

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036536.D
 Acq On : 4 Sep 2018 17:48
 Operator : JU/SJ
 Sample : J4756-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 05 02:28:40 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

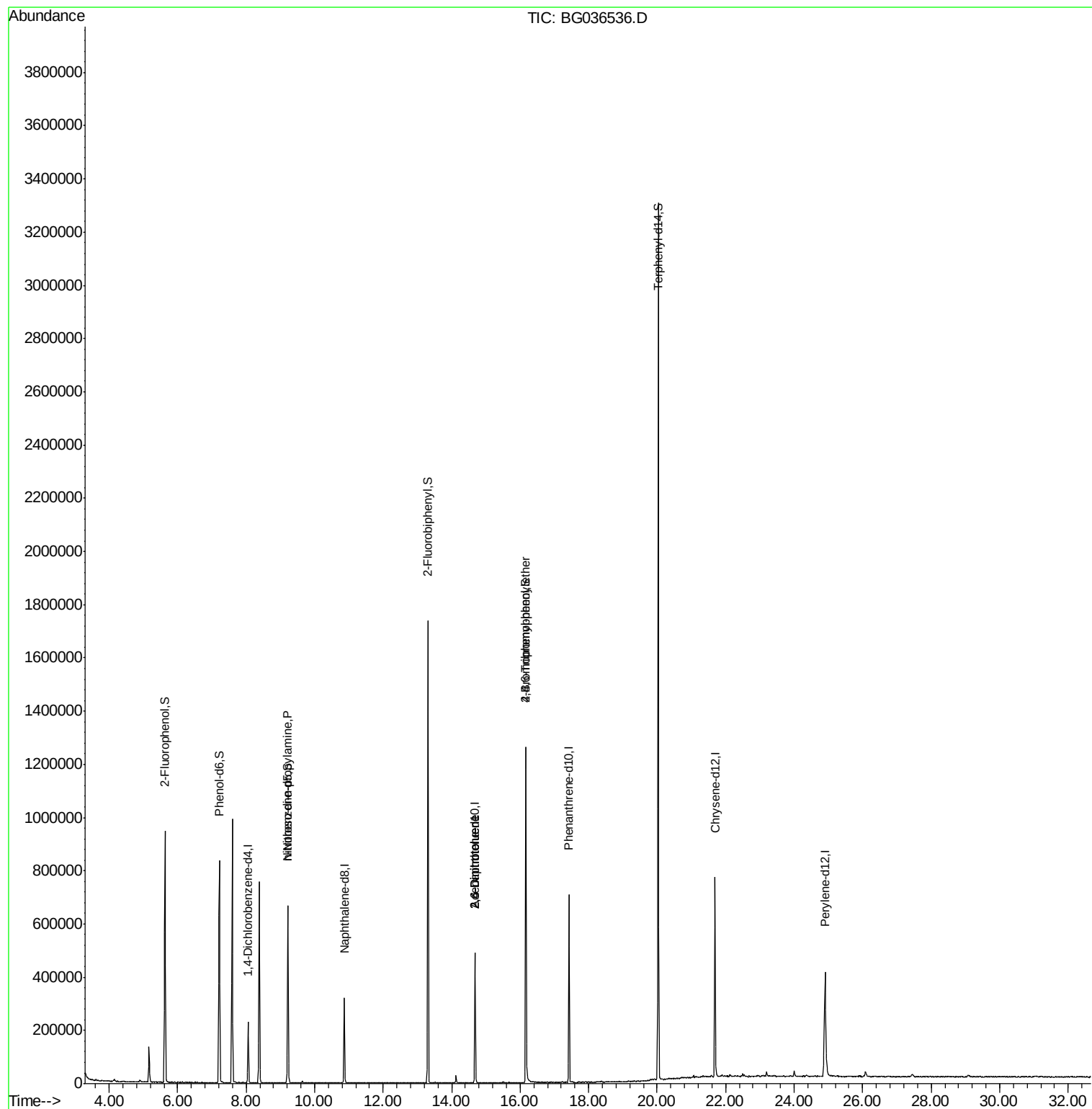
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	65059	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	269233	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	175232	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	444479	20.00	ng	0.00
75) Chrysene-d12	21.69	240	469287	20.00	ng	0.00
86) Perylene-d12	24.90	264	460685	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	398019	97.05	ng	0.00
7) Phenol-d6	7.22	99	488449	83.18	ng	0.00
23) Nitrobenzene-d5	9.22	82	393844	79.37	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	239690	114.63	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	902087	73.50	ng	0.00
78) Terphenyl-d14	20.03	244	1558001	77.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	51598	11.757	ng	# 71
50) 2,6-Dinitrotoluene	14.68	165	21597	7.335	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	21597	5.628	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	16829	3.234	ng	# 1

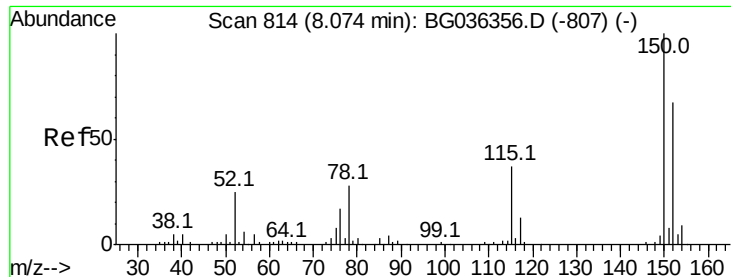
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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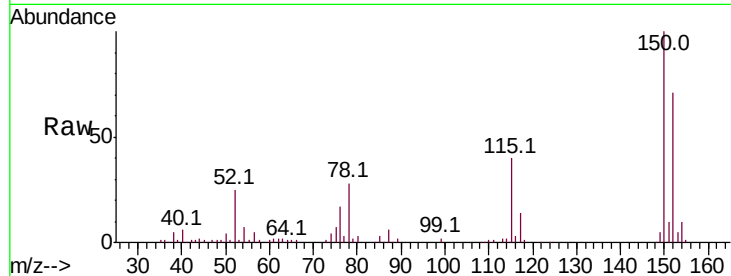


#1

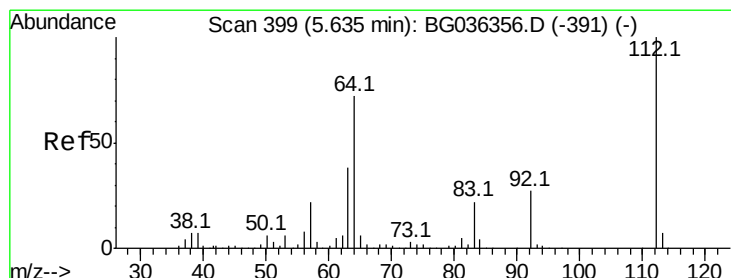
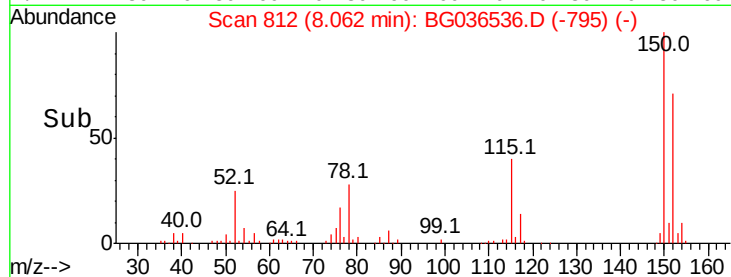
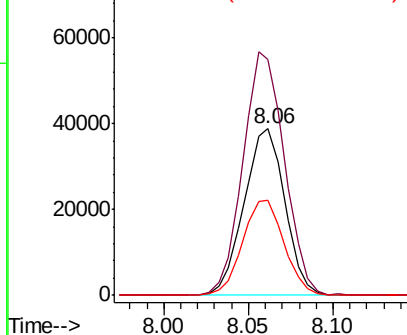
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036536.D
Acq: 4 Sep 2018 17:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 65059
Ion Ratio Lower Upper
152 100
150 141.7 119.5 179.3
115 57.4 44.5 66.7



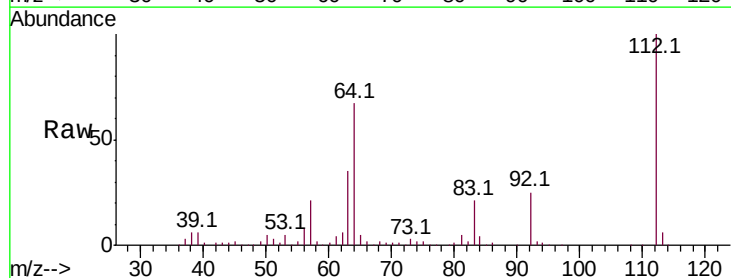
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



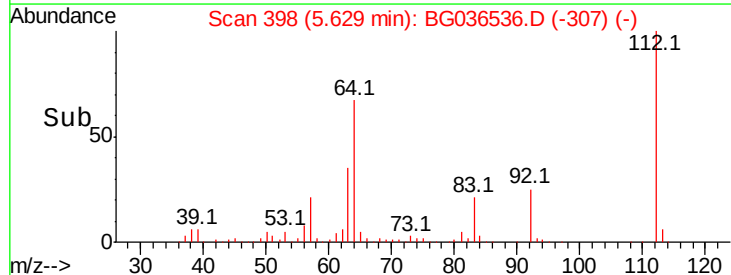
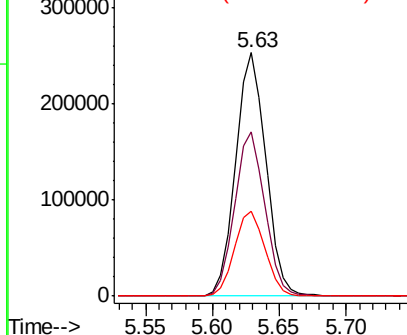
#5

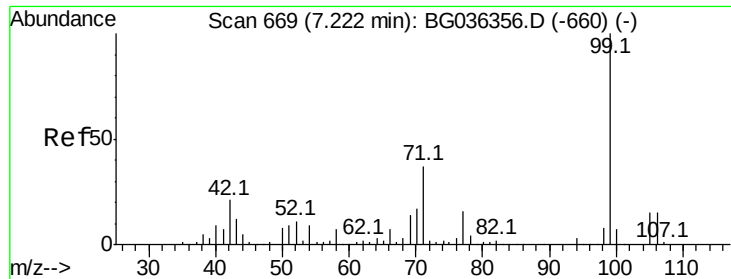
2-Fluorophenol
Concen: 97.047 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036536.D
Acq: 4 Sep 2018 17:48

Tgt Ion:112 Resp: 398019
Ion Ratio Lower Upper
112 100
64 67.4 57.2 85.8
63 34.8 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: 83.182 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036536.D

Acq: 4 Sep 2018 17:48

Instrument :

BNA_G

ClientSampleId :

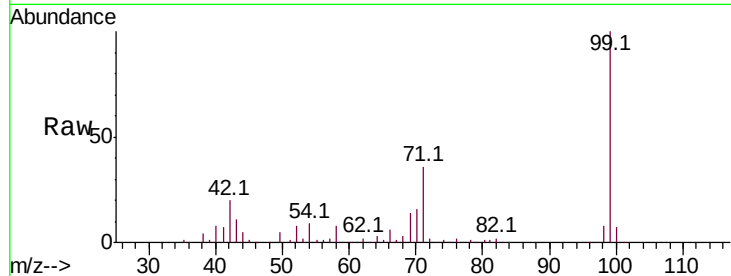
Tot Ion: 99 Resp: 488449

Ion Ratio Lower Upper

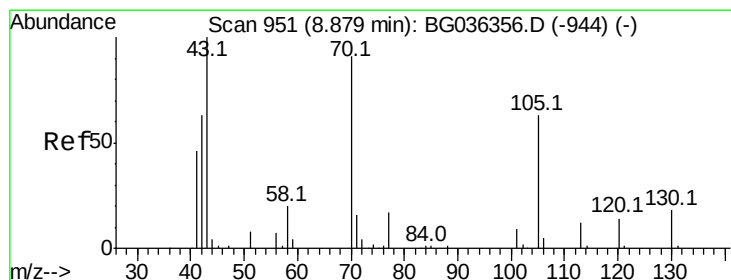
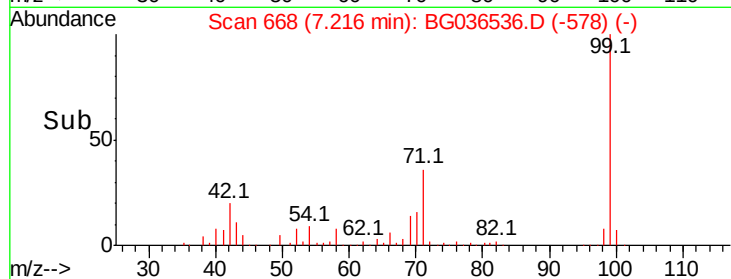
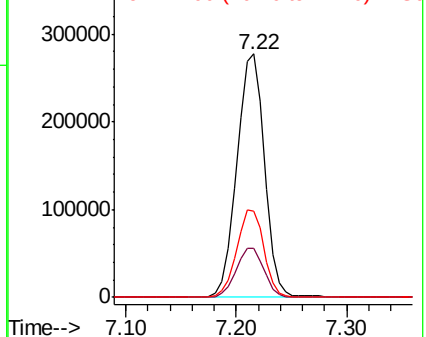
99 100

42 19.9 16.5 24.7

71 35.6 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: 11.757 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BG036536.D

Acq: 4 Sep 2018 17:48

Tgt Ion: 70 Resp: 51598

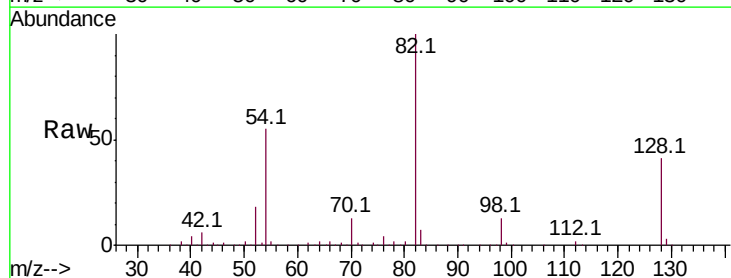
Ion Ratio Lower Upper

70 100

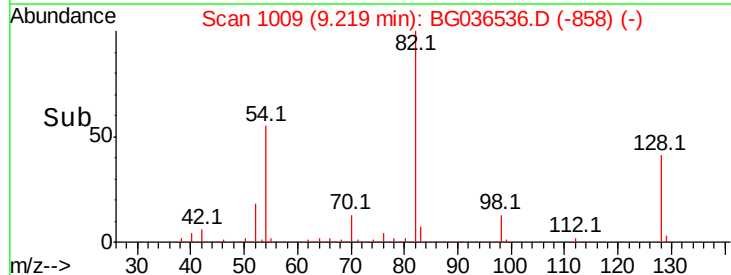
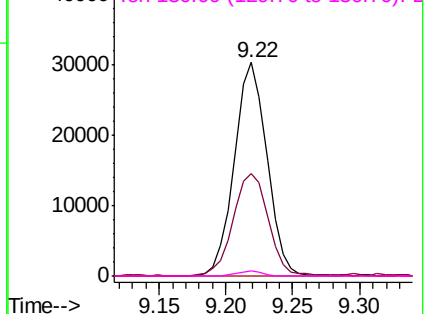
42 48.2 56.2 84.4#

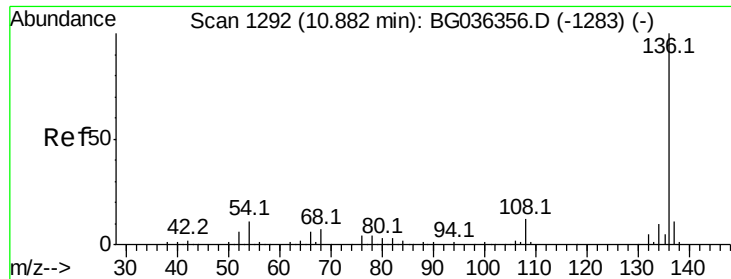
101 0.0 7.8 11.6#

130 2.3 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

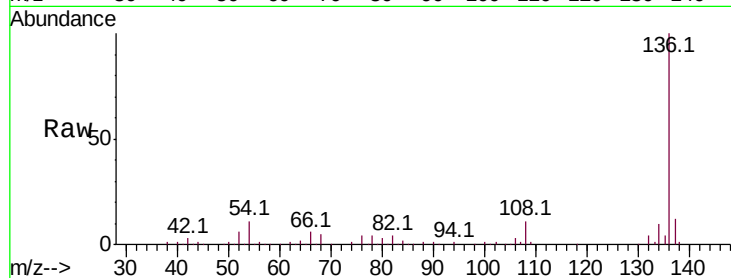




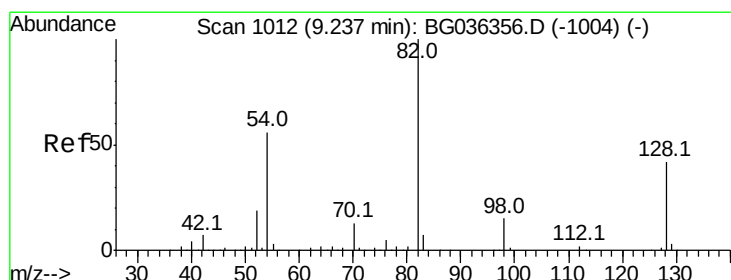
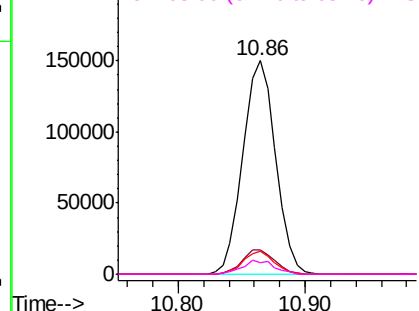
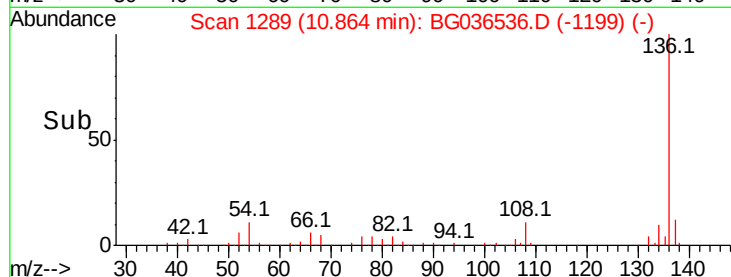
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036536.D
Acq: 4 Sep 2018 17:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	269233
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	10.7	9.2	13.8
68	5.5	5.8	8.6#

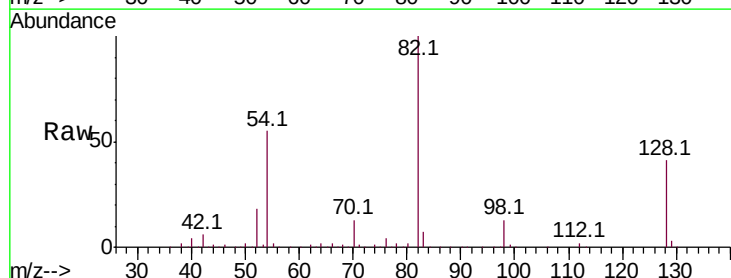


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

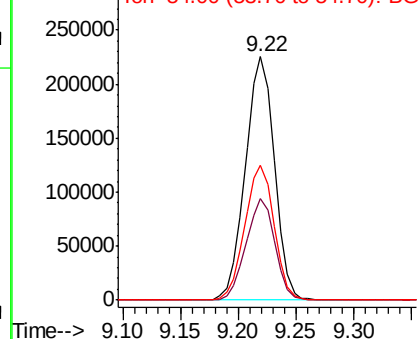
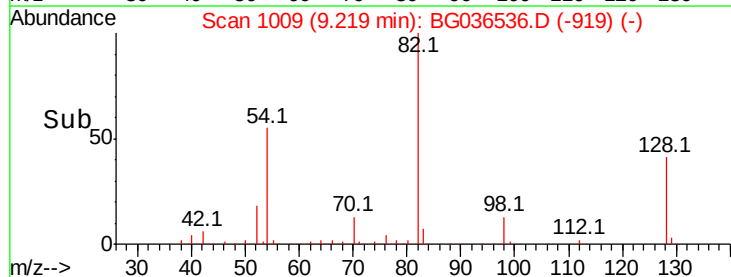


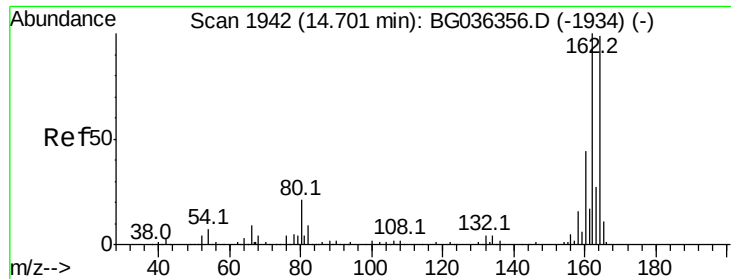
#23
Nitrobenzene-d5
Concen: 79.369 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036536.D
Acq: 4 Sep 2018 17:48

Tgt Ion:	82	Resp:	393844
Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.3	49.9
54	55.4	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

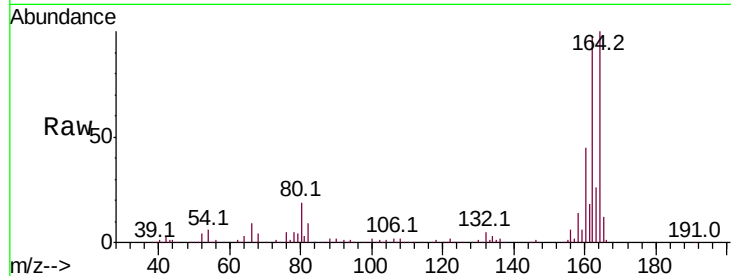




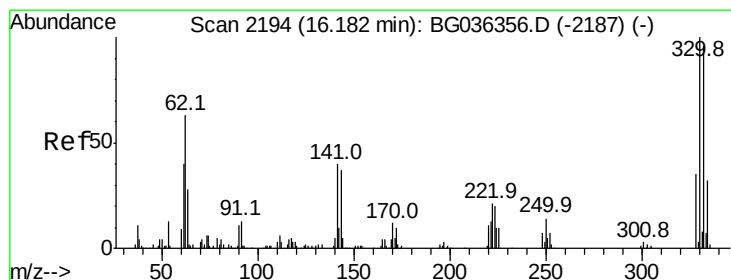
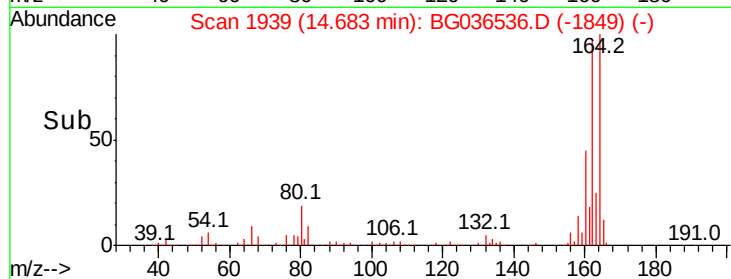
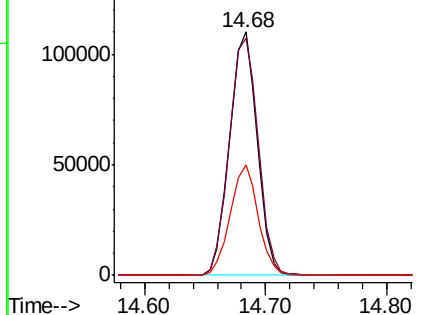
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG036536.D
 Acq: 4 Sep 2018 17:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:164 Resp: 175232
 Ion Ratio Lower Upper
 164 100
 162 97.2 80.7 121.1
 160 45.2 35.3 52.9

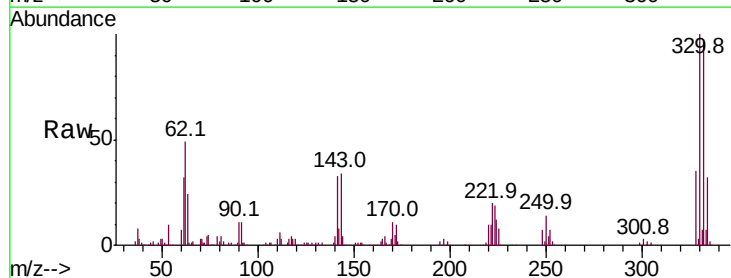


Abundance Ion 164.00 (163.70 to 164.70): E
 150000 Ion 162.00 (161.70 to 162.70): E
 100000 Ion 160.00 (159.70 to 160.70): E

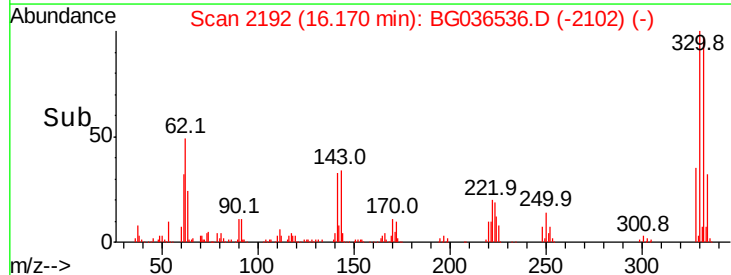
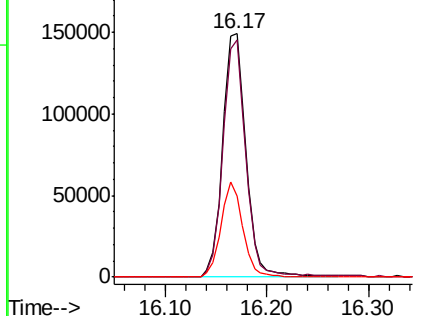


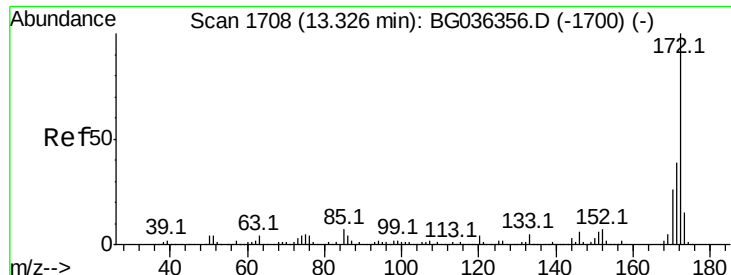
#41
 2,4,6-Tribromophenol
 Concen: 114.634 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036536.D
 Acq: 4 Sep 2018 17:48

Tgt Ion:330 Resp: 239690
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.4 113.2
 141 36.1 30.7 46.1



Abundance Ion 329.80 (329.50 to 330.50): E
 200000 Ion 331.80 (331.50 to 332.50): E
 150000 Ion 141.00 (140.70 to 141.70): E

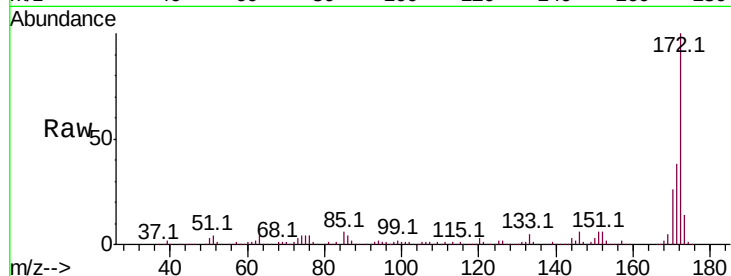




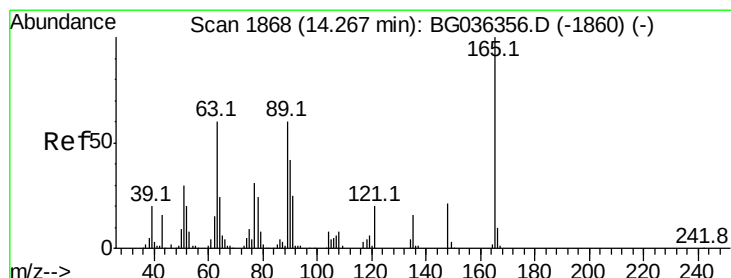
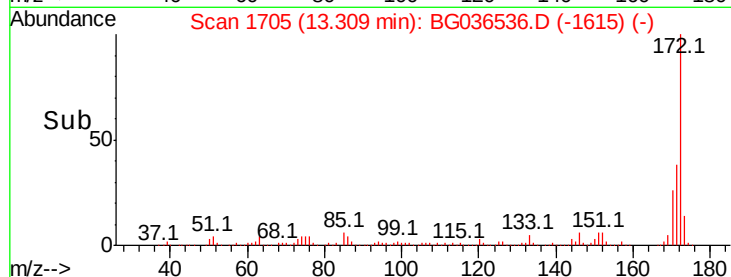
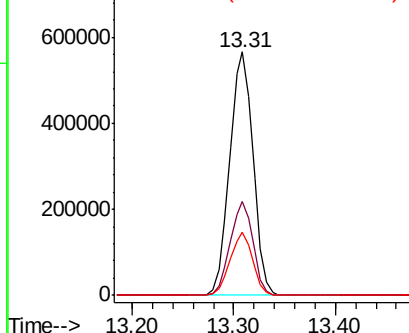
#44
 2-Fluorobiphenyl
 Concen: 73.504 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036536.D
 Acq: 4 Sep 2018 17:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	26.1	21.0	31.6

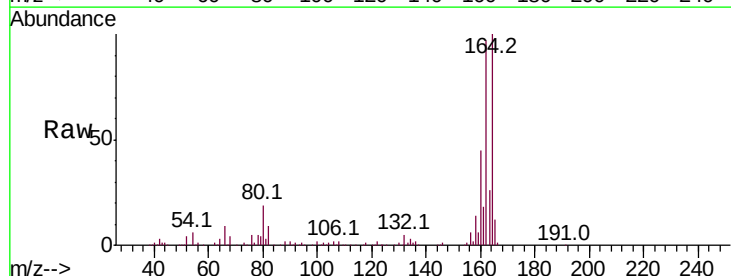


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

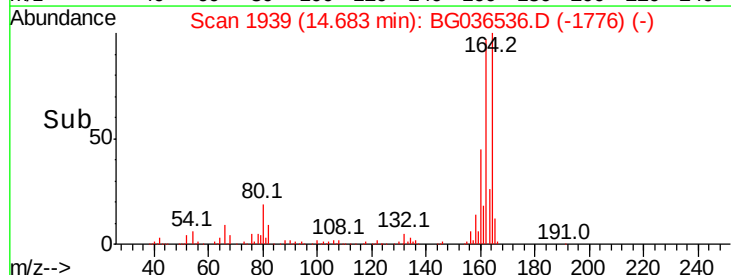
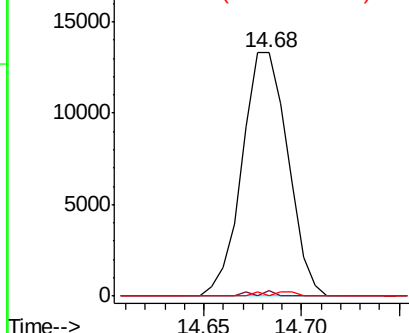


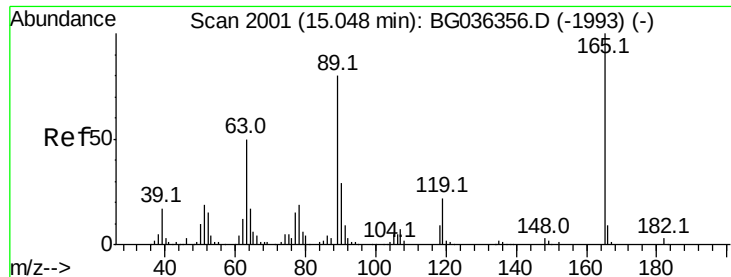
#50
 2,6-Dinitrotoluene
 Concen: 7.335 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.43 min
 Lab File: BG036536.D
 Acq: 4 Sep 2018 17:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	50.1	75.1#
89	0.0	47.8	71.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0

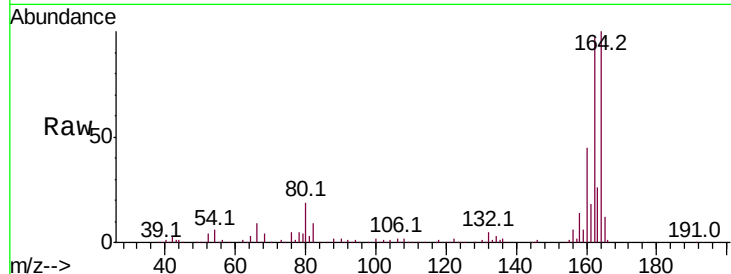




#56
 2,4-Dinitrotoluene
 Concen: 5.628 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.35 min
 Lab File: BG036536.D
 Acq: 4 Sep 2018 17:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



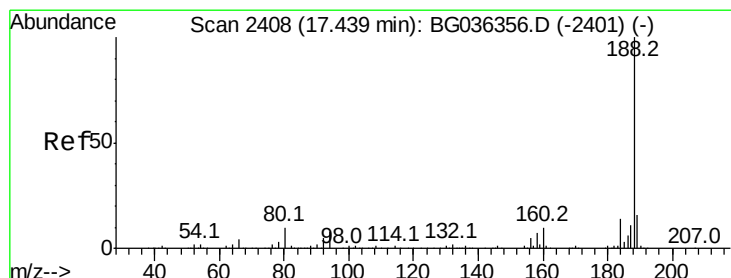
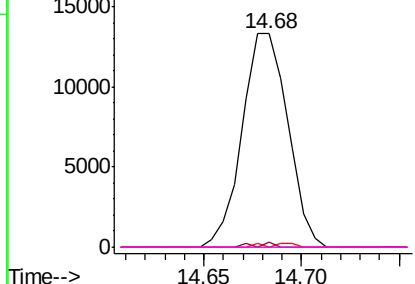
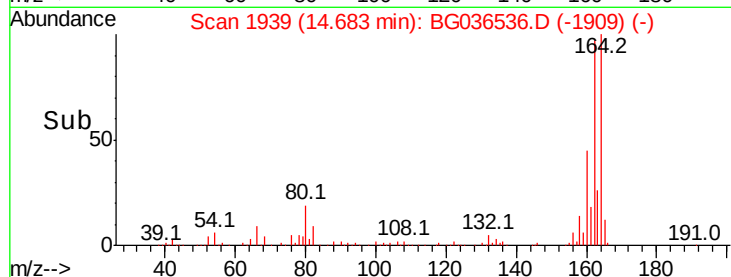
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

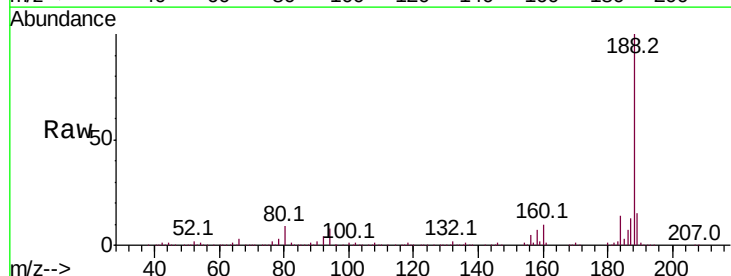
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036536.D
 Acq: 4 Sep 2018 17:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.2	8.1	12.1

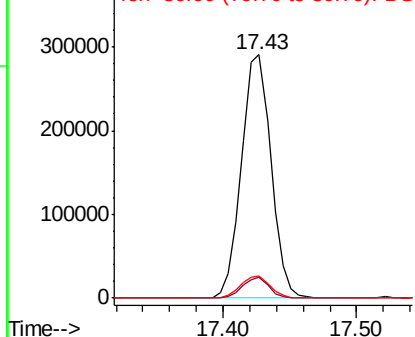
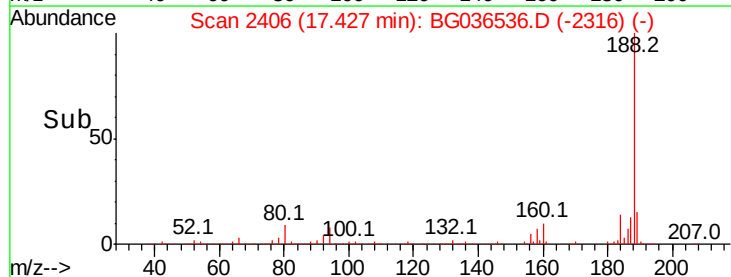


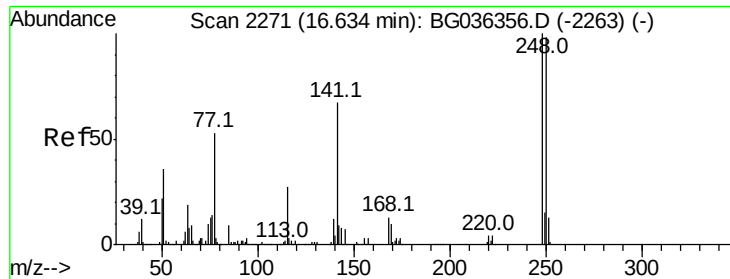
Abundance

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

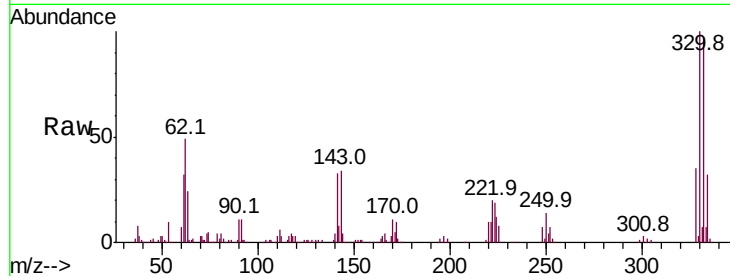




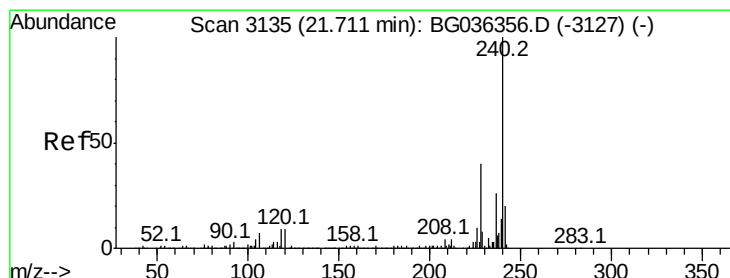
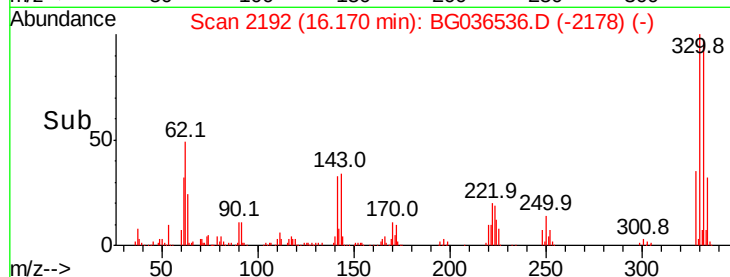
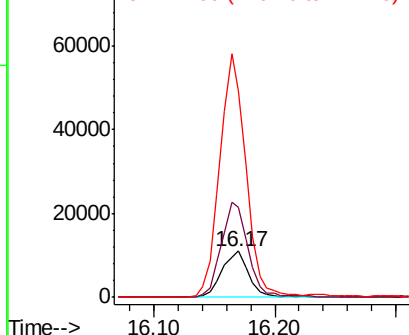
#66
 4-Bromophenyl-phenylether
 Concen: 3.234 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.45 min
 Lab File: BG036536.D
 Acq: 4 Sep 2018 17:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 16829
 Ion Ratio Lower Upper
 248 100
 250 197.4 78.1 117.1#
 141 450.6 53.7 80.5#

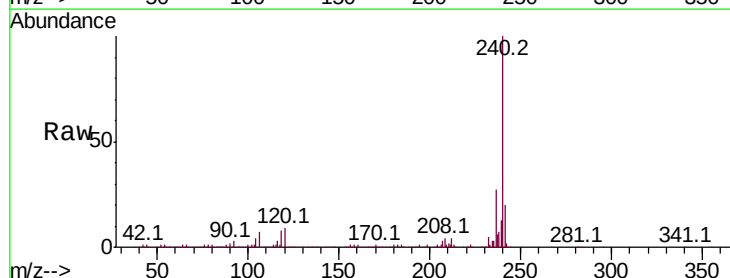


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

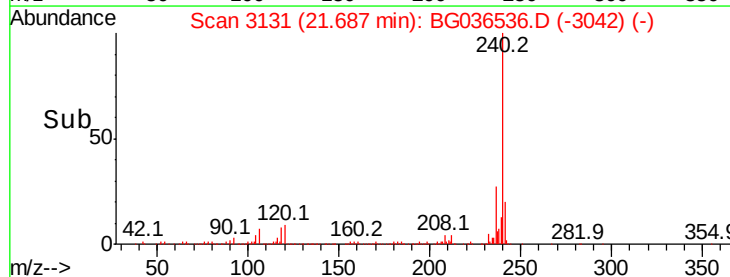
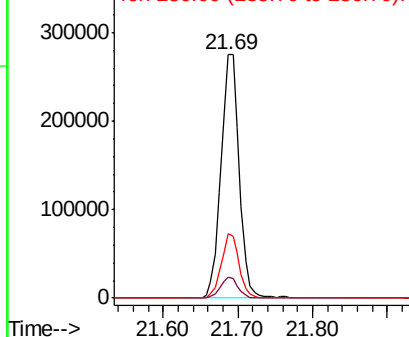


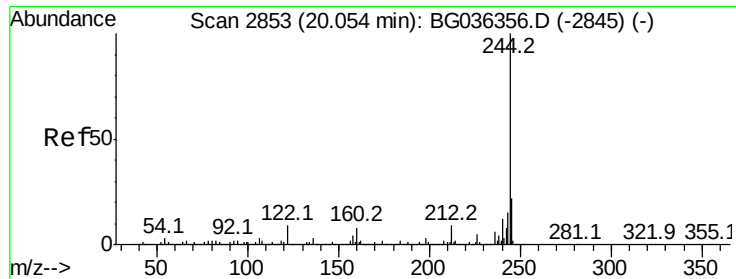
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036536.D
 Acq: 4 Sep 2018 17:48

Tgt Ion:240 Resp: 469287
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.9 10.3
 236 26.7 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: 77.598 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036536.D

Acq: 4 Sep 2018 17:48

Instrument :

BNA_G

ClientSampled :

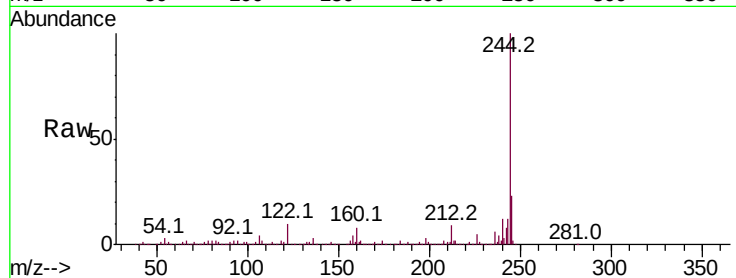
Tot Ion:244 Resp: 1558001

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

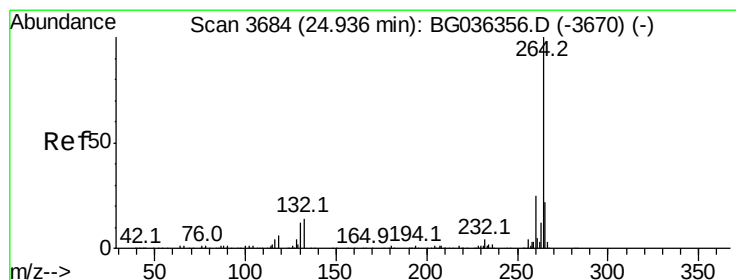
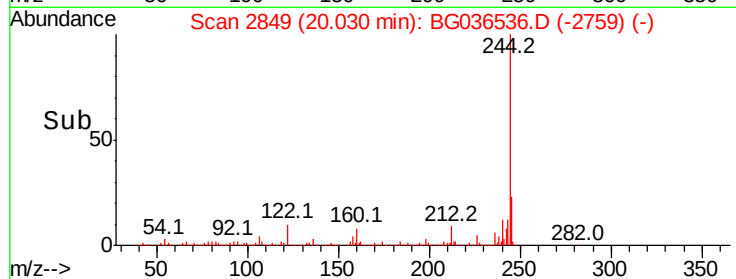
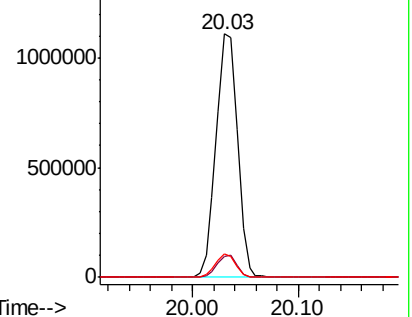
122 9.7 7.1 10.7



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# 3678

Delta R.T. -0.00 min

Lab File: BG036536.D

Acq: 4 Sep 2018 17:48

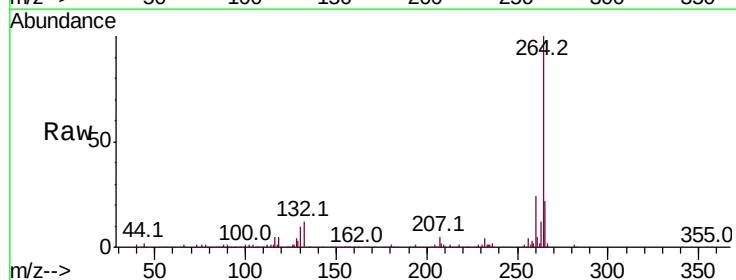
Tgt Ion:264 Resp: 460685

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 21.5 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

