

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036382.D
 Acq On : 23 Aug 2018 18:12
 Operator : JU/SJ
 Sample : PB112153BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 24 03:32:17 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

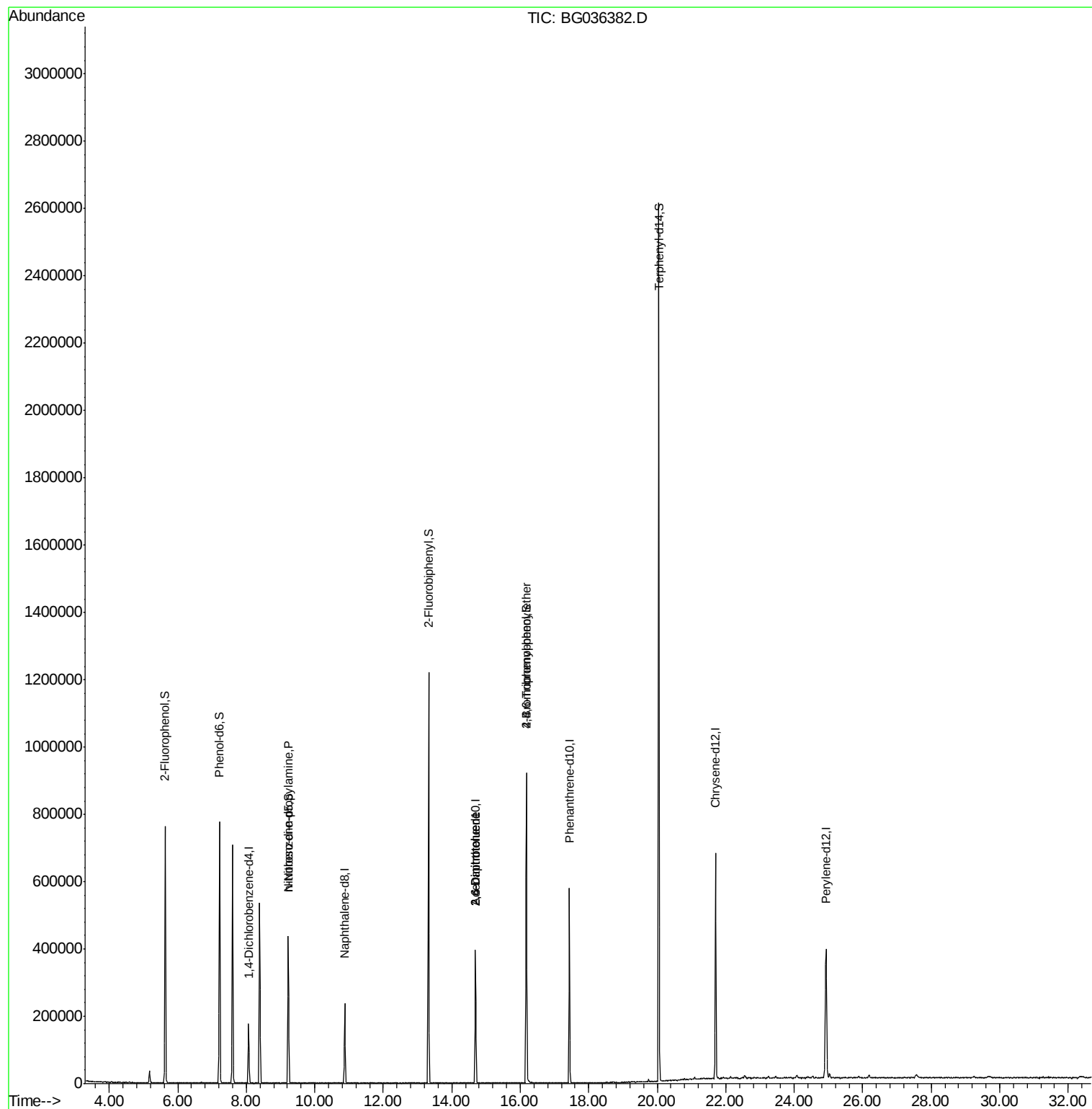
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	48845	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	201194	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	132129	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	351229	20.00	ng	0.00
75) Chrysene-d12	21.70	240	420736	20.00	ng	0.00
86) Perylene-d12	24.93	264	422137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	316657	102.84	ng	0.00
7) Phenol-d6	7.22	99	440997	100.03	ng	0.00
23) Nitrobenzene-d5	9.23	82	252657	68.13	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	173452	110.02	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	629854	68.06	ng	0.00
78) Terphenyl-d14	20.04	244	1246332	69.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	33527	10.176	ng	# 71
50) 2,6-Dinitrotoluene	14.69	165	16463	7.415	ng	# 21
56) 2,4-Dinitrotoluene	14.69	165	16463	5.690	ng	# 19
66) 4-Bromophenyl-phenylether	16.18	248	12186	2.963	ng	# 1

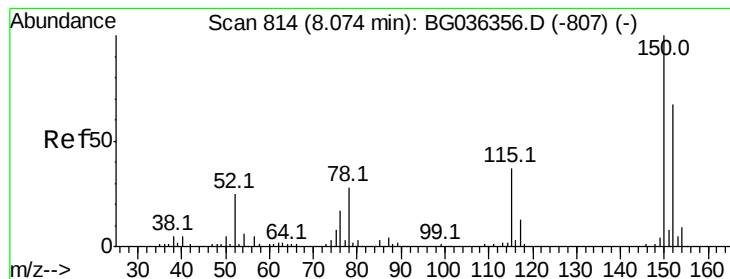
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG036382.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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BNA_G
ClientSampleId :

Quant Time: Aug 24 03:32:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



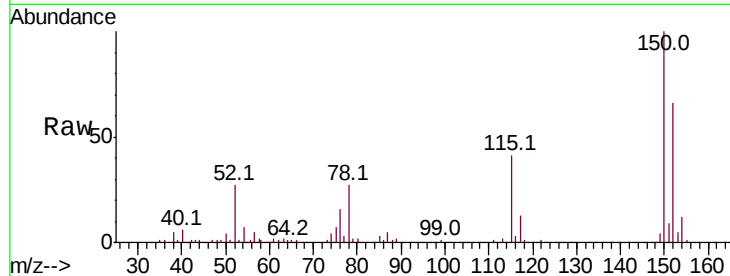


#1

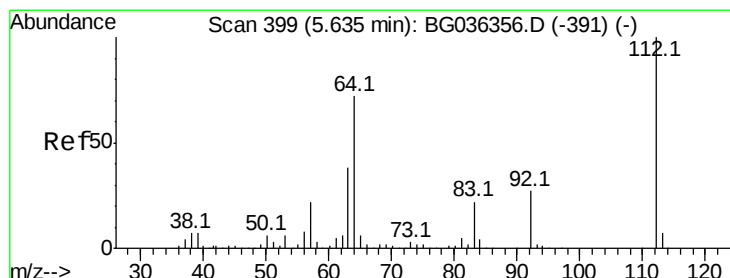
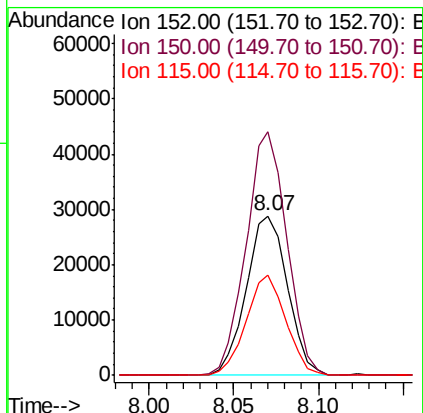
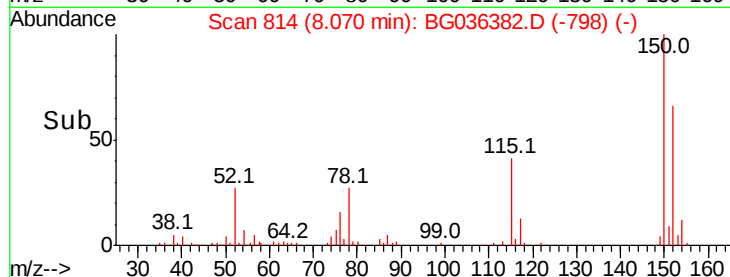
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 48845
Ion Ratio Lower Upper
152 100
150 152.4 119.5 179.3
115 62.6 44.5 66.7



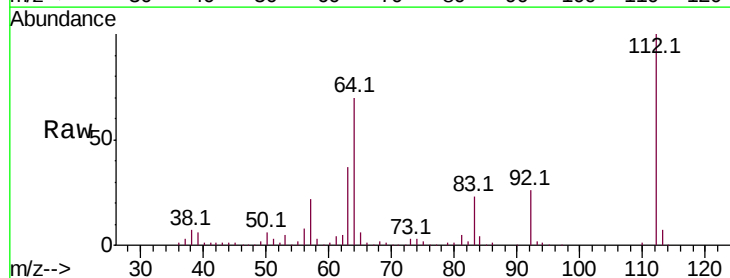
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



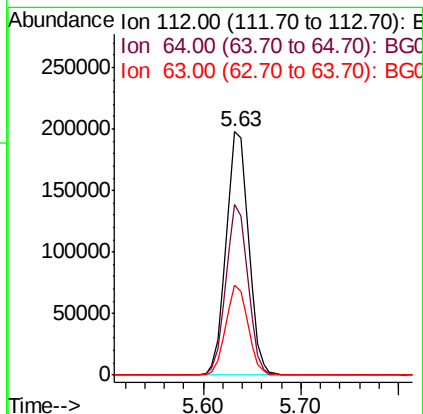
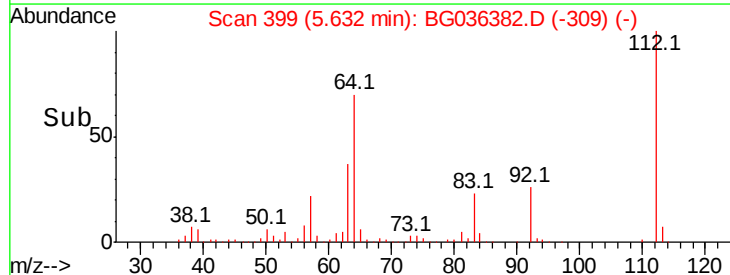
#5

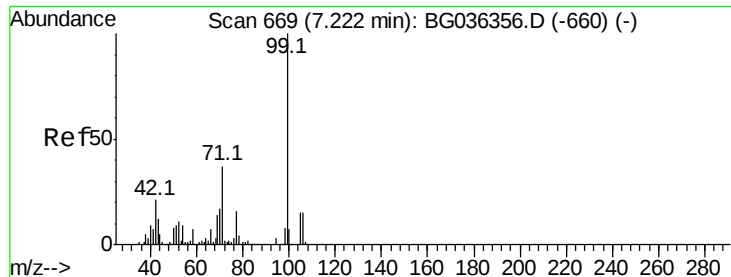
2-Fluorophenol
Concen: 102.838 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

Tgt Ion:112 Resp: 316657
Ion Ratio Lower Upper
112 100
64 70.1 57.2 85.8
63 37.2 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: 100.030 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036382.D

Acq: 23 Aug 2018 18:12

Instrument :

BNA_G

ClientSampleId :

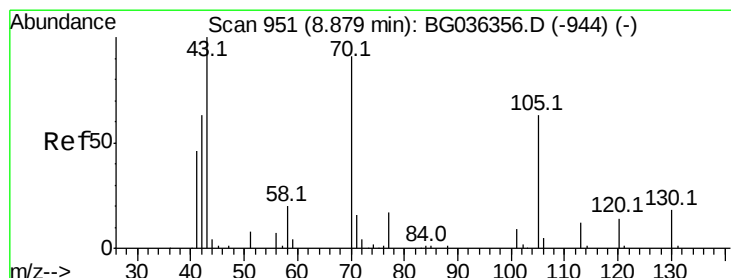
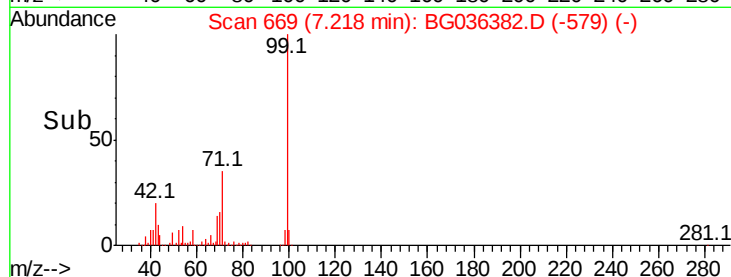
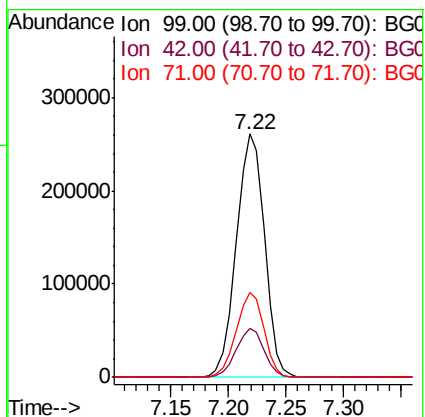
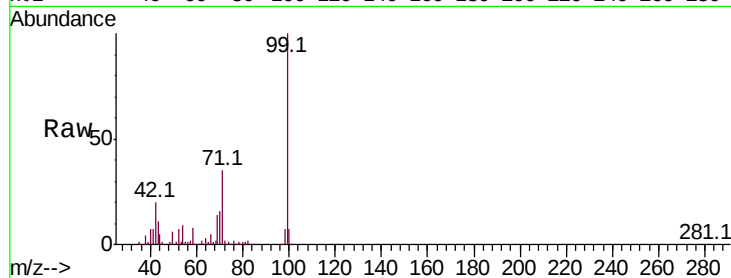
Tot Ion: 99 Resp: 440997

Ion Ratio Lower Upper

99 100

42 20.1 16.5 24.7

71 35.0 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 10.176 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG036382.D

Acq: 23 Aug 2018 18:12

Tgt Ion: 70 Resp: 33527

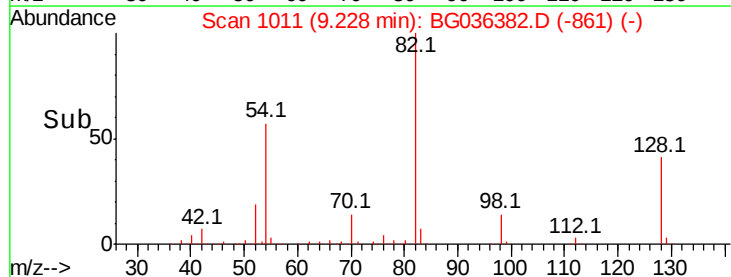
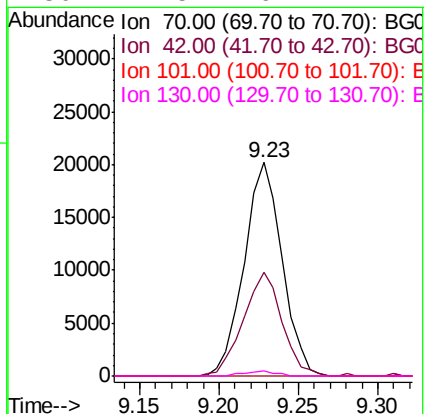
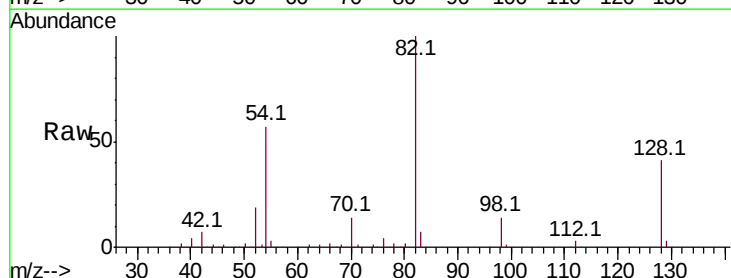
Ion Ratio Lower Upper

70 100

42 48.6 56.2 84.4#

101 0.0 7.8 11.6#

130 2.5 16.2 24.2#

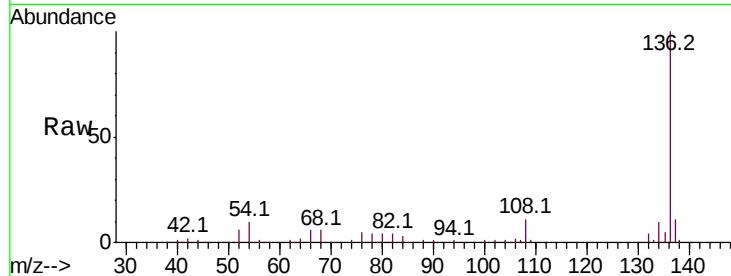




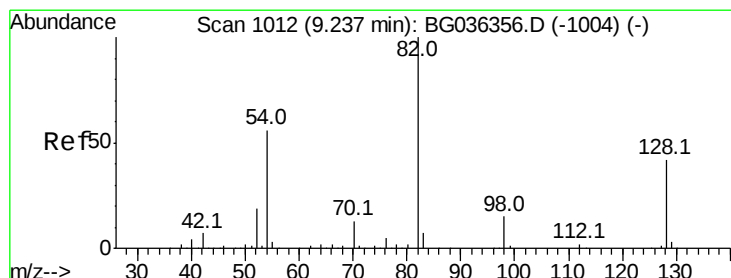
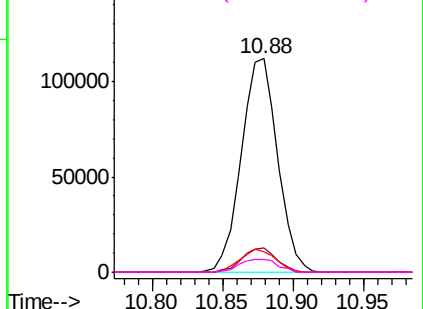
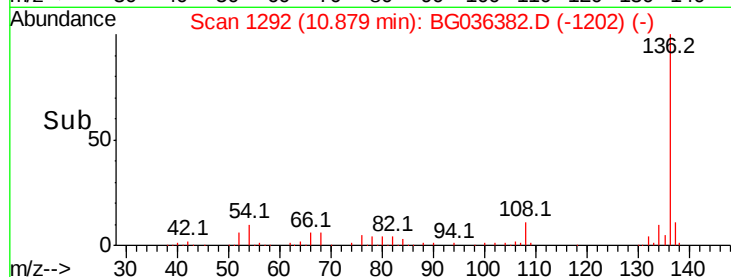
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	201194
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.8 13.2
54	9.8	9.2 13.8
68	6.3	5.8 8.6

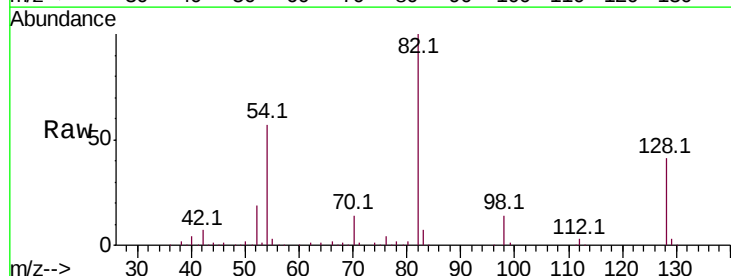


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

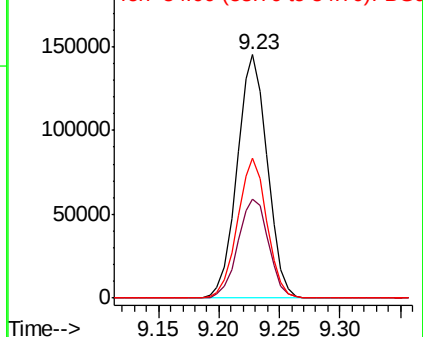
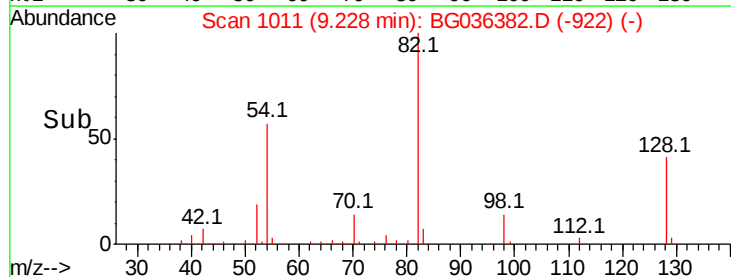


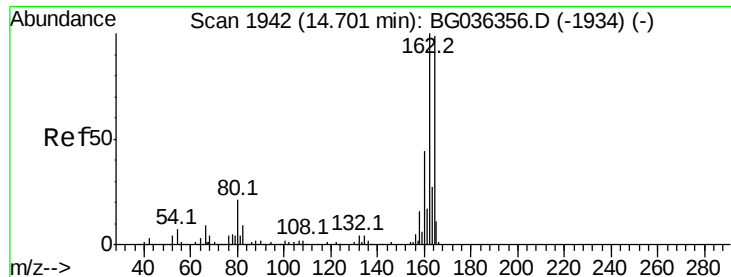
#23
Nitrobenzene-d5
Concen: 68.135 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

Tgt Ion: 82	Resp:	252657
Ion	Ratio	Lower Upper
82	100	
128	40.9	33.3 49.9
54	57.4	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

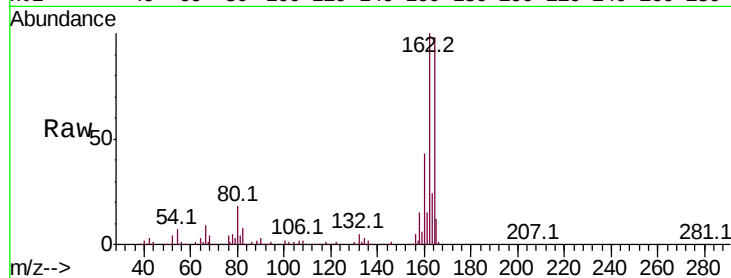




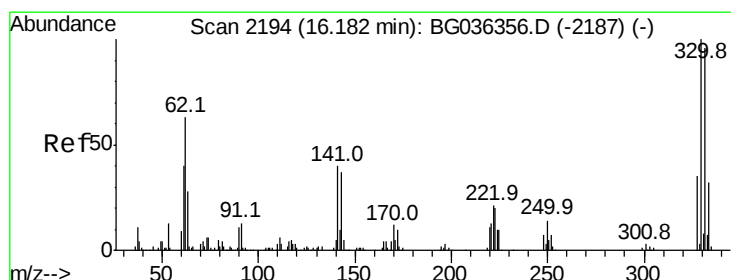
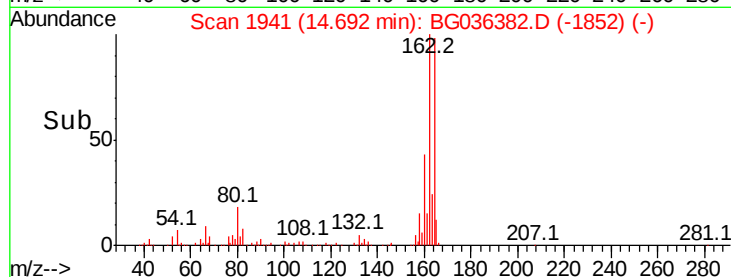
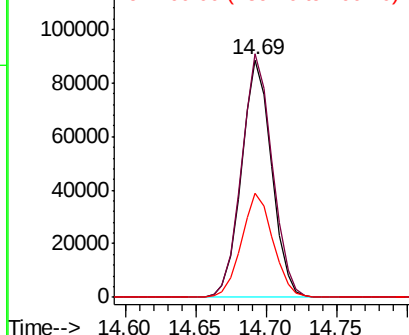
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 132129
Ion Ratio Lower Upper
164 100
162 102.4 80.7 121.1
160 44.0 35.3 52.9

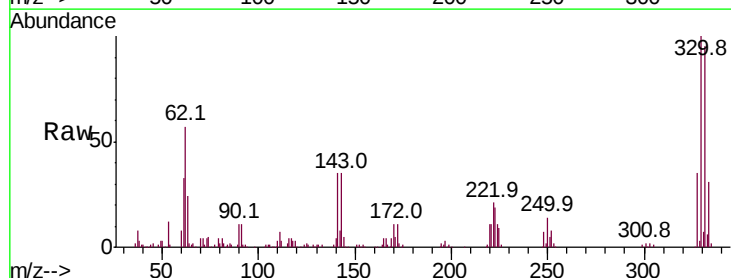


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

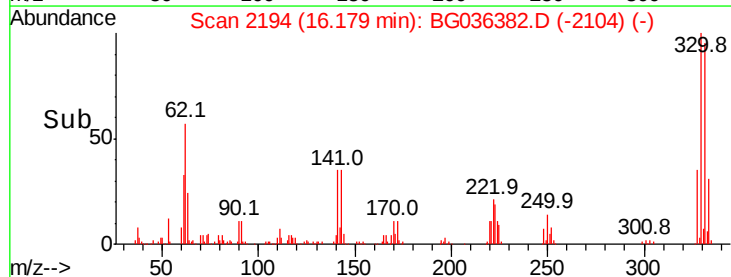
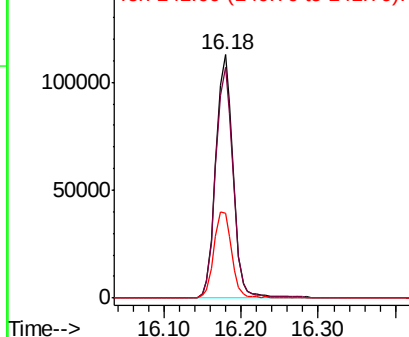


#41
2,4,6-Tribromophenol
Concen: 110.017 ng
RT: 16.18 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

Tgt Ion:330 Resp: 173452
Ion Ratio Lower Upper
330 100
332 96.1 75.4 113.2
141 36.3 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

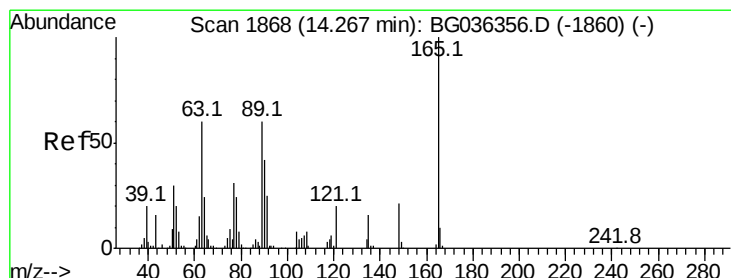
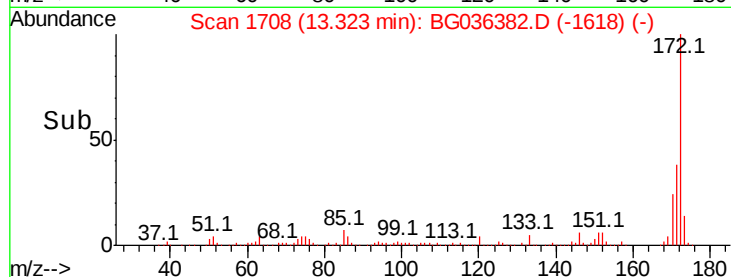
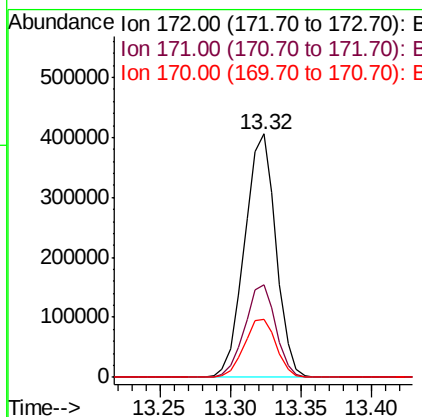
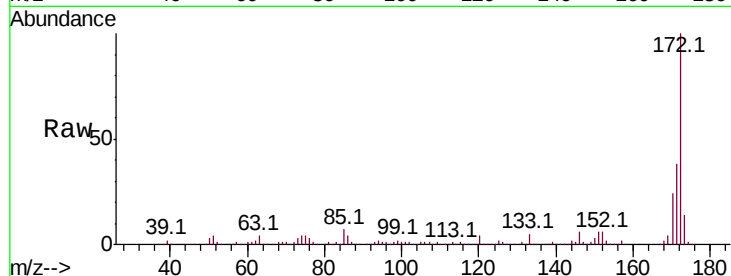




#44
 2-Fluorobiphenyl
 Concen: 68.064 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036382.D
 Acq: 23 Aug 2018 18:12

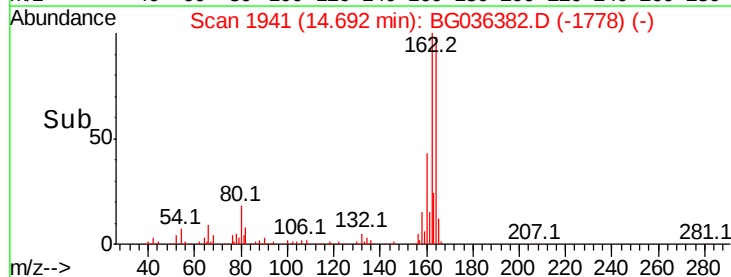
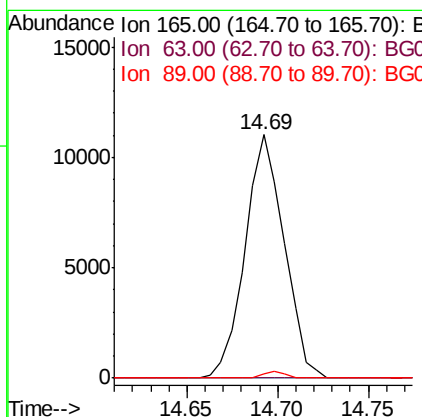
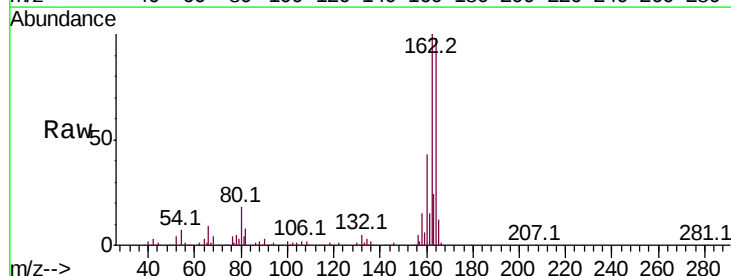
Instrument :
 BNA_G
 ClientSampled :

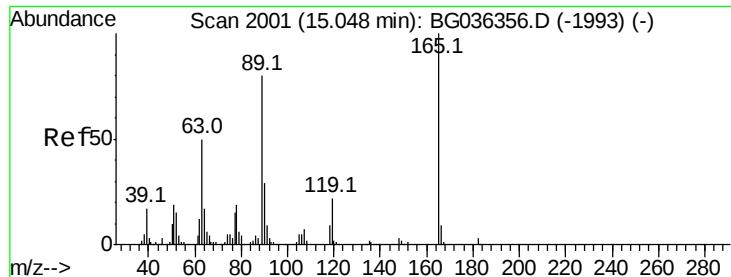
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	24.1	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.415 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. 0.43 min
 Lab File: BG036382.D
 Acq: 23 Aug 2018 18:12

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

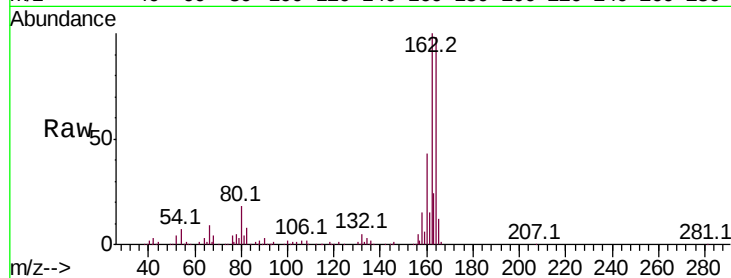




#56
 2,4-Dinitrotoluene
 Concen: 5.690 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.35 min
 Lab File: BG036382.D
 Acq: 23 Aug 2018 18:12

Instrument :
 BNA_G
 ClientSampleId :

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



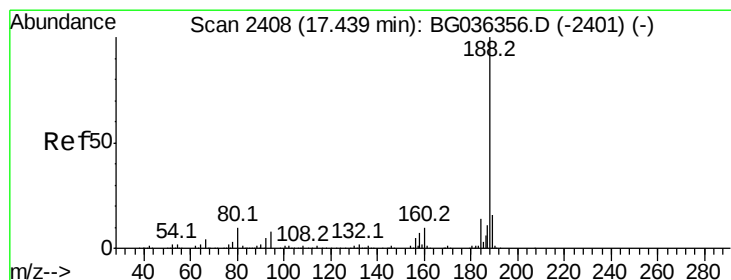
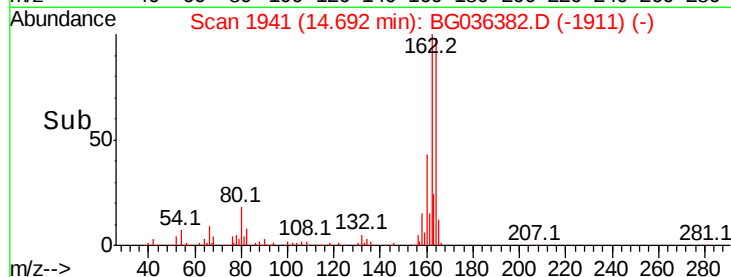
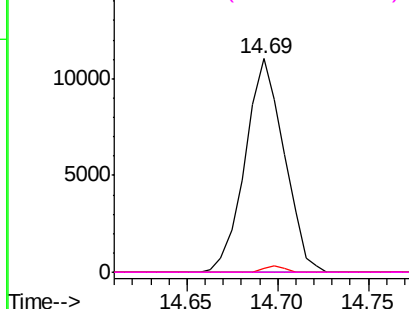
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

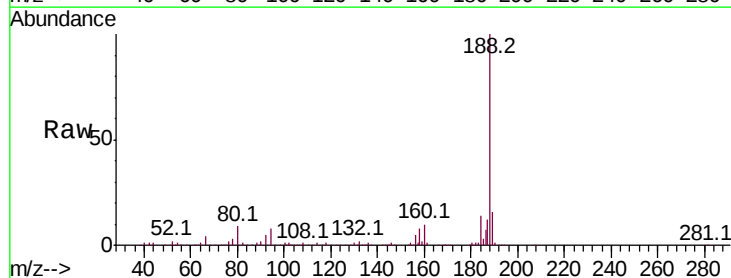
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BG036382.D
 Acq: 23 Aug 2018 18:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	9.0	8.1	12.1

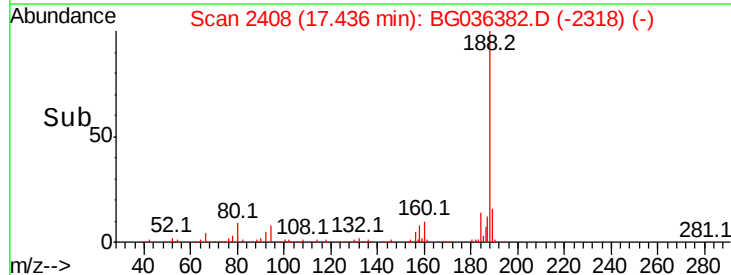
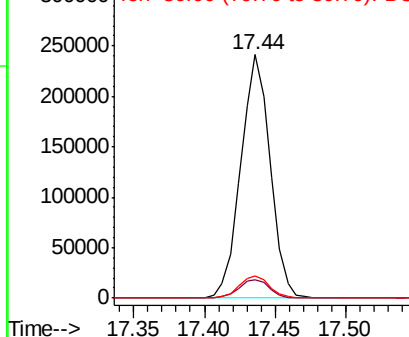


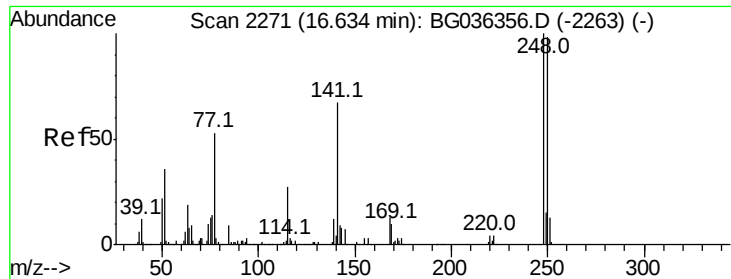
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

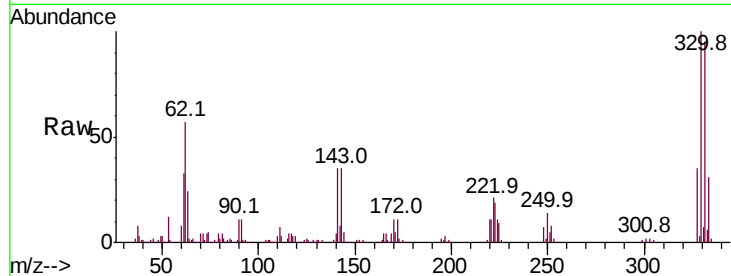




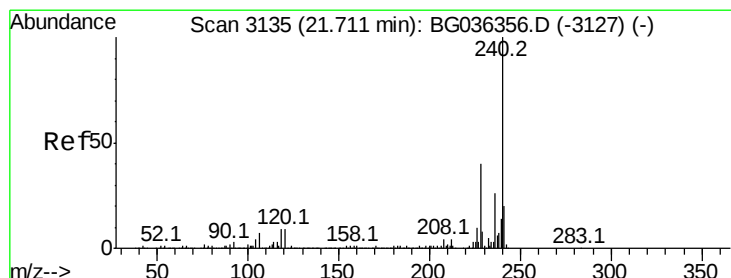
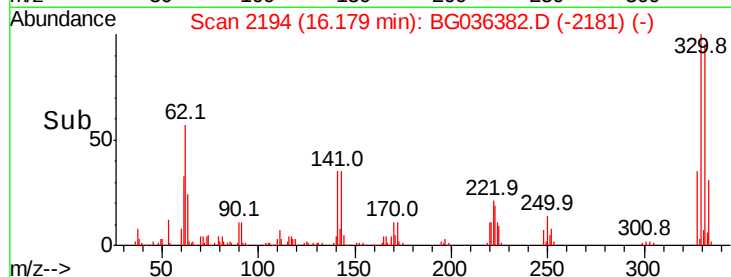
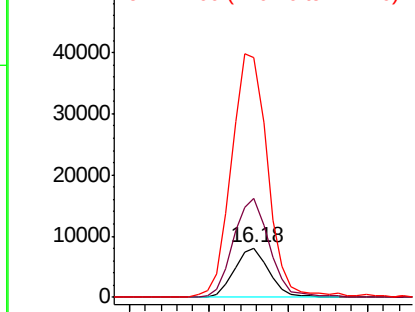
#66
4-Bromophenyl-phenylether
Concen: 2.963 ng
RT: 16.18 min Scan# 2194
Delta R.T. -0.46 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 12186
Ion Ratio Lower Upper
248 100
250 199.2 78.1 117.1#
141 483.8 53.7 80.5#

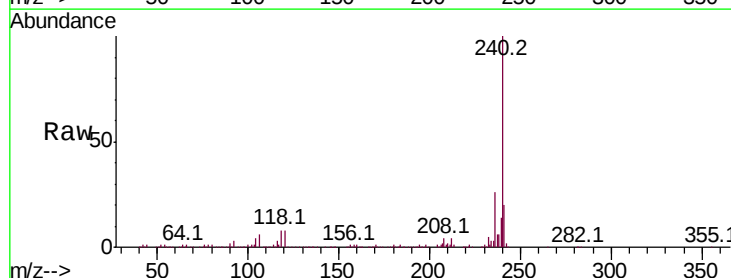


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

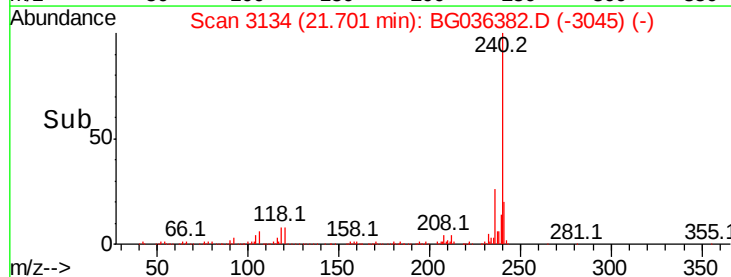
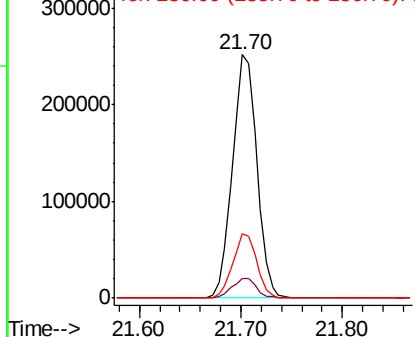


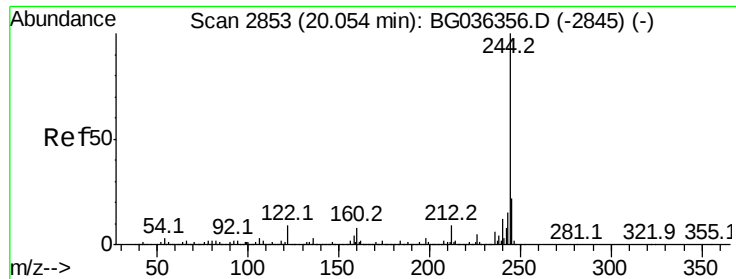
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG036382.D
Acq: 23 Aug 2018 18:12

Tgt Ion:240 Resp: 420736
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 26.3 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: 69.238 ng

RT: 20.04 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036382.D

Acq: 23 Aug 2018 18:12

Instrument :

BNA_G

ClientSampled :

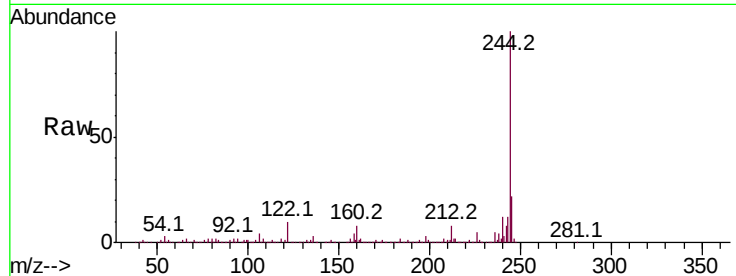
Tot Ion:244 Resp: 1246332

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

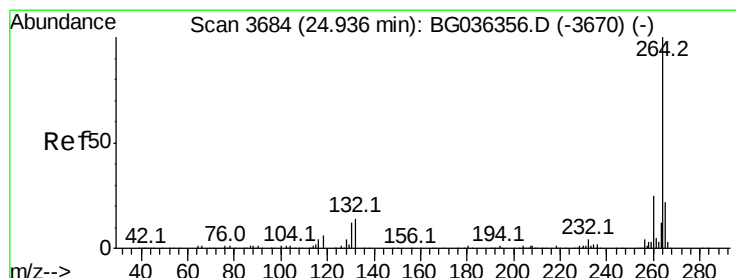
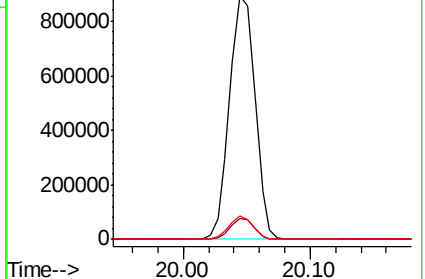
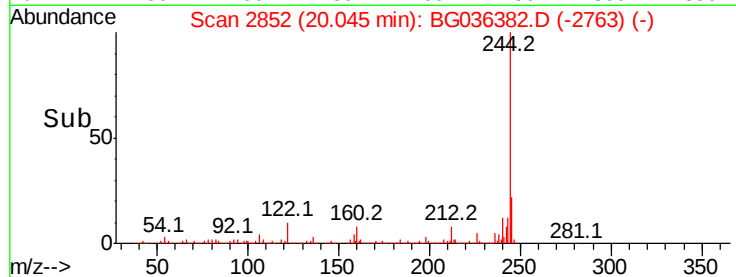
122 9.6 7.1 10.7



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: 24.93 min Scan# 3683

Delta R.T. -0.01 min

Lab File: BG036382.D

Acq: 23 Aug 2018 18:12

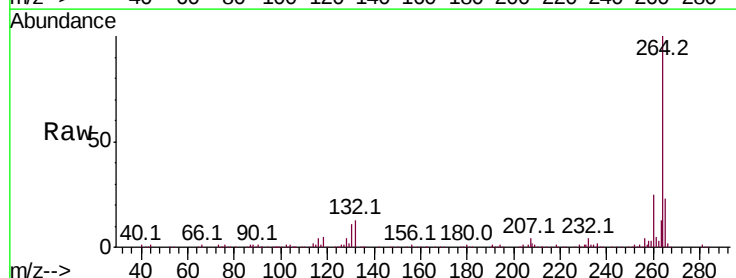
Tgt Ion:264 Resp: 422137

Ion Ratio Lower Upper

264 100

260 25.0 19.6 29.4

265 22.5 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

