

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036447.D
 Acq On : 28 Aug 2018 2:29
 Operator : JU/SJ
 Sample : J4282-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 28 03:30:32 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

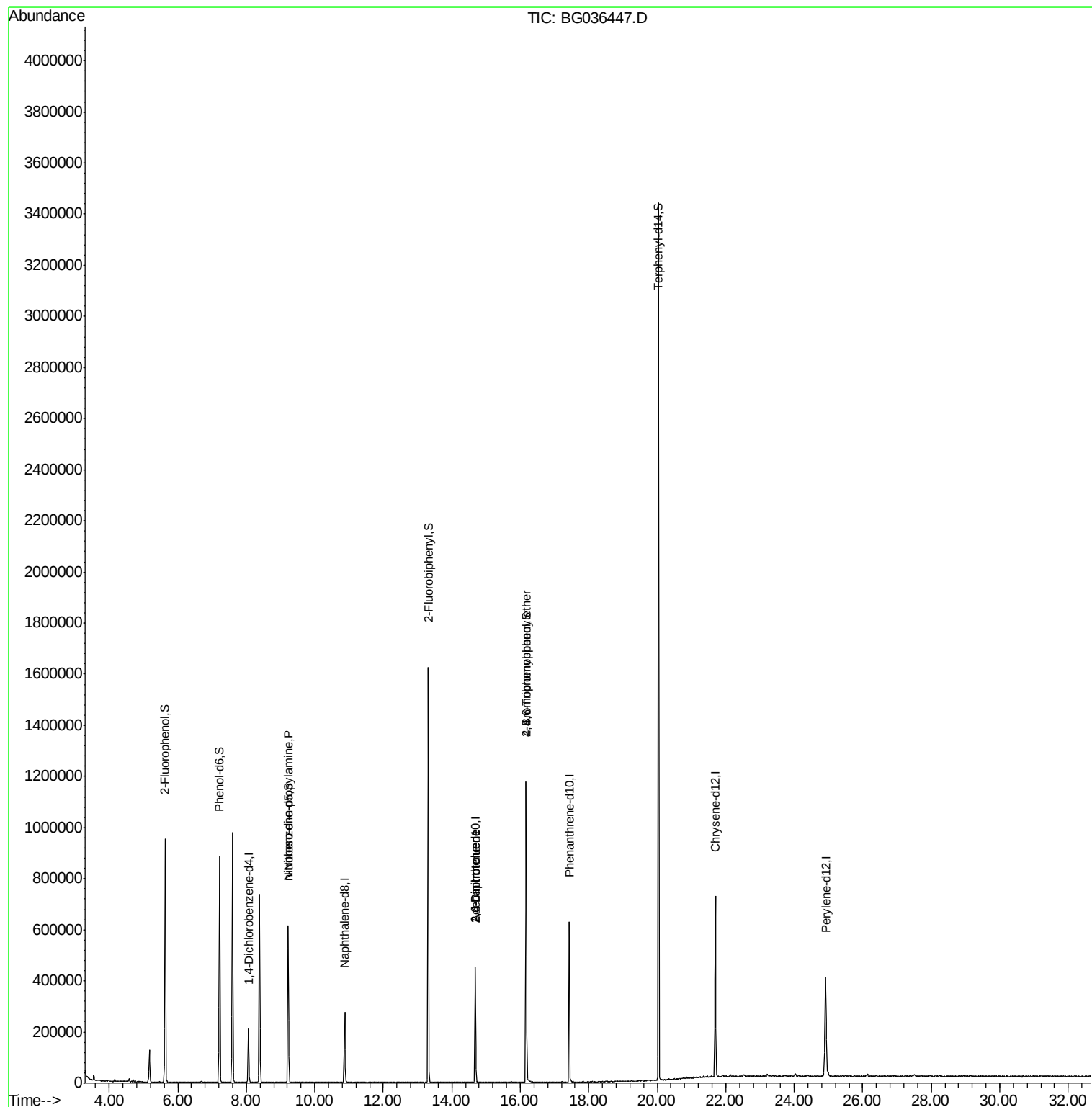
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56827	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	234833	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	151727	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	397103	20.00	ng	0.00
75) Chrysene-d12	21.70	240	429203	20.00	ng	-0.01
86) Perylene-d12	24.92	264	433048	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	389261	108.66	ng	0.00
7) Phenol-d6	7.22	99	492851	96.09	ng	0.00
23) Nitrobenzene-d5	9.22	82	369219	85.31	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	213295	117.81	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	857653	80.71	ng	-0.01
78) Terphenyl-d14	20.04	244	1503689	81.89	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	49544	12.925	ng	# 70
50) 2,6-Dinitrotoluene	14.69	165	19823	7.776	ng	# 21
56) 2,4-Dinitrotoluene	14.69	165	19823	5.966	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	15137	3.256	ng	# 1

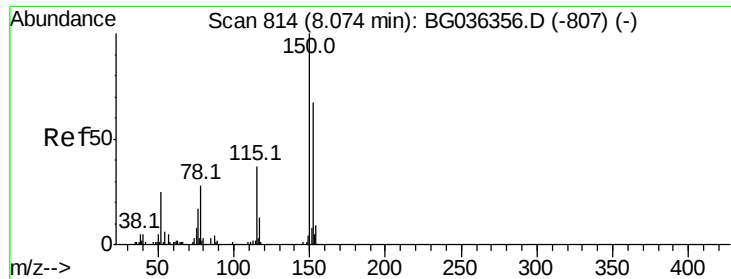
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG036447.D
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Sample : J4282-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 28 03:30:32 2018
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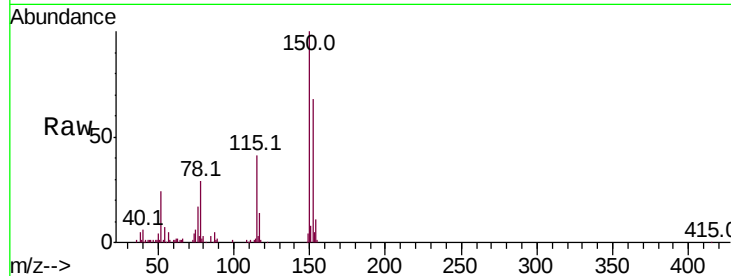


#1

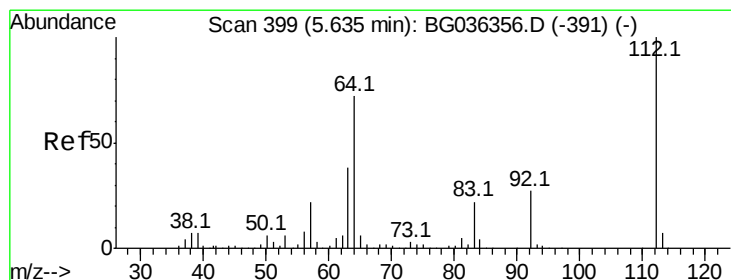
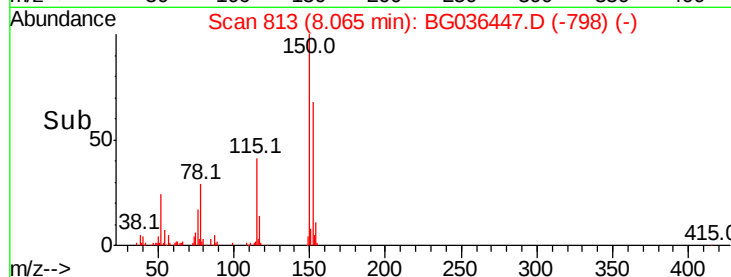
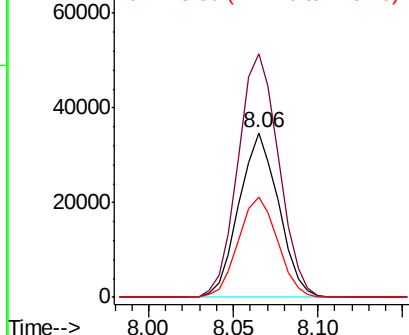
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036447.D
Acq: 28 Aug 2018 2:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	119.5	179.3
115	60.6	44.5	66.7



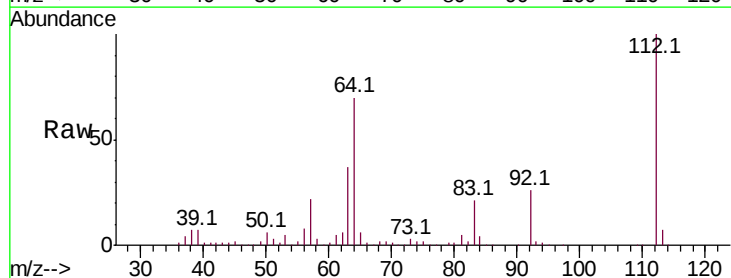
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



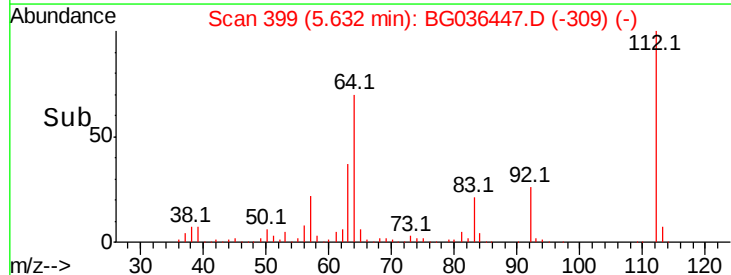
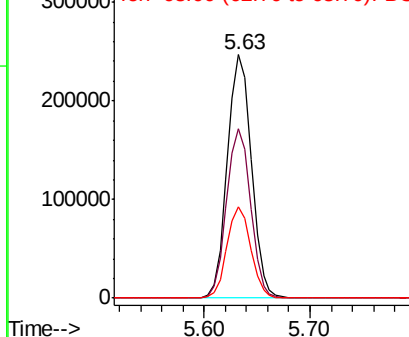
#5

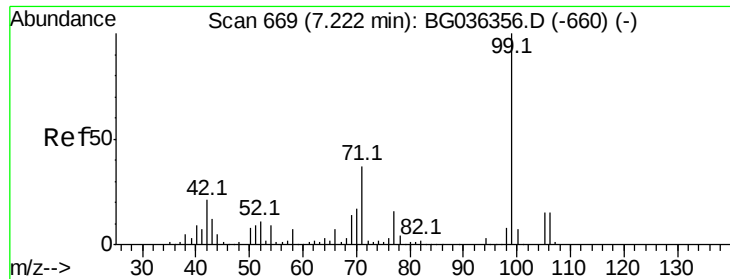
2-Fluorophenol
Concen: 108.660 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036447.D
Acq: 28 Aug 2018 2:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	57.2	85.8
63	37.5	30.8	46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 96.090 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036447.D

Acq: 28 Aug 2018 2:29

Instrument :

BNA_G

ClientSampleId :

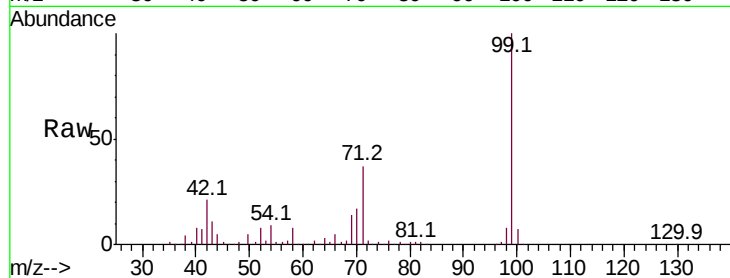
Tot Ion: 99 Resp: 492851

Ion Ratio Lower Upper

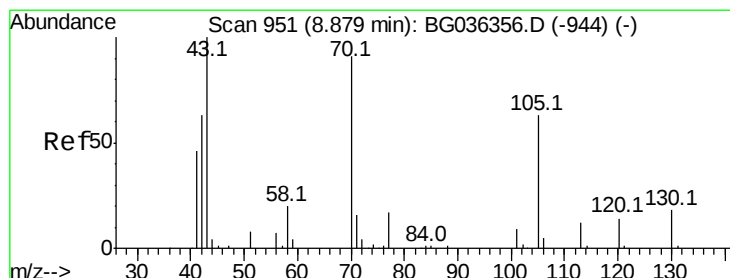
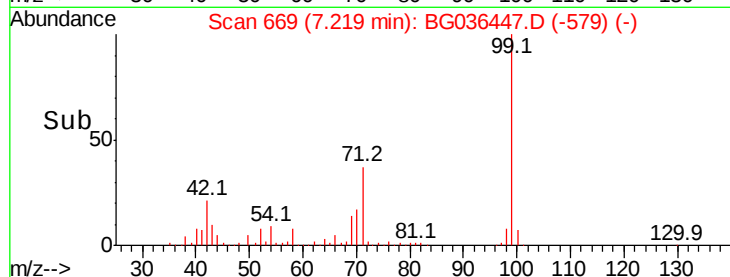
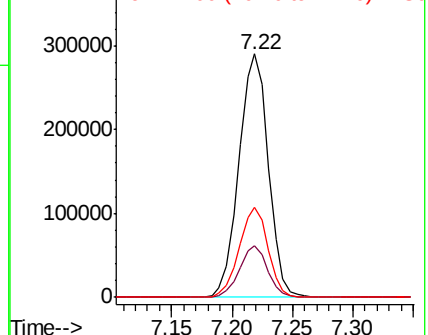
99 100

42 21.0 16.5 24.7

71 37.2 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: 12.925 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG036447.D

Acq: 28 Aug 2018 2:29

Tgt Ion: 70 Resp: 49544

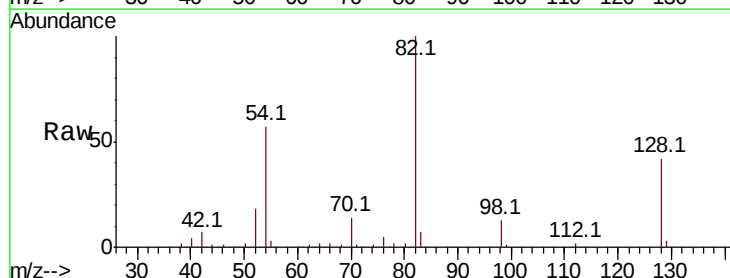
Ion Ratio Lower Upper

70 100

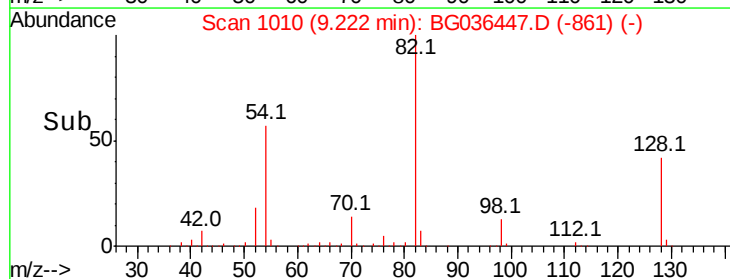
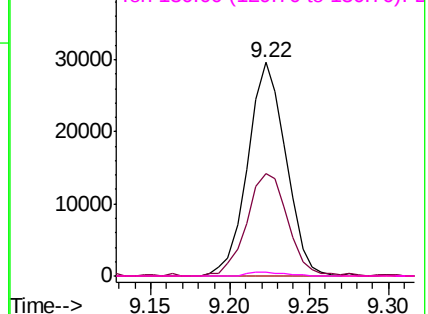
42 47.7 56.2 84.4#

101 0.0 7.8 11.6#

130 1.8 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

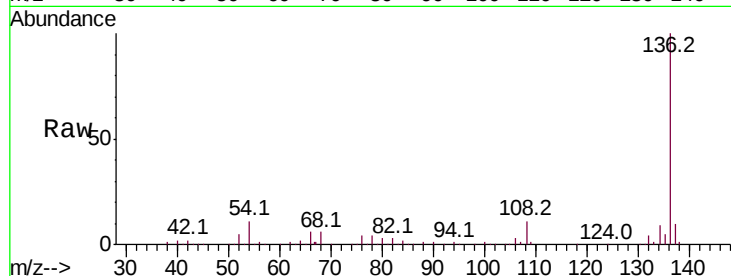




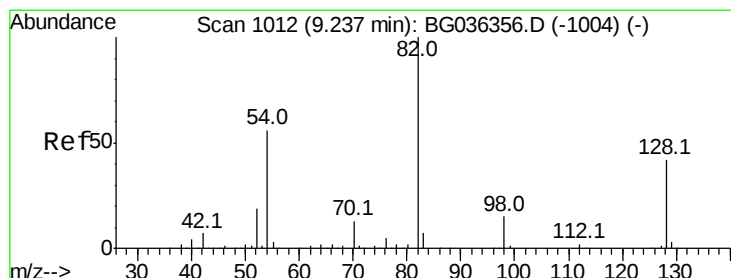
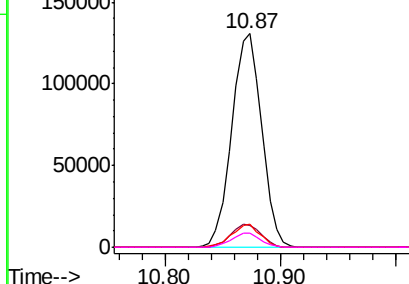
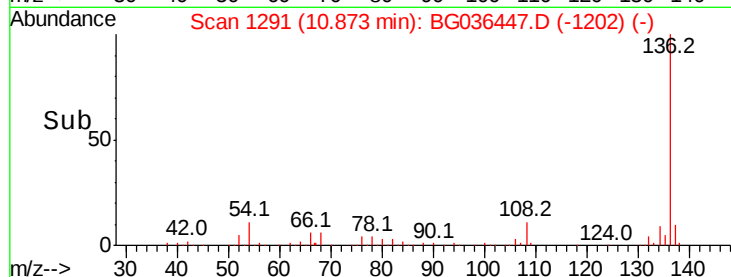
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036447.D
Acq: 28 Aug 2018 2:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	234833
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.8 13.2
54	10.8	9.2 13.8
68	6.3	5.8 8.6

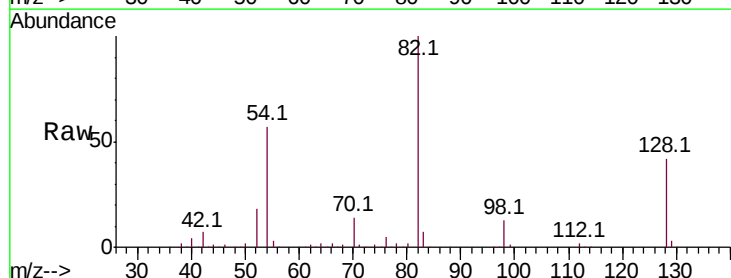


Abundance Ion 136.00 (135.70 to 136.70): E
200000 Ion 137.00 (136.70 to 137.70): E
150000 Ion 54.00 (53.70 to 54.70): BGC
100000 Ion 68.00 (67.70 to 68.70): BGC
50000
0

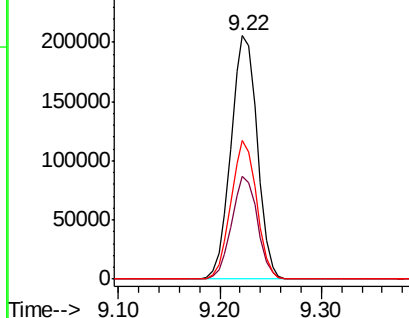
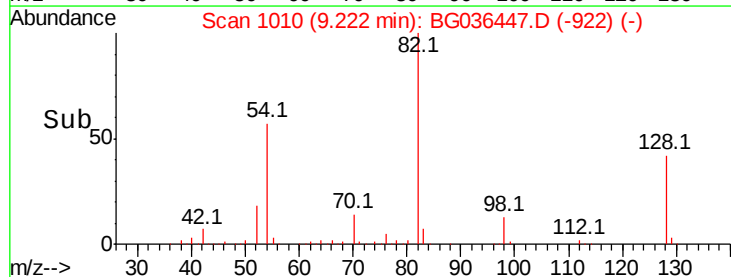


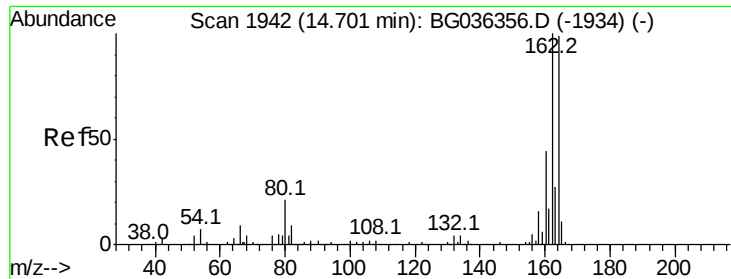
#23
Nitrobenzene-d5
Concen: 85.306 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036447.D
Acq: 28 Aug 2018 2:29

Tgt Ion: 82	Resp:	369219
Ion Ratio	Lower	Upper
82	100	
128	42.4	33.3 49.9
54	56.8	45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
250000 Ion 128.00 (127.70 to 128.70): E
200000 Ion 54.00 (53.70 to 54.70): BGC
150000
100000
50000
0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG036447.D

Acq: 28 Aug 2018 2:29

Instrument :

BNA_G

ClientSampleId :

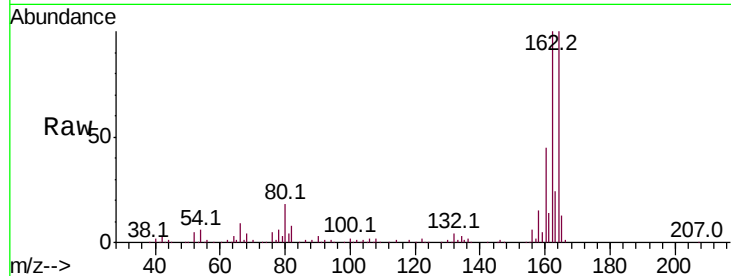
Tot Ion:164 Resp: 151727

Ion Ratio Lower Upper

164 100

162 99.8 80.7 121.1

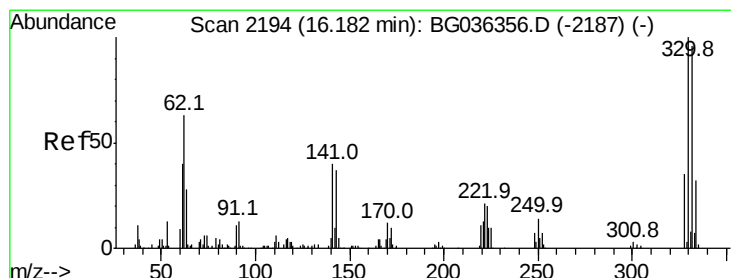
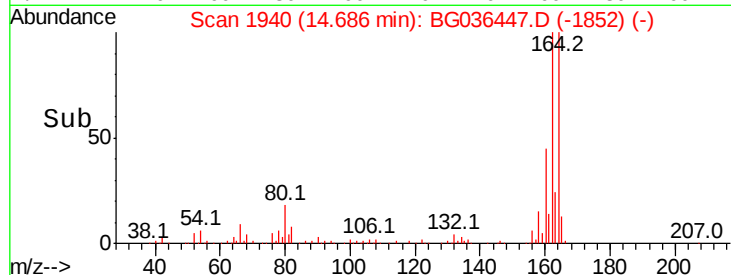
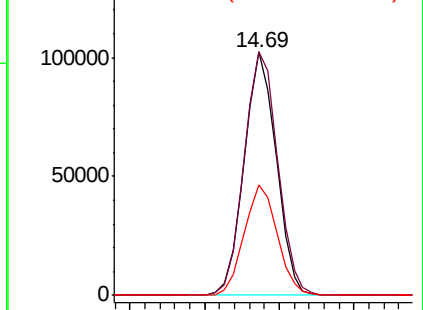
160 45.3 35.3 52.9



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: 117.814 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG036447.D

Acq: 28 Aug 2018 2:29

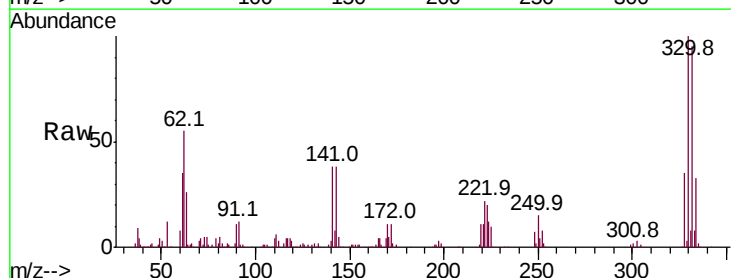
Tgt Ion:330 Resp: 213295

Ion Ratio Lower Upper

330 100

332 95.8 75.4 113.2

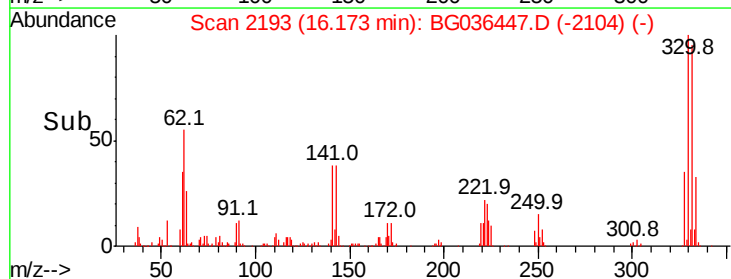
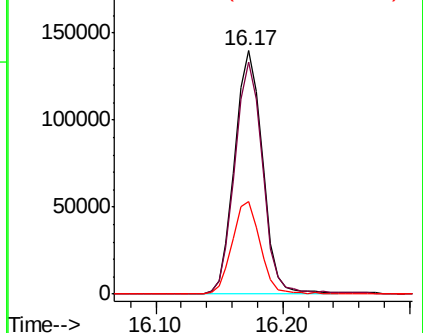
141 37.9 30.7 46.1

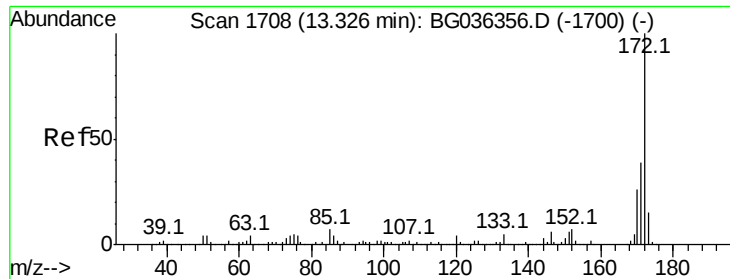


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

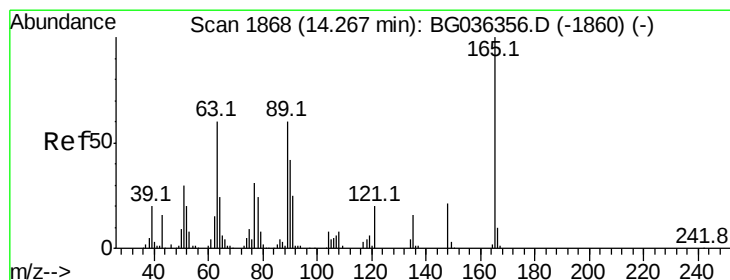
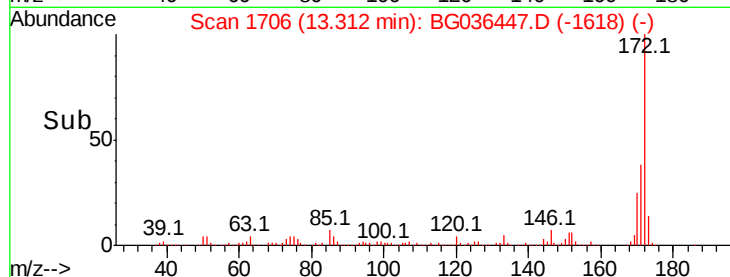
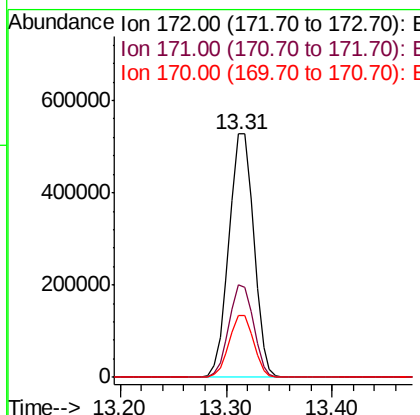
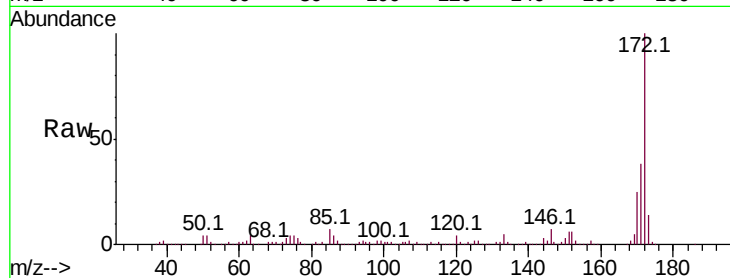




#44
2-Fluorobiphenyl
Concen: 80.709 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BG036447.D
Acq: 28 Aug 2018 2:29

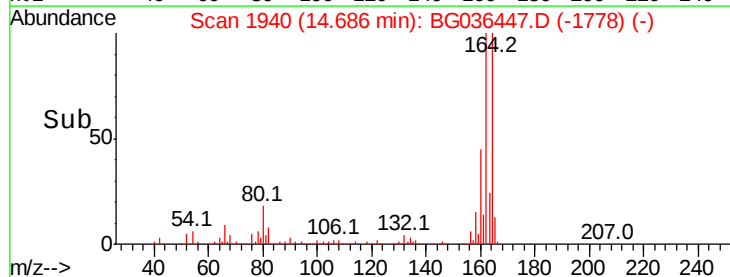
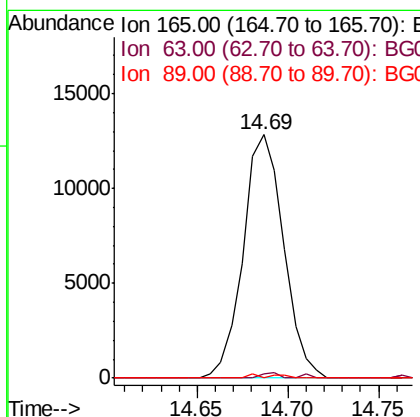
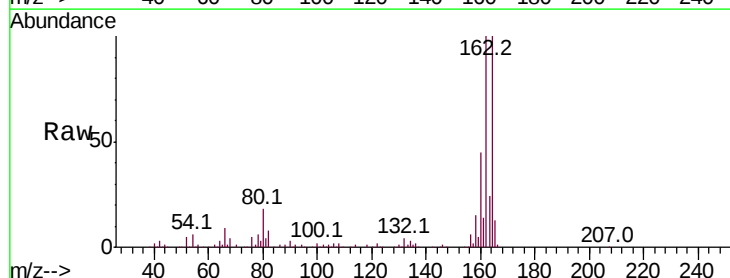
Instrument :
BNA_G
ClientSampleId :

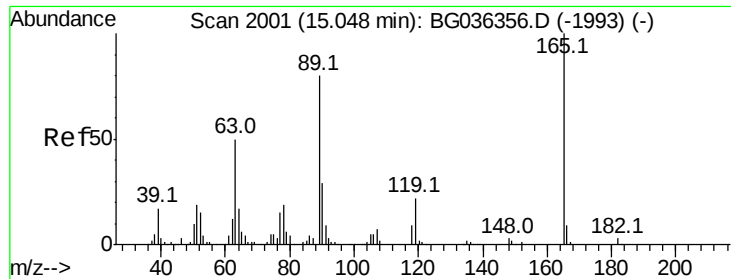
Tot Ion:172 Resp: 857653
Ion Ratio Lower Upper
172 100
171 37.9 31.3 46.9
170 25.2 21.0 31.6



#50
2,6-Dinitrotoluene
Concen: 7.776 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG036447.D
Acq: 28 Aug 2018 2:29

Tgt Ion:165 Resp: 19823
Ion Ratio Lower Upper
165 100
63 1.9 50.1 75.1#
89 0.0 47.8 71.6#

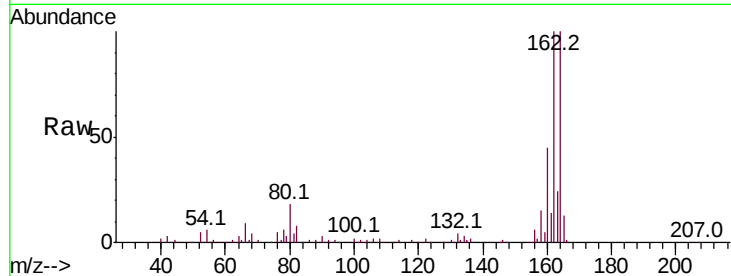




#56
 2,4-Dinitrotoluene
 Concen: 5.966 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG036447.D
 Acq: 28 Aug 2018 2:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



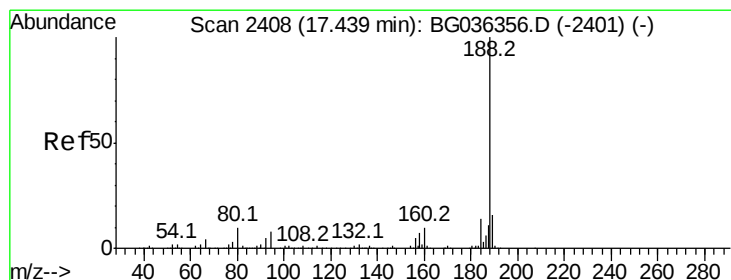
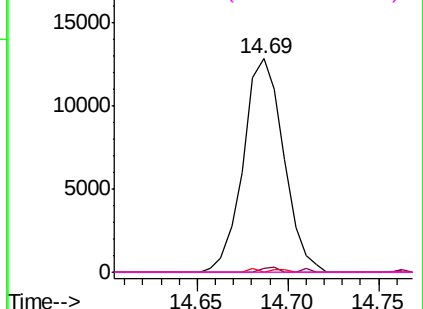
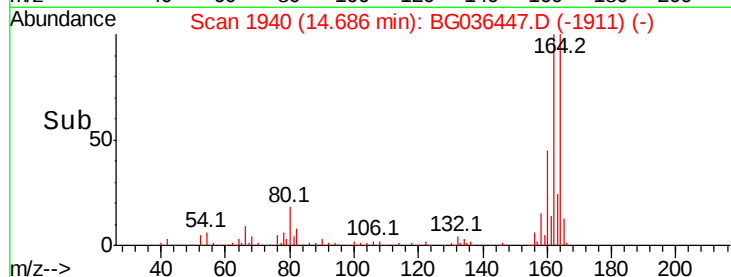
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

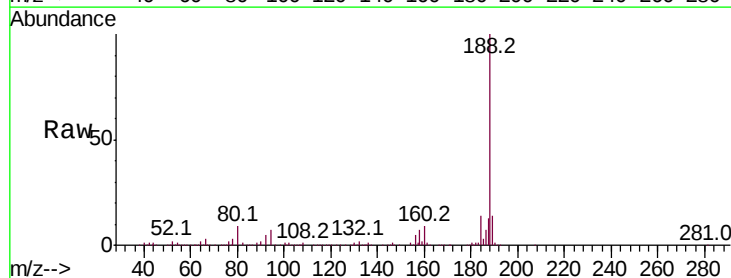
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036447.D
 Acq: 28 Aug 2018 2:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	9.2	8.1	12.1

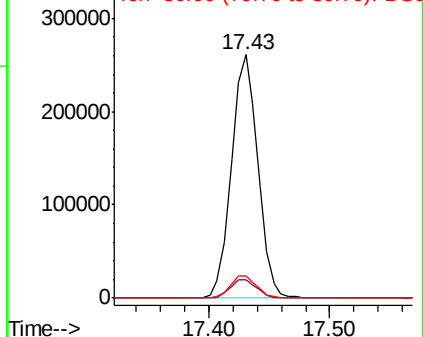
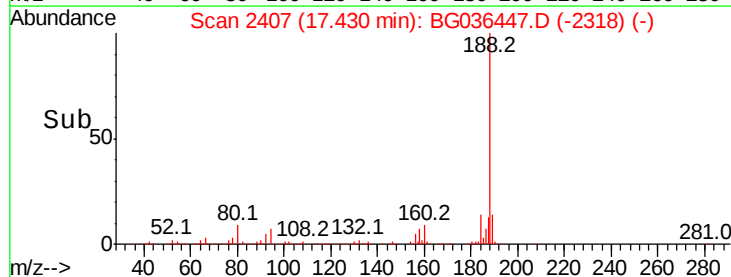


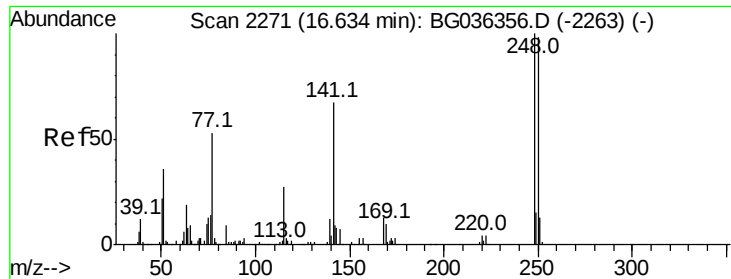
Abundance

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

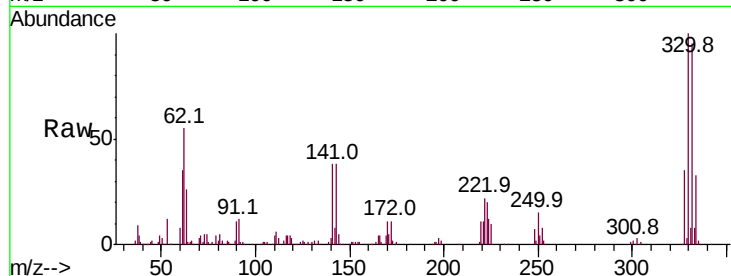




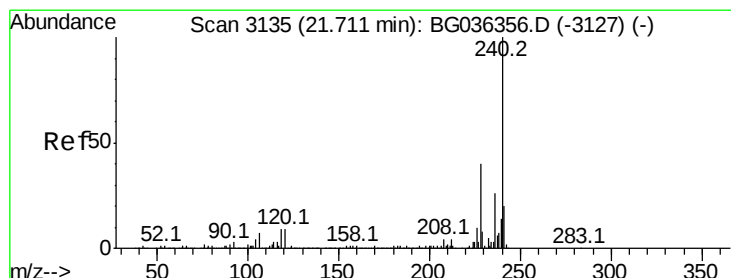
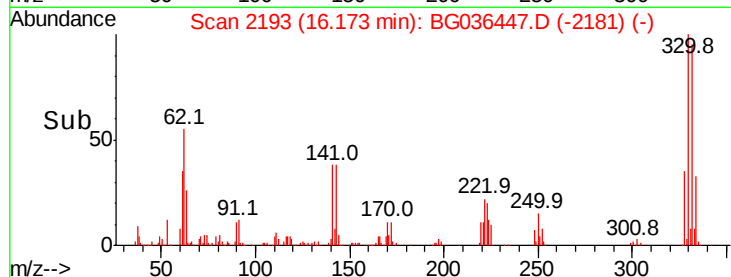
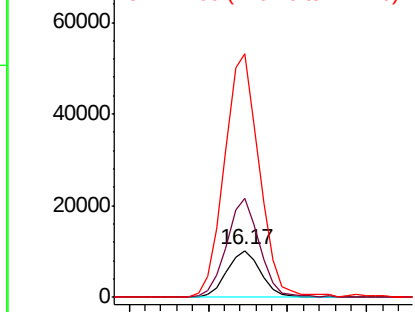
#66
 4-Bromophenyl-phenylether
 Concen: 3.256 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG036447.D
 Acq: 28 Aug 2018 2:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 15137
 Ion Ratio Lower Upper
 248 100
 250 211.7 78.1 117.1#
 141 522.1 53.7 80.5#

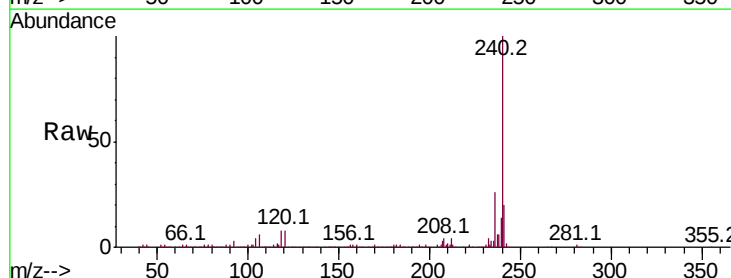


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

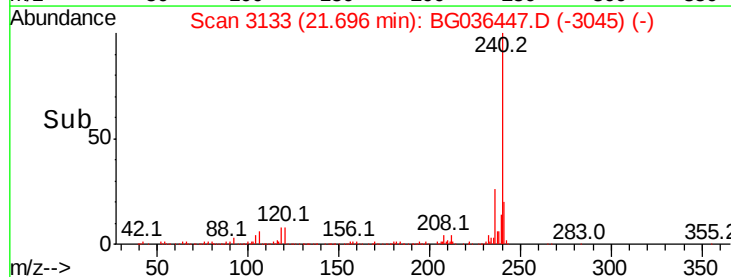
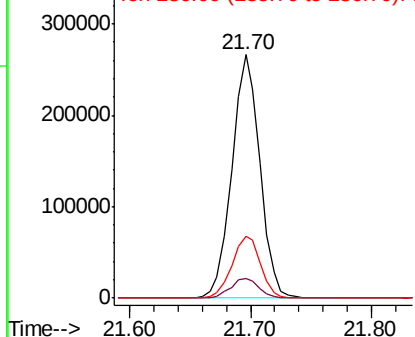


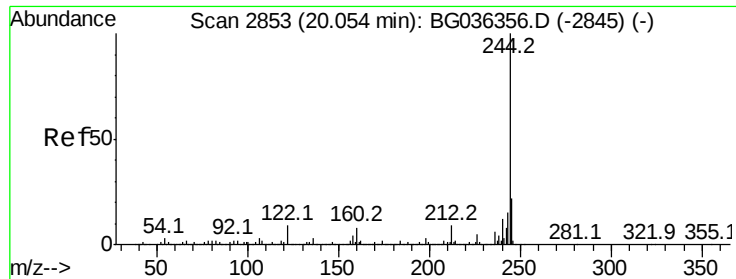
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG036447.D
 Acq: 28 Aug 2018 2:29

Tgt Ion:240 Resp: 429203
 Ion Ratio Lower Upper
 240 100
 120 7.9 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



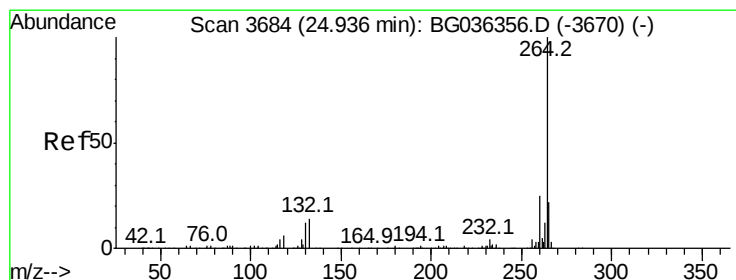
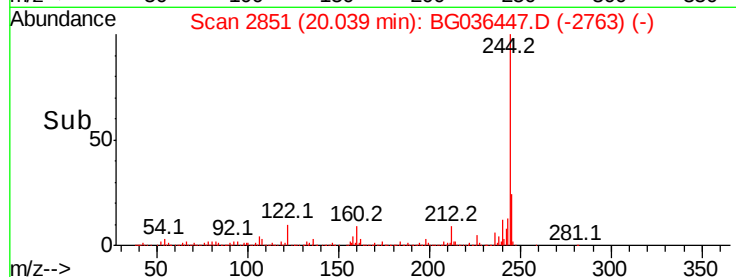
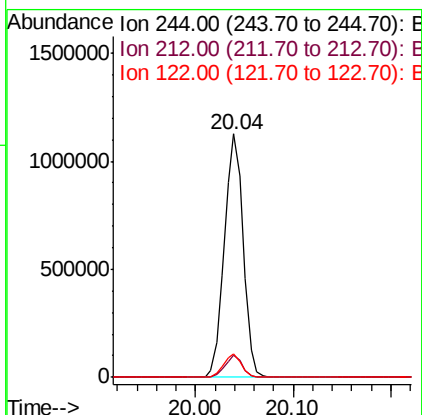
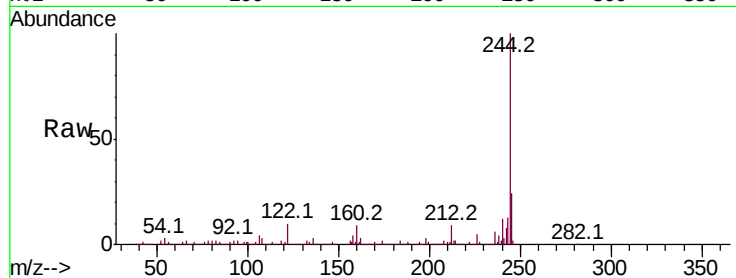


#78
 Terphenyl-d14
 Concen: 81.887 ng
 RT: 20.04 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BG036447.D
 Acq: 28 Aug 2018 2:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1503689

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	9.5	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3681
 Delta R.T. -0.02 min
 Lab File: BG036447.D
 Acq: 28 Aug 2018 2:29

Tgt Ion:264 Resp: 433048

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	21.5	17.4	26.0

