

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082818\
 Data File : BG036466.D
 Acq On : 28 Aug 2018 20:17
 Operator : JU/SJ
 Sample : J4276-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-082718

Quant Time: Aug 29 01:06:48 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

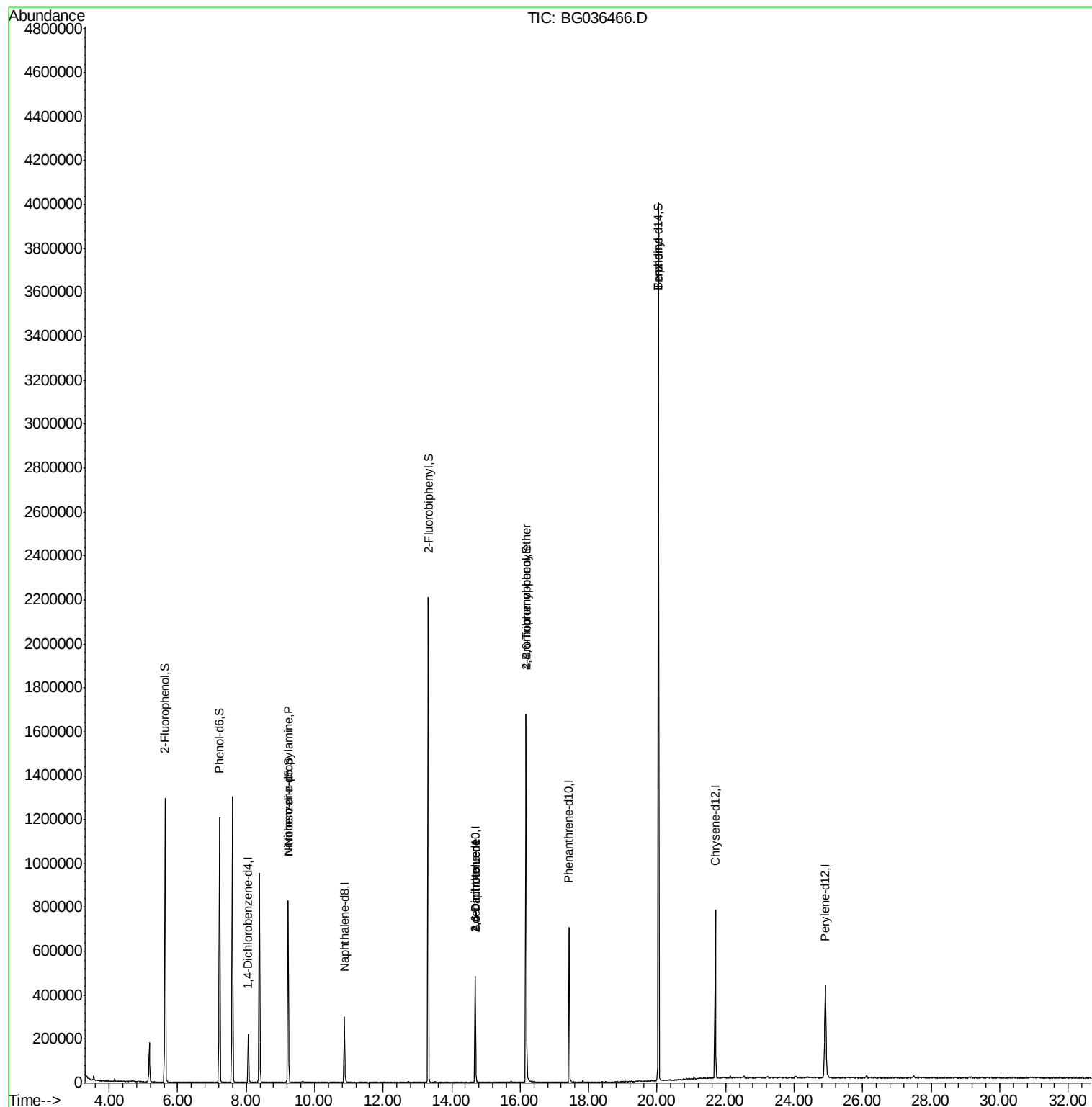
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	62431	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	255877	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	167049	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	430165	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	468530	20.00	ng	-0.01
86) Perylene-d12	24.91	264	467890	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	528507	134.29	ng	0.00
7) Phenol-d6	7.22	99	680680	120.80	ng	0.00
23) Nitrobenzene-d5	9.22	82	490527	104.01	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	323229	162.16	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1113378	95.16	ng	-0.01
78) Terphenyl-d14	20.04	244	1904792	95.02	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	66484	15.787	ng	# 72
50) 2,6-Dinitrotoluene	14.68	165	21465	7.647	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	21465	5.868	ng	# 20
66) 4-Bromophenyl-phenylether	16.18	248	22623	4.492	ng	# 1
76) Benzidine	20.04	184	35702	2.388	ng	# 95

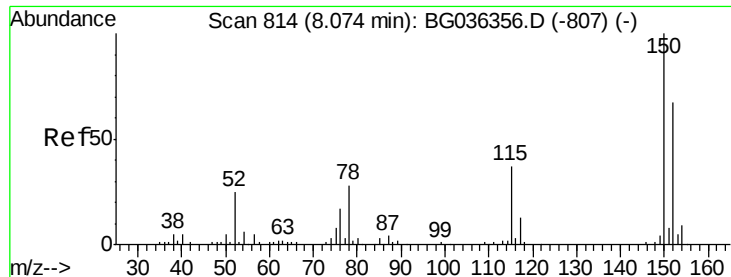
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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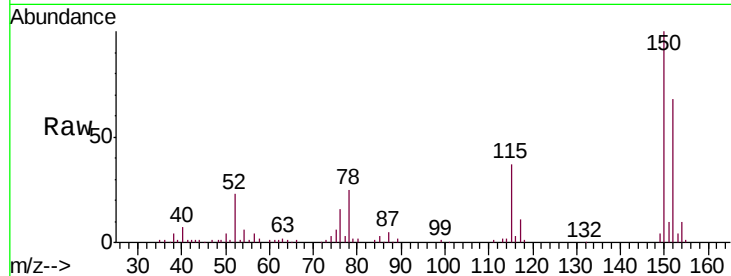


#1

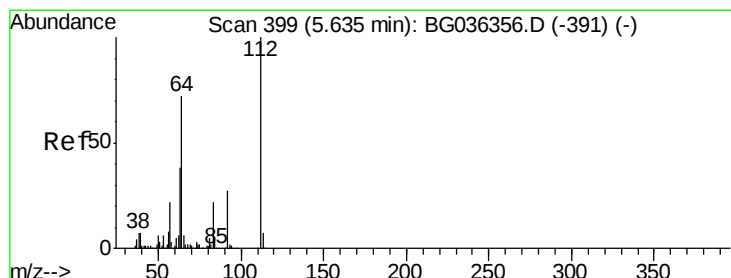
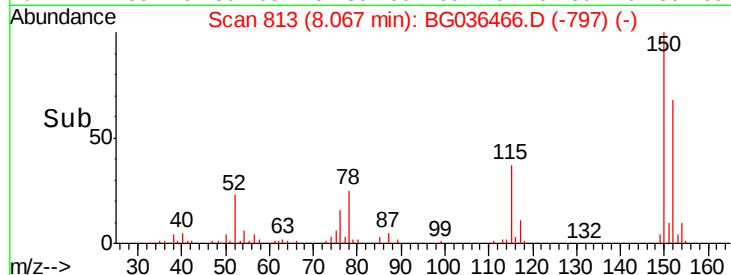
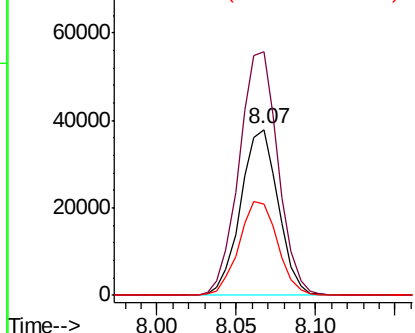
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Instrument :
BNA_G
ClientSampleId :
OK-02-082718

Tgt Ion:152 Resp: 62431
Ion Ratio Lower Upper
152 100
150 147.0 119.5 179.3
115 54.9 44.5 66.7



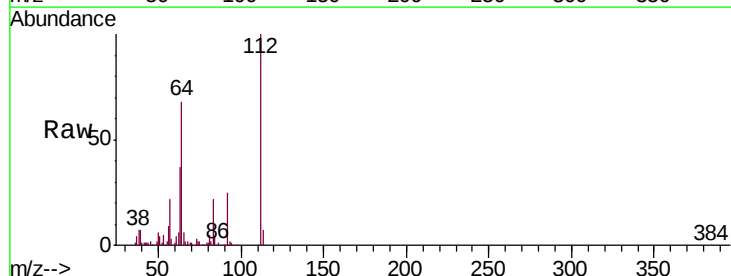
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



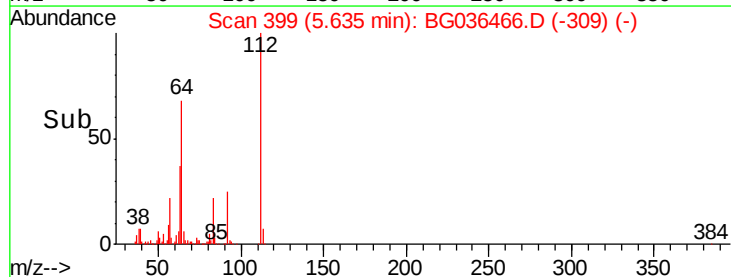
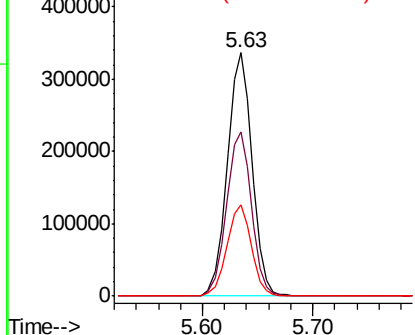
#5

2-Fluorophenol
Concen: 134.287 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Tgt Ion:112 Resp: 528507
Ion Ratio Lower Upper
112 100
64 67.5 57.2 85.8
63 37.3 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: 120.798 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036466.D

Acq: 28 Aug 2018 20:17

Instrument :

BNA_G

ClientSampleId :

OK-02-082718

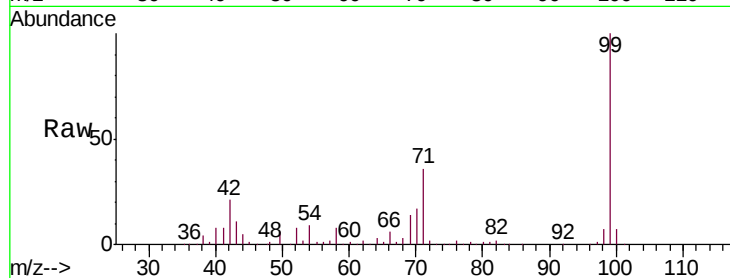
Tgt Ion: 99 Resp: 680680

Ion Ratio Lower Upper

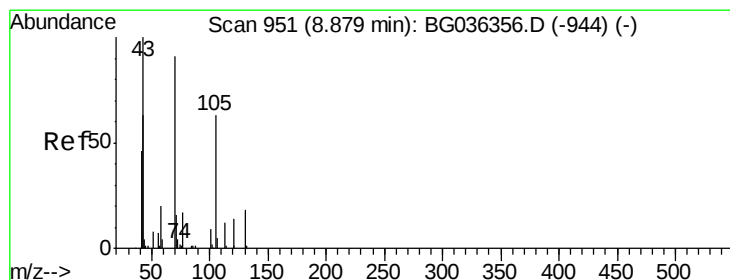
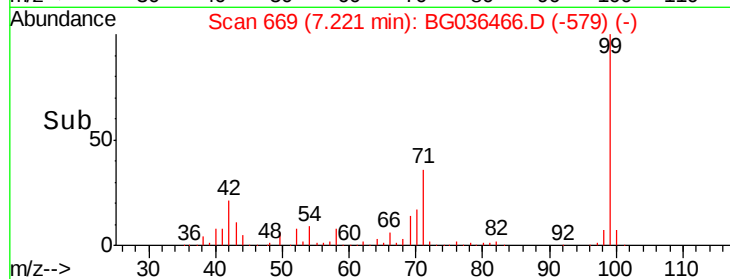
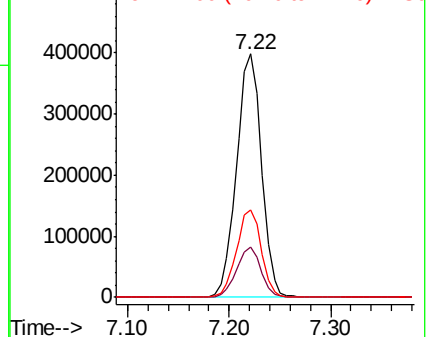
99 100

42 20.6 16.5 24.7

71 35.8 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: 15.787 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.35 min

Lab File: BG036466.D

Acq: 28 Aug 2018 20:17

Tgt Ion: 70 Resp: 66484

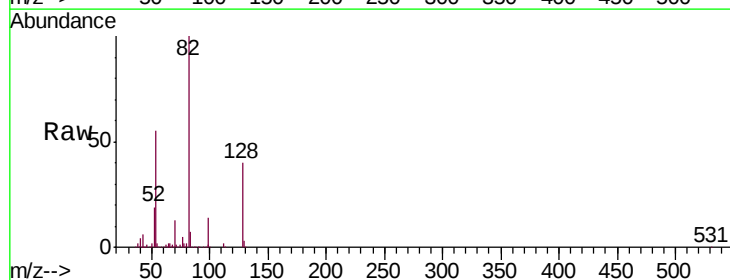
Ion Ratio Lower Upper

70 100

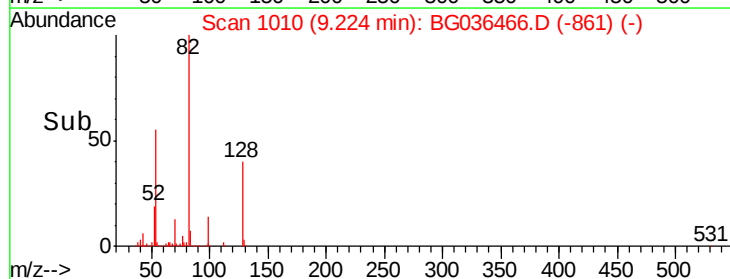
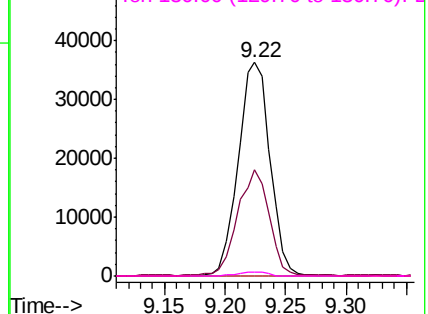
42 50.0 56.2 84.4#

101 0.0 7.8 11.6#

130 1.9 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

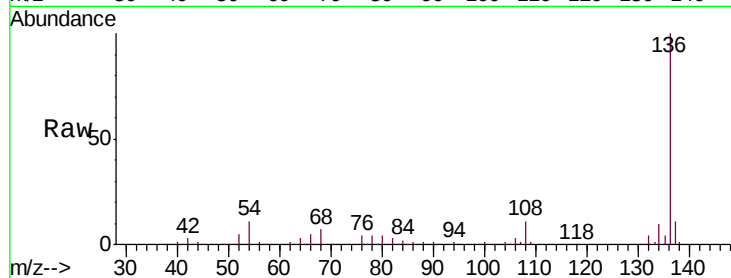




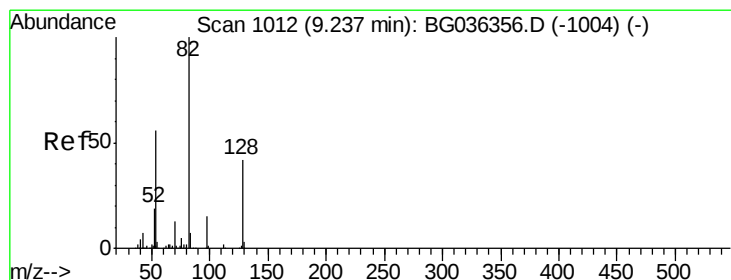
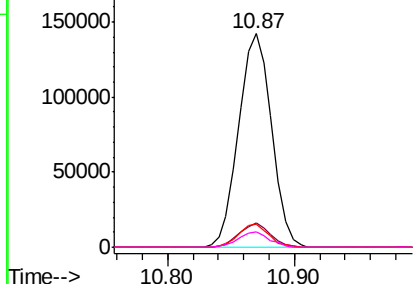
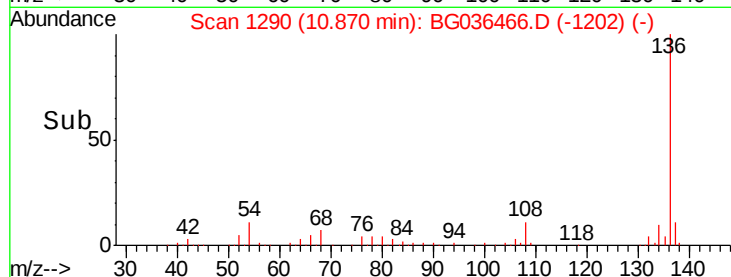
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Instrument :
BNA_G
ClientSampleId :
OK-02-082718

Tgt Ion:	136	Resp:	255877
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.8	9.2	13.8
68	6.9	5.8	8.6

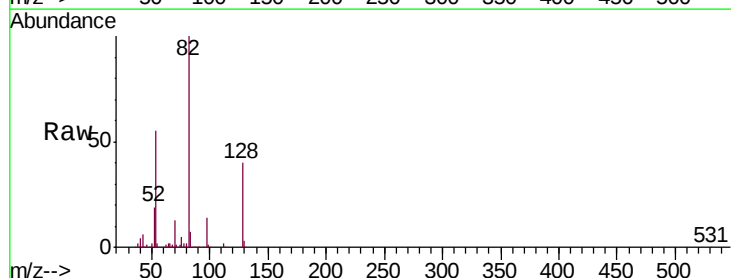


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

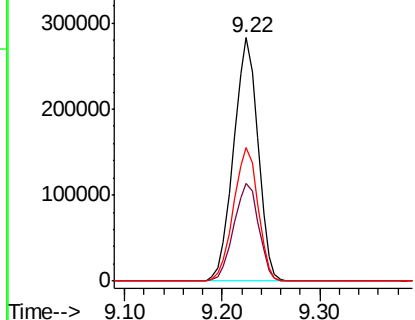
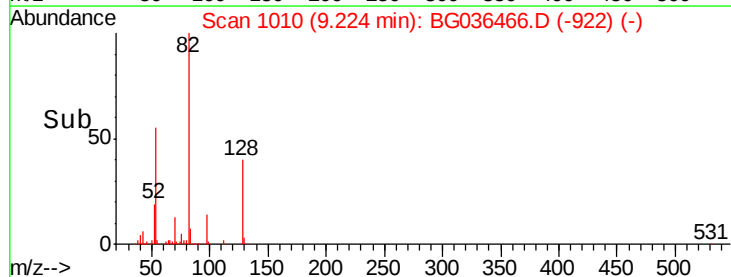


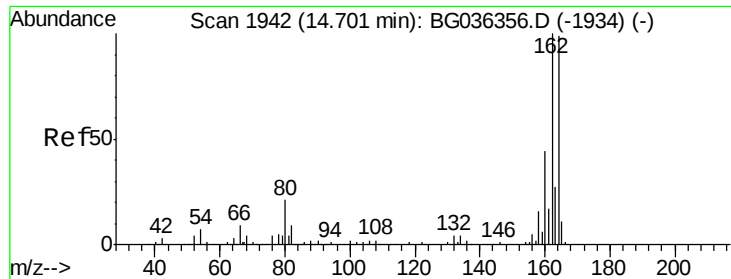
#23
Nitrobenzene-d5
Concen: 104.012 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Tgt Ion:	82	Resp:	490527
Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.3	49.9
54	54.9	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

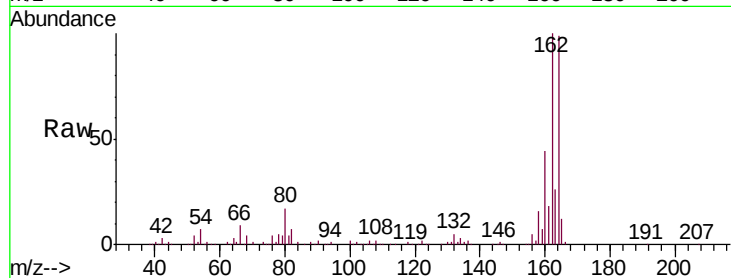




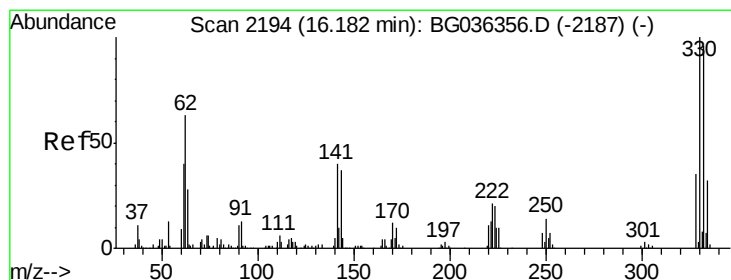
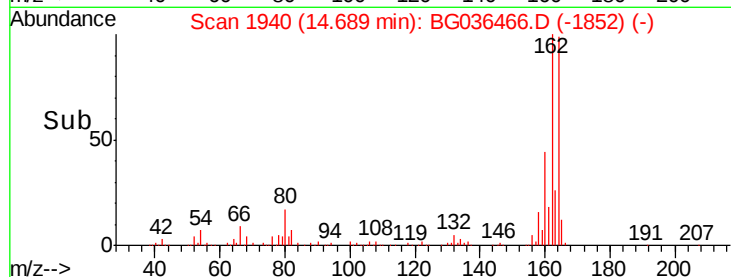
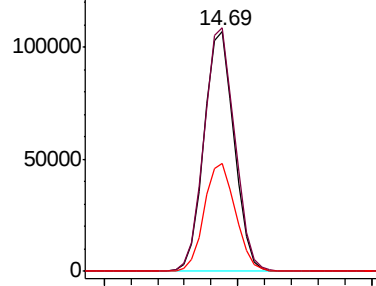
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036466.D
 Acq: 28 Aug 2018 20:17

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-082718

Tgt Ion:164 Resp: 167049
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.7 121.1
 160 44.7 35.3 52.9

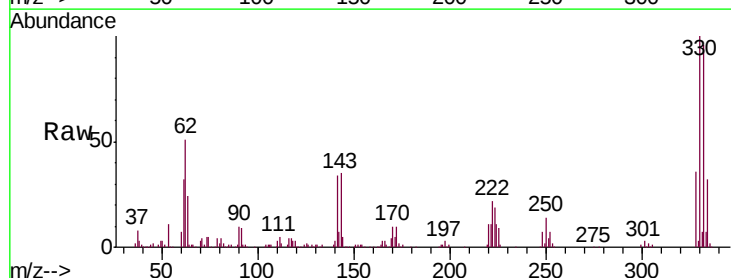


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

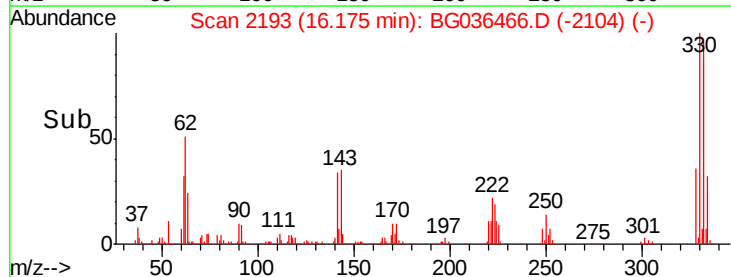
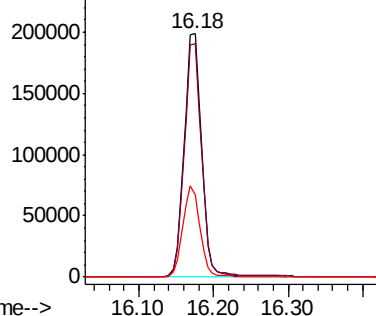


#41
 2,4,6-Tribromophenol
 Concen: 162.160 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036466.D
 Acq: 28 Aug 2018 20:17

Tgt Ion:330 Resp: 323229
 Ion Ratio Lower Upper
 330 100
 332 94.7 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

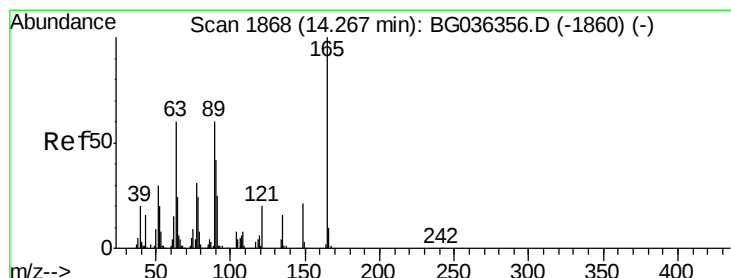
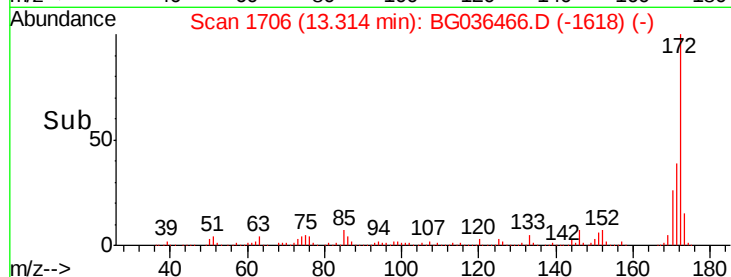
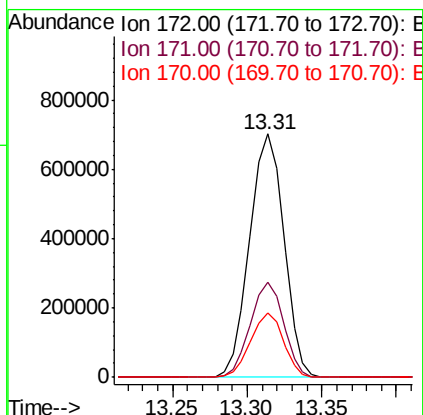
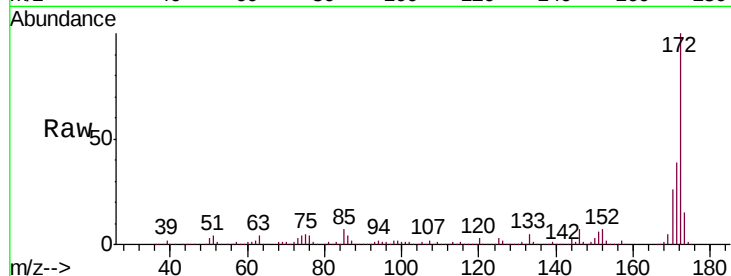




#44
 2-Fluorobiphenyl
 Concen: 95.164 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036466.D
 Acq: 28 Aug 2018 20:17

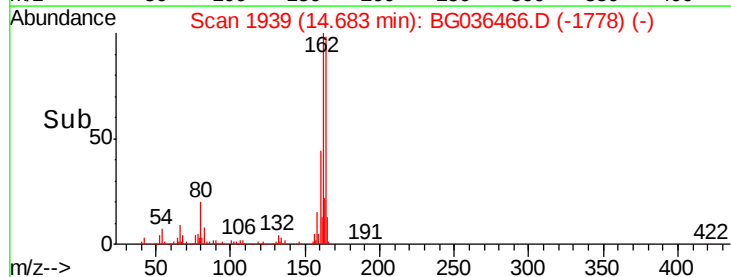
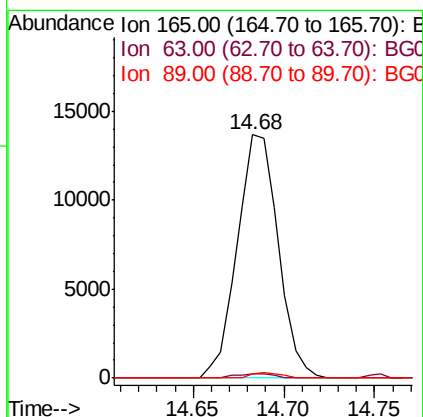
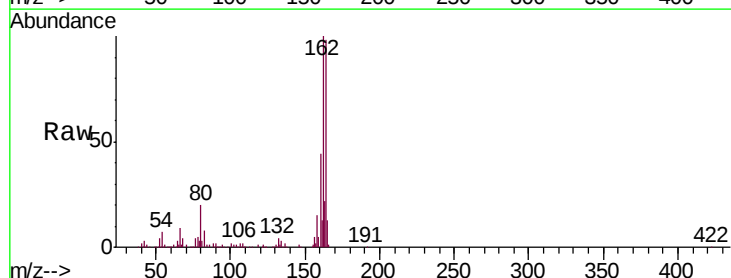
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-082718

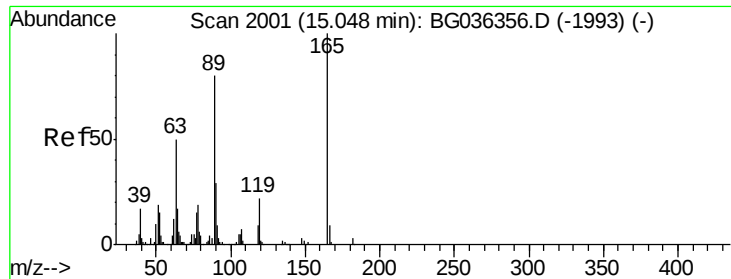
Tgt Ion:172 Resp: 1113378
 Ion Ratio Lower Upper
 172 100
 171 39.2 31.3 46.9
 170 26.2 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.647 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.42 min
 Lab File: BG036466.D
 Acq: 28 Aug 2018 20:17

Tgt Ion:165 Resp: 21465
 Ion Ratio Lower Upper
 165 100
 63 1.7 50.1 75.1#
 89 1.5 47.8 71.6#





#56

2,4-Dinitrotoluene

Concen: 5.868 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.36 min

Lab File: BG036466.D

Acq: 28 Aug 2018 20:17

Instrument :

BNA_G

ClientSampleId :

OK-02-082718

Tgt Ion:165 Resp: 21465

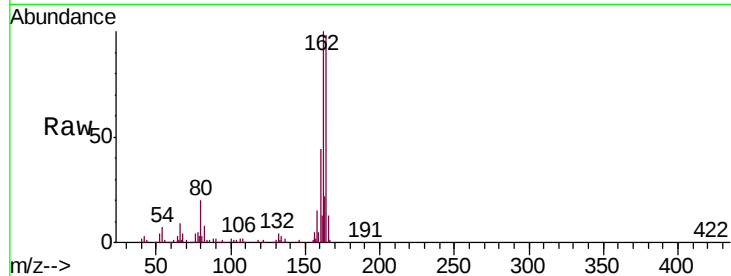
Ion Ratio Lower Upper

165 100

63 1.7 40.1 60.1#

89 1.5 63.7 95.5#

182 0.0 2.5 3.7#

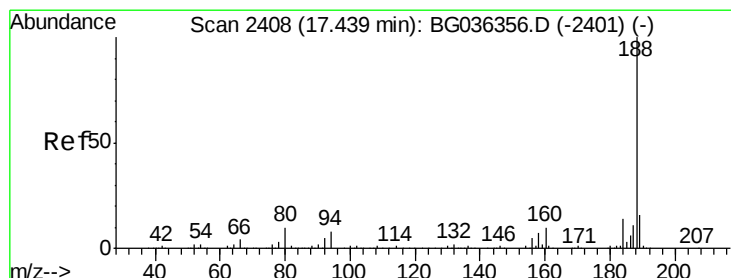
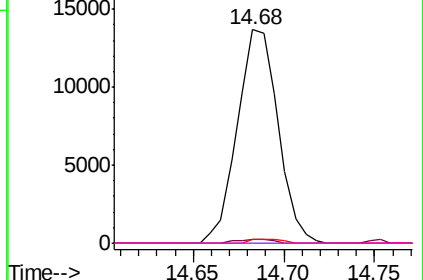
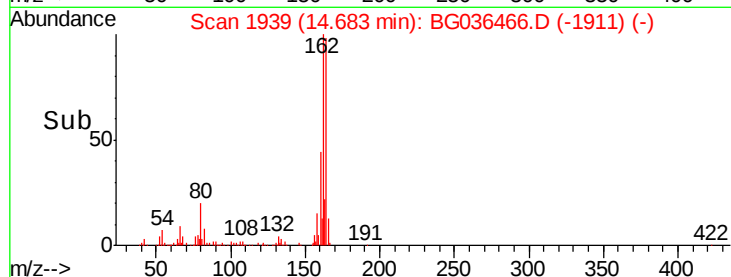


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.43 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BG036466.D

Acq: 28 Aug 2018 20:17

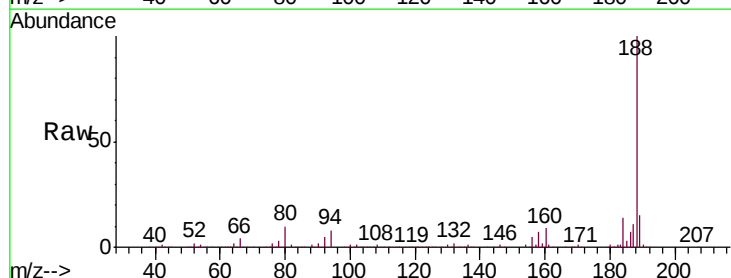
Tgt Ion:188 Resp: 430165

Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

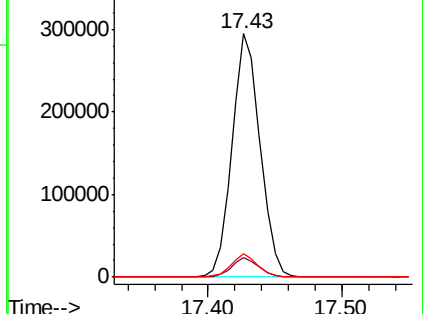
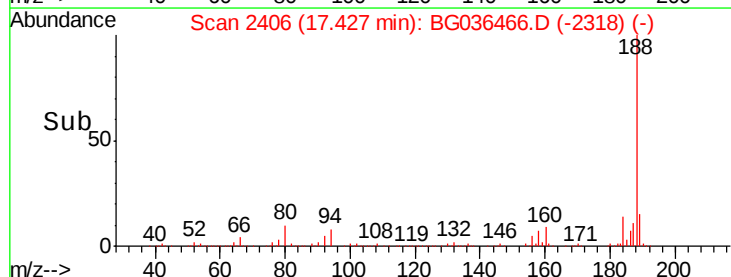
80 9.8 8.1 12.1

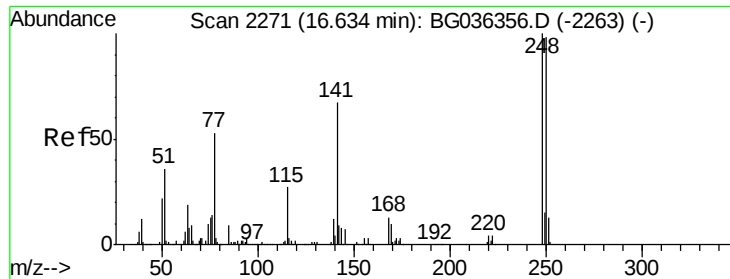


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

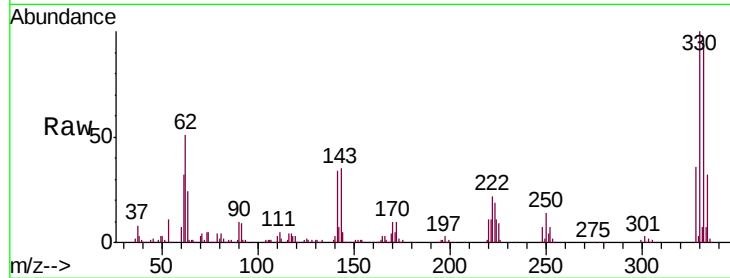




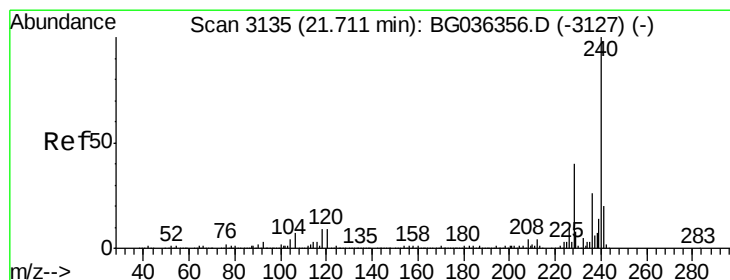
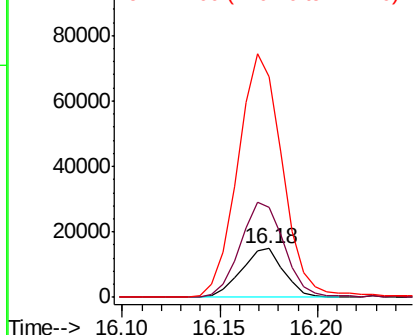
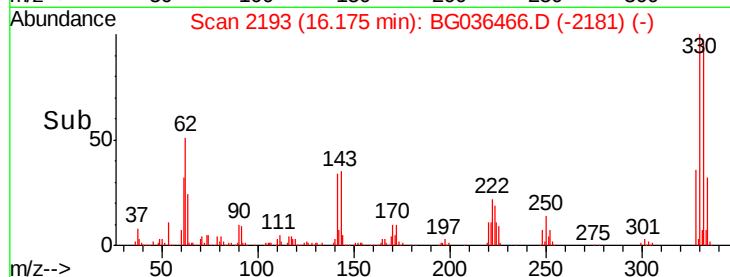
#66
 4-Bromophenyl-phenylether
 Concen: 4.492 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG036466.D
 Acq: 28 Aug 2018 20:17

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-082718

Tgt Ion:248 Resp: 22623
 Ion Ratio Lower Upper
 248 100
 250 186.9 78.1 117.1#
 141 455.8 53.7 80.5#

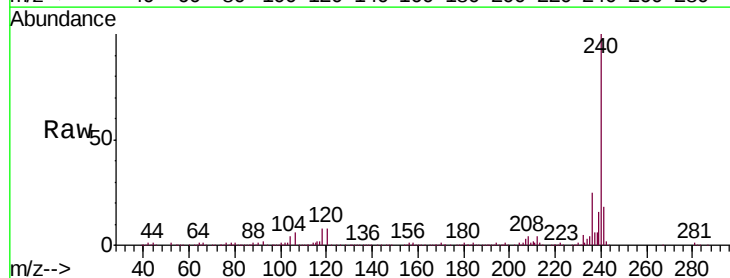


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

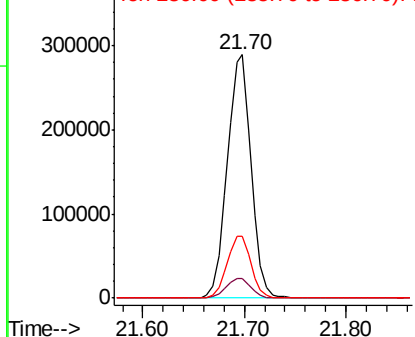
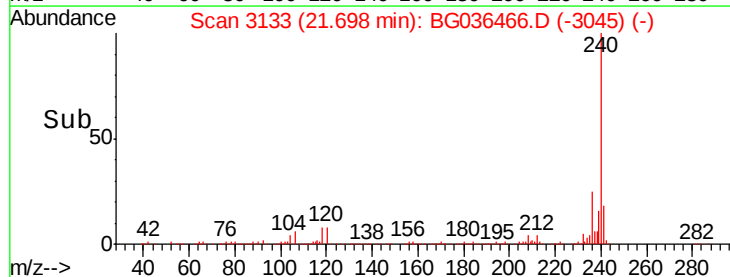


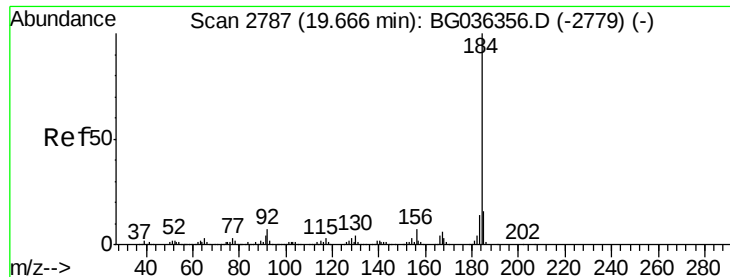
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG036466.D
 Acq: 28 Aug 2018 20:17

Tgt Ion:240 Resp: 468530
 Ion Ratio Lower Upper
 240 100
 120 8.0 6.9 10.3
 236 25.4 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





#76

Benzidine

Concen: 2.388 ng

RT: 20.04 min Scan# 2851

Delta R.T. 0.38 min

Lab File: BG036466.D

Acq: 28 Aug 2018 20:17

Instrument :

BNA_G

ClientSampleId :

OK-02-082718

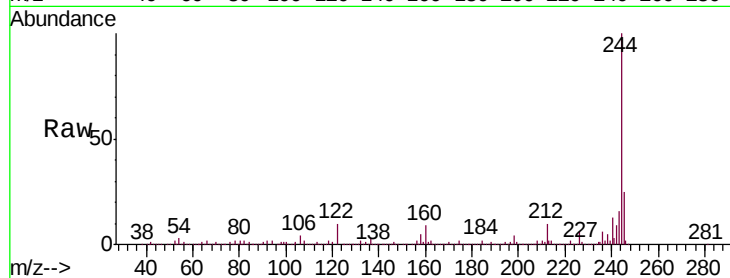
Tgt Ion:184 Resp: 35702

Ion Ratio Lower Upper

184 100

185 16.9 12.6 18.8

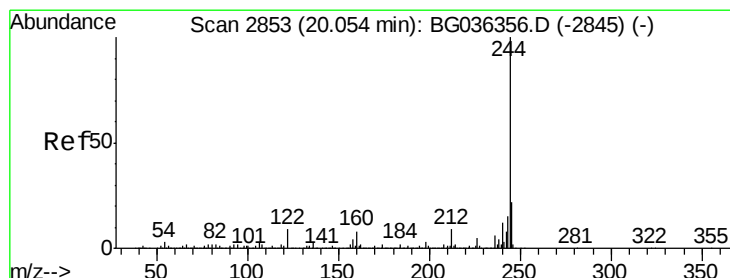
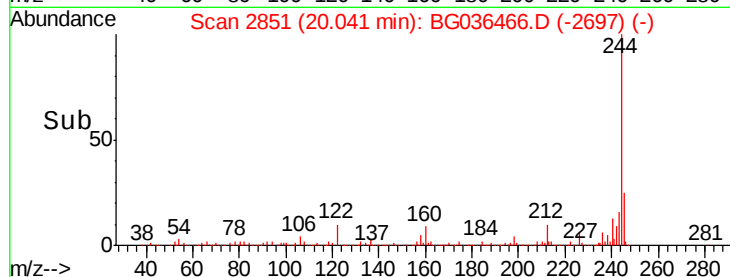
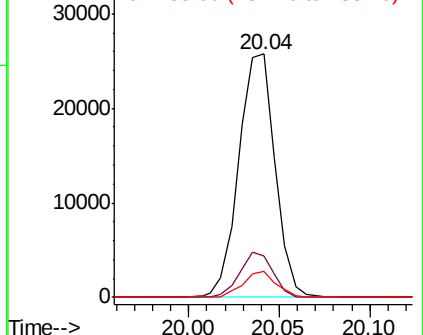
183 10.5 10.9 16.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 95.024 ng

RT: 20.04 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036466.D

Acq: 28 Aug 2018 20:17

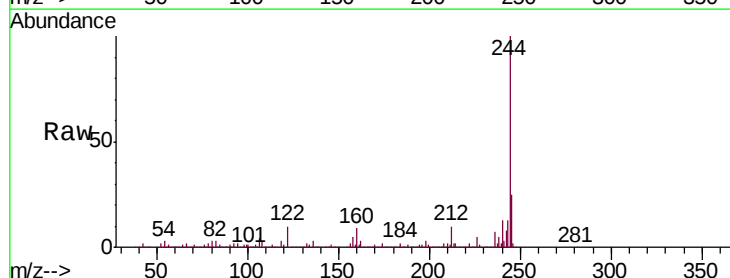
Tgt Ion:244 Resp: 1904792

Ion Ratio Lower Upper

244 100

212 9.6 7.0 10.6

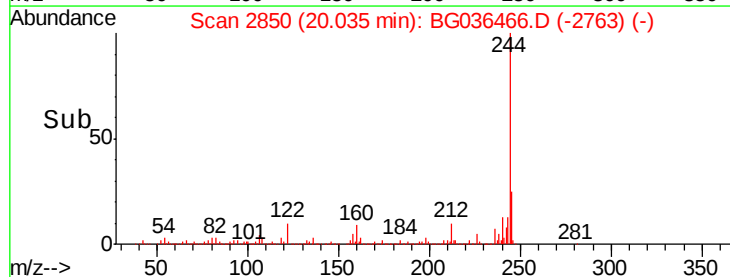
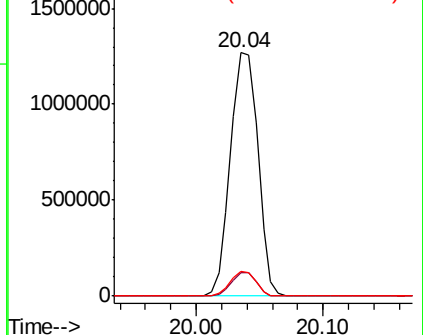
122 10.2 7.1 10.7

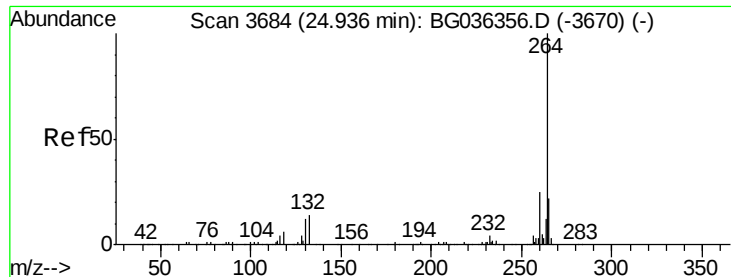


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.91 min Scan# 3680
Delta R.T. -0.02 min
Lab File: BG036466.D
Acq: 28 Aug 2018 20:17

Instrument :
BNA_G
ClientSampleId :
OK-02-082718

Tgt Ion: 264 Resp: 467890
Ion Ratio Lower Upper
264 100
260 25.3 19.6 29.4
265 22.8 17.4 26.0

