

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG012418\
 Data File : BG032263.D
 Acq On : 24 Jan 2018 16:32
 Operator : SJ/JU
 Sample : J1241-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(110-112)

Quant Time: Jan 24 17:14:38 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

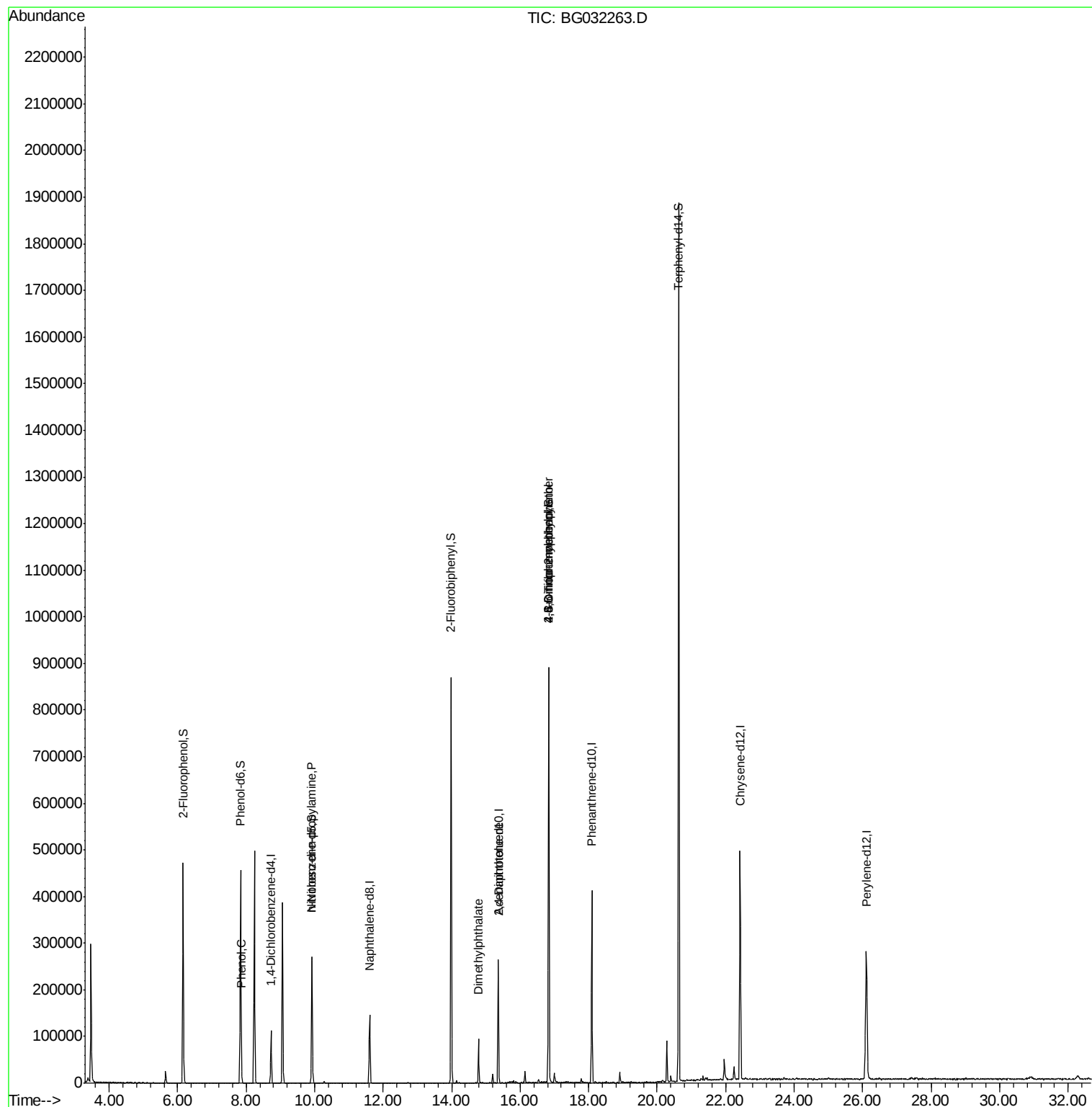
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	37769	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	142596	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	99199	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	279975	20.00	ng	0.00
75) Chrysene-d12	22.42	240	368901	20.00	ng	0.00
86) Perylene-d12	26.11	264	382500	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	228372	110.59	ng	0.00
7) Phenol-d6	7.84	99	275104	105.77	ng	0.00
23) Nitrobenzene-d5	9.92	82	170592	80.94	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	200281	122.01	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	508439	63.55	ng	0.00
78) Terphenyl-d14	20.63	244	1016717	60.86	ng	0.00
Target Compounds						
10) Phenol	7.86	94	7561	2.951	ng	78
19) n-Nitroso-di-n-propylamine	9.92	70	23037	14.276	ng	# 71
49) Dimethylphthalate	14.78	163	68765	7.922	ng	97
56) 2,4-Dinitrotoluene	15.36	165	12802	5.277	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.84	198	686	5.228	ng	# 45
66) 4-Bromophenyl-phenylether	16.83	248	17409	4.370	ng	# 1

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

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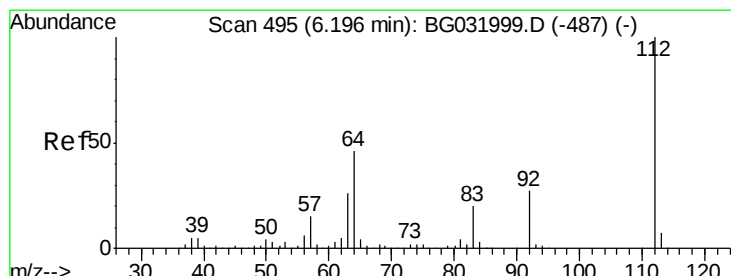
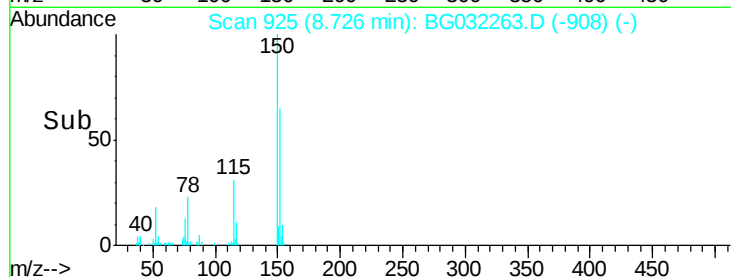
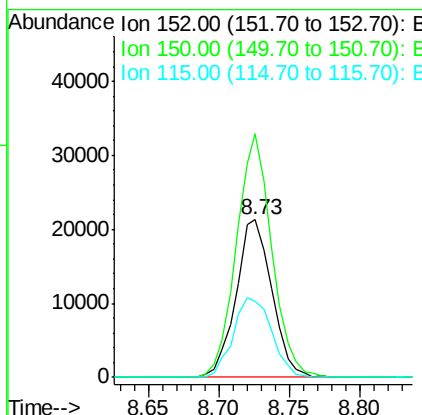
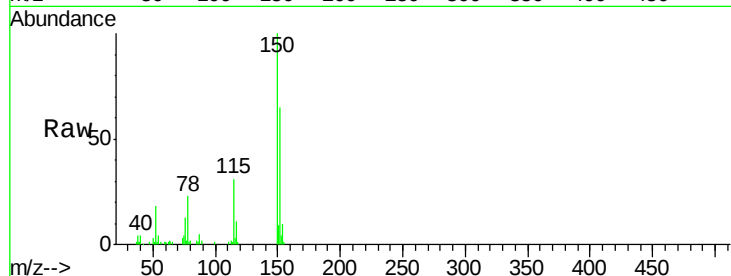


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032263.D
Acq: 24 Jan 2018 16:32

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(110-112)

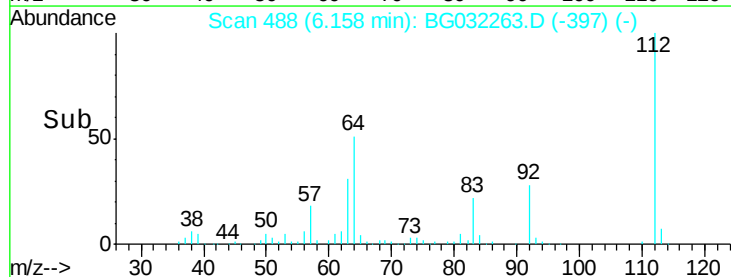
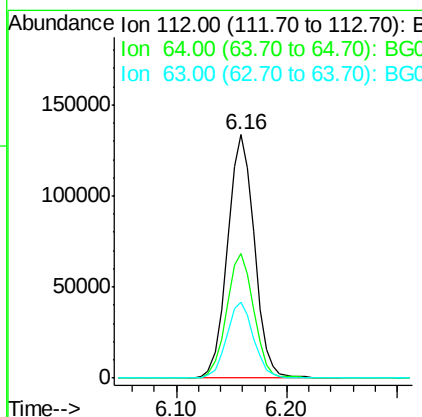
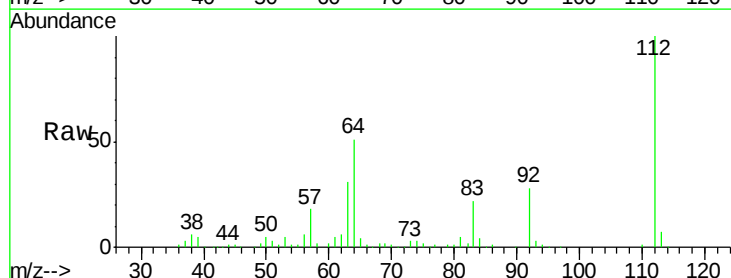
Tgt Ion:152 Resp: 37769
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 48.3 53.0 79.4#

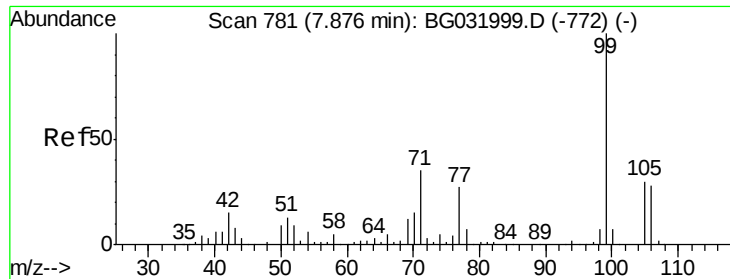


#5

2-Fluorophenol
Concen: 110.587 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032263.D
Acq: 24 Jan 2018 16:32

Tgt Ion:112 Resp: 228372
Ion Ratio Lower Upper
112 100
64 51.0 56.3 84.5#
63 31.0 30.1 45.1





#7

Phenol-d6

Concen: 105.775 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG032263.D

Acq: 24 Jan 2018 16:32

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(110-112)

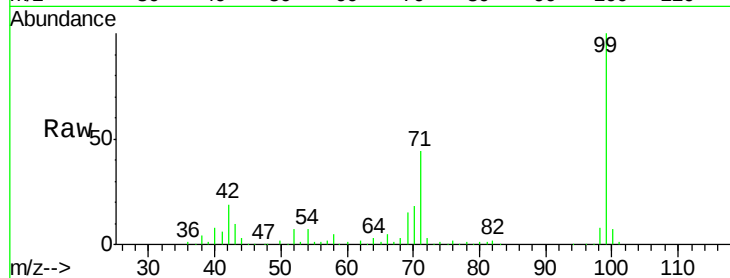
Tgt Ion: 99 Resp: 275104

Ion Ratio Lower Upper

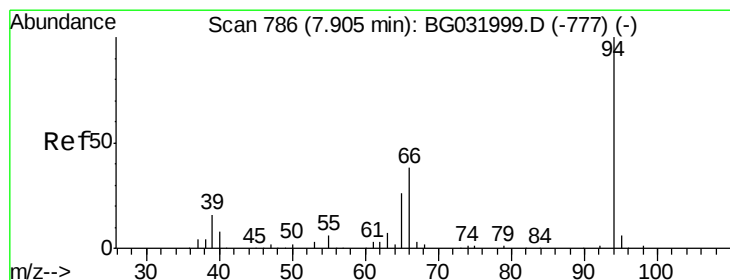
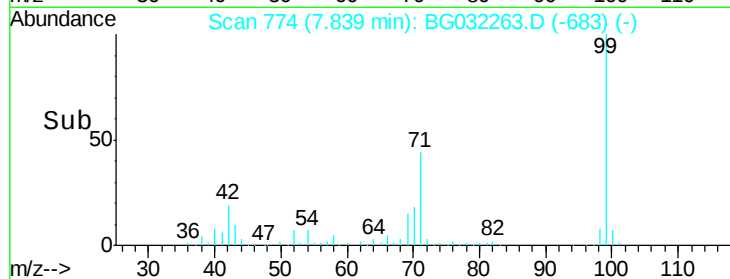
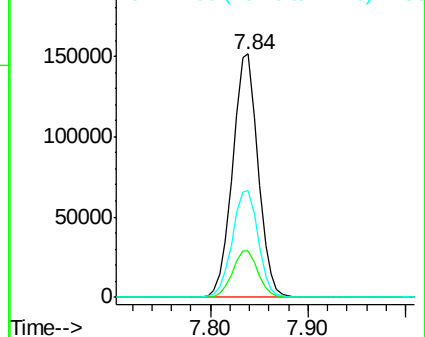
99 100

42 19.3 14.1 21.1

71 44.0 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: 2.951 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG032263.D

Acq: 24 Jan 2018 16:32

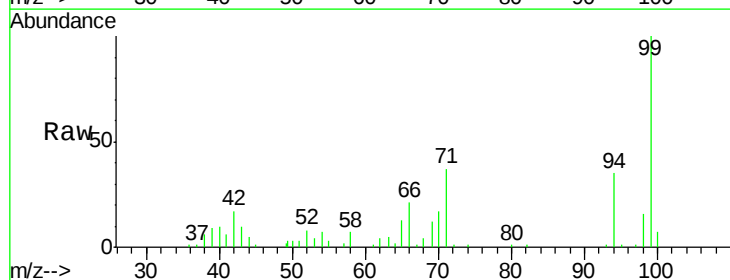
Tgt Ion: 94 Resp: 7561

Ion Ratio Lower Upper

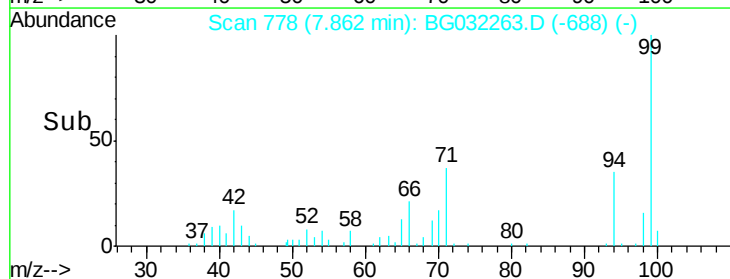
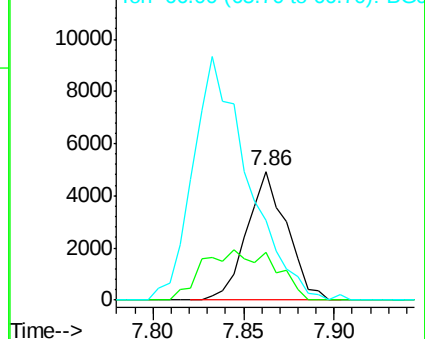
94 100

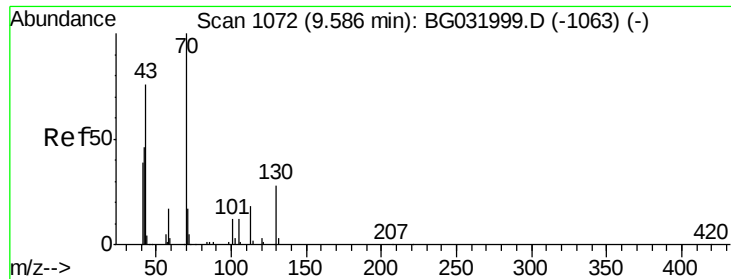
65 37.1 11.9 51.9

66 62.0 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

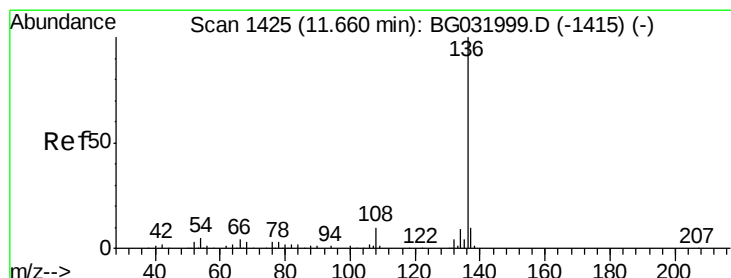
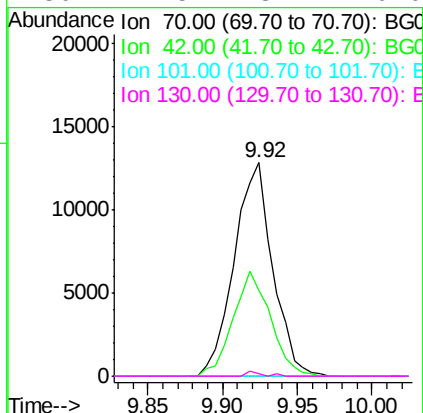
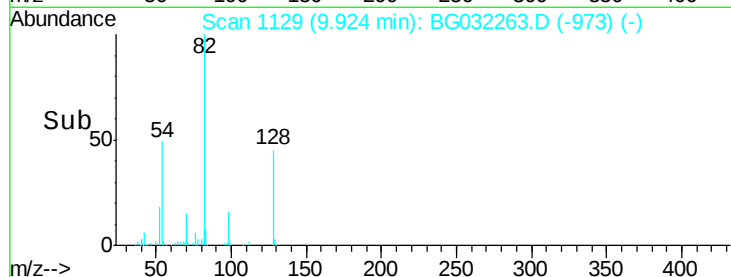
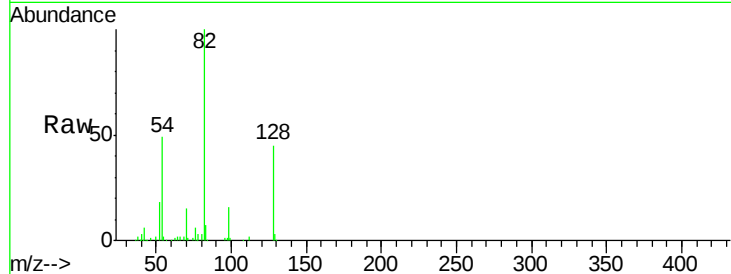




#19
n-Nitroso-di-n-propylamine
Concen: 14.276 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.38 min
Lab File: BG032263.D
Acq: 24 Jan 2018 16:32

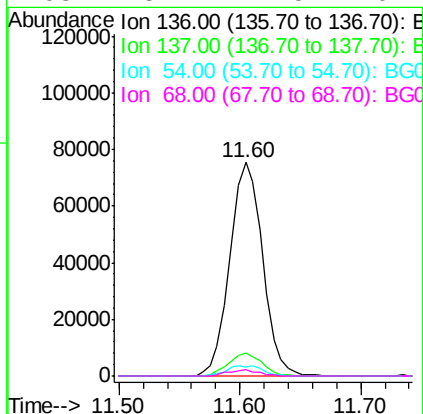
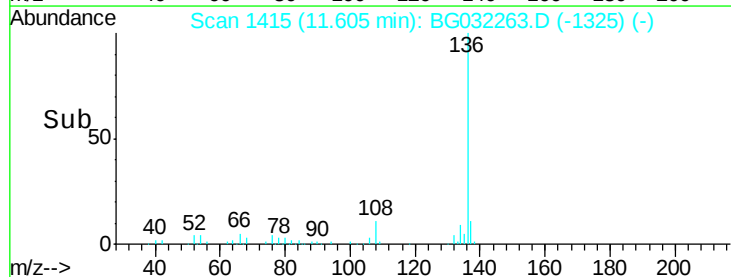
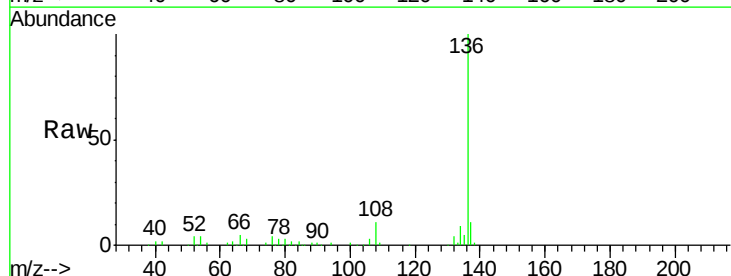
Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(110-112)

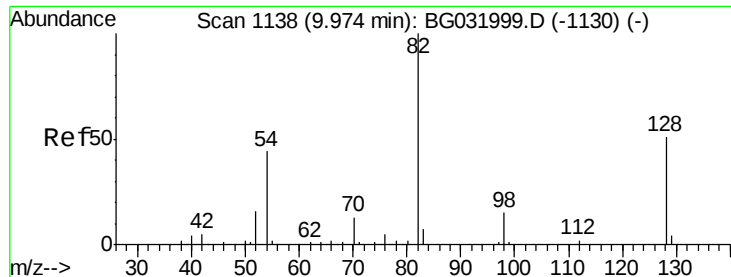
Tgt Ion: 70 Resp: 23037
Ion Ratio Lower Upper
70 100
42 40.2 49.1 73.7#
101 0.0 8.5 12.7#
130 1.5 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BG032263.D
Acq: 24 Jan 2018 16:32

Tgt Ion: 136 Resp: 142596
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 4.4 10.3 15.5#
68 3.1 4.5 6.7#

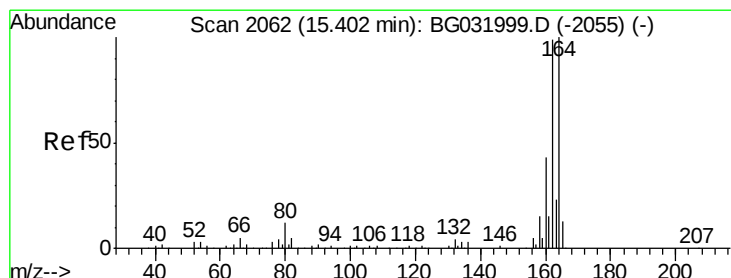
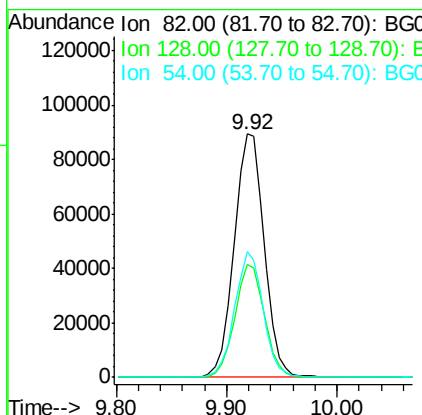
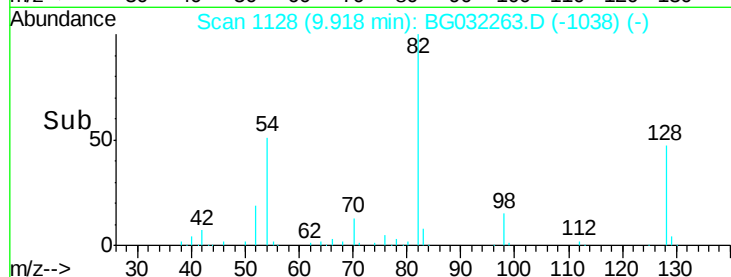
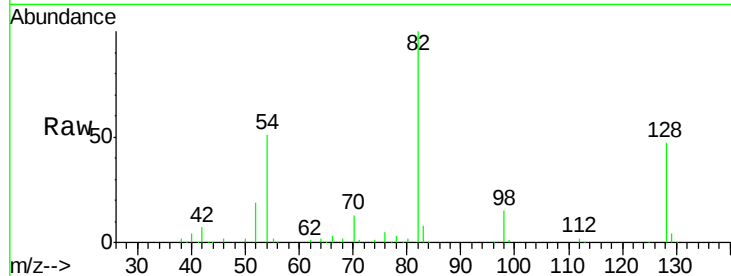




#23
 Nitrobenzene-d5
 Concen: 80.937 ng
 RT: 9.92 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BG032263.D
 Acq: 24 Jan 2018 16:32

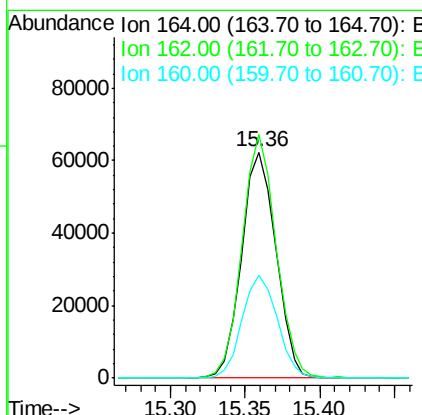
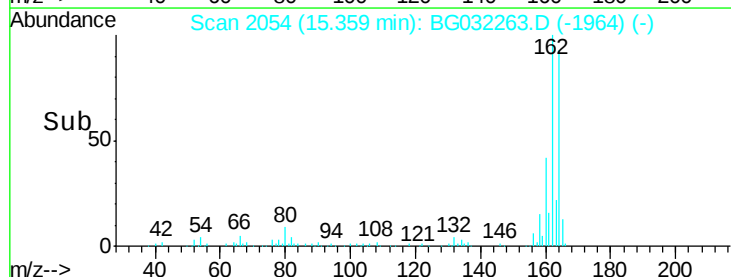
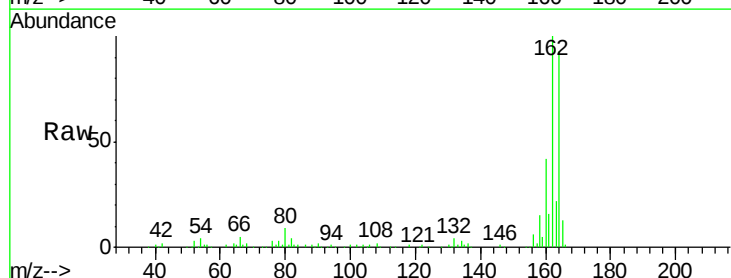
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(110-112)

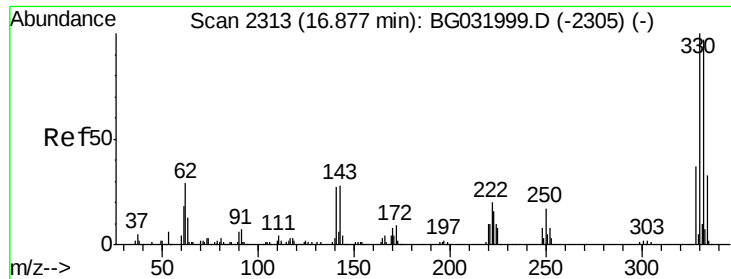
Tgt Ion: 82 Resp: 170592
 Ion Ratio Lower Upper
 82 100
 128 46.6 29.7 44.5#
 54 51.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG032263.D
 Acq: 24 Jan 2018 16:32

Tgt Ion: 164 Resp: 99199
 Ion Ratio Lower Upper
 164 100
 162 107.9 78.8 118.2
 160 45.4 35.4 53.0

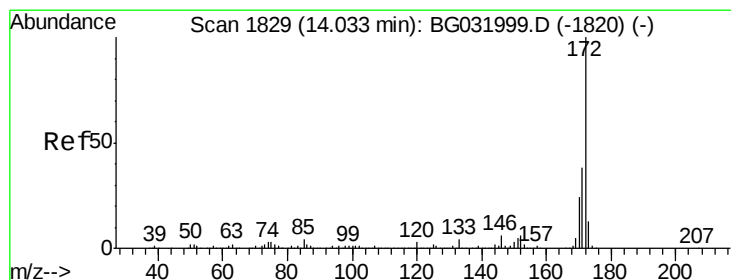
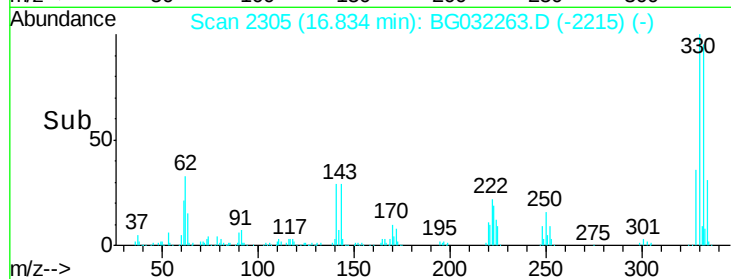
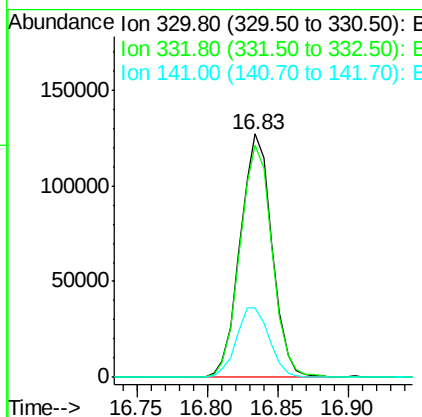
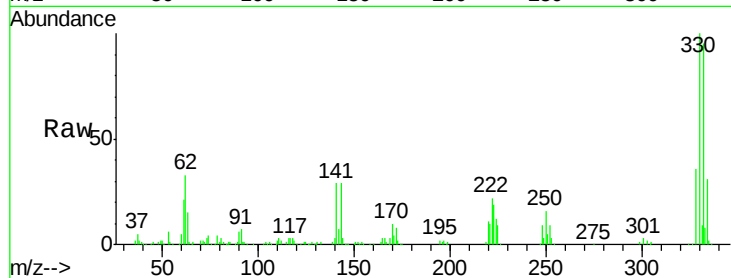




#41
 2,4,6-Tribromophenol
 Concen: 122.010 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: BG032263.D
 Acq: 24 Jan 2018 16:32

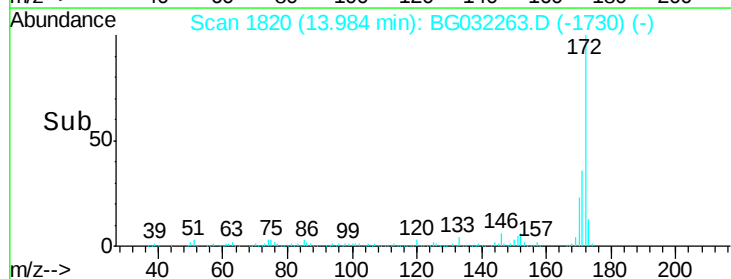
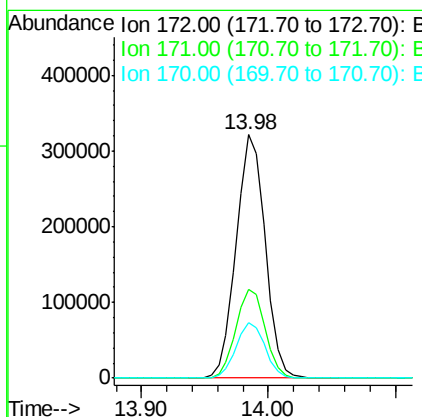
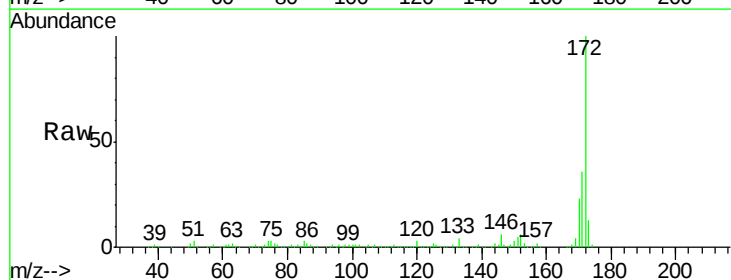
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(110-112)

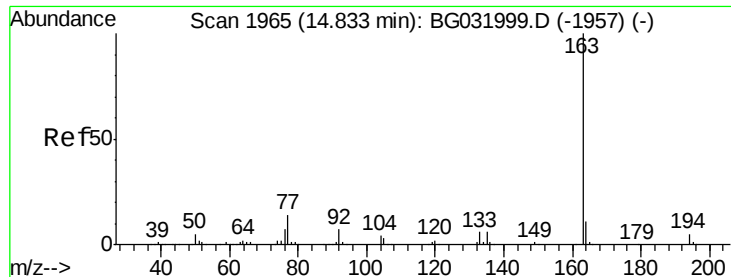
Tgt Ion:330 Resp: 200281
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 29.7 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 63.553 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG032263.D
 Acq: 24 Jan 2018 16:32

Tgt Ion:172 Resp: 508439
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.0 45.0
 170 22.6 19.5 29.3





#49

Dimethylphthalate

Concen: 7.922 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG032263.D

Acq: 24 Jan 2018 16:32

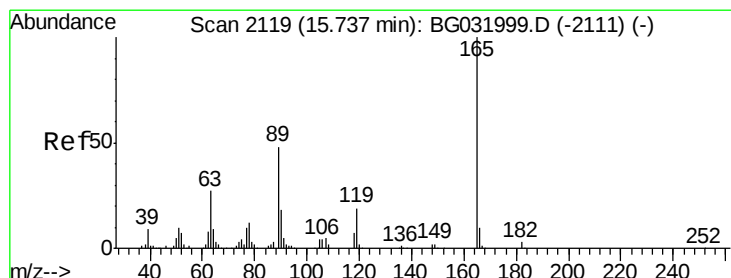
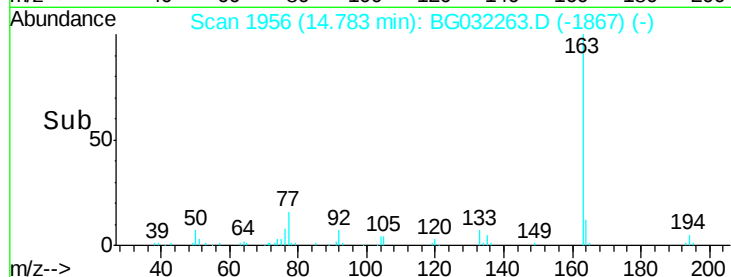
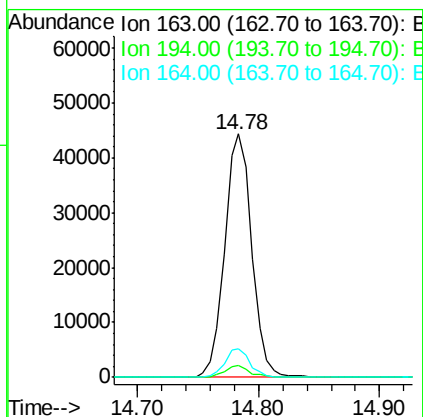
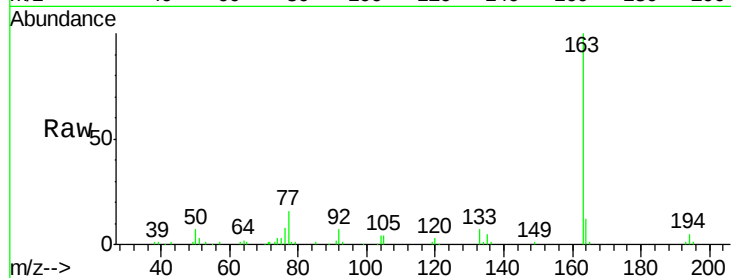
Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(110-112)

Tgt Ion:	163	Resp:	68765
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.4	5.2
164	11.8	8.2	12.4



#56

2,4-Dinitrotoluene

Concen: 5.277 ng

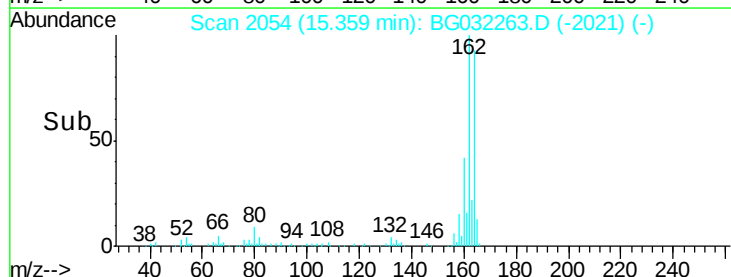
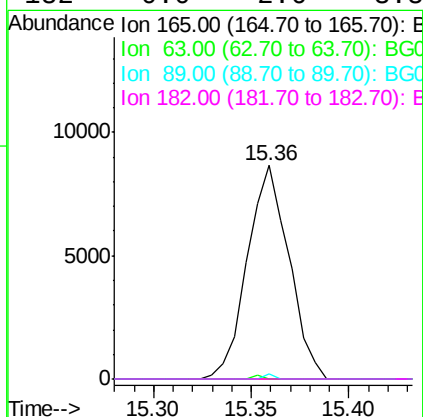
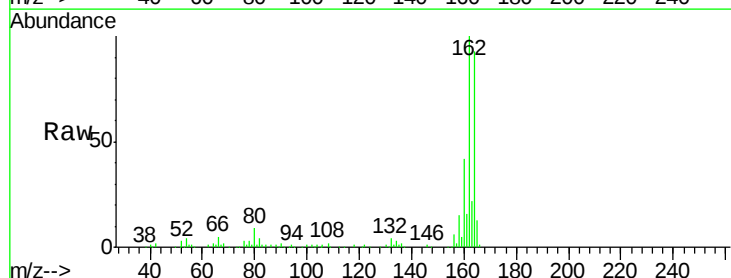
RT: 15.36 min Scan# 2054

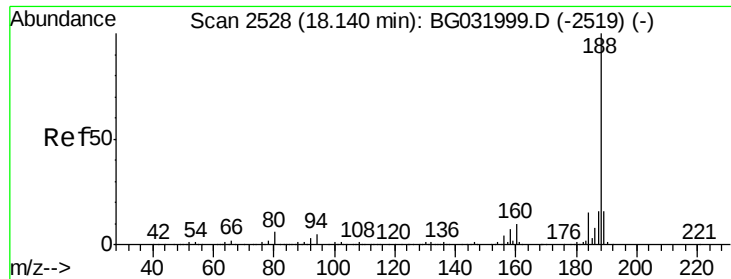
Delta R.T. -0.34 min

Lab File: BG032263.D

Acq: 24 Jan 2018 16:32

Tgt Ion:	165	Resp:	12802
Ion Ratio	Lower	Upper	
165	100		
63	0.0	42.0	63.0#
89	2.3	66.9	100.3#
182	0.0	2.6	3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.09 min Scan# 2519

Delta R.T. -0.00 min

Lab File: BG032263.D

Acq: 24 Jan 2018 16:32

Instrument :

BNA_G

ClientSampleId :

EPE-106-4A(110-112)

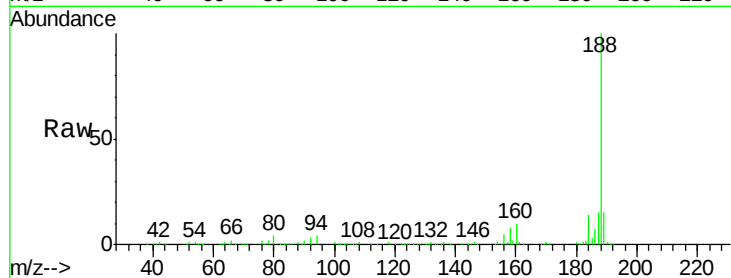
Tgt Ion:188 Resp: 279975

Ion Ratio Lower Upper

188 100

94 4.4 6.9 10.3#

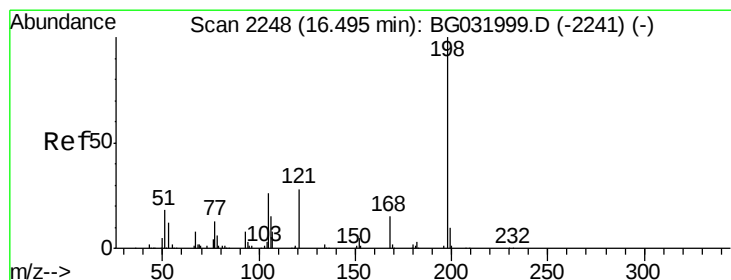
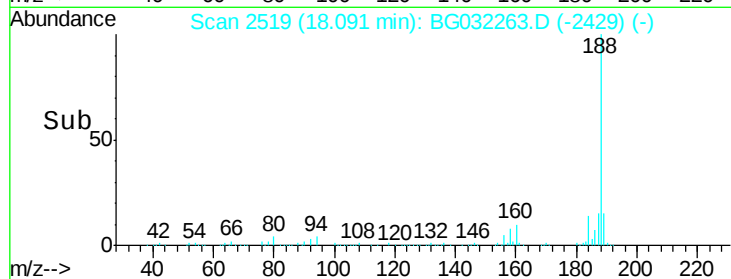
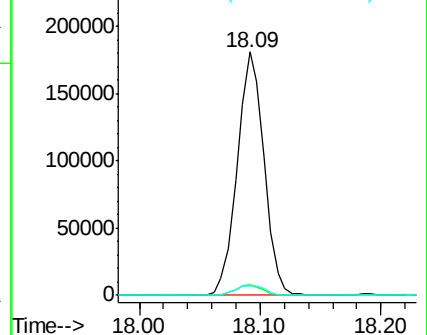
80 3.7 7.7 11.5#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.228 ng

RT: 16.84 min Scan# 2306

Delta R.T. 0.38 min

Lab File: BG032263.D

Acq: 24 Jan 2018 16:32

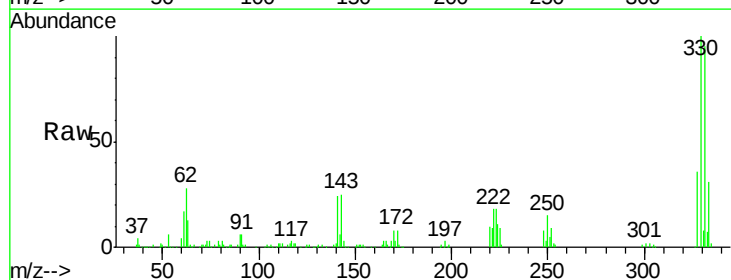
Tgt Ion:198 Resp: 686

Ion Ratio Lower Upper

198 100

51 84.3 30.6 70.6#

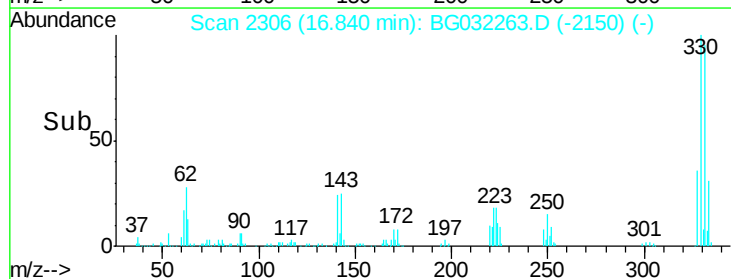
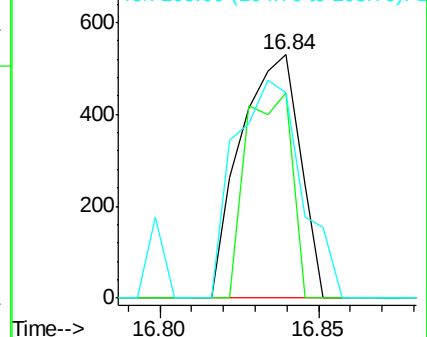
105 84.5 23.8 63.8#

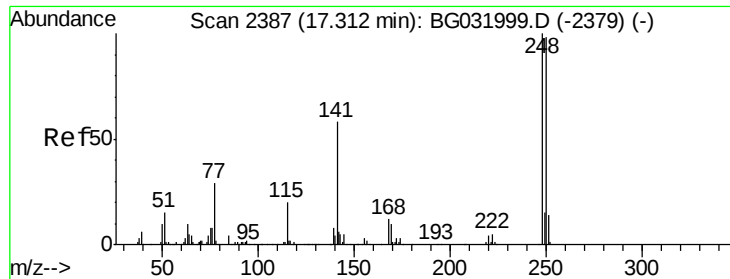


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

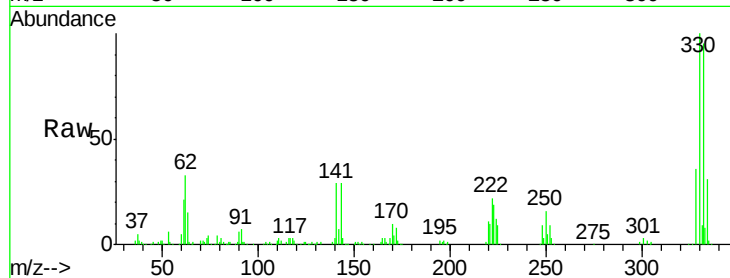




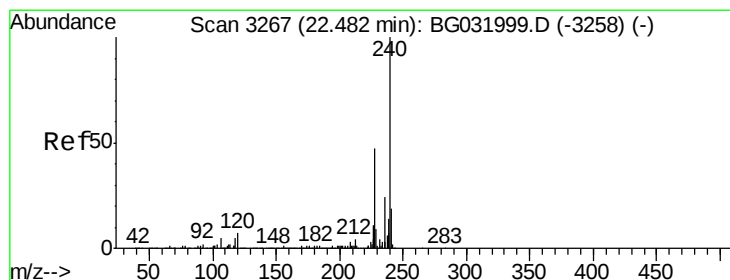
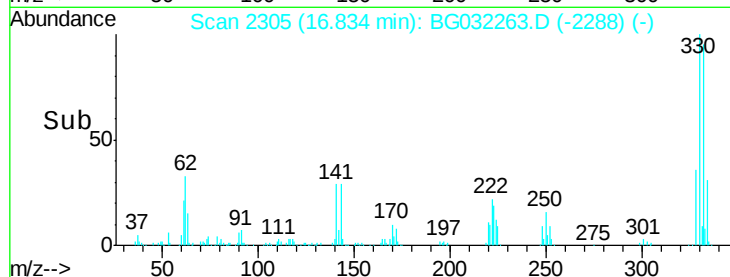
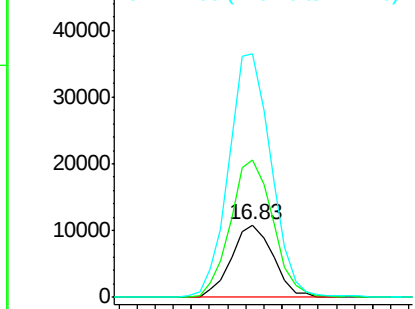
#66
4-Bromophenyl-phenylether
Concen: 4.370 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.43 min
Lab File: BG032263.D
Acq: 24 Jan 2018 16:32

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(110-112)

Tgt Ion:248 Resp: 17409
Ion Ratio Lower Upper
248 100
250 189.2 77.1 115.7#
141 335.8 50.8 76.2#

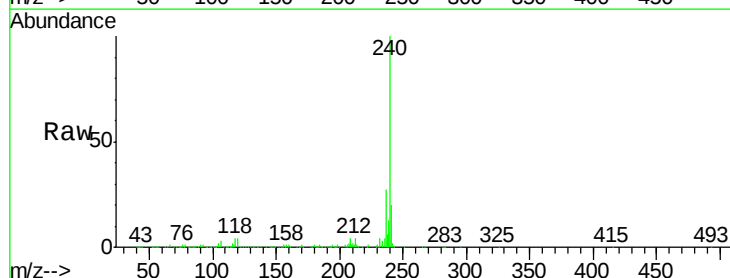


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

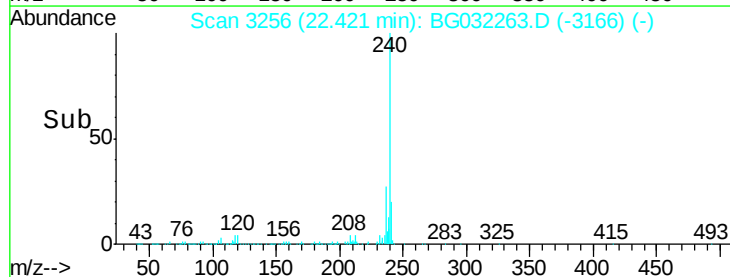
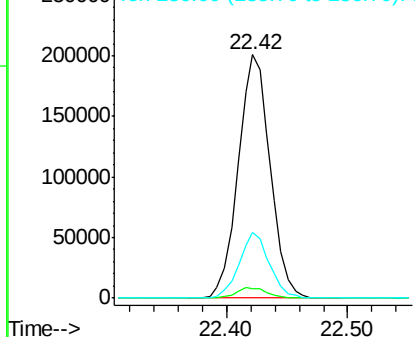


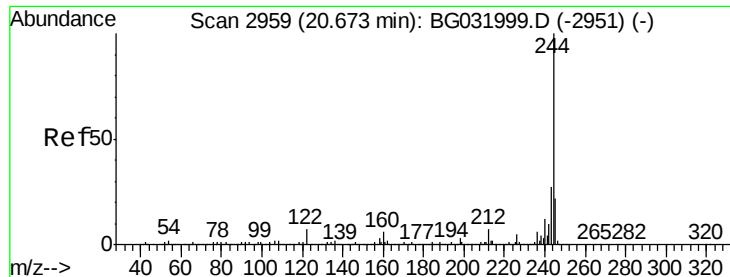
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BG032263.D
Acq: 24 Jan 2018 16:32

Tgt Ion:240 Resp: 368901
Ion Ratio Lower Upper
240 100
120 3.9 6.8 10.2#
236 27.0 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

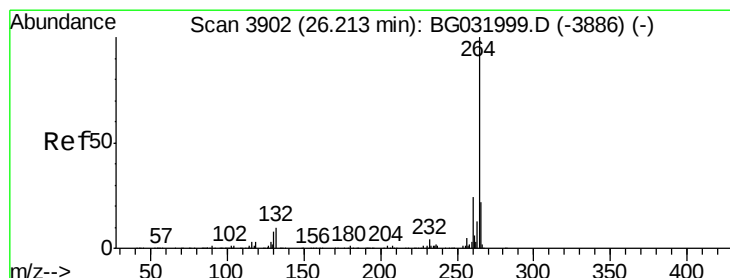
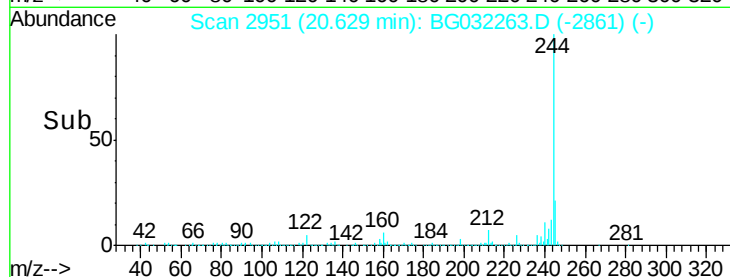
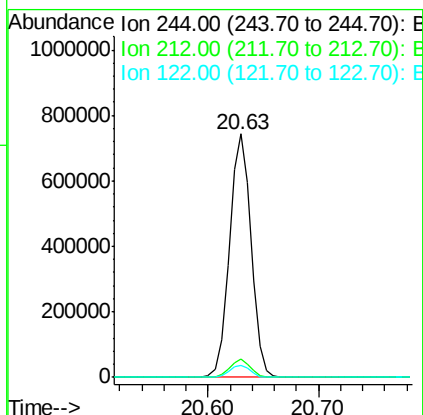
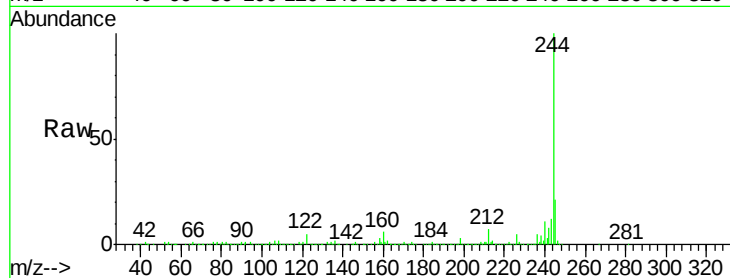




#78
 Terphenyl-d14
 Concen: 60.855 ng
 RT: 20.63 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: BG032263.D
 Acq: 24 Jan 2018 16:32

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-4A(110-112)

Tgt Ion:244 Resp: 1016717
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 5.1 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.11 min Scan# 3884
 Delta R.T. 0.00 min
 Lab File: BG032263.D
 Acq: 24 Jan 2018 16:32

Tgt Ion:264 Resp: 382500
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.4 26.0
 265 21.8 17.7 26.5

