

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080918\
 Data File : BG036262.D
 Acq On : 10 Aug 2018 10:36
 Operator : JU/SJ
 Sample : J4398-02RE
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-P10A(5-10)

Quant Time: Aug 10 12:05:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

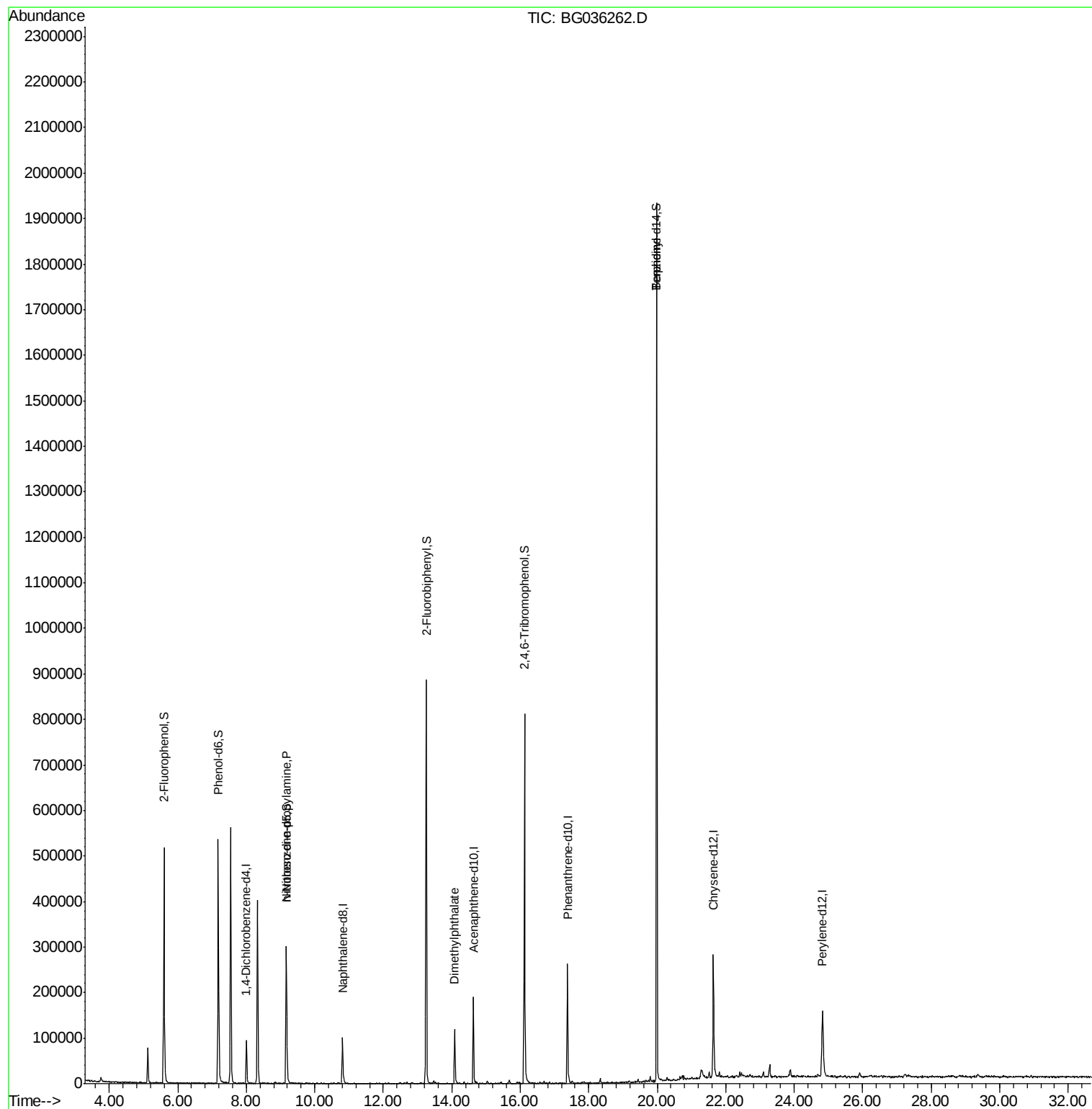
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	26250	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	96938	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	69497	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	188692	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	196110	20.00	ng	-0.02
86) Perylene-d12	24.82	264	184136	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	230025	145.48	ng	0.00
7) Phenol-d6	7.18	99	338837	143.64	ng	-0.01
23) Nitrobenzene-d5	9.17	82	227928	98.22	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	163568	178.56	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	504651	97.29	ng	-0.02
78) Terphenyl-d14	19.98	244	907673	102.02	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	31688	15.952	ng	# 68
49) Dimethylphthalate	14.08	163	89450	14.691	ng	# 99
76) Benzidine	19.98	184	15853	3.075	ng	# 90

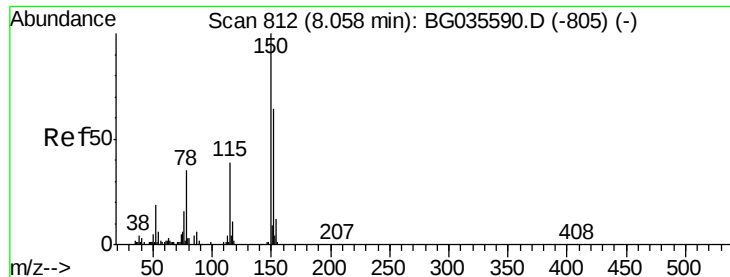
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG036262.D

Acq: 10 Aug 2018 10:36

Instrument :

BNA_G

ClientSampleId :

EPE-P10A(5-10)

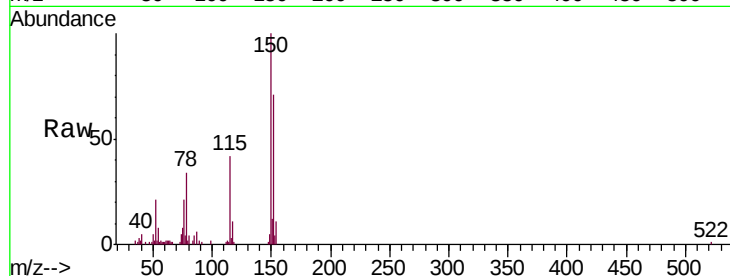
Tgt Ion:152 Resp: 26250

Ion Ratio Lower Upper

152 100

150 140.5 126.6 189.8

115 58.8 53.0 79.4

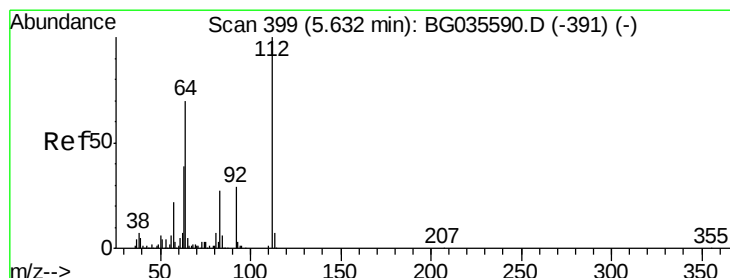
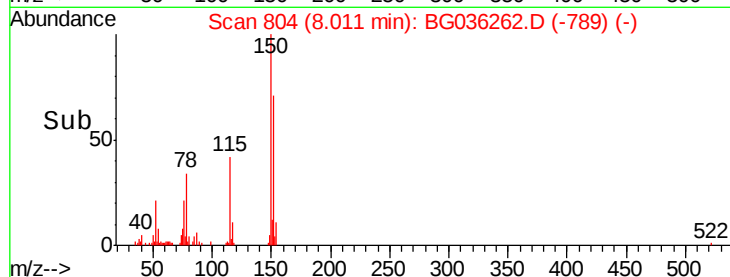
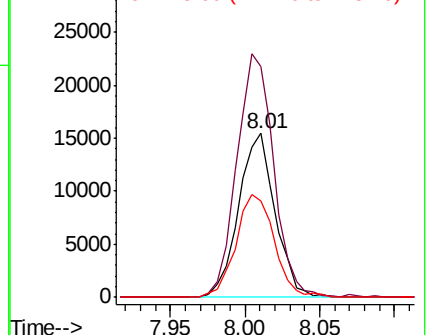


Abundance

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: 145.484 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036262.D

Acq: 10 Aug 2018 10:36

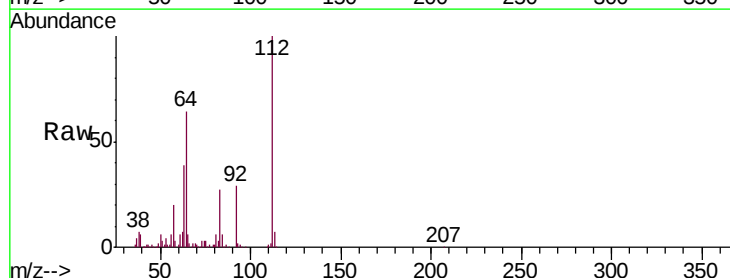
Tgt Ion:112 Resp: 230025

Ion Ratio Lower Upper

112 100

64 64.2 56.3 84.5

63 39.1 30.1 45.1

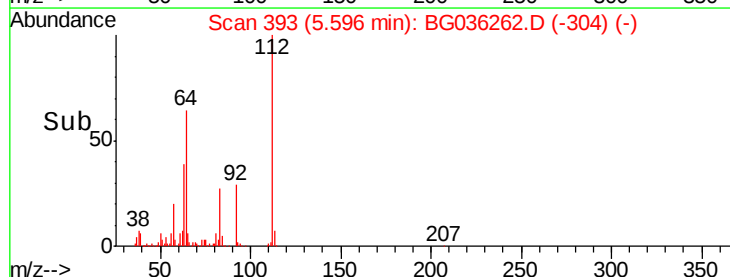
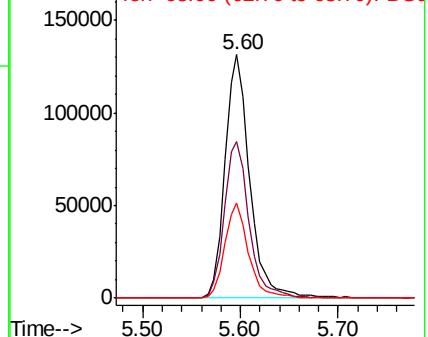


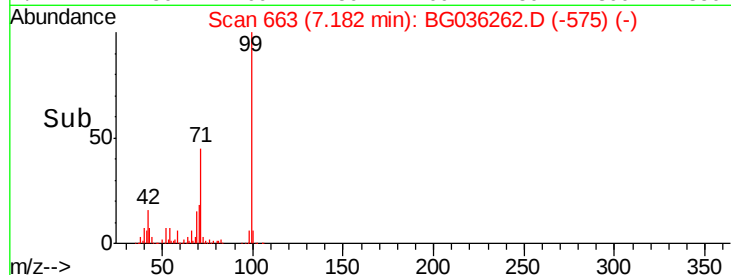
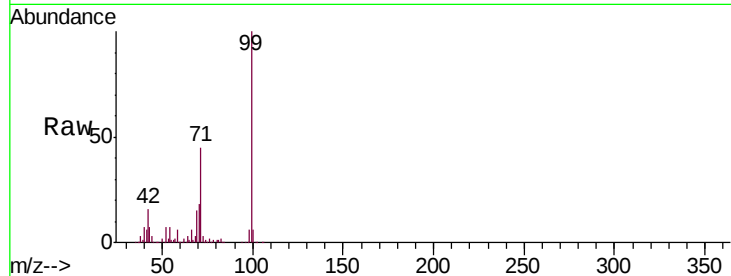
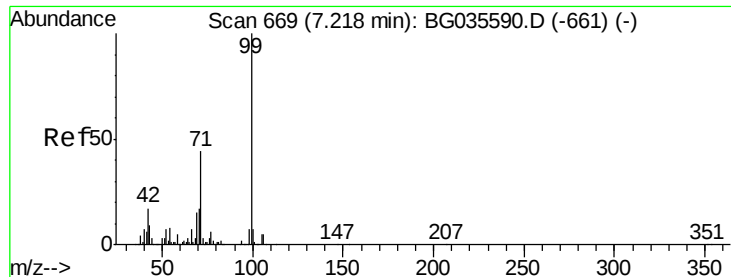
Abundance

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: 143.637 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036262.D

Acq: 10 Aug 2018 10:36

Instrument :

BNA_G

ClientSampleId :

EPE-P10A(5-10)

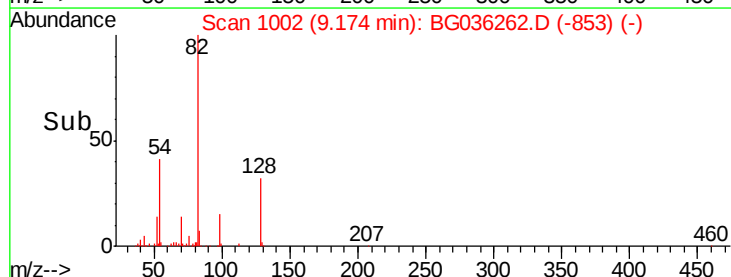
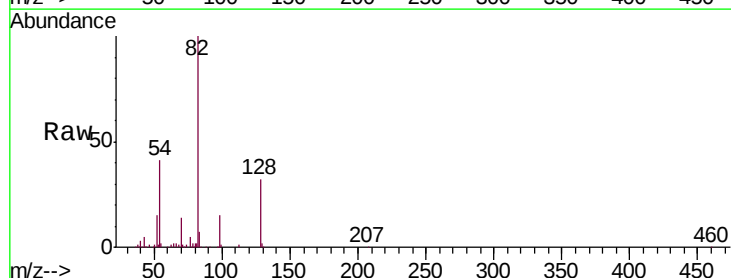
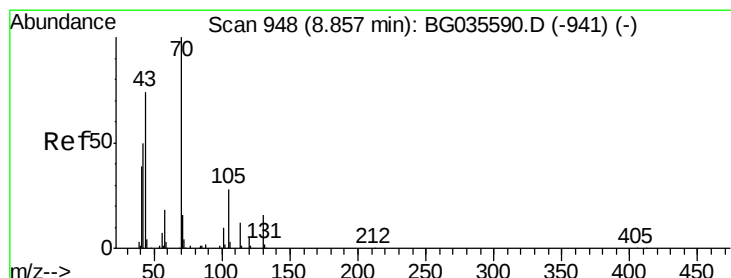
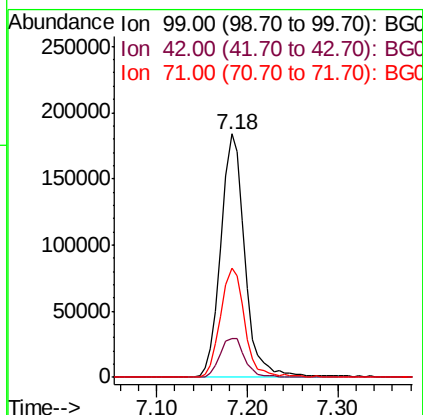
Tgt Ion: 99 Resp: 338837

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

71 44.8 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.952 ng

RT: 9.17 min Scan# 1002

Delta R.T. 0.34 min

Lab File: BG036262.D

Acq: 10 Aug 2018 10:36

Tgt Ion: 70 Resp: 31688

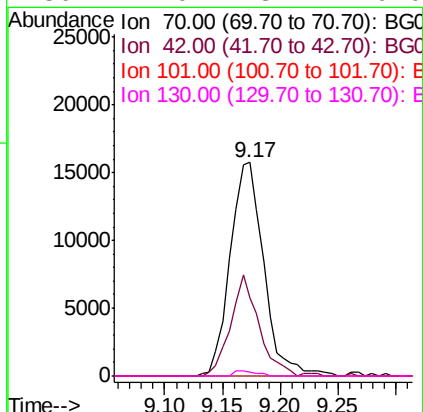
Ion Ratio Lower Upper

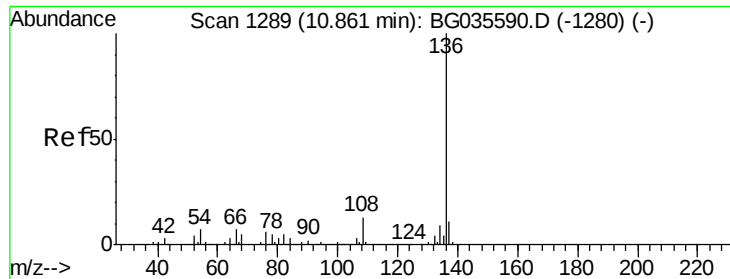
70 100

42 36.8 49.1 73.7#

101 0.0 8.5 12.7#

130 2.0 13.4 20.0#

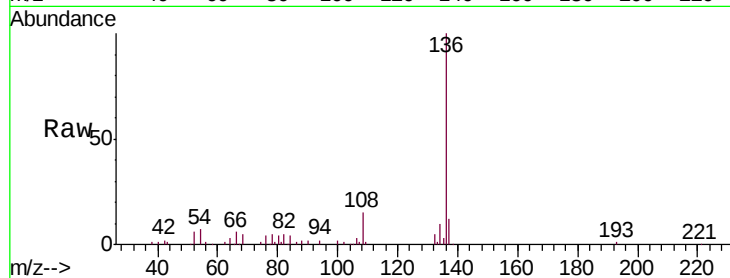




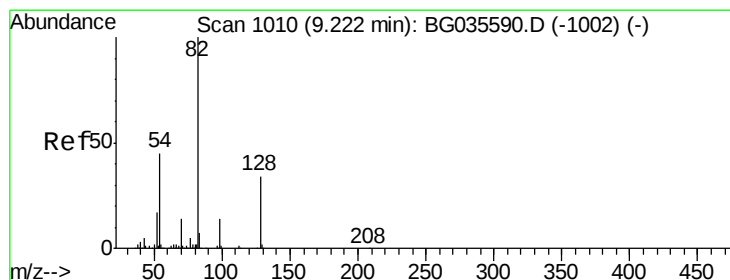
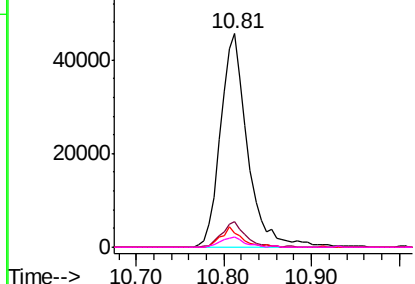
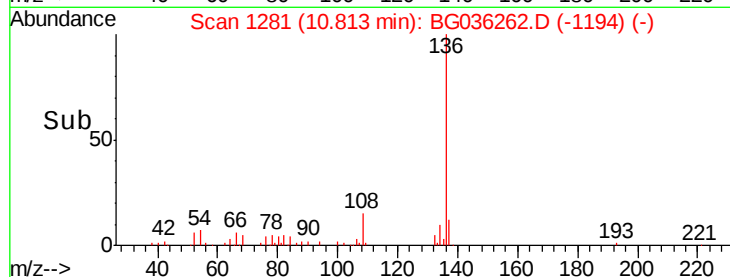
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036262.D
Acq: 10 Aug 2018 10:36

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(5-10)

Tgt Ion:	136	Resp:	96938
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	6.8	10.3	15.5#
68	4.8	4.5	6.7

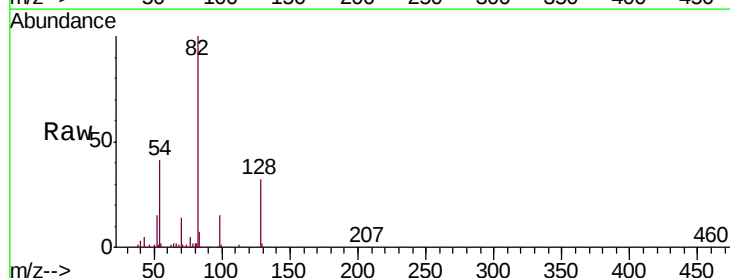


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

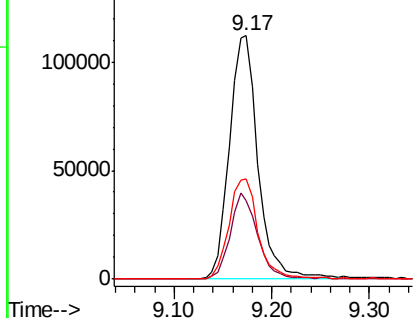
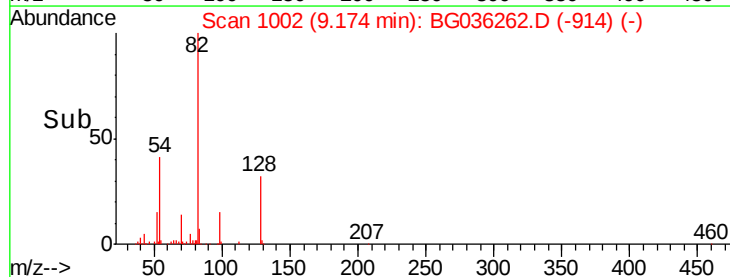


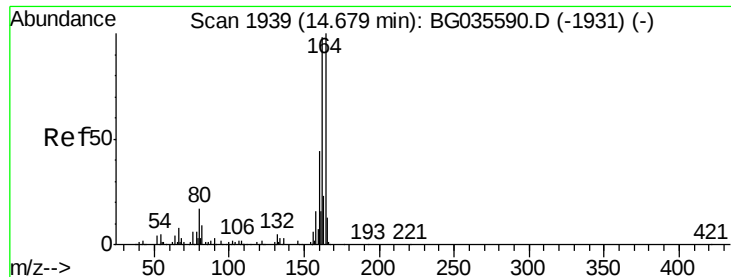
#23
Nitrobenzene-d5
Concen: 98.224 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG036262.D
Acq: 10 Aug 2018 10:36

Tgt Ion:	82	Resp:	227928
Ion	Ratio	Lower	Upper
82	100		
128	32.2	29.7	44.5
54	41.0	43.1	64.7#



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: 14.63 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG036262.D

Acq: 10 Aug 2018 10:36

Instrument :

BNA_G

ClientSampleId :

EPE-P10A(5-10)

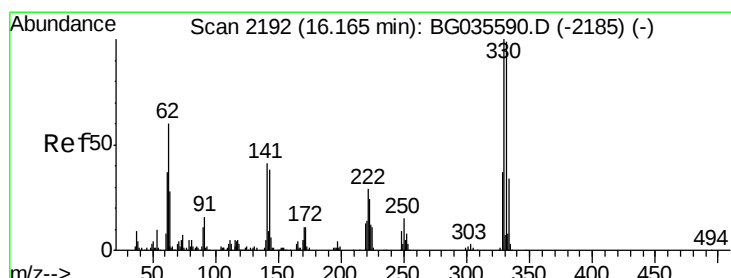
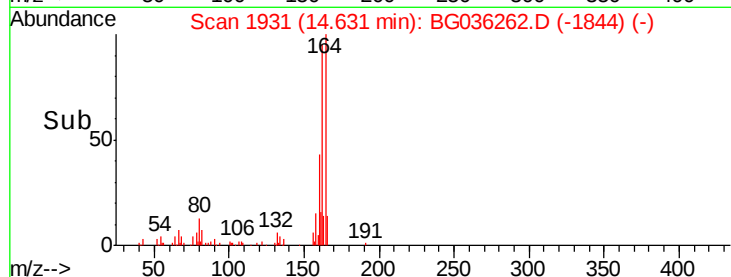
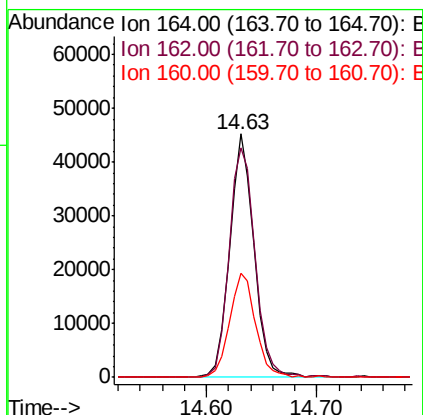
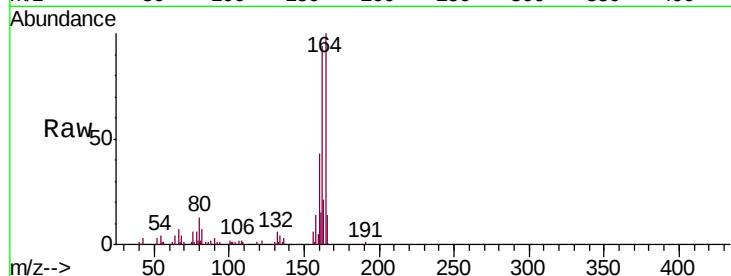
Tgt Ion:164 Resp: 69497

Ion Ratio Lower Upper

164 100

162 94.1 78.8 118.2

160 43.0 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 178.565 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036262.D

Acq: 10 Aug 2018 10:36

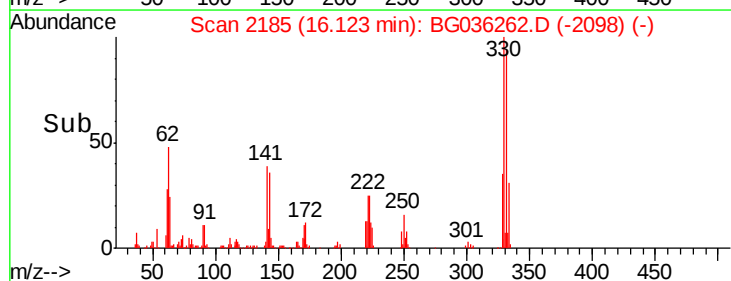
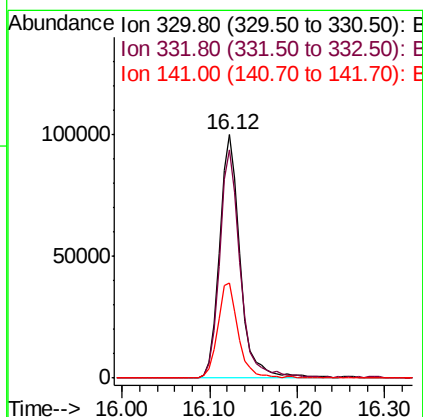
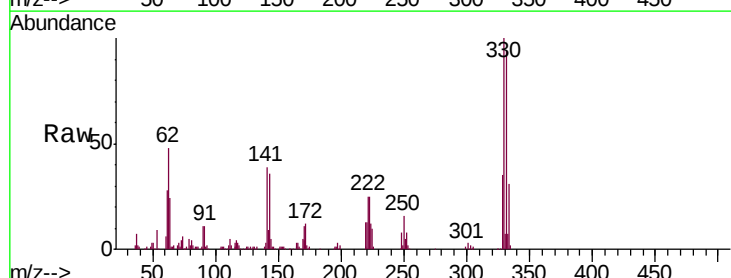
Tgt Ion:330 Resp: 163568

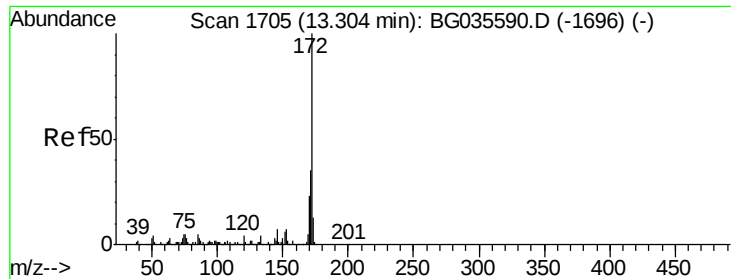
Ion Ratio Lower Upper

330 100

332 93.7 77.0 115.6

141 38.6 25.2 37.8#

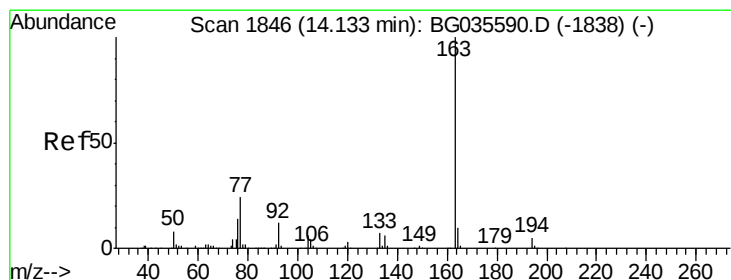
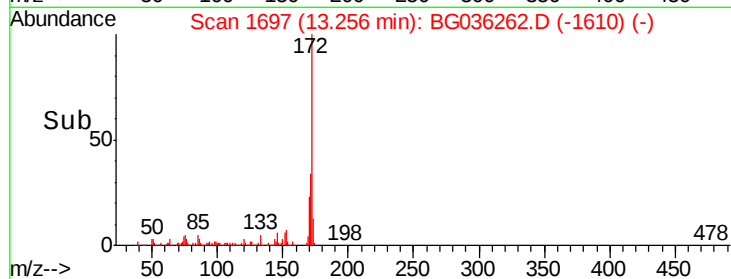
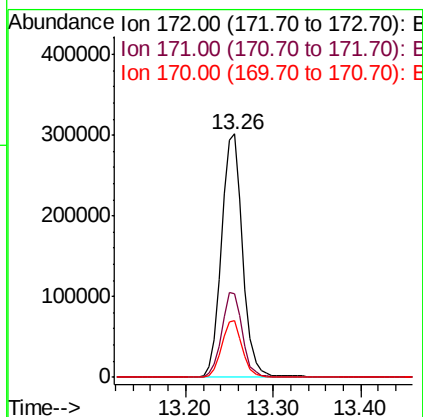
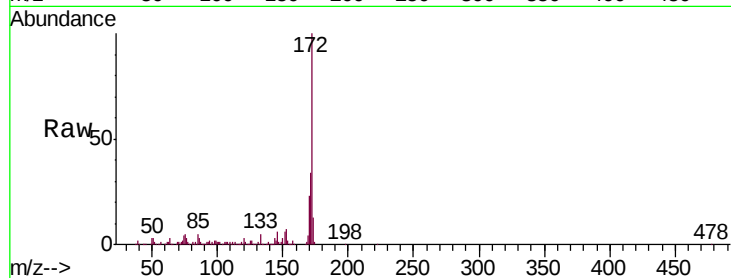




#44
 2-Fluorobiphenyl
 Concen: 97.285 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036262.D
 Acq: 10 Aug 2018 10:36

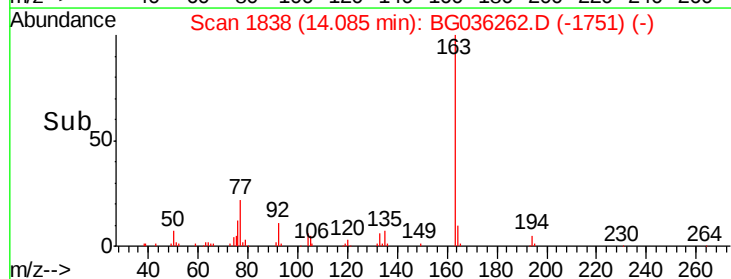
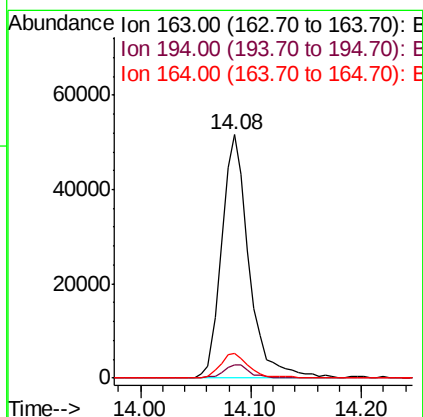
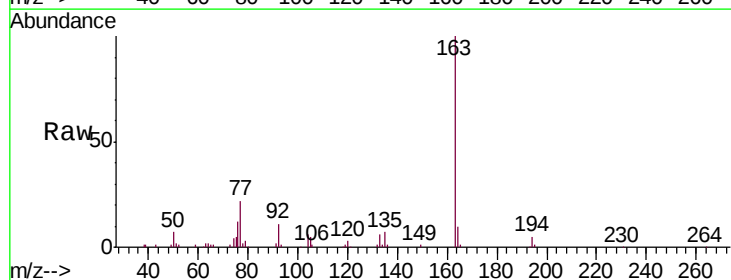
Instrument :
 BNA_G
 ClientSampleId :
 EPE-P10A(5-10)

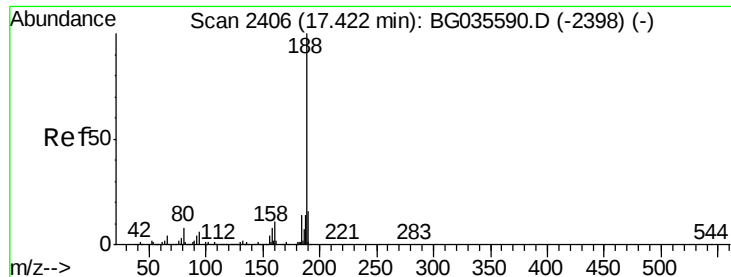
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.0	45.0
170	23.2	19.5	29.3



#49
 Dimethylphthalate
 Concen: 14.691 ng
 RT: 14.08 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BG036262.D
 Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.4	5.2#
164	10.2	8.2	12.4

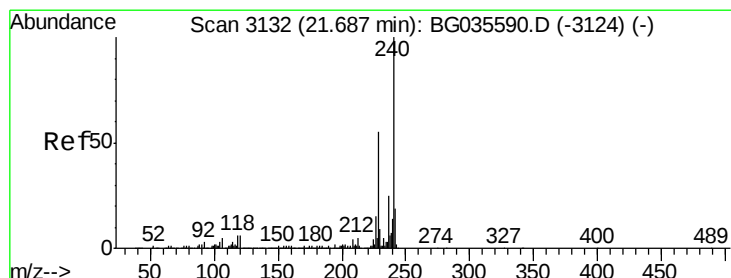
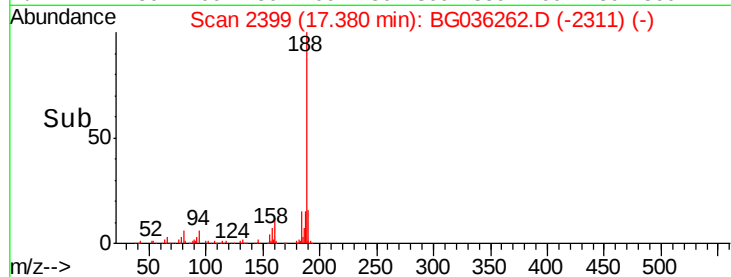
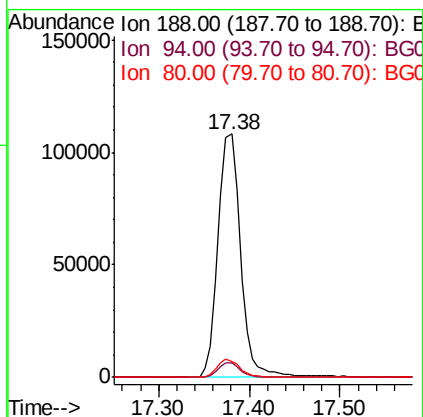
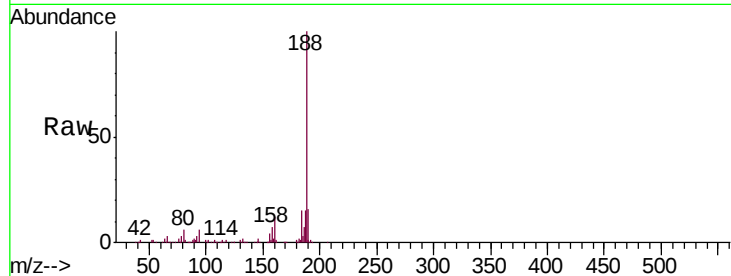




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036262.D
Acq: 10 Aug 2018 10:36

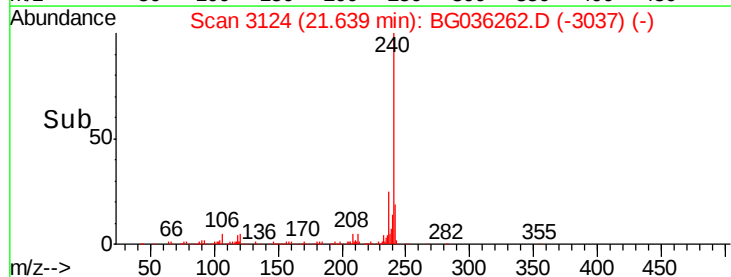
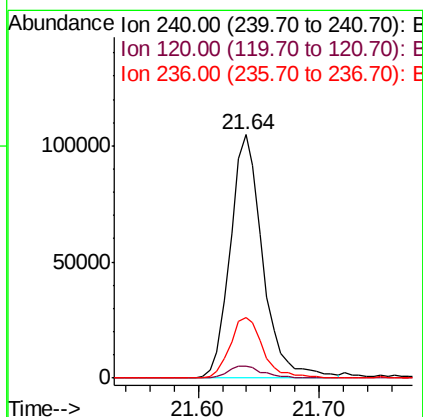
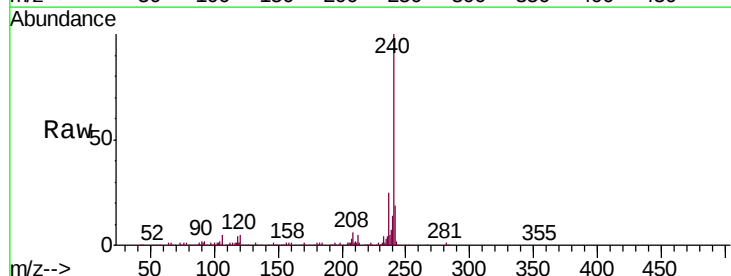
Instrument :
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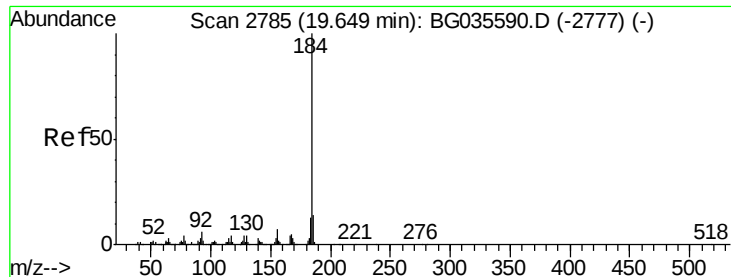
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	6.3	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036262.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	24.7	20.9	31.3

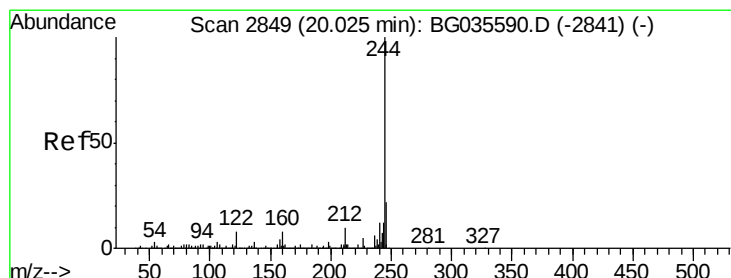
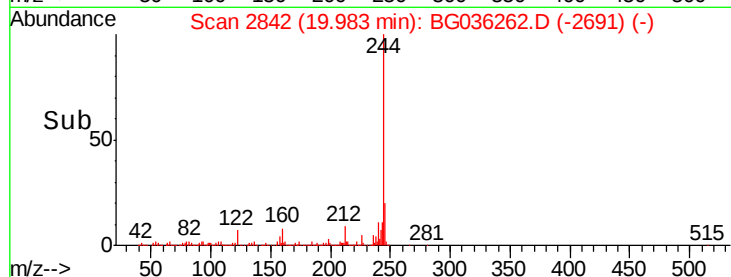
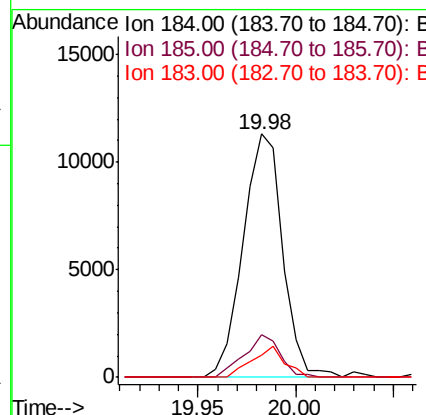
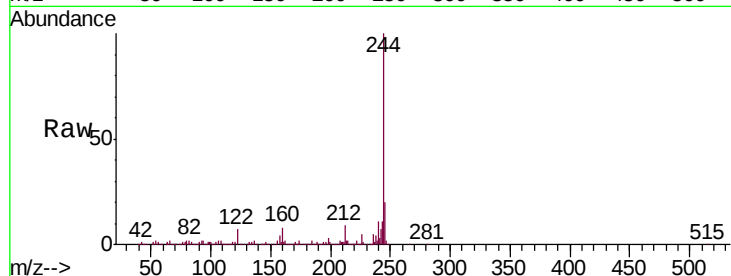




#76
Benzidine
Concen: 3.075 ng
RT: 19.98 min Scan# 2842
Delta R.T. 0.36 min
Lab File: BG036262.D
Acq: 10 Aug 2018 10:36

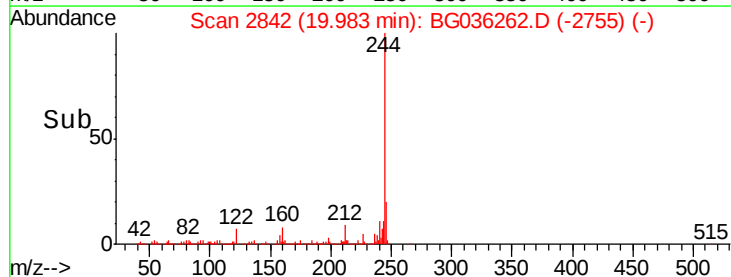
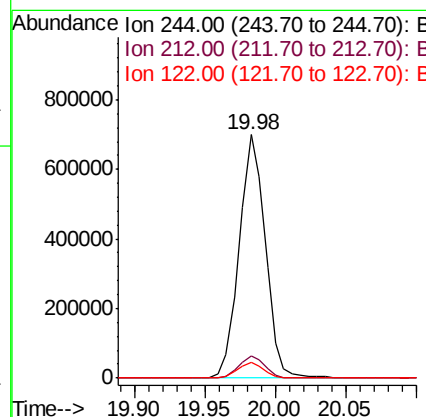
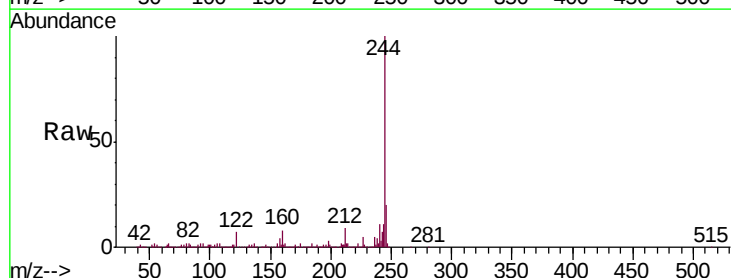
Instrument :
BNA_G
ClientSampleId :
EPE-P10A(5-10)

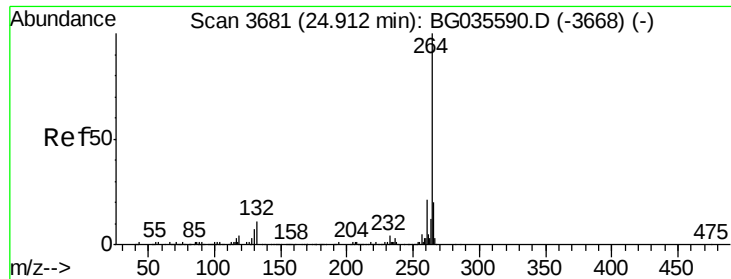
Tgt Ion:184 Resp: 15853
Ion Ratio Lower Upper
184 100
185 17.7 11.1 16.7#
183 9.3 10.6 16.0#



#78
Terphenyl-d14
Concen: 102.024 ng
RT: 19.98 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036262.D
Acq: 10 Aug 2018 10:36

Tgt Ion:244 Resp: 907673
Ion Ratio Lower Upper
244 100
212 9.1 5.8 8.8#
122 6.5 7.0 10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3666
Delta R.T. -0.04 min
Lab File: BG036262.D
Acq: 10 Aug 2018 10:36

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(5-10)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	17.4	26.0
265	21.4	17.7	26.5

