

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
 Data File : BG031724.D
 Acq On : 22 Dec 2017 23:10
 Operator : SJ/JU
 Sample : I7004-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-10-121817

Quant Time: Dec 23 02:01:08 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	53185	20.00	ng	-0.02
21) Naphthalene-d8	11.71	136	213196	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	148008	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	388687	20.00	ng	-0.01
75) Chrysene-d12	22.56	240	437602	20.00	ng	-0.01
86) Perylene-d12	26.35	264	465895	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	216369	74.10	ng	0.00
7) Phenol-d6	7.92	99	177993	46.95	ng	-0.01
23) Nitrobenzene-d5	10.03	82	306277	108.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.94	330	398671	176.53	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	1154552	97.91	ng	-0.01
78) Terphenyl-d14	20.73	244	2002851	104.57	ng	0.00

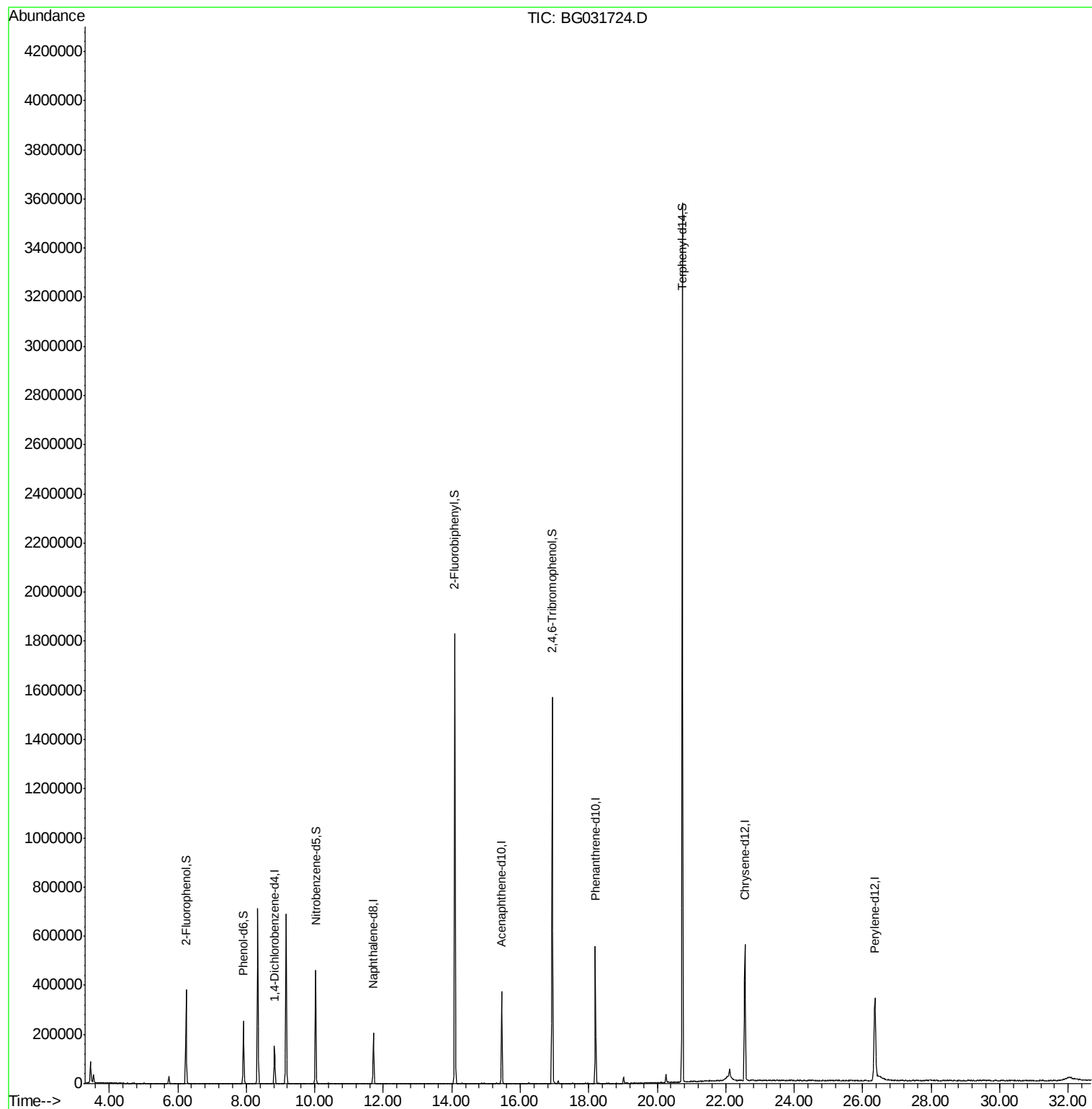
Target Compounds	Qvalue
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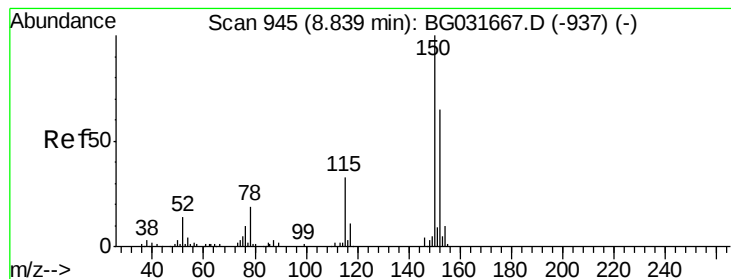
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG031724.D

Acq: 22 Dec 2017 23:10

Instrument :

BNA_G

ClientSampleId :

C-MW-10-121817

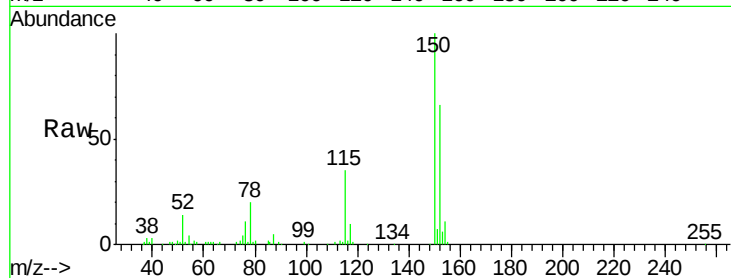
Tgt Ion:152 Resp: 53185

Ion Ratio Lower Upper

152 100

150 151.1 126.6 189.8

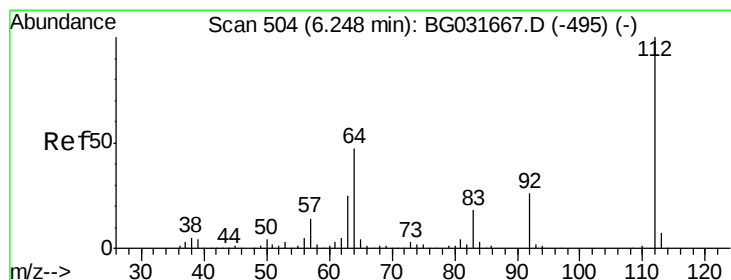
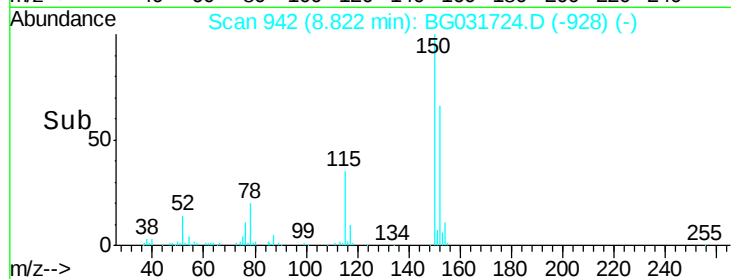
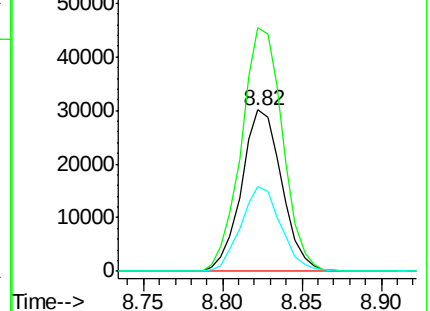
115 52.7 53.0 79.4#



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: 74.098 ng

RT: 6.24 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG031724.D

Acq: 22 Dec 2017 23:10

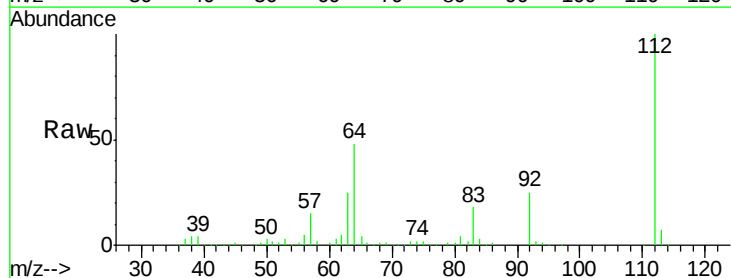
Tgt Ion:112 Resp: 216369

Ion Ratio Lower Upper

112 100

64 48.2 56.3 84.5#

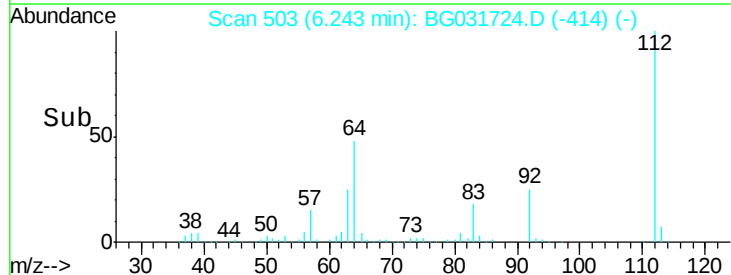
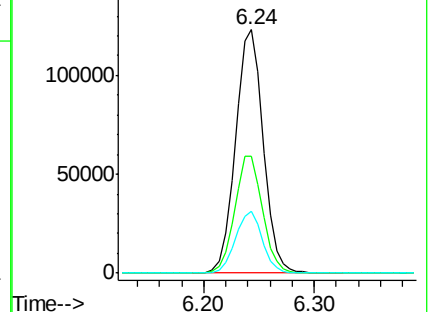
63 25.2 30.1 45.1#



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: 46.949 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031724.D

Acq: 22 Dec 2017 23:10

Instrument :

BNA_G

ClientSampleId :

C-MW-10-121817

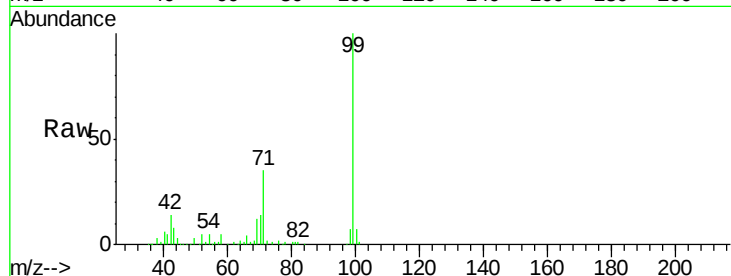
Tgt Ion: 99 Resp: 177993

Ion Ratio Lower Upper

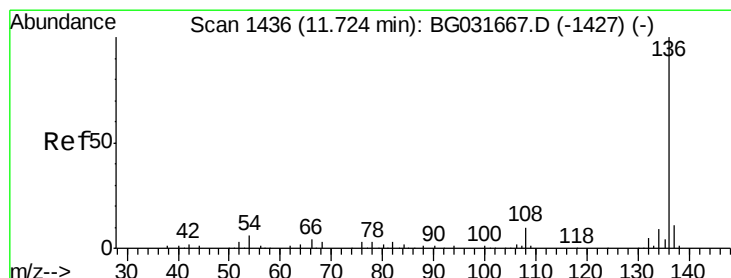
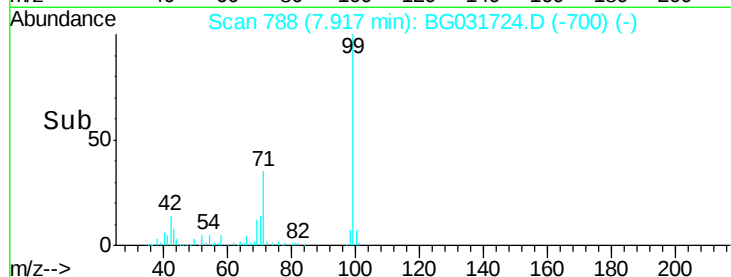
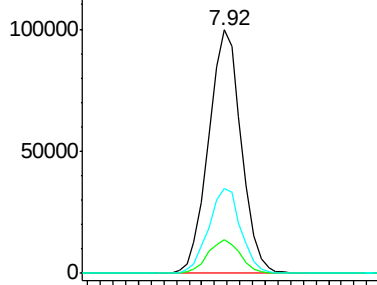
99 100

42 13.7 14.1 21.1#

71 35.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.71 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BG031724.D

Acq: 22 Dec 2017 23:10

Tgt Ion: 136 Resp: 213196

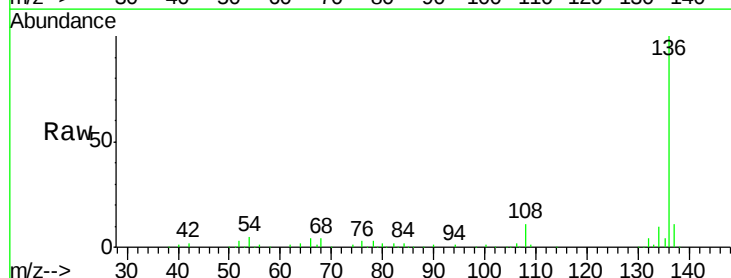
Ion Ratio Lower Upper

136 100

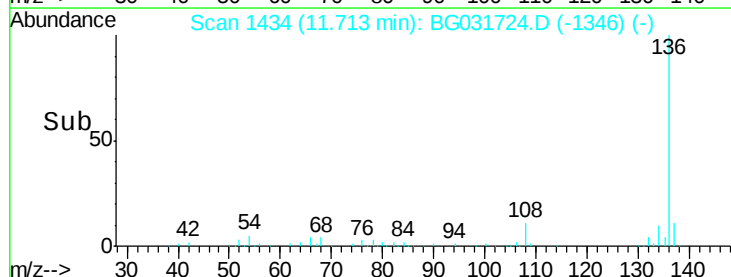
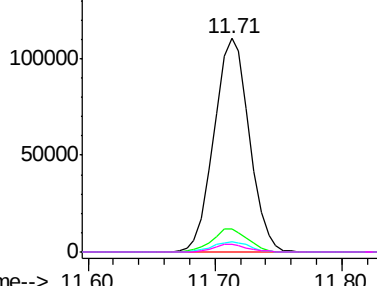
137 10.9 9.2 13.8

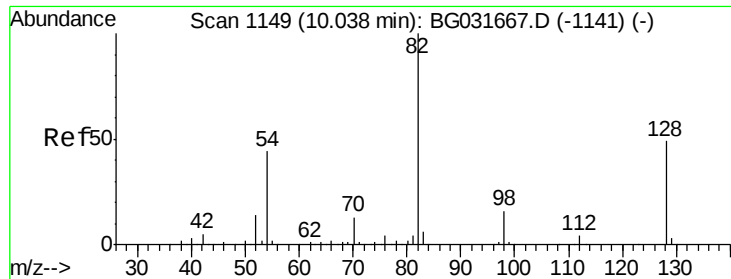
54 5.1 10.3 15.5#

68 3.7 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

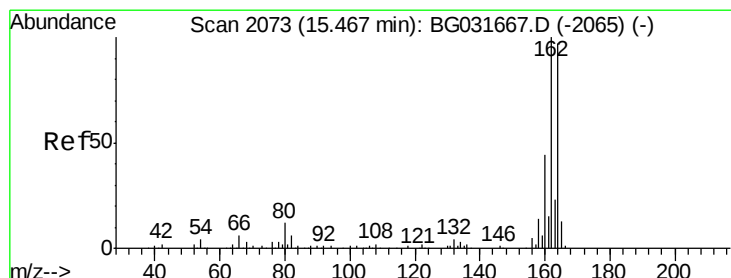
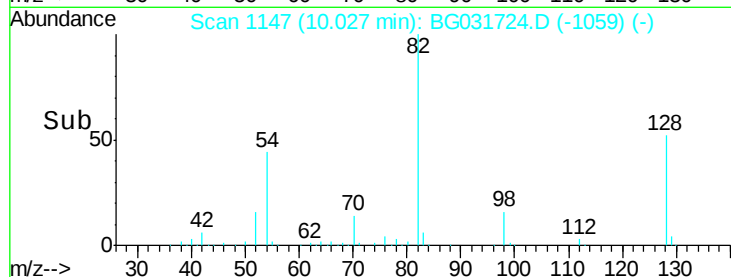
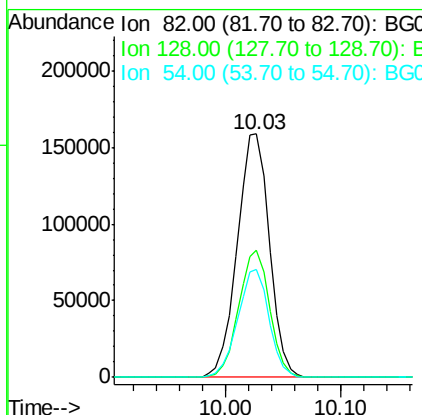
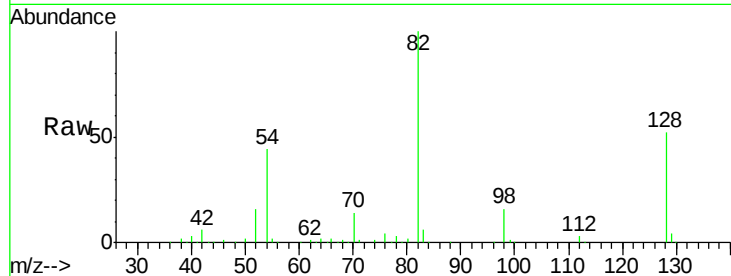




#23
 Nitrobenzene-d5
 Concen: 108.481 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BG031724.D
 Acq: 22 Dec 2017 23:10

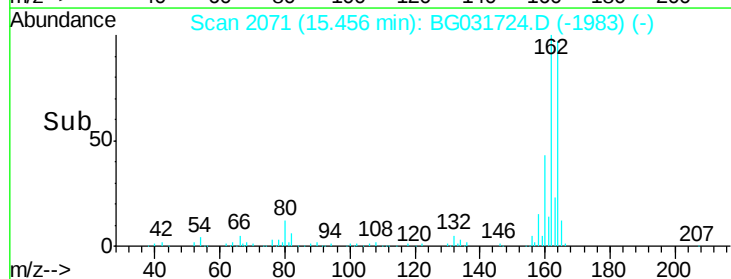
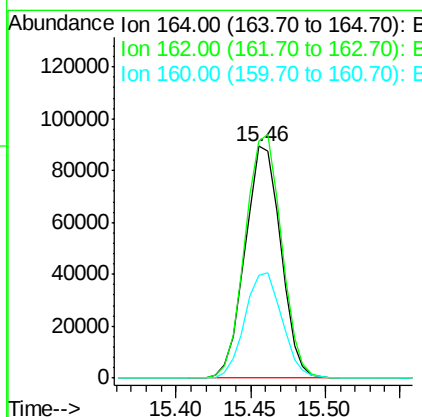
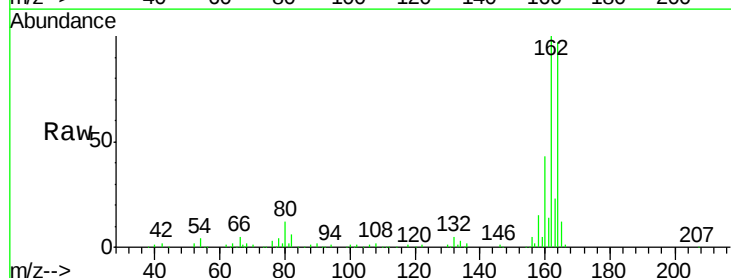
Instrument :
 BNA_G
 ClientSampleId :
 C-MW-10-121817

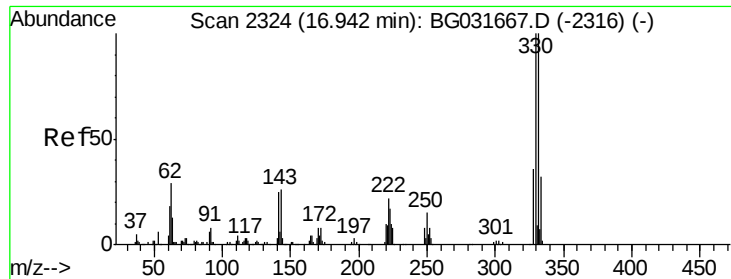
Tgt Ion: 82 Resp: 306277
 Ion Ratio Lower Upper
 82 100
 128 52.4 29.7 44.5#
 54 44.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BG031724.D
 Acq: 22 Dec 2017 23:10

Tgt Ion: 164 Resp: 148008
 Ion Ratio Lower Upper
 164 100
 162 102.6 78.8 118.2
 160 44.4 35.4 53.0

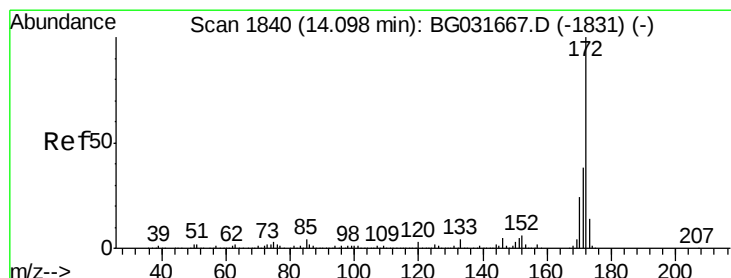
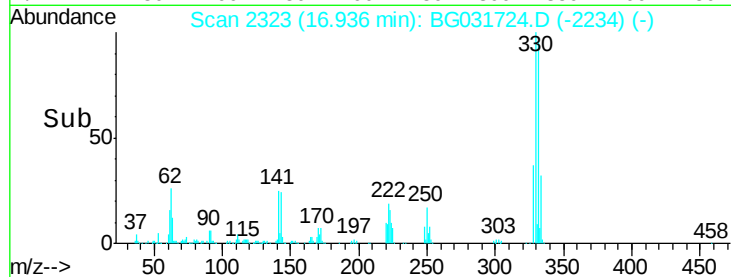
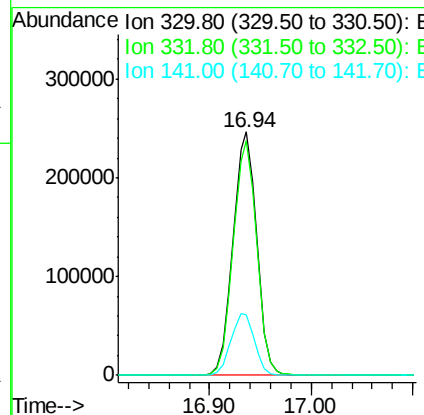
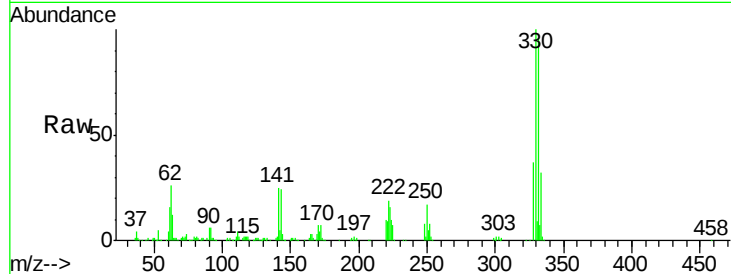




#41
 2,4,6-Tribromophenol
 Concen: 176.528 ng
 RT: 16.94 min Scan# 2323
 Delta R.T. -0.01 min
 Lab File: BG031724.D
 Acq: 22 Dec 2017 23:10

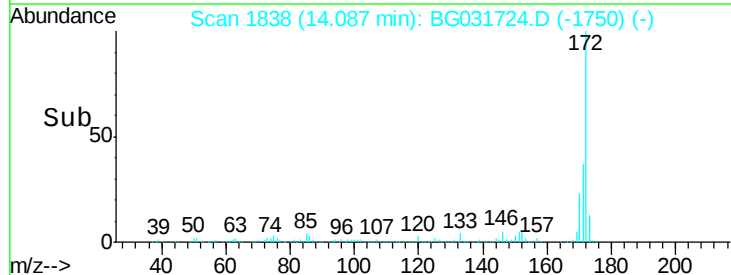
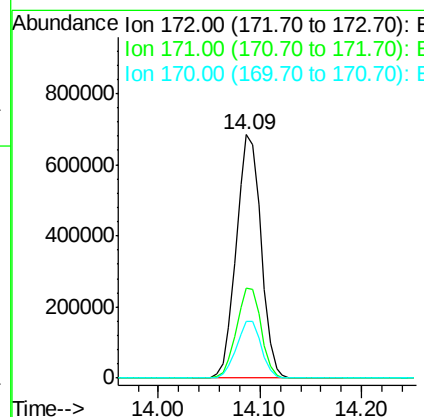
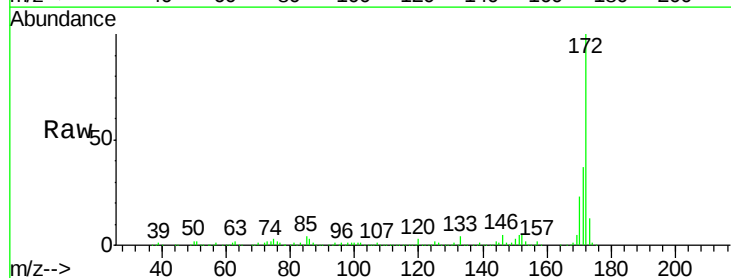
Instrument :
 BNA_G
 ClientSampleId :
 C-MW-10-121817

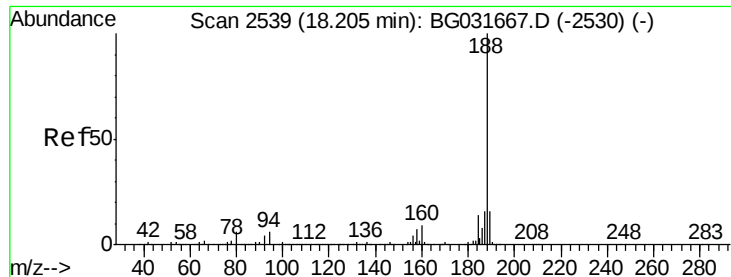
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	25.4	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 97.908 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG031724.D
 Acq: 22 Dec 2017 23:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.3	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.19 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BG031724.D

Acq: 22 Dec 2017 23:10

Instrument :

BNA_G

ClientSampleId :

C-MW-10-121817

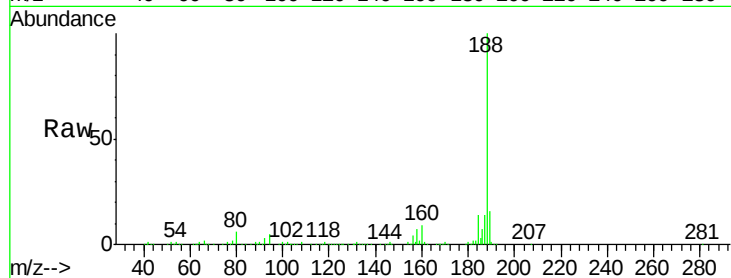
Tgt Ion:188 Resp: 388687

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

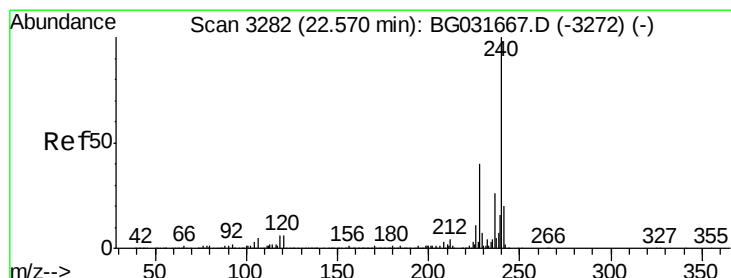
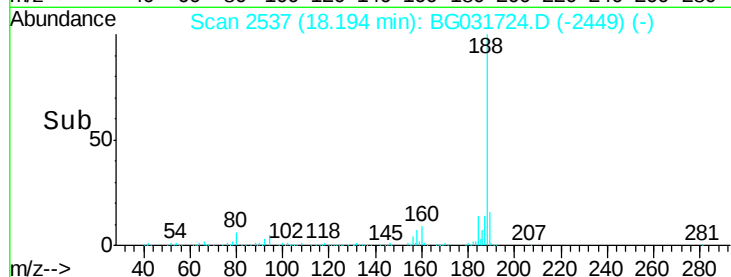
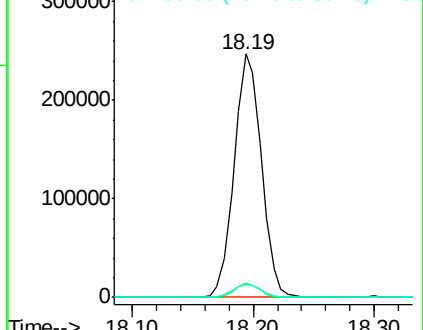
80 6.0 7.7 11.5#



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: 22.56 min Scan# 3280

Delta R.T. -0.01 min

Lab File: BG031724.D

Acq: 22 Dec 2017 23:10

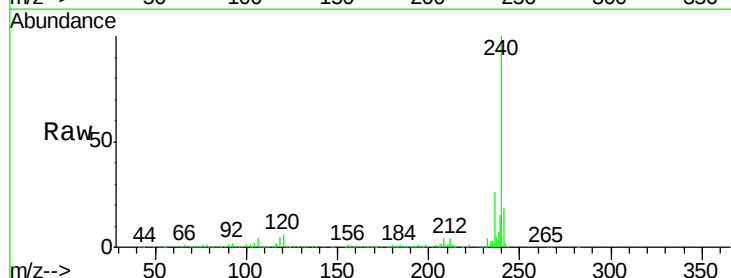
Tgt Ion:240 Resp: 437602

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

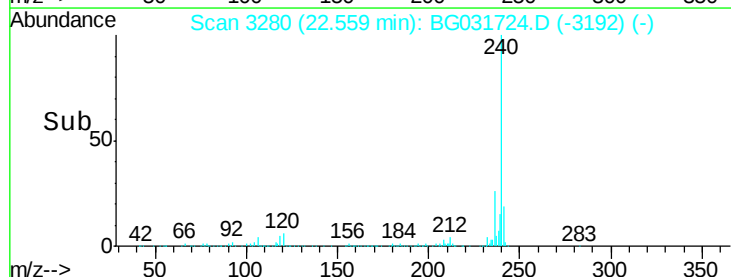
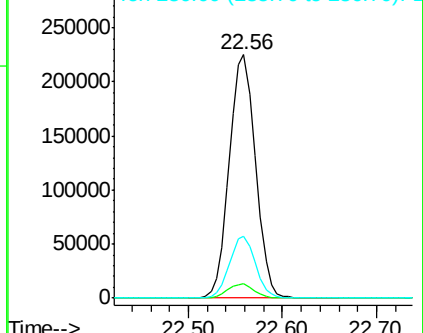
236 25.5 20.9 31.3

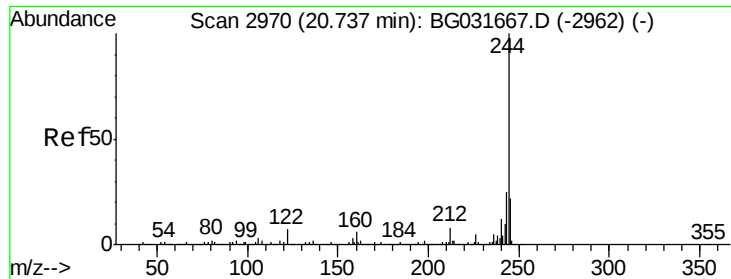


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.566 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BG031724.D

Acq: 22 Dec 2017 23:10

Instrument :

BNA_G

ClientSampleId :

C-MW-10-121817

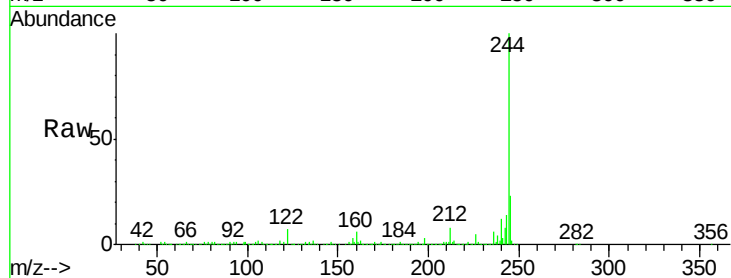
Tgt Ion:244 Resp: 2002851

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

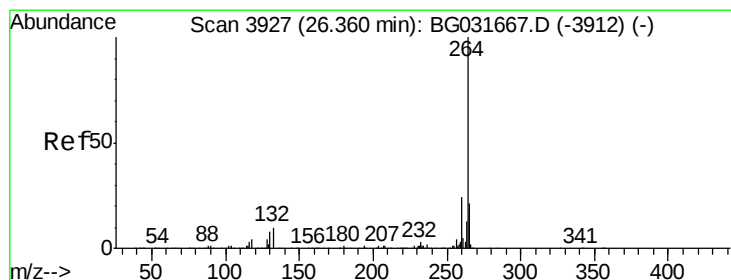
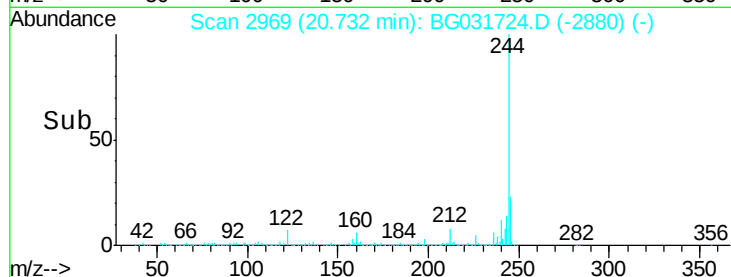
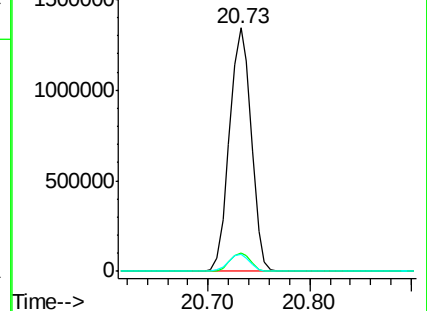
122 7.0 7.0 10.4



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: 26.35 min Scan# 3926

Delta R.T. -0.01 min

Lab File: BG031724.D

Acq: 22 Dec 2017 23:10

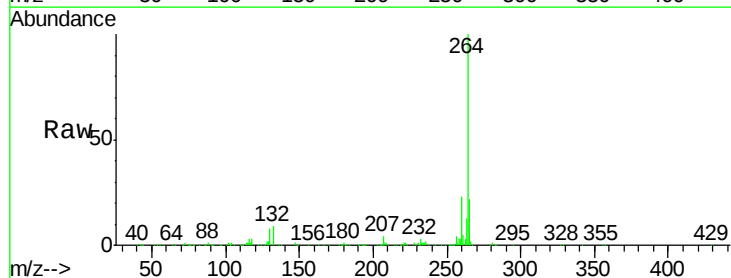
Tgt Ion:264 Resp: 465895

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 21.7 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

