

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
 Data File : BG036597.D
 Acq On : 7 Sep 2018 15:04
 Operator : JU/SJ
 Sample : J4809-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 07 16:54:29 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

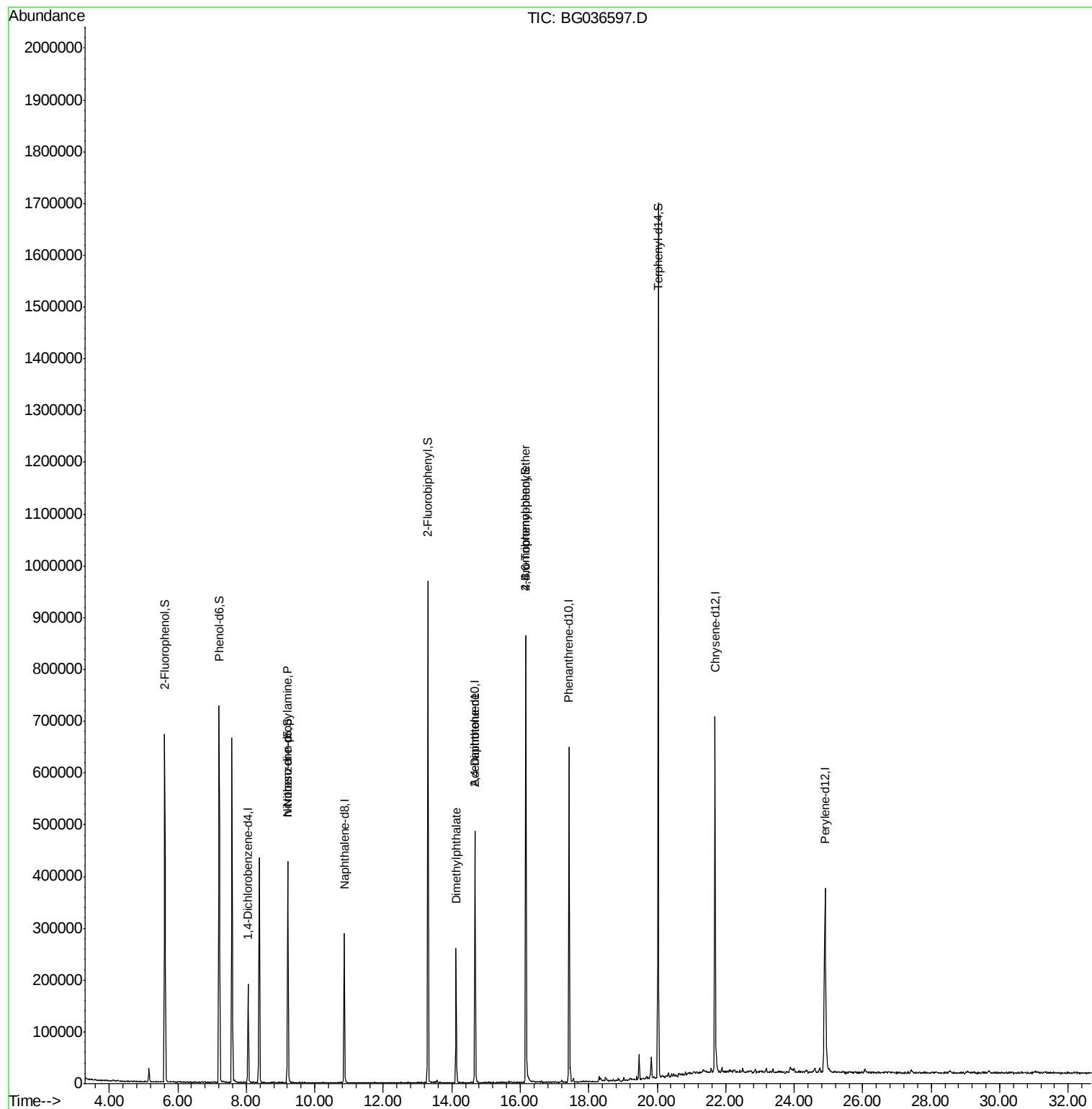
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54521	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	247395	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	167947	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	424131	20.00	ng	0.00
75) Chrysene-d12	21.68	240	435475	20.00	ng	-0.01
86) Perylene-d12	24.90	264	427392	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	286418	83.33	ng	0.00
7) Phenol-d6	7.21	99	423357	86.03	ng	-0.01
23) Nitrobenzene-d5	9.22	82	258570	56.71	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	166249	82.96	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	525694	44.69	ng	0.00
78) Terphenyl-d14	20.03	244	815193	43.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	33569	9.128	ng	# 70
49) Dimethylphthalate	14.13	163	175904	12.827	ng	# 98
56) 2,4-Dinitrotoluene	14.68	165	22297	6.063	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	11465	2.309	ng	# 1

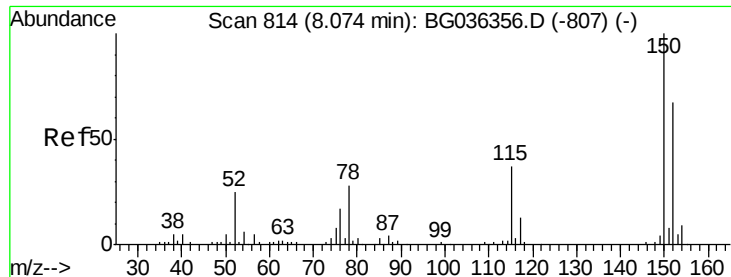
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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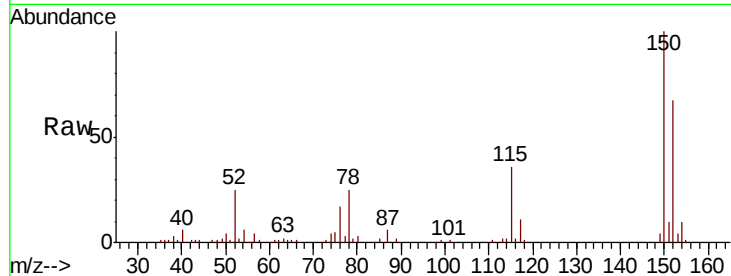


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036597.D
Acq: 7 Sep 2018 15:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	119.5	179.3
115	54.0	44.5	66.7

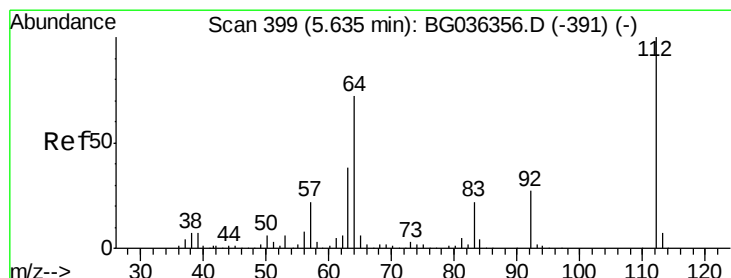
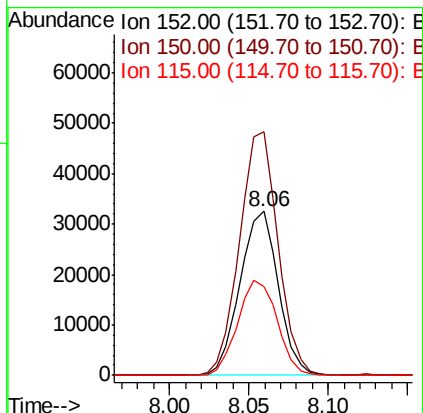
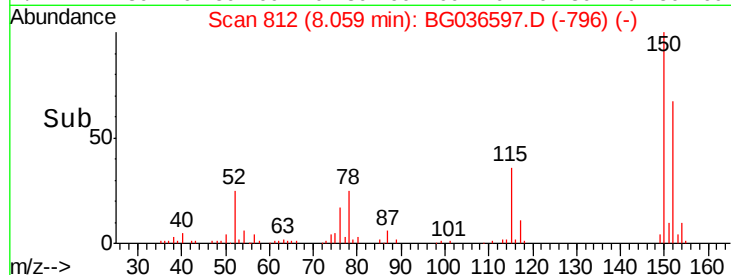


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

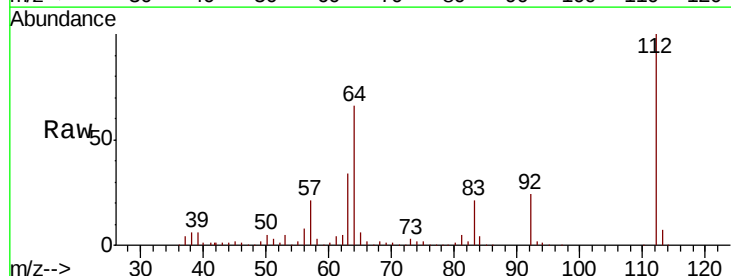
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 83.334 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036597.D
Acq: 7 Sep 2018 15:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	57.2	85.8
63	34.3	30.8	46.2

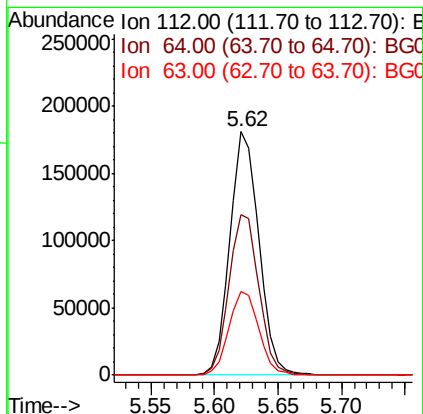
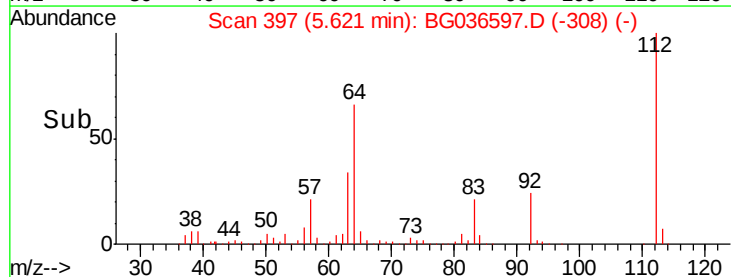


Abundance

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: 86.032 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036597.D

Acq: 7 Sep 2018 15:04

Instrument :

BNA_G

ClientSampleId :

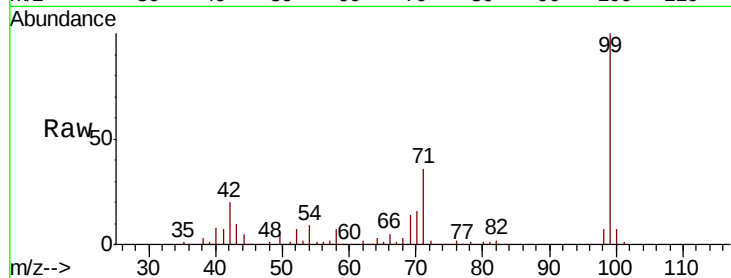
Tot Ion: 99 Resp: 423357

Ion Ratio Lower Upper

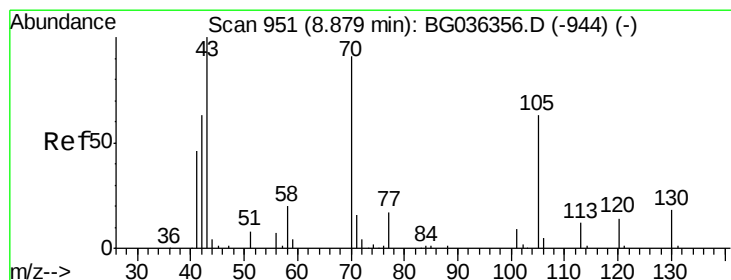
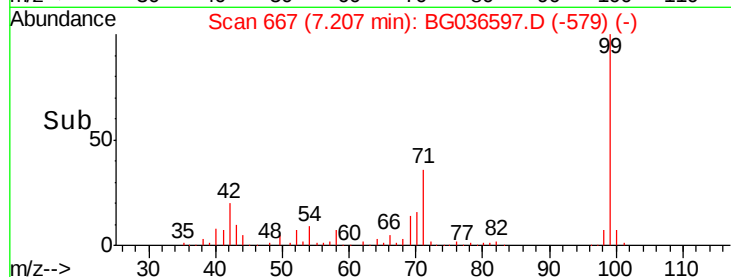
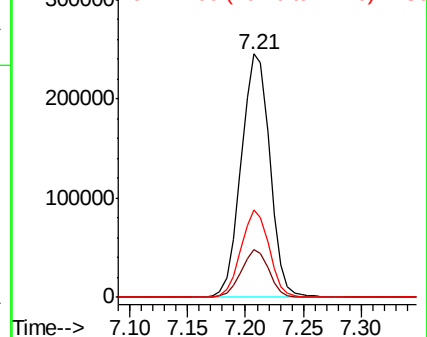
99 100

42 19.8 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: 9.128 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036597.D

Acq: 7 Sep 2018 15:04

Tgt Ion: 70 Resp: 33569

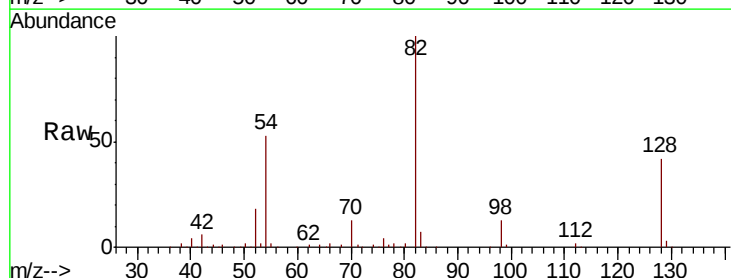
Ion Ratio Lower Upper

70 100

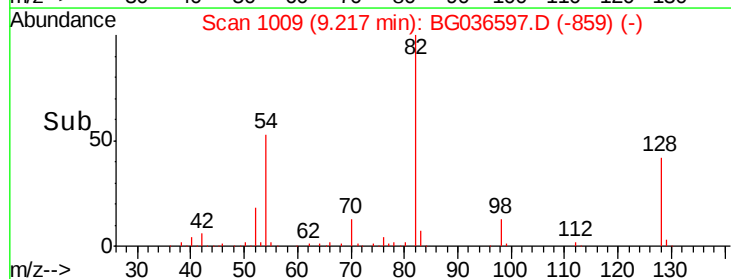
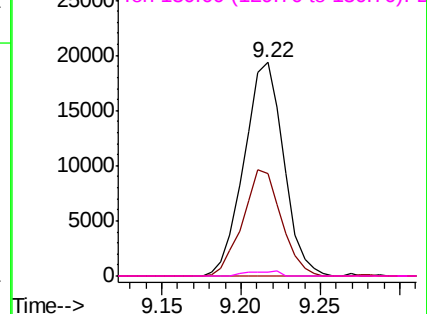
42 48.1 56.2 84.4#

101 0.0 7.8 11.6#

130 1.6 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

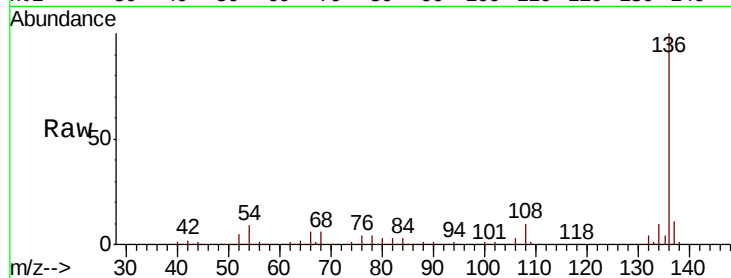




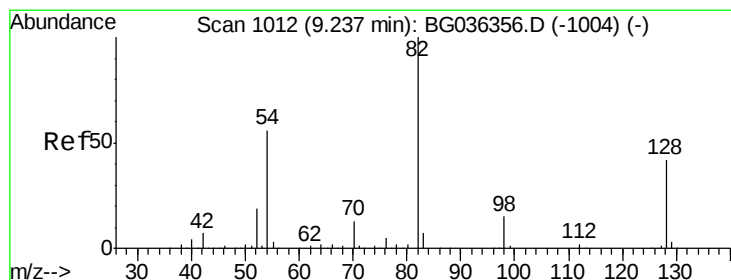
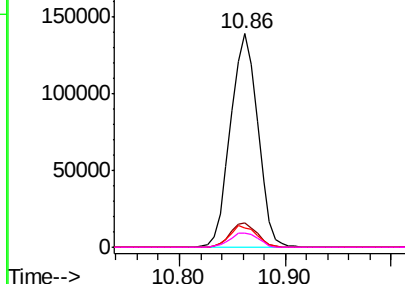
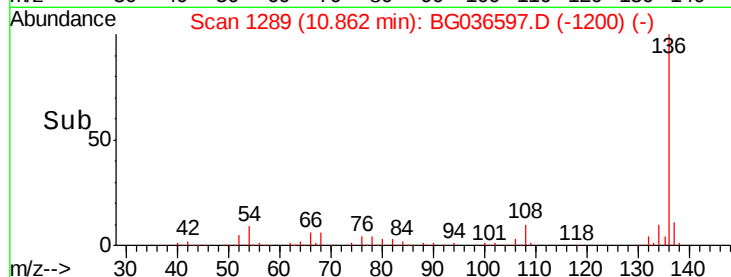
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036597.D
Acq: 7 Sep 2018 15:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	247395
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	9.3	9.2 13.8
68	6.3	5.8 8.6

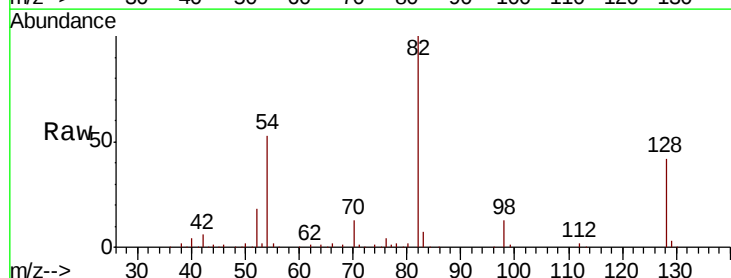


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

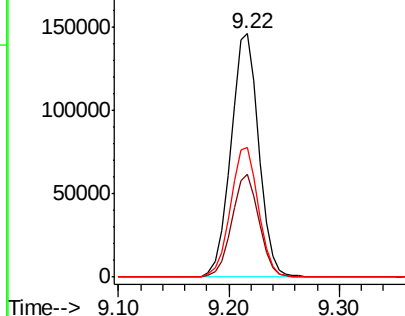
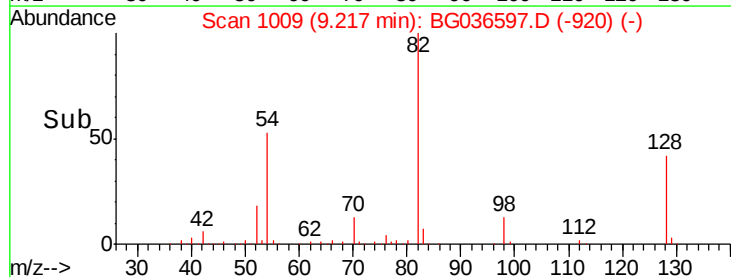


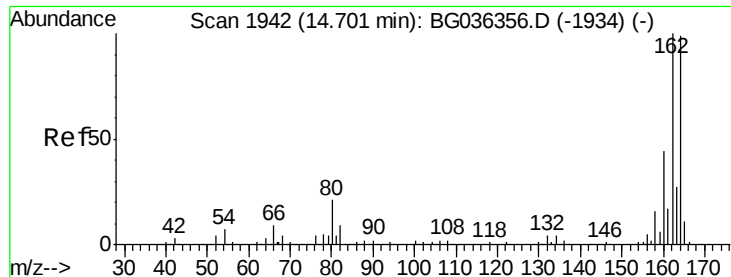
#23
Nitrobenzene-d5
Concen: 56.708 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036597.D
Acq: 7 Sep 2018 15:04

Tgt Ion: 82	Resp:	258570
Ion	Ratio	Lower Upper
82	100	
128	42.3	33.3 49.9
54	53.4	45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG036597.D

Acq: 7 Sep 2018 15:04

Instrument :

BNA_G

ClientSampled :

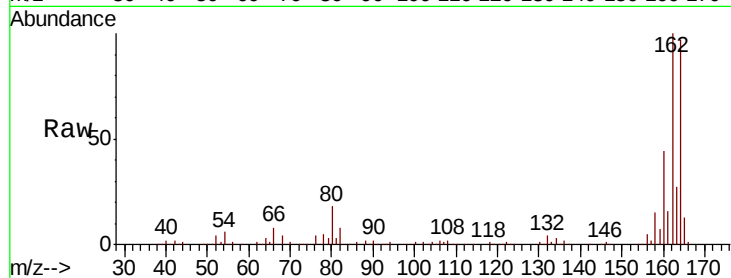
Tot Ion:164 Resp: 167947

Ion Ratio Lower Upper

164 100

162 103.2 80.7 121.1

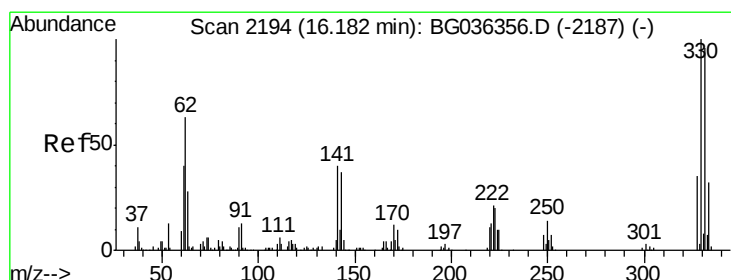
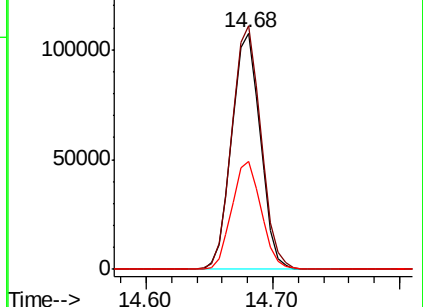
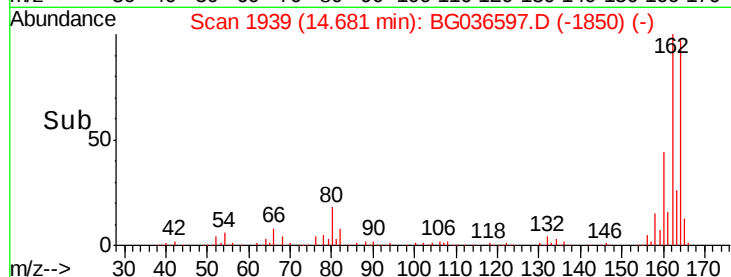
160 45.9 35.3 52.9



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: 82.959 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036597.D

Acq: 7 Sep 2018 15:04

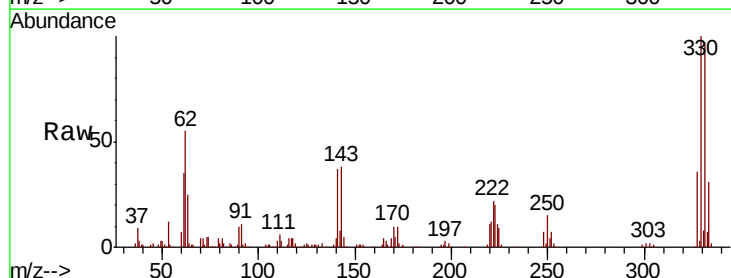
Tgt Ion:330 Resp: 166249

Ion Ratio Lower Upper

330 100

332 96.1 75.4 113.2

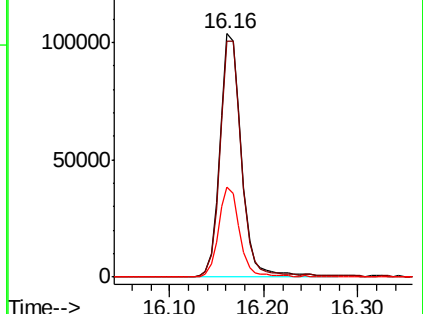
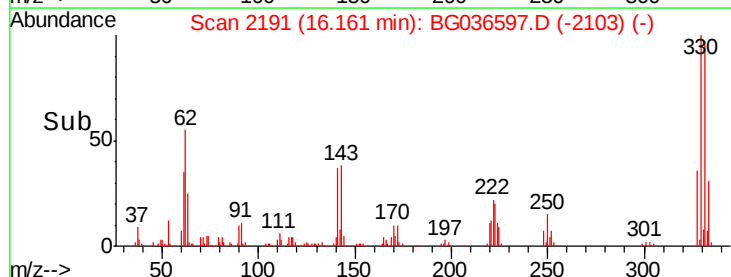
141 36.2 30.7 46.1

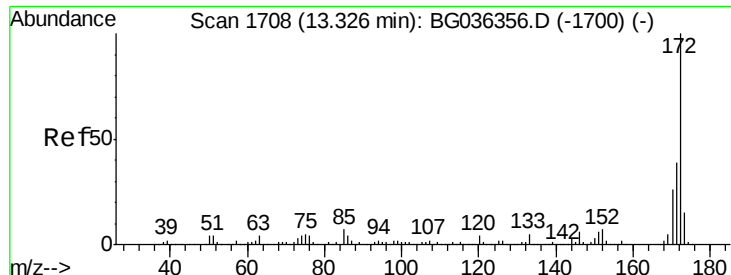


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

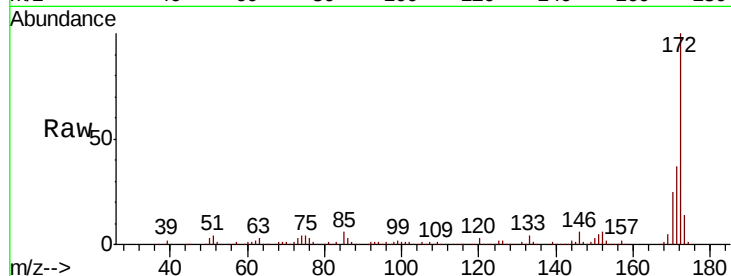




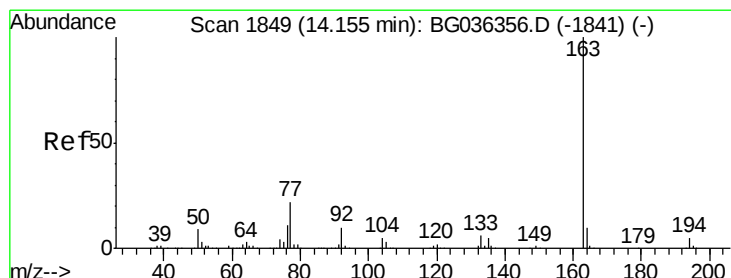
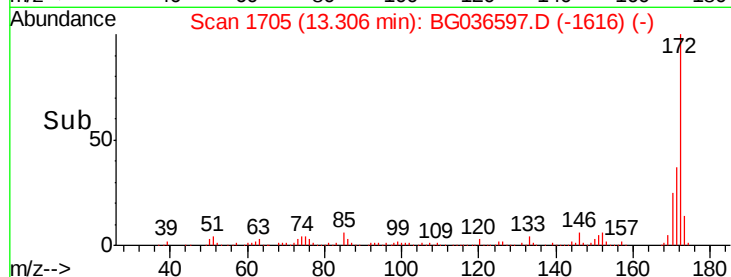
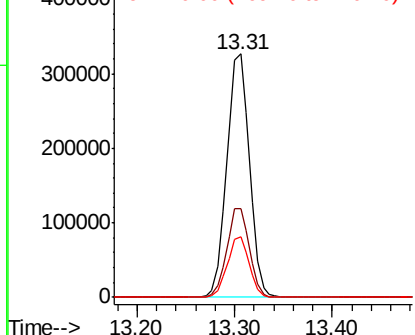
#44
2-Fluorobiphenyl
Concen: 44.692 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036597.D
Acq: 7 Sep 2018 15:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 525694
Ion Ratio Lower Upper
172 100
171 36.7 31.3 46.9
170 25.0 21.0 31.6

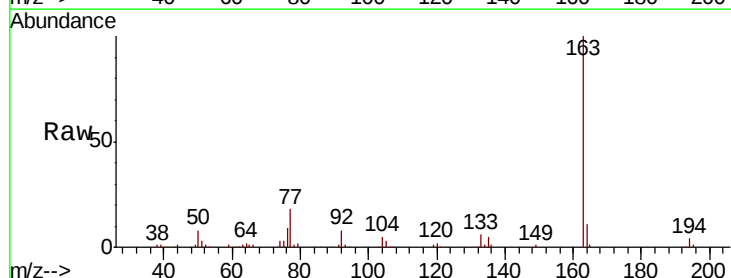


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

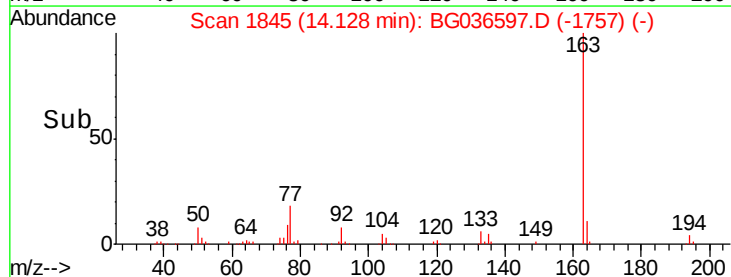
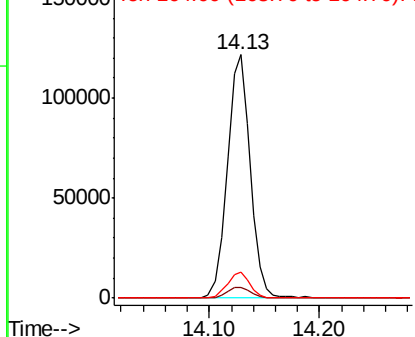


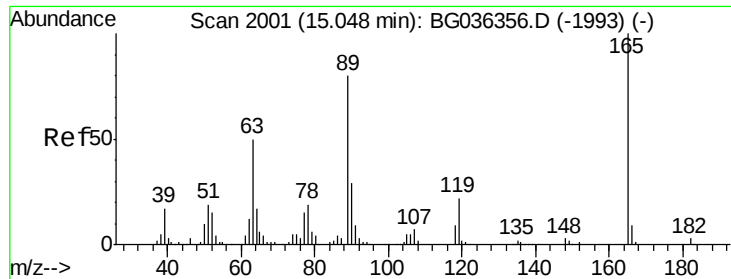
#49
Dimethylphthalate
Concen: 12.827 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036597.D
Acq: 7 Sep 2018 15:04

Tgt Ion:163 Resp: 175904
Ion Ratio Lower Upper
163 100
194 4.5 4.0 6.0
164 10.7 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

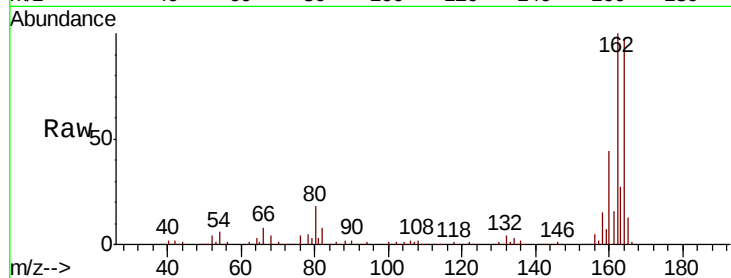




#56
 2,4-Dinitrotoluene
 Concen: 6.063 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036597.D
 Acq: 7 Sep 2018 15:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	40.1	60.1#
89	2.7	63.7	95.5#
182	0.0	2.5	3.7#

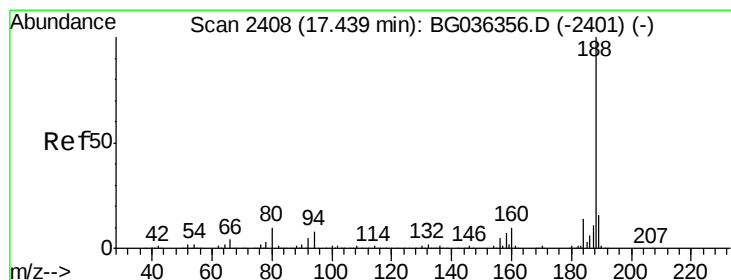
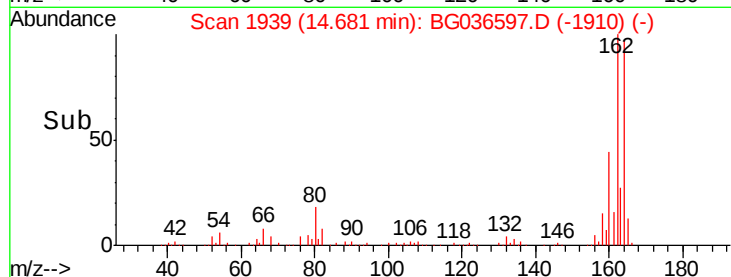
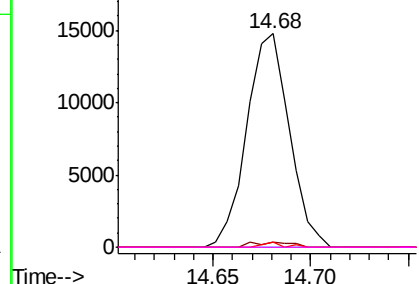


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

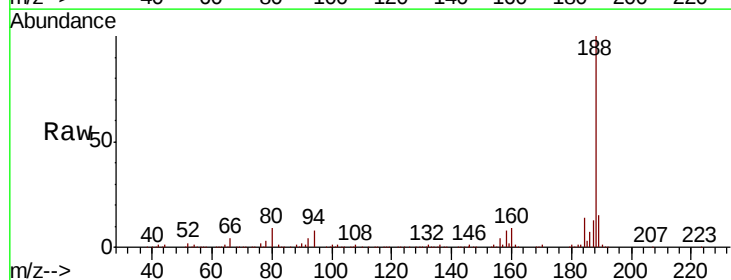
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036597.D
 Acq: 7 Sep 2018 15:04

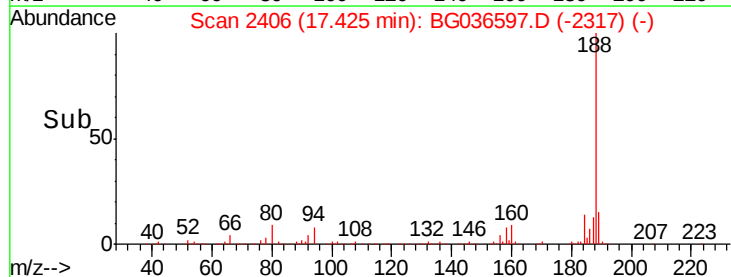
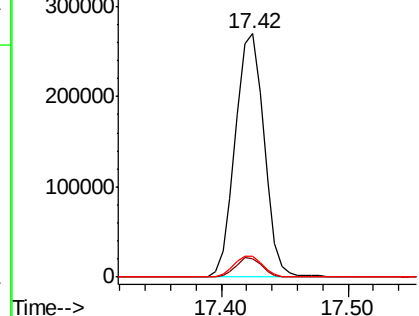
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	8.7	8.1	12.1

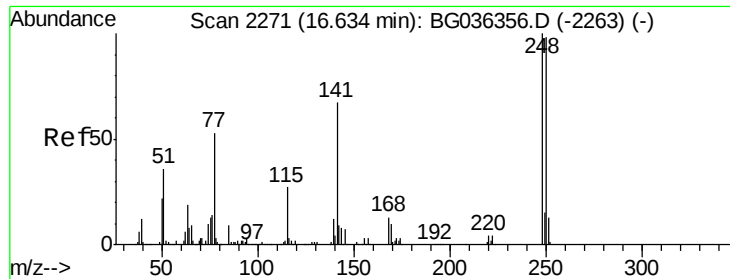


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

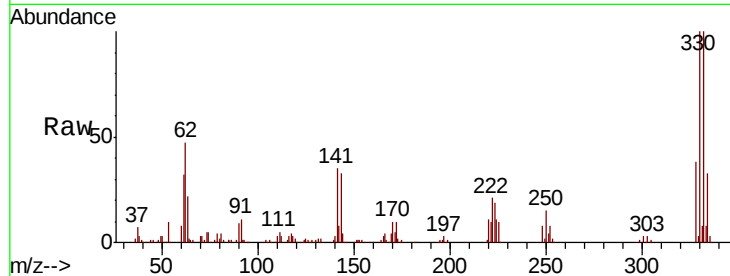




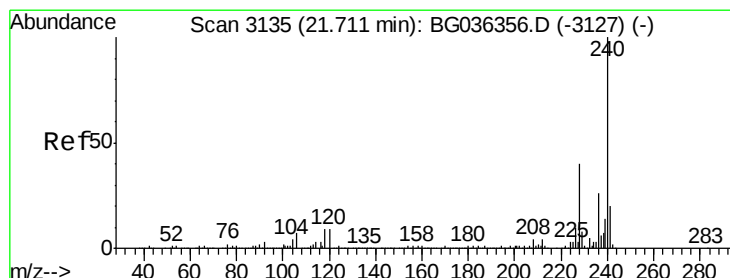
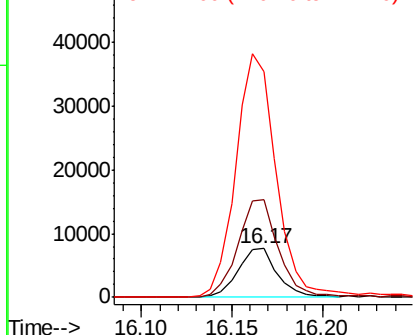
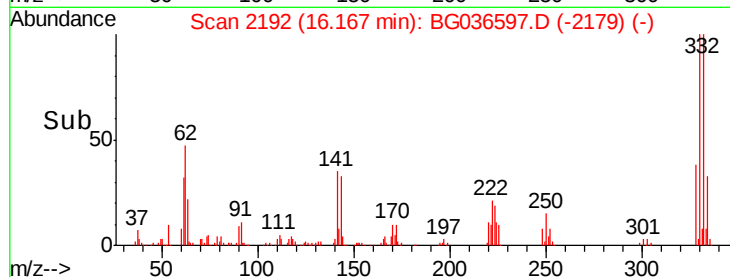
#66
4-Bromophenyl-phenylether
Concen: 2.309 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.45 min
Lab File: BG036597.D
Acq: 7 Sep 2018 15:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 11465
Ion Ratio Lower Upper
248 100
250 201.8 78.1 117.1#
141 463.8 53.7 80.5#

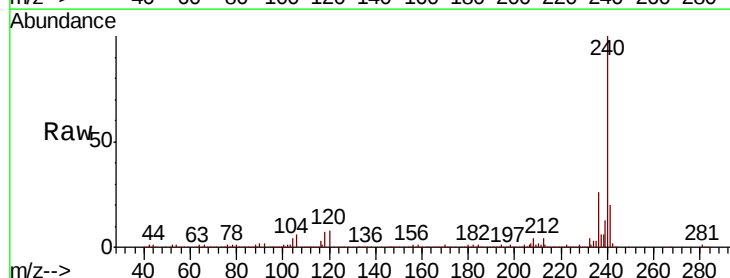


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

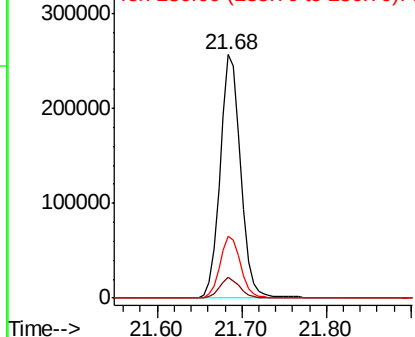
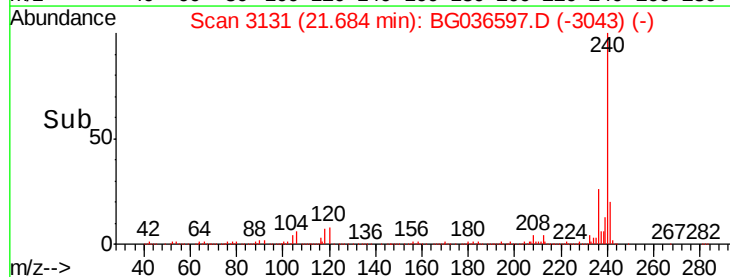


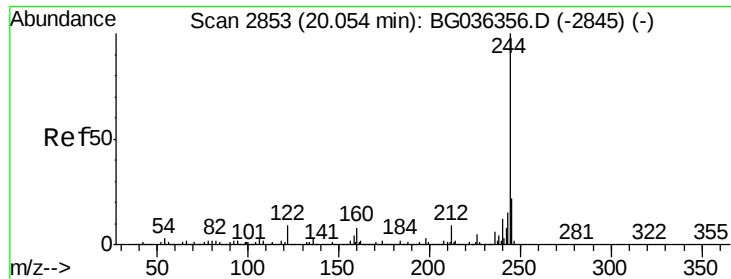
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036597.D
Acq: 7 Sep 2018 15:04

Tgt Ion:240 Resp: 435475
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 25.6 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

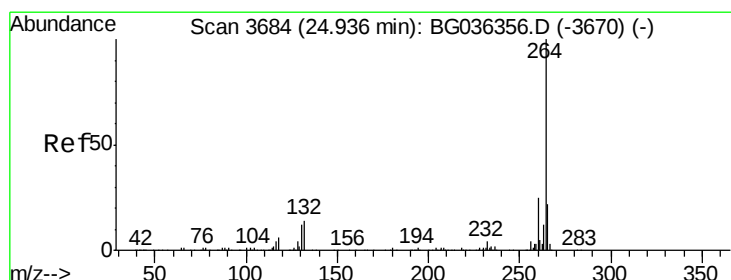
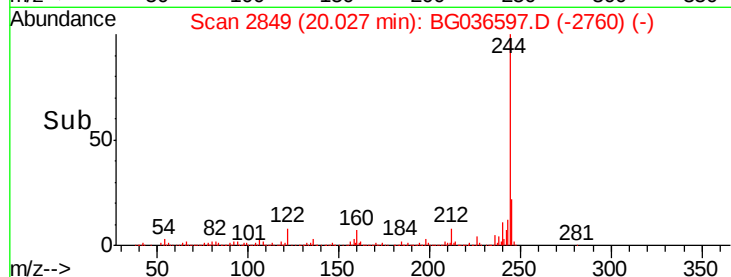
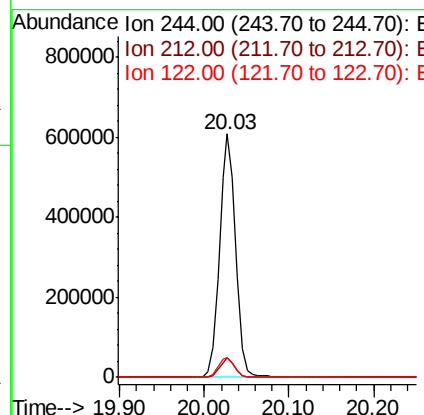
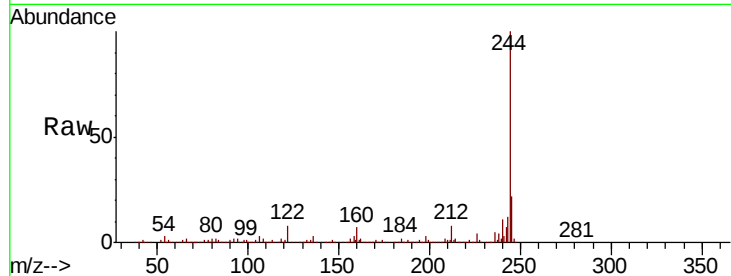




#78
 Terphenyl-d14
 Concen: 43.754 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036597.D
 Acq: 7 Sep 2018 15:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.0	10.6
122	8.3	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BG036597.D
 Acq: 7 Sep 2018 15:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	22.2	17.4	26.0

