

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080918\
 Data File : BG036261.D
 Acq On : 10 Aug 2018 9:57
 Operator : JU/SJ
 Sample : J4398-01RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-P10A(0-5)

Quant Time: Aug 10 12:05:45 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

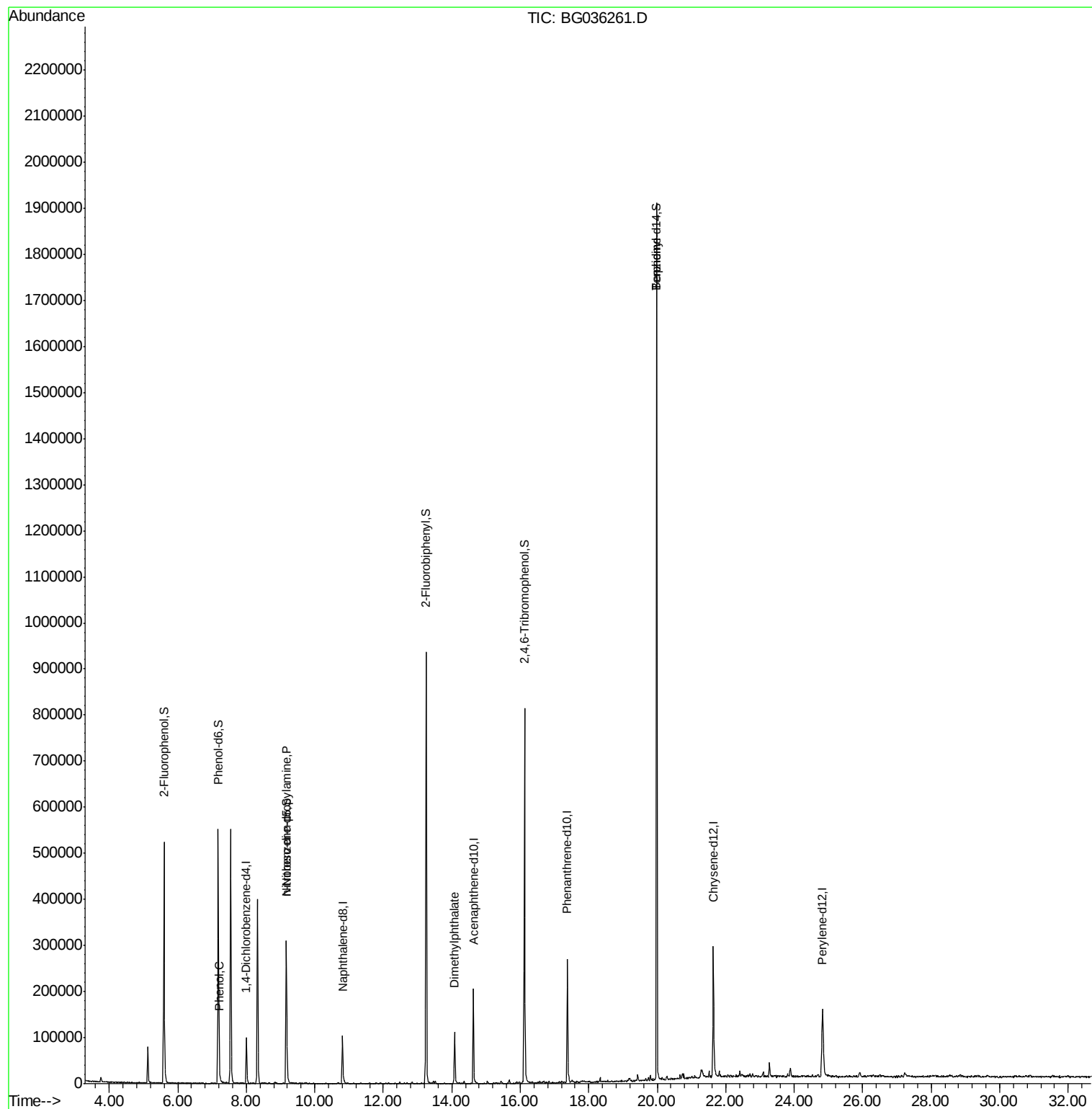
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	26394	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	100734	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	70861	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	184309	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	196779	20.00	ng	-0.02
86) Perylene-d12	24.83	264	187923	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	232564	146.29	ng	0.00
7) Phenol-d6	7.18	99	333419	140.57	ng	-0.01
23) Nitrobenzene-d5	9.17	82	230223	95.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	161760	173.19	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	524764	99.22	ng	-0.02
78) Terphenyl-d14	19.98	244	930913	104.28	ng	-0.02
Target Compounds						
10) Phenol	7.22	94	5039	2.103	ng	91
19) n-Nitroso-di-n-propylamine	9.17	70	32481	16.262	ng	# 69
49) Dimethylphthalate	14.08	163	87340	14.068	ng	98
76) Benzidine	19.98	184	16514	3.192	ng	# 90

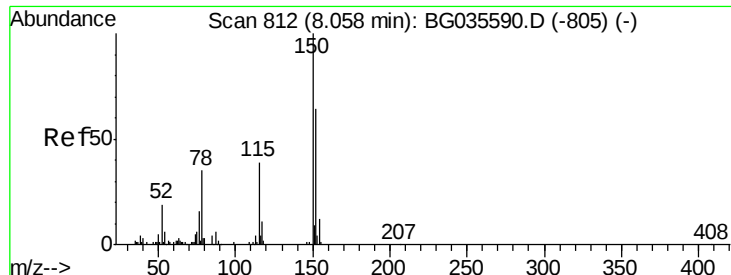
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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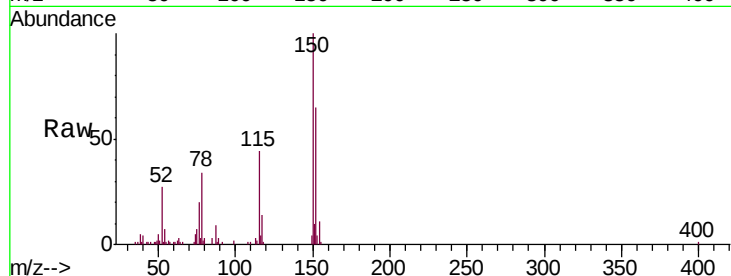


#1

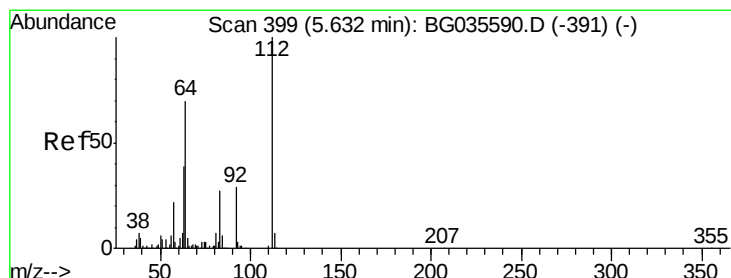
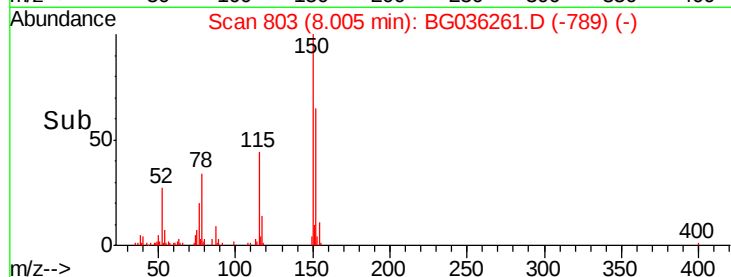
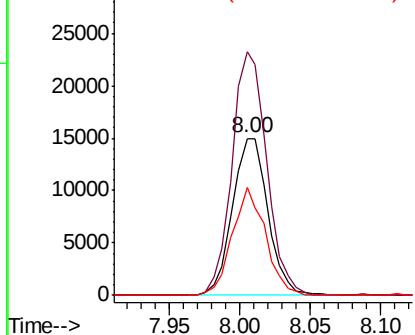
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tgt Ion:152 Resp: 26394
Ion Ratio Lower Upper
152 100
150 155.0 126.6 189.8
115 68.6 53.0 79.4



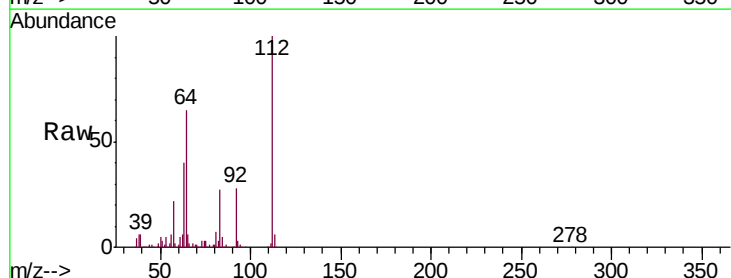
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



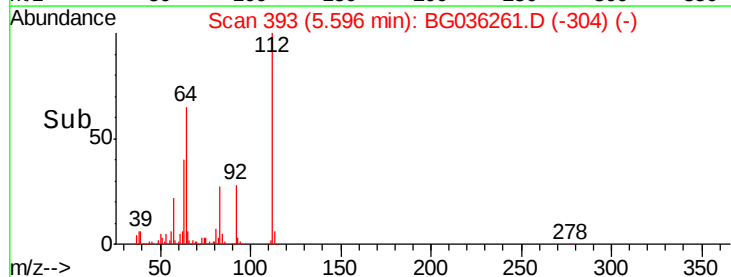
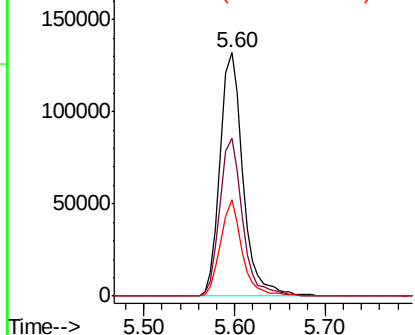
#5

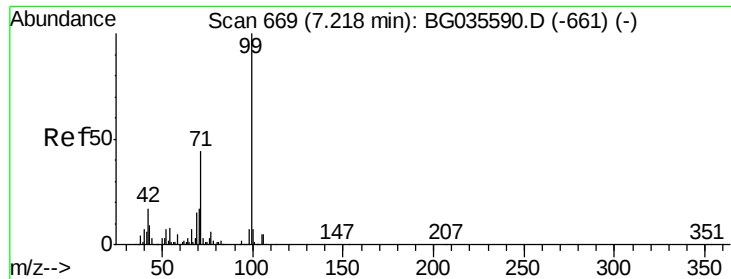
2-Fluorophenol
Concen: 146.287 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Tgt Ion:112 Resp: 232564
Ion Ratio Lower Upper
112 100
64 65.1 56.3 84.5
63 39.7 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: 140.569 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036261.D

Acq: 10 Aug 2018 9:57

Instrument :

BNA_G

ClientSampleId :

EPE-P10A(0-5)

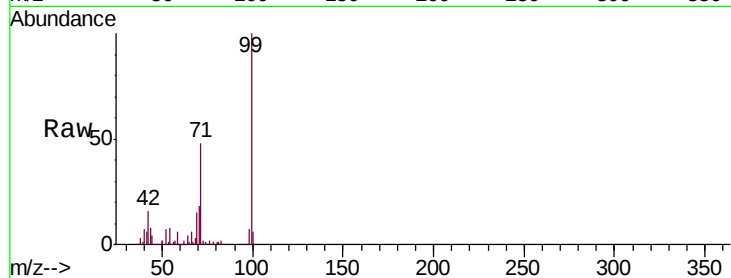
Tgt Ion: 99 Resp: 333419

Ion Ratio Lower Upper

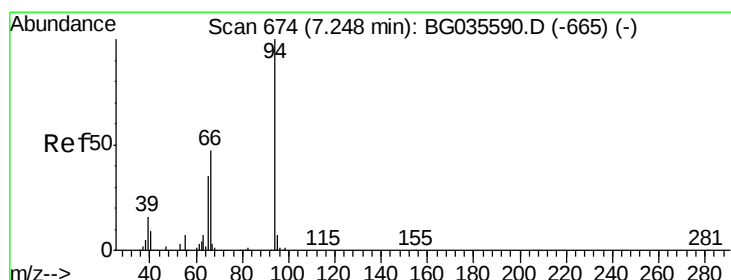
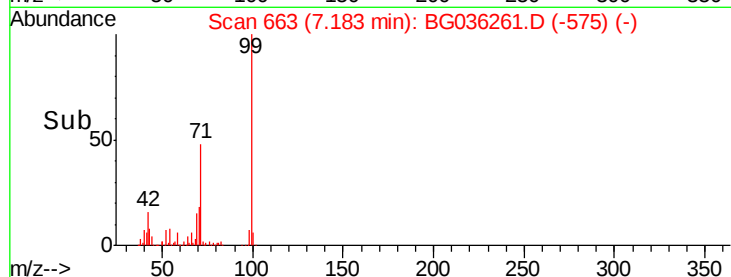
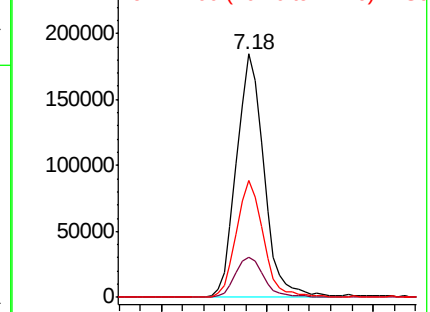
99 100

42 16.3 14.1 21.1

71 47.8 26.1 39.1#



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



#10

Phenol

Concen: 2.103 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036261.D

Acq: 10 Aug 2018 9:57

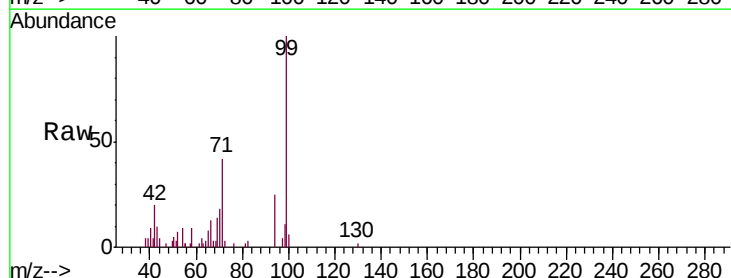
Tgt Ion: 94 Resp: 5039

Ion Ratio Lower Upper

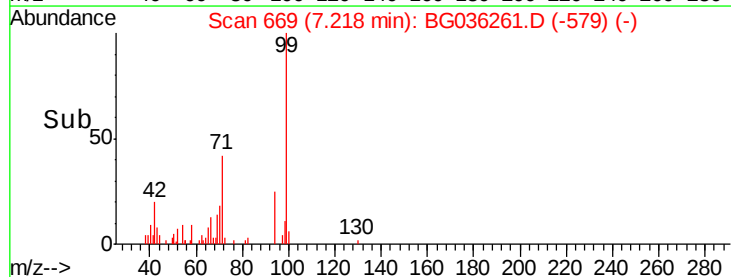
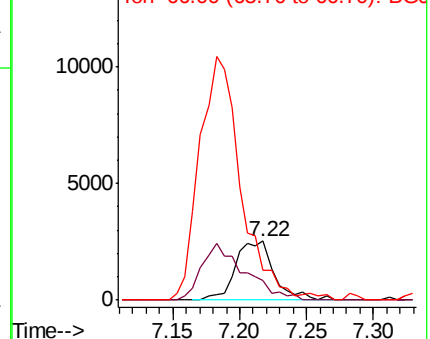
94 100

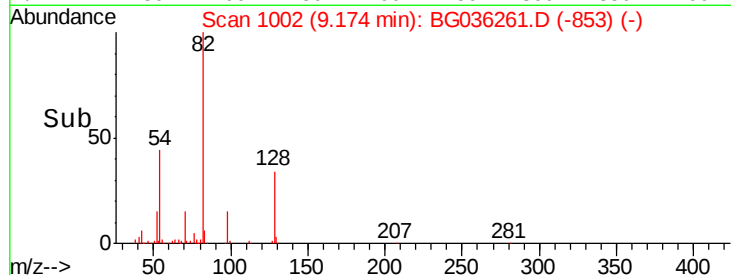
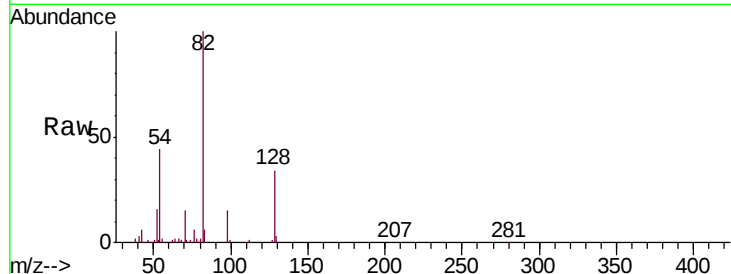
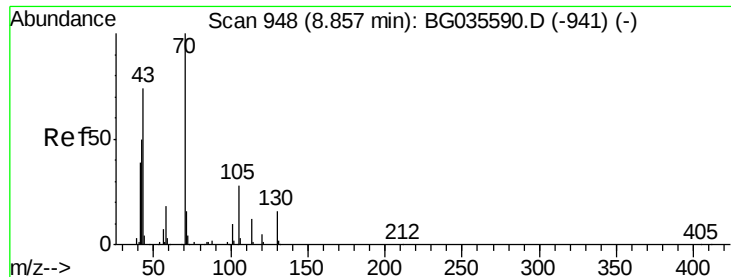
65 33.2 11.9 51.9

66 51.0 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

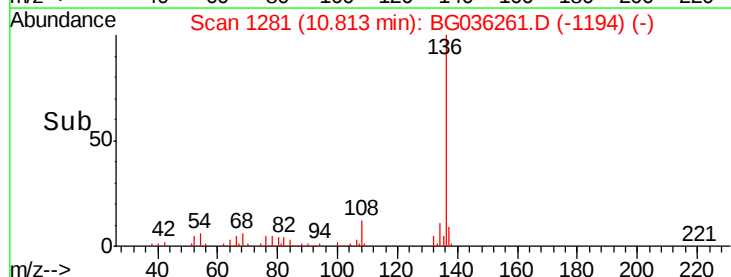
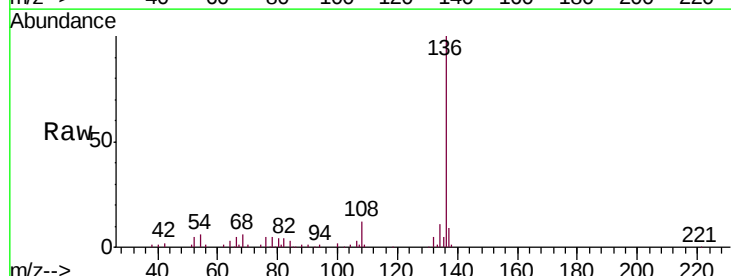
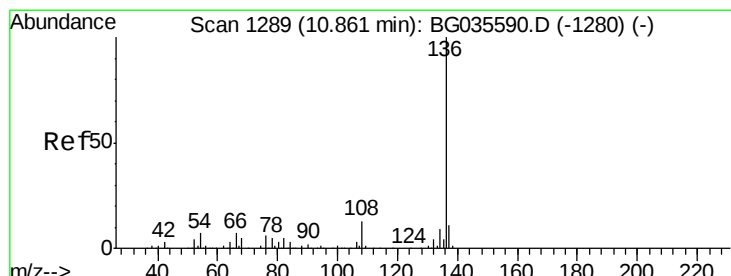
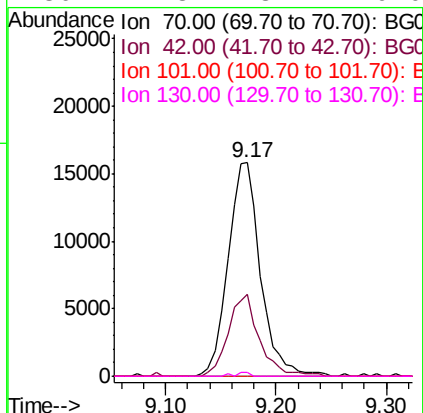




#19
n-Nitroso-di-n-propylamine
Concen: 16.262 ng
RT: 9.17 min Scan# 1002
Delta R.T. 0.34 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

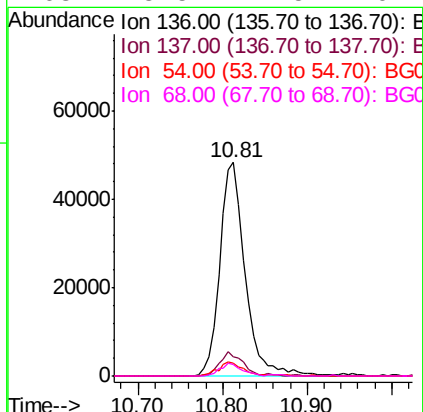
Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

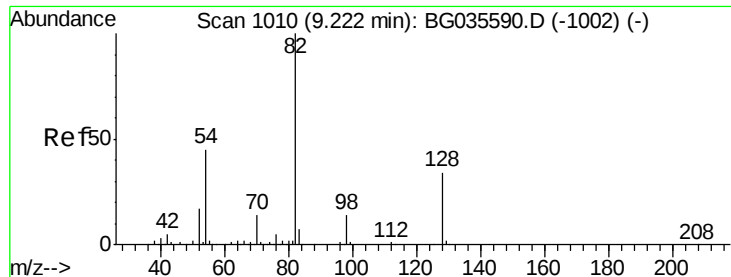
Tgt Ion: 70 Resp: 32481
Ion Ratio Lower Upper
70 100
42 38.5 49.1 73.7#
101 0.0 8.5 12.7#
130 1.8 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Tgt Ion: 136 Resp: 100734
Ion Ratio Lower Upper
136 100
137 9.3 9.2 13.8
54 6.1 10.3 15.5#
68 5.5 4.5 6.7

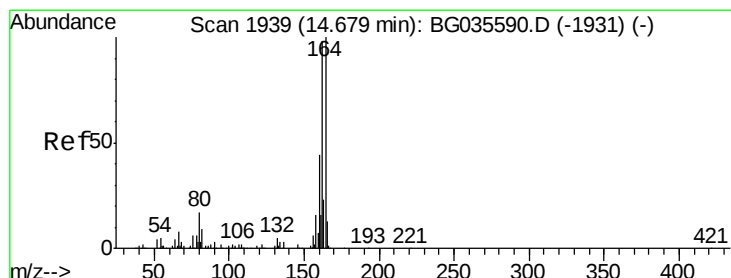
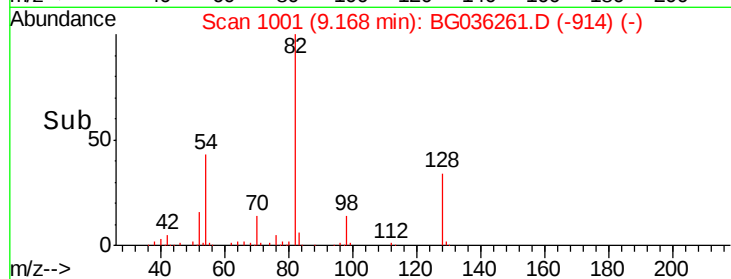
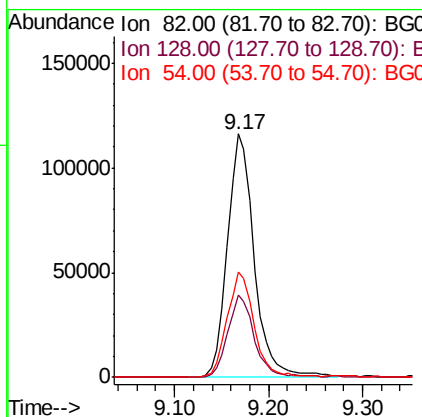
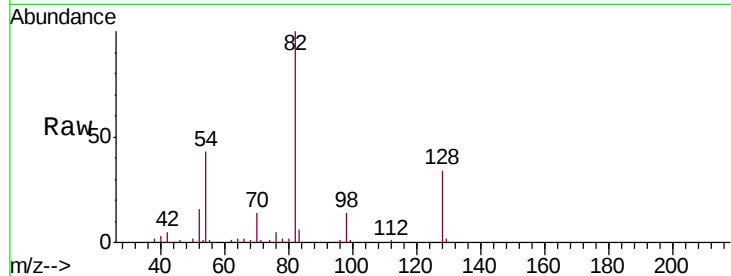




#23
 Nitrobenzene-d5
 Concen: 95.474 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036261.D
 Acq: 10 Aug 2018 9:57

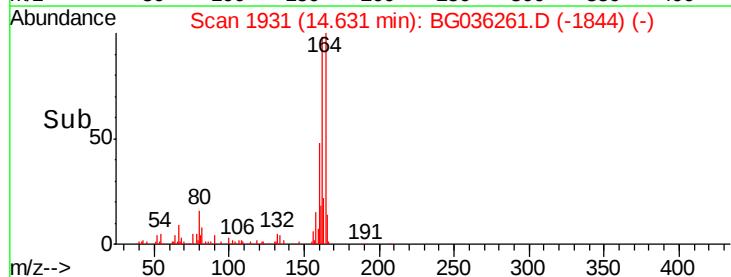
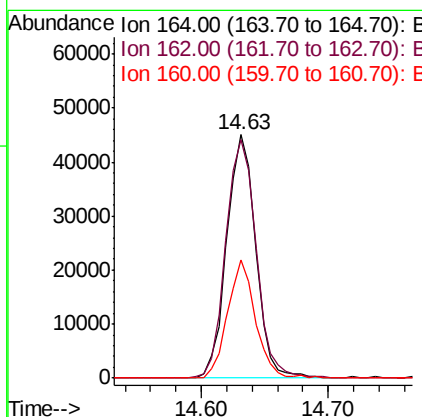
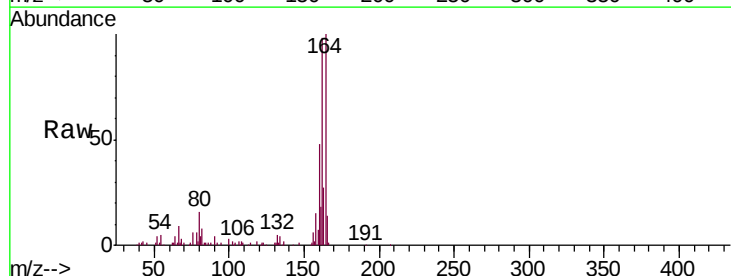
Instrument :
 BNA_G
 ClientSampleId :
 EPE-P10A(0-5)

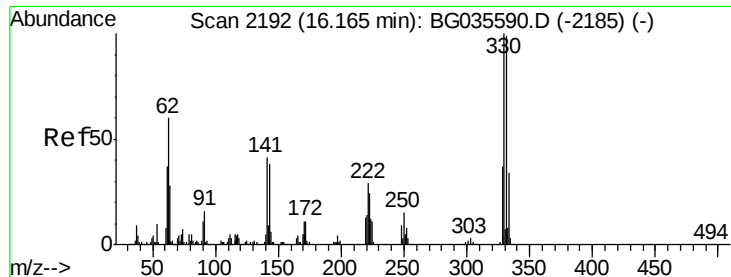
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.9	29.7	44.5
54	43.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036261.D
 Acq: 10 Aug 2018 9:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.2	78.8	118.2
160	48.4	35.4	53.0

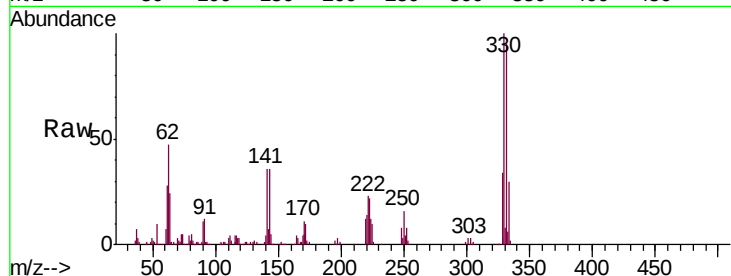




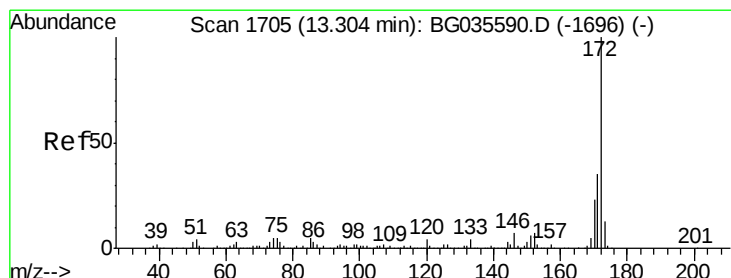
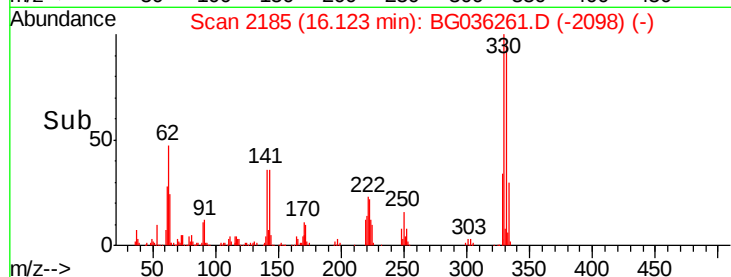
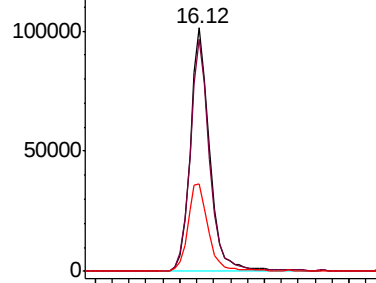
#41
 2,4,6-Tribromophenol
 Concen: 173.192 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036261.D
 Acq: 10 Aug 2018 9:57

Instrument :
 BNA_G
 ClientSampleId :
 EPE-P10A(0-5)

Tgt Ion:330 Resp: 161760
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 38.2 25.2 37.8#

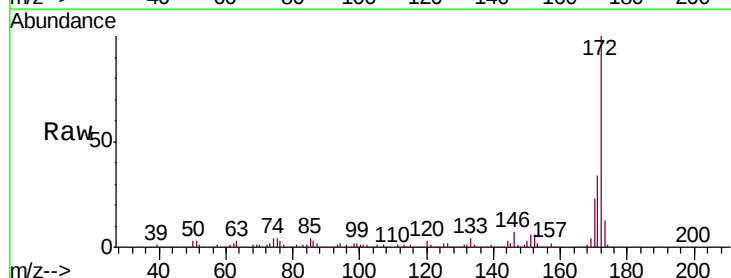


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

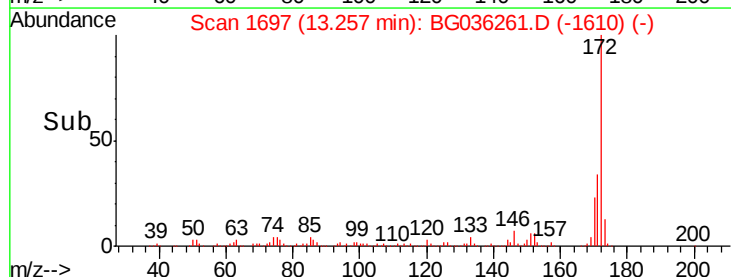
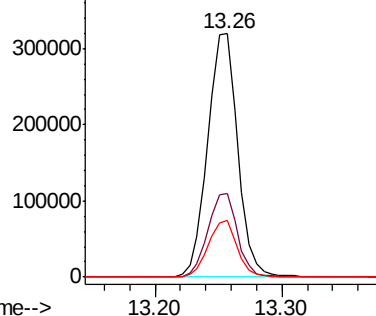


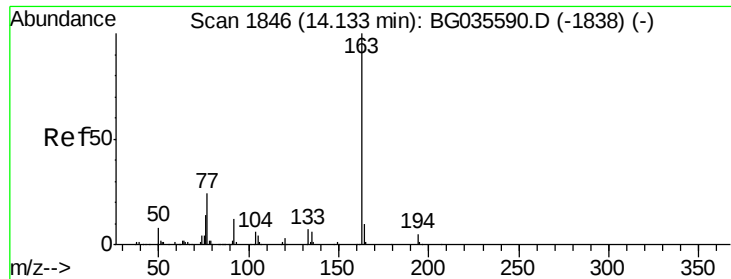
#44
 2-Fluorobiphenyl
 Concen: 99.215 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036261.D
 Acq: 10 Aug 2018 9:57

Tgt Ion:172 Resp: 524764
 Ion Ratio Lower Upper
 172 100
 171 34.4 30.0 45.0
 170 23.4 19.5 29.3



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: 14.068 ng

RT: 14.08 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BG036261.D

Acq: 10 Aug 2018 9:57

Instrument :

BNA_G

ClientSampleId :

EPE-P10A(0-5)

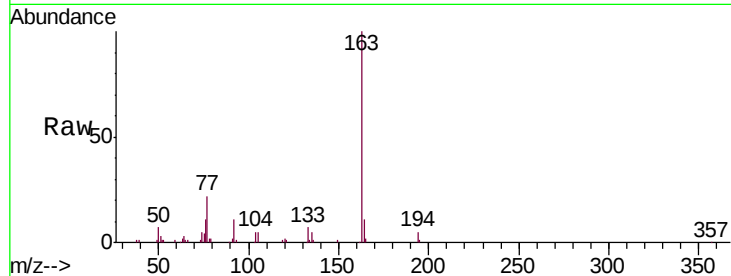
Tgt Ion:163 Resp: 87340

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

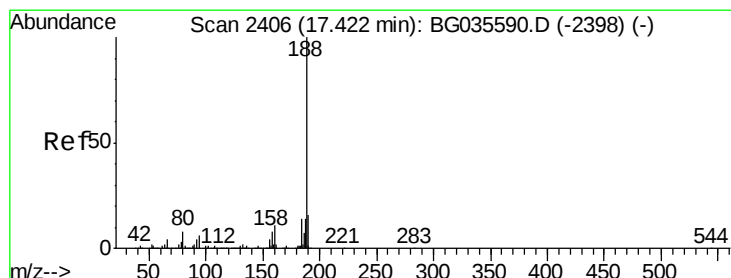
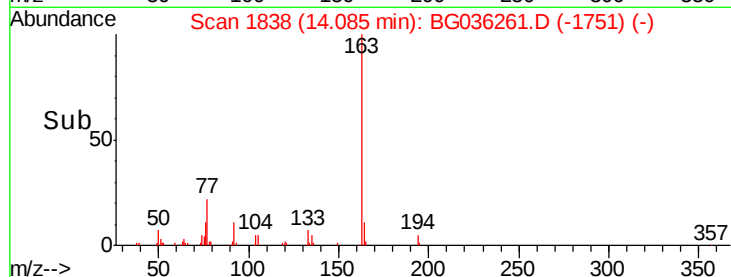
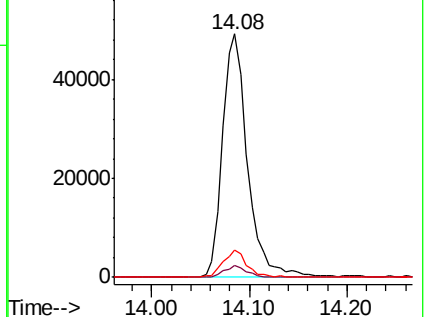
164 11.2 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG036261.D

Acq: 10 Aug 2018 9:57

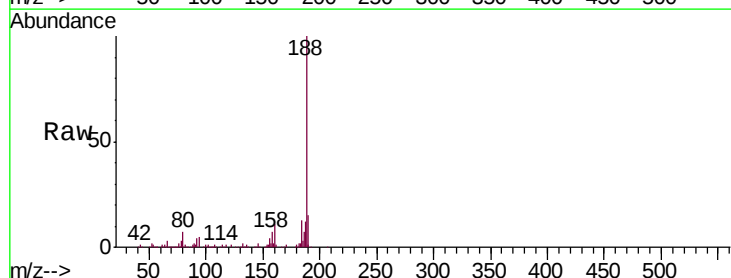
Tgt Ion:188 Resp: 184309

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

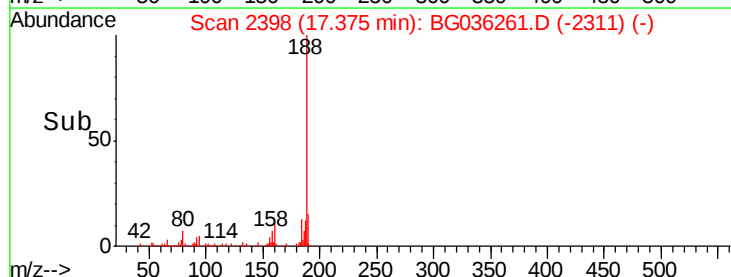
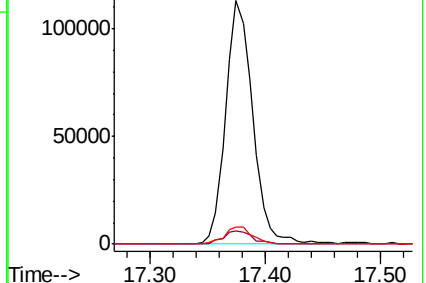
80 7.0 7.7 11.5#

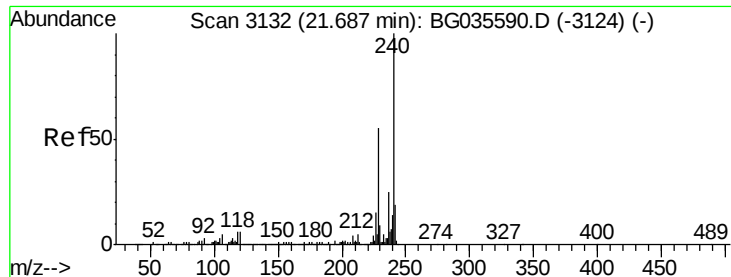


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036261.D

Acq: 10 Aug 2018 9:57

Instrument :

BNA_G

ClientSampleId :

EPE-P10A(0-5)

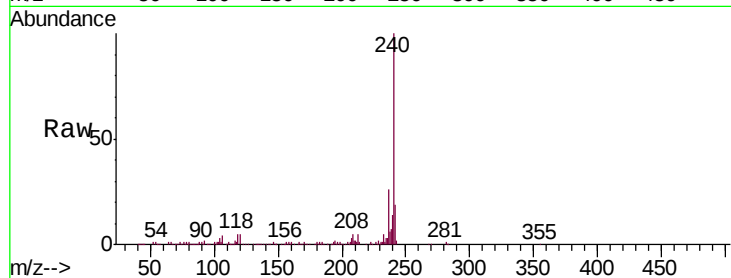
Tgt Ion:240 Resp: 196779

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

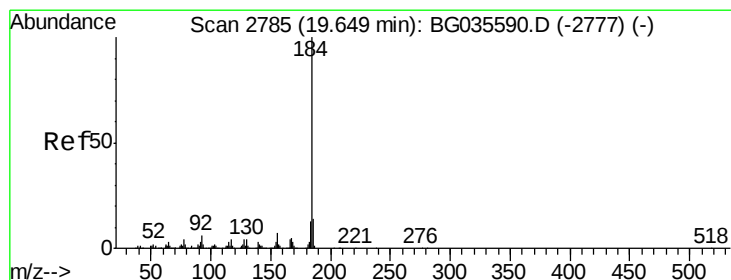
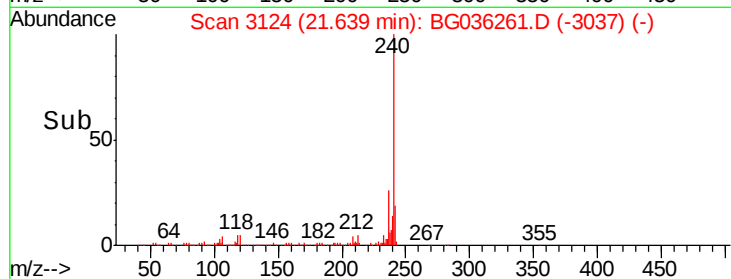
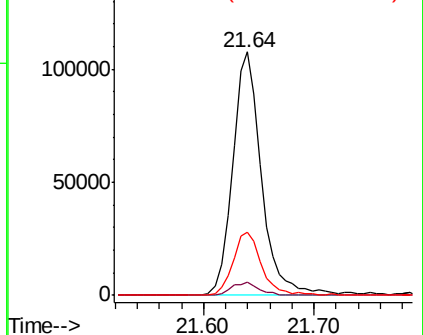
236 26.1 20.9 31.3



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: 3.192 ng

RT: 19.98 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036261.D

Acq: 10 Aug 2018 9:57

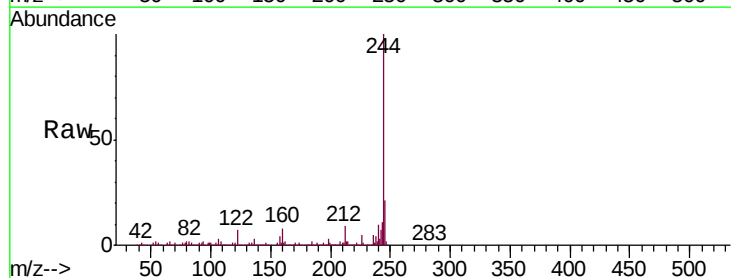
Tgt Ion:184 Resp: 16514

Ion Ratio Lower Upper

184 100

185 18.2 11.1 16.7#

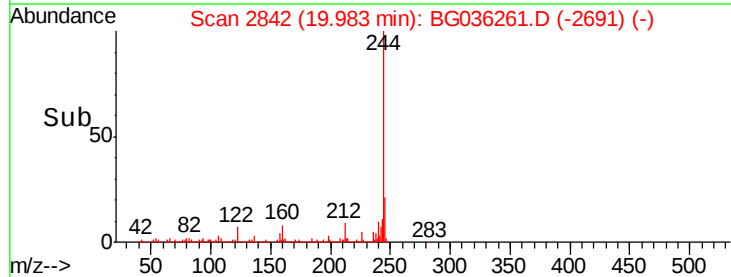
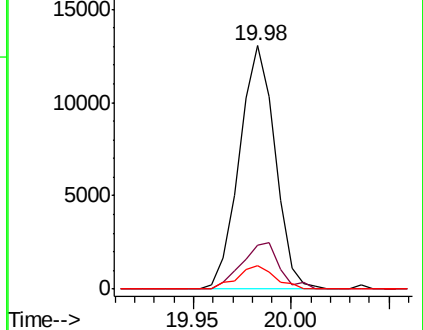
183 9.6 10.6 16.0#

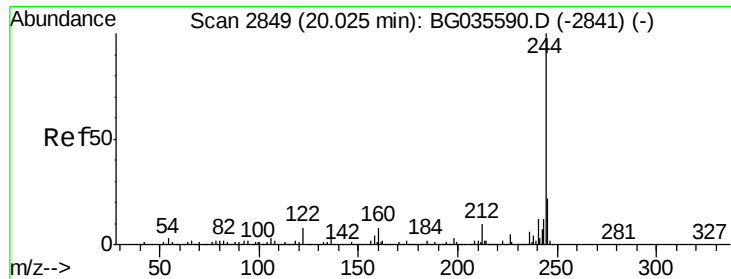


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 104.280 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036261.D

Acq: 10 Aug 2018 9:57

Instrument :

BNA_G

ClientSampleId :

EPE-P10A(0-5)

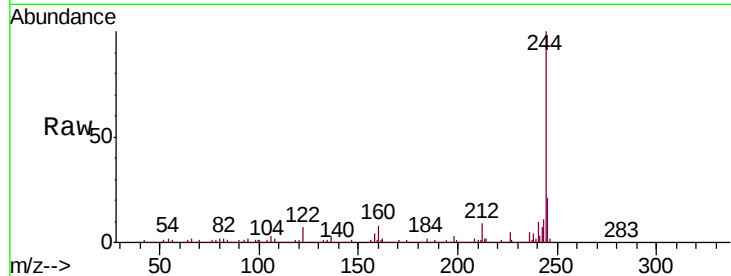
Tgt Ion:244 Resp: 930913

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

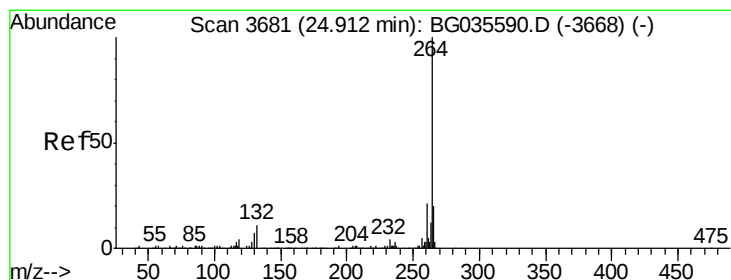
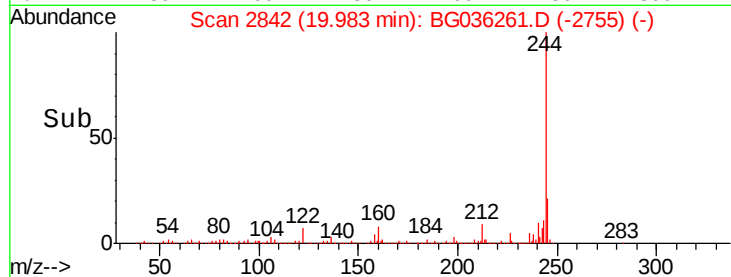
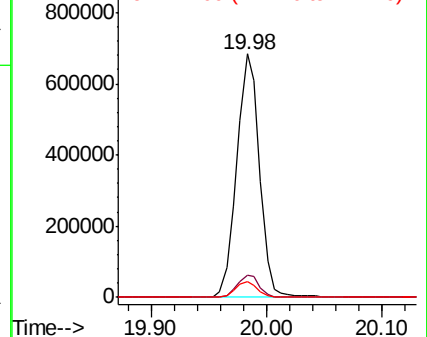
122 6.7 7.0 10.4#



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: 24.83 min Scan# 3667

Delta R.T. -0.03 min

Lab File: BG036261.D

Acq: 10 Aug 2018 9:57

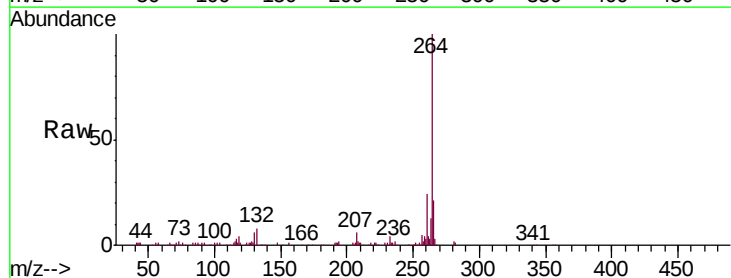
Tgt Ion:264 Resp: 187923

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 20.6 17.7 26.5



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

