

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
 Data File : BG031718.D
 Acq On : 22 Dec 2017 19:25
 Operator : SJ/JU
 Sample : I7002-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-3DS(65-67)

Quant Time: Dec 23 01:39:51 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

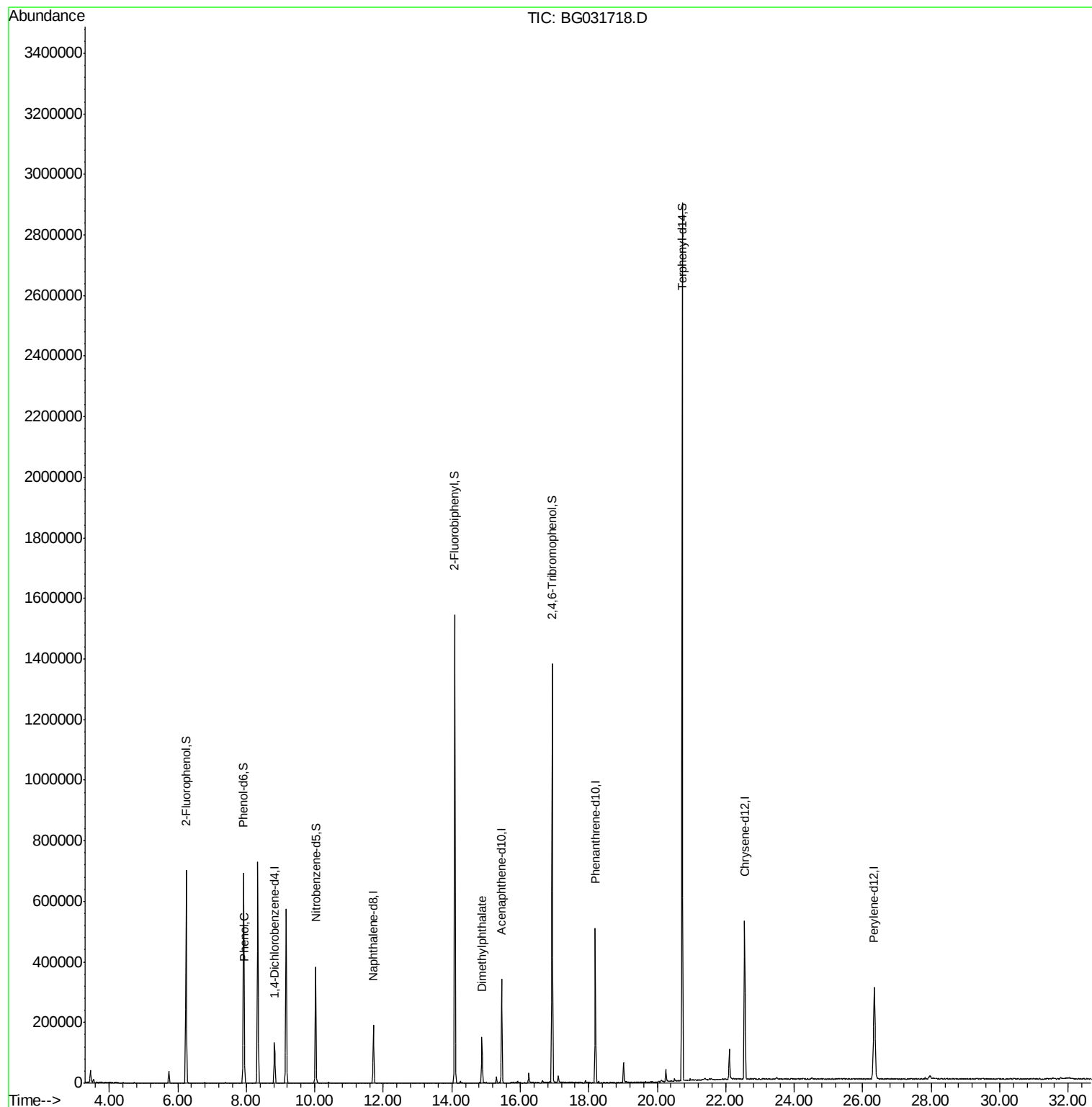
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	46667	20.00	ng	-0.02
21) Naphthalene-d8	11.71	136	192080	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	136590	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	352700	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	414875	20.00	ng	-0.02
86) Perylene-d12	26.34	264	437546	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	384921	150.23	ng	0.00
7) Phenol-d6	7.92	99	493945	148.49	ng	0.00
23) Nitrobenzene-d5	10.03	82	254153	99.91	ng	-0.01
41) 2,4,6-Tribromophenol	16.94	330	337032	161.71	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	922654	84.78	ng	-0.01
78) Terphenyl-d14	20.73	244	1623843	89.42	ng	-0.01
Target Compounds						
10) Phenol	7.95	94	15994	4.762	ng	88
49) Dimethylphthalate	14.88	163	120806	10.040	ng	99

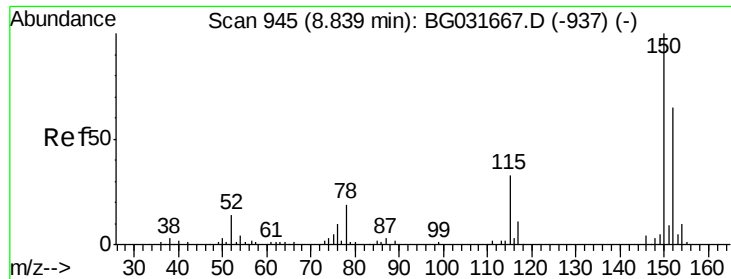
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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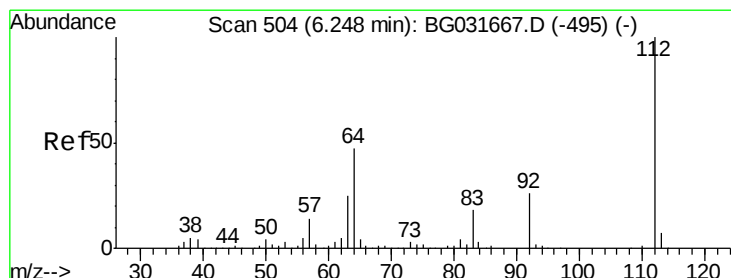
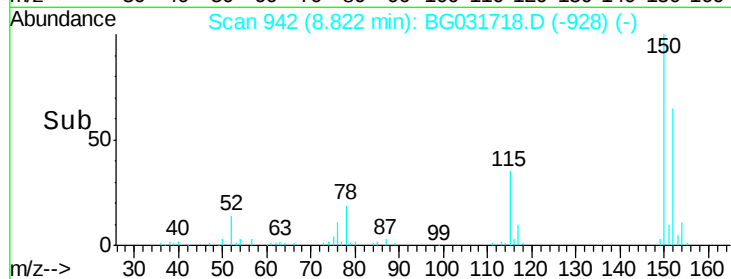
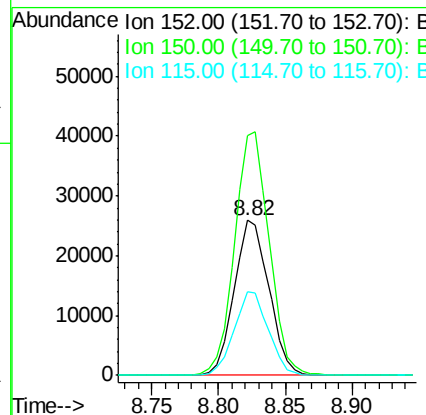
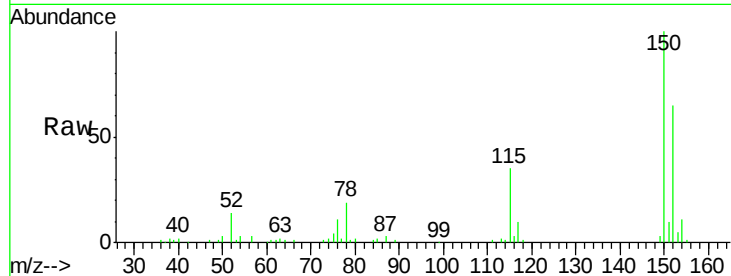


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(65-67)

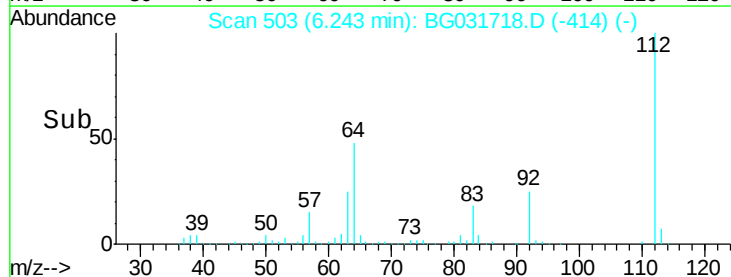
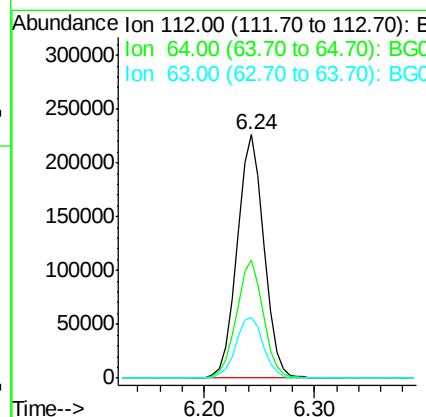
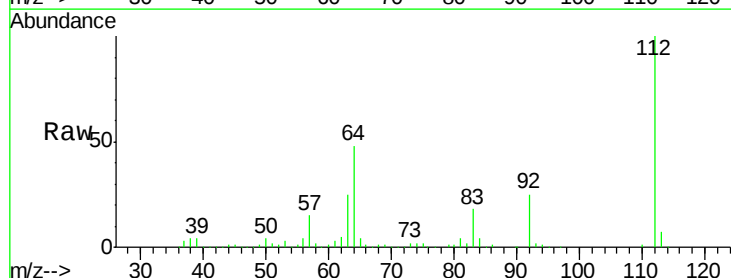
Tgt Ion:152 Resp: 46667
Ion Ratio Lower Upper
152 100
150 154.9 126.6 189.8
115 54.4 53.0 79.4

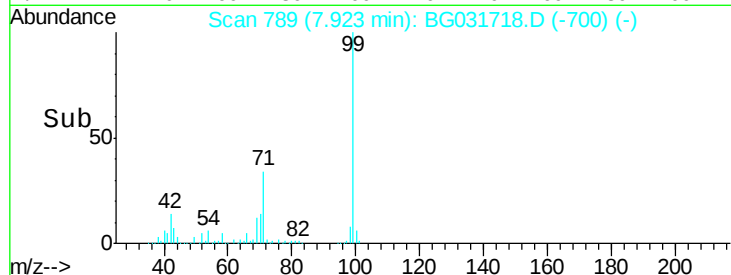
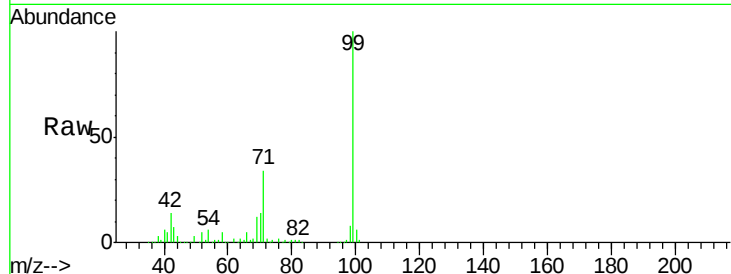
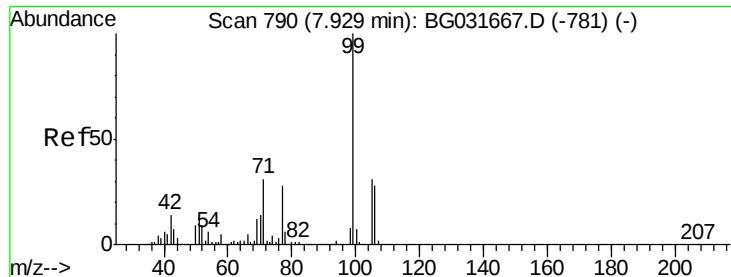


#5

2-Fluorophenol
Concen: 150.232 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Tgt Ion:112 Resp: 384921
Ion Ratio Lower Upper
112 100
64 48.4 56.3 84.5#
63 24.8 30.1 45.1#





#7

Phenol-d6

Concen: 148.486 ng

RT: 7.92 min Scan# 789

Delta R.T. -0.01 min

Lab File: BG031718.D

Acq: 22 Dec 2017 19:25

Instrument :

BNA_G

ClientSampleId :

EPE-106-3DS(65-67)

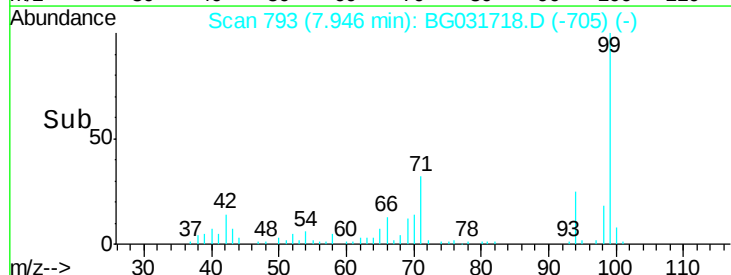
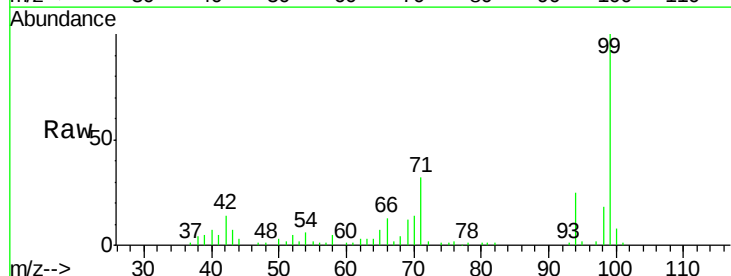
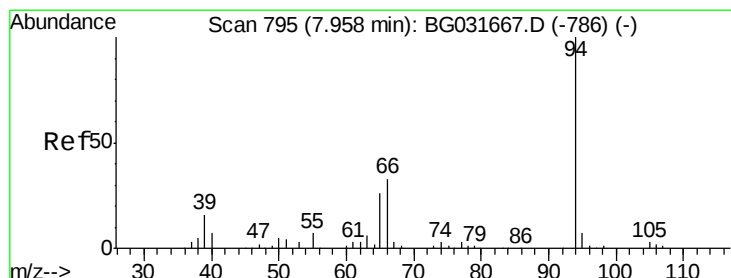
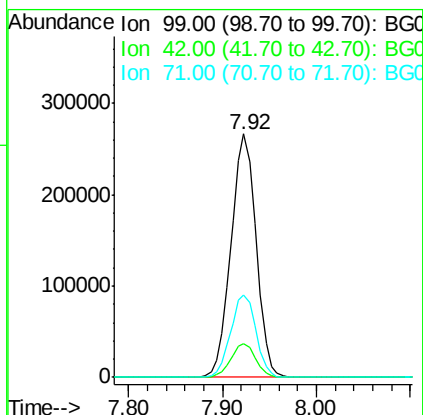
Tgt Ion: 99 Resp: 493945

Ion Ratio Lower Upper

99 100

42 13.7 14.1 21.1#

71 33.8 26.1 39.1



#10

Phenol

Concen: 4.762 ng

RT: 7.95 min Scan# 793

Delta R.T. -0.01 min

Lab File: BG031718.D

Acq: 22 Dec 2017 19:25

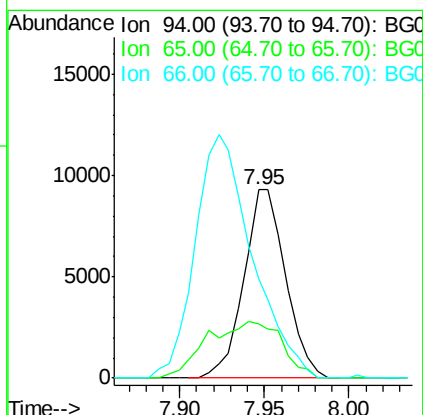
Tgt Ion: 94 Resp: 15994

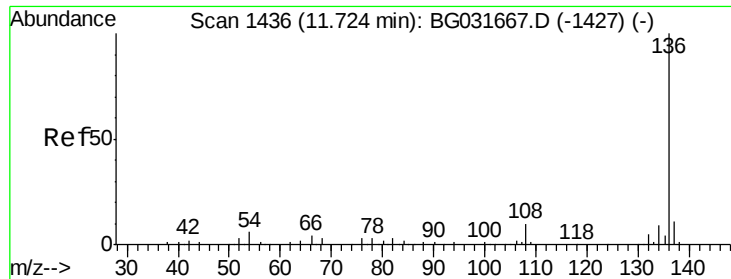
Ion Ratio Lower Upper

94 100

65 28.6 11.9 51.9

66 52.4 22.2 62.2

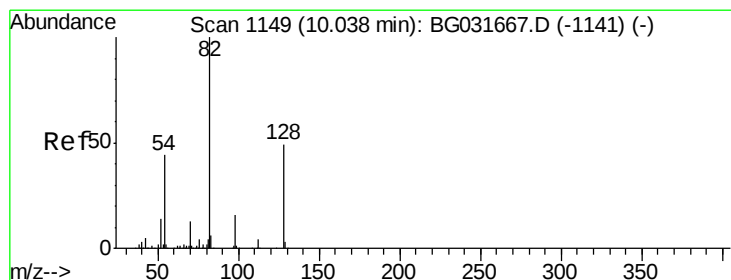
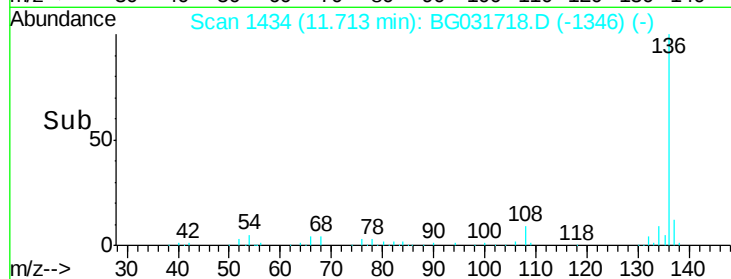
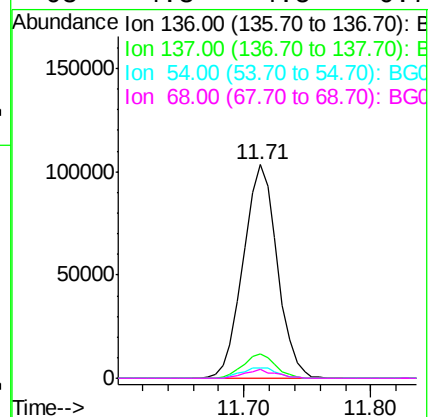
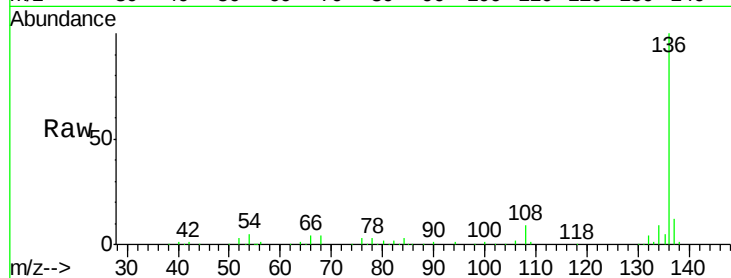




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

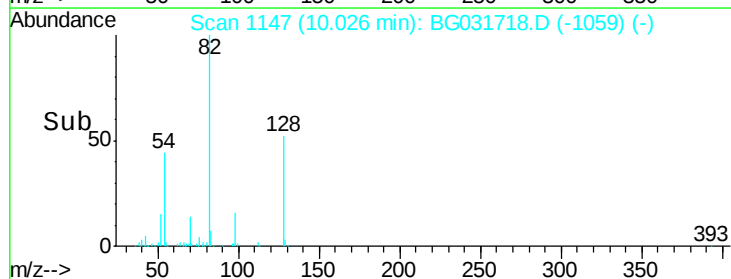
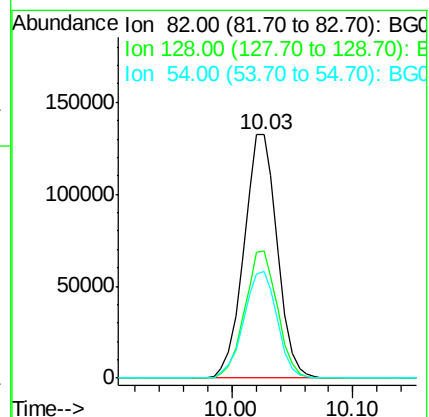
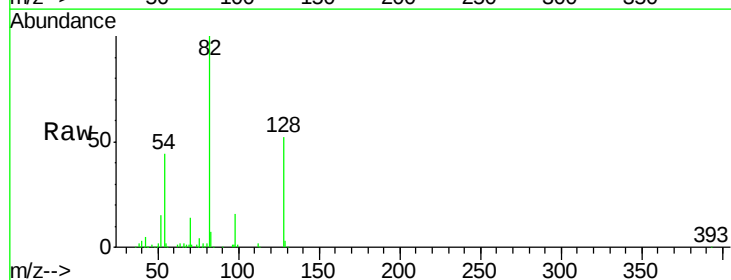
Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(65-67)

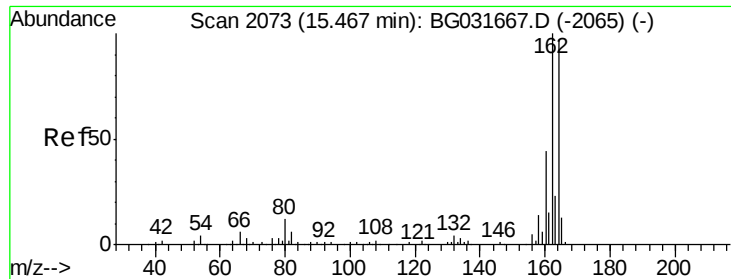
Tgt Ion:	136	Resp:	192080
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	4.6	10.3	15.5#
68	4.3	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 99.915 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Tgt Ion:	82	Resp:	254153
Ion	Ratio	Lower	Upper
82	100		
128	52.3	29.7	44.5#
54	44.1	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.46 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BG031718.D

Acq: 22 Dec 2017 19:25

Instrument :

BNA_G

ClientSampleId :

EPE-106-3DS(65-67)

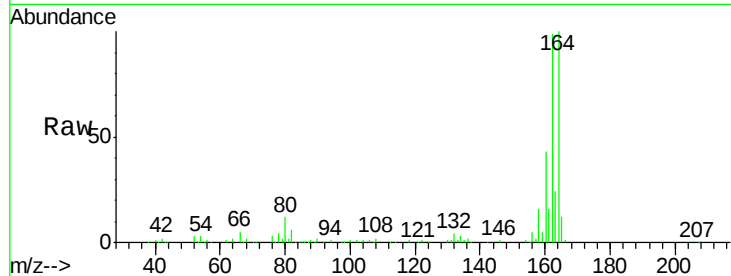
Tgt Ion:164 Resp: 136590

Ion Ratio Lower Upper

164 100

162 98.7 78.8 118.2

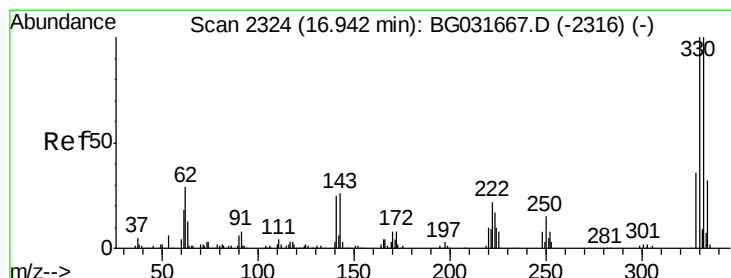
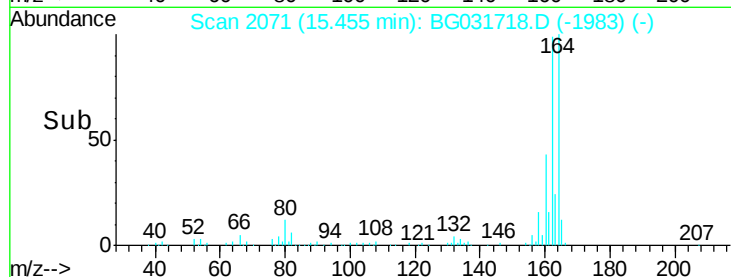
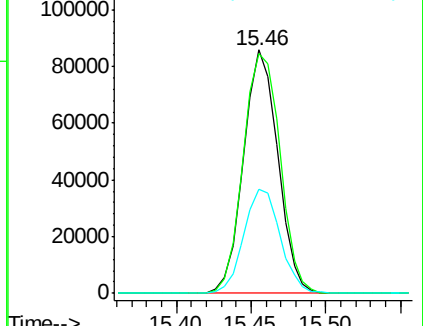
160 42.8 35.4 53.0



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: 161.710 ng

RT: 16.94 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BG031718.D

Acq: 22 Dec 2017 19:25

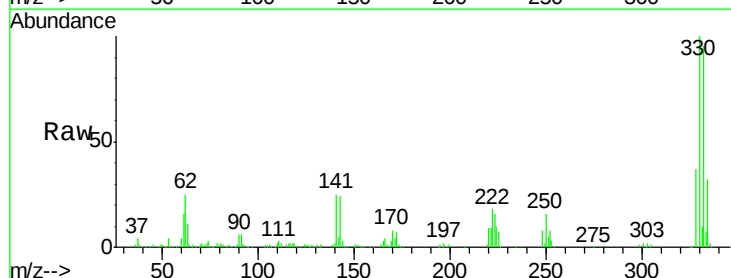
Tgt Ion:330 Resp: 337032

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

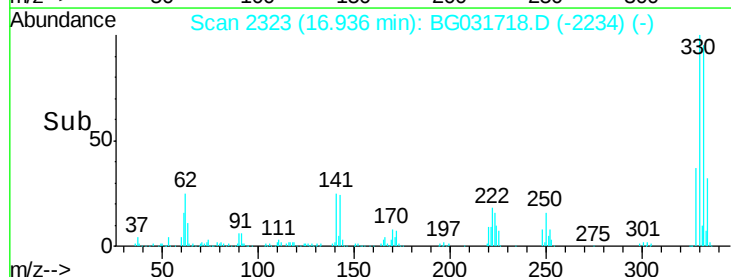
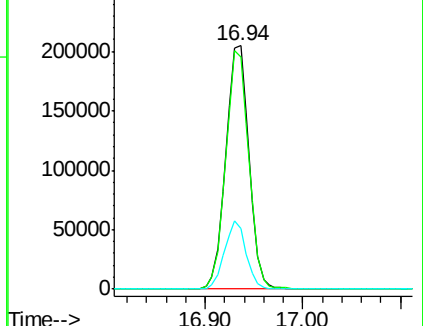
141 26.2 25.2 37.8

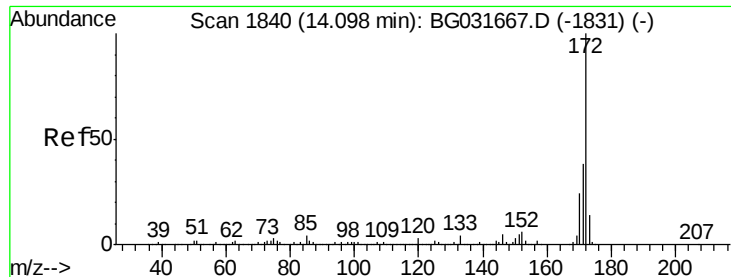


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

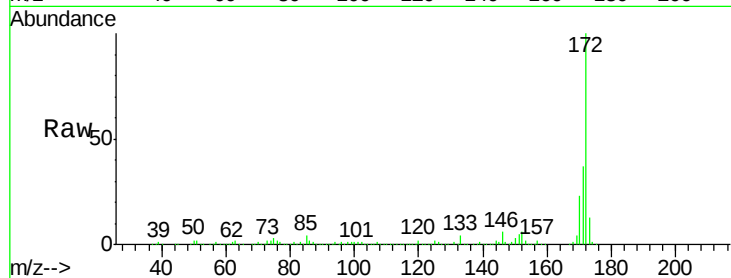




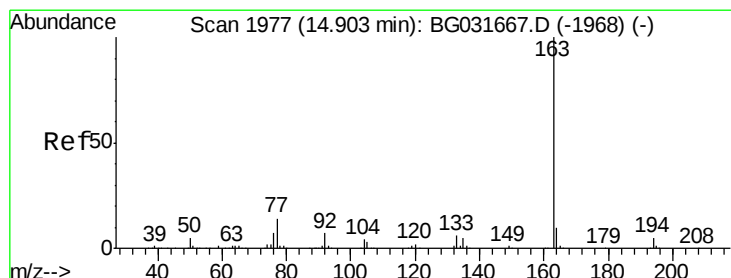
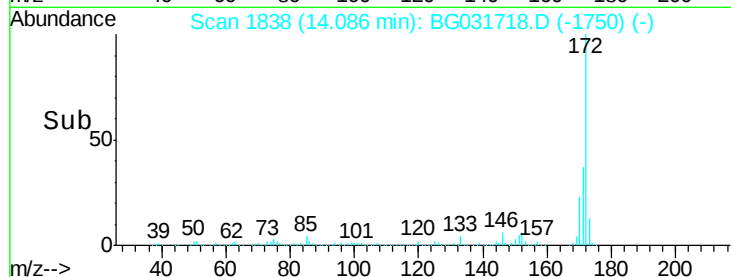
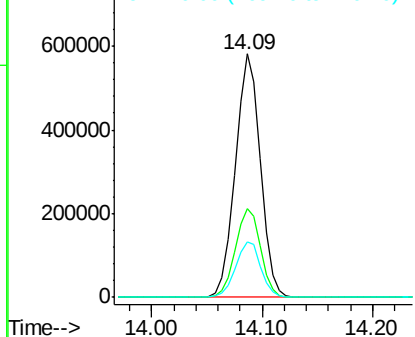
#44
2-Fluorobiphenyl
Concen: 84.783 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(65-67)

Tgt Ion:172 Resp: 922654
Ion Ratio Lower Upper
172 100
171 36.7 30.0 45.0
170 22.7 19.5 29.3

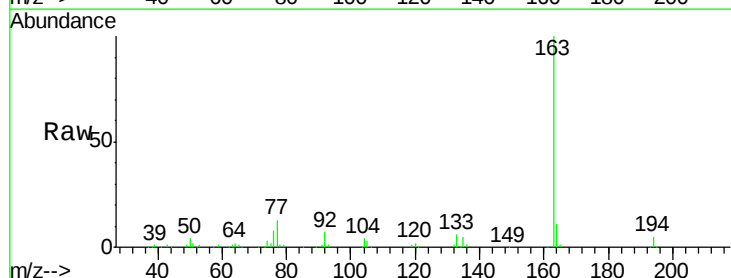


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

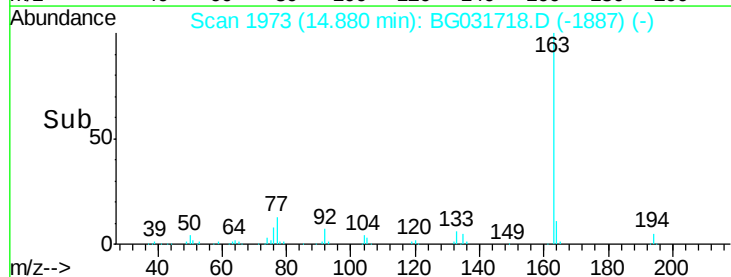
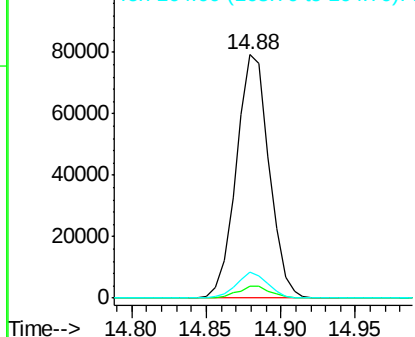


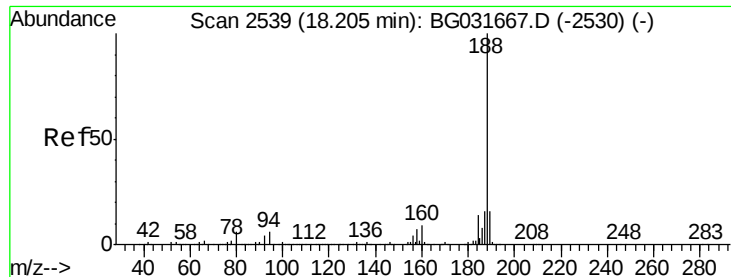
#49
Dimethylphthalate
Concen: 10.040 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG031718.D
Acq: 22 Dec 2017 19:25

Tgt Ion:163 Resp: 120806
Ion Ratio Lower Upper
163 100
194 5.1 3.4 5.2
164 10.6 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: 18.19 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BG031718.D

Acq: 22 Dec 2017 19:25

Instrument :

BNA_G

ClientSampleId :

EPE-106-3DS(65-67)

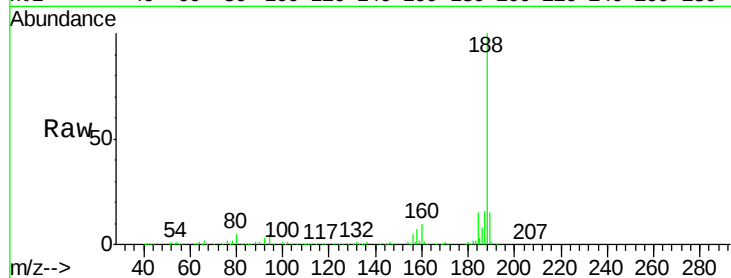
Tgt Ion:188 Resp: 352700

Ion Ratio Lower Upper

188 100

94 4.6 6.9 10.3#

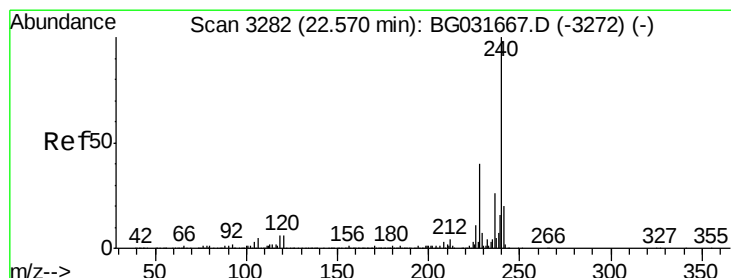
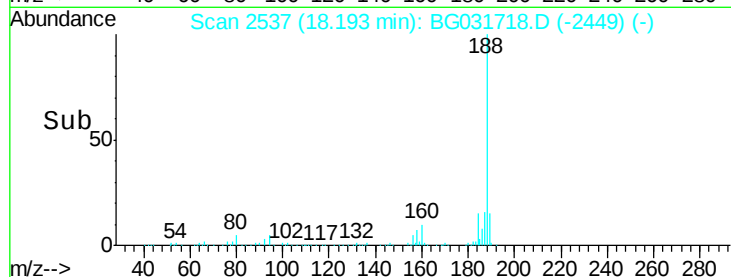
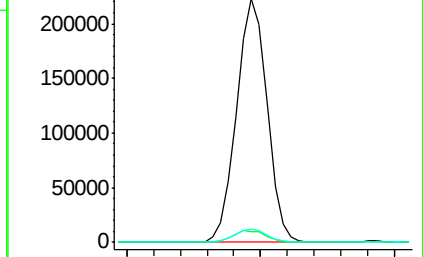
80 5.5 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.02 min

Lab File: BG031718.D

Acq: 22 Dec 2017 19:25

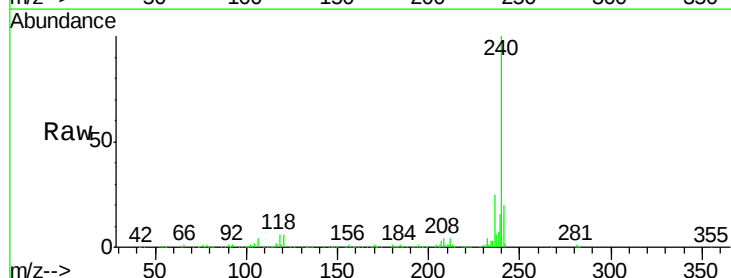
Tgt Ion:240 Resp: 414875

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

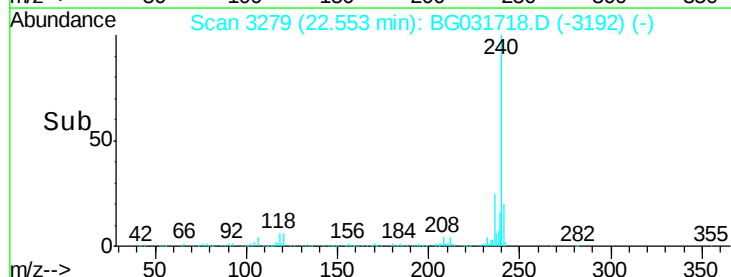
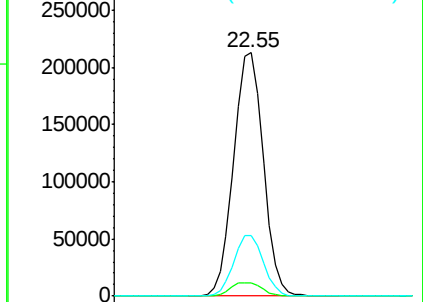
236 25.0 20.9 31.3

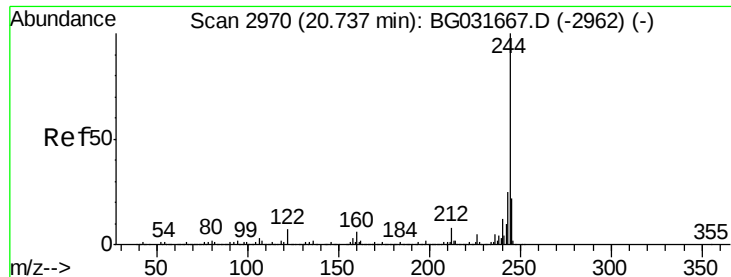


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

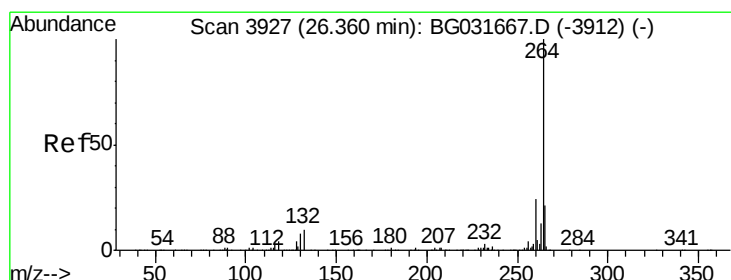
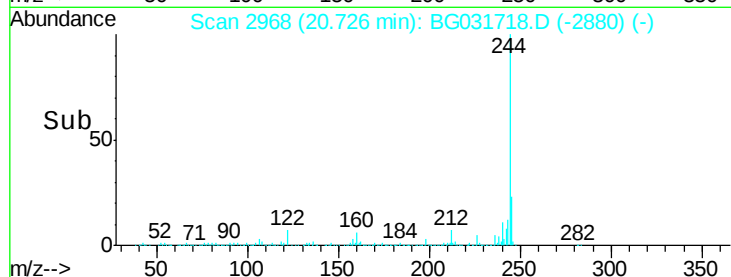
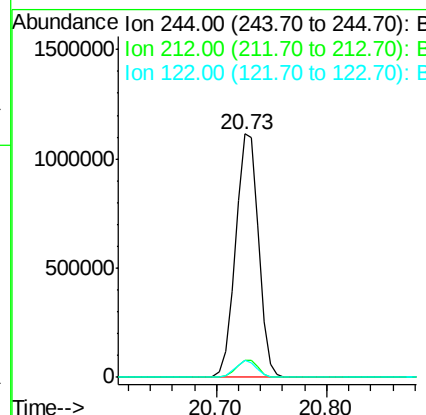
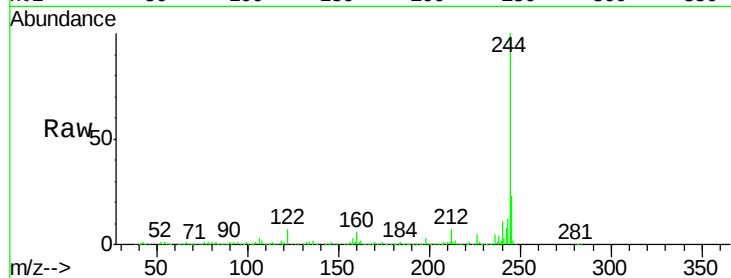




#78
 Terphenyl-d14
 Concen: 89.422 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BG031718.D
 Acq: 22 Dec 2017 19:25

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-3DS(65-67)

Tgt Ion:244 Resp: 1623843
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 7.0 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.34 min Scan# 3923
 Delta R.T. -0.02 min
 Lab File: BG031718.D
 Acq: 22 Dec 2017 19:25

Tgt Ion:264 Resp: 437546
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.4 26.0
 265 22.2 17.7 26.5

