

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036541.D
 Acq On : 4 Sep 2018 21:04
 Operator : JU/SJ
 Sample : PB112577TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 05 02:29:41 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

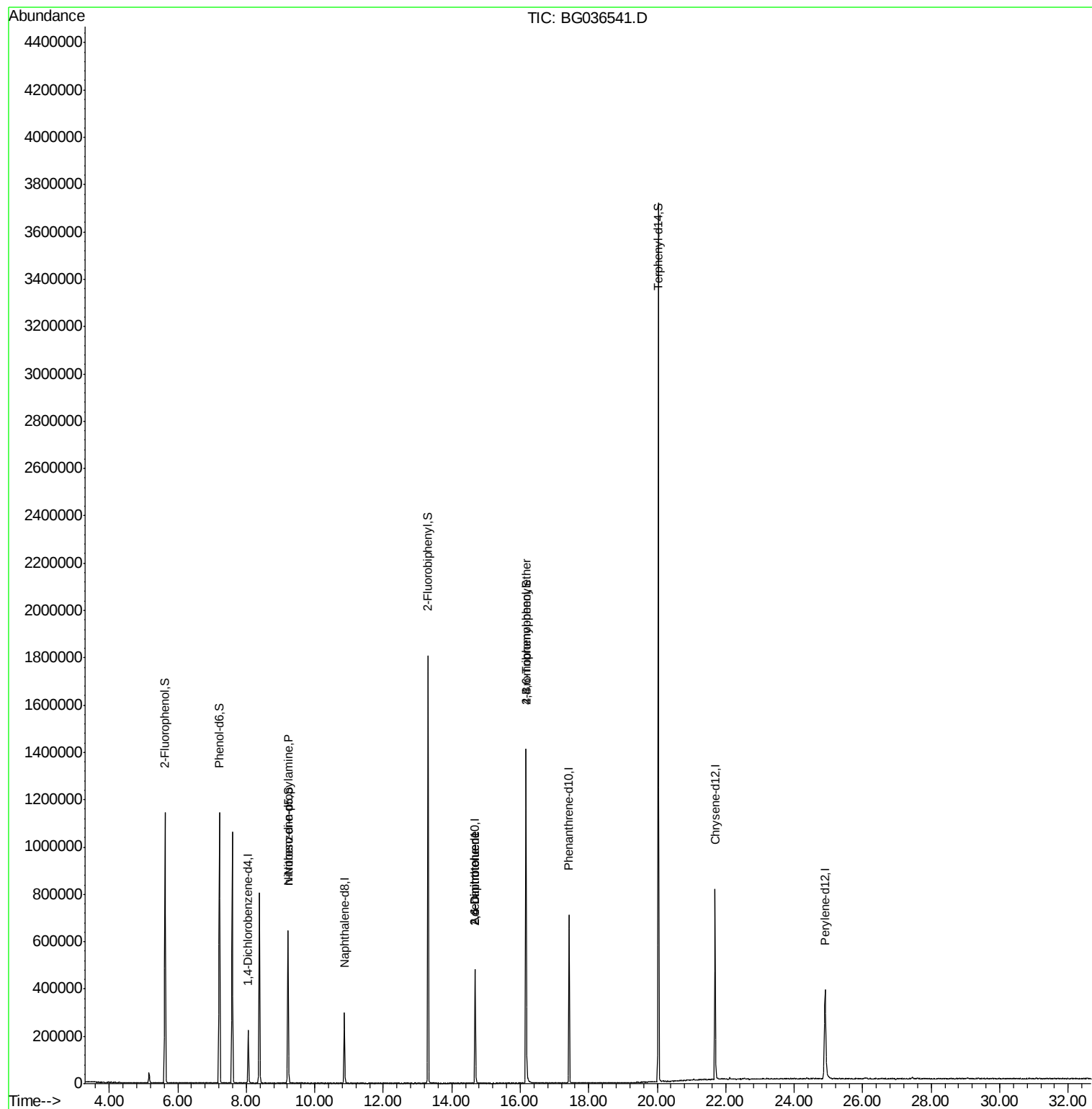
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62537	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	255649	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	169571	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	445584	20.00	ng	0.00
75) Chrysene-d12	21.69	240	486690	20.00	ng	0.00
86) Perylene-d12	24.90	264	467628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	475976	120.73	ng	0.00
7) Phenol-d6	7.21	99	665606	117.92	ng	0.00
23) Nitrobenzene-d5	9.22	82	394758	83.78	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	265228	131.08	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	958866	80.74	ng	0.00
78) Terphenyl-d14	20.03	244	1669723	80.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	52895	12.539	ng	# 72
50) 2,6-Dinitrotoluene	14.68	165	21270	7.465	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	21270	5.728	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	18614	3.568	ng	# 1

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

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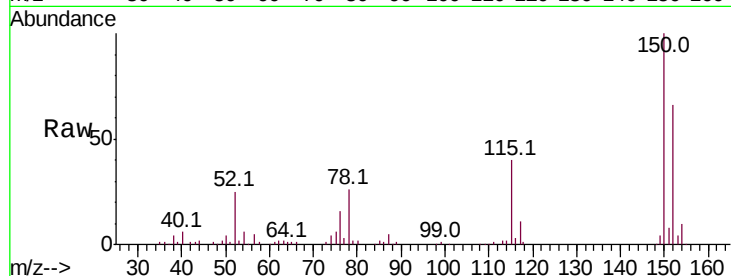


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036541.D
Acq: 4 Sep 2018 21:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	119.5	179.3
115	60.9	44.5	66.7

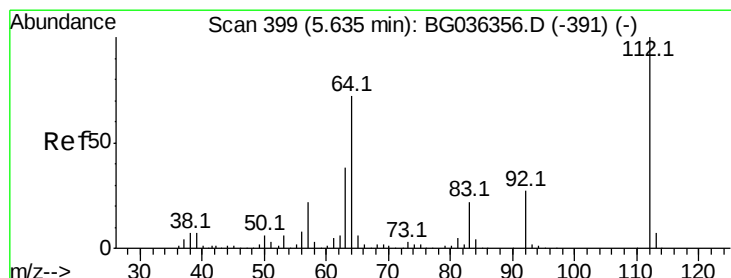
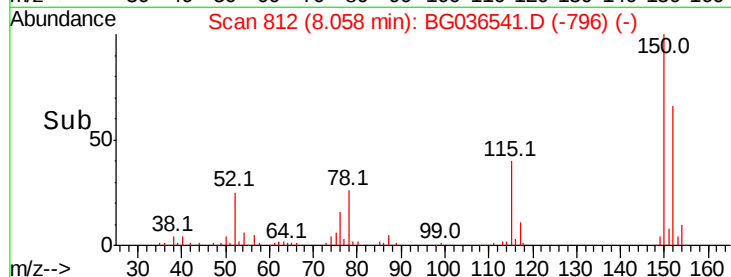
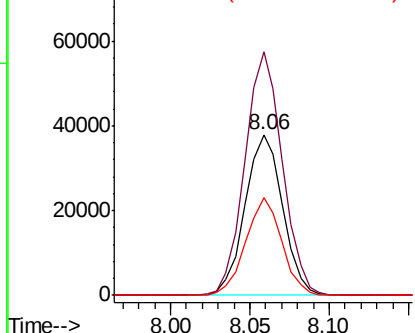


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

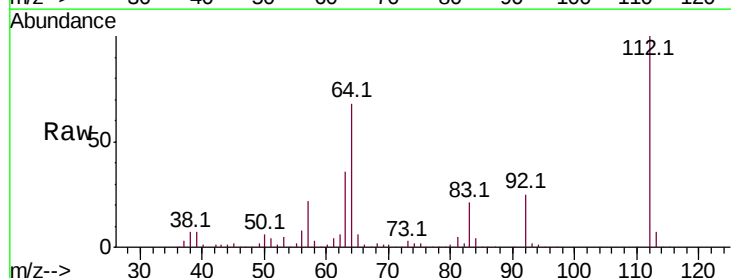
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.735 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036541.D
Acq: 4 Sep 2018 21:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	57.2	85.8
63	35.6	30.8	46.2

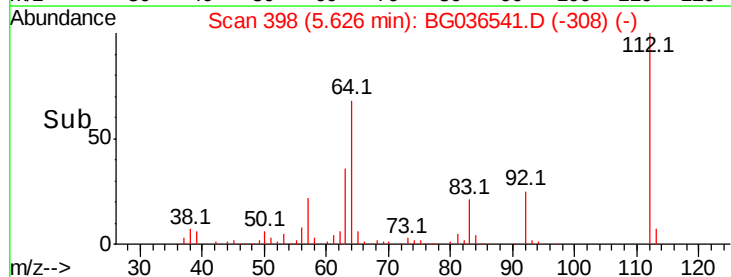
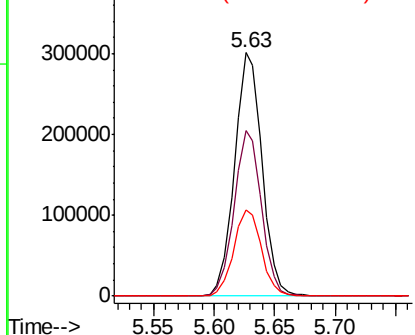


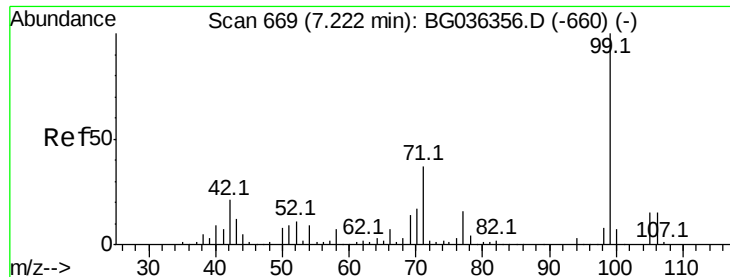
Abundance

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: 117.922 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036541.D

Acq: 4 Sep 2018 21:04

Instrument :

BNA_G

ClientSampleId :

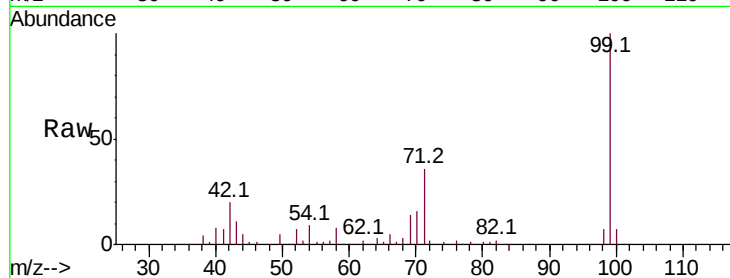
Tot Ion: 99 Resp: 665606

Ion Ratio Lower Upper

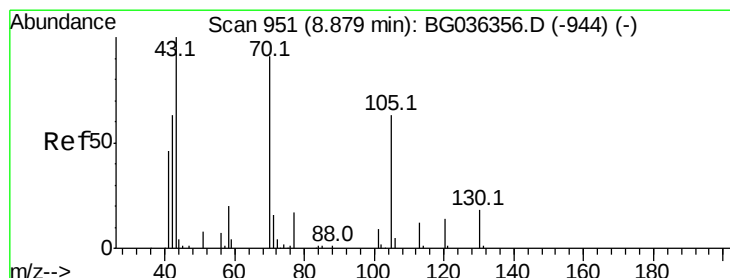
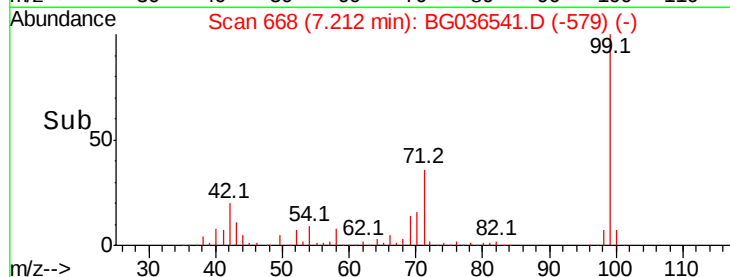
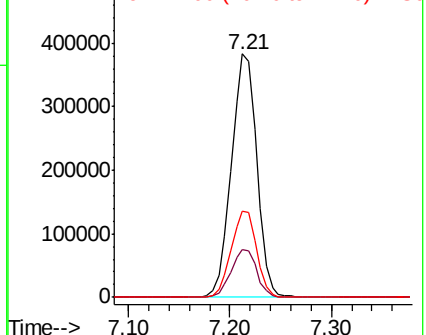
99 100

42 19.5 16.5 24.7

71 35.5 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: 12.539 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.36 min

Lab File: BG036541.D

Acq: 4 Sep 2018 21:04

Tgt Ion: 70 Resp: 52895

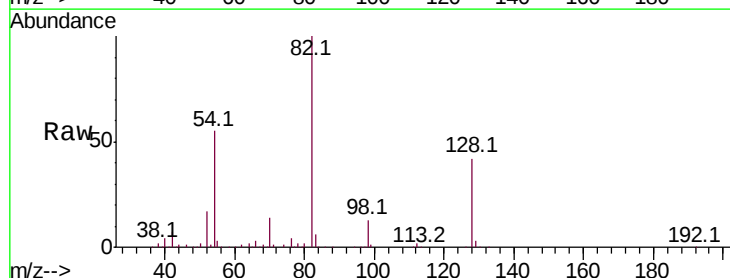
Ion Ratio Lower Upper

70 100

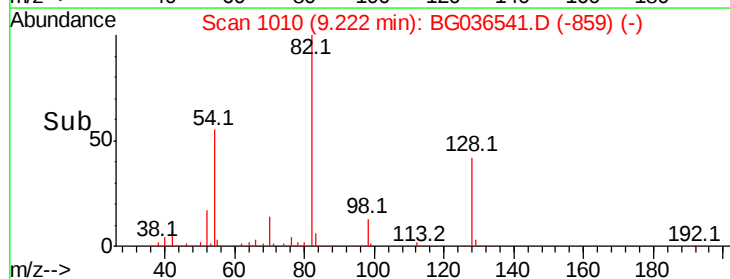
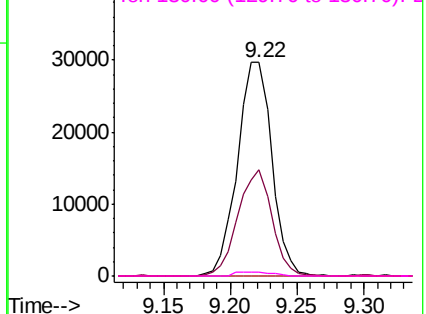
42 50.0 56.2 84.4#

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

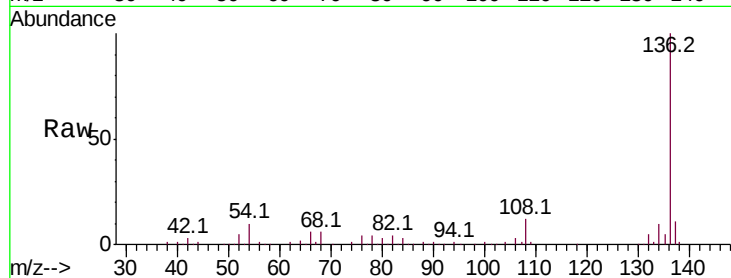




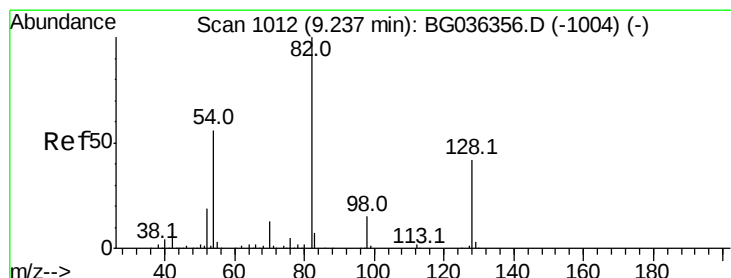
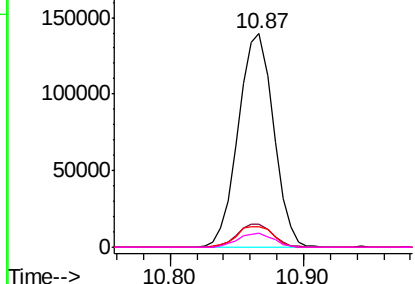
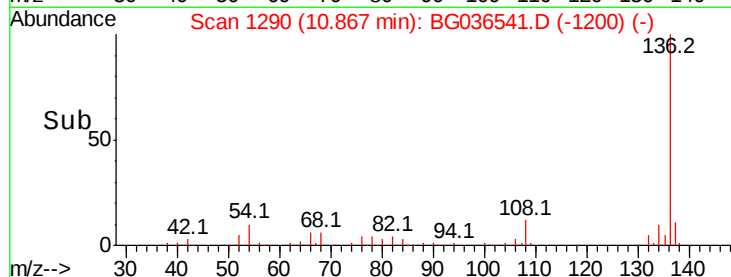
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG036541.D
Acq: 4 Sep 2018 21:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	255649
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	9.9	9.2 13.8
68	6.5	5.8 8.6

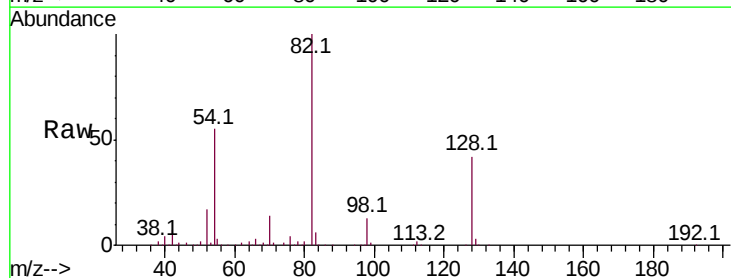


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

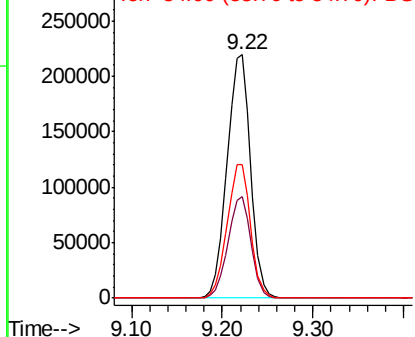
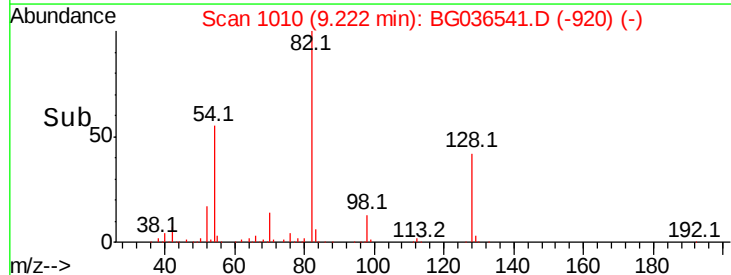


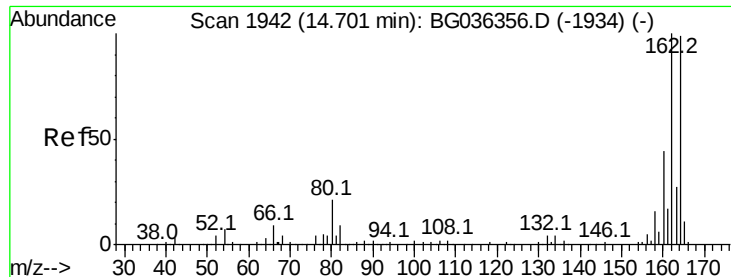
#23
Nitrobenzene-d5
Concen: 83.780 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036541.D
Acq: 4 Sep 2018 21:04

Tgt Ion: 82	Resp:	394758
Ion	Ratio	Lower Upper
82	100	
128	41.5	33.3 49.9
54	55.0	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: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG036541.D

Acq: 4 Sep 2018 21:04

Instrument :

BNA_G

ClientSampled :

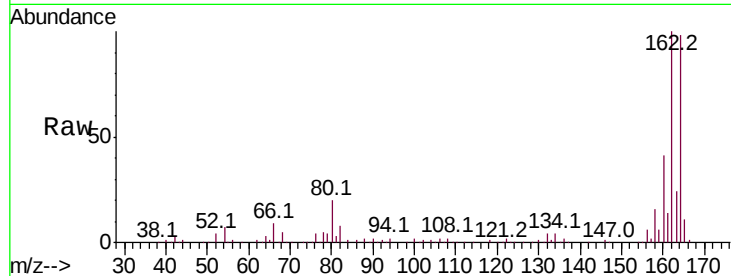
Tot Ion:164 Resp: 169571

Ion Ratio Lower Upper

164 100

162 102.0 80.7 121.1

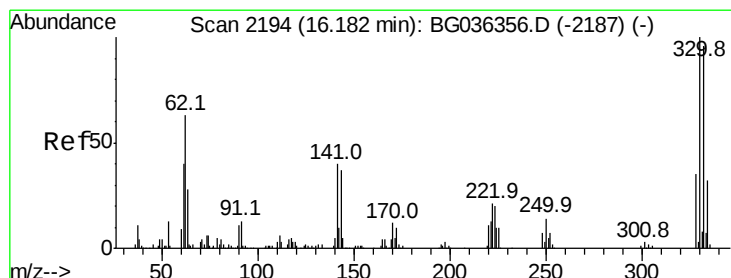
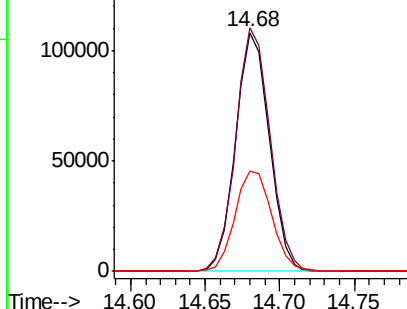
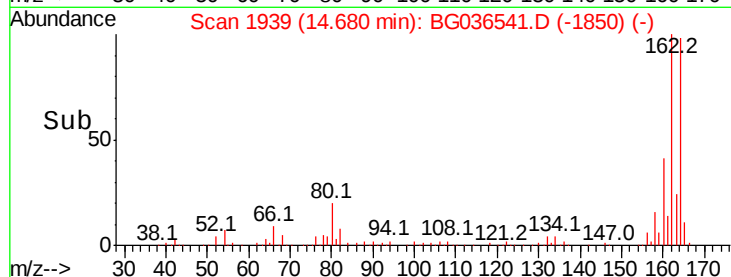
160 41.9 35.3 52.9



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: 131.083 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG036541.D

Acq: 4 Sep 2018 21:04

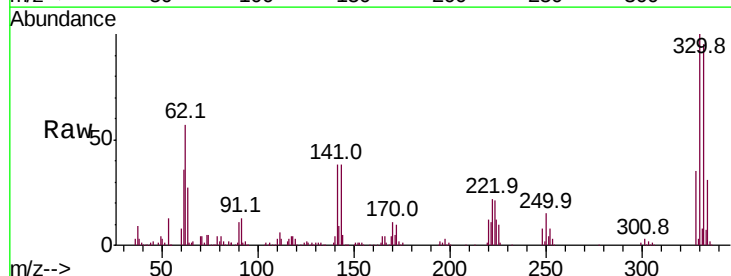
Tgt Ion:330 Resp: 265228

Ion Ratio Lower Upper

330 100

332 95.2 75.4 113.2

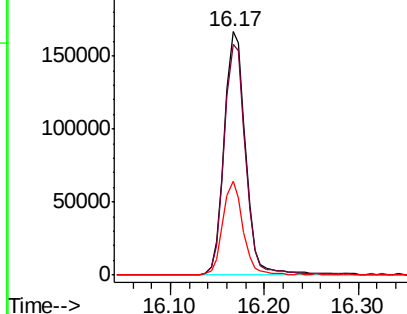
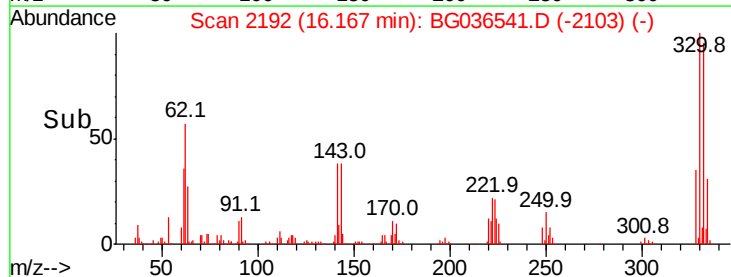
141 37.0 30.7 46.1



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

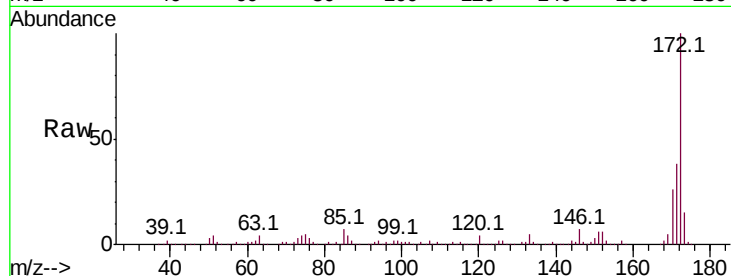




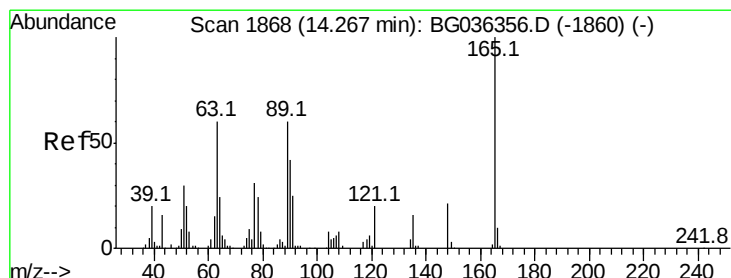
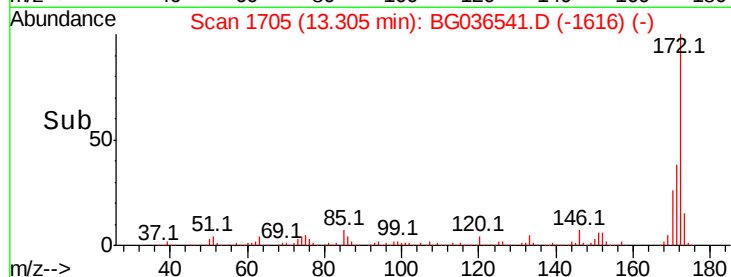
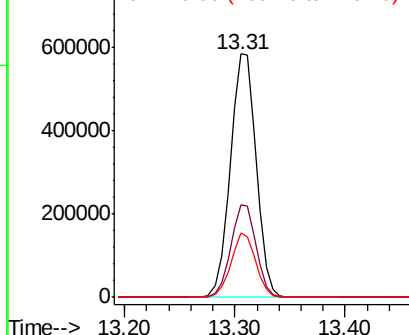
#44
 2-Fluorobiphenyl
 Concen: 80.738 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036541.D
 Acq: 4 Sep 2018 21:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	26.3	21.0	31.6

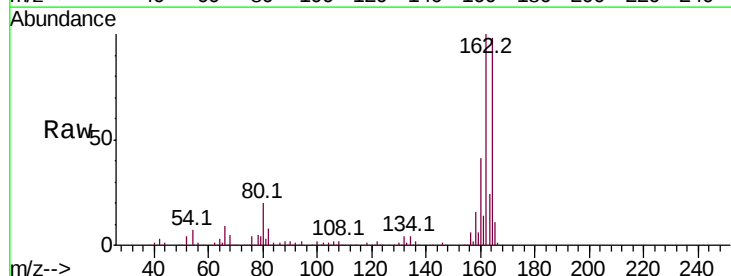


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

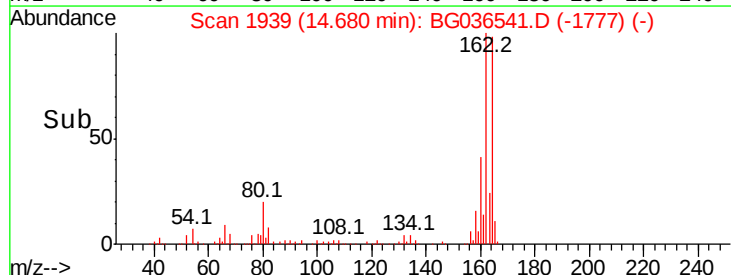
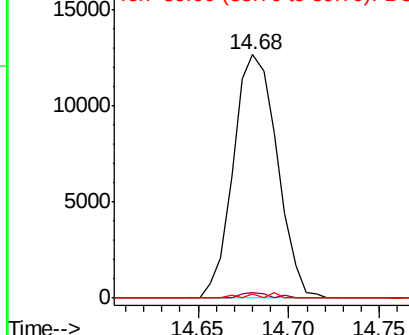


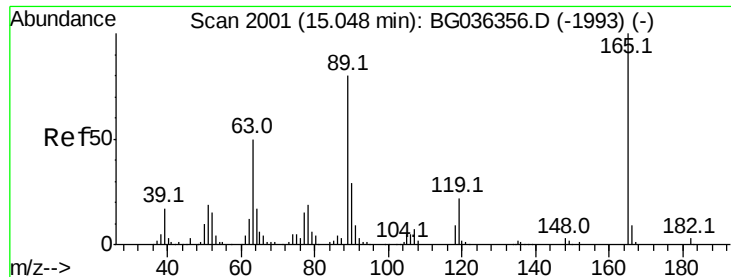
#50
 2,6-Dinitrotoluene
 Concen: 7.465 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.42 min
 Lab File: BG036541.D
 Acq: 4 Sep 2018 21:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	50.1	75.1#
89	1.5	47.8	71.6#



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

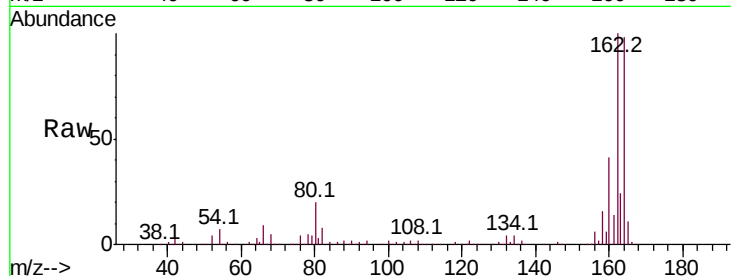




#56
2,4-Dinitrotoluene
Concen: 5.728 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG036541.D
Acq: 4 Sep 2018 21:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.1	60.1#
89	1.5	63.7	95.5#
182	0.0	2.5	3.7#



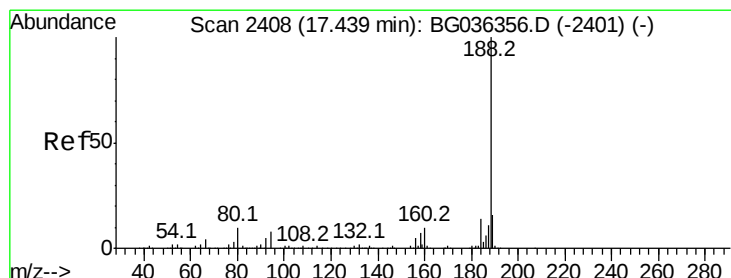
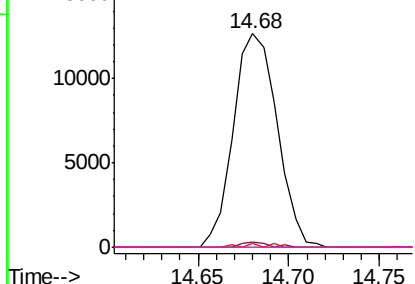
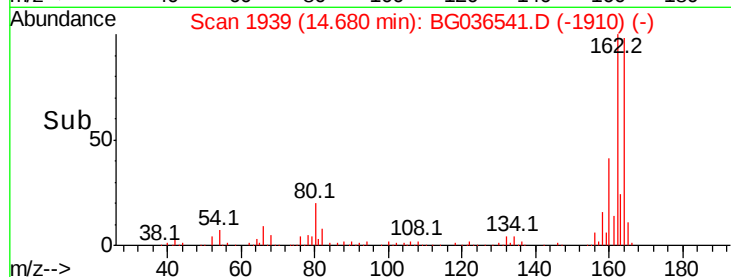
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

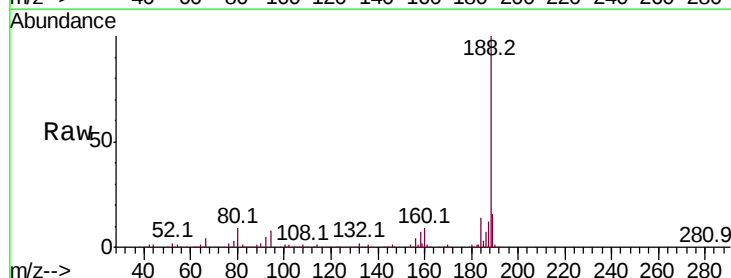
Ion 89.00 (88.70 to 89.70): BGC

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. -0.01 min
Lab File: BG036541.D
Acq: 4 Sep 2018 21:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	9.4	8.1	12.1

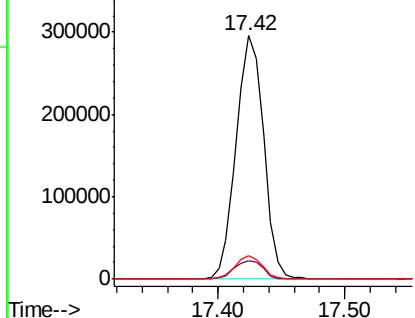
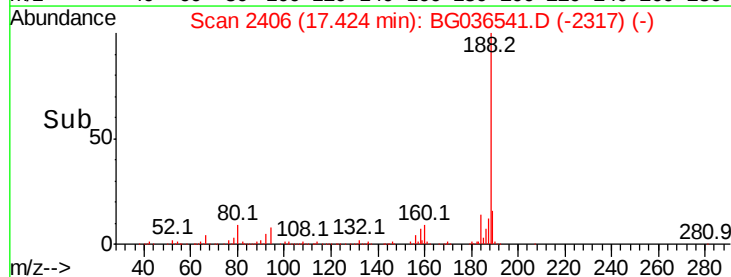


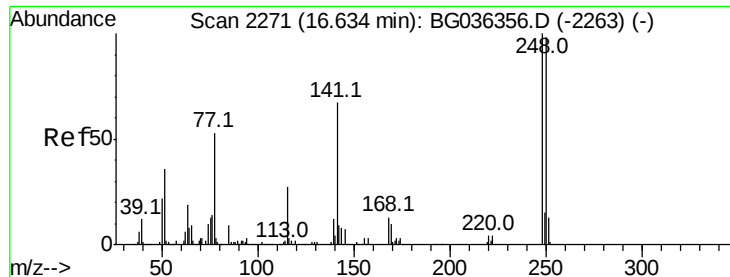
Abundance

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

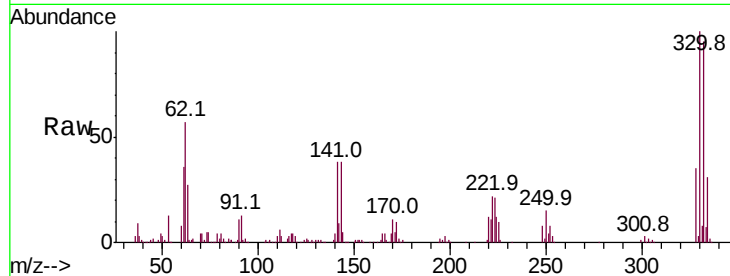




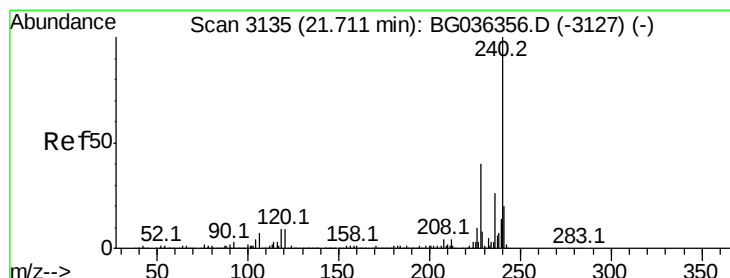
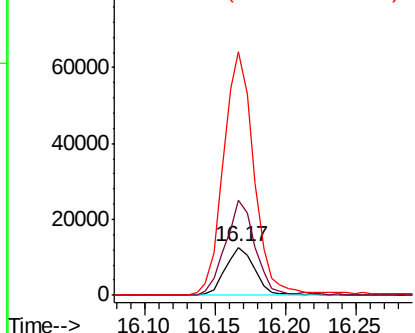
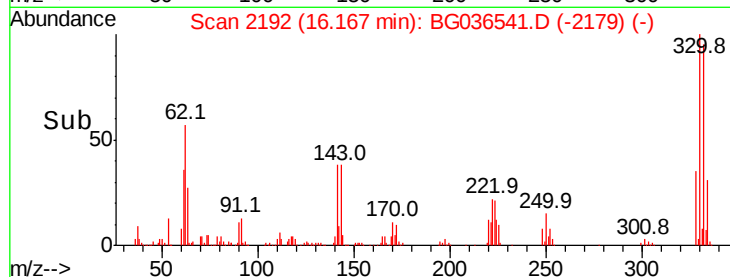
#66
 4-Bromophenyl-phenylether
 Concen: 3.568 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.45 min
 Lab File: BG036541.D
 Acq: 4 Sep 2018 21:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 18614
 Ion Ratio Lower Upper
 248 100
 250 197.1 78.1 117.1#
 141 505.4 53.7 80.5#

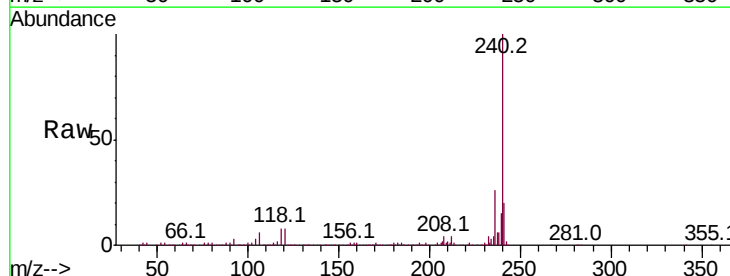


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

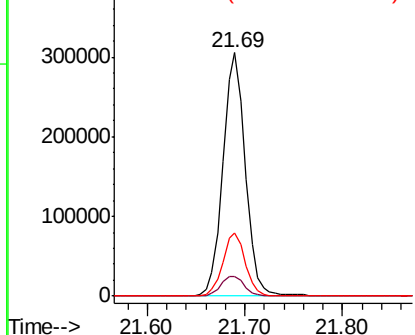
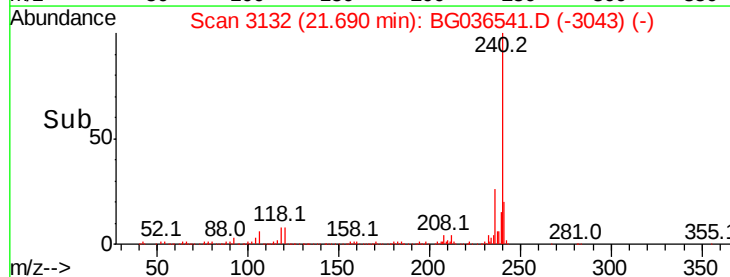


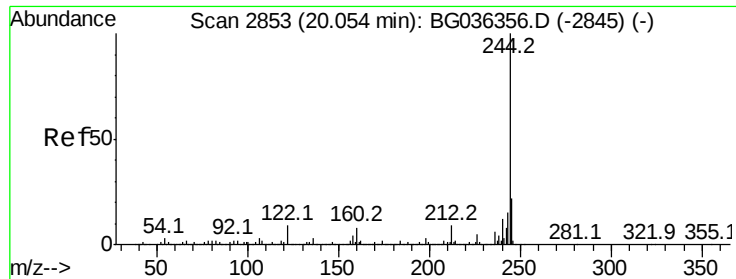
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BG036541.D
 Acq: 4 Sep 2018 21:04

Tgt Ion:240 Resp: 486690
 Ion Ratio Lower Upper
 240 100
 120 7.9 6.9 10.3
 236 26.1 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: 80.189 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036541.D

Acq: 4 Sep 2018 21:04

Instrument :

BNA_G

ClientSampleId :

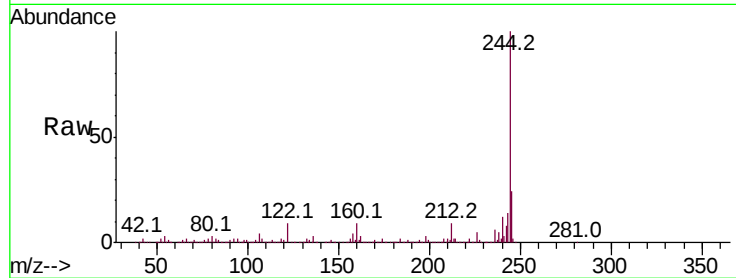
Tot Ion:244 Resp: 1669723

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

244 100

212 9.2 7.0 10.6

122 9.5 7.1 10.7

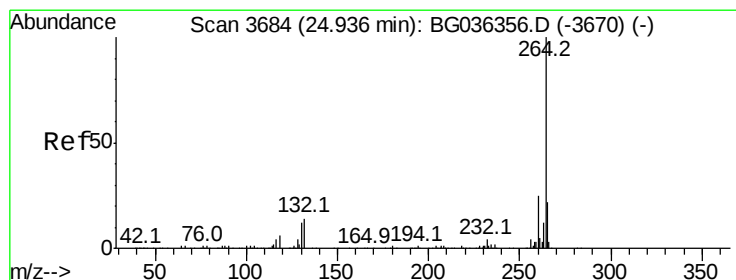
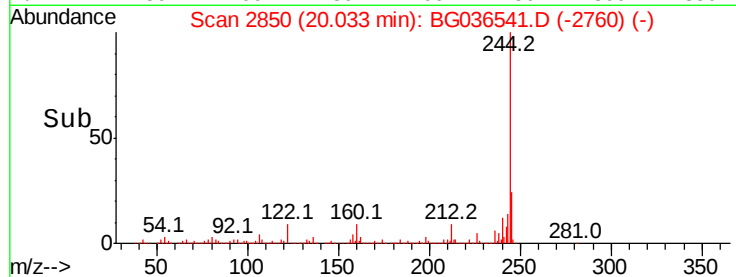
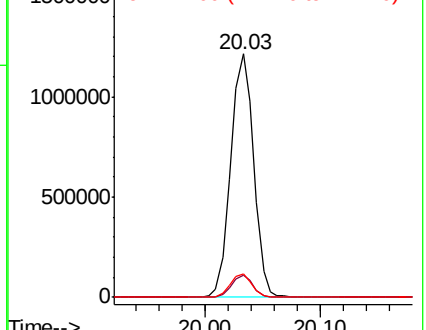


Abundance

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: 24.90 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG036541.D

Acq: 4 Sep 2018 21:04

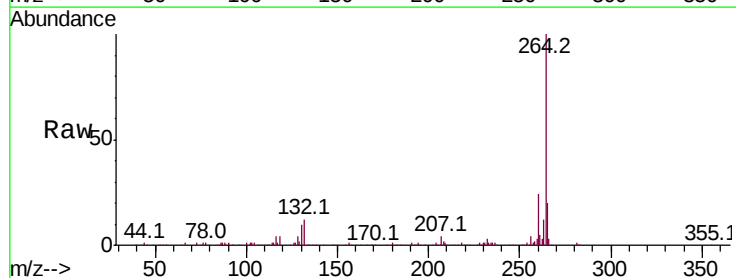
Tgt Ion:264 Resp: 467628

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	20.4	17.4	26.0

264 100

260 23.8 19.6 29.4

265 20.4 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

