

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036391.D
 Acq On : 24 Aug 2018 00:05
 Operator : JU/SJ
 Sample : J4522-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 24 03:35:07 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

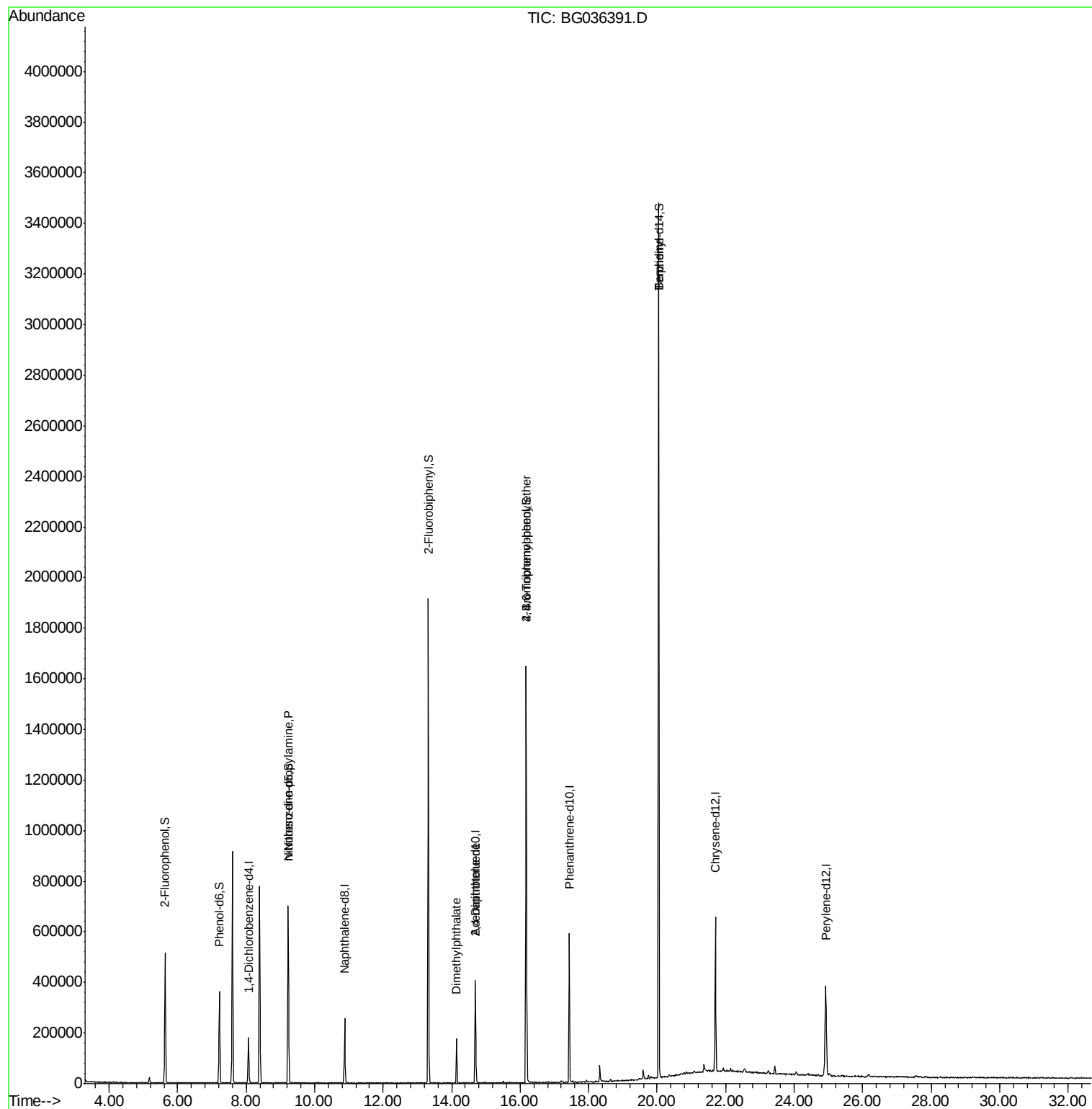
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	48353	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	209588	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	140732	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	362773	20.00	ng	0.00
75) Chrysene-d12	21.70	240	375361	20.00	ng	-0.01
86) Perylene-d12	24.92	264	388684	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	220324	72.28	ng	0.00
7) Phenol-d6	7.22	99	200750	46.00	ng	0.00
23) Nitrobenzene-d5	9.23	82	414687	107.35	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	295147	175.76	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	971601	98.58	ng	0.00
78) Terphenyl-d14	20.05	244	1611757	100.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	55873	17.130	ng	Qvalue # 69
49) Dimethylphthalate	14.14	163	119979	10.441	ng	97
56) 2,4-Dinitrotoluene	14.69	165	17997	5.840	ng	# 19
66) 4-Bromophenyl-phenylether	16.18	248	21440	5.048	ng	# 1
76) Benzidine	20.05	184	29890	2.496	ng	# 96

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

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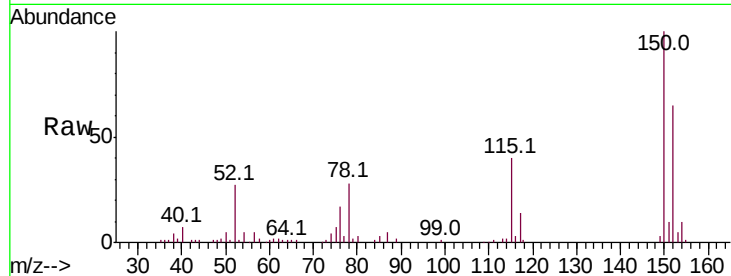


#1

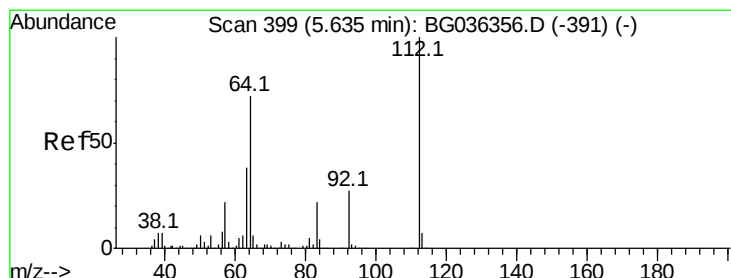
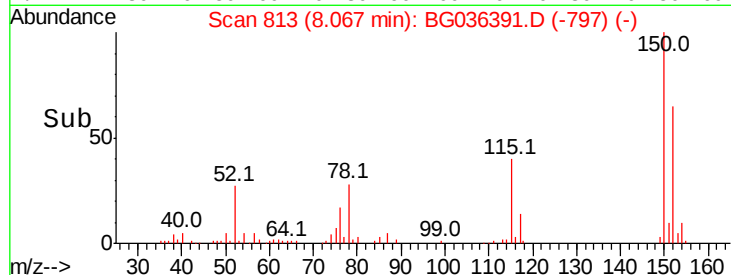
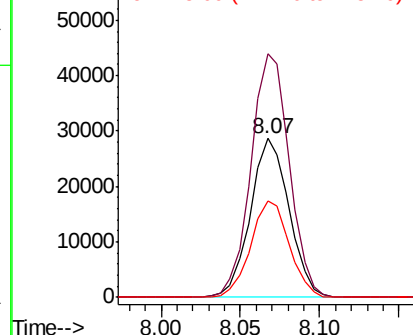
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036391.D
Acq: 24 Aug 2018 00:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 48353
Ion Ratio Lower Upper
152 100
150 153.5 119.5 179.3
115 60.9 44.5 66.7



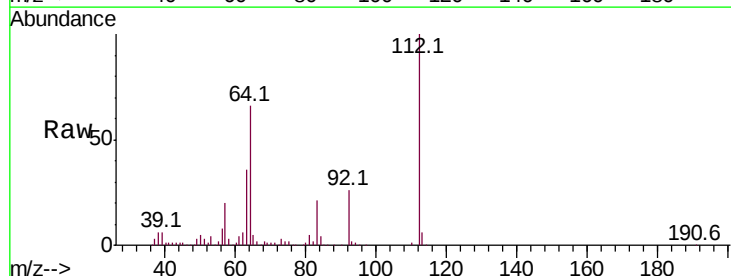
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



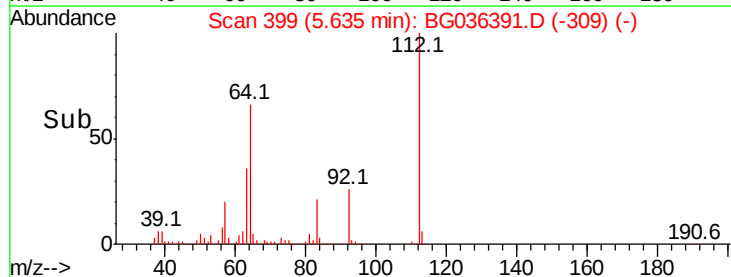
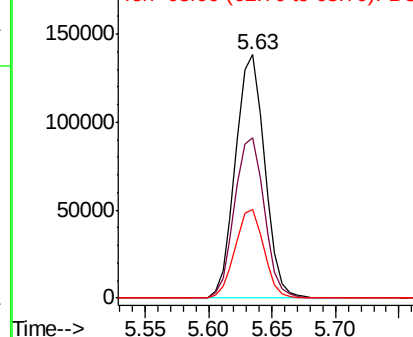
#5

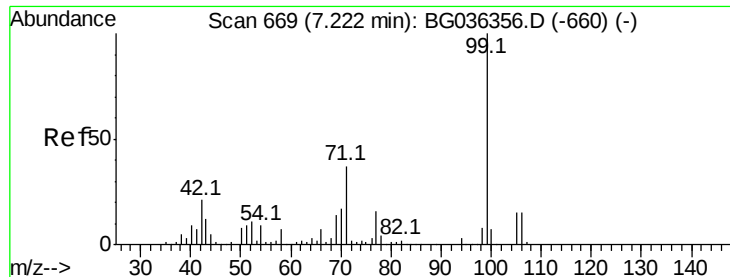
2-Fluorophenol
Concen: 72.281 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036391.D
Acq: 24 Aug 2018 00:05

Tgt Ion:112 Resp: 220324
Ion Ratio Lower Upper
112 100
64 65.7 57.2 85.8
63 36.5 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: 45.999 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036391.D

Acq: 24 Aug 2018 00:05

Instrument :

BNA_G

ClientSampleId :

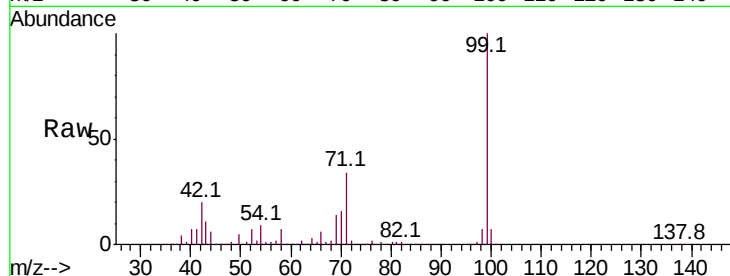
Tot Ion: 99 Resp: 200750

Ion Ratio Lower Upper

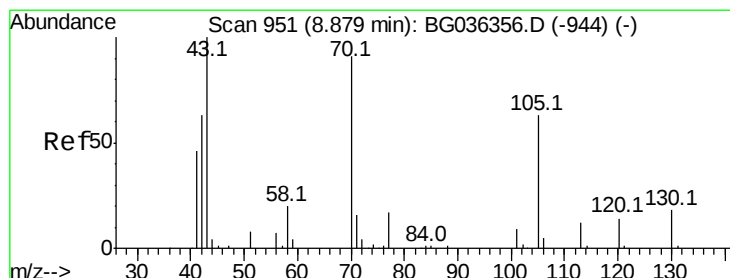
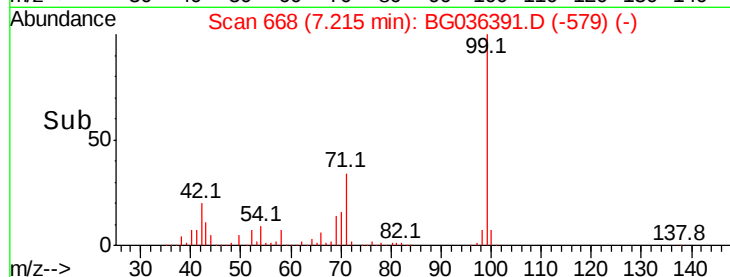
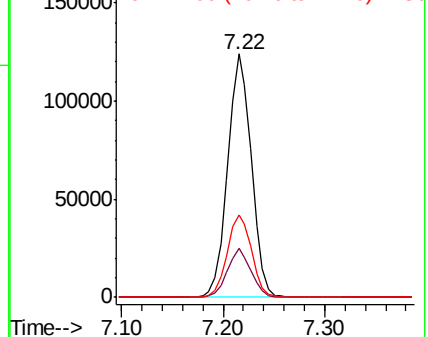
99 100

42 20.0 16.5 24.7

71 34.0 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: 17.130 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG036391.D

Acq: 24 Aug 2018 00:05

Tgt Ion: 70 Resp: 55873

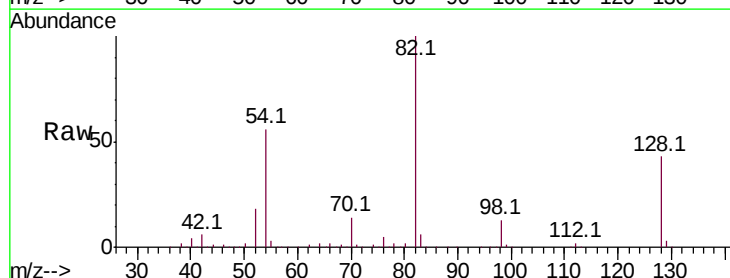
Ion Ratio Lower Upper

70 100

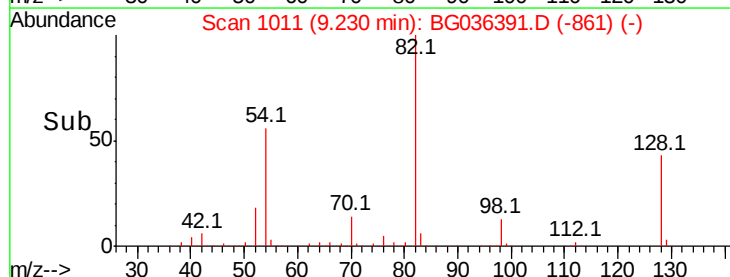
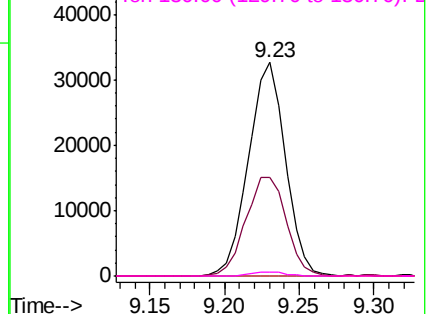
42 46.2 56.2 84.4#

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

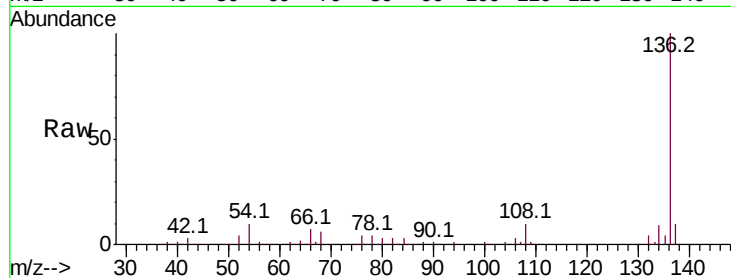




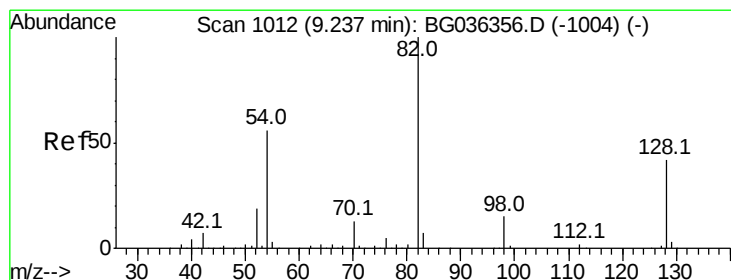
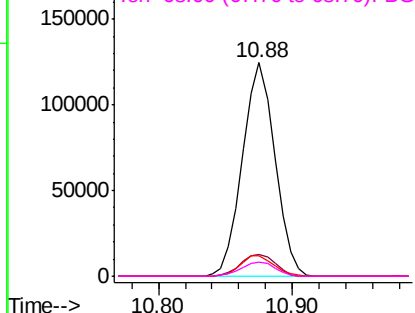
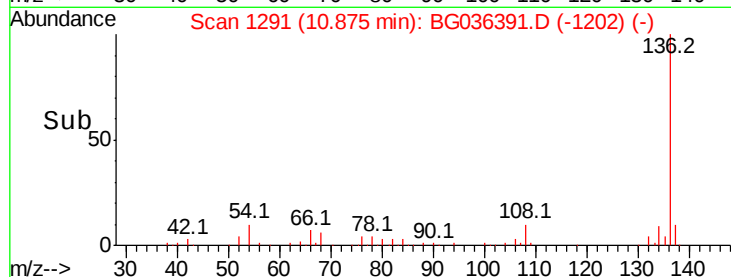
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036391.D
Acq: 24 Aug 2018 00:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	209588
Ion Ratio	Lower	Upper
136	100	
137	9.9	8.8 13.2
54	9.6	9.2 13.8
68	6.3	5.8 8.6

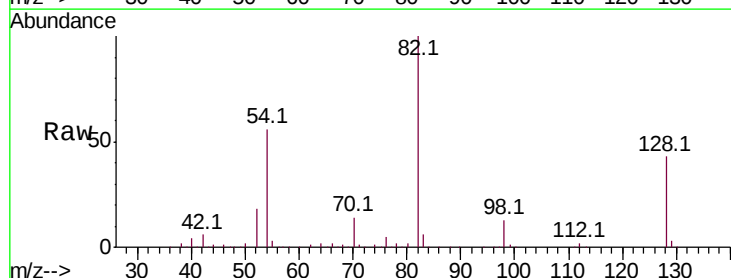


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

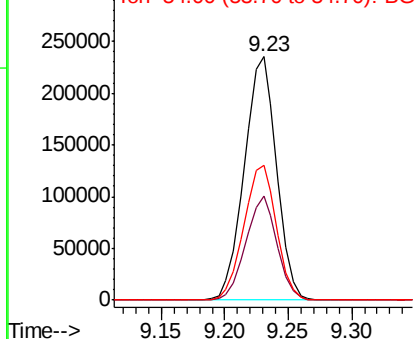
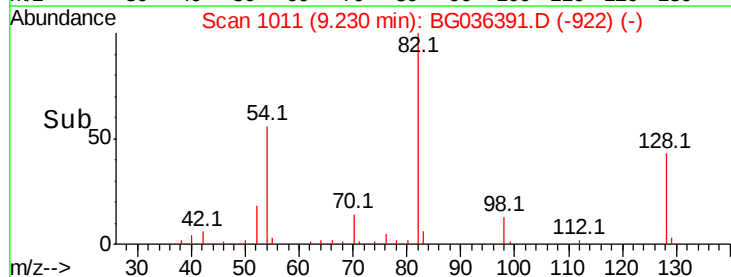


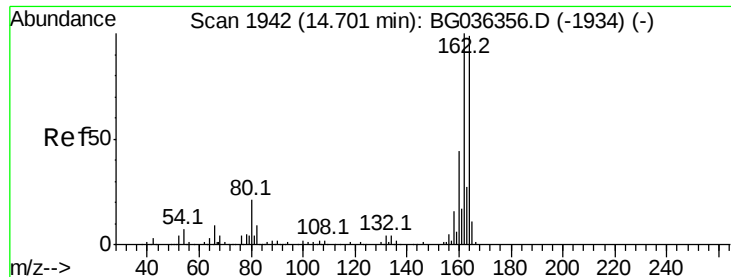
#23
Nitrobenzene-d5
Concen: 107.351 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036391.D
Acq: 24 Aug 2018 00:05

Tgt Ion: 82	Resp:	414687
Ion Ratio	Lower	Upper
82	100	
128	42.7	33.3 49.9
54	55.6	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: BG036391.D

Acq: 24 Aug 2018 00:05

Instrument :

BNA_G

ClientSampleId :

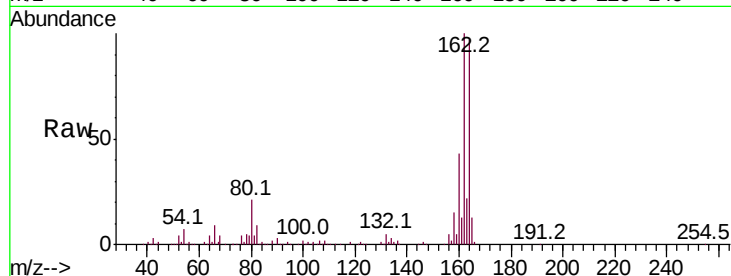
Tot Ion:164 Resp: 140732

Ion Ratio Lower Upper

164 100

162 103.1 80.7 121.1

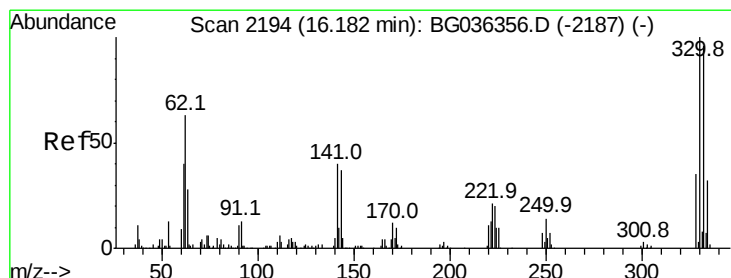
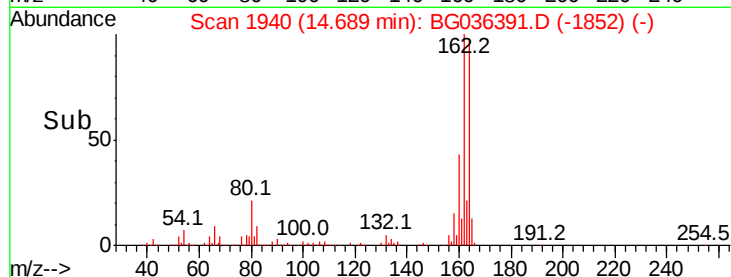
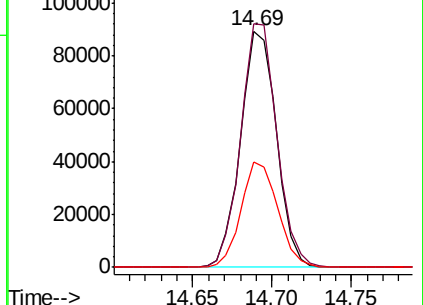
160 44.5 35.3 52.9



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: 175.761 ng

RT: 16.18 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG036391.D

Acq: 24 Aug 2018 00:05

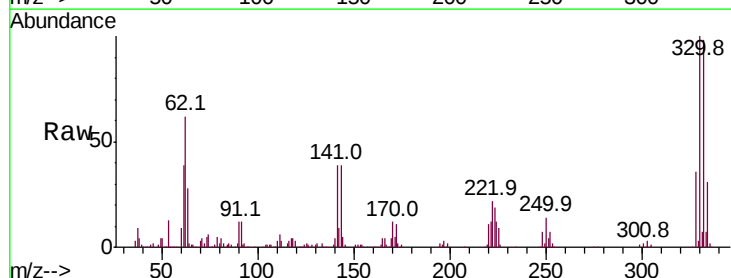
Tgt Ion:330 Resp: 295147

Ion Ratio Lower Upper

330 100

332 95.6 75.4 113.2

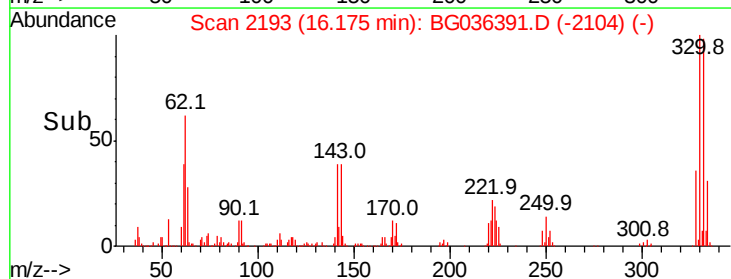
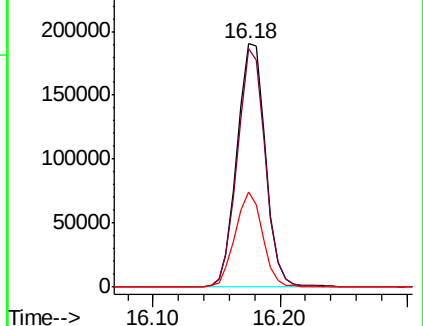
141 37.9 30.7 46.1

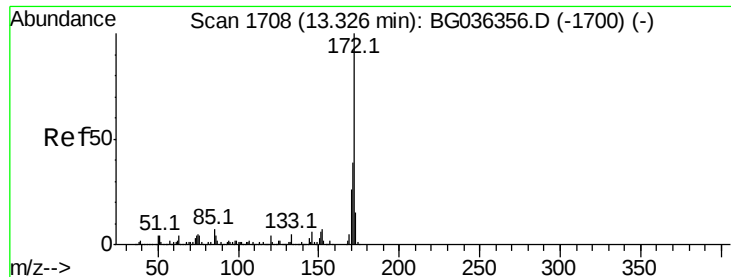


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

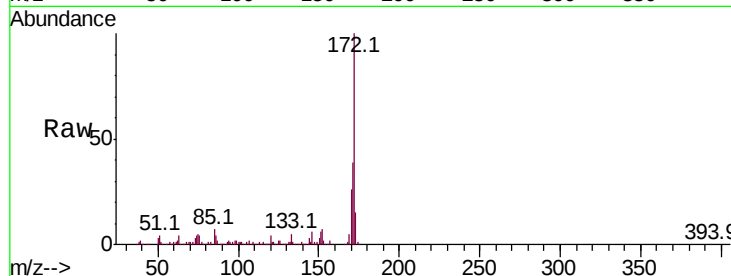




#44
2-Fluorobiphenyl
Concen: 98.575 ng
RT: 13.32 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BG036391.D
Acq: 24 Aug 2018 00:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.3	46.9
170	25.8	21.0	31.6

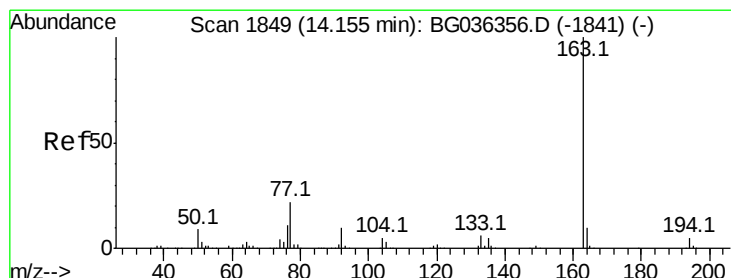
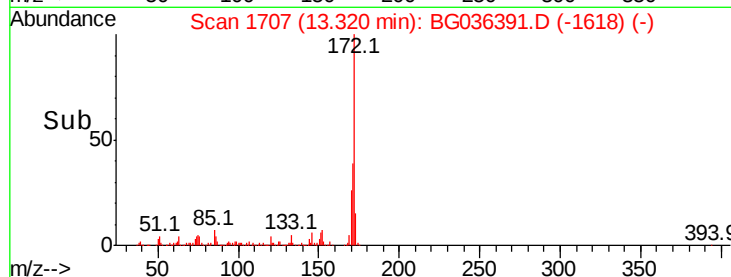
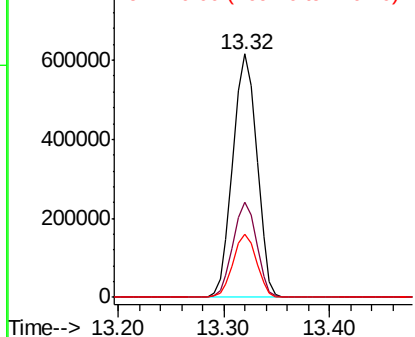


Abundance

Ion 172.00 (171.70 to 172.70): E

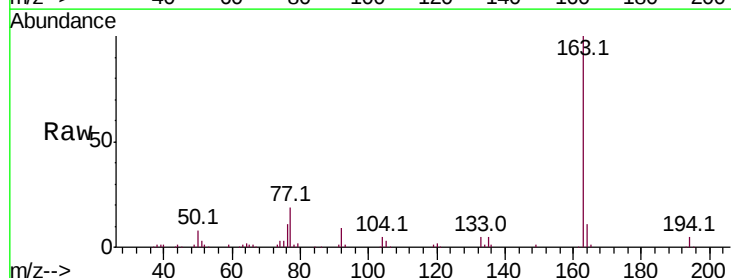
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Dimethylphthalate
Concen: 10.441 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BG036391.D
Acq: 24 Aug 2018 00:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.0	6.0
164	11.3	8.1	12.1

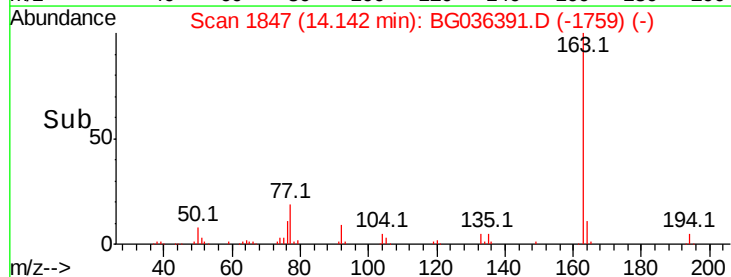
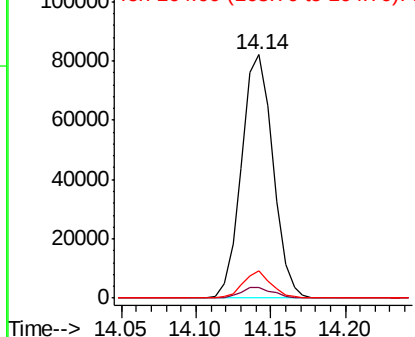


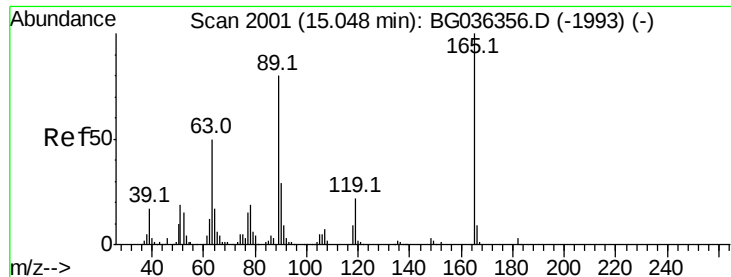
Abundance

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

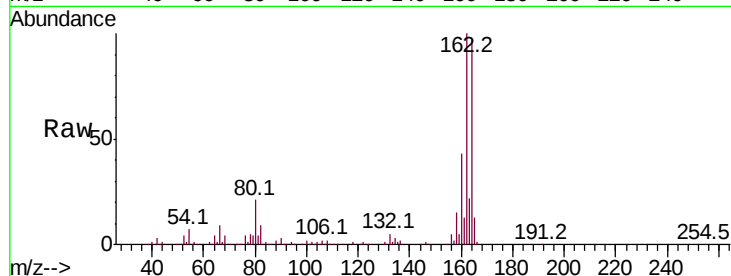




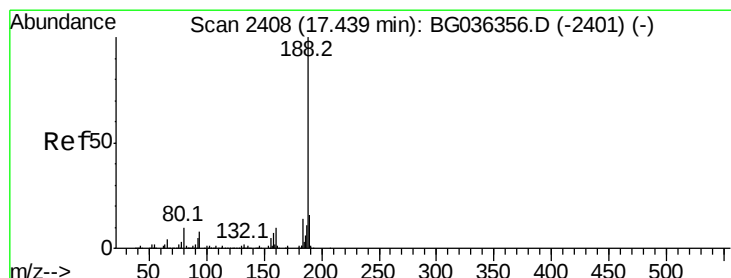
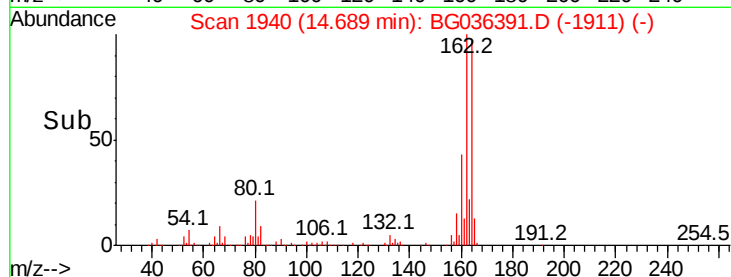
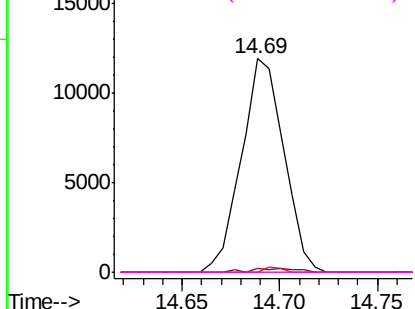
#56
2,4-Dinitrotoluene
Concen: 5.840 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG036391.D
Acq: 24 Aug 2018 00:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 17997
Ion Ratio Lower Upper
165 100
63 1.8 40.1 60.1#
89 0.0 63.7 95.5#
182 0.0 2.5 3.7#

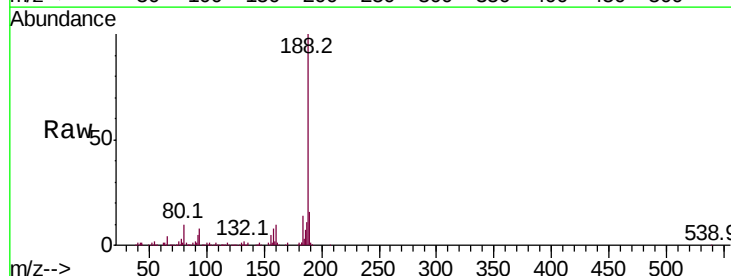


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

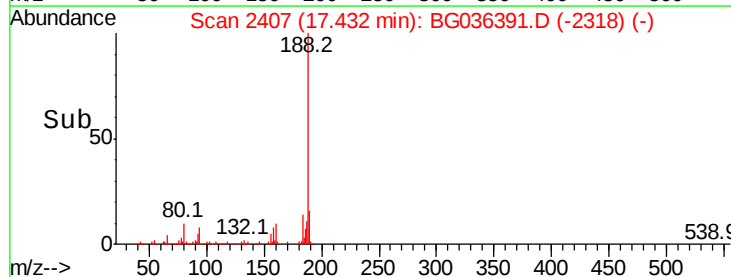
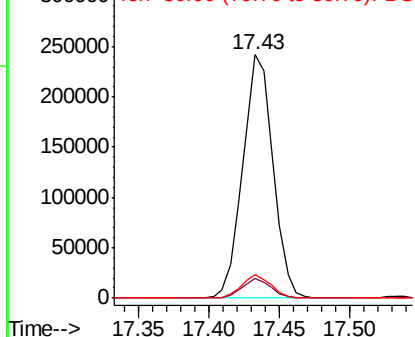


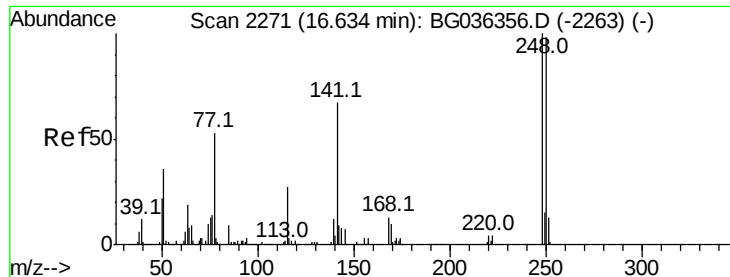
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036391.D
Acq: 24 Aug 2018 00:05

Tgt Ion:188 Resp: 362773
Ion Ratio Lower Upper
188 100
94 8.2 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

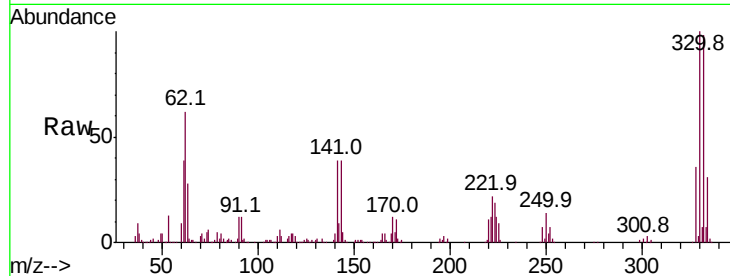




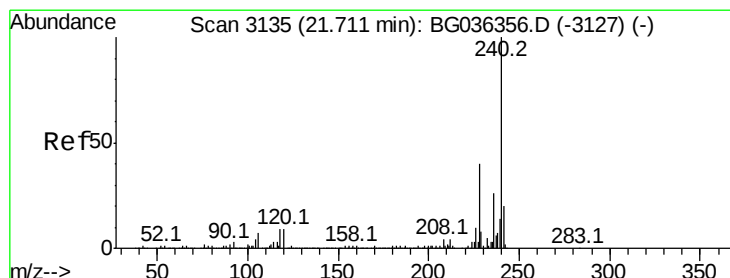
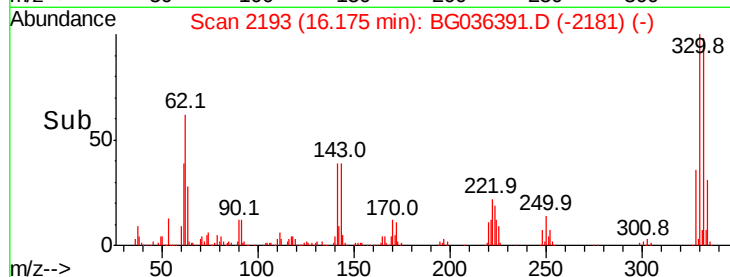
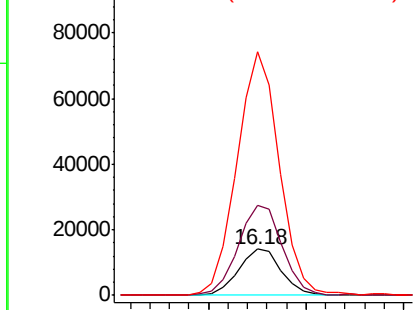
#66
4-Bromophenyl-phenylether
Concen: 5.048 ng
RT: 16.18 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG036391.D
Acq: 24 Aug 2018 00:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 21440
Ion Ratio Lower Upper
248 100
250 196.7 78.1 117.1#
141 530.6 53.7 80.5#

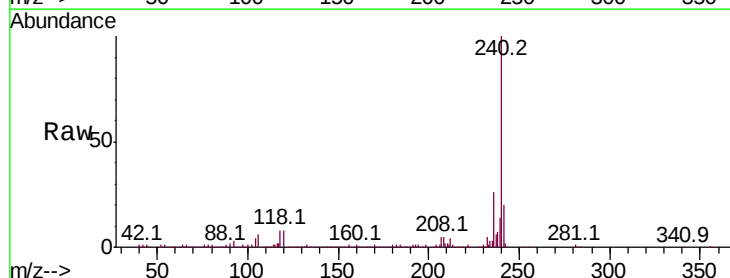


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

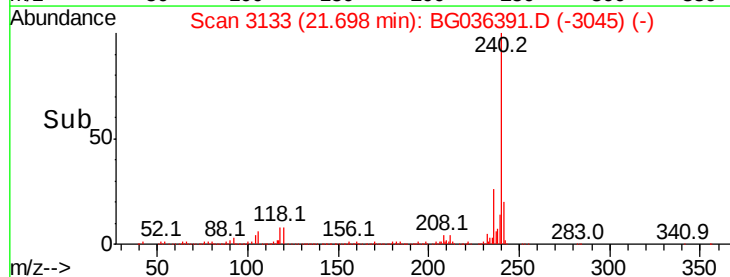
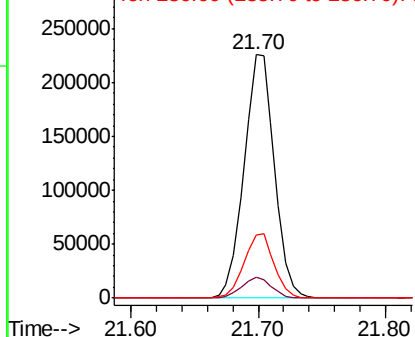


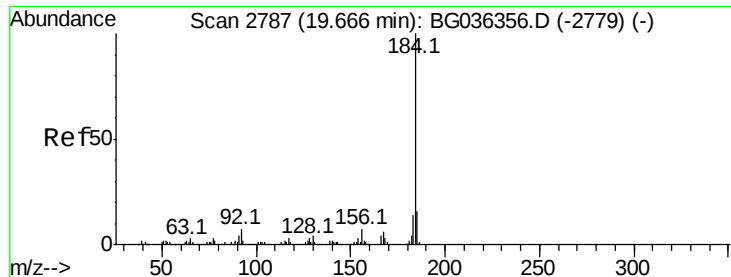
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036391.D
Acq: 24 Aug 2018 00:05

Tgt Ion:240 Resp: 375361
Ion Ratio Lower Upper
240 100
120 8.5 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

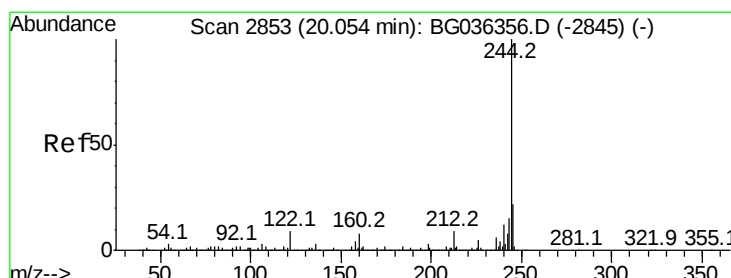
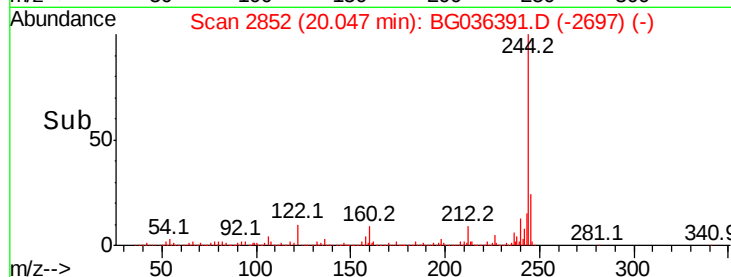
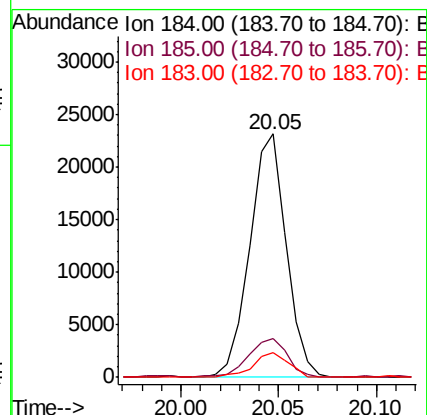
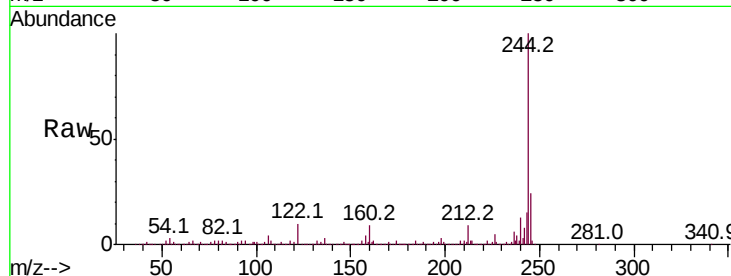




#76
Benzidine
Concen: 2.496 ng
RT: 20.05 min Scan# 2852
Delta R.T. 0.38 min
Lab File: BG036391.D
Acq: 24 Aug 2018 00:05

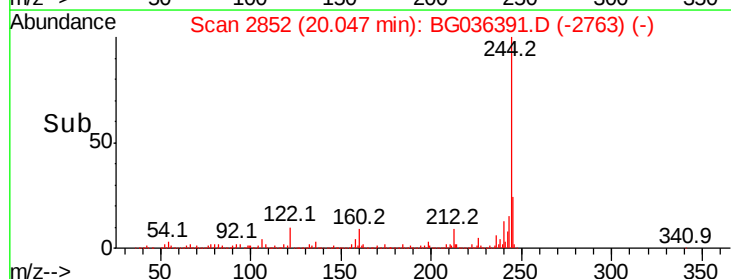
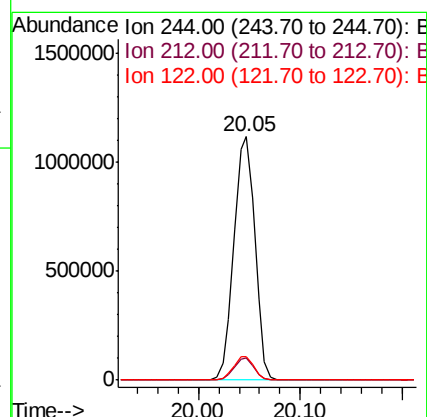
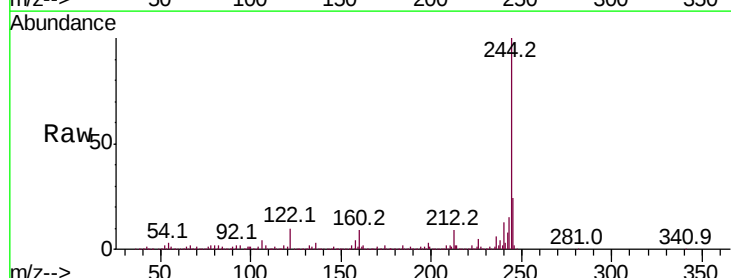
Instrument :
BNA_G
ClientSampleId :

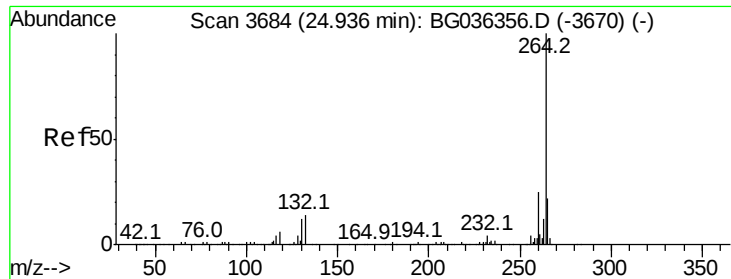
Tot Ion:184 Resp: 29890
Ion Ratio Lower Upper
184 100
185 15.7 12.6 18.8
183 10.1 10.9 16.3#



#78
Terphenyl-d14
Concen: 100.363 ng
RT: 20.05 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BG036391.D
Acq: 24 Aug 2018 00:05

Tgt Ion:244 Resp: 1611757
Ion Ratio Lower Upper
244 100
212 9.2 7.0 10.6
122 9.5 7.1 10.7

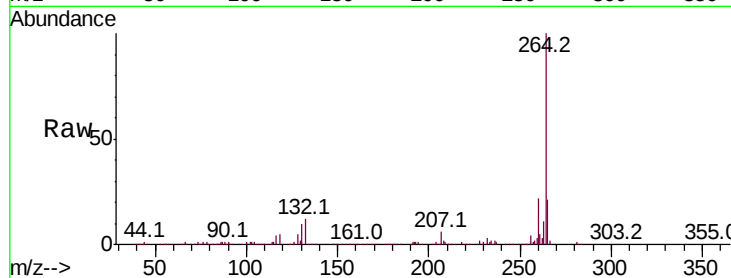




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.02 min
Lab File: BG036391.D
Acq: 24 Aug 2018 00:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	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

