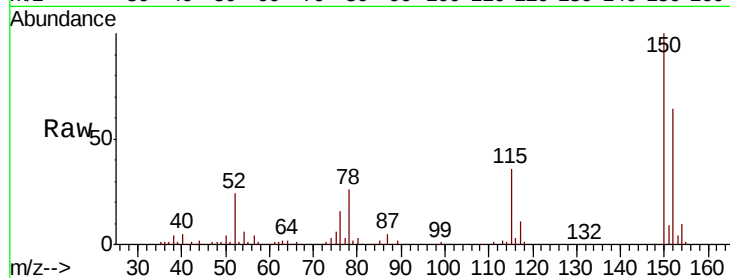


#1

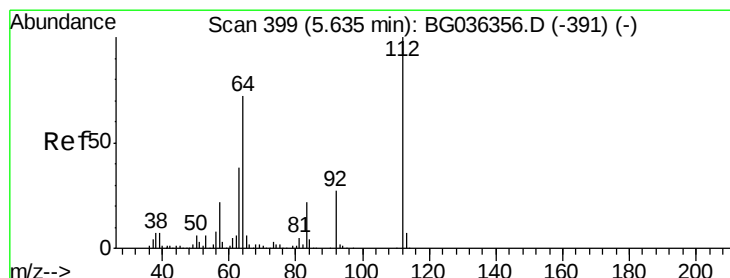
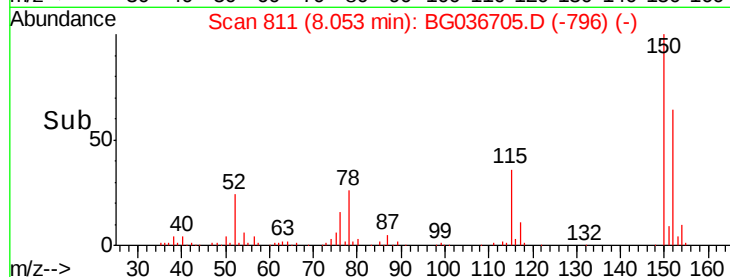
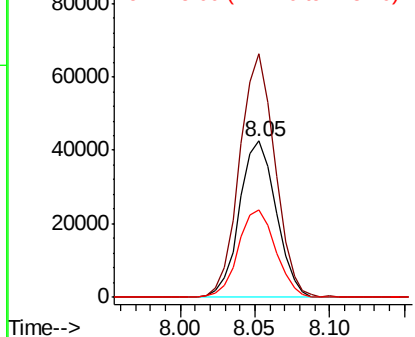
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036705.D
 Acq: 14 Sep 2018 13:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 72375
 Ion Ratio Lower Upper
 152 100
 150 156.0 119.5 179.3
 115 56.2 44.5 66.7



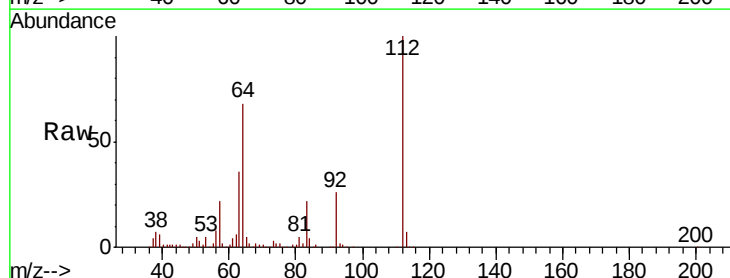
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



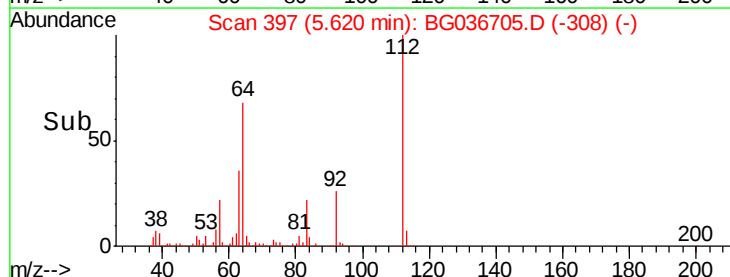
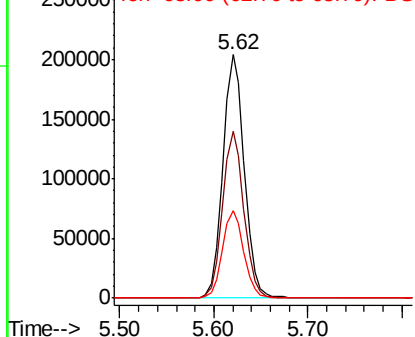
#5

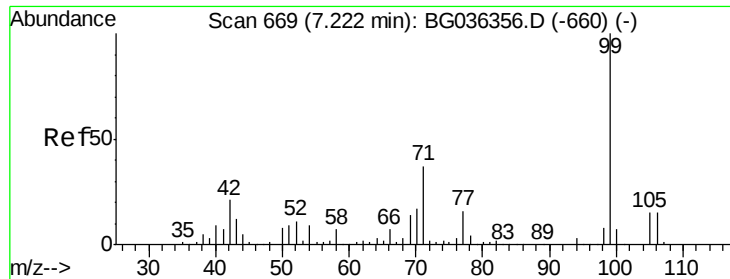
2-Fluorophenol
 Concen: 70.924 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036705.D
 Acq: 14 Sep 2018 13:15

Tgt Ion:112 Resp: 323592
 Ion Ratio Lower Upper
 112 100
 64 68.4 57.2 85.8
 63 35.9 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: 71.701 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036705.D

Acq: 14 Sep 2018 13:15

Instrument :

BNA_G

ClientSampleId :

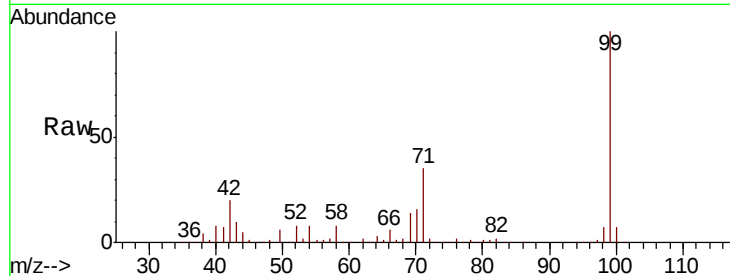
Tot Ion: 99 Resp: 468382

Ion Ratio Lower Upper

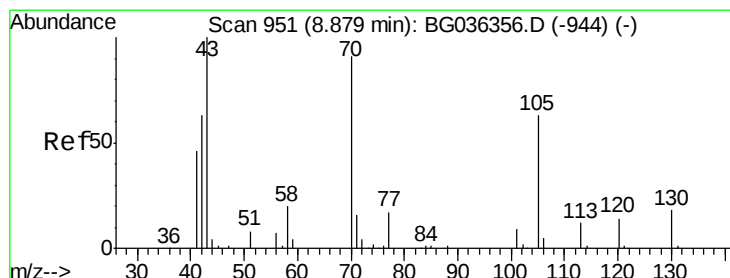
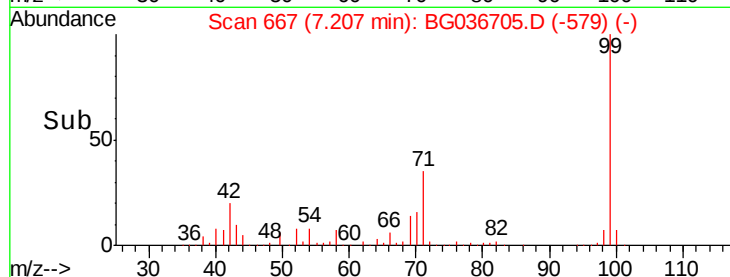
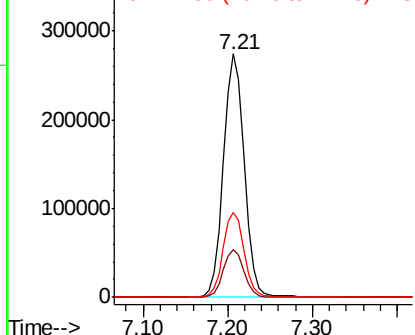
99 100

42 19.7 16.5 24.7

71 35.0 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: 8.038 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036705.D

Acq: 14 Sep 2018 13:15

Tgt Ion: 70 Resp: 39243

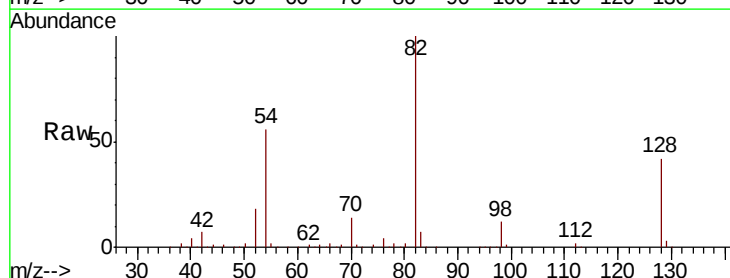
Ion Ratio Lower Upper

70 100

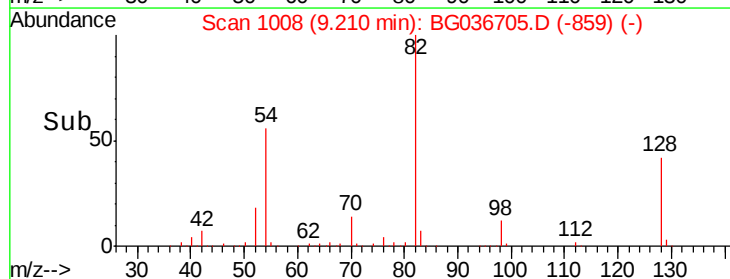
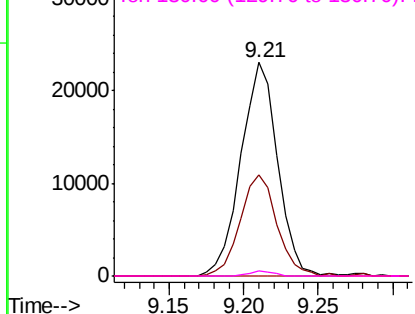
42 47.5 56.2 84.4#

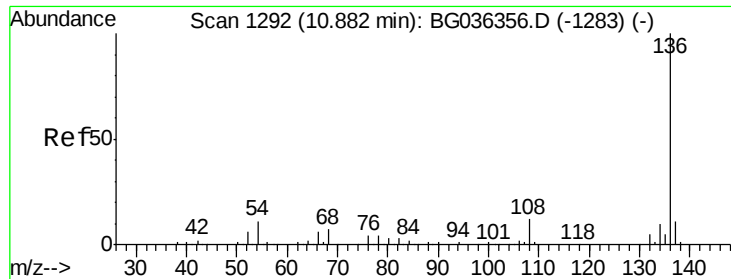
101 0.0 7.8 11.6#

130 2.6 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

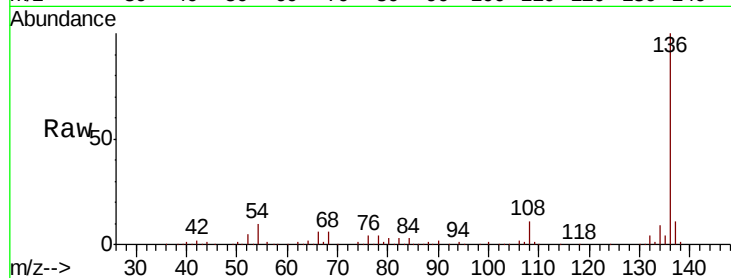




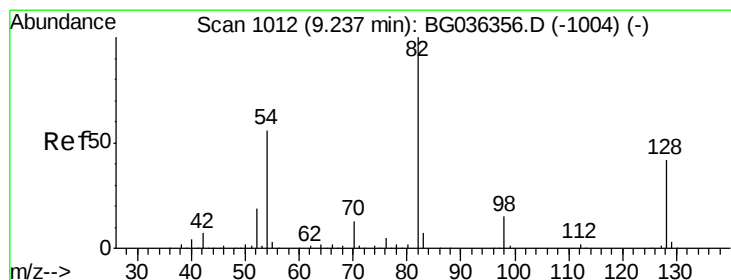
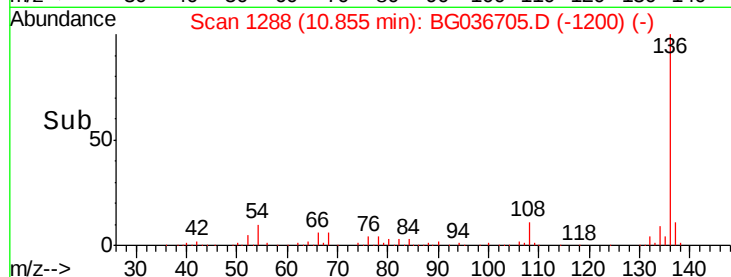
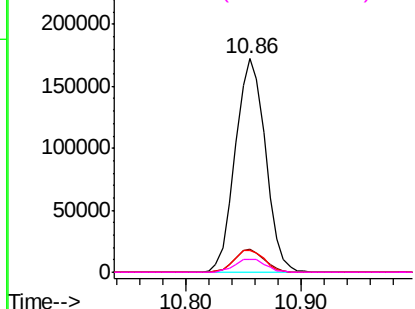
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036705.D
Acq: 14 Sep 2018 13:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	311713
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.8 13.2
54	10.1	9.2 13.8
68	6.0	5.8 8.6

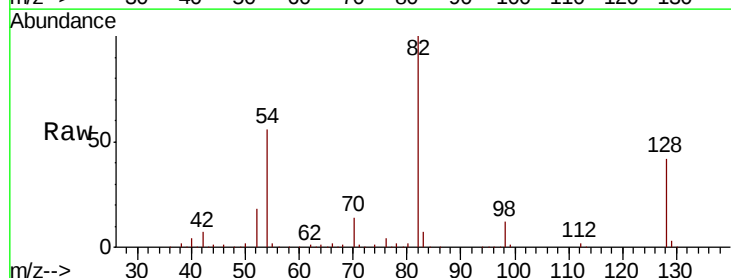


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

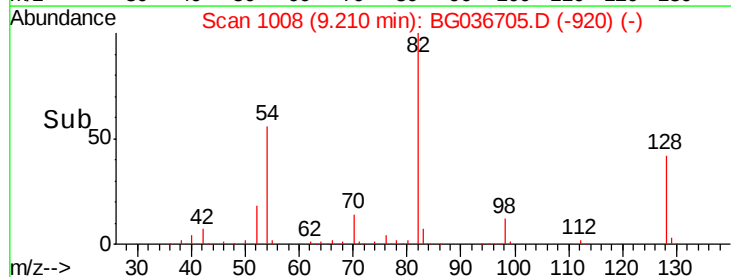
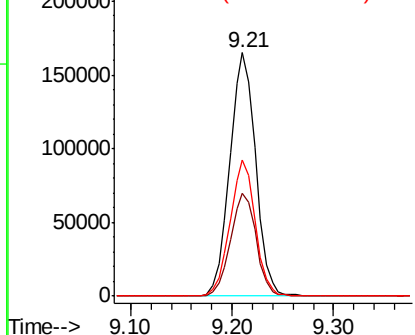


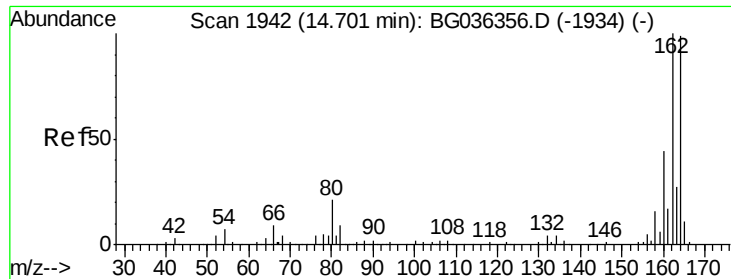
#23
Nitrobenzene-d5
Concen: 50.749 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036705.D
Acq: 14 Sep 2018 13:15

Tgt Ion: 82	Resp:	291562
Ion	Ratio	Lower Upper
82	100	
128	42.4	33.3 49.9
54	55.7	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: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036705.D

Acq: 14 Sep 2018 13:15

Instrument :

BNA_G

ClientSampleId :

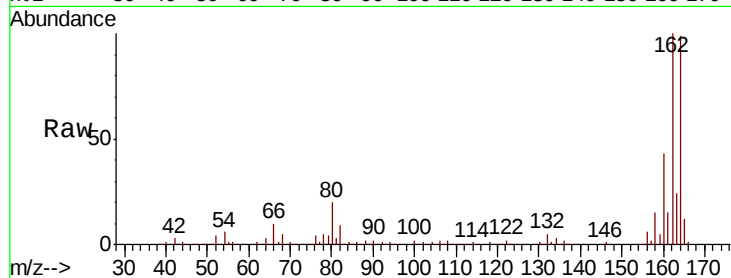
Tot Ion:164 Resp: 193490

Ion Ratio Lower Upper

164 100

162 101.2 80.7 121.1

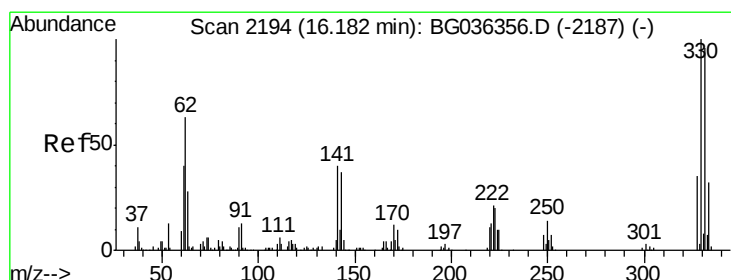
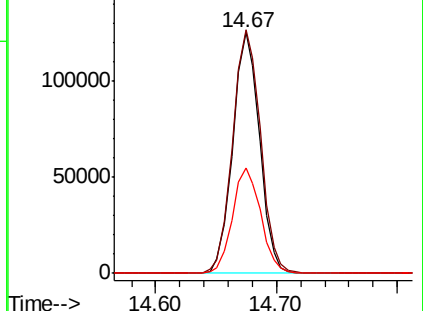
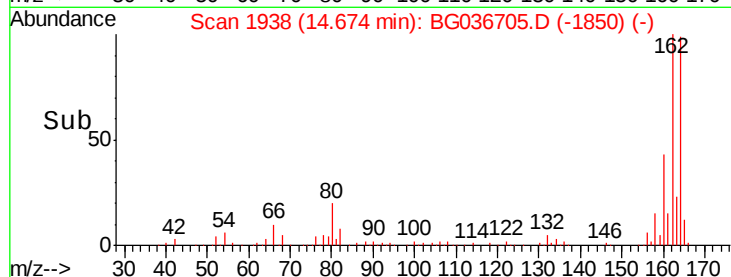
160 43.9 35.3 52.9



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: 76.075 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036705.D

Acq: 14 Sep 2018 13:15

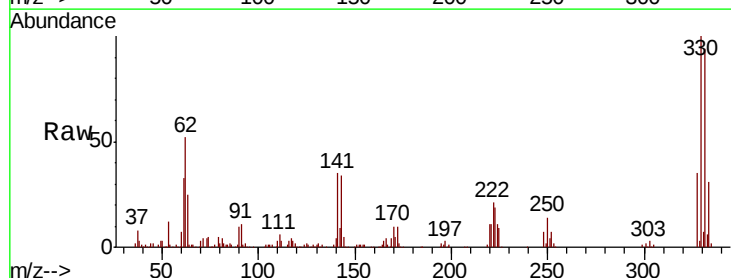
Tgt Ion:330 Resp: 175640

Ion Ratio Lower Upper

330 100

332 95.9 75.4 113.2

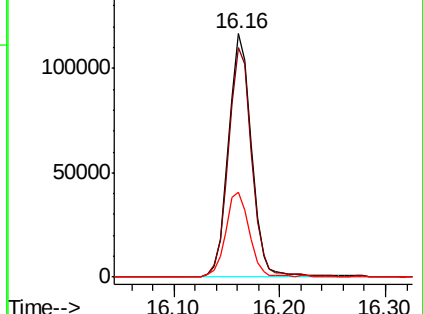
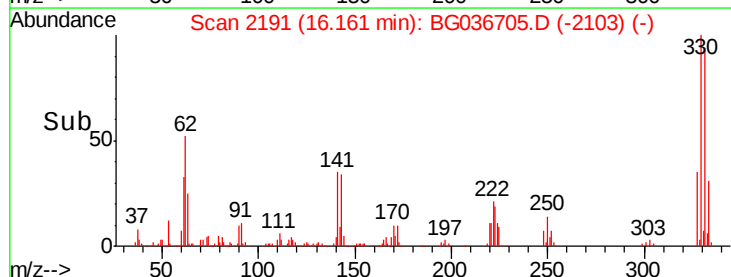
141 35.8 30.7 46.1

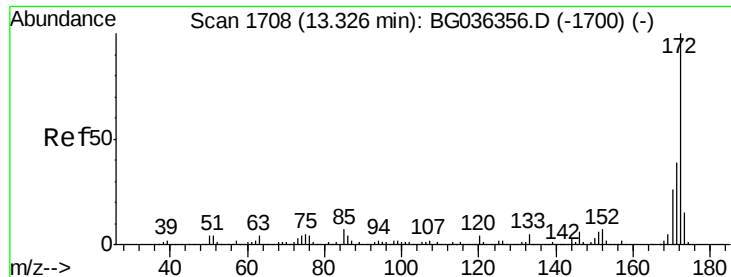


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

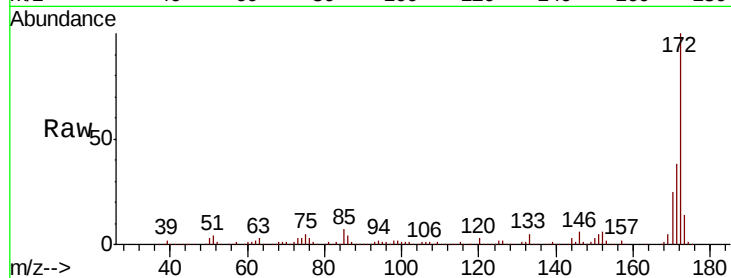




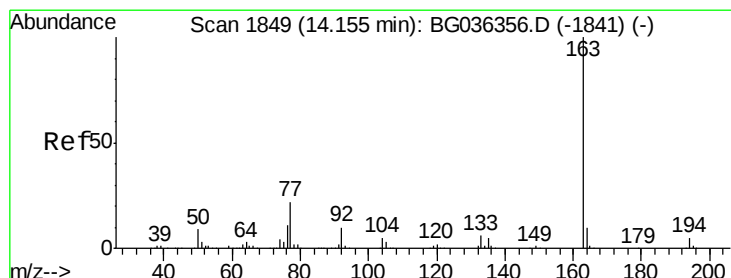
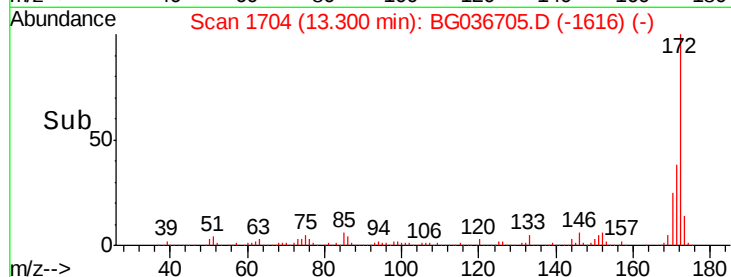
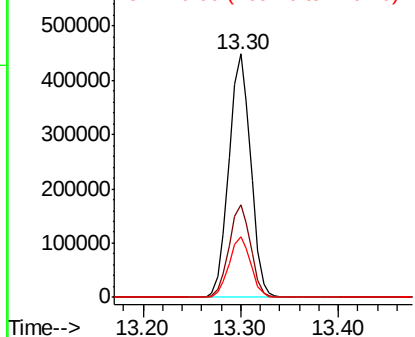
#44
2-Fluorobiphenyl
Concen: 51.192 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036705.D
Acq: 14 Sep 2018 13:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 693728
Ion Ratio Lower Upper
172 100
171 38.0 31.3 46.9
170 25.0 21.0 31.6

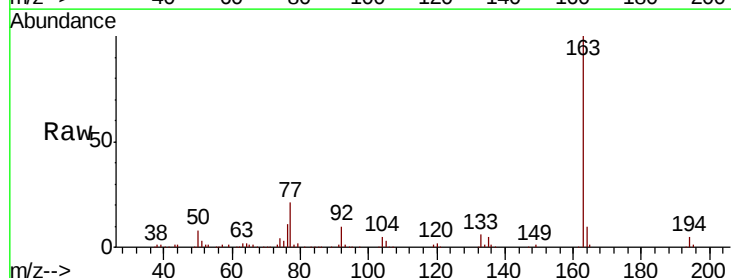


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

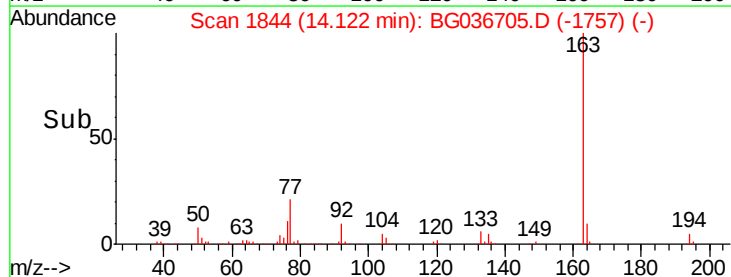
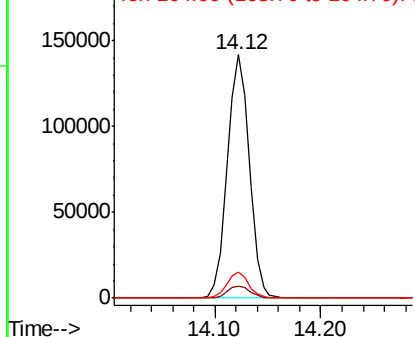


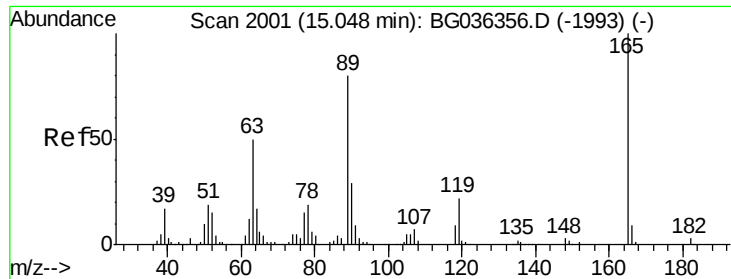
#49
Dimethylphthalate
Concen: 12.843 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036705.D
Acq: 14 Sep 2018 13:15

Tgt Ion:163 Resp: 202907
Ion Ratio Lower Upper
163 100
194 4.9 4.0 6.0
164 10.5 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

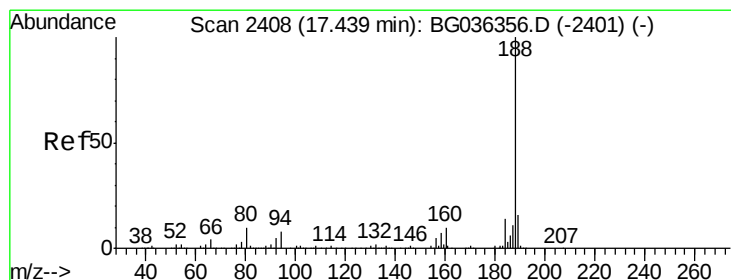
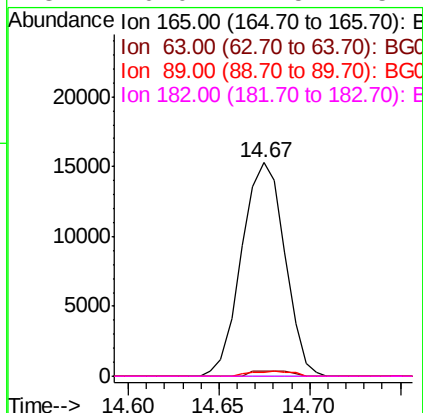
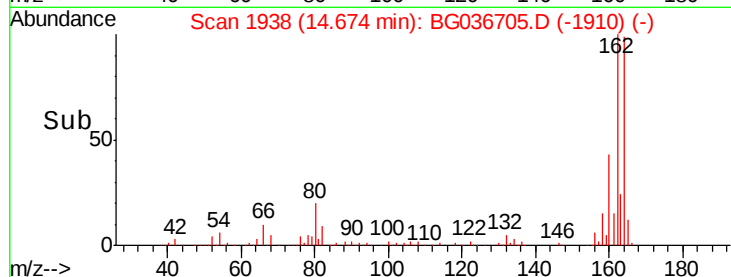
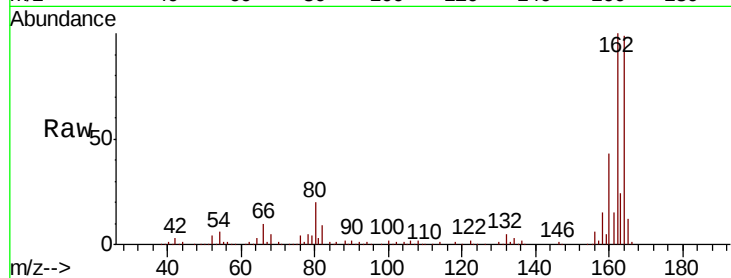




#56
 2,4-Dinitrotoluene
 Concen: 5.971 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036705.D
 Acq: 14 Sep 2018 13:15

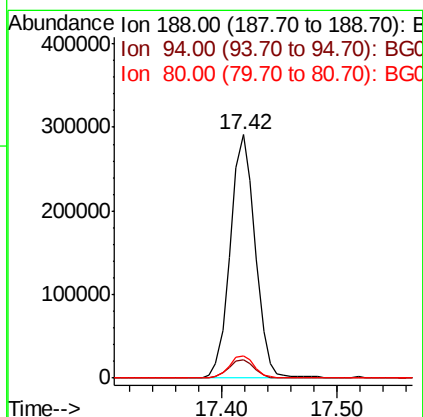
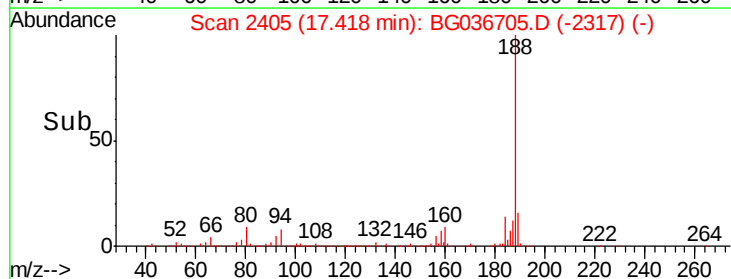
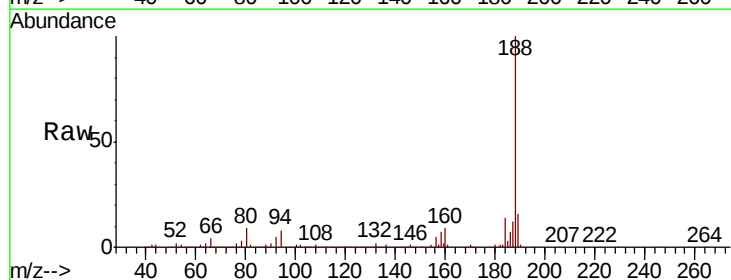
Instrument :
 BNA_G
 ClientSampleId :

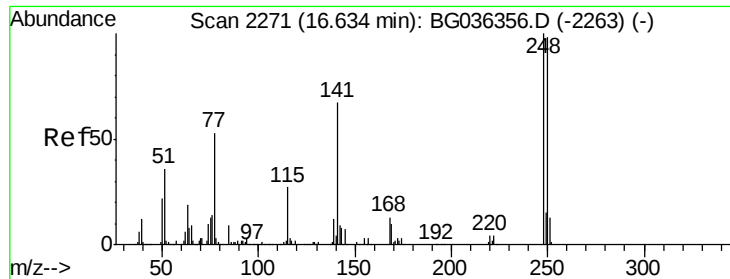
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	40.1	60.1#
89	2.1	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036705.D
 Acq: 14 Sep 2018 13:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	8.9	8.1	12.1

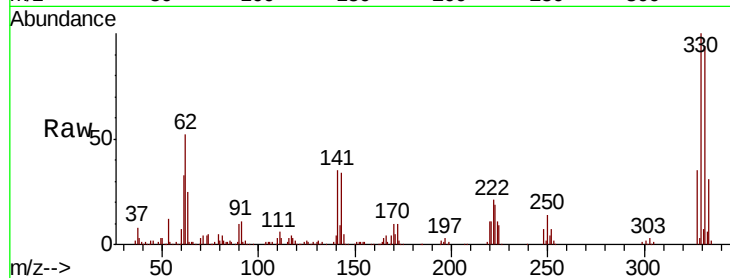




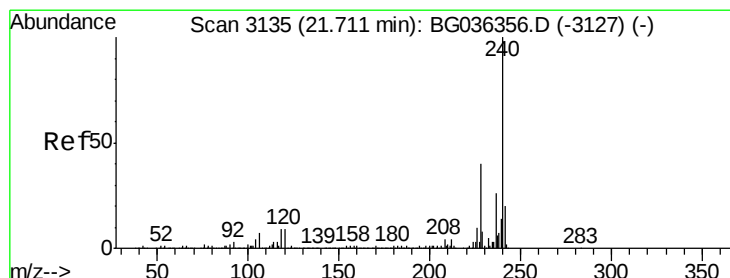
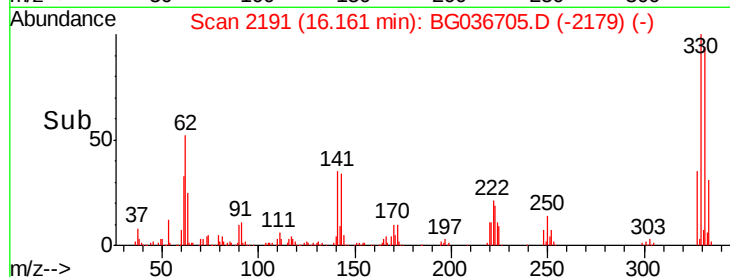
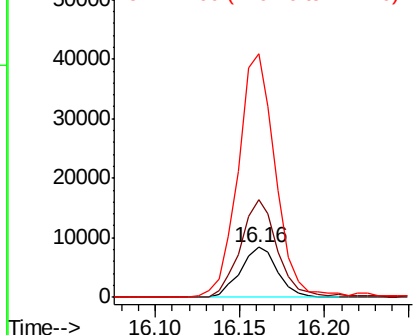
#66
4-Bromophenyl-phenylether
Concen: 2.519 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036705.D
Acq: 14 Sep 2018 13:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 12860
Ion Ratio Lower Upper
248 100
250 195.3 78.1 117.1#
141 489.3 53.7 80.5#

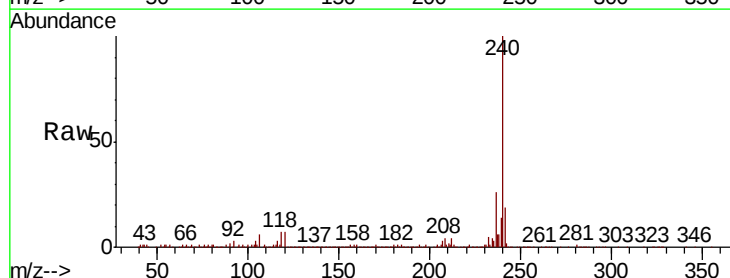


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

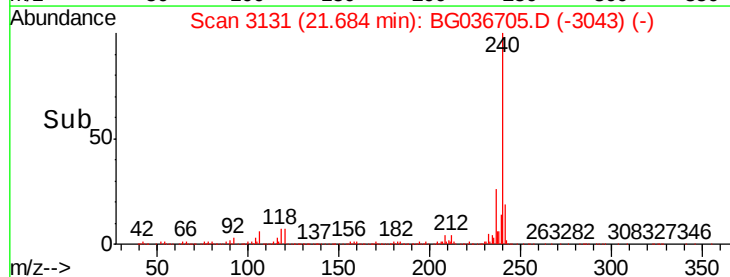
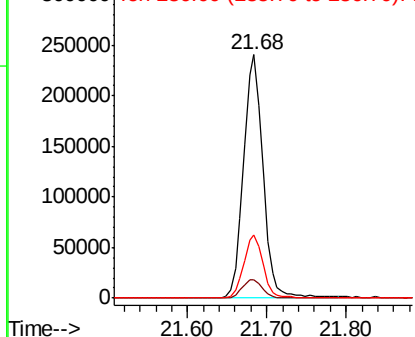


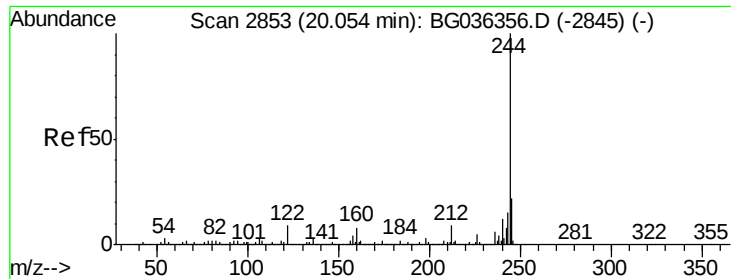
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036705.D
Acq: 14 Sep 2018 13:15

Tgt Ion:240 Resp: 411946
Ion Ratio Lower Upper
240 100
120 7.4 6.9 10.3
236 26.0 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

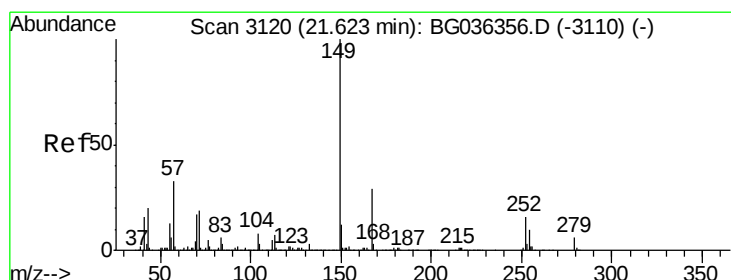
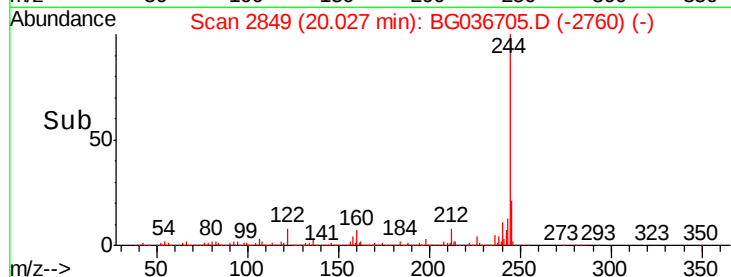
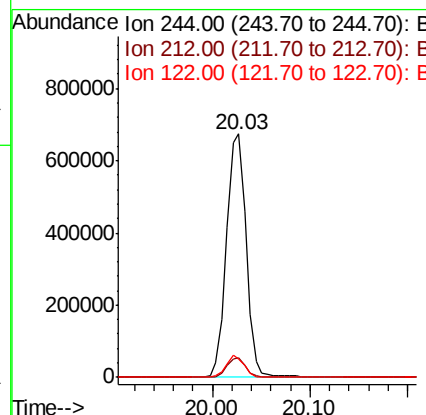
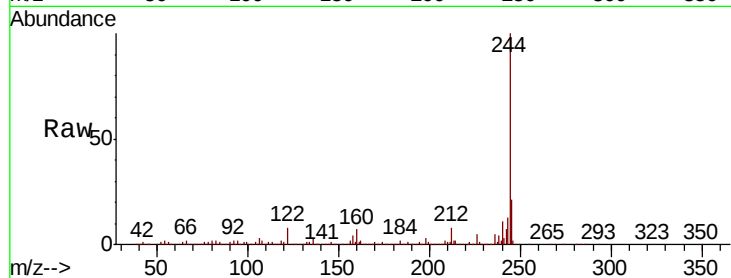




#78
 Terphenyl-d14
 Concen: 53.560 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036705.D
 Acq: 14 Sep 2018 13:15

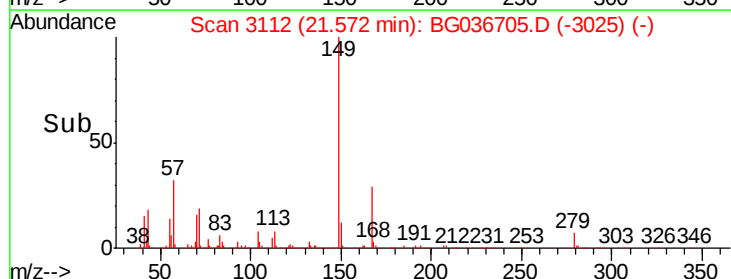
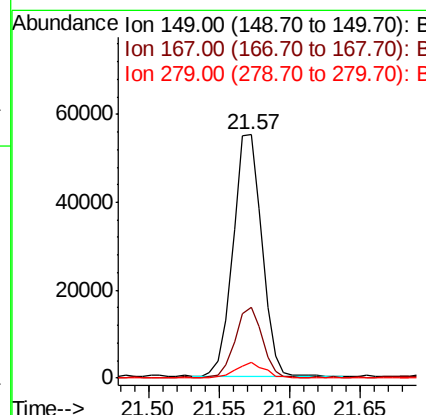
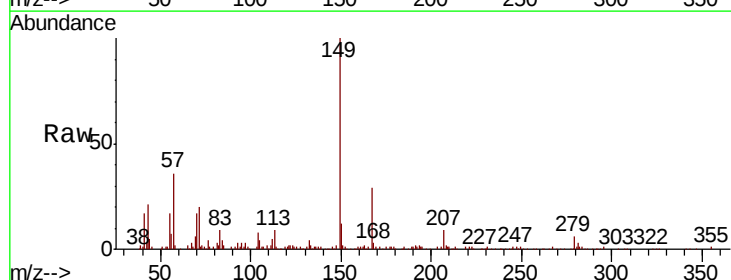
Instrument :
 BNA_G
 ClientSampled :

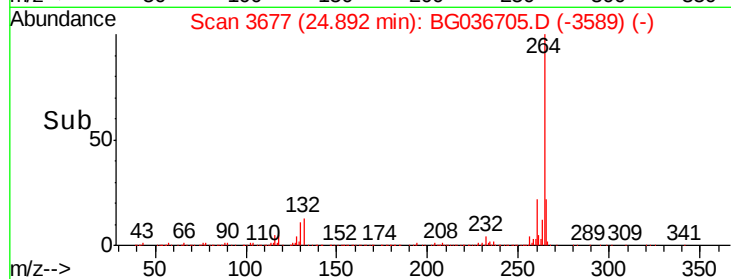
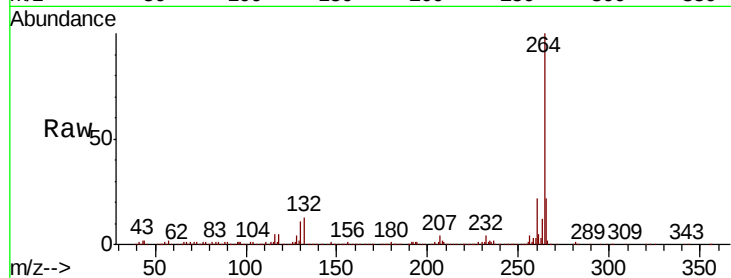
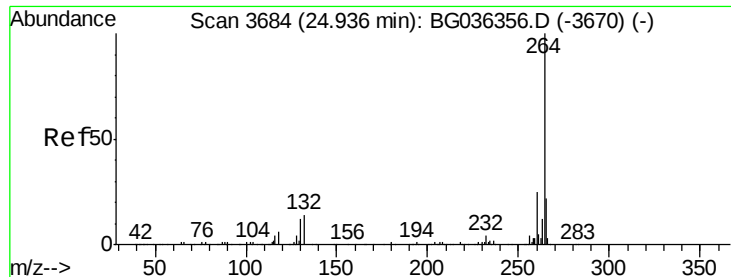
Tot Ion:244 Resp: 943975
 Ion Ratio Lower Upper
 244 100
 212 8.0 7.0 10.6
 122 7.8 7.1 10.7



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.525 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.02 min
 Lab File: BG036705.D
 Acq: 14 Sep 2018 13:15

Tgt Ion:149 Resp: 77942
 Ion Ratio Lower Upper
 149 100
 167 29.0 23.4 35.0
 279 6.5 4.6 7.0





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036705.D
Acq: 14 Sep 2018 13:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	411061
Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.6	29.4
265	22.0	17.4	26.0

