

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
 Data File : BG027267.D
 Acq On : 7 Jun 2017 2:42
 Operator : SJ/MA
 Sample : I3469-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-1-20170603

Quant Time: Jun 07 05:20:59 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	53434	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	264637	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	181622	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	412365	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	418283	20.00	ng	-0.03
86) Perylene-d12	25.98	264	392215	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	266479	76.10	ng	-0.01
7) Phenol-d6	7.69	99	244242	47.52	ng	-0.01
23) Nitrobenzene-d5	9.73	82	473294	112.48	ng	-0.02
41) 2,4,6-Tribromophenol	16.63	330	388140	162.29	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	1209893	93.19	ng	-0.02
78) Terphenyl-d14	20.47	244	1609372	98.15	ng	-0.02

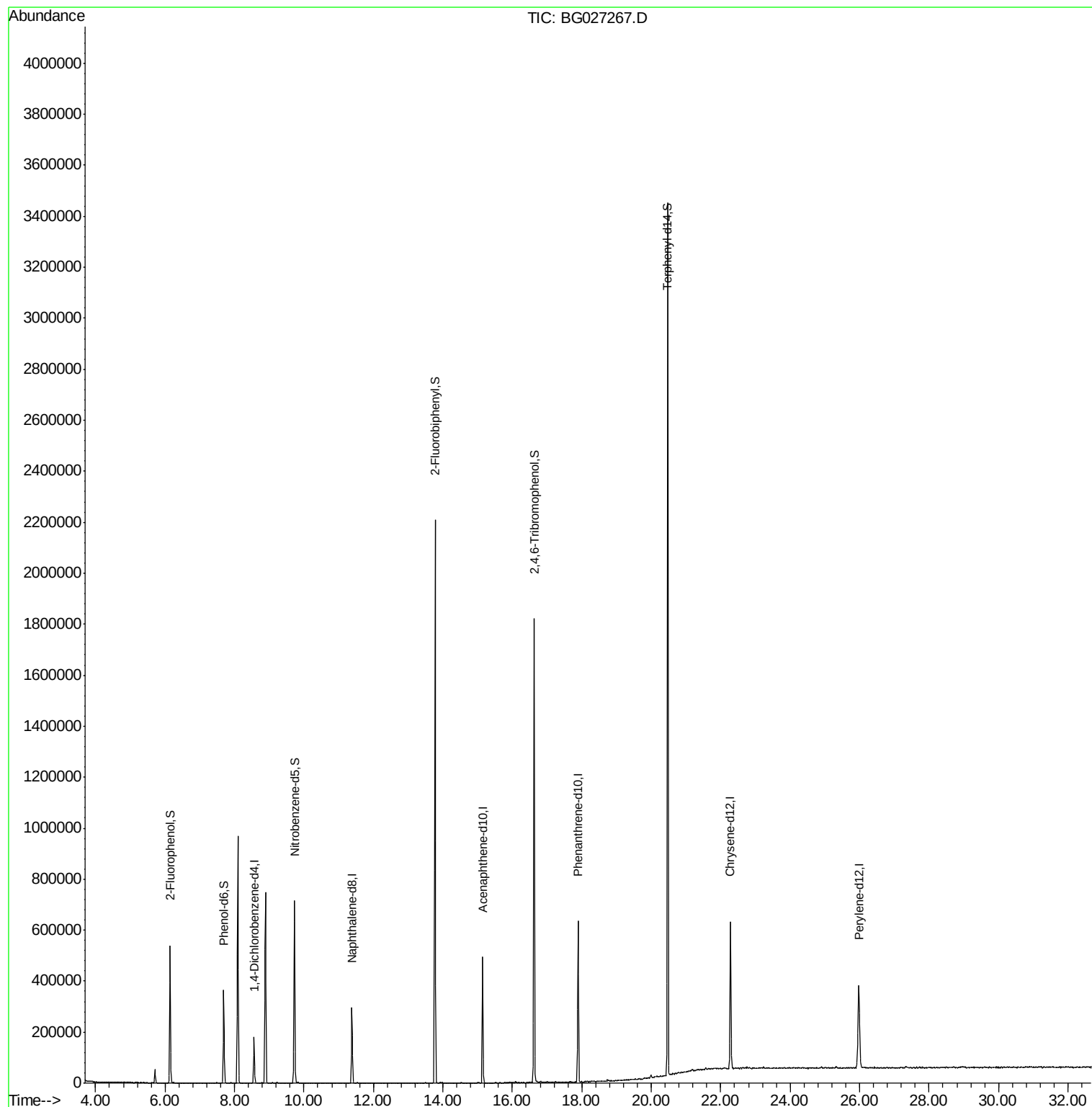
Target Compounds	Qvalue
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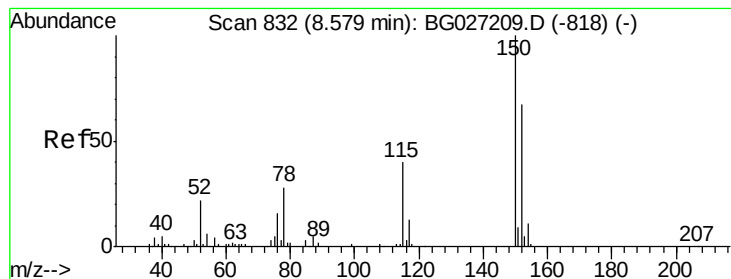
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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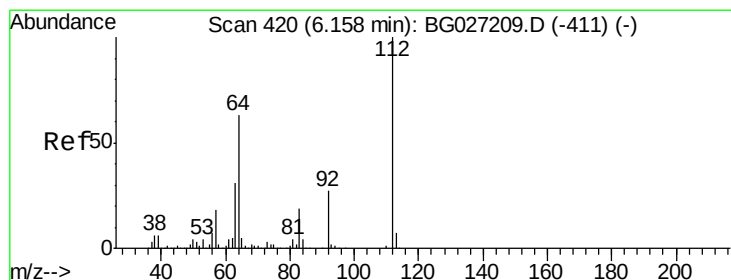
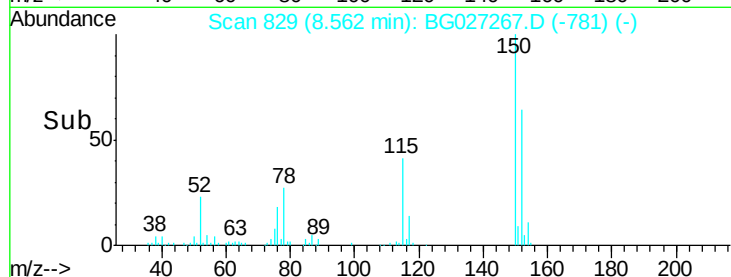
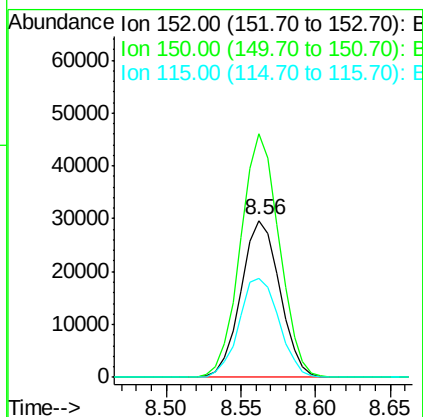
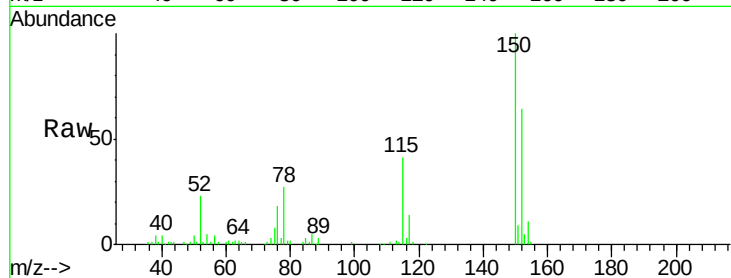


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027267.D
Acq: 7 Jun 2017 2:42

Instrument :
BNA_G
ClientSampleId :
TW-1-20170603

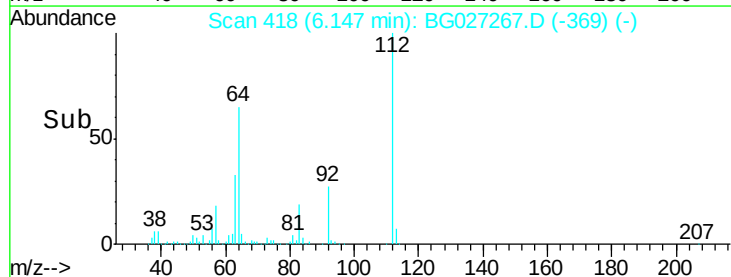
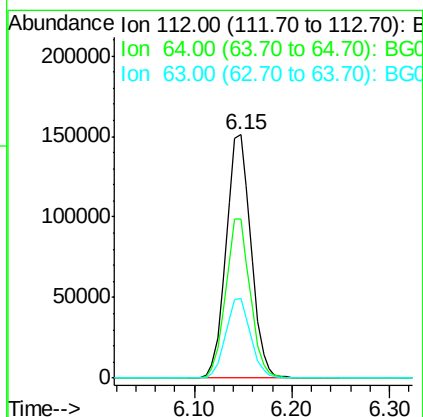
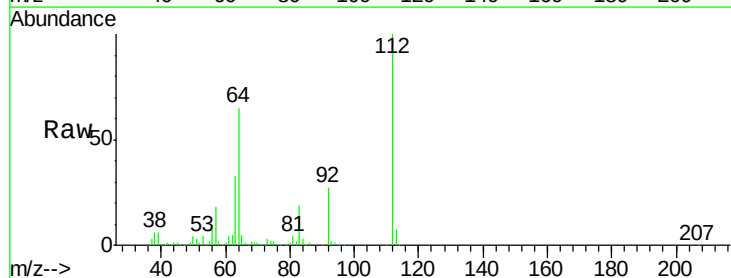
Tgt Ion:152 Resp: 53434
Ion Ratio Lower Upper
152 100
150 155.2 114.0 171.0
115 62.9 48.1 72.1

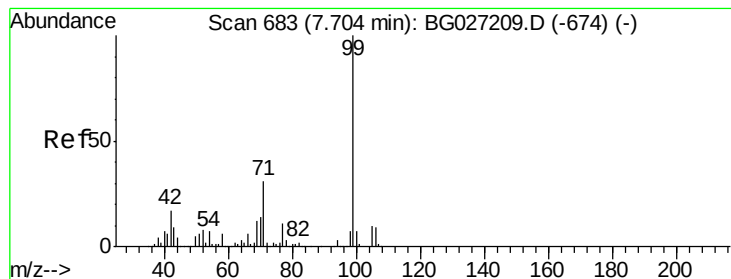


#5

2-Fluorophenol
Concen: 76.101 ng
RT: 6.15 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027267.D
Acq: 7 Jun 2017 2:42

Tgt Ion:112 Resp: 266479
Ion Ratio Lower Upper
112 100
64 65.1 61.8 92.6
63 33.0 37.2 55.8#





#7

Phenol-d6

Concen: 47.517 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027267.D

Acq: 7 Jun 2017 2:42

Instrument :

BNA_G

ClientSampleId :

TW-1-20170603

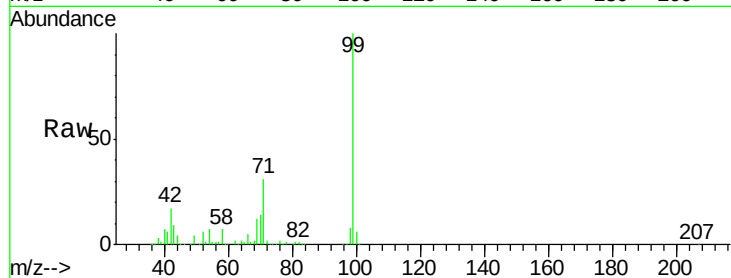
Tgt Ion: 99 Resp: 244242

Ion Ratio Lower Upper

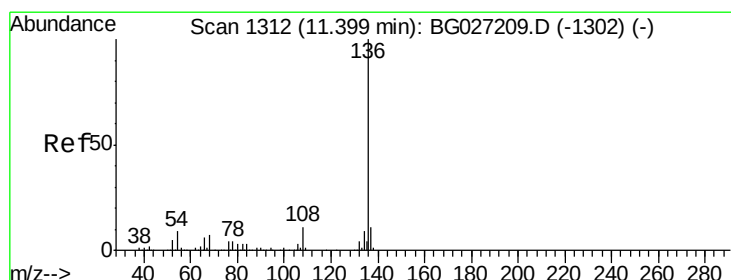
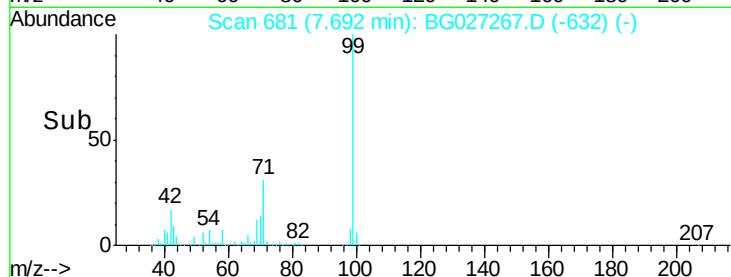
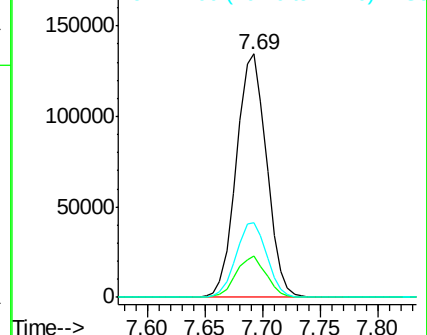
99 100

42 17.1 20.5 30.7#

71 30.8 37.6 56.4#



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: 11.38 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BG027267.D

Acq: 7 Jun 2017 2:42

Tgt Ion: 136 Resp: 264637

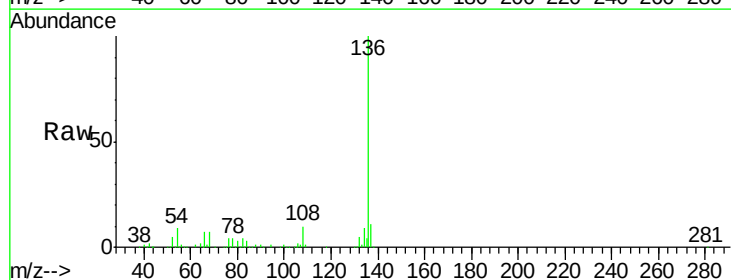
Ion Ratio Lower Upper

136 100

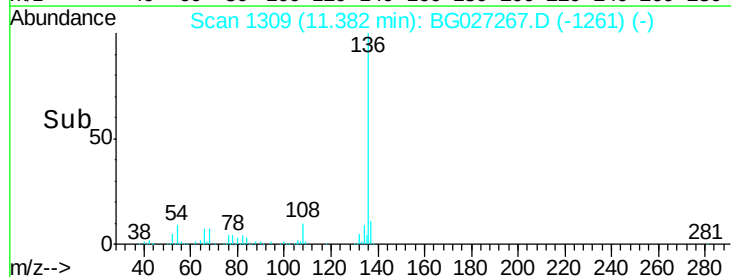
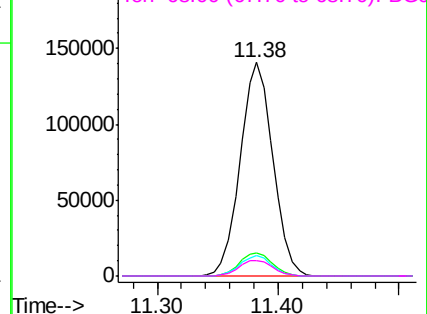
137 11.0 8.9 13.3

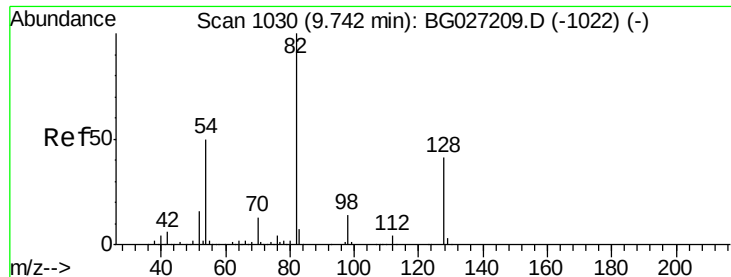
54 9.5 9.3 13.9

68 7.2 5.1 7.7



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

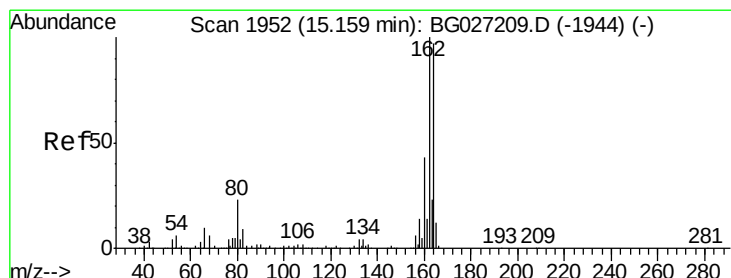
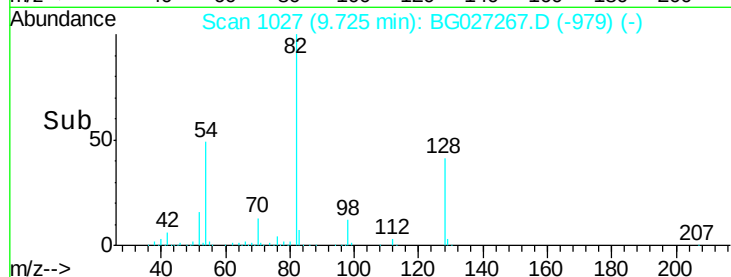
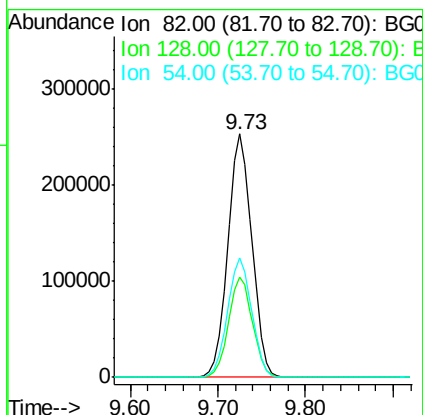
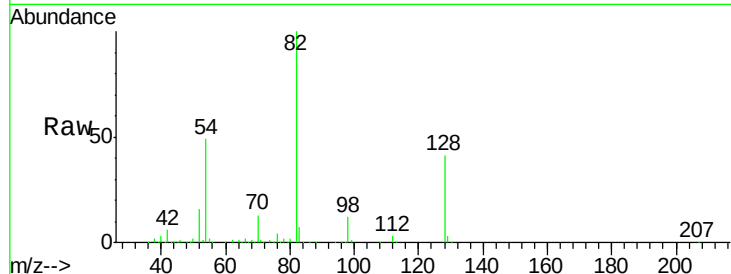




#23
 Nitrobenzene-d5
 Concen: 112.476 ng
 RT: 9.73 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027267.D
 Acq: 7 Jun 2017 2:42

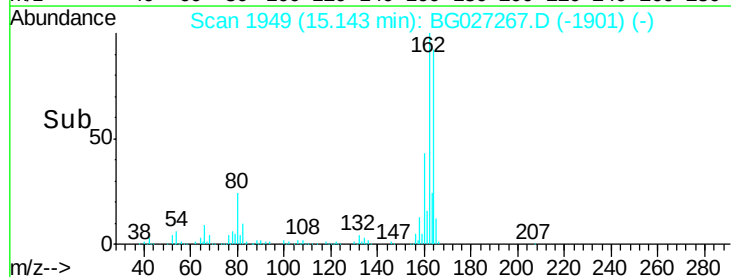
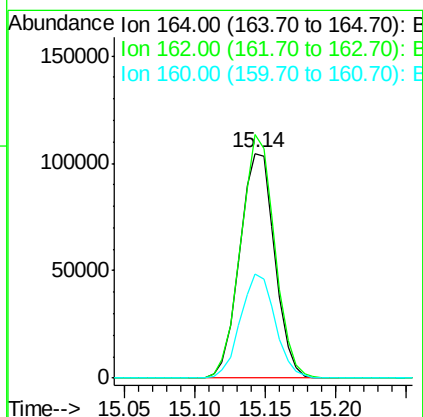
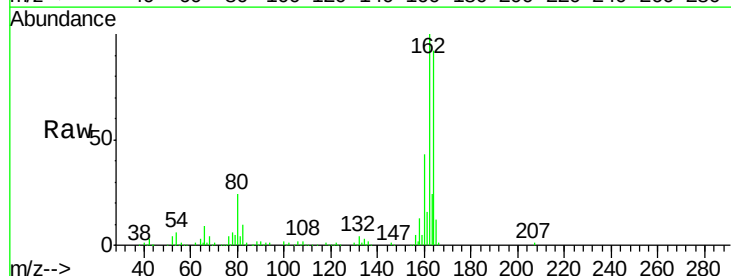
Instrument :
 BNA_G
 ClientSampleId :
 TW-1-20170603

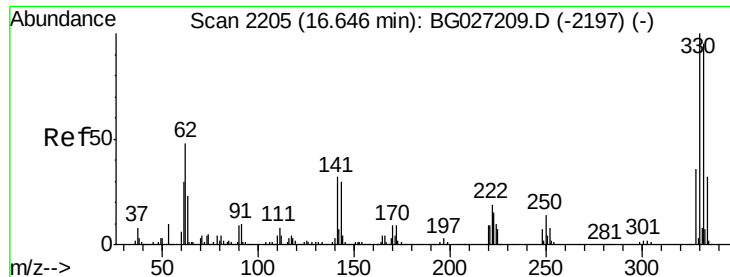
Tgt Ion: 82 Resp: 473294
 Ion Ratio Lower Upper
 82 100
 128 41.1 26.4 39.6#
 54 49.0 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.14 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027267.D
 Acq: 7 Jun 2017 2:42

Tgt Ion: 164 Resp: 181622
 Ion Ratio Lower Upper
 164 100
 162 108.3 85.1 127.7
 160 46.1 34.7 52.1

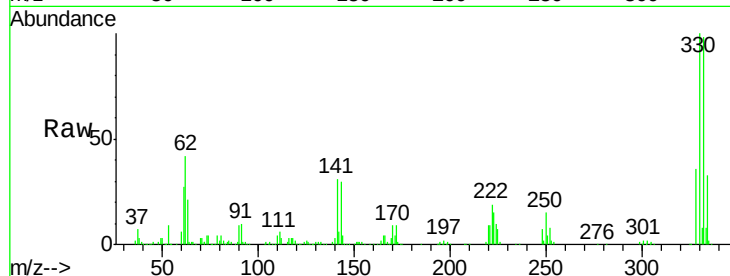




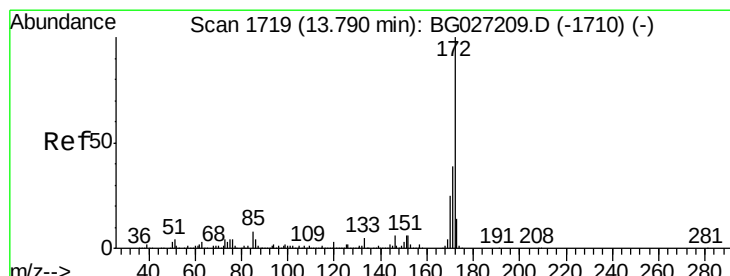
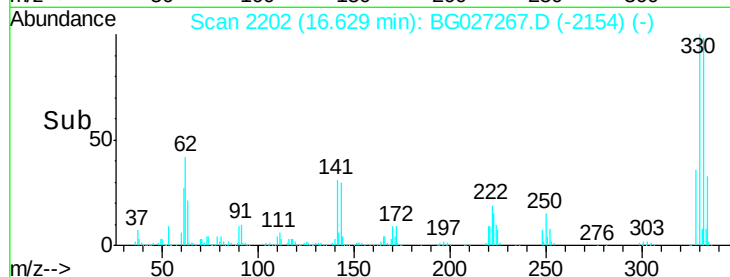
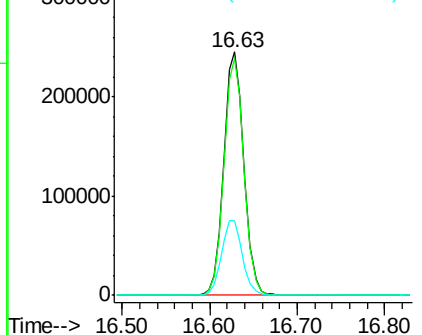
#41
 2,4,6-Tribromophenol
 Concen: 162.290 ng
 RT: 16.63 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027267.D
 Acq: 7 Jun 2017 2:42

Instrument :
 BNA_G
 ClientSampleId :
 TW-1-20170603

Tgt Ion:330 Resp: 388140
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 32.1 32.1 48.1

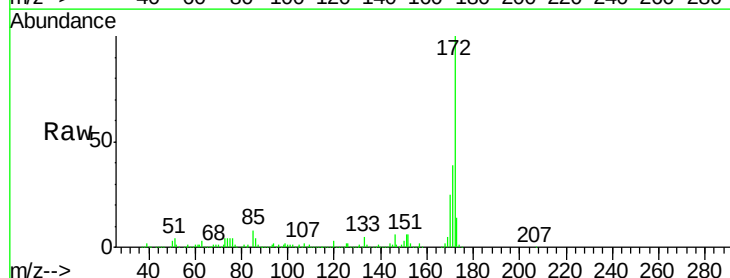


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

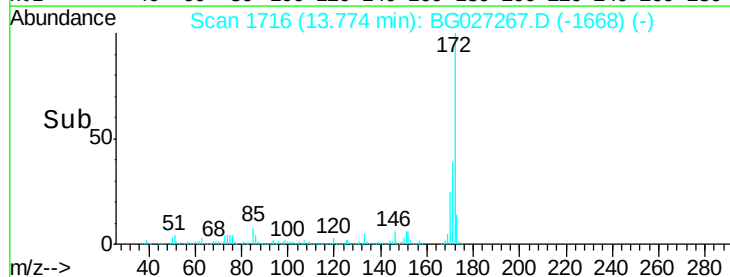
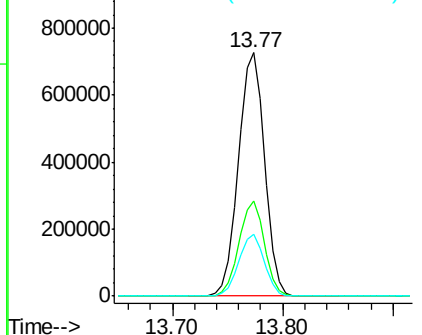


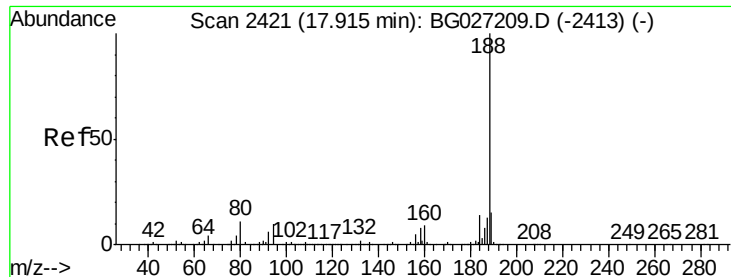
#44
 2-Fluorobiphenyl
 Concen: 93.194 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027267.D
 Acq: 7 Jun 2017 2:42

Tgt Ion:172 Resp: 1209893
 Ion Ratio Lower Upper
 172 100
 171 39.0 32.2 48.2
 170 25.2 21.8 32.6



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: 17.89 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG027267.D

Acq: 7 Jun 2017 2:42

Instrument :

BNA_G

ClientSampleId :

TW-1-20170603

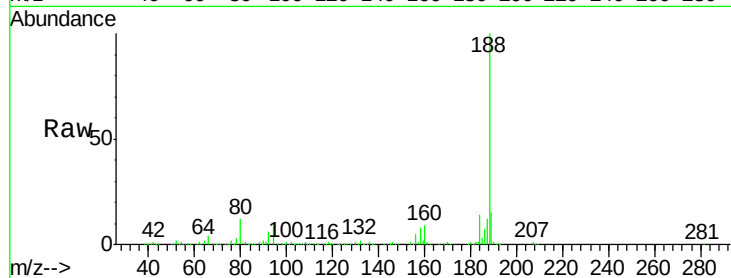
Tgt Ion:188 Resp: 412365

Ion Ratio Lower Upper

188 100

94 10.2 5.8 8.8#

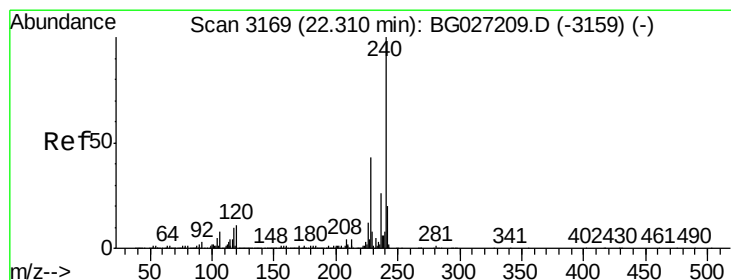
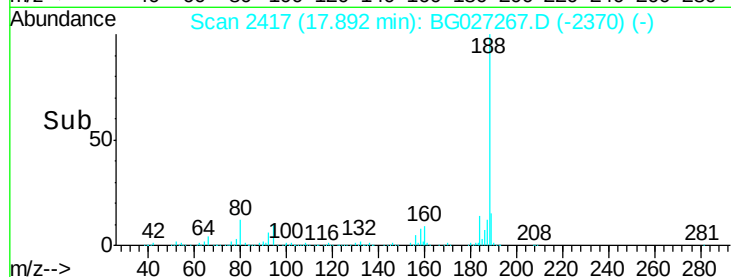
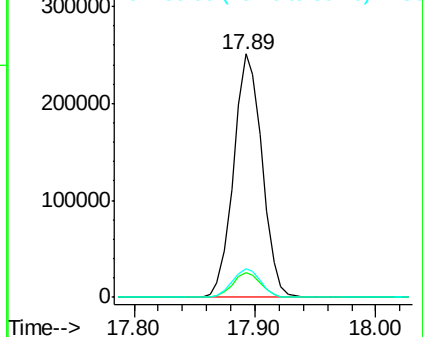
80 12.0 7.5 11.3#



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: 22.28 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG027267.D

Acq: 7 Jun 2017 2:42

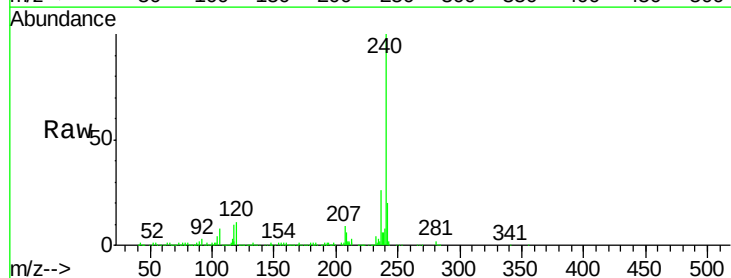
Tgt Ion:240 Resp: 418283

Ion Ratio Lower Upper

240 100

120 10.7 5.7 8.5#

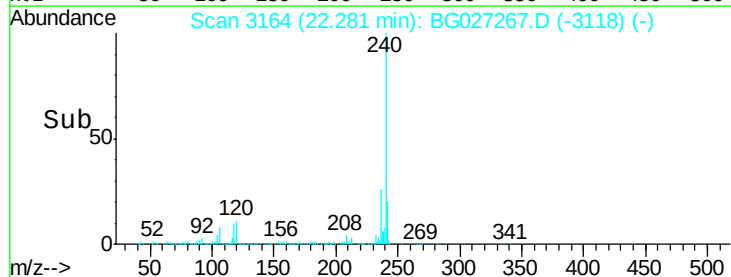
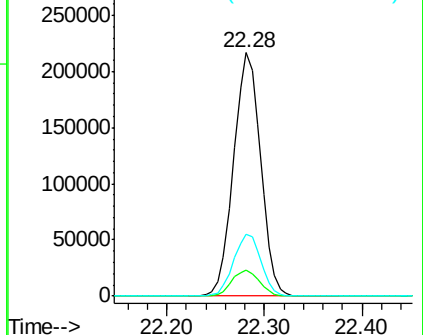
236 25.6 22.2 33.4

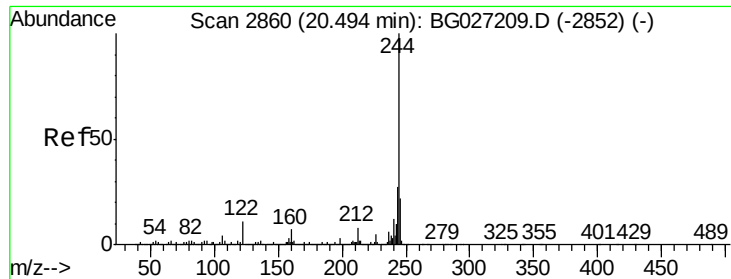


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.152 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027267.D

Acq: 7 Jun 2017 2:42

Instrument :

BNA_G

ClientSampleId :

TW-1-20170603

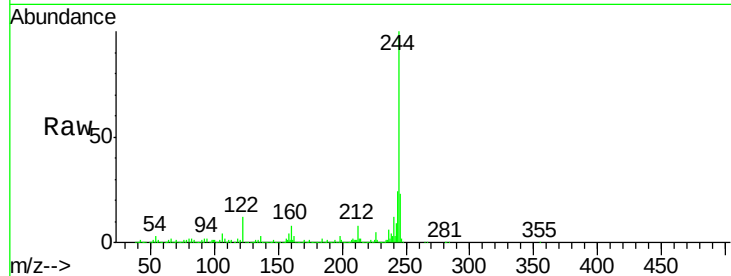
Tgt Ion:244 Resp: 1609372

Ion Ratio Lower Upper

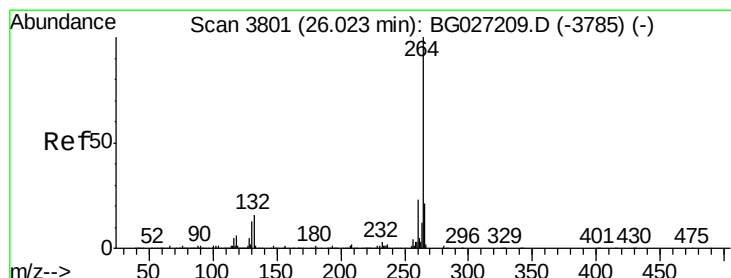
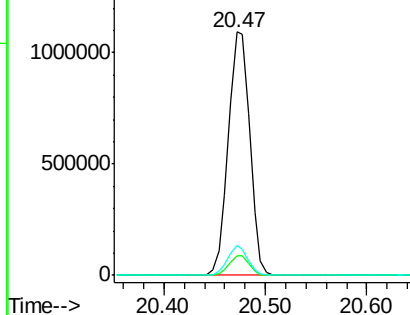
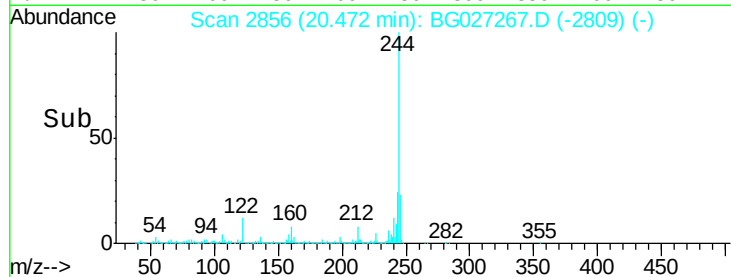
244 100

212 8.1 10.0 15.0#

122 12.1 8.6 12.8



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: 25.98 min Scan# 3793

Delta R.T. -0.05 min

Lab File: BG027267.D

Acq: 7 Jun 2017 2:42

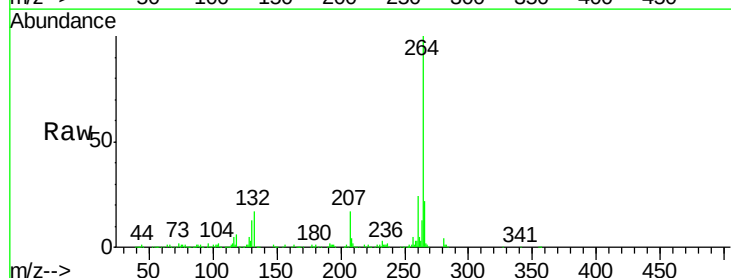
Tgt Ion:264 Resp: 392215

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 22.2 18.2 27.4



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

