

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036380.D
 Acq On : 23 Aug 2018 16:54
 Operator : JU/SJ
 Sample : PB112306BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 18:33:29 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

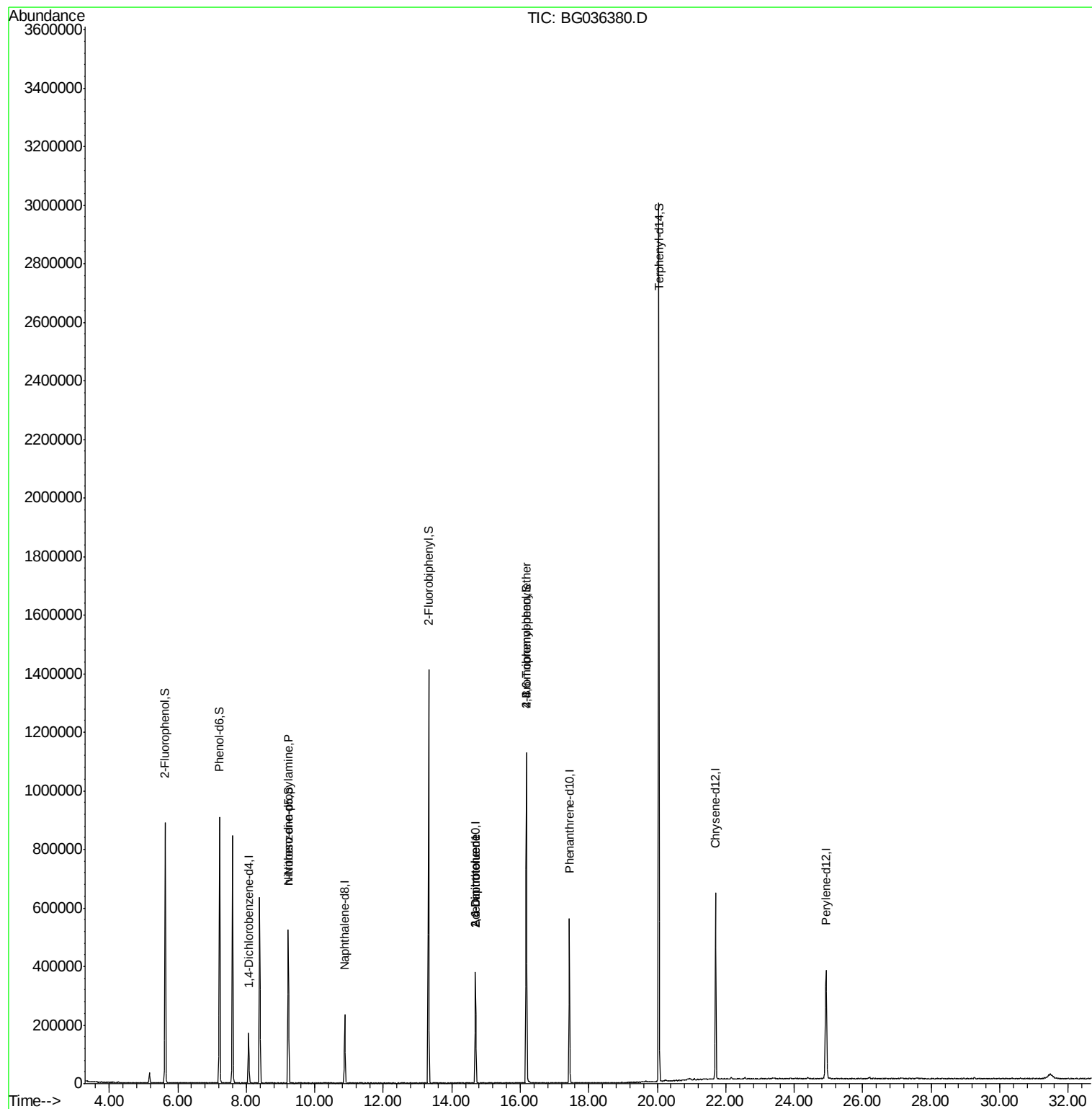
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	48001	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	196473	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	130241	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	344267	20.00	ng	0.00
75) Chrysene-d12	21.70	240	394741	20.00	ng	0.00
86) Perylene-d12	24.93	264	404308	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	366649	121.17	ng	0.00
7) Phenol-d6	7.22	99	512962	118.40	ng	0.00
23) Nitrobenzene-d5	9.23	82	302604	83.57	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	208601	134.23	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	739034	81.02	ng	0.00
78) Terphenyl-d14	20.04	244	1431902	84.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	40552	12.524	ng	# 70
50) 2,6-Dinitrotoluene	14.69	165	16831	7.691	ng	# 21
56) 2,4-Dinitrotoluene	14.69	165	16831	5.901	ng	# 19
66) 4-Bromophenyl-phenylether	16.18	248	15260	3.786	ng	# 1

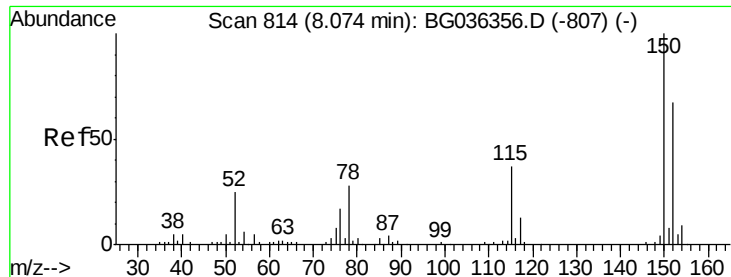
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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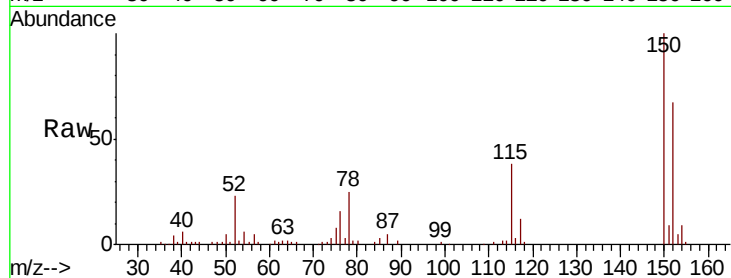


#1

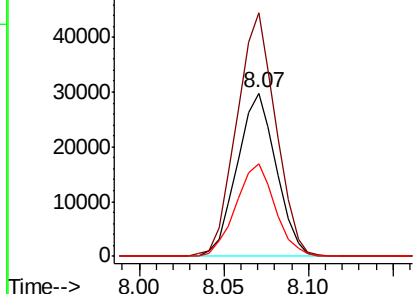
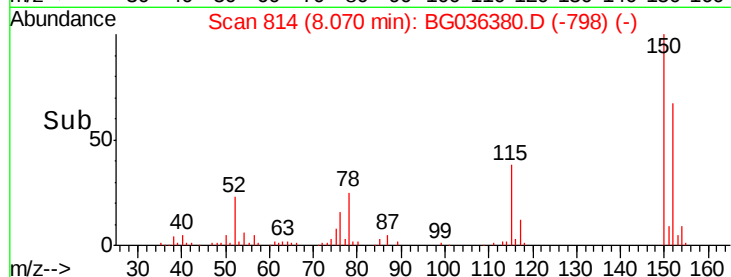
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036380.D
Acq: 23 Aug 2018 16:54

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	119.5	179.3
115	56.5	44.5	66.7



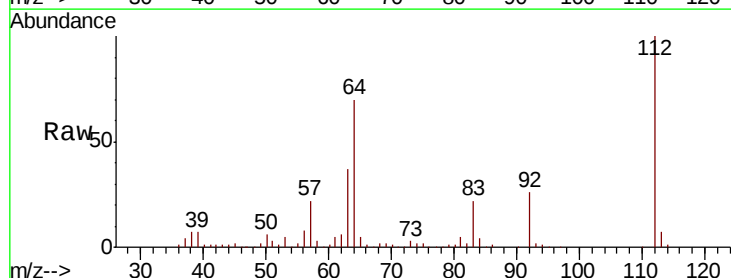
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



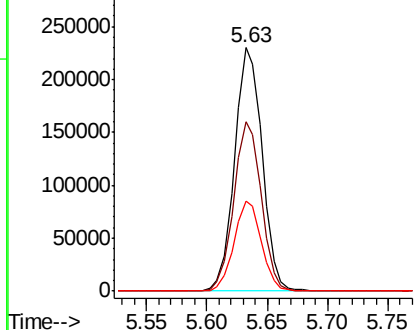
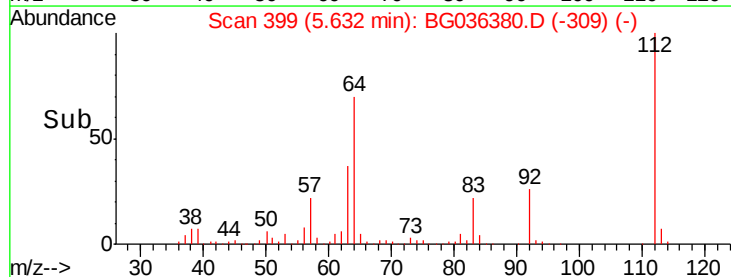
#5

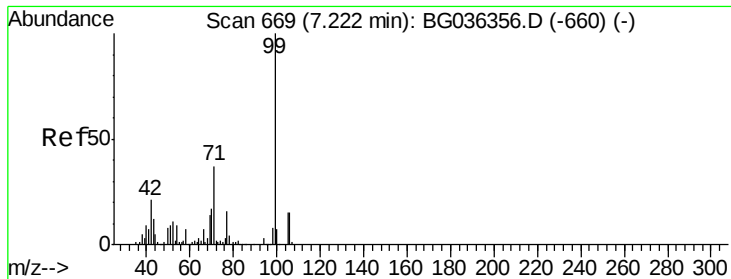
2-Fluorophenol
Concen: 121.167 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036380.D
Acq: 23 Aug 2018 16:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	57.2	85.8
63	36.7	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: 118.400 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036380.D

Acq: 23 Aug 2018 16:54

Instrument :

BNA_G

ClientSampleId :

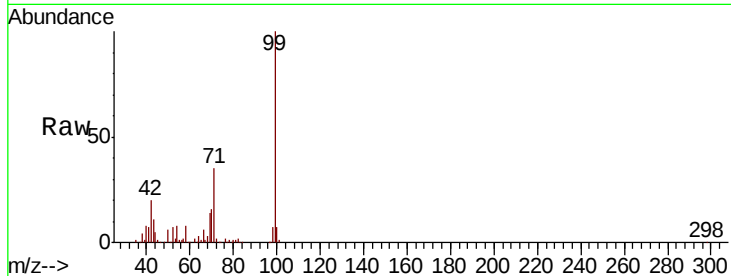
Tot Ion: 99 Resp: 512962

Ion Ratio Lower Upper

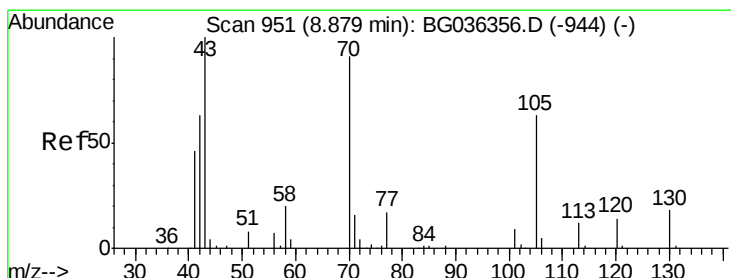
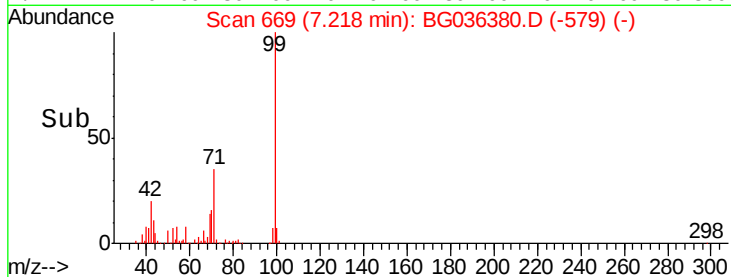
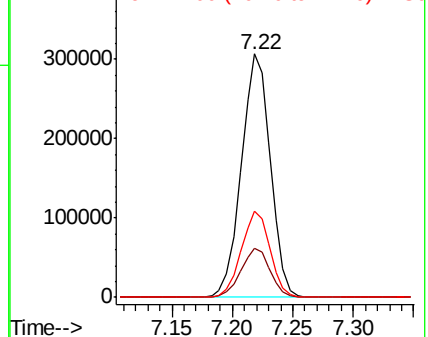
99 100

42 20.2 16.5 24.7

71 35.2 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: 12.524 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG036380.D

Acq: 23 Aug 2018 16:54

Tgt Ion: 70 Resp: 40552

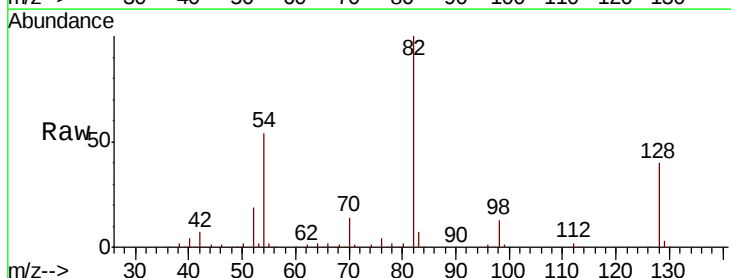
Ion Ratio Lower Upper

70 100

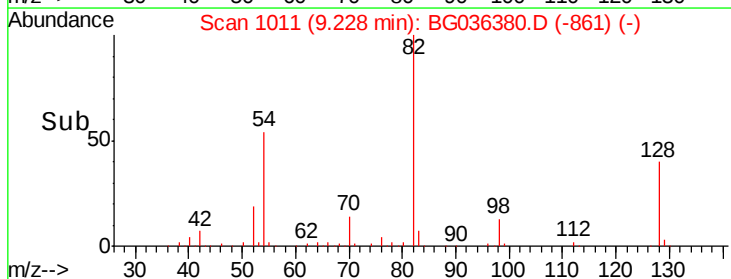
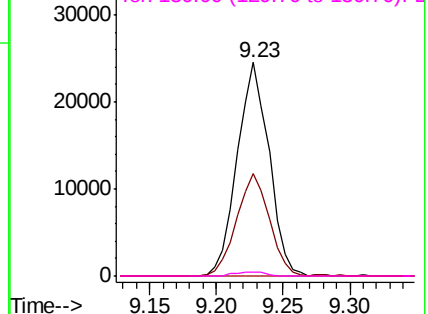
42 47.9 56.2 84.4#

101 0.0 7.8 11.6#

130 1.5 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

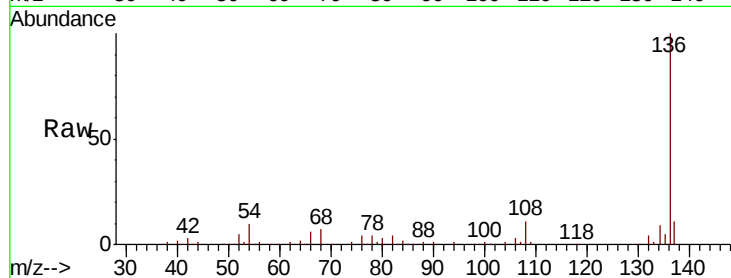




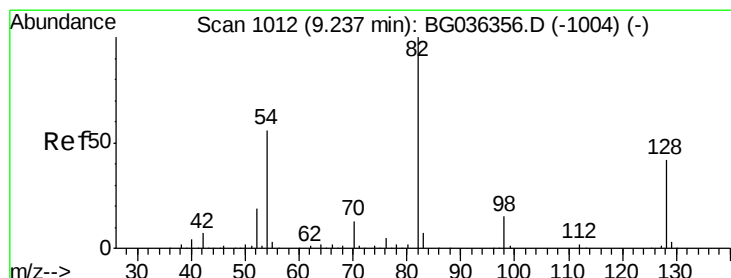
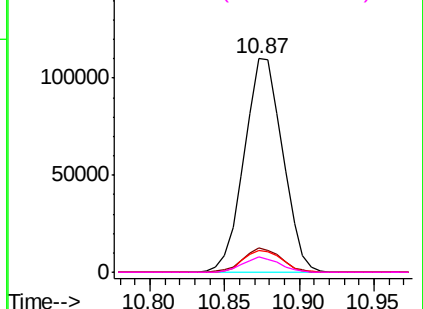
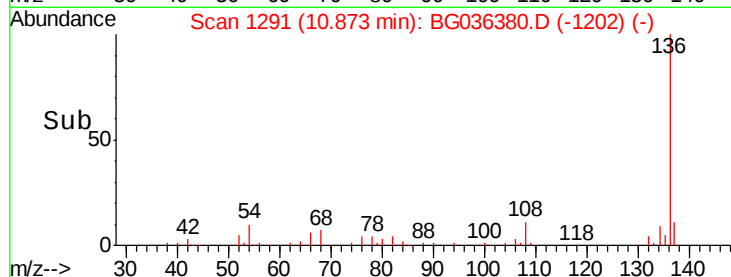
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036380.D
Acq: 23 Aug 2018 16:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	196473
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.8 13.2
54	10.5	9.2 13.8
68	6.9	5.8 8.6

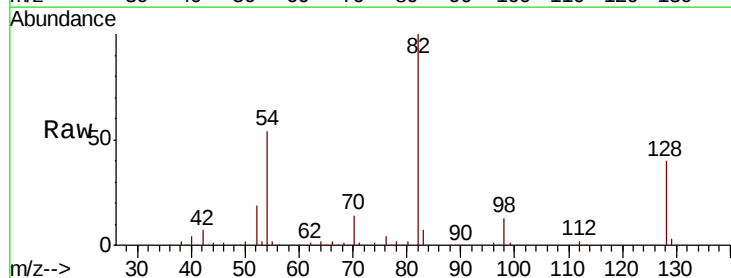


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

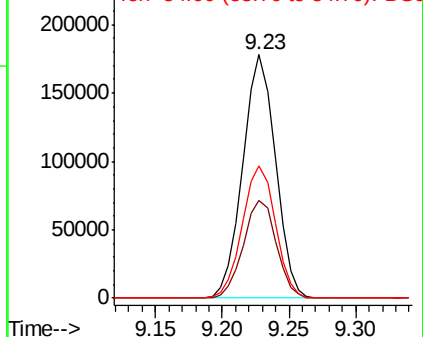
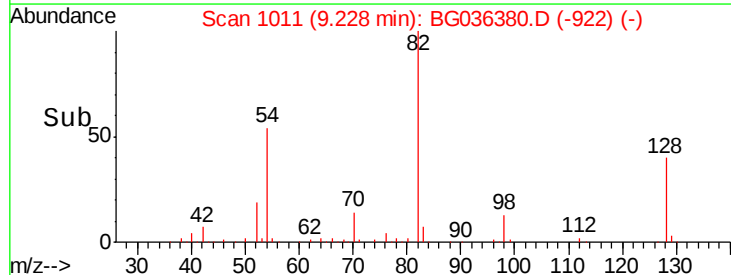


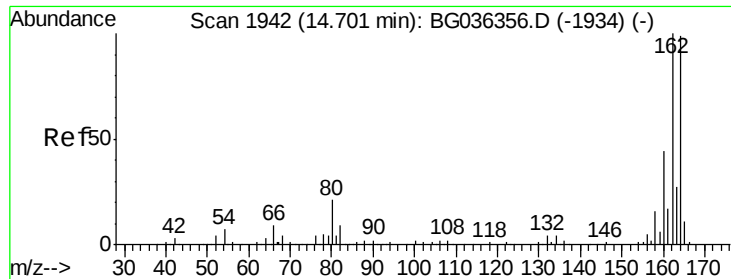
#23
Nitrobenzene-d5
Concen: 83.565 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036380.D
Acq: 23 Aug 2018 16:54

Tgt Ion: 82	Resp:	302604
Ion	Ratio	Lower Upper
82	100	
128	40.0	33.3 49.9
54	54.3	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: BG036380.D

Acq: 23 Aug 2018 16:54

Instrument :

BNA_G

ClientSampleId :

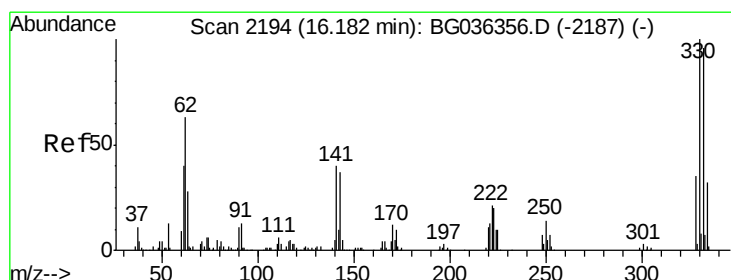
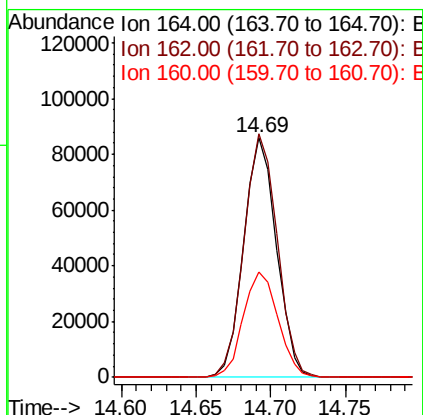
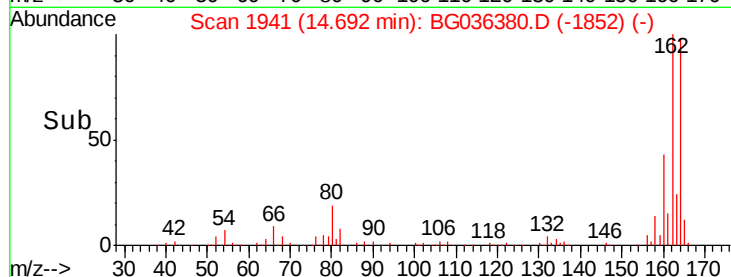
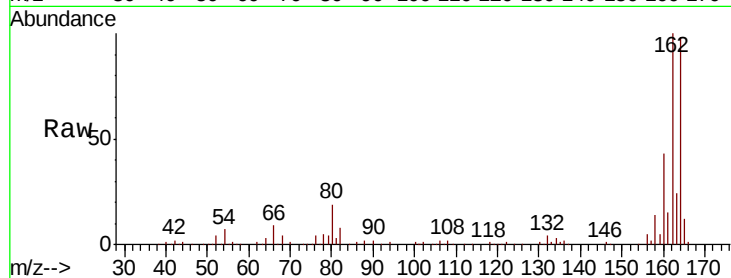
Tot Ion:164 Resp: 130241

Ion Ratio Lower Upper

164 100

162 101.6 80.7 121.1

160 44.0 35.3 52.9



#41

2,4,6-Tribromophenol

Concen: 134.229 ng

RT: 16.18 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BG036380.D

Acq: 23 Aug 2018 16:54

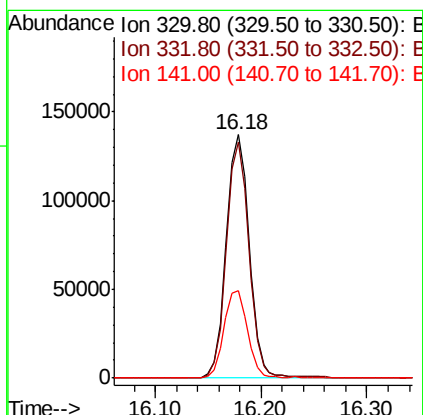
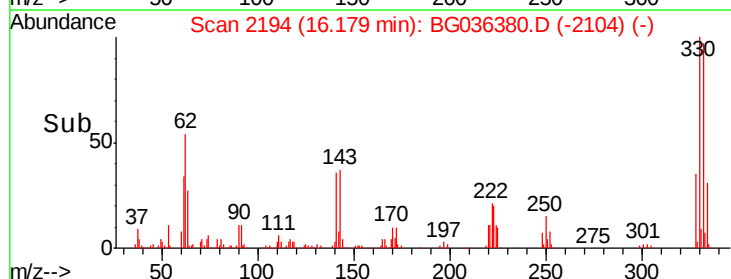
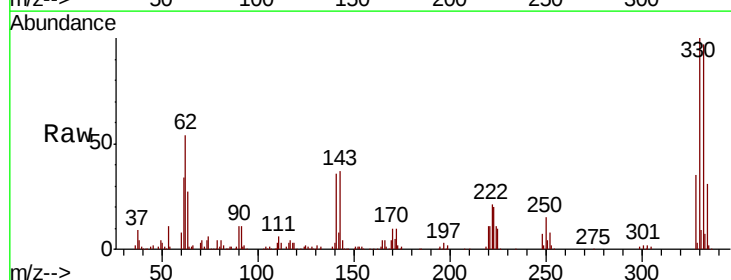
Tgt Ion:330 Resp: 208601

Ion Ratio Lower Upper

330 100

332 94.4 75.4 113.2

141 37.1 30.7 46.1

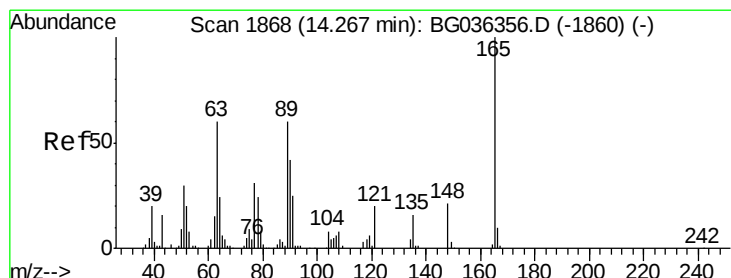
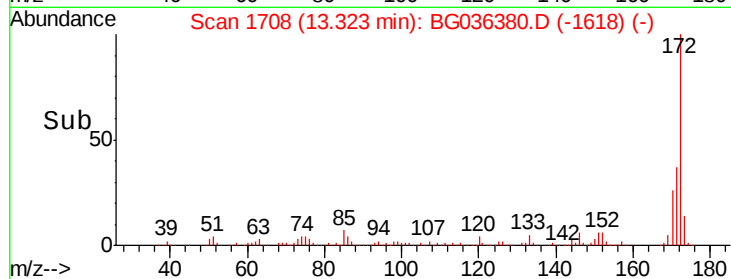
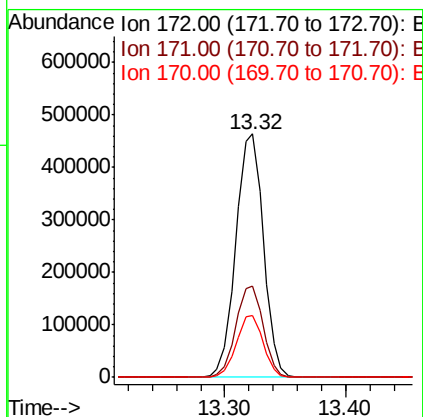
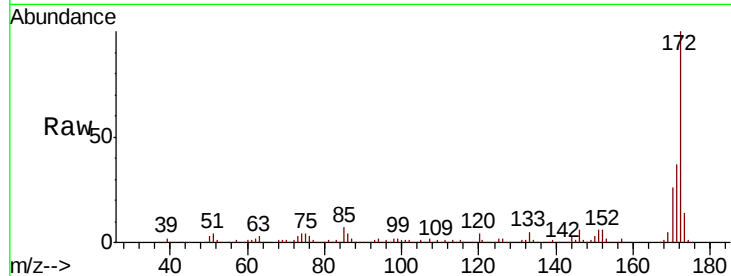




#44
 2-Fluorobiphenyl
 Concen: 81.020 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036380.D
 Acq: 23 Aug 2018 16:54

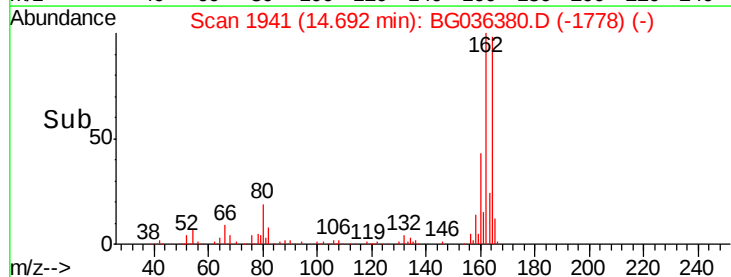
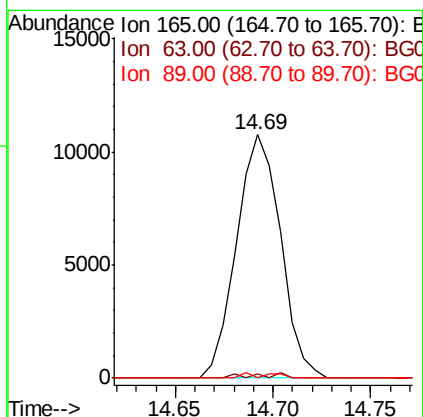
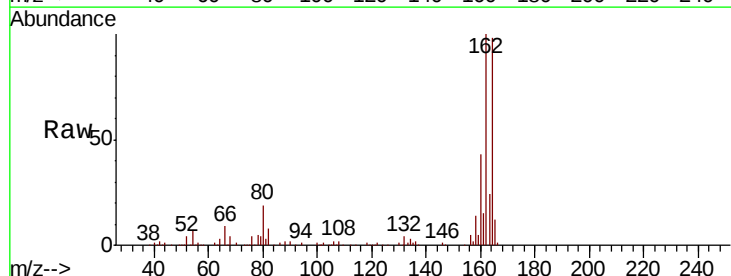
Instrument :
 BNA_G
 ClientSampleId :

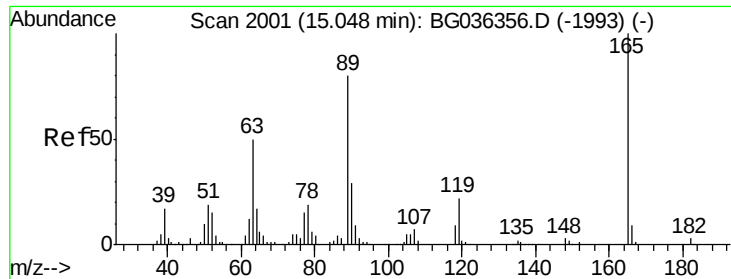
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.3	46.9
170	25.6	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.691 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. 0.43 min
 Lab File: BG036380.D
 Acq: 23 Aug 2018 16:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	50.1	75.1#
89	0.0	47.8	71.6#

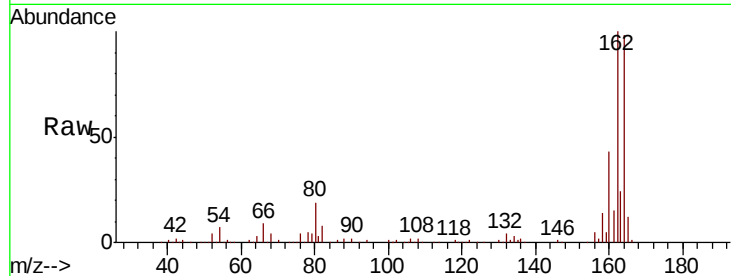




#56
 2,4-Dinitrotoluene
 Concen: 5.901 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.35 min
 Lab File: BG036380.D
 Acq: 23 Aug 2018 16:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



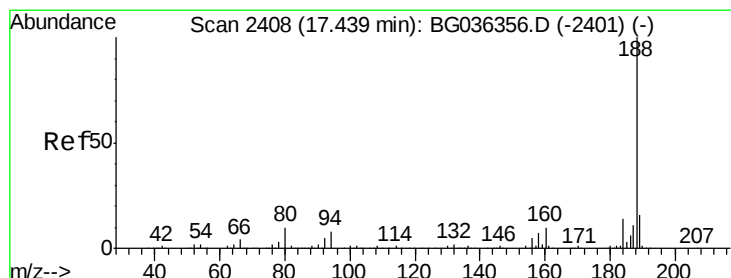
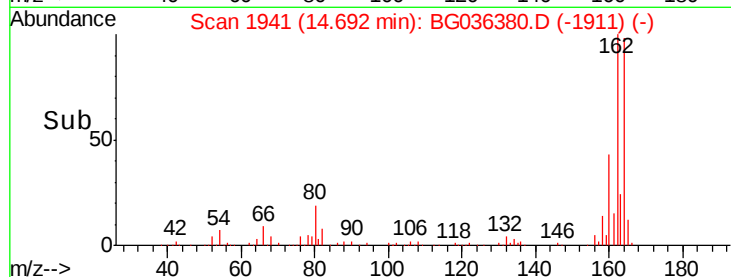
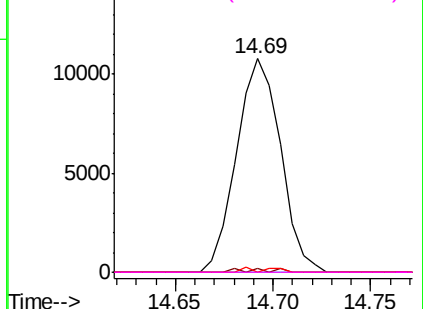
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

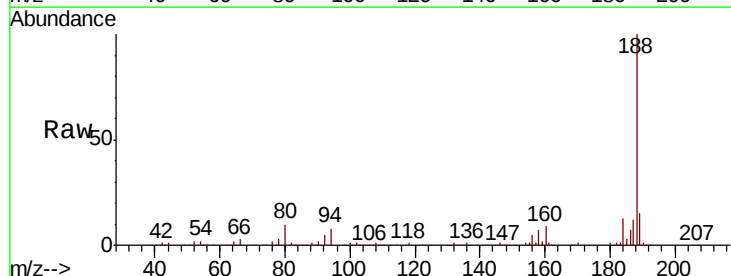
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BG036380.D
 Acq: 23 Aug 2018 16:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	9.7	8.1	12.1

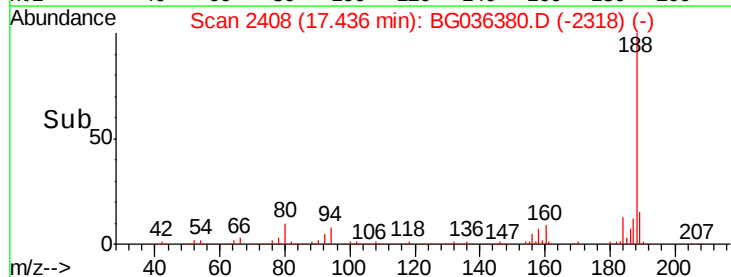
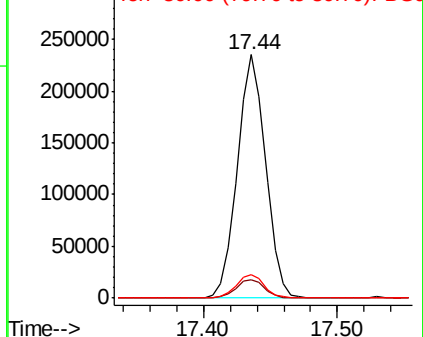


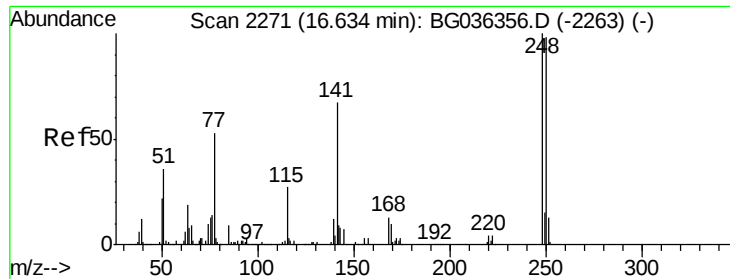
Abundance

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

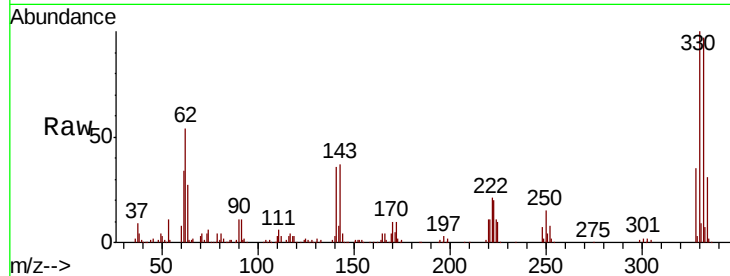




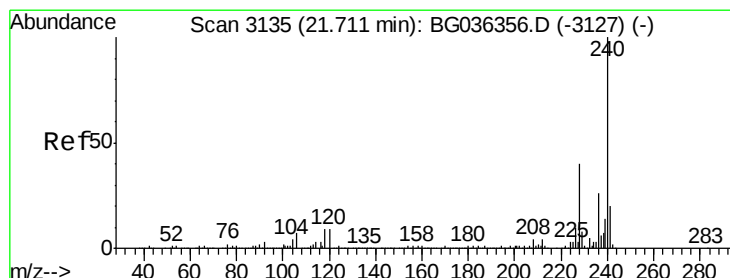
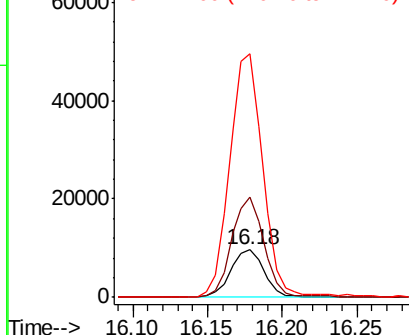
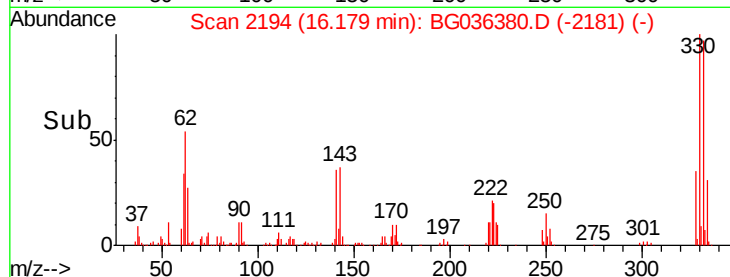
#66
4-Bromophenyl-phenylether
Concen: 3.786 ng
RT: 16.18 min Scan# 2194
Delta R.T. -0.46 min
Lab File: BG036380.D
Acq: 23 Aug 2018 16:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 15260
Ion Ratio Lower Upper
248 100
250 211.8 78.1 117.1#
141 511.6 53.7 80.5#

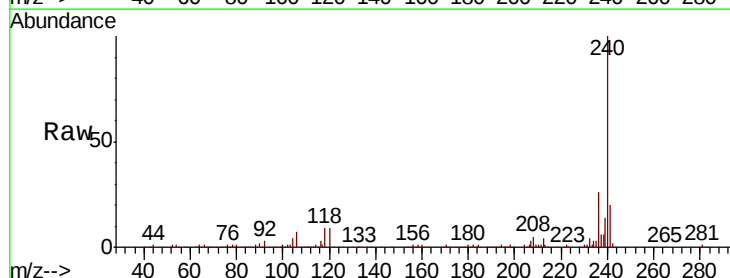


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

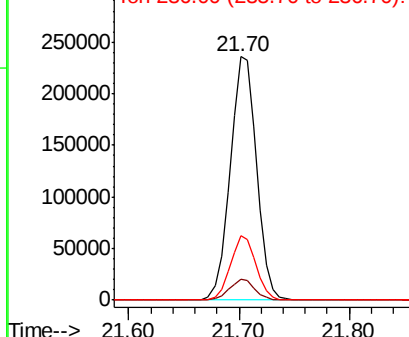
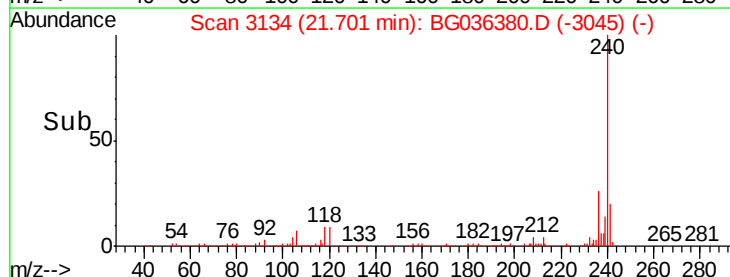


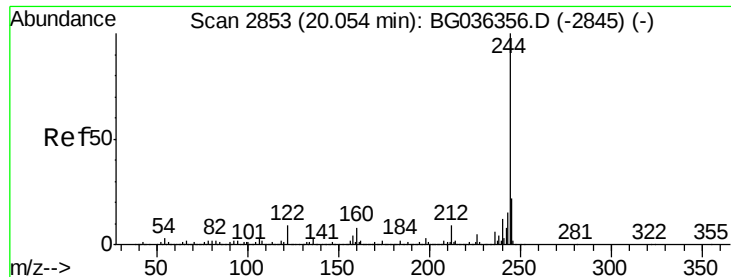
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG036380.D
Acq: 23 Aug 2018 16:54

Tgt Ion:240 Resp: 394741
Ion Ratio Lower Upper
240 100
120 8.6 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: 84.786 ng

RT: 20.04 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036380.D

Acq: 23 Aug 2018 16:54

Instrument :

BNA_G

ClientSampleId :

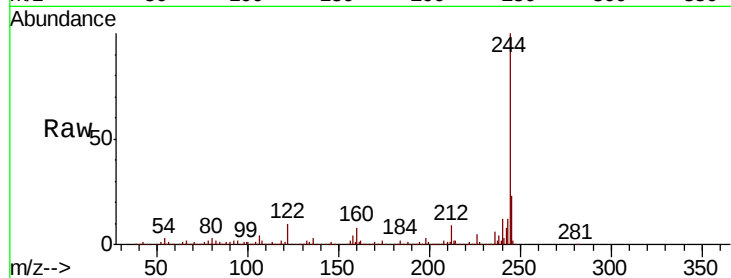
Tot Ion:244 Resp: 1431902

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

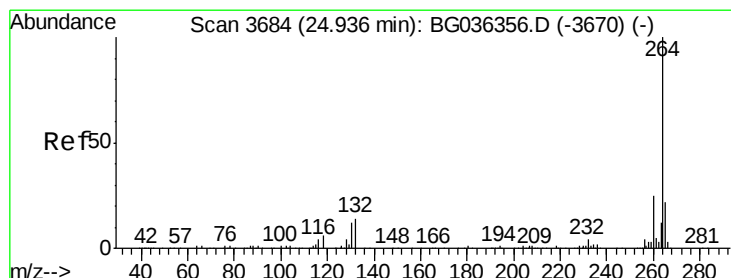
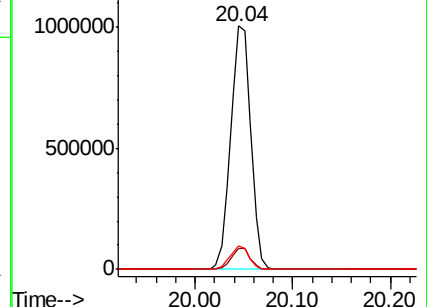
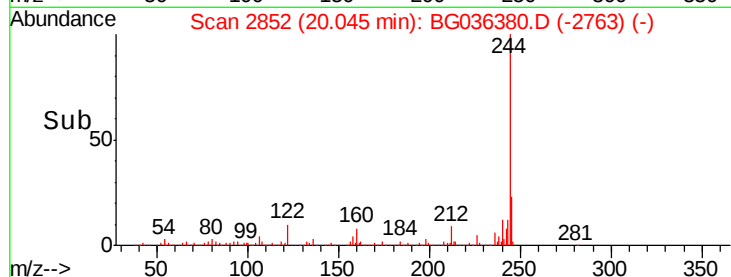
122 9.9 7.1 10.7



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: BG036380.D

Acq: 23 Aug 2018 16:54

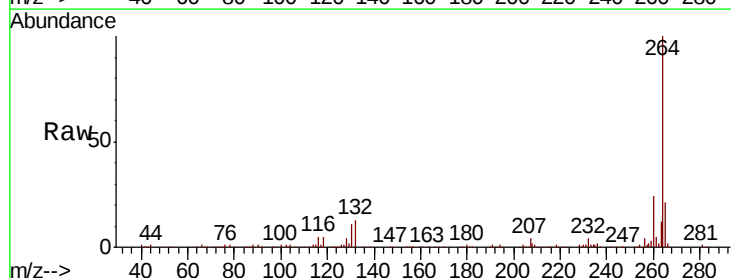
Tgt Ion:264 Resp: 404308

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 21.0 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

