

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
 Data File : BG031744.D
 Acq On : 23 Dec 2017 12:02
 Operator : SJ/JU
 Sample : I7040-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-9

Quant Time: Dec 26 00:17:05 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	50095	20.00	ng	-0.02
21) Naphthalene-d8	11.71	136	211121	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	148320	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	354066	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	401945	20.00	ng	-0.02
86) Perylene-d12	26.34	264	436308	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	175982	63.98	ng	-0.01
7) Phenol-d6	7.92	99	140065	39.22	ng	-0.01
23) Nitrobenzene-d5	10.03	82	298596	106.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.94	330	363391	160.57	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	1097158	92.85	ng	-0.01
78) Terphenyl-d14	20.73	244	1735627	98.65	ng	-0.01

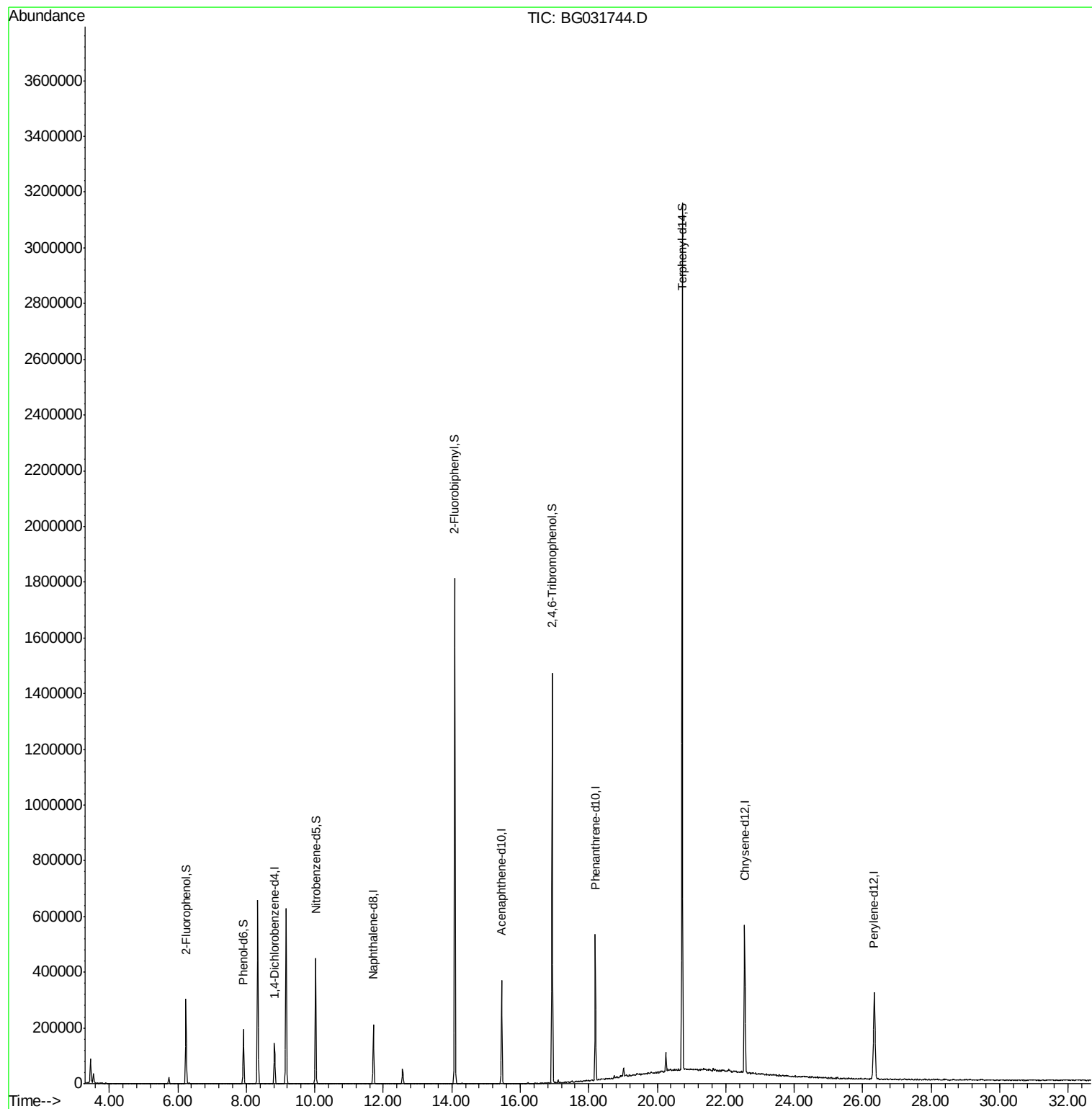
Target Compounds	Qvalue
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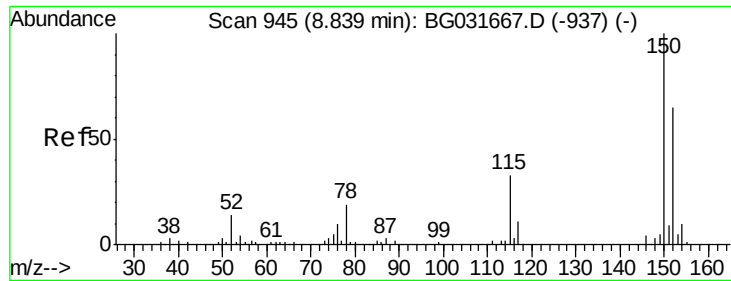
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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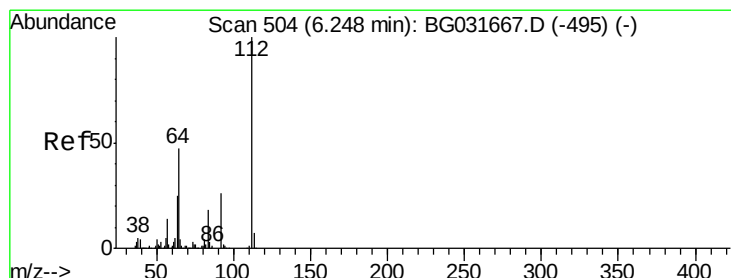
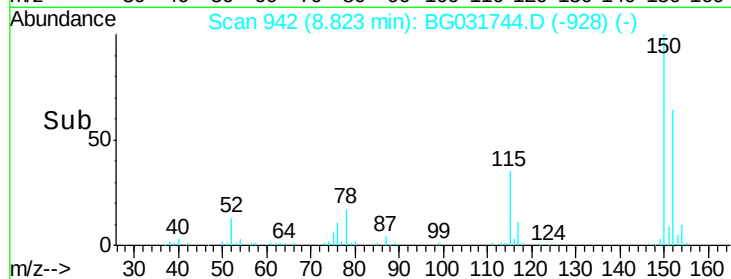
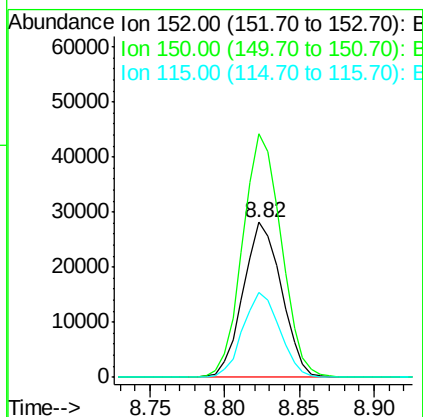
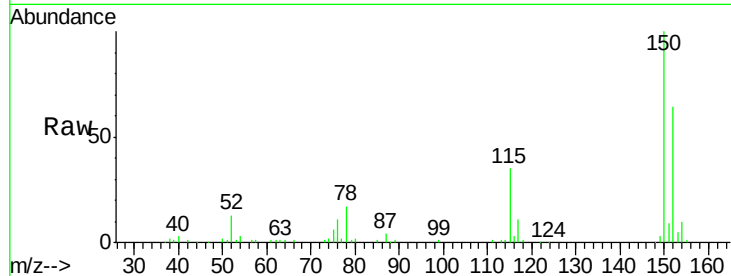


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Instrument :
BNA_G
ClientSampleId :
MW-9

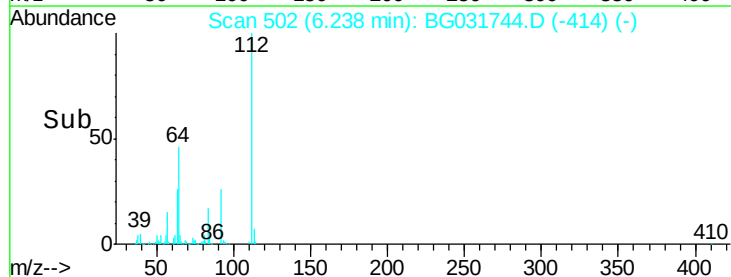
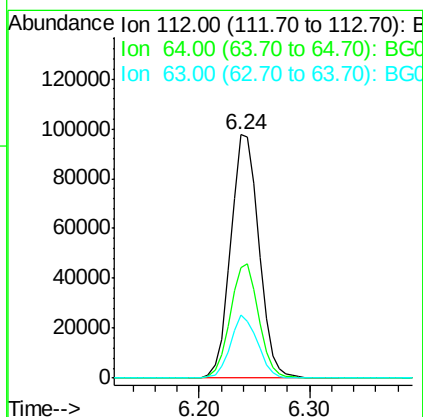
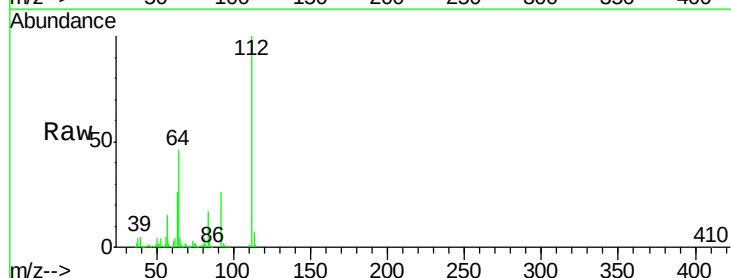
Tgt Ion:152 Resp: 50095
Ion Ratio Lower Upper
152 100
150 157.0 126.6 189.8
115 54.7 53.0 79.4

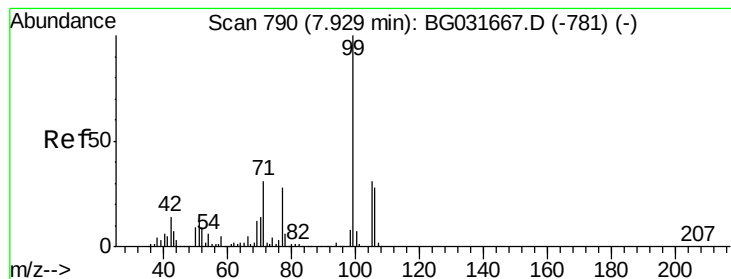


#5

2-Fluorophenol
Concen: 63.985 ng
RT: 6.24 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Tgt Ion:112 Resp: 175982
Ion Ratio Lower Upper
112 100
64 45.5 56.3 84.5#
63 26.1 30.1 45.1#





#7

Phenol-d6

Concen: 39.224 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031744.D

Acq: 23 Dec 2017 12:02

Instrument :

BNA_G

ClientSampled :

MW-9

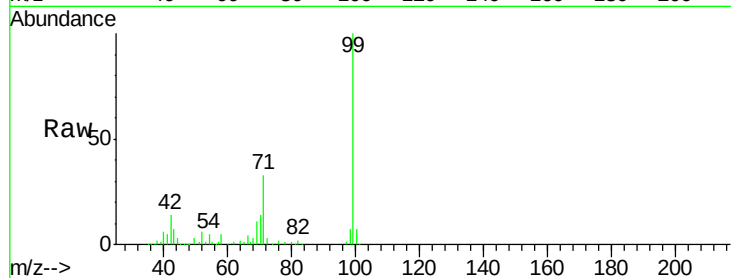
Tgt Ion: 99 Resp: 140065

Ion Ratio Lower Upper

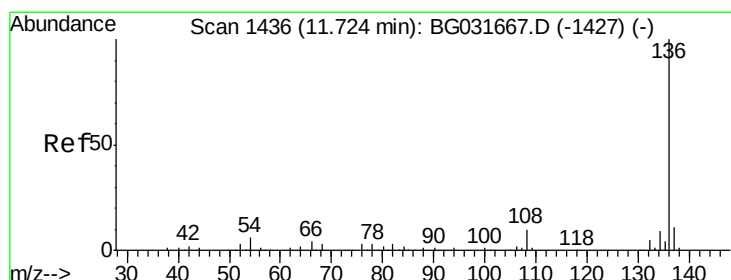
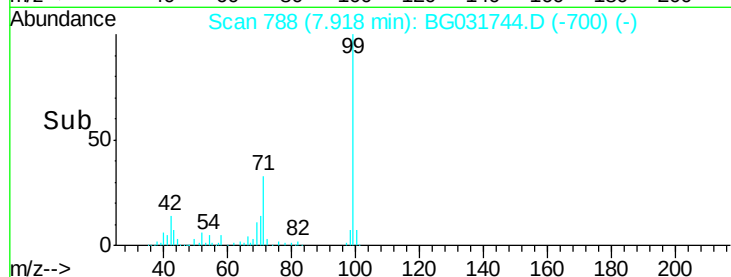
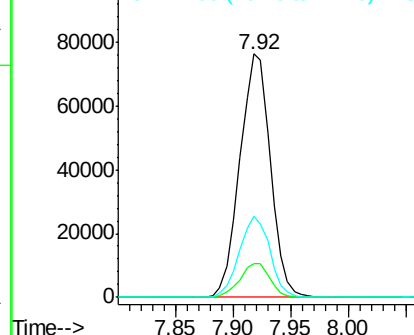
99 100

42 13.8 14.1 21.1#

71 33.5 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: BG031744.D

Acq: 23 Dec 2017 12:02

Tgt Ion: 136 Resp: 211121

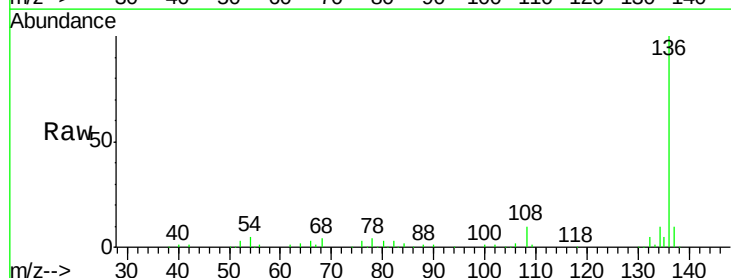
Ion Ratio Lower Upper

136 100

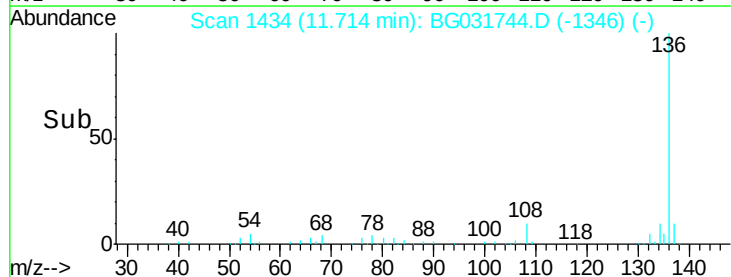
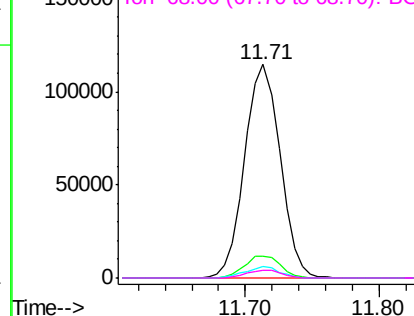
137 10.5 9.2 13.8

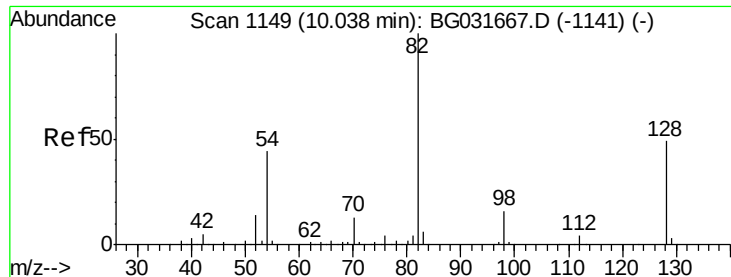
54 5.1 10.3 15.5#

68 3.8 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

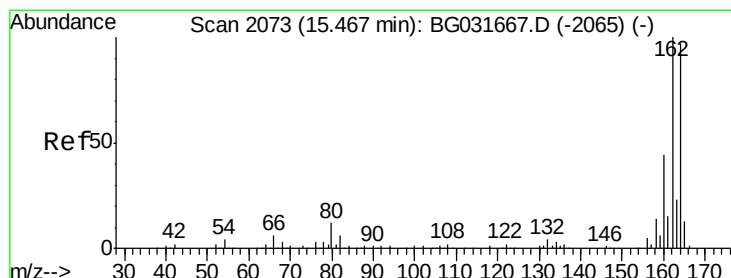
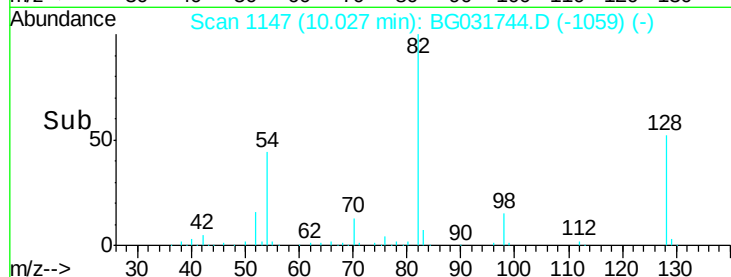
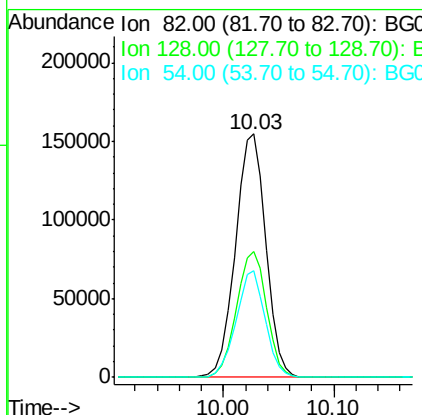
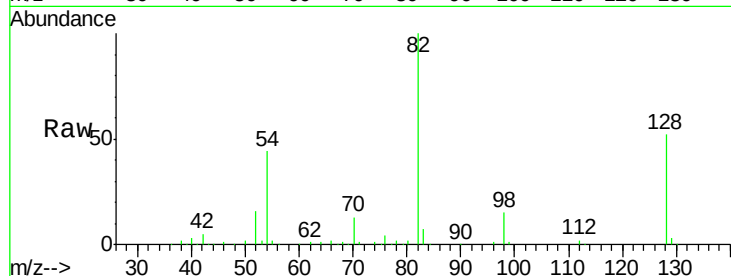




#23
 Nitrobenzene-d5
 Concen: 106.800 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BG031744.D
 Acq: 23 Dec 2017 12:02

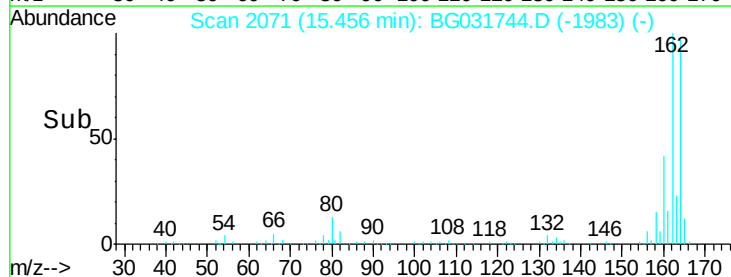
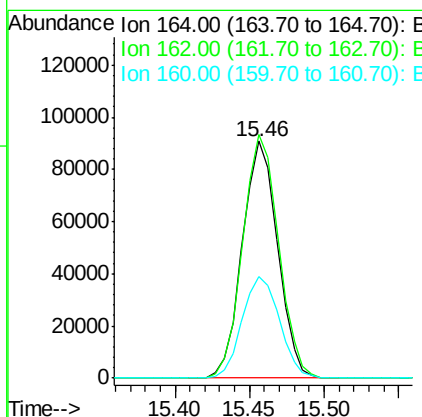
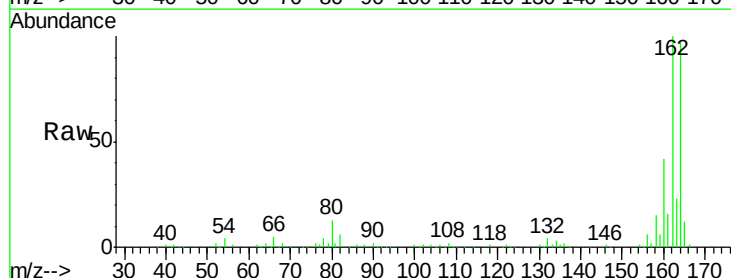
Instrument :
 BNA_G
 ClientSampled :
 MW-9

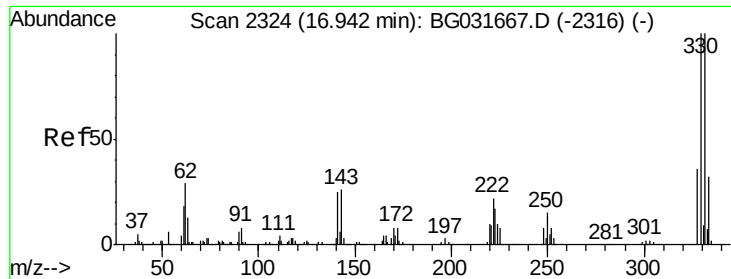
Tgt Ion: 82 Resp: 298596
 Ion Ratio Lower Upper
 82 100
 128 51.9 29.7 44.5#
 54 43.8 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BG031744.D
 Acq: 23 Dec 2017 12:02

Tgt Ion: 164 Resp: 148320
 Ion Ratio Lower Upper
 164 100
 162 102.7 78.8 118.2
 160 42.7 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 160.568 ng

RT: 16.94 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG031744.D

Acq: 23 Dec 2017 12:02

Instrument :

BNA_G

ClientSampled :

MW-9

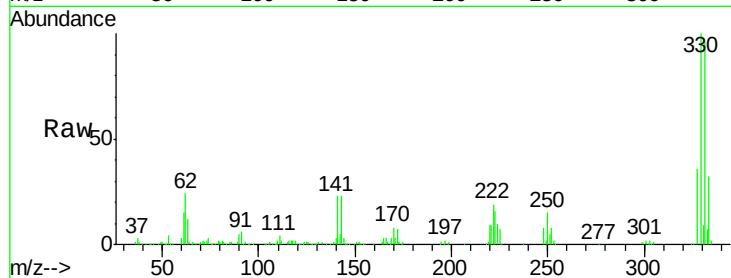
Tgt Ion:330 Resp: 363391

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

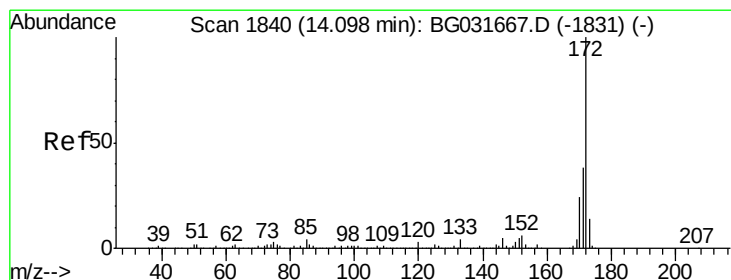
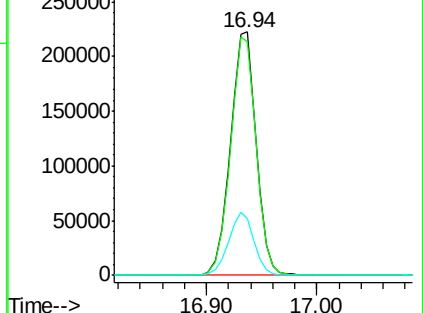
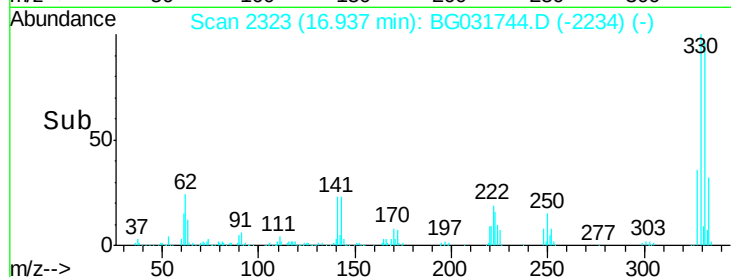
141 25.5 25.2 37.8



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: 92.845 ng

RT: 14.09 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BG031744.D

Acq: 23 Dec 2017 12:02

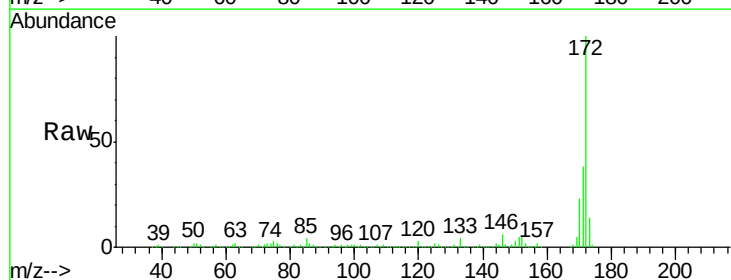
Tgt Ion:172 Resp: 1097158

Ion Ratio Lower Upper

172 100

171 38.0 30.0 45.0

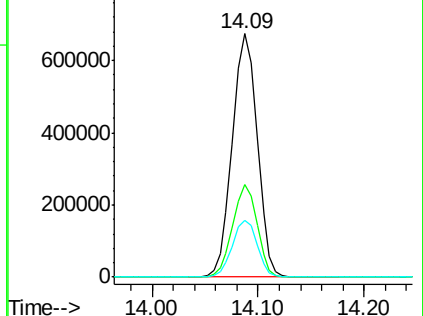
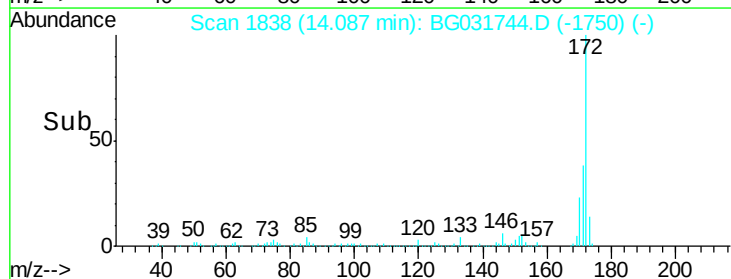
170 23.5 19.5 29.3

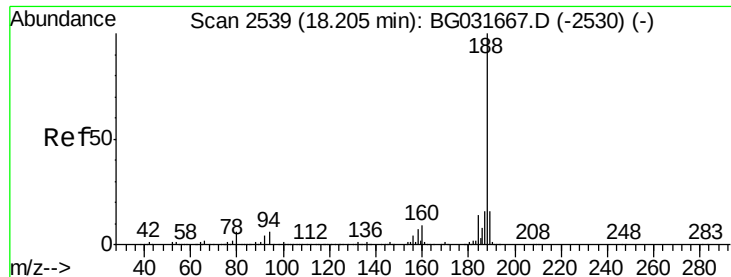


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

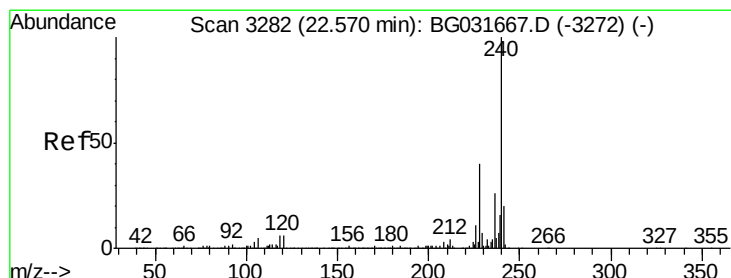
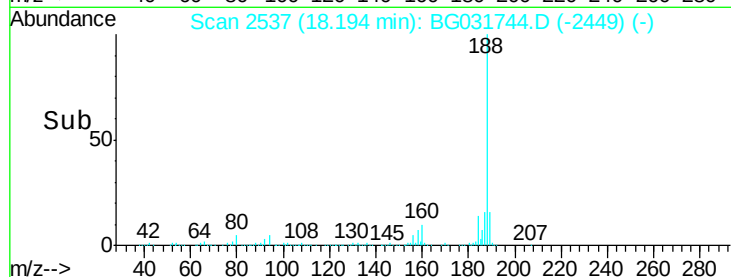
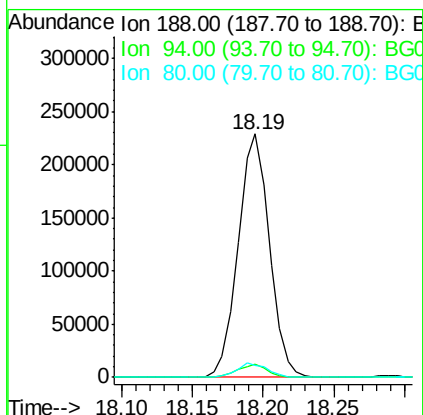
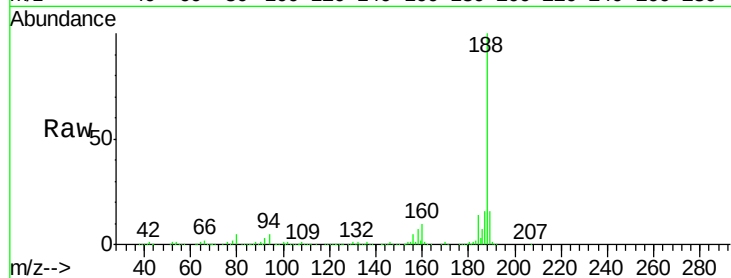




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

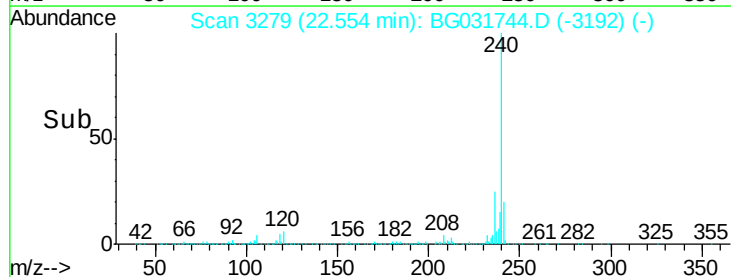
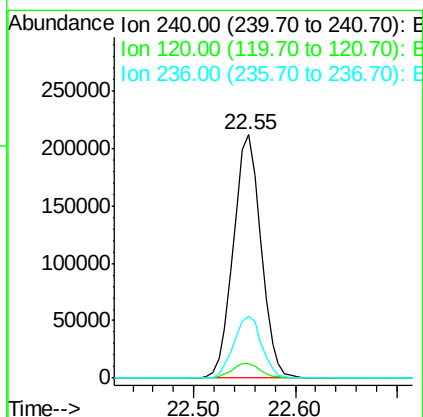
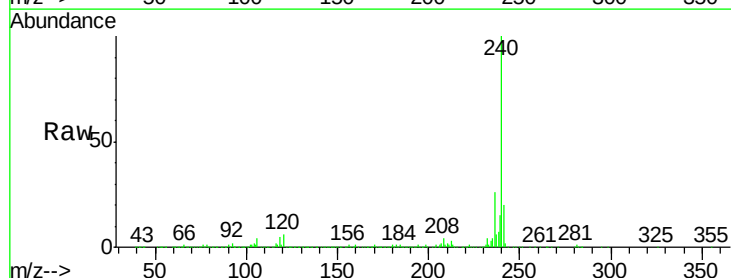
Instrument :
BNA_G
ClientSampleId :
MW-9

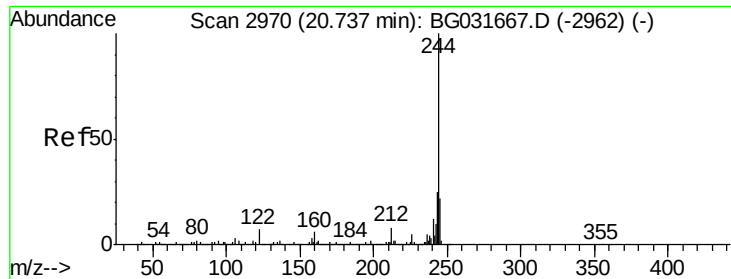
Tgt Ion:188 Resp: 354066
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 5.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BG031744.D
Acq: 23 Dec 2017 12:02

Tgt Ion:240 Resp: 401945
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 98.653 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031744.D

Acq: 23 Dec 2017 12:02

Instrument :

BNA_G

ClientSampleId :

MW-9

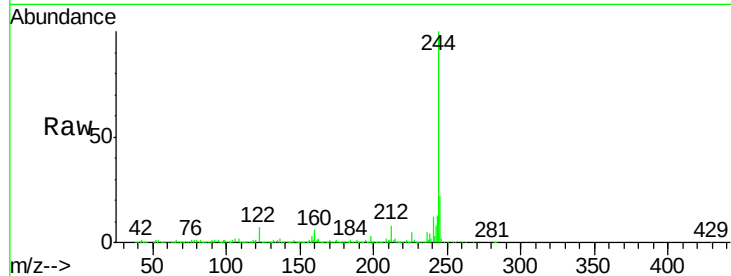
Tgt Ion:244 Resp: 1735627

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

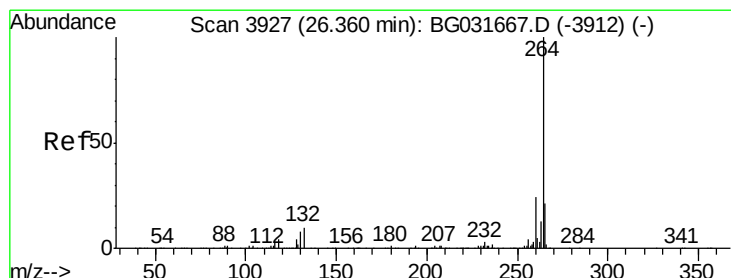
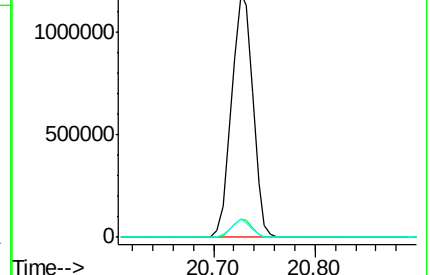
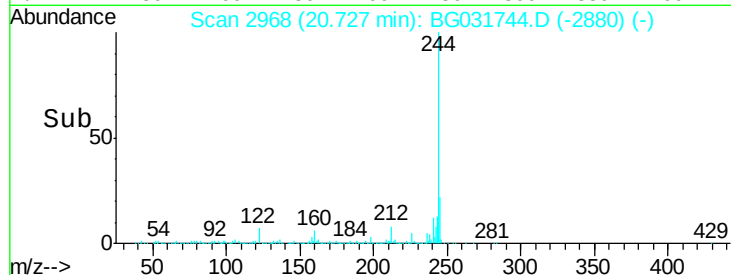
122 7.3 7.0 10.4



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: 26.34 min Scan# 3923

Delta R.T. -0.02 min

Lab File: BG031744.D

Acq: 23 Dec 2017 12:02

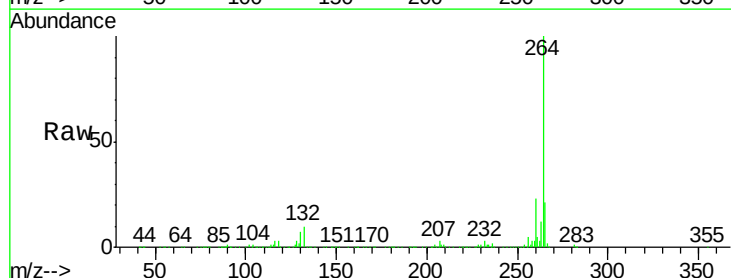
Tgt Ion:264 Resp: 436308

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 20.8 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

