

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036544.D
 Acq On : 5 Sep 2018 00:20
 Operator : JU/SJ
 Sample : J4729-02RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 05 02:30:17 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

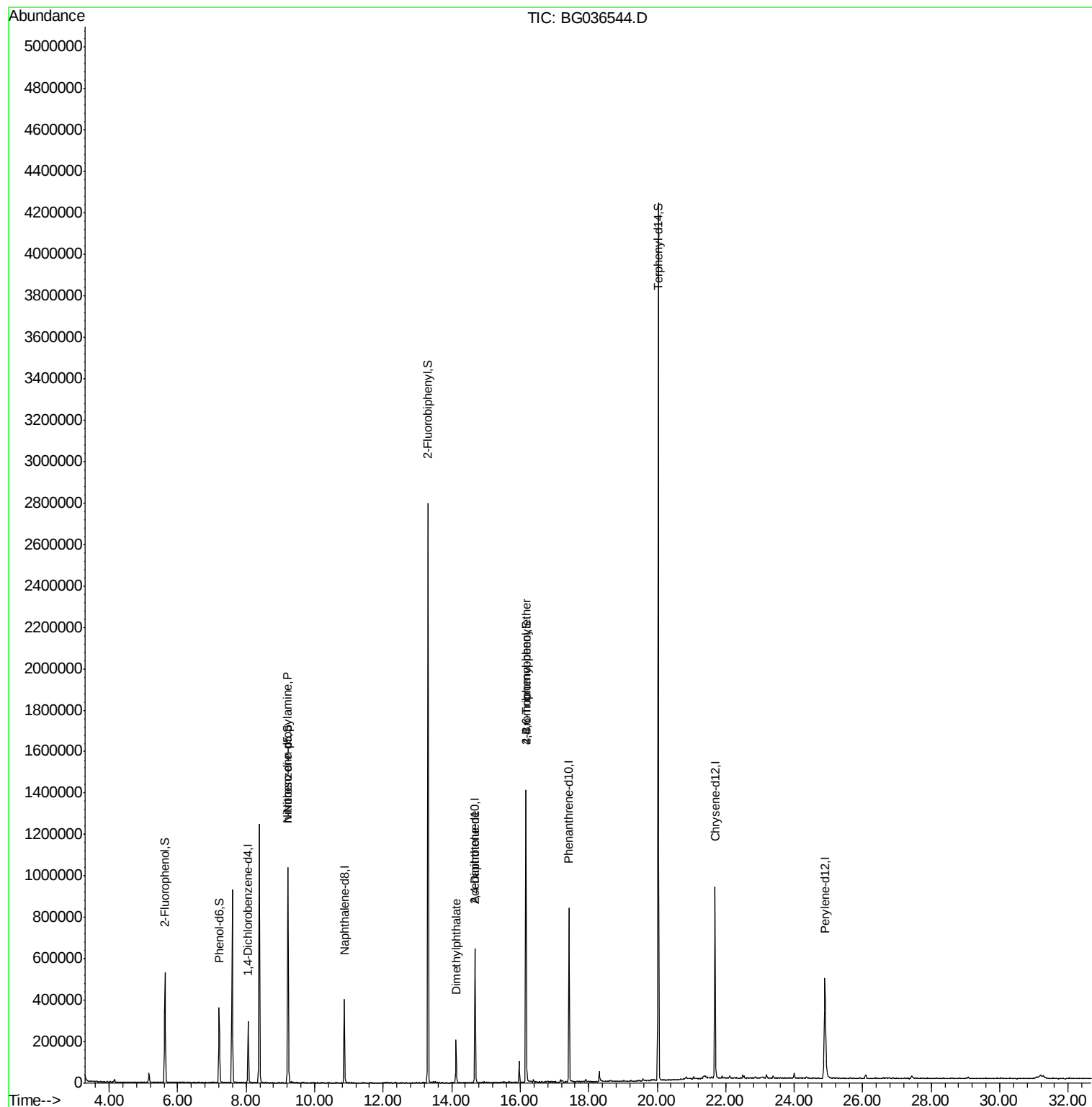
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	83800	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	336661	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	217524	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	533783	20.00	ng	0.00
75) Chrysene-d12	21.69	240	567952	20.00	ng	0.00
86) Perylene-d12	24.89	264	555799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	230914	43.71	ng	0.00
7) Phenol-d6	7.21	99	201914	26.70	ng	0.00
23) Nitrobenzene-d5	9.22	82	639180	103.01	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	274500	105.76	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1427801	93.72	ng	0.00
78) Terphenyl-d14	20.03	244	1954166	80.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	87236	15.433	ng	Qvalue # 73
49) Dimethylphthalate	14.13	163	136311	7.674	ng	99
56) 2,4-Dinitrotoluene	14.68	165	27728	5.821	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	19880	3.181	ng	# 1

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

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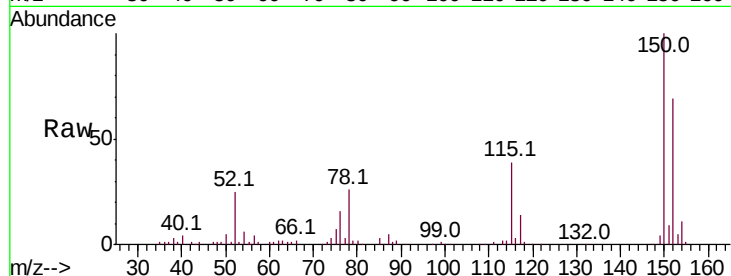




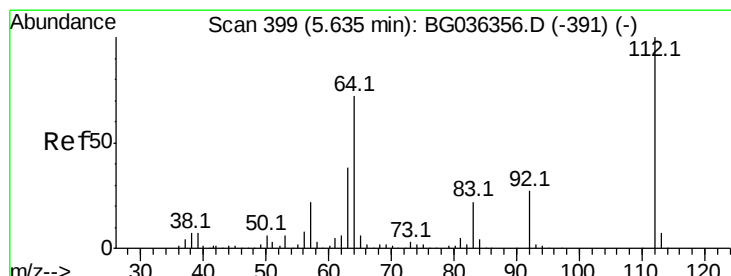
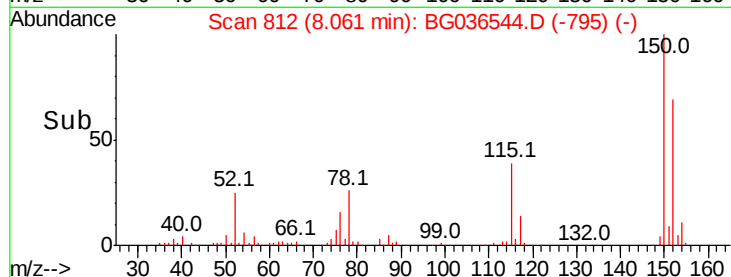
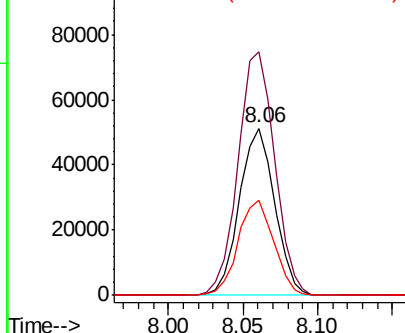
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG036544.D
 Acq: 5 Sep 2018 00:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:152 Resp: 83800
 Ion Ratio Lower Upper
 152 100
 150 145.7 119.5 179.3
 115 56.6 44.5 66.7

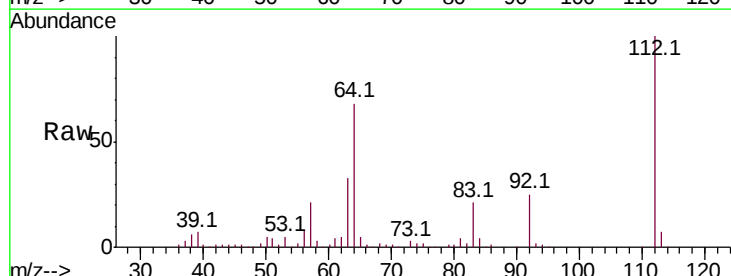


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

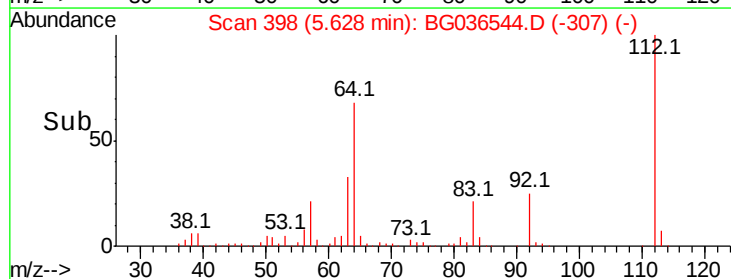
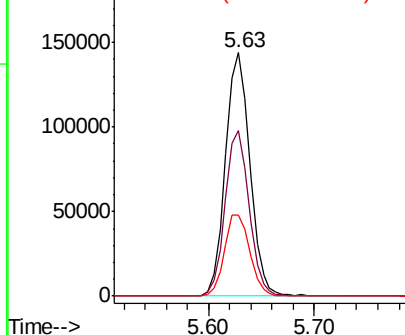


#5
 2-Fluorophenol
 Concen: 43.711 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036544.D
 Acq: 5 Sep 2018 00:20

Tgt Ion:112 Resp: 230914
 Ion Ratio Lower Upper
 112 100
 64 67.8 57.2 85.8
 63 33.5 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 26.696 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036544.D

Acq: 5 Sep 2018 00:20

Instrument :

BNA_G

ClientSampleId :

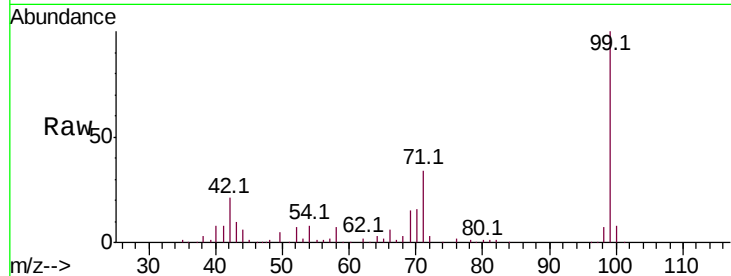
Tot Ion: 99 Resp: 201914

Ion Ratio Lower Upper

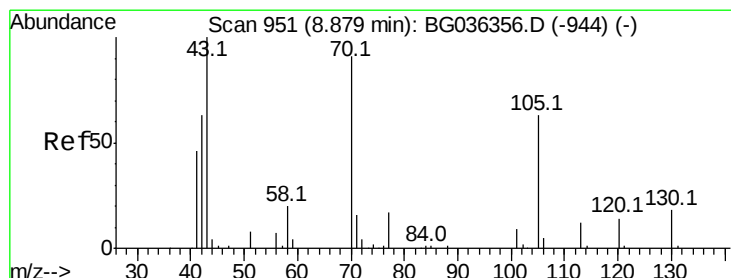
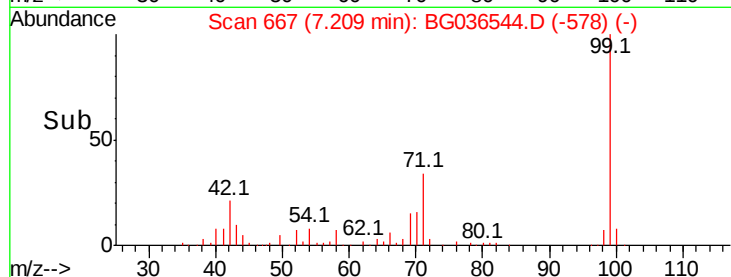
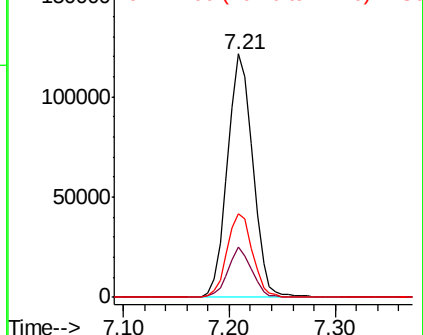
99 100

42 20.6 16.5 24.7

71 34.4 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: 15.433 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BG036544.D

Acq: 5 Sep 2018 00:20

Tgt Ion: 70 Resp: 87236

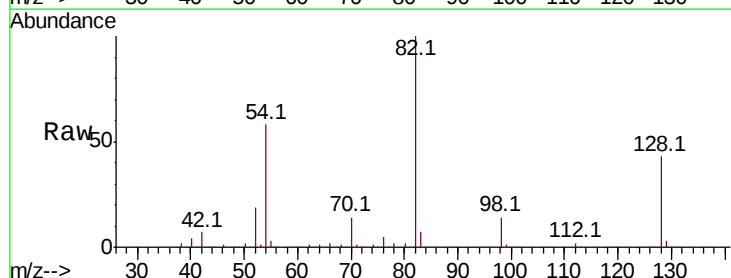
Ion Ratio Lower Upper

70 100

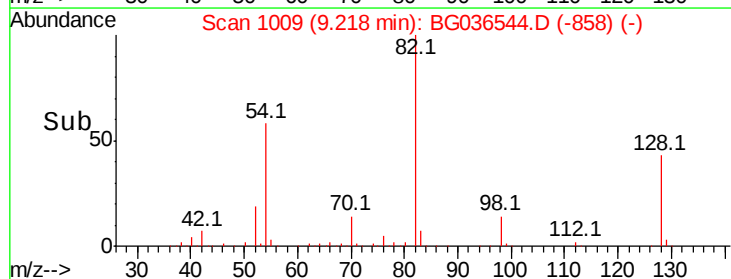
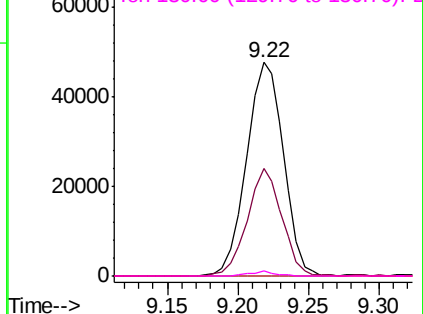
42 50.3 56.2 84.4#

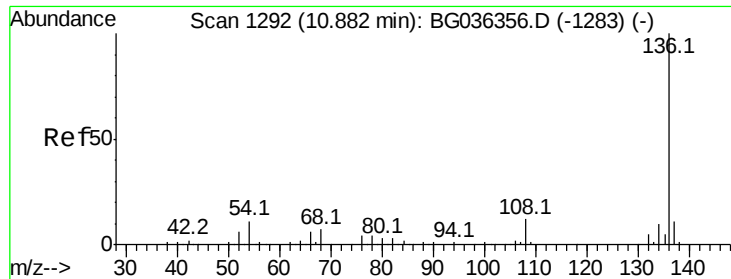
101 0.0 7.8 11.6#

130 2.6 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

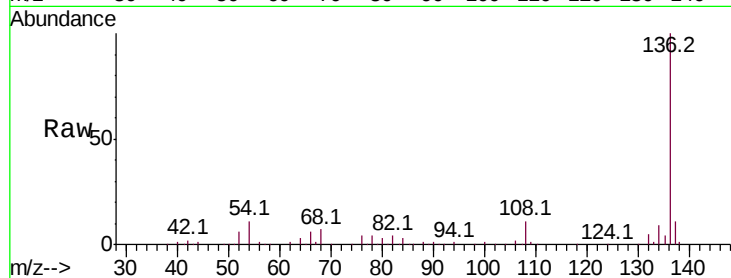




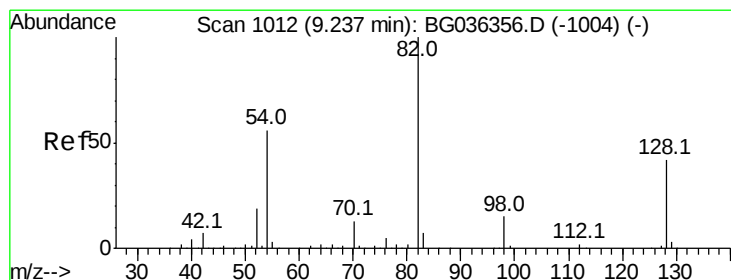
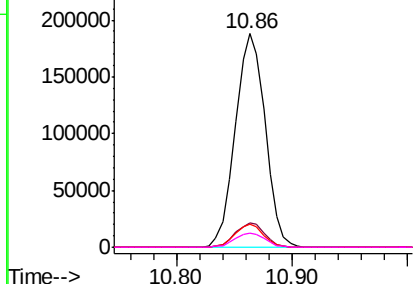
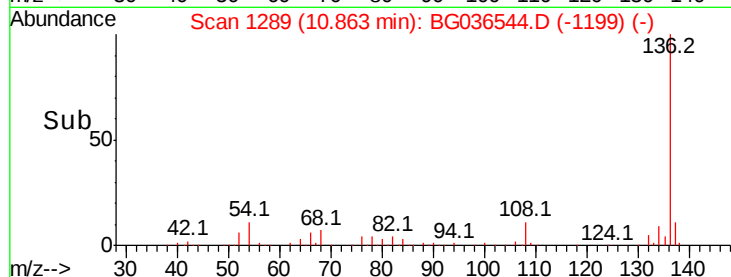
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036544.D
Acq: 5 Sep 2018 00:20

Instrument :
BNA_G
ClientSampled :

Tot Ion:	136	Resp:	336661
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	11.0	9.2	13.8
68	6.9	5.8	8.6

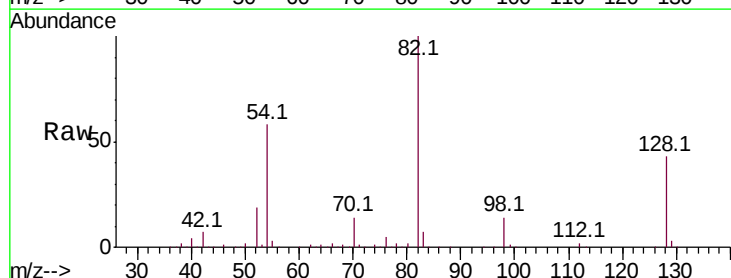


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

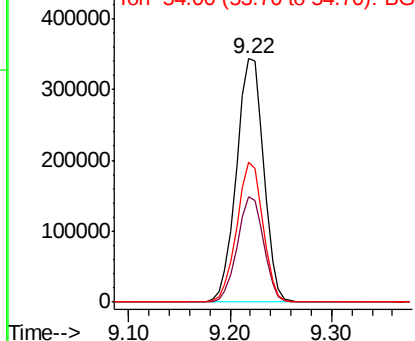
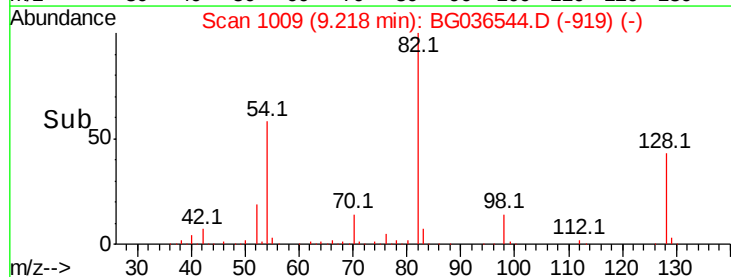


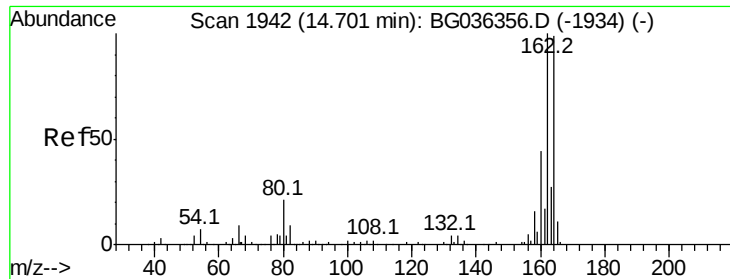
#23
Nitrobenzene-d5
Concen: 103.011 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036544.D
Acq: 5 Sep 2018 00:20

Tgt Ion:	82	Resp:	639180
Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.3	49.9
54	57.7	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

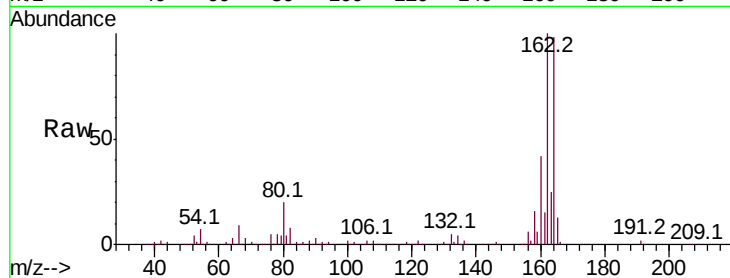




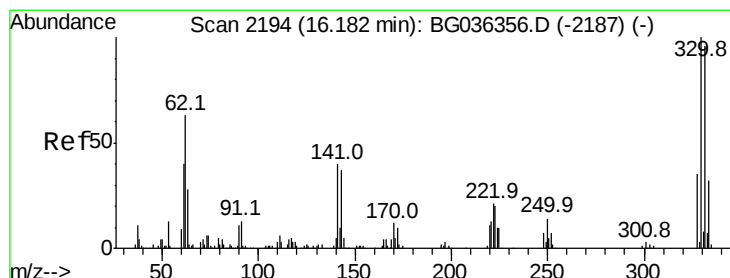
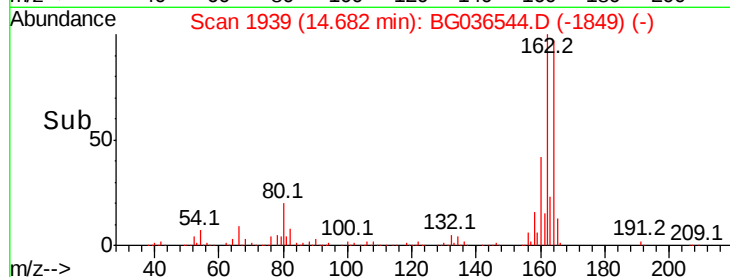
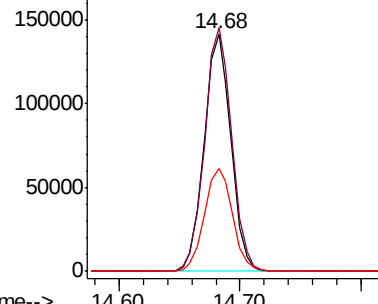
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG036544.D
 Acq: 5 Sep 2018 00:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:164 Resp: 217524
 Ion Ratio Lower Upper
 164 100
 162 102.4 80.7 121.1
 160 43.5 35.3 52.9

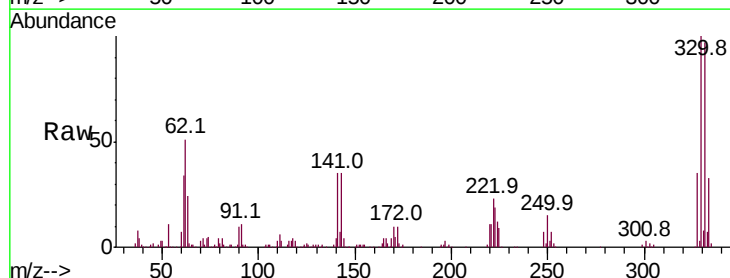


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

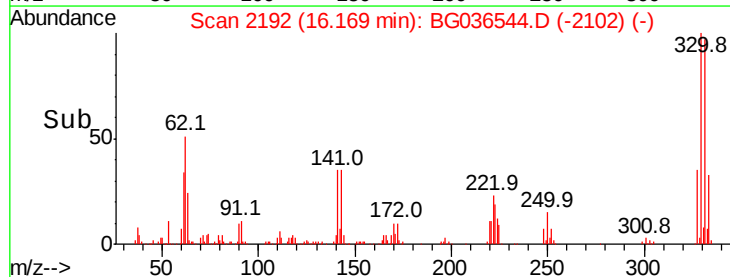
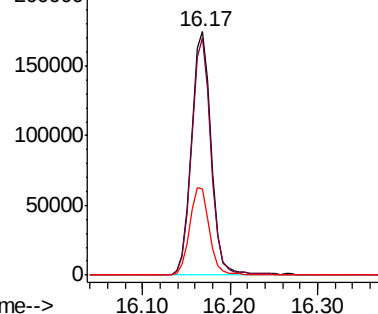


#41
 2,4,6-Tribromophenol
 Concen: 105.758 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036544.D
 Acq: 5 Sep 2018 00:20

Tgt Ion:330 Resp: 274500
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.4 113.2
 141 35.8 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

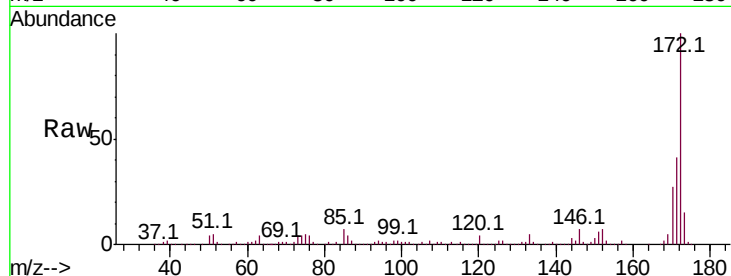




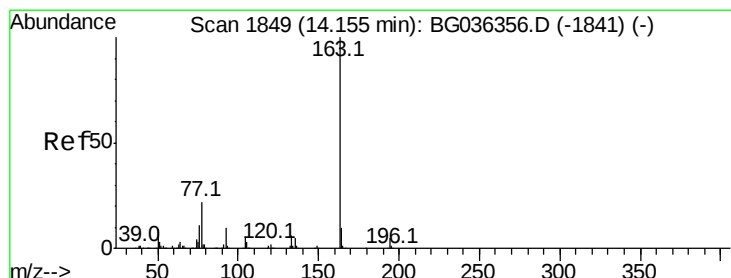
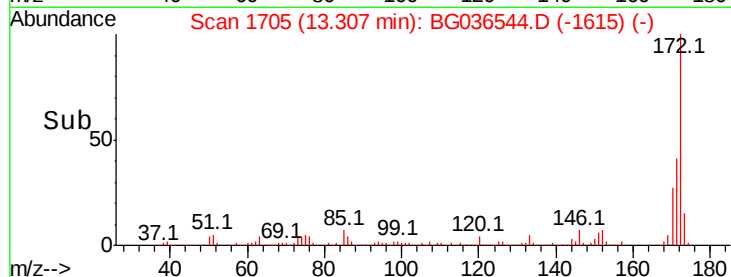
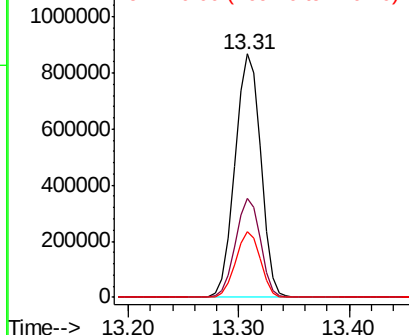
#44
2-Fluorobiphenyl
Concen: 93.720 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036544.D
Acq: 5 Sep 2018 00:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1427801
Ion Ratio Lower Upper
172 100
171 40.6 31.3 46.9
170 27.0 21.0 31.6

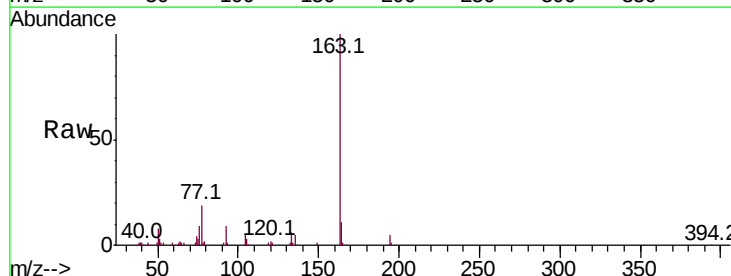


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

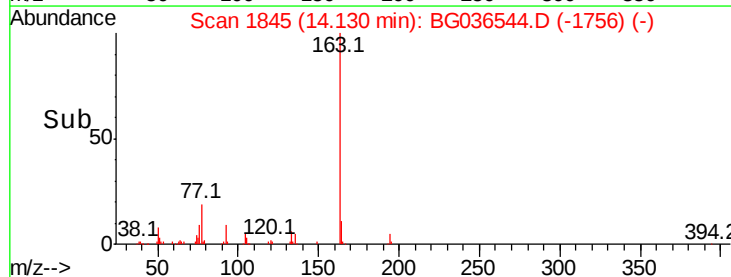
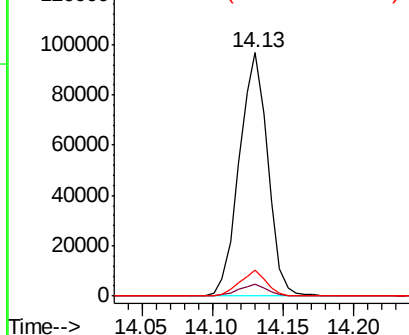


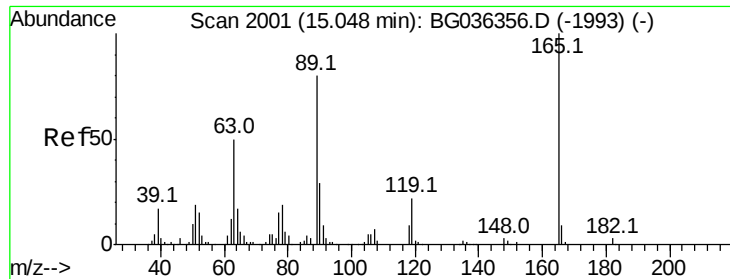
#49
Dimethylphthalate
Concen: 7.674 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036544.D
Acq: 5 Sep 2018 00:20

Tgt Ion:163 Resp: 136311
Ion Ratio Lower Upper
163 100
194 4.8 4.0 6.0
164 10.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

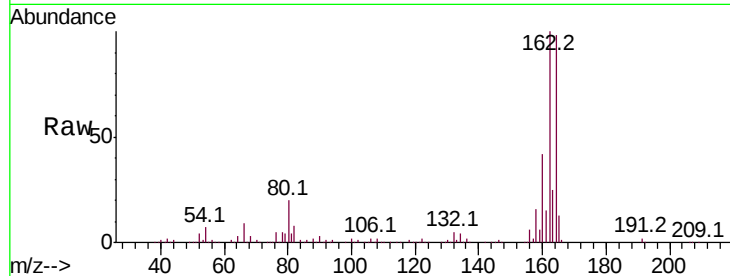




#56
 2,4-Dinitrotoluene
 Concen: 5.821 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036544.D
 Acq: 5 Sep 2018 00:20

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.1	60.1#
89	2.8	63.7	95.5#
182	0.0	2.5	3.7#



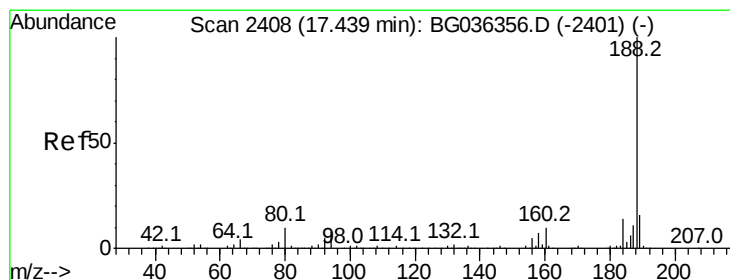
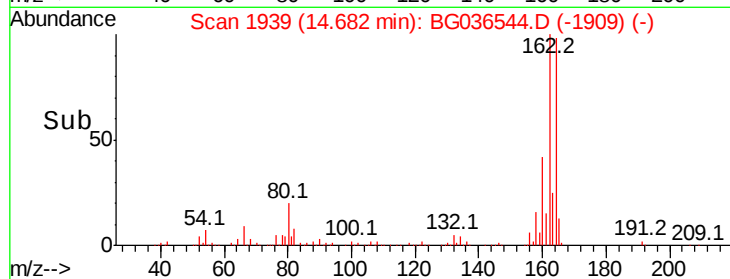
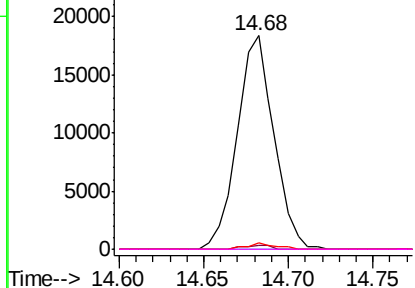
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

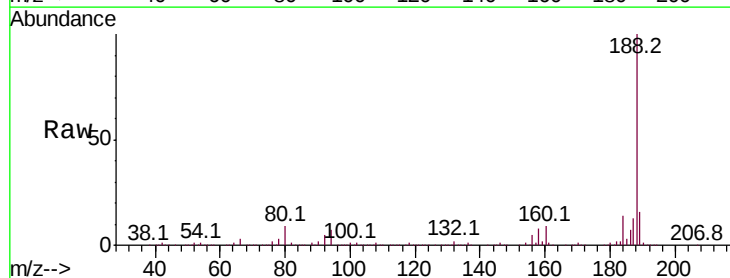
Ion 89.00 (88.70 to 89.70): BGC

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: BG036544.D
 Acq: 5 Sep 2018 00:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	9.0	8.1	12.1

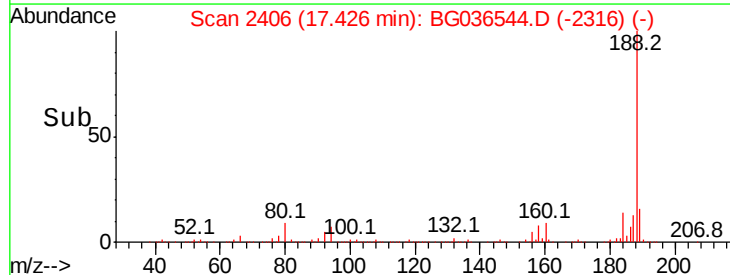
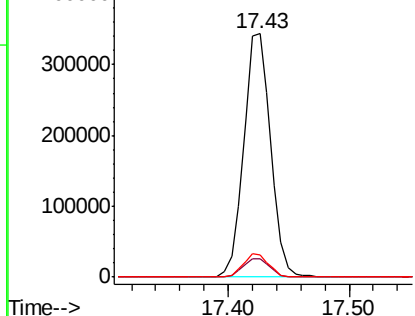


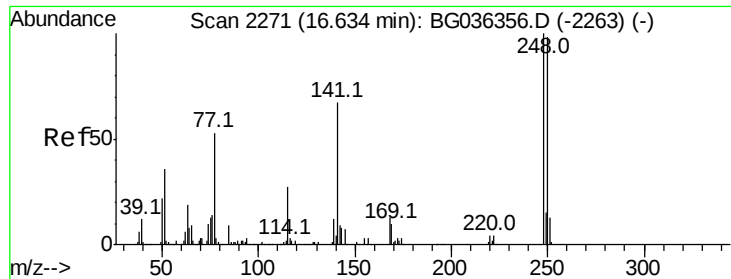
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

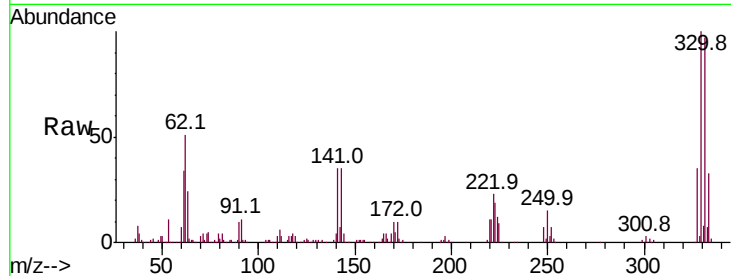




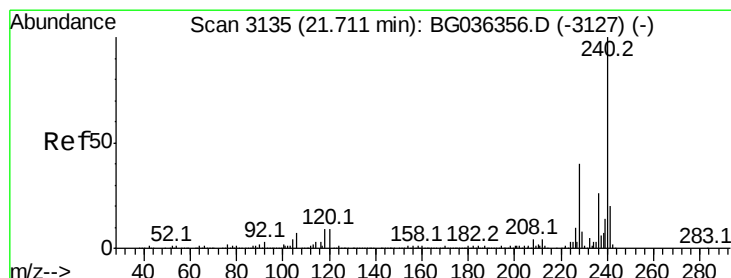
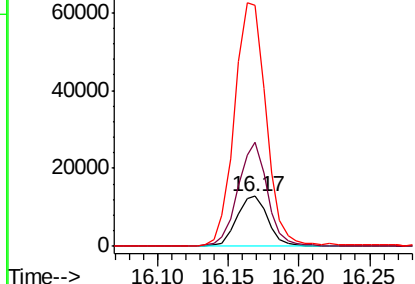
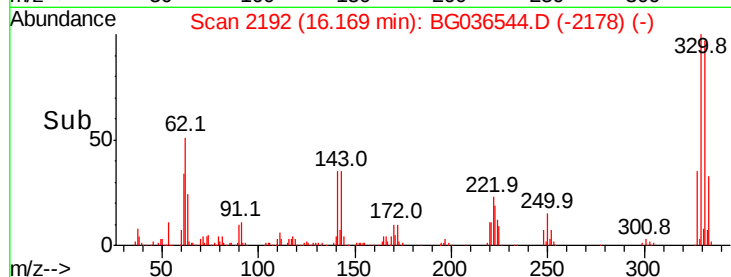
#66
 4-Bromophenyl-phenylether
 Concen: 3.181 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.45 min
 Lab File: BG036544.D
 Acq: 5 Sep 2018 00:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 19880
 Ion Ratio Lower Upper
 248 100
 250 209.3 78.1 117.1#
 141 483.1 53.7 80.5#

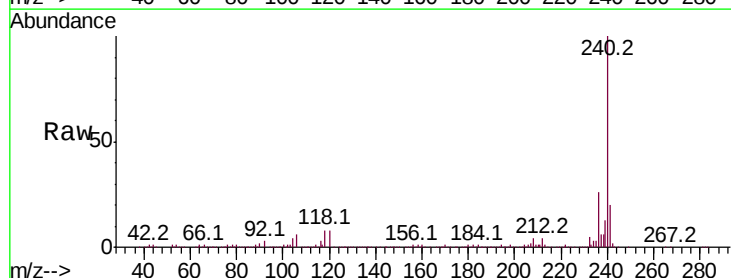


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

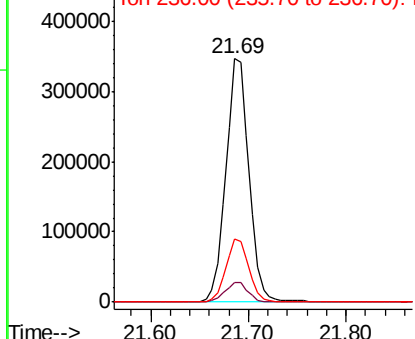
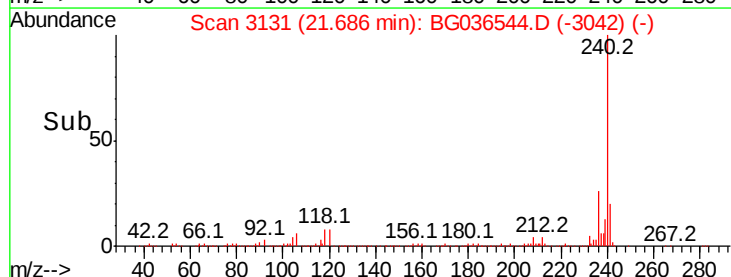


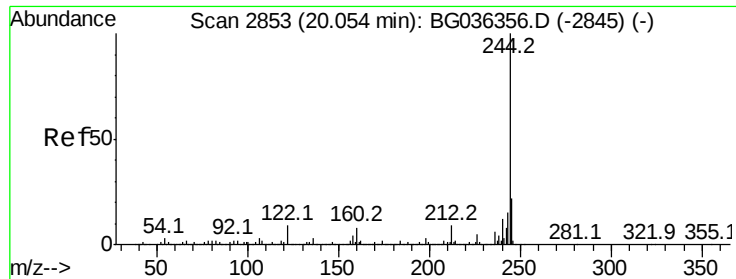
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036544.D
 Acq: 5 Sep 2018 00:20

Tgt Ion:240 Resp: 567952
 Ion Ratio Lower Upper
 240 100
 120 8.1 6.9 10.3
 236 25.9 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: 80.421 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036544.D

Acq: 5 Sep 2018 00:20

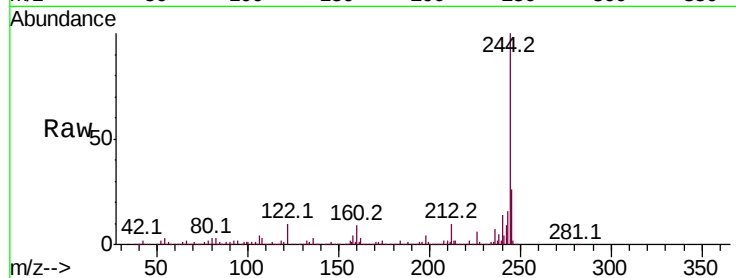
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1954166

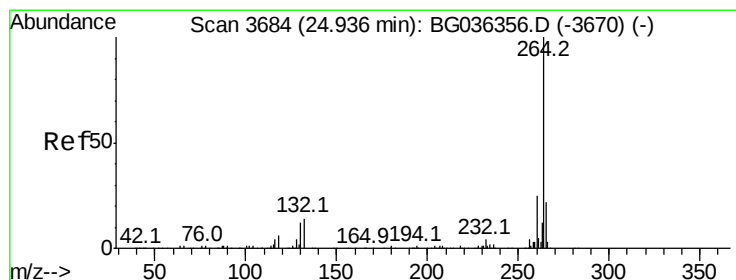
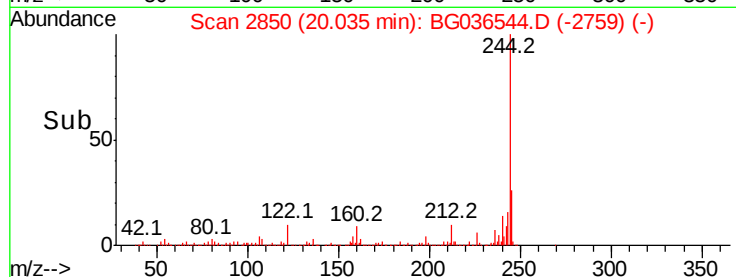
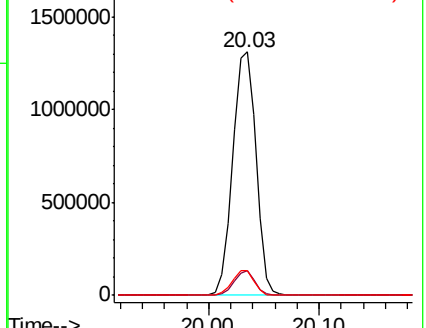
Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.0	10.6
122	9.9	7.1	10.7



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: 24.89 min Scan# 3677

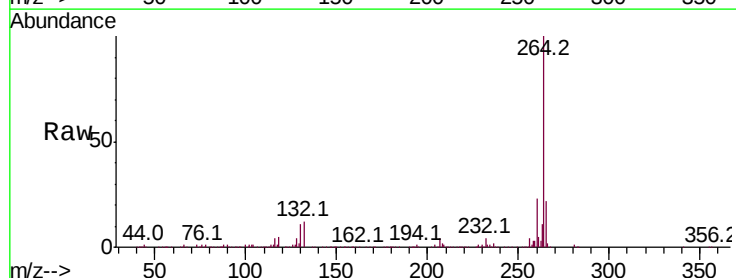
Delta R.T. -0.01 min

Lab File: BG036544.D

Acq: 5 Sep 2018 00:20

Tgt Ion:264 Resp: 555799

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	21.7	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

