

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG083018\
 Data File : BG036488.D
 Acq On : 30 Aug 2018 21:26
 Operator : JU/SJ
 Sample : J4663-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 6722AA

Quant Time: Aug 31 01:16:29 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

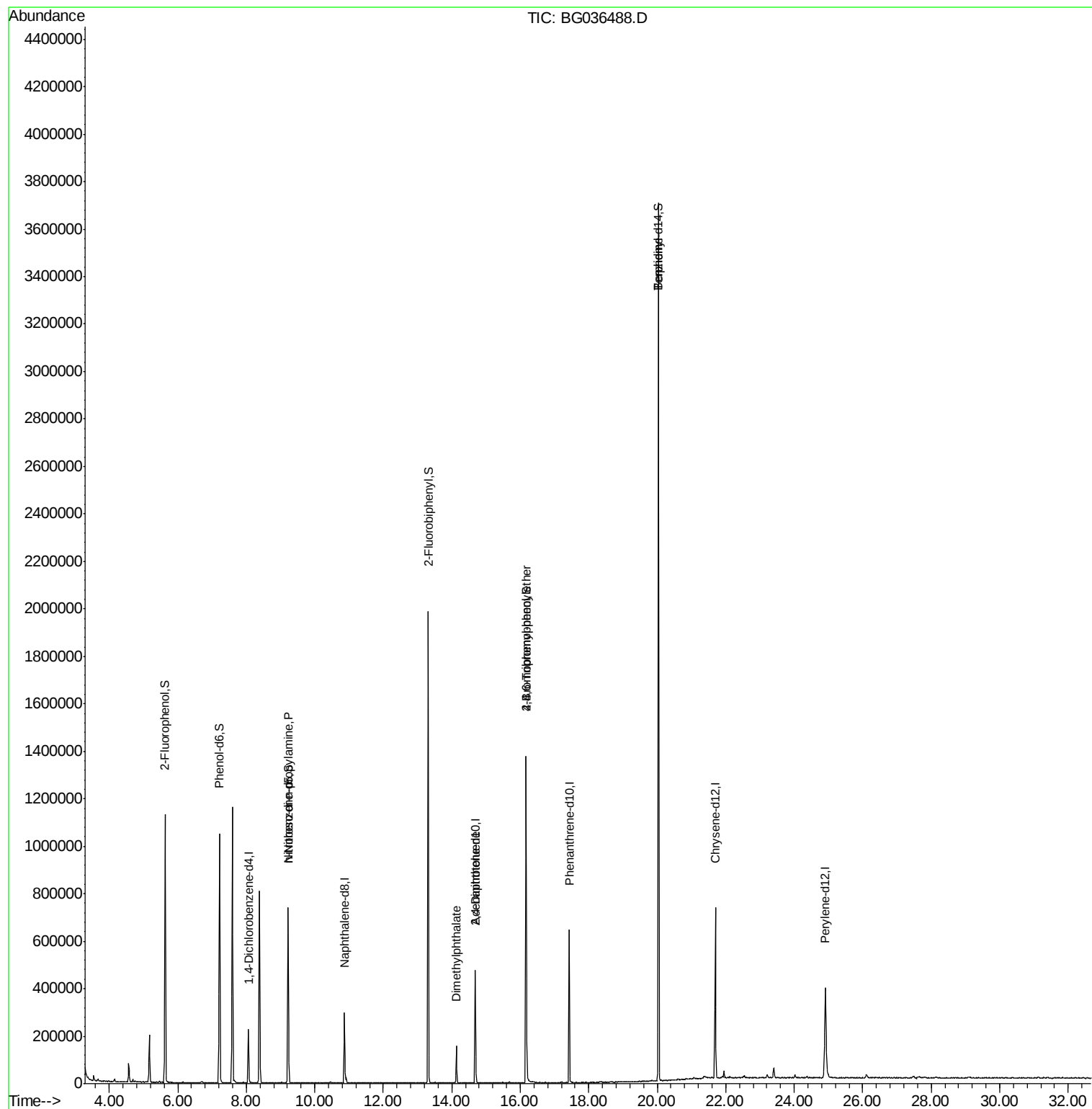
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62638	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	251170	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	159548	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	413911	20.00	ng	0.00
75) Chrysene-d12	21.69	240	450307	20.00	ng	-0.02
86) Perylene-d12	24.91	264	441295	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	455910	115.46	ng	0.00
7) Phenol-d6	7.22	99	585086	103.49	ng	0.00
23) Nitrobenzene-d5	9.22	82	428258	92.51	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	254886	133.89	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1008996	90.30	ng	-0.02
78) Terphenyl-d14	20.04	244	1691201	87.78	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	57118	13.518	ng	# 73
49) Dimethylphthalate	14.13	163	101717	7.808	ng	# 99
56) 2,4-Dinitrotoluene	14.68	165	20267	5.801	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	17834	3.680	ng	# 1
76) Benzidine	20.04	184	30313	2.110	ng	# 94

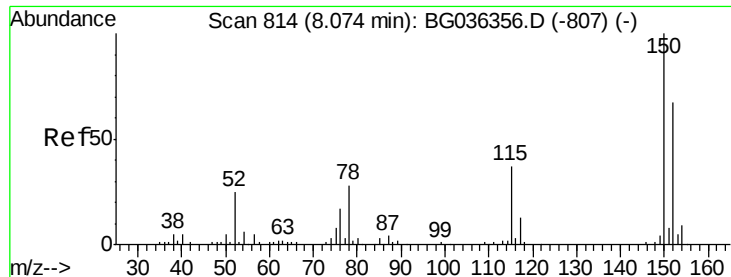
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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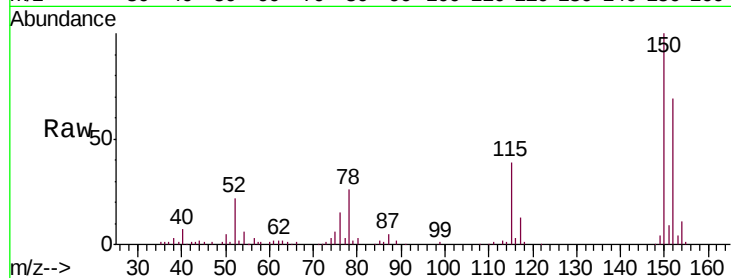


#1

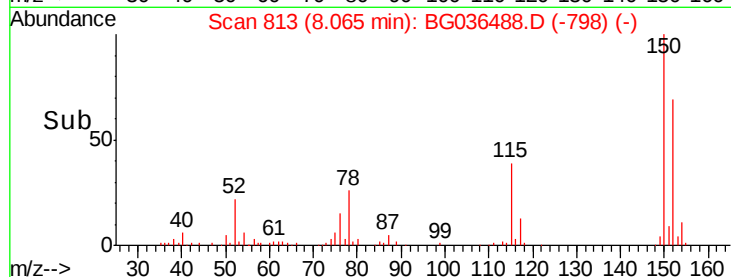
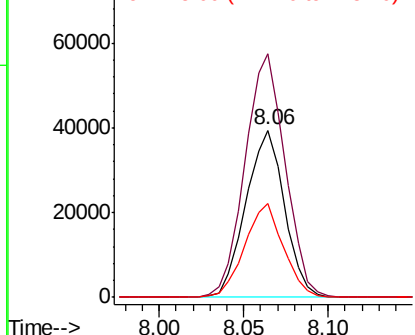
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036488.D
Acq: 30 Aug 2018 21:26

Instrument :
BNA_G
ClientSampleId :
6722AA

Tgt Ion:152 Resp: 62638
Ion Ratio Lower Upper
152 100
150 145.9 119.5 179.3
115 56.5 44.5 66.7



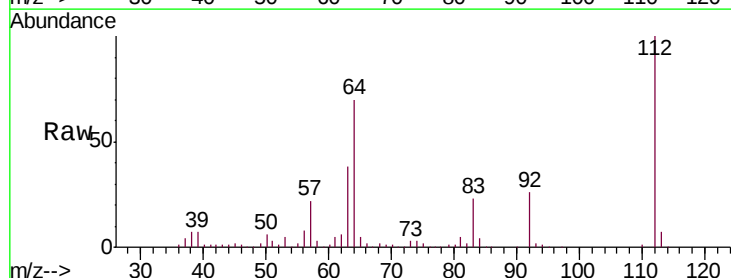
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



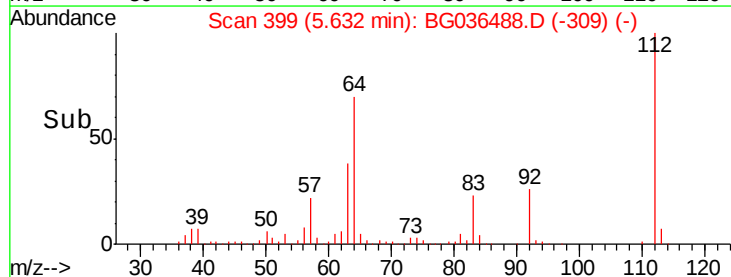
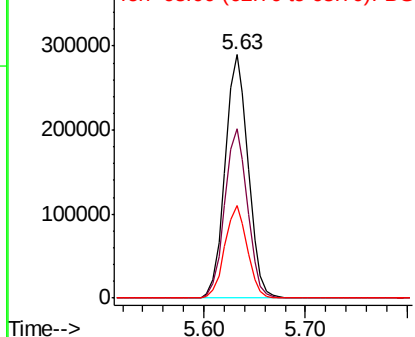
#5

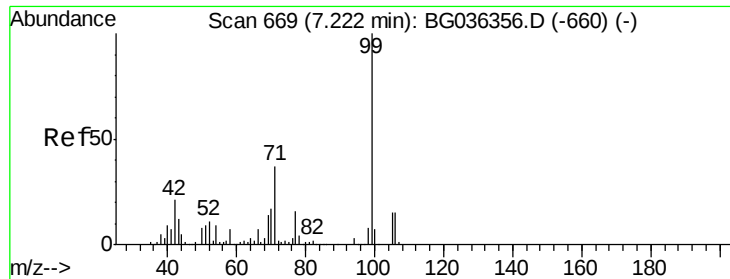
2-Fluorophenol
Concen: 115.458 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036488.D
Acq: 30 Aug 2018 21:26

Tgt Ion:112 Resp: 455910
Ion Ratio Lower Upper
112 100
64 69.8 57.2 85.8
63 37.9 30.8 46.2



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





#7

Phenol-d6

Concen: 103.490 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036488.D

Acq: 30 Aug 2018 21:26

Instrument :

BNA_G

ClientSampleId :

6722AA

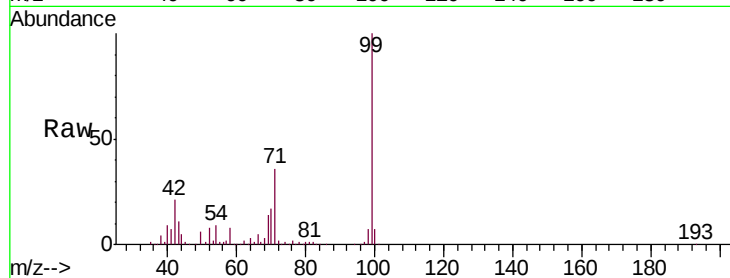
Tgt Ion: 99 Resp: 585086

Ion Ratio Lower Upper

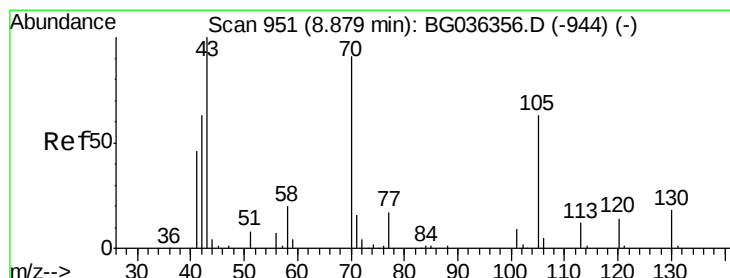
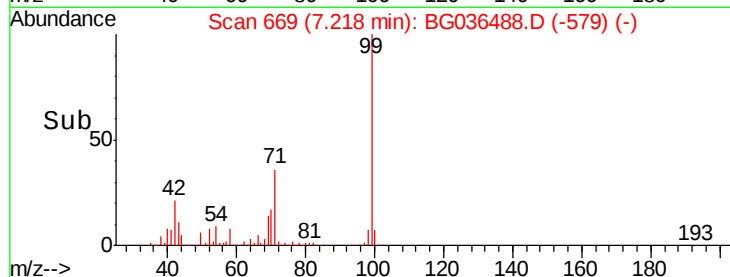
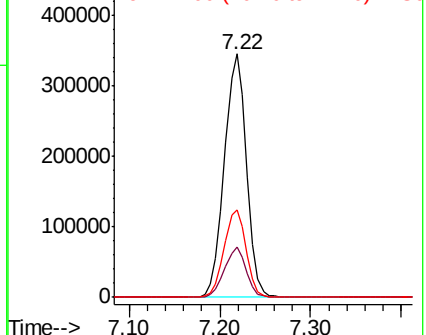
99 100

42 20.8 16.5 24.7

71 36.2 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: 13.518 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG036488.D

Acq: 30 Aug 2018 21:26

Tgt Ion: 70 Resp: 57118

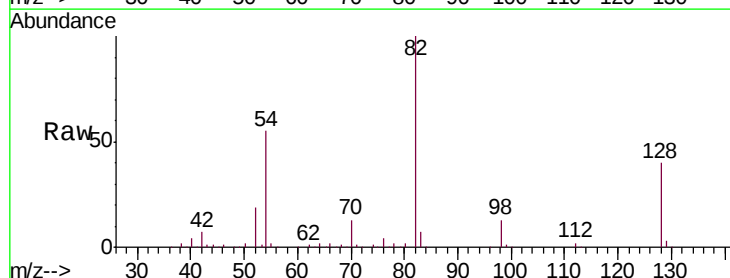
Ion Ratio Lower Upper

70 100

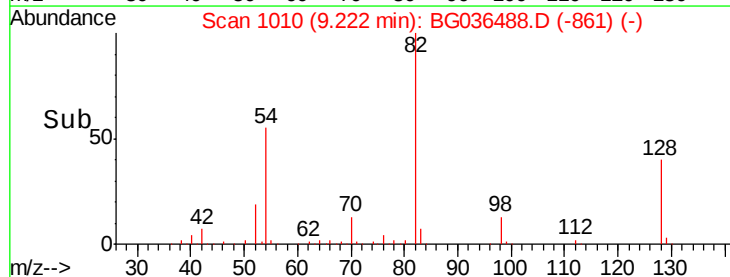
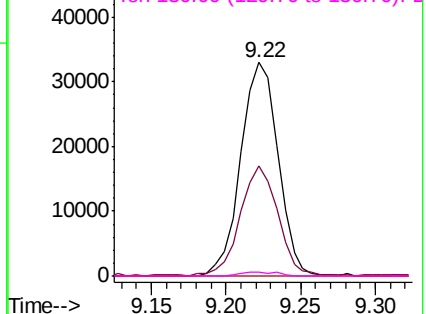
42 51.3 56.2 84.4#

101 0.0 7.8 11.6#

130 2.0 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

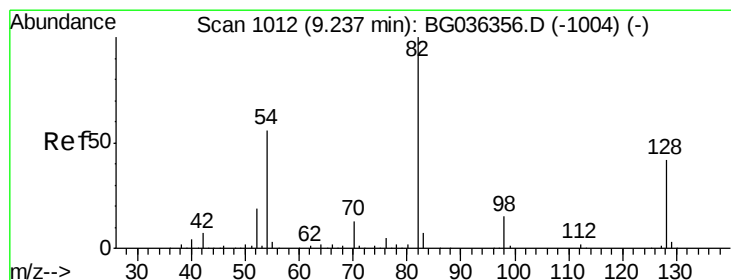
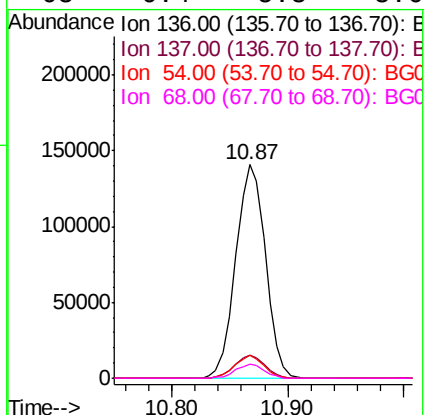
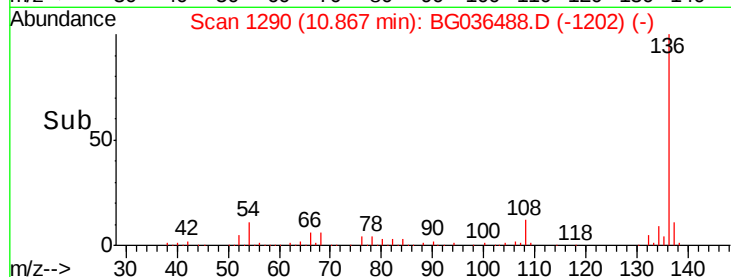
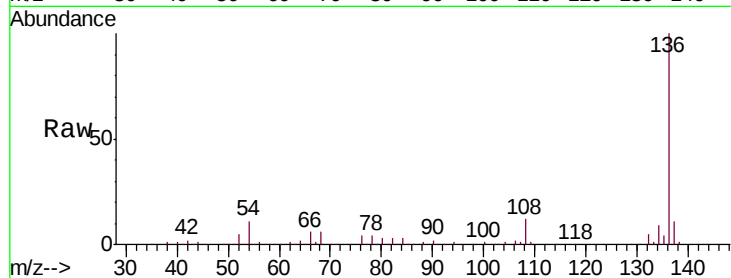




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG036488.D
Acq: 30 Aug 2018 21:26

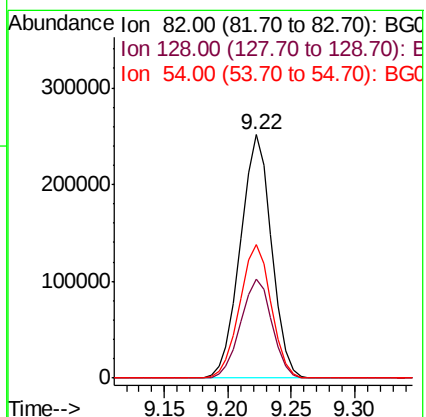
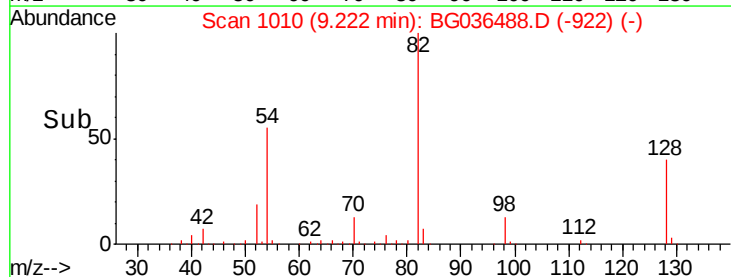
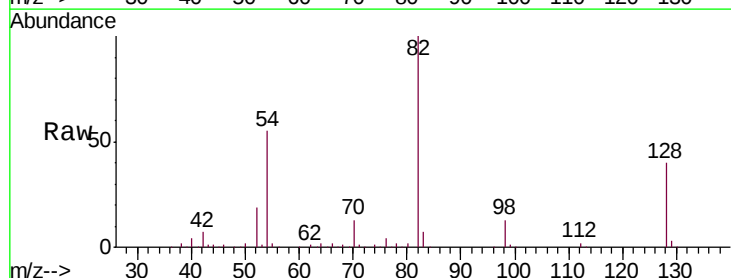
Instrument :
BNA_G
ClientSampleId :
6722AA

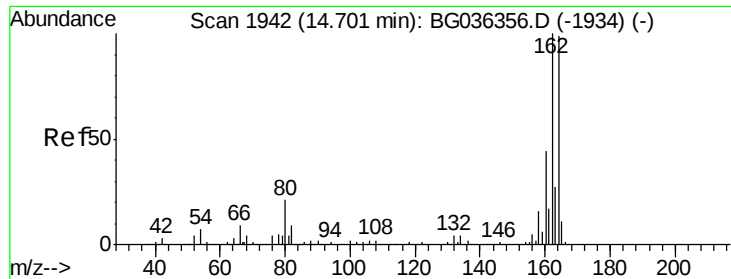
Tgt Ion:	136	Resp:	251170
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	10.5	9.2	13.8
68	6.4	5.8	8.6



#23
Nitrobenzene-d5
Concen: 92.511 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG036488.D
Acq: 30 Aug 2018 21:26

Tgt Ion:	82	Resp:	428258
Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.3	49.9
54	54.7	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1940

Delta R.T. -0.02 min

Lab File: BG036488.D

Acq: 30 Aug 2018 21:26

Instrument :

BNA_G

ClientSampleId :

6722AA

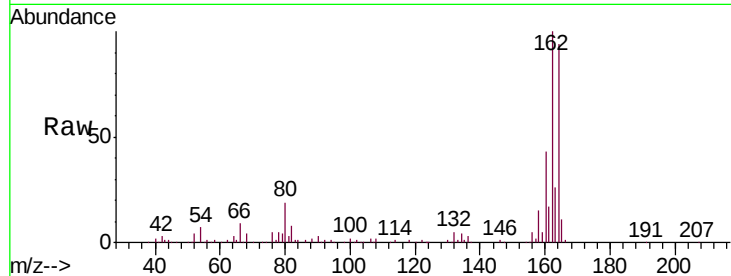
Tgt Ion:164 Resp: 159548

Ion Ratio Lower Upper

164 100

162 105.9 80.7 121.1

160 45.8 35.3 52.9

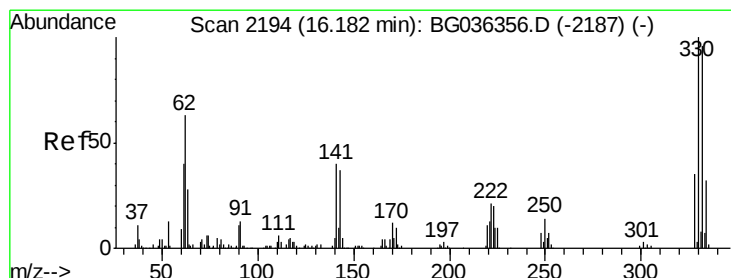
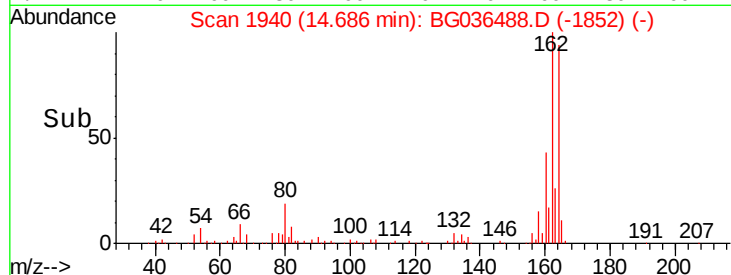
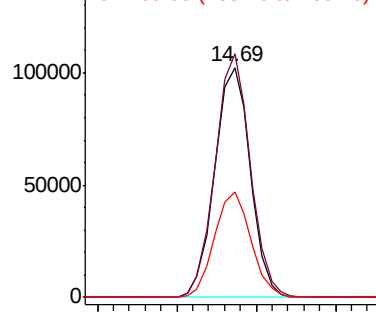


Abundance

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: 133.885 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG036488.D

Acq: 30 Aug 2018 21:26

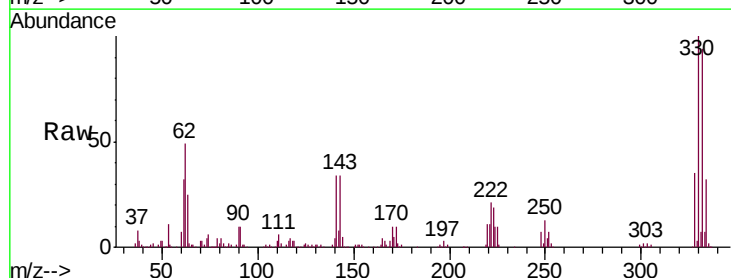
Tgt Ion:330 Resp: 254886

Ion Ratio Lower Upper

330 100

332 96.7 75.4 113.2

141 37.7 30.7 46.1

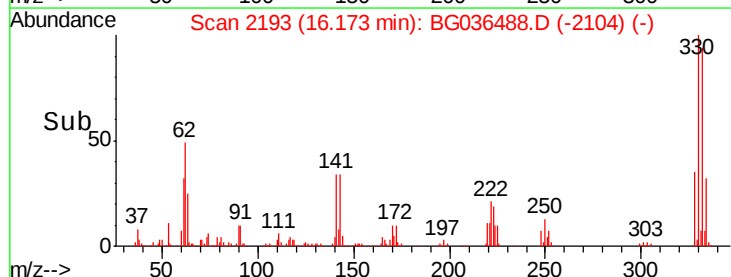
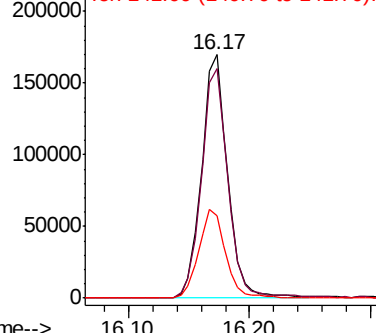


Abundance

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

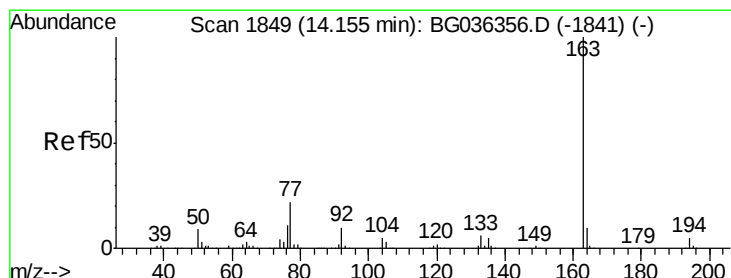
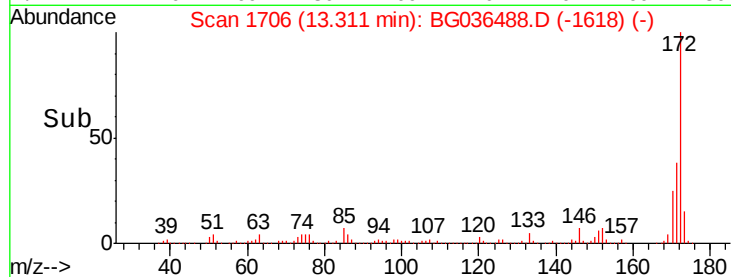
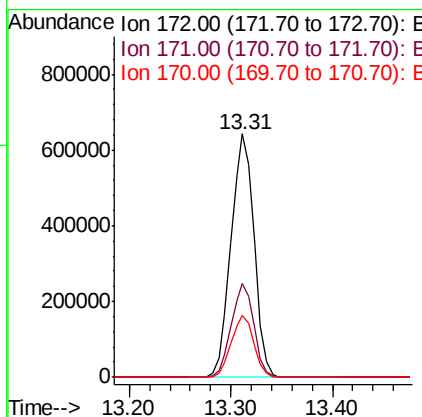
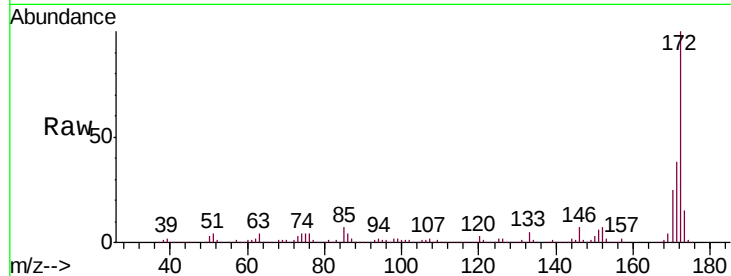




#44
2-Fluorobiphenyl
Concen: 90.297 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG036488.D
Acq: 30 Aug 2018 21:26

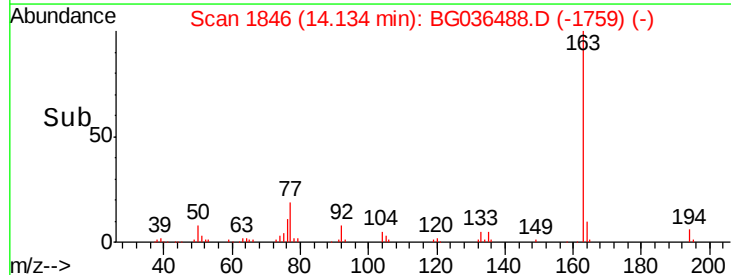
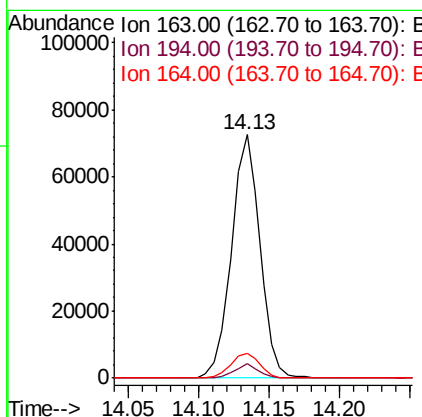
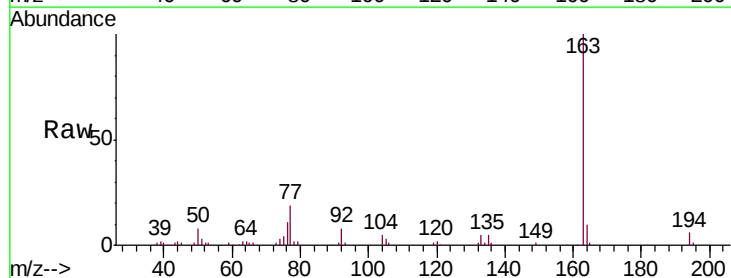
Instrument :
BNA_G
ClientSampleId :
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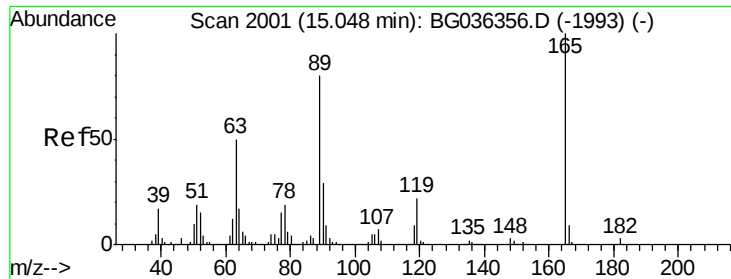
Tgt Ion:172 Resp: 1008996
Ion Ratio Lower Upper
172 100
171 38.4 31.3 46.9
170 25.2 21.0 31.6



#49
Dimethylphthalate
Concen: 7.808 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG036488.D
Acq: 30 Aug 2018 21:26

Tgt Ion:163 Resp: 101717
Ion Ratio Lower Upper
163 100
194 5.7 4.0 6.0
164 10.0 8.1 12.1

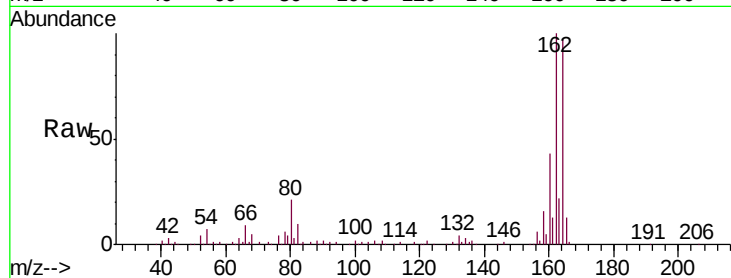




#56
 2,4-Dinitrotoluene
 Concen: 5.801 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG036488.D
 Acq: 30 Aug 2018 21:26

Instrument :
 BNA_G
 ClientSampleId :
 6722AA

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.1	60.1#
89	1.5	63.7	95.5#
182	0.0	2.5	3.7#



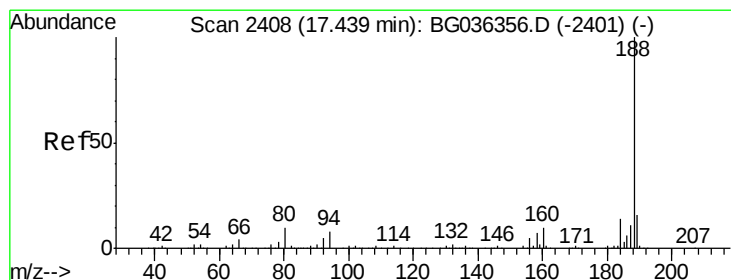
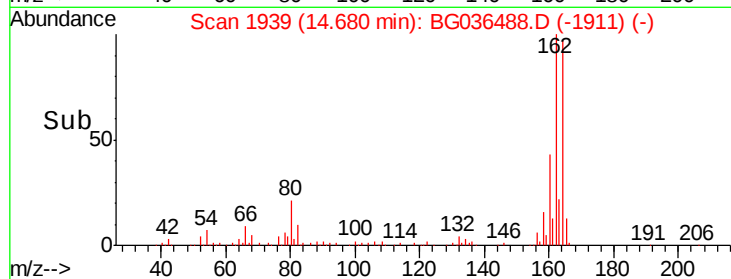
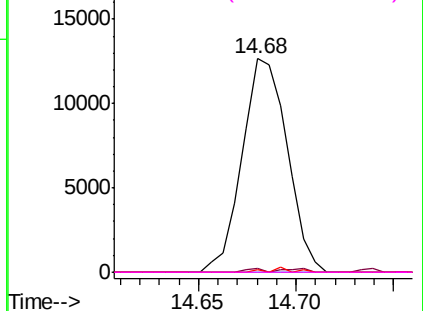
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

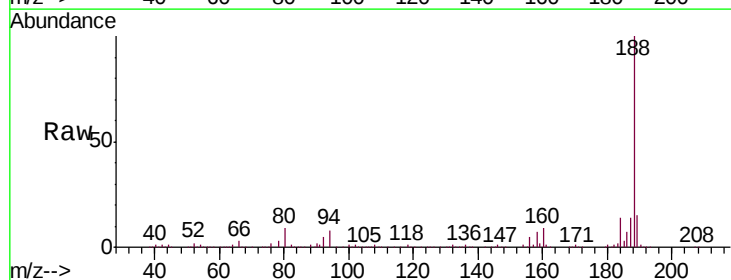
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036488.D
 Acq: 30 Aug 2018 21:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	8.6	8.1	12.1

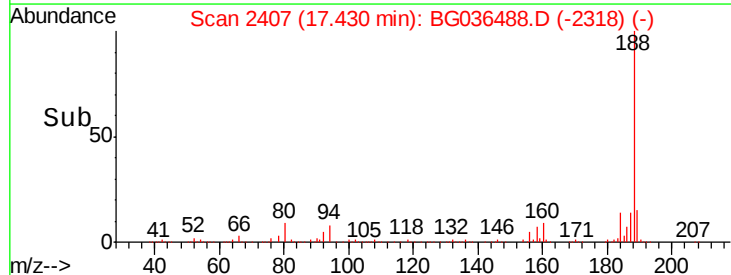
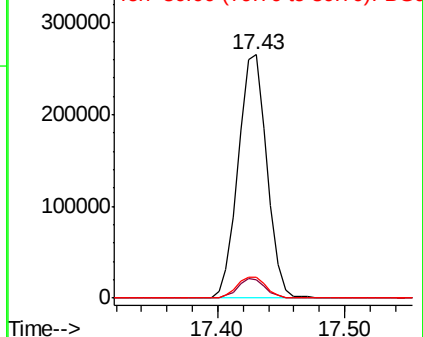


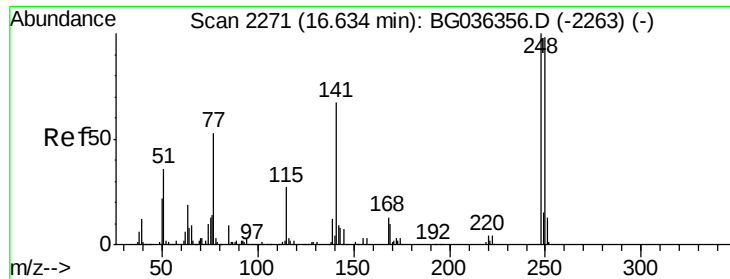
Abundance

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

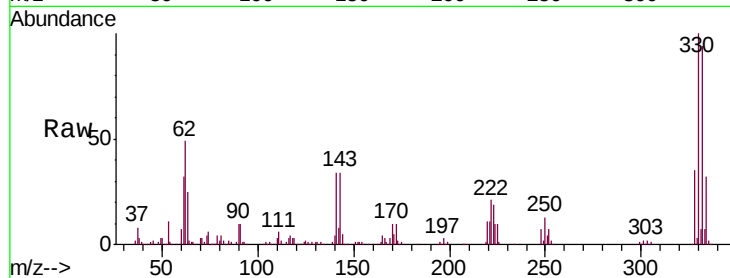




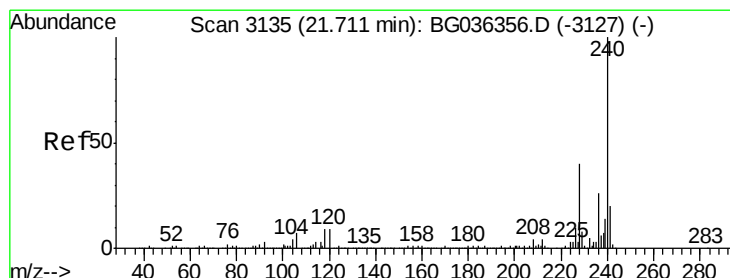
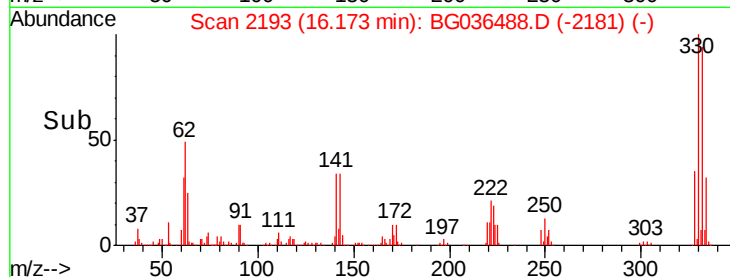
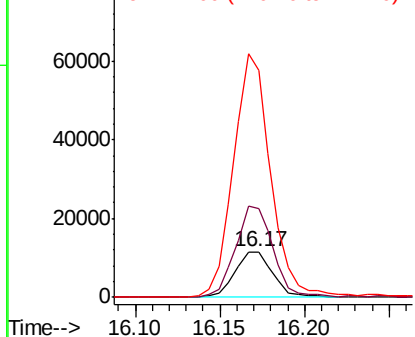
#66
4-Bromophenyl-phenylether
Concen: 3.680 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG036488.D
Acq: 30 Aug 2018 21:26

Instrument :
BNA_G
ClientSampleId :
6722AA

Tgt Ion:248 Resp: 17834
Ion Ratio Lower Upper
248 100
250 192.9 78.1 117.1#
141 497.1 53.7 80.5#

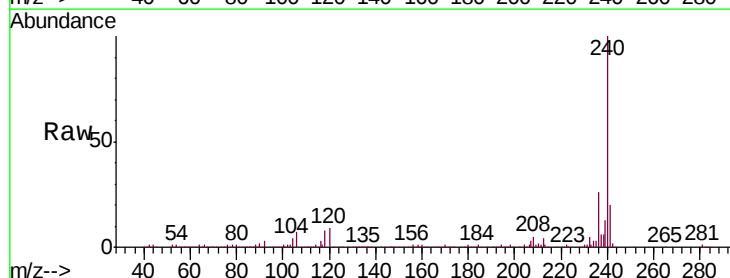


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

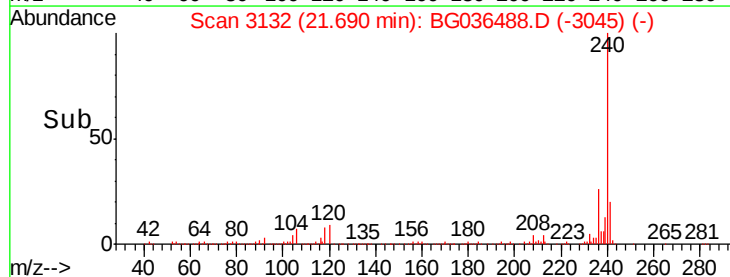
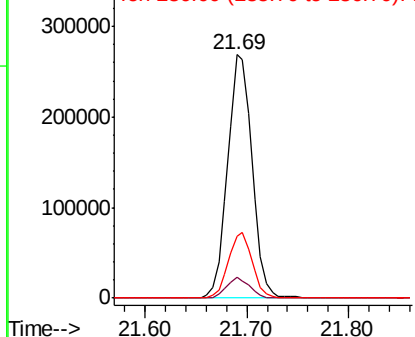


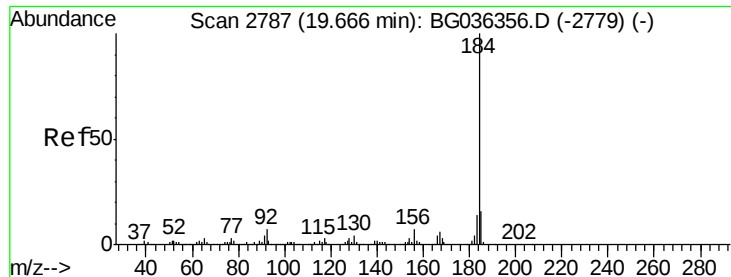
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG036488.D
Acq: 30 Aug 2018 21:26

Tgt Ion:240 Resp: 450307
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 25.5 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

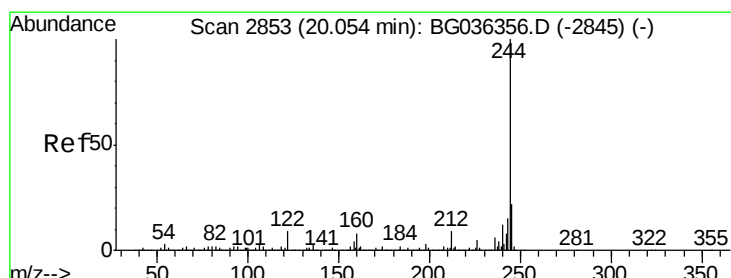
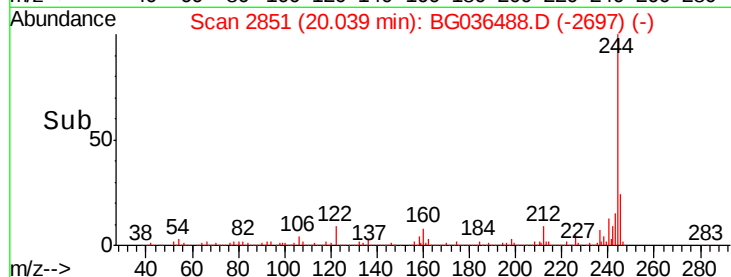
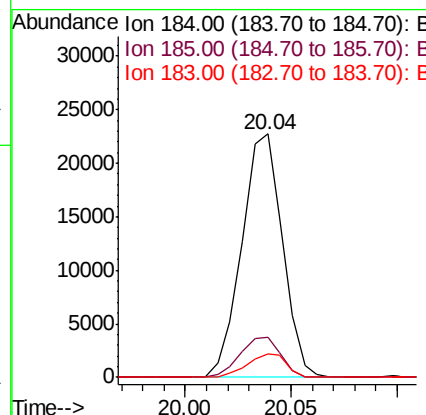
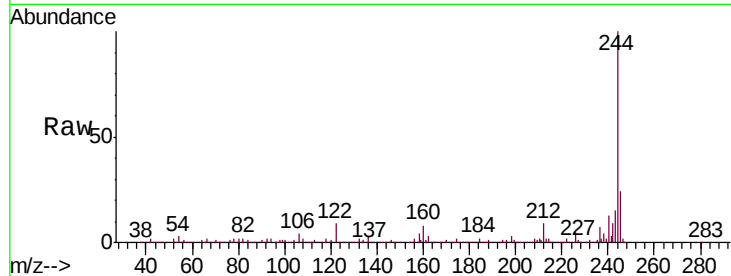




#76
Benzidine
Concen: 2.110 ng
RT: 20.04 min Scan# 2851
Delta R.T. 0.37 min
Lab File: BG036488.D
Acq: 30 Aug 2018 21:26

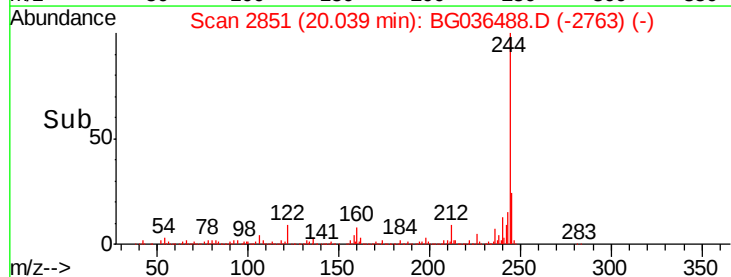
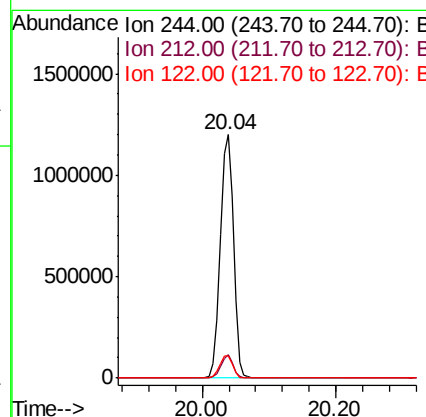
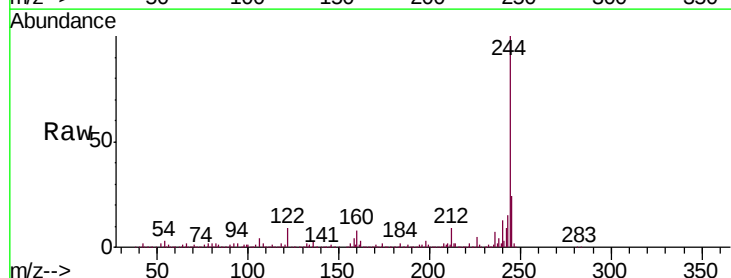
Instrument :
BNA_G
ClientSampleId :
6722AA

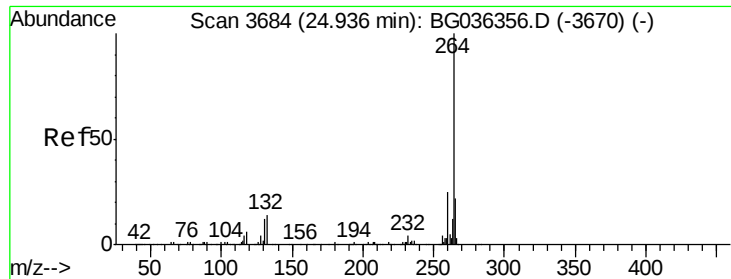
Tgt Ion:184 Resp: 30313
Ion Ratio Lower Upper
184 100
185 16.5 12.6 18.8
183 9.6 10.9 16.3#



#78
Terphenyl-d14
Concen: 87.783 ng
RT: 20.04 min Scan# 2851
Delta R.T. -0.02 min
Lab File: BG036488.D
Acq: 30 Aug 2018 21:26

Tgt Ion:244 Resp: 1691201
Ion Ratio Lower Upper
244 100
212 9.5 7.0 10.6
122 9.3 7.1 10.7

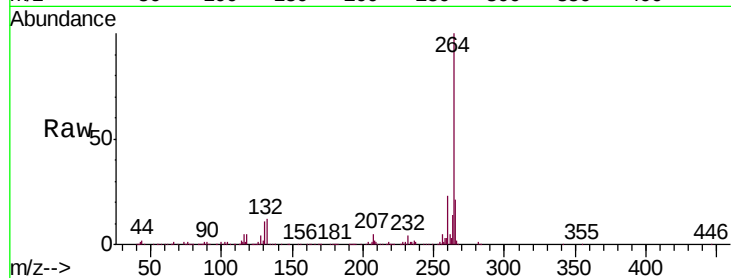




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.03 min
Lab File: BG036488.D
Acq: 30 Aug 2018 21:26

Instrument :
BNA_G
ClientSampleId :
6722AA

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	21.4	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

