

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
 Data File : BG031750.D
 Acq On : 23 Dec 2017 15:48
 Operator : SJ/JU
 Sample : I7022-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11938

Quant Time: Dec 26 00:29:48 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	45074	20.00	ng	-0.02
21) Naphthalene-d8	11.71	136	175407	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	122141	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	299947	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	349484	20.00	ng	-0.02
86) Perylene-d12	26.34	264	369180	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	308989	124.86	ng	0.00
7) Phenol-d6	7.92	99	359951	112.03	ng	0.00
23) Nitrobenzene-d5	10.02	82	224634	96.70	ng	-0.02
41) 2,4,6-Tribromophenol	16.93	330	257406	138.12	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	830309	85.32	ng	-0.01
78) Terphenyl-d14	20.73	244	1478854	96.68	ng	-0.01

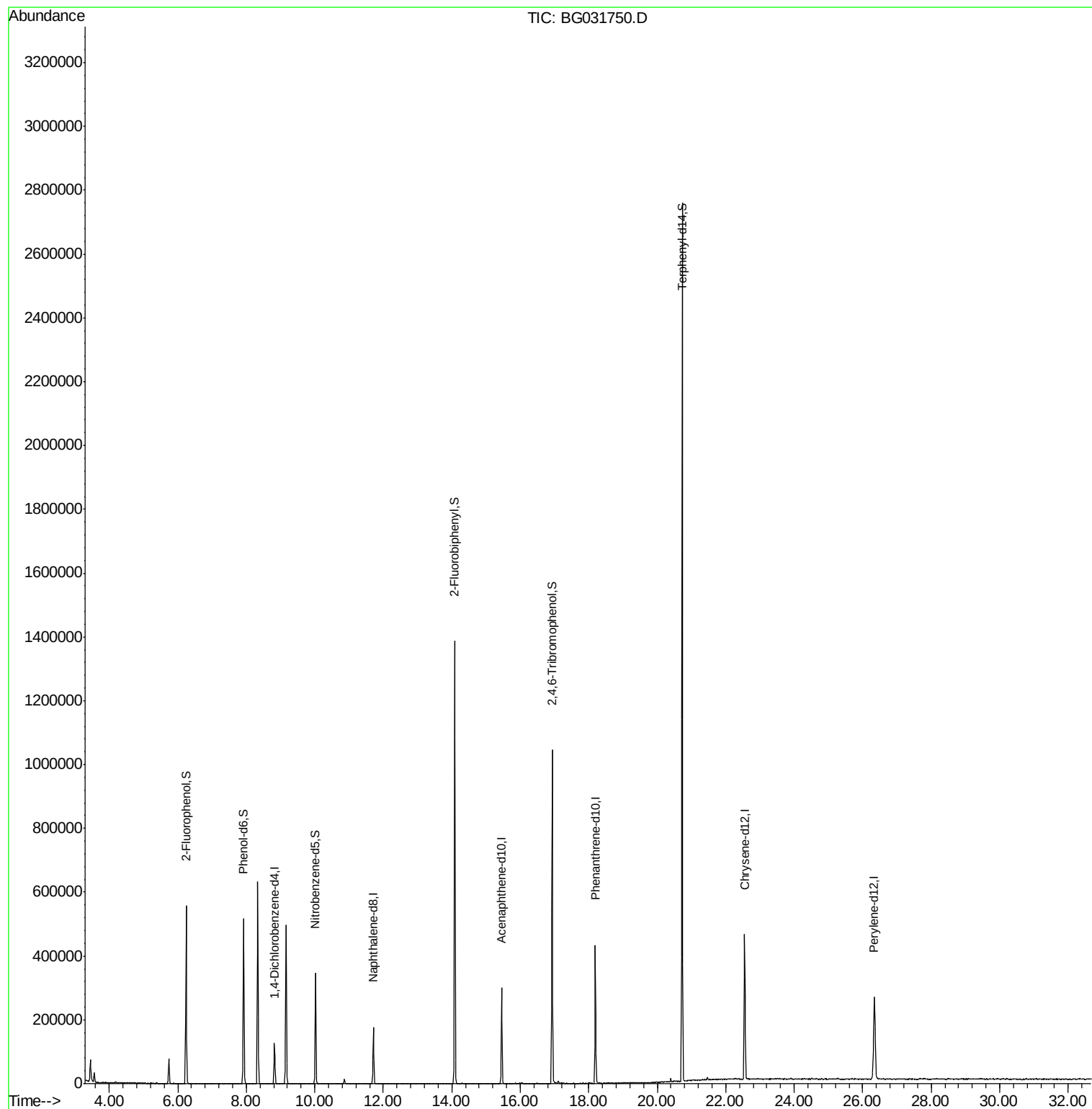
Target Compounds	Qvalue
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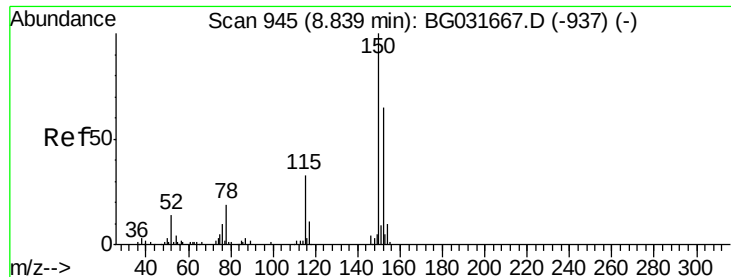
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 22 11:08:55 2017
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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: BG031750.D

Acq: 23 Dec 2017 15:48

Instrument :

BNA_G

ClientSampled :

72-11938

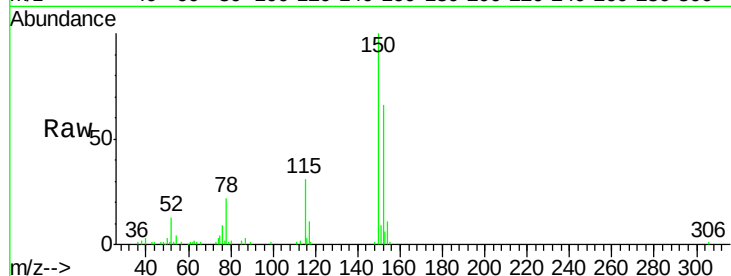
Tgt Ion:152 Resp: 45074

Ion Ratio Lower Upper

152 100

150 150.9 126.6 189.8

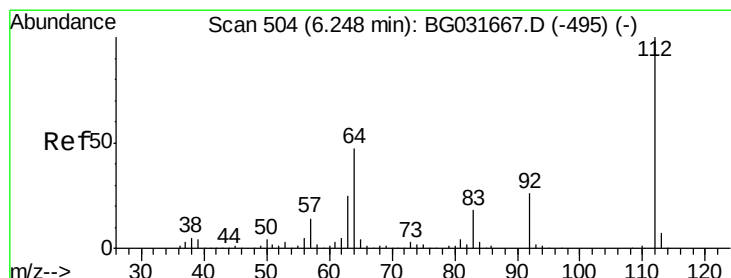
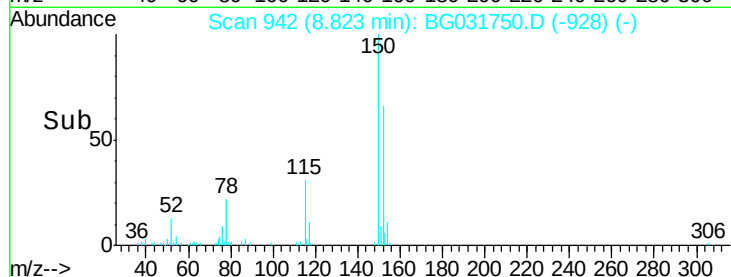
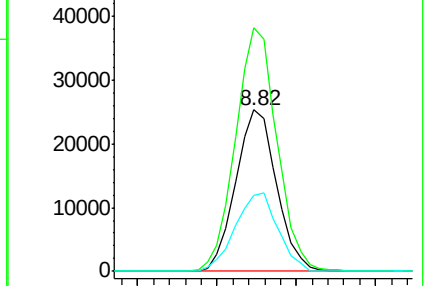
115 47.2 53.0 79.4#



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: 124.859 ng

RT: 6.24 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG031750.D

Acq: 23 Dec 2017 15:48

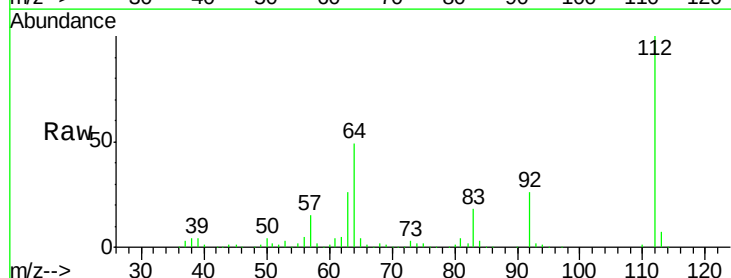
Tgt Ion:112 Resp: 308989

Ion Ratio Lower Upper

112 100

64 48.9 56.3 84.5#

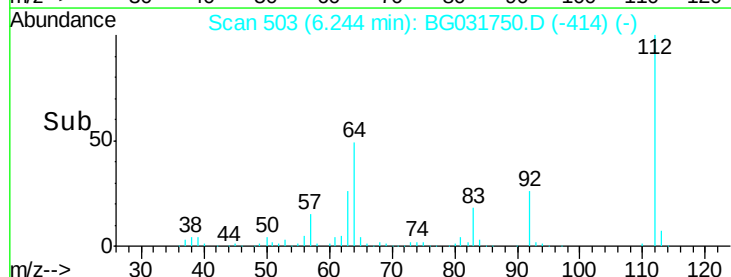
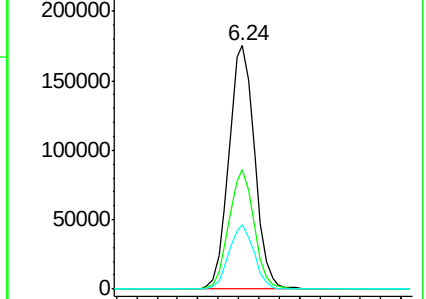
63 26.5 30.1 45.1#

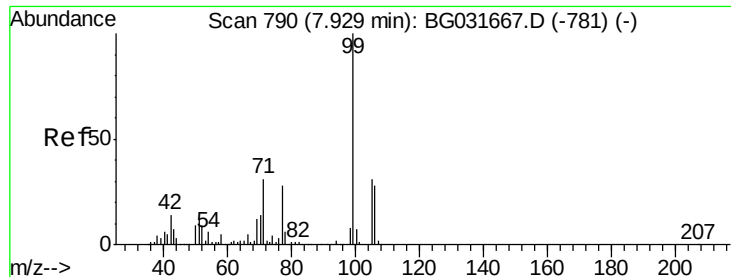


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 112.030 ng

RT: 7.92 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031750.D

Acq: 23 Dec 2017 15:48

Instrument :

BNA_G

ClientSampleId :

72-11938

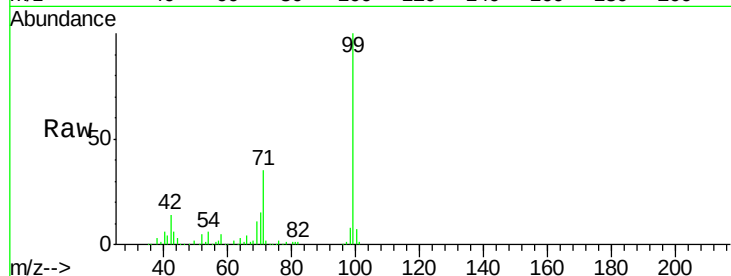
Tgt Ion: 99 Resp: 359951

Ion Ratio Lower Upper

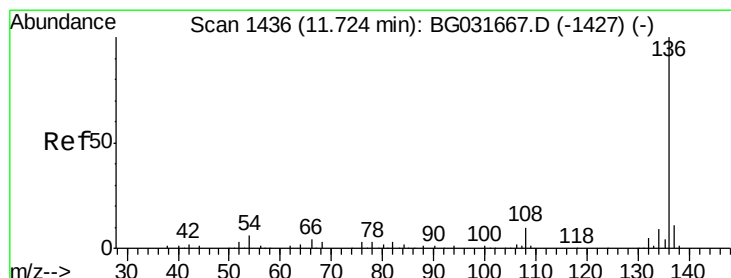
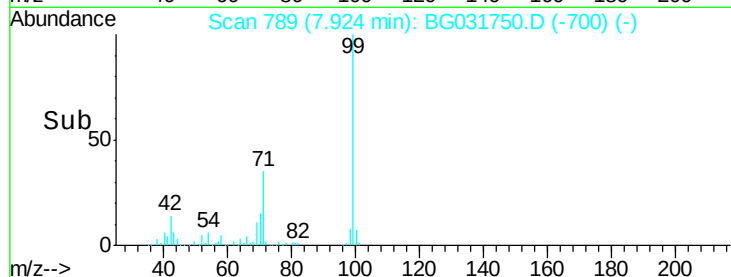
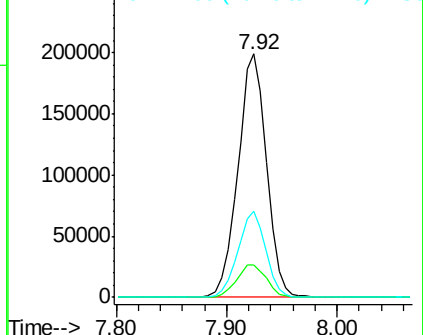
99 100

42 13.6 14.1 21.1#

71 35.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.71 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BG031750.D

Acq: 23 Dec 2017 15:48

Tgt Ion: 136 Resp: 175407

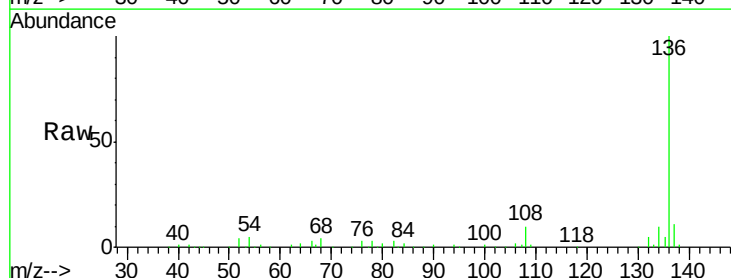
Ion Ratio Lower Upper

136 100

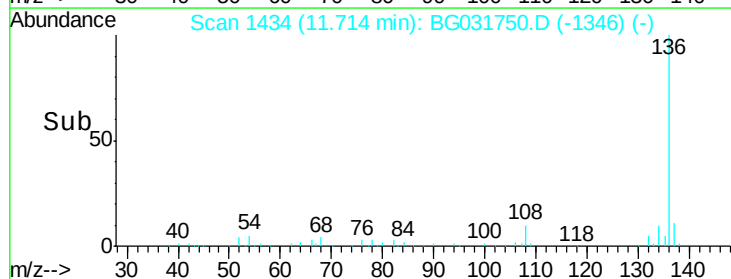
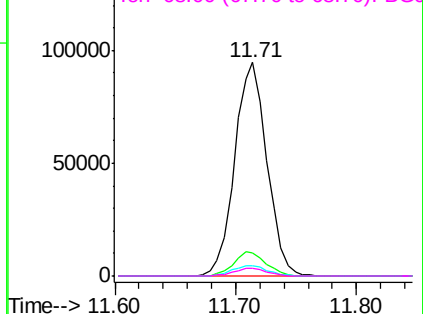
137 11.0 9.2 13.8

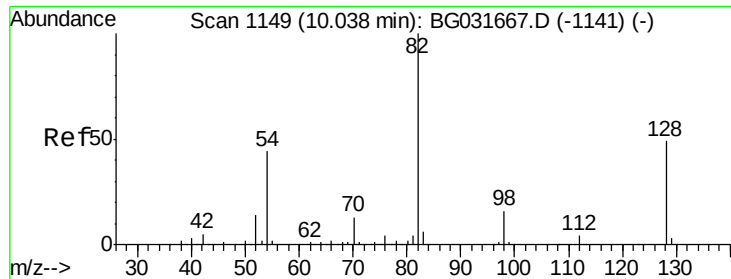
54 4.7 10.3 15.5#

68 3.6 4.5 6.7#



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

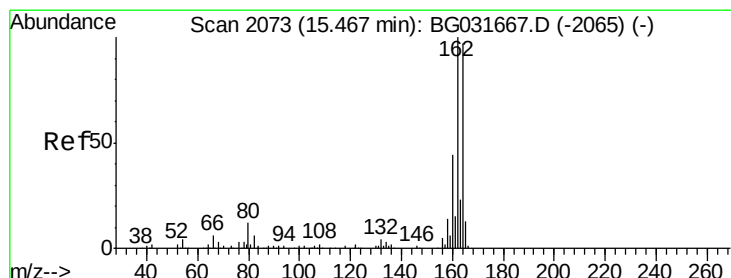
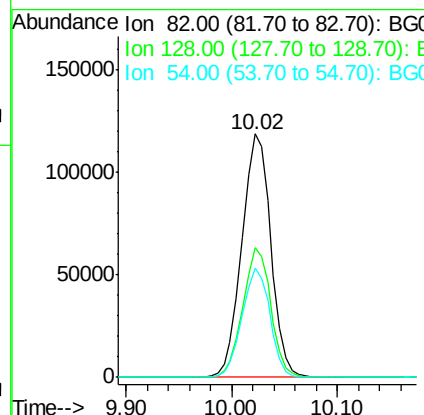
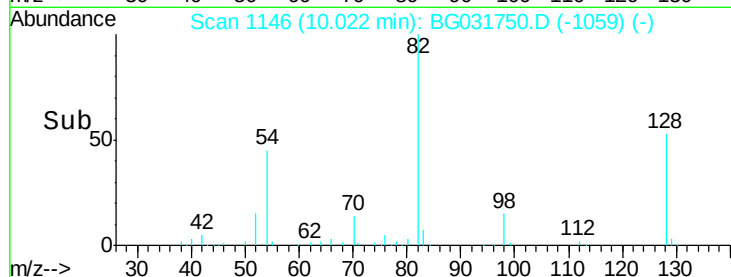
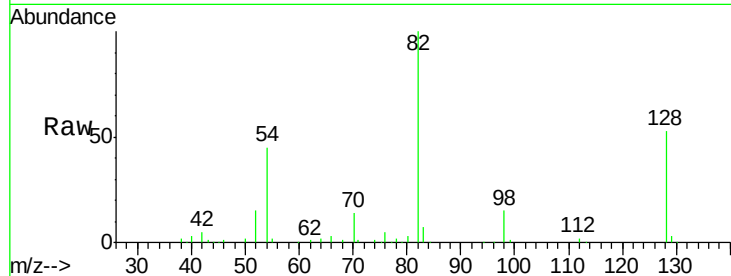




#23
 Nitrobenzene-d5
 Concen: 96.704 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BG031750.D
 Acq: 23 Dec 2017 15:48

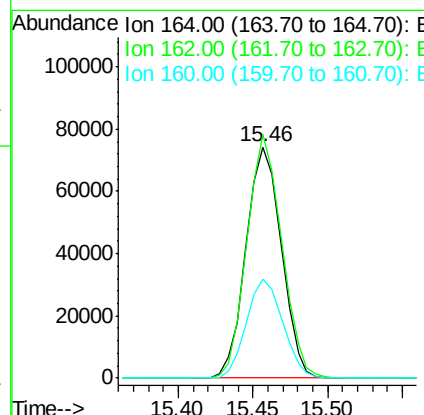
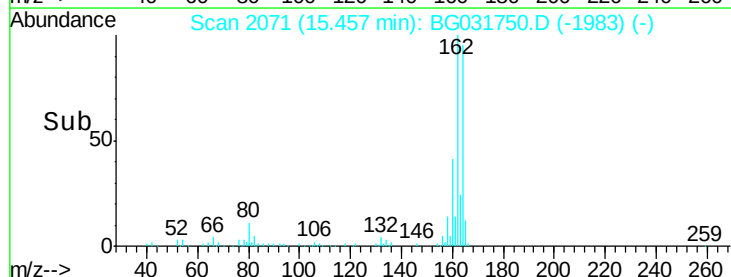
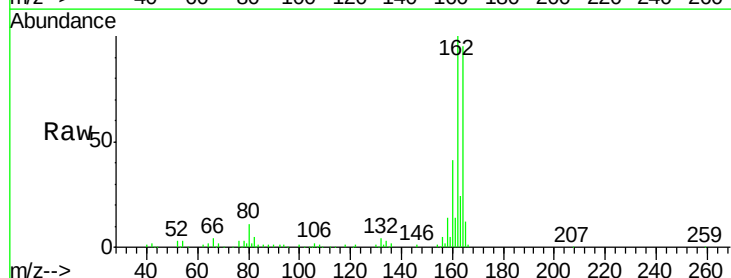
Instrument :
 BNA_G
 ClientSampleId :
 72-11938

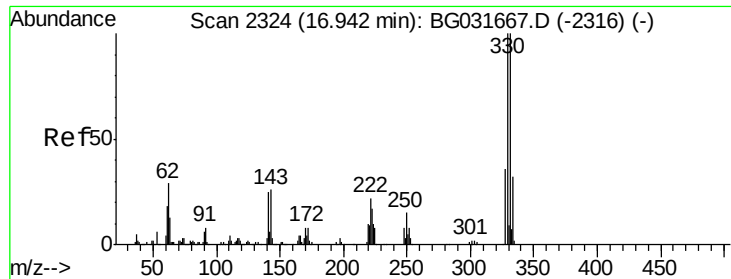
Tgt Ion: 82 Resp: 224634
 Ion Ratio Lower Upper
 82 100
 128 53.1 29.7 44.5#
 54 44.9 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BG031750.D
 Acq: 23 Dec 2017 15:48

Tgt Ion: 164 Resp: 122141
 Ion Ratio Lower Upper
 164 100
 162 105.3 78.8 118.2
 160 42.8 35.4 53.0

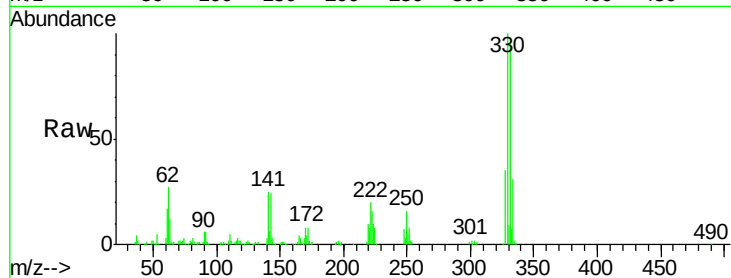




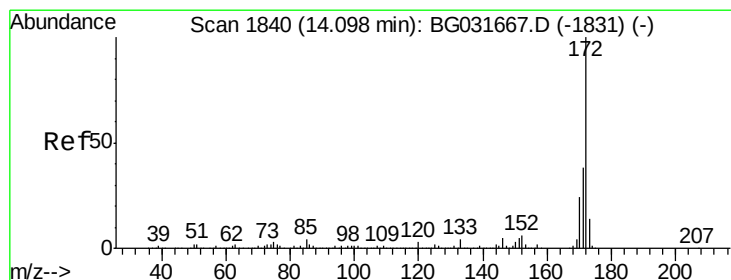
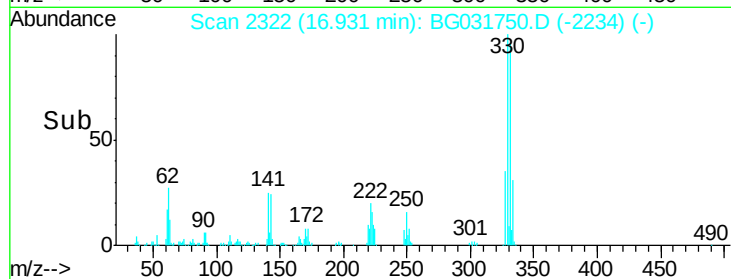
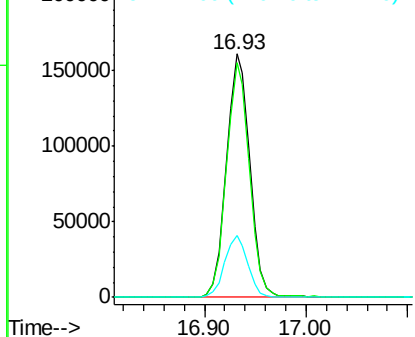
#41
 2,4,6-Tribromophenol
 Concen: 138.115 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG031750.D
 Acq: 23 Dec 2017 15:48

Instrument :
 BNA_G
 ClientSampleId :
 72-11938

Tgt Ion:330 Resp: 257406
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 25.1 25.2 37.8#

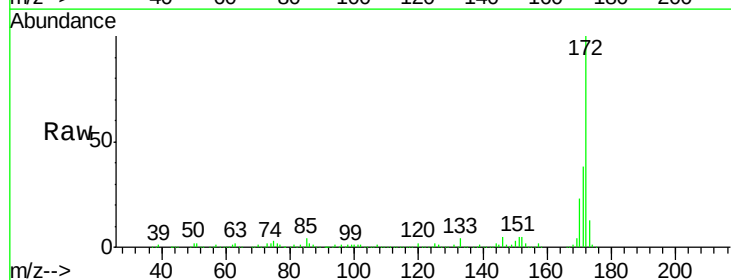


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

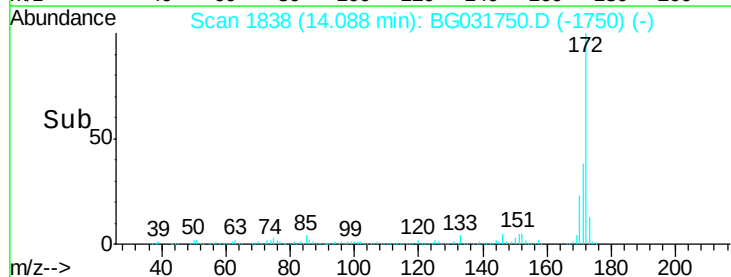
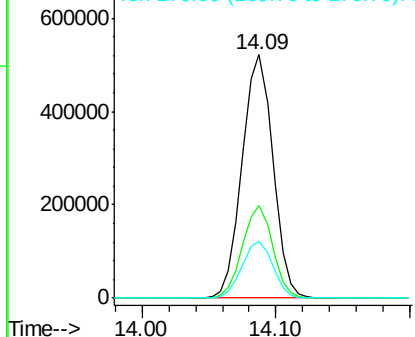


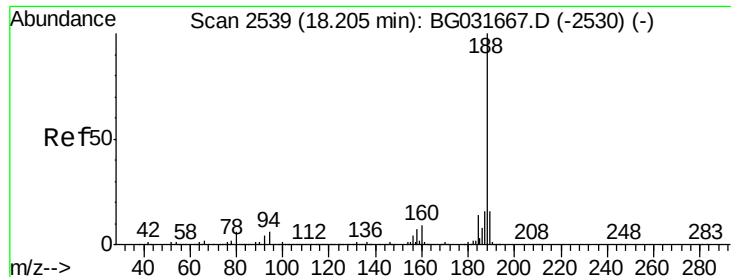
#44
 2-Fluorobiphenyl
 Concen: 85.323 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG031750.D
 Acq: 23 Dec 2017 15:48

Tgt Ion:172 Resp: 830309
 Ion Ratio Lower Upper
 172 100
 171 38.1 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.19 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BG031750.D

Acq: 23 Dec 2017 15:48

Instrument :

BNA_G

ClientSampleId :

72-11938

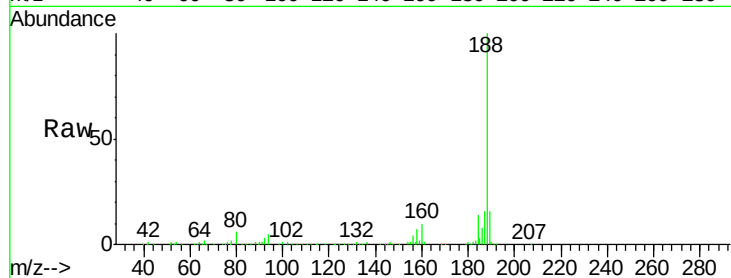
Tgt Ion:188 Resp: 299947

Ion Ratio Lower Upper

188 100

94 4.9 6.9 10.3#

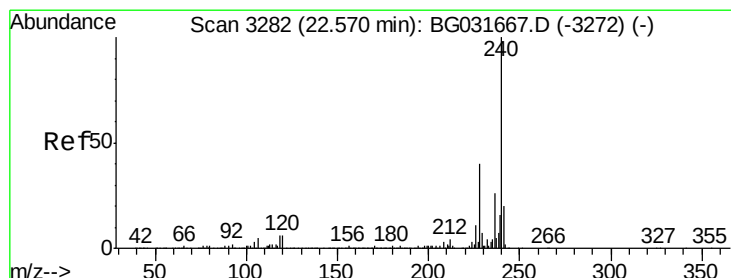
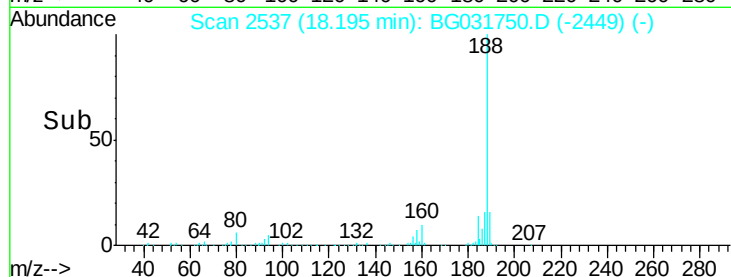
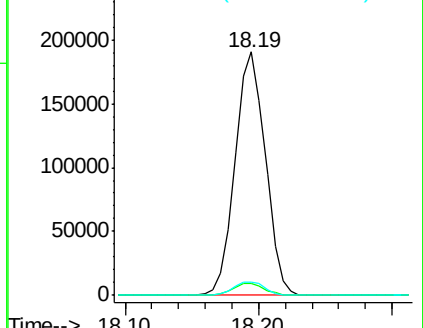
80 5.6 7.7 11.5#



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: BG031750.D

Acq: 23 Dec 2017 15:48

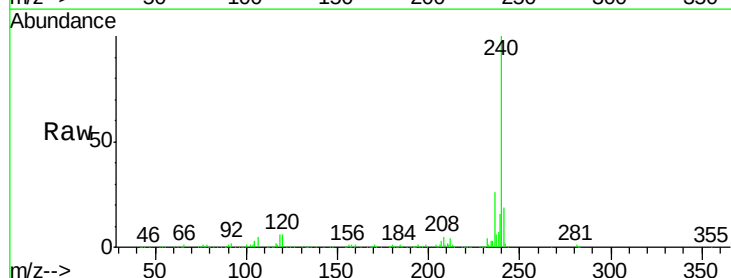
Tgt Ion:240 Resp: 349484

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

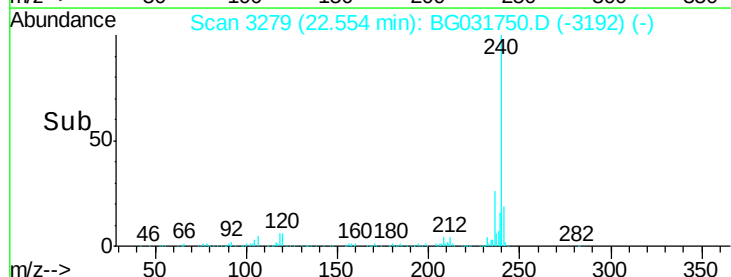
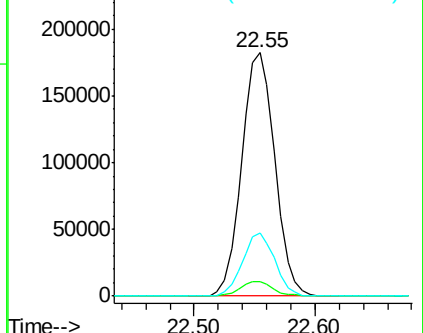
236 26.1 20.9 31.3

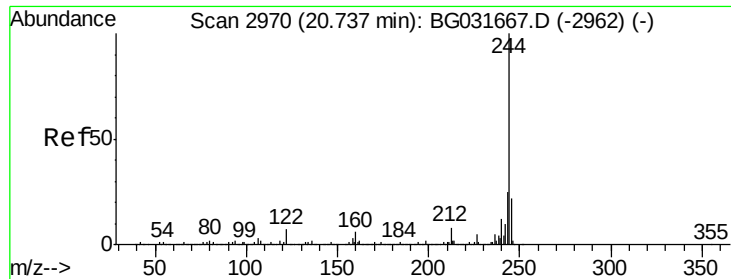


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

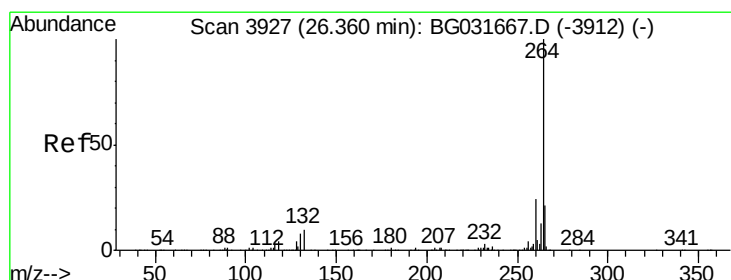
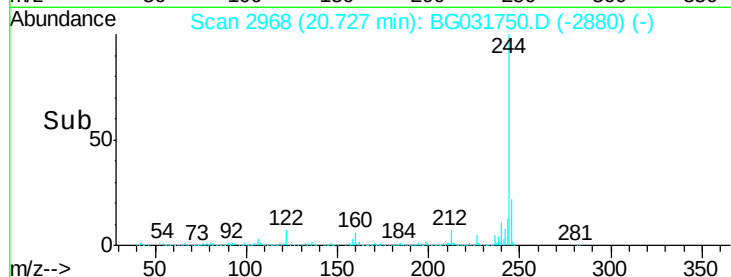
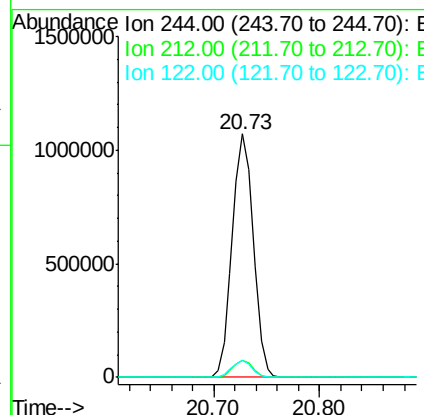
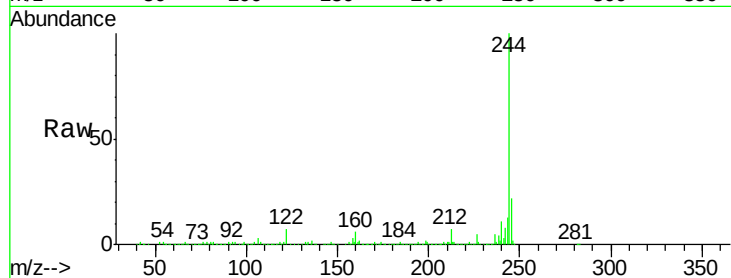




#78
 Terphenyl-d14
 Concen: 96.676 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BG031750.D
 Acq: 23 Dec 2017 15:48

Instrument :
 BNA_G
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 72-11938

Tgt Ion:244 Resp: 1478854
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 6.8 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.34 min Scan# 3924
 Delta R.T. -0.02 min
 Lab File: BG031750.D
 Acq: 23 Dec 2017 15:48

Tgt Ion:264 Resp: 369180
 Ion Ratio Lower Upper
 264 100
 260 22.2 17.4 26.0
 265 21.5 17.7 26.5

