

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036414.D
 Acq On : 24 Aug 2018 15:03
 Operator : JU/SJ
 Sample : PB112252TB
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 24 16:14:11 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

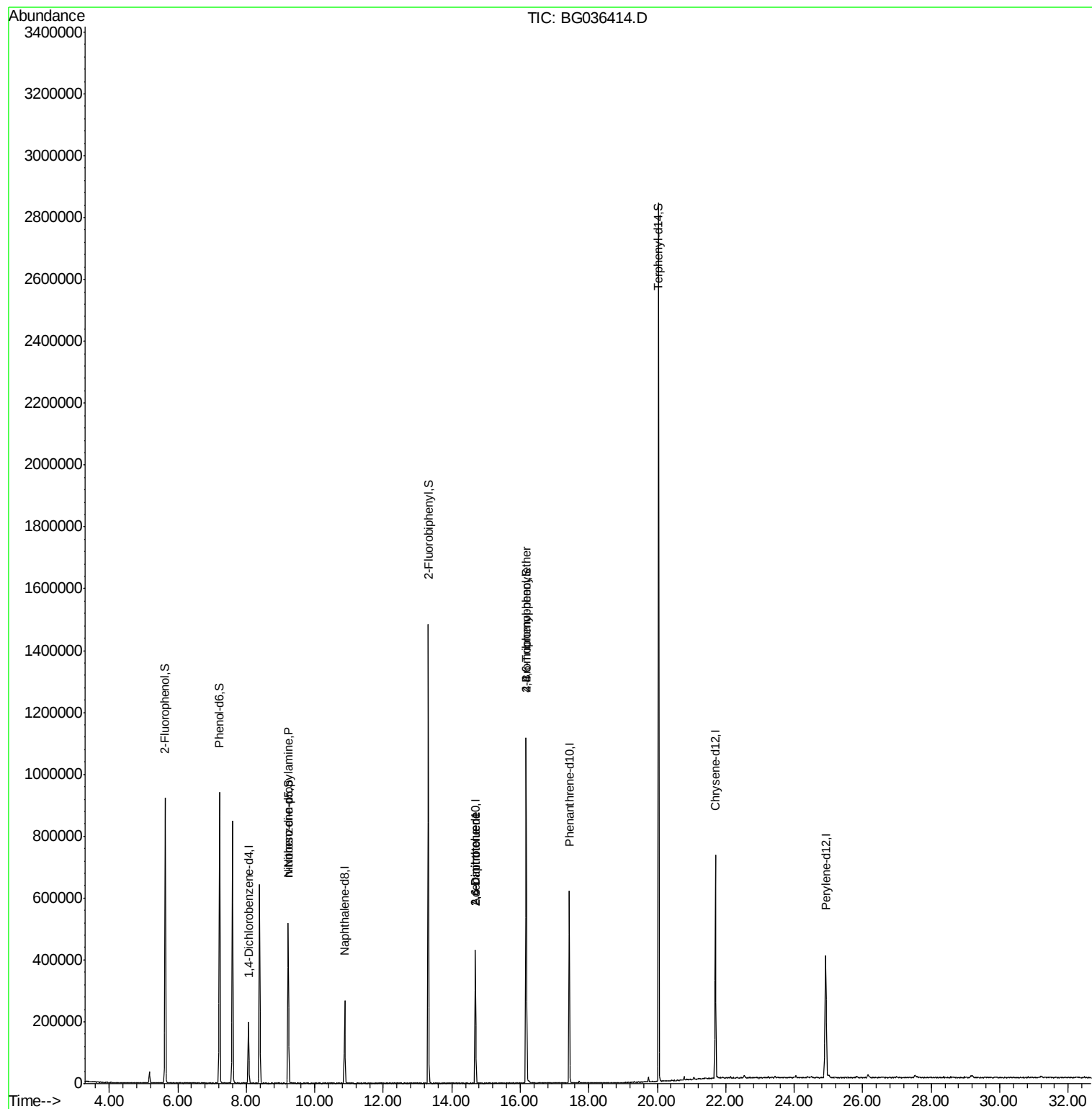
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	54916	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	228886	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	150251	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	389438	20.00	ng	0.00
75) Chrysene-d12	21.70	240	432265	20.00	ng	-0.01
86) Perylene-d12	24.92	264	430302	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	381066	110.07	ng	0.00
7) Phenol-d6	7.22	99	522575	105.43	ng	0.00
23) Nitrobenzene-d5	9.23	82	308573	73.15	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	203399	113.45	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	745181	70.81	ng	0.00
78) Terphenyl-d14	20.04	244	1352678	73.14	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	40515	10.937	ng	# 70
50) 2,6-Dinitrotoluene	14.69	165	19757	7.826	ng	# 22
56) 2,4-Dinitrotoluene	14.69	165	19757	6.005	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	14961	3.281	ng	# 1

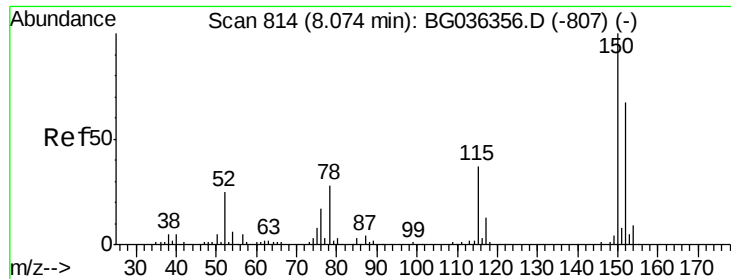
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
Data File : BG036414.D
Acq On : 24 Aug 2018 15:03
Operator : JU/SJ
Sample : PB112252TB
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 24 16:14:11 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



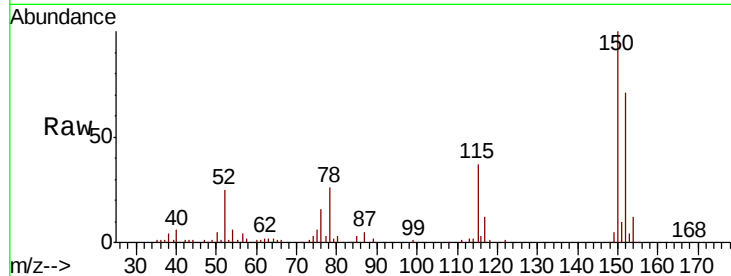


#1

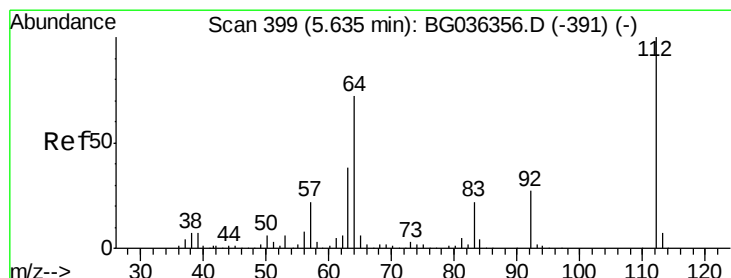
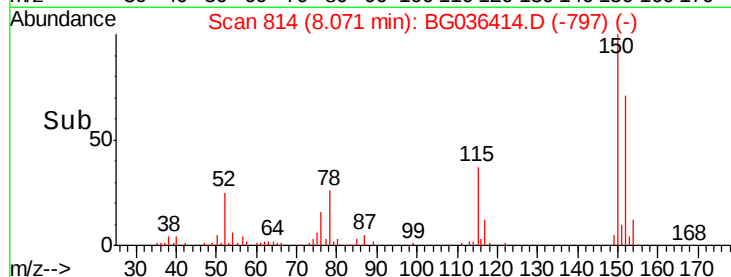
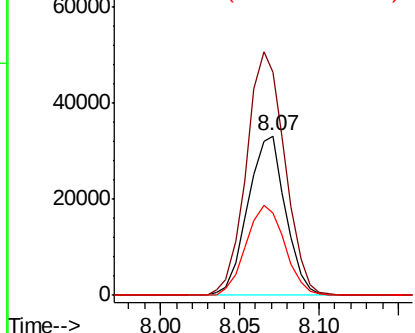
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036414.D
Acq: 24 Aug 2018 15:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.6	119.5	179.3
115	51.7	44.5	66.7



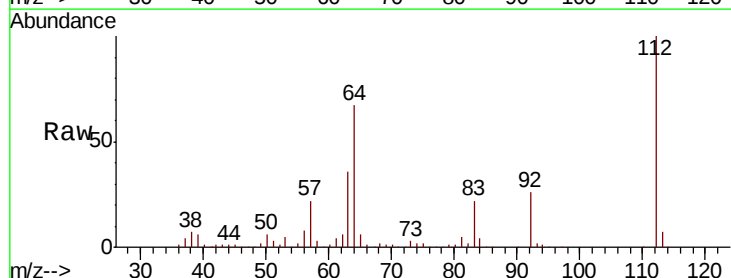
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



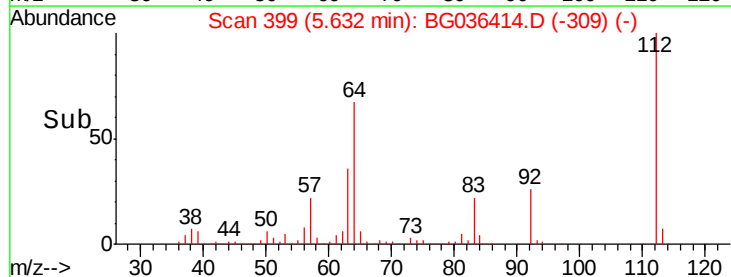
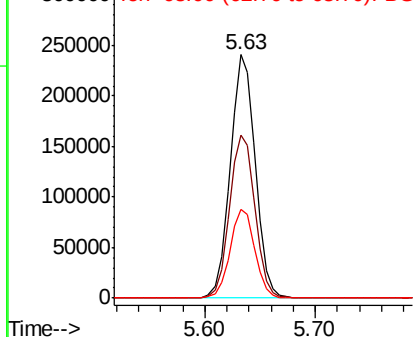
#5

2-Fluorophenol
Concen: 110.074 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036414.D
Acq: 24 Aug 2018 15:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	57.2	85.8
63	36.2	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: 105.430 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036414.D

Acq: 24 Aug 2018 15:03

Instrument :

BNA_G

ClientSampleId :

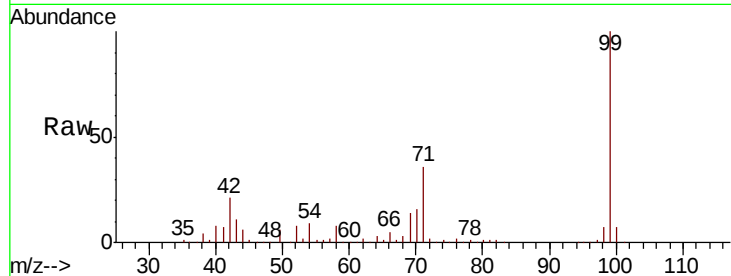
Tot Ion: 99 Resp: 522575

Ion Ratio Lower Upper

99 100

42 20.9 16.5 24.7

71 36.2 29.4 44.2

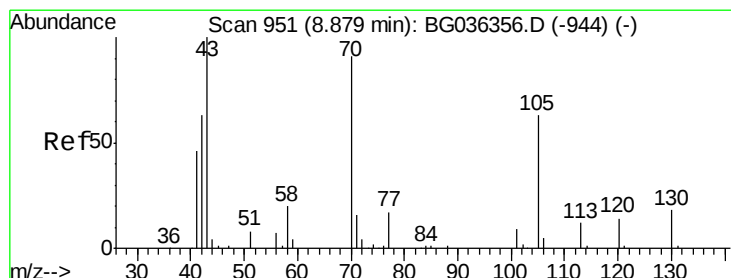
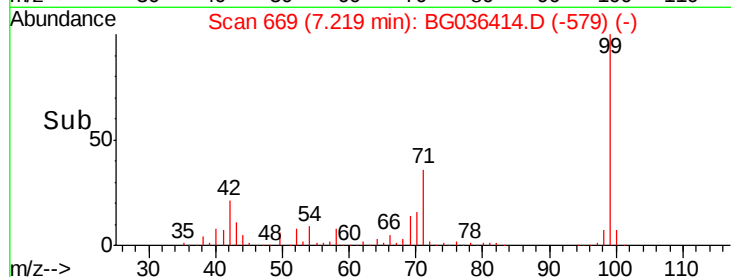
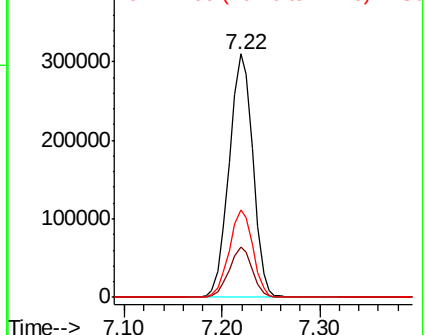


Abundance

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: 10.937 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG036414.D

Acq: 24 Aug 2018 15:03

Tgt Ion: 70 Resp: 40515

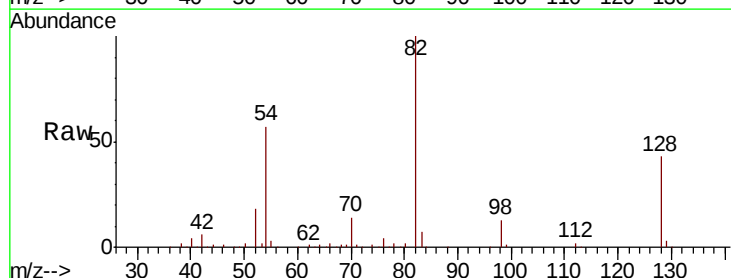
Ion Ratio Lower Upper

70 100

42 47.1 56.2 84.4#

101 0.0 7.8 11.6#

130 2.0 16.2 24.2#



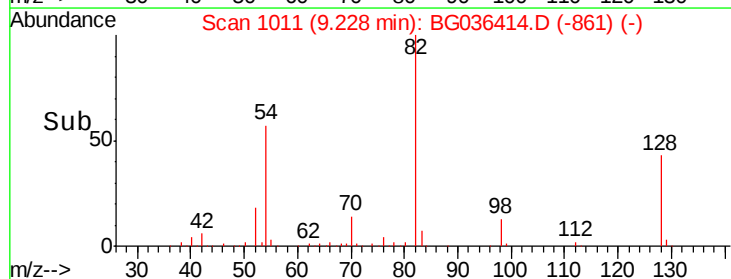
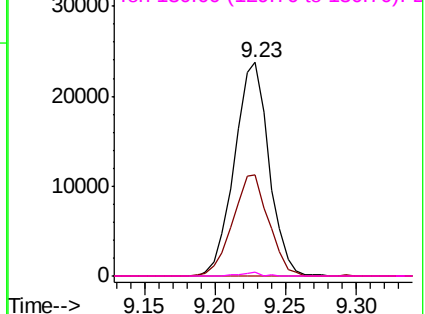
Abundance

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

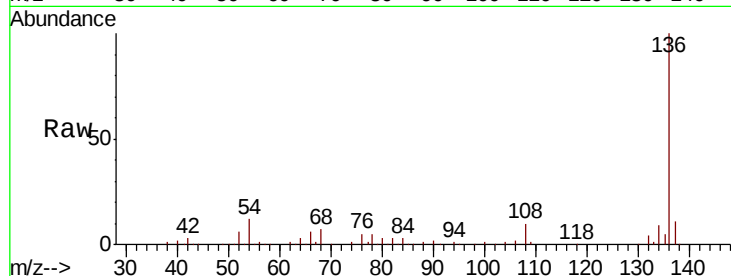




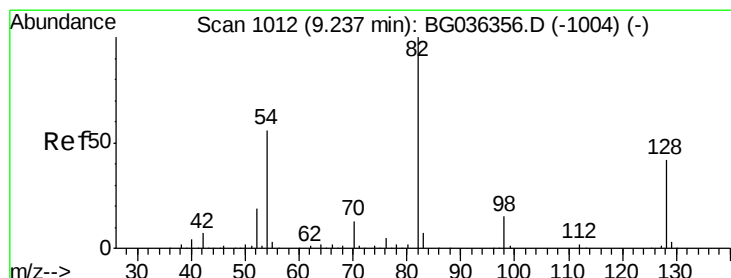
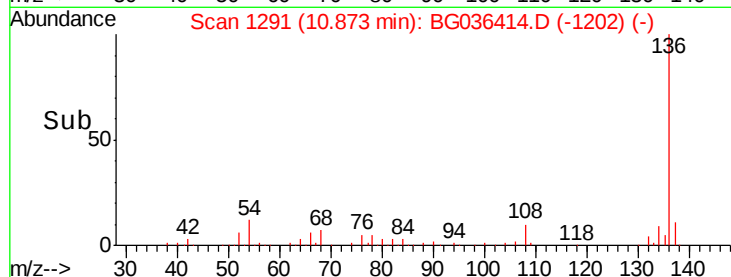
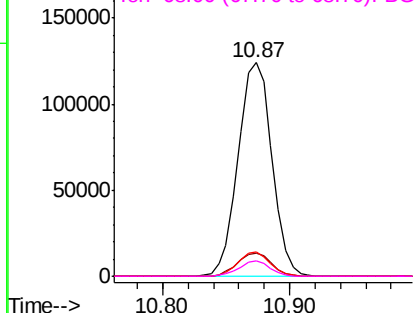
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036414.D
Acq: 24 Aug 2018 15:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	228886
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	11.6	9.2 13.8
68	7.0	5.8 8.6

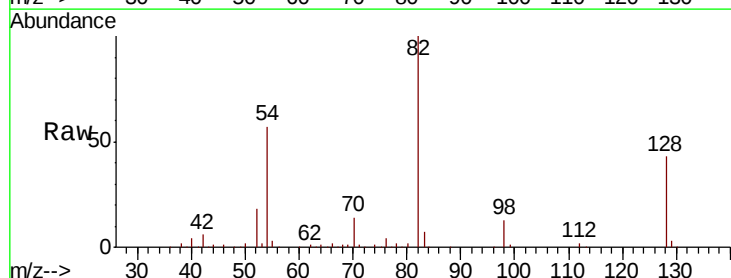


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

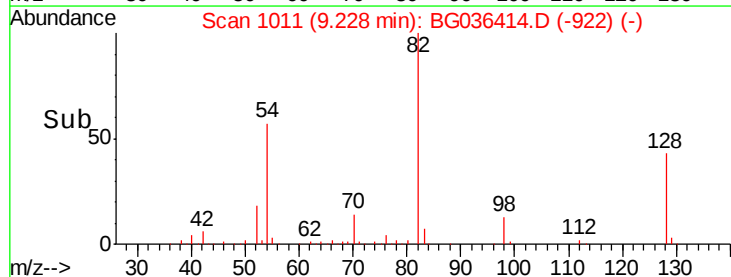
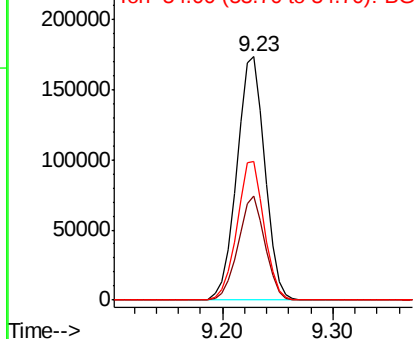


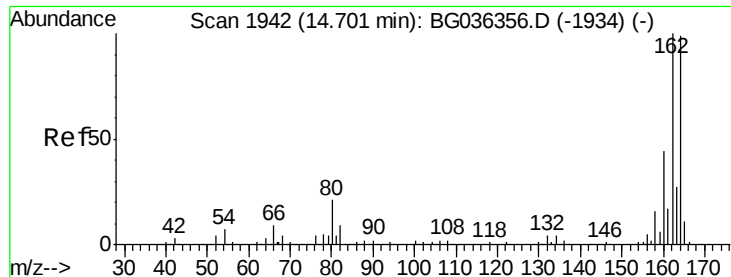
#23
Nitrobenzene-d5
Concen: 73.146 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036414.D
Acq: 24 Aug 2018 15:03

Tgt Ion: 82	Resp:	308573
Ion Ratio	Lower	Upper
82	100	
128	42.8	33.3 49.9
54	57.0	45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
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: BG036414.D

Acq: 24 Aug 2018 15:03

Instrument :

BNA_G

ClientSampleId :

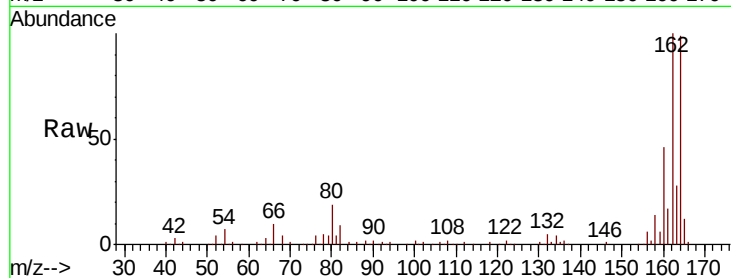
Tot Ion:164 Resp: 150251

Ion Ratio Lower Upper

164 100

162 101.0 80.7 121.1

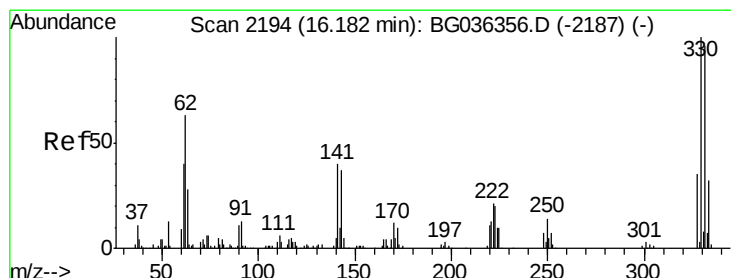
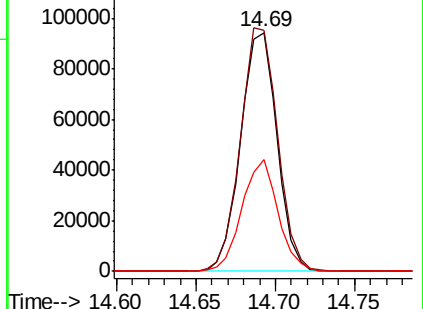
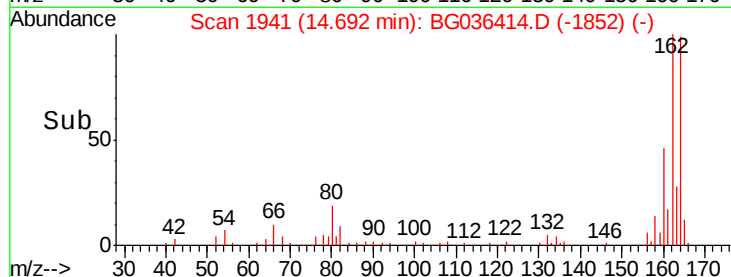
160 46.9 35.3 52.9



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: 113.451 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG036414.D

Acq: 24 Aug 2018 15:03

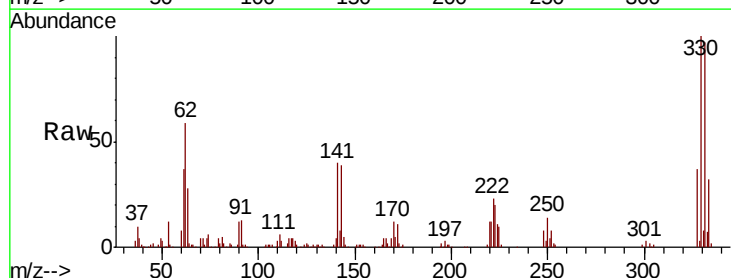
Tgt Ion:330 Resp: 203399

Ion Ratio Lower Upper

330 100

332 97.7 75.4 113.2

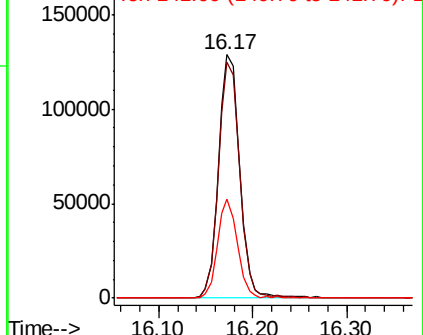
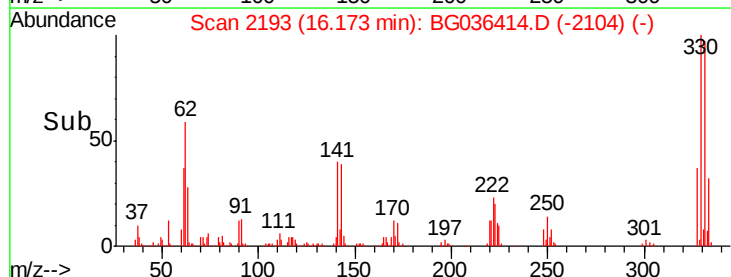
141 38.8 30.7 46.1

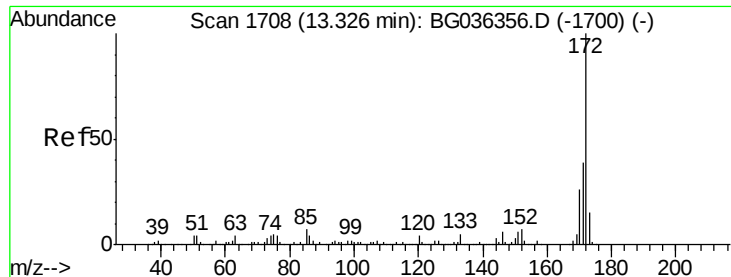


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

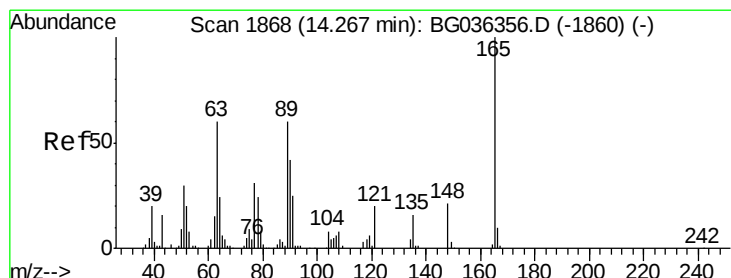
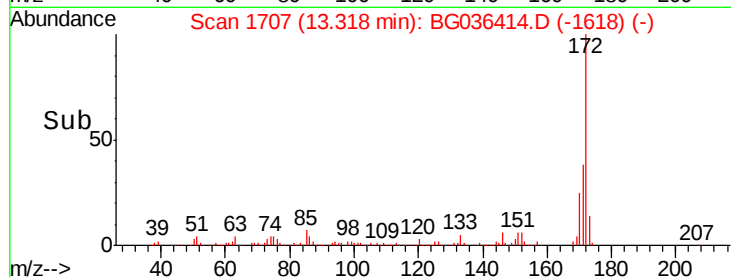
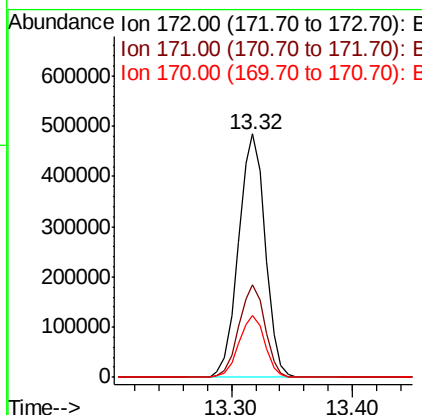
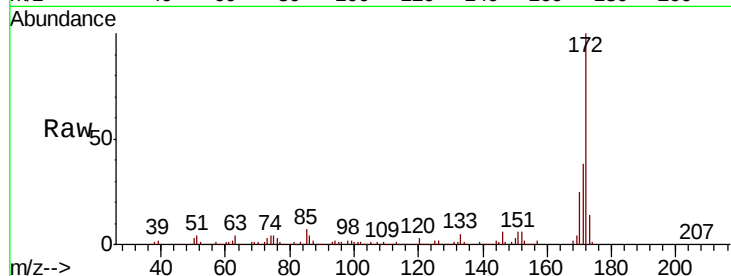




#44
2-Fluorobiphenyl
Concen: 70.814 ng
RT: 13.32 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BG036414.D
Acq: 24 Aug 2018 15:03

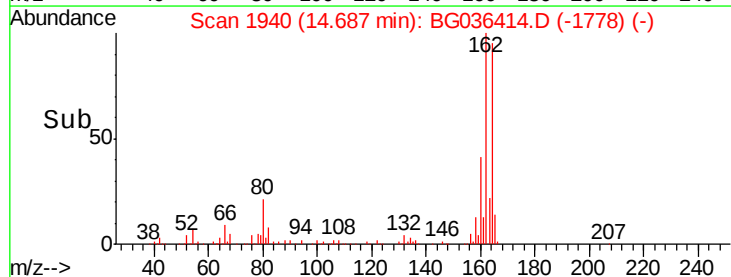
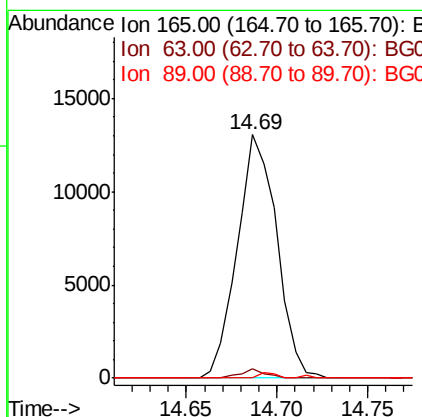
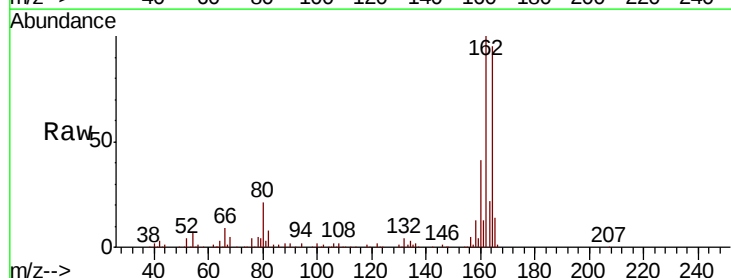
Instrument :
BNA_G
ClientSampleId :

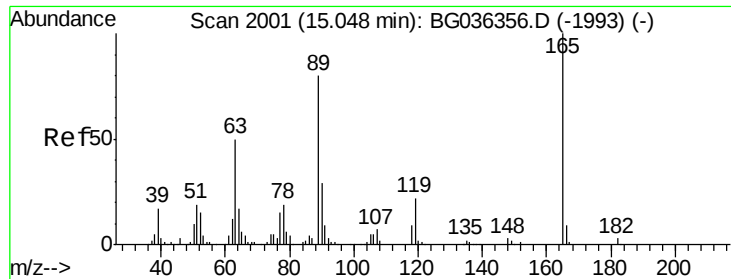
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	25.2	21.0	31.6



#50
2,6-Dinitrotoluene
Concen: 7.826 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG036414.D
Acq: 24 Aug 2018 15:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.8	50.1	75.1#
89	0.0	47.8	71.6#

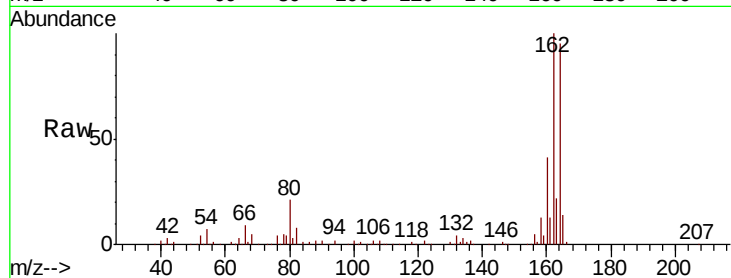




#56
 2,4-Dinitrotoluene
 Concen: 6.005 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG036414.D
 Acq: 24 Aug 2018 15:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	3.8	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#

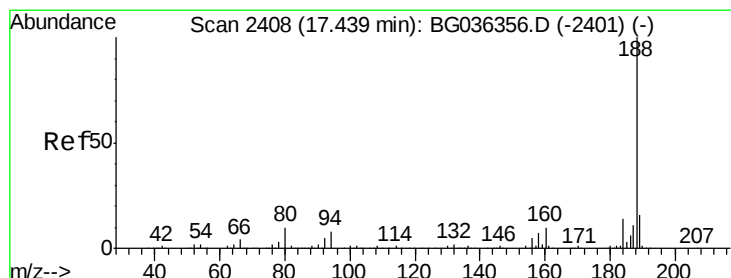
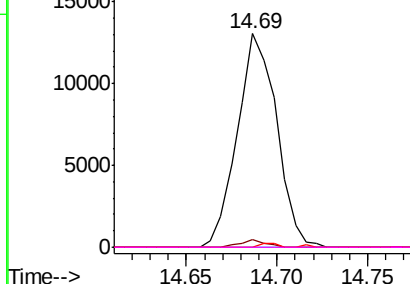
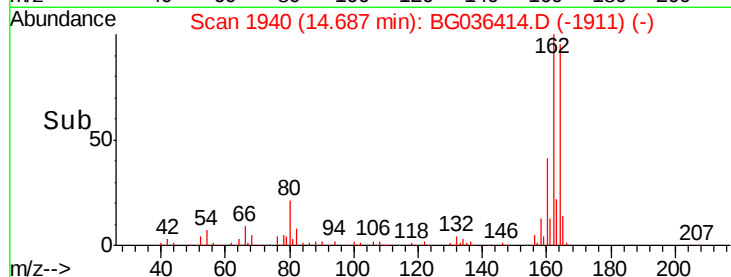


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

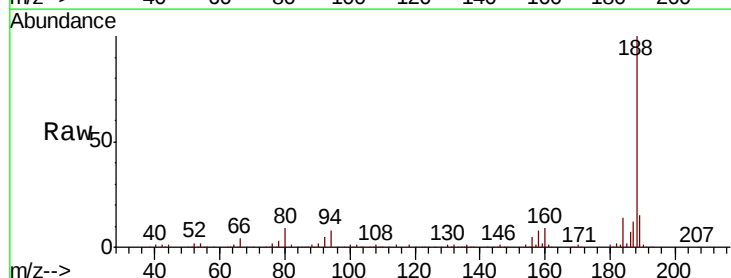
Ion 89.00 (88.70 to 89.70): BGC

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: BG036414.D
 Acq: 24 Aug 2018 15:03

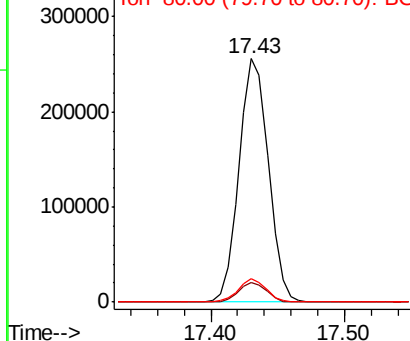
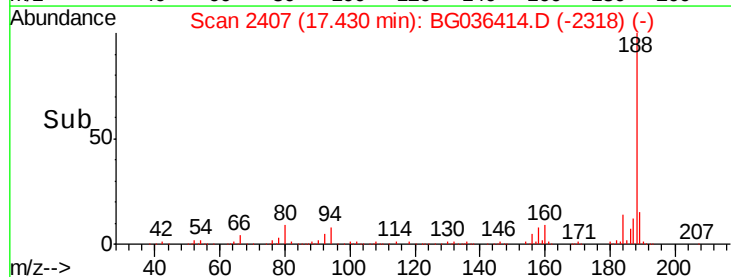
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	9.4	8.1	12.1

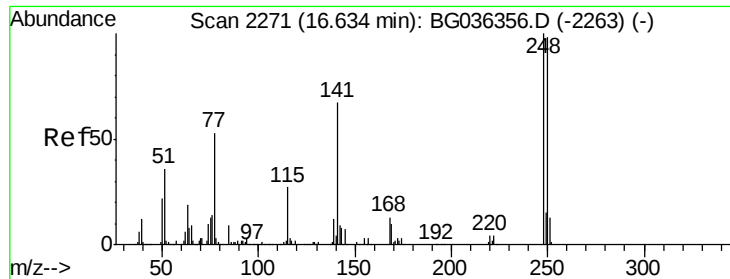


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

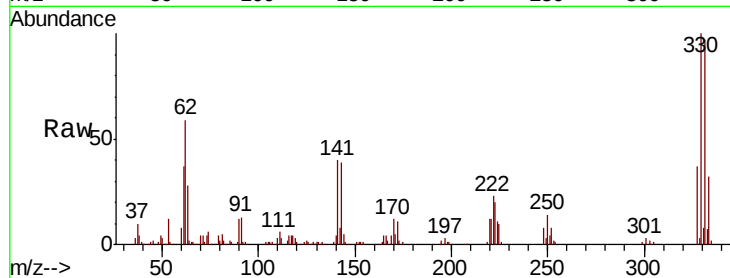




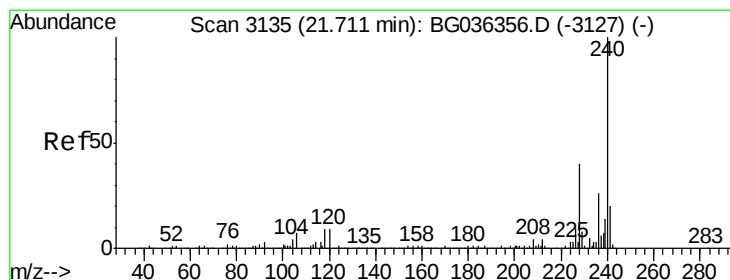
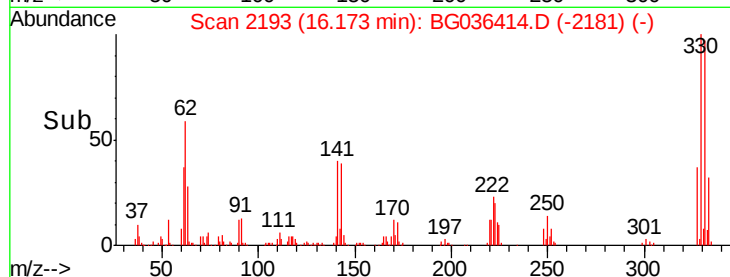
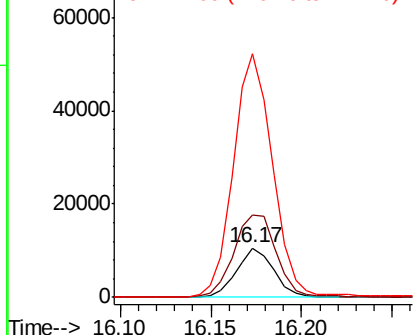
#66
 4-Bromophenyl-phenylether
 Concen: 3.281 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG036414.D
 Acq: 24 Aug 2018 15:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 14961
 Ion Ratio Lower Upper
 248 100
 250 165.9 78.1 117.1#
 141 493.0 53.7 80.5#

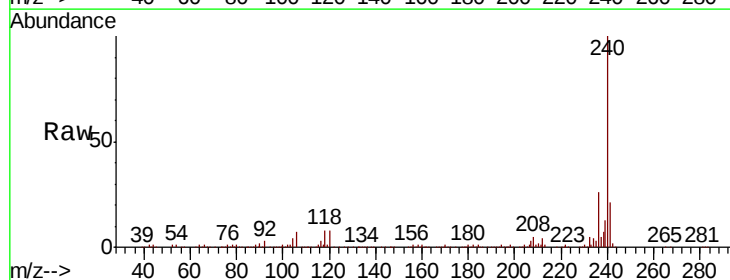


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

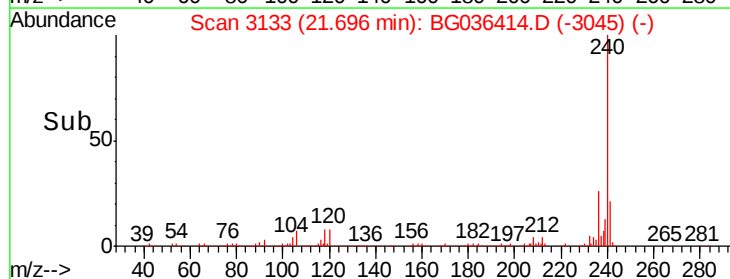
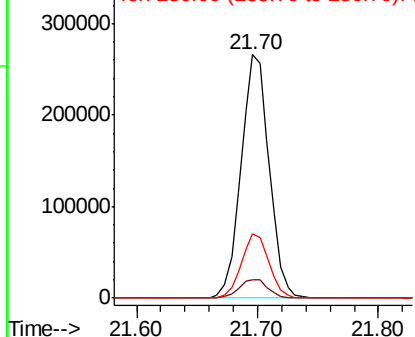


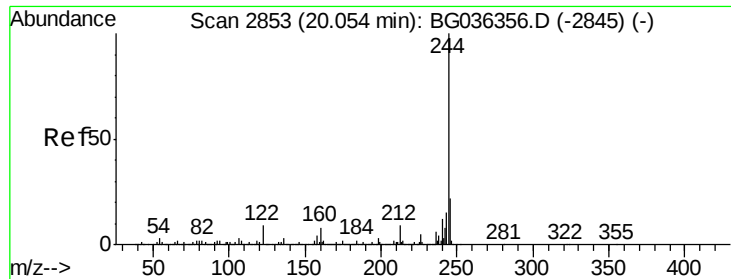
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG036414.D
 Acq: 24 Aug 2018 15:03

Tgt Ion:240 Resp: 432265
 Ion Ratio Lower Upper
 240 100
 120 7.7 6.9 10.3
 236 26.2 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: 73.142 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036414.D

Acq: 24 Aug 2018 15:03

Instrument :

BNA_G

ClientSampleId :

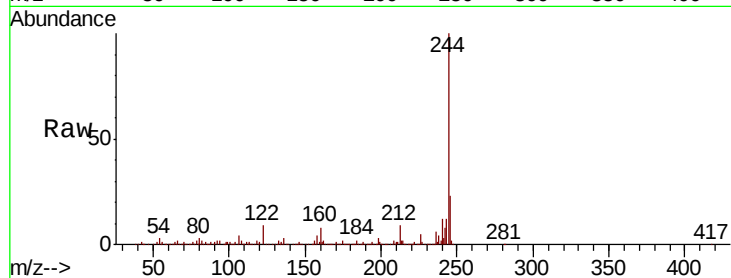
Tot Ion:244 Resp: 1352678

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

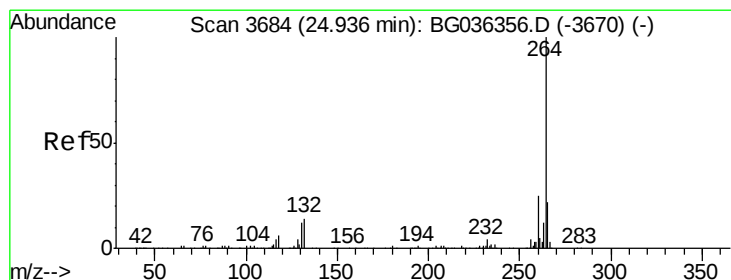
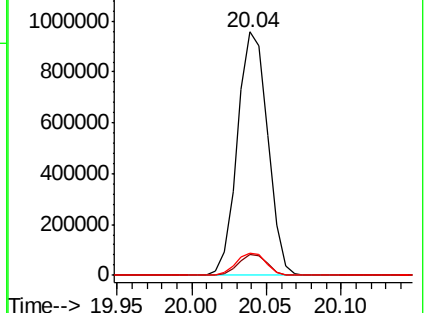
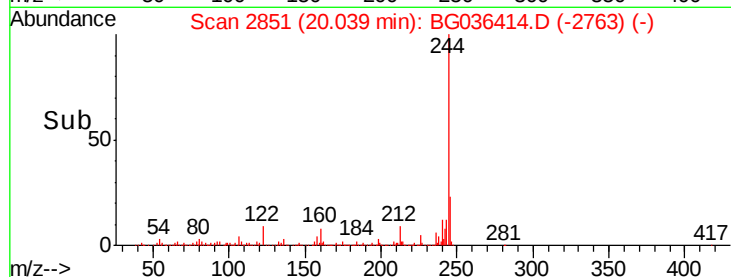
122 9.4 7.1 10.7



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: 24.92 min Scan# 3681

Delta R.T. -0.02 min

Lab File: BG036414.D

Acq: 24 Aug 2018 15:03

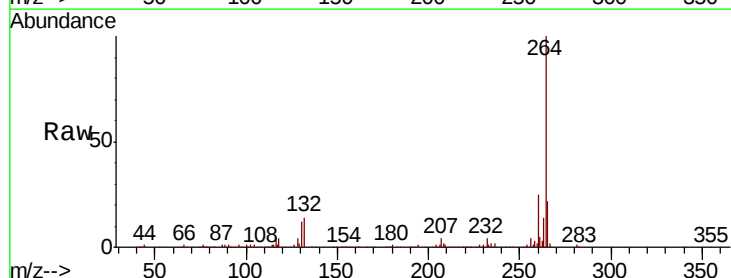
Tgt Ion:264 Resp: 430302

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 21.8 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

