

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
 Data File : BG027246.D
 Acq On : 6 Jun 2017 12:57
 Operator : SJ/MA
 Sample : I3438-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-6

Quant Time: Jun 06 18:38:02 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	8.57	152	46557	20.00	ng	0.00
21) Naphthalene-d8	11.38	136	207932	20.00	ng	-0.01
38) Acenaphthene-d10	15.15	164	137213	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	357885	20.00	ng	-0.01
75) Chrysene-d12	22.29	240	397704	20.00	ng	-0.02
86) Perylene-d12	25.99	264	374700	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	437121	143.27	ng	0.00
7) Phenol-d6	7.70	99	556172	124.19	ng	0.00
23) Nitrobenzene-d5	9.73	82	364382	110.21	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	318513	176.28	ng	-0.01
44) 2-Fluorobiphenyl	13.78	172	944950	96.34	ng	-0.01
78) Terphenyl-d14	20.48	244	1610612	103.31	ng	-0.01

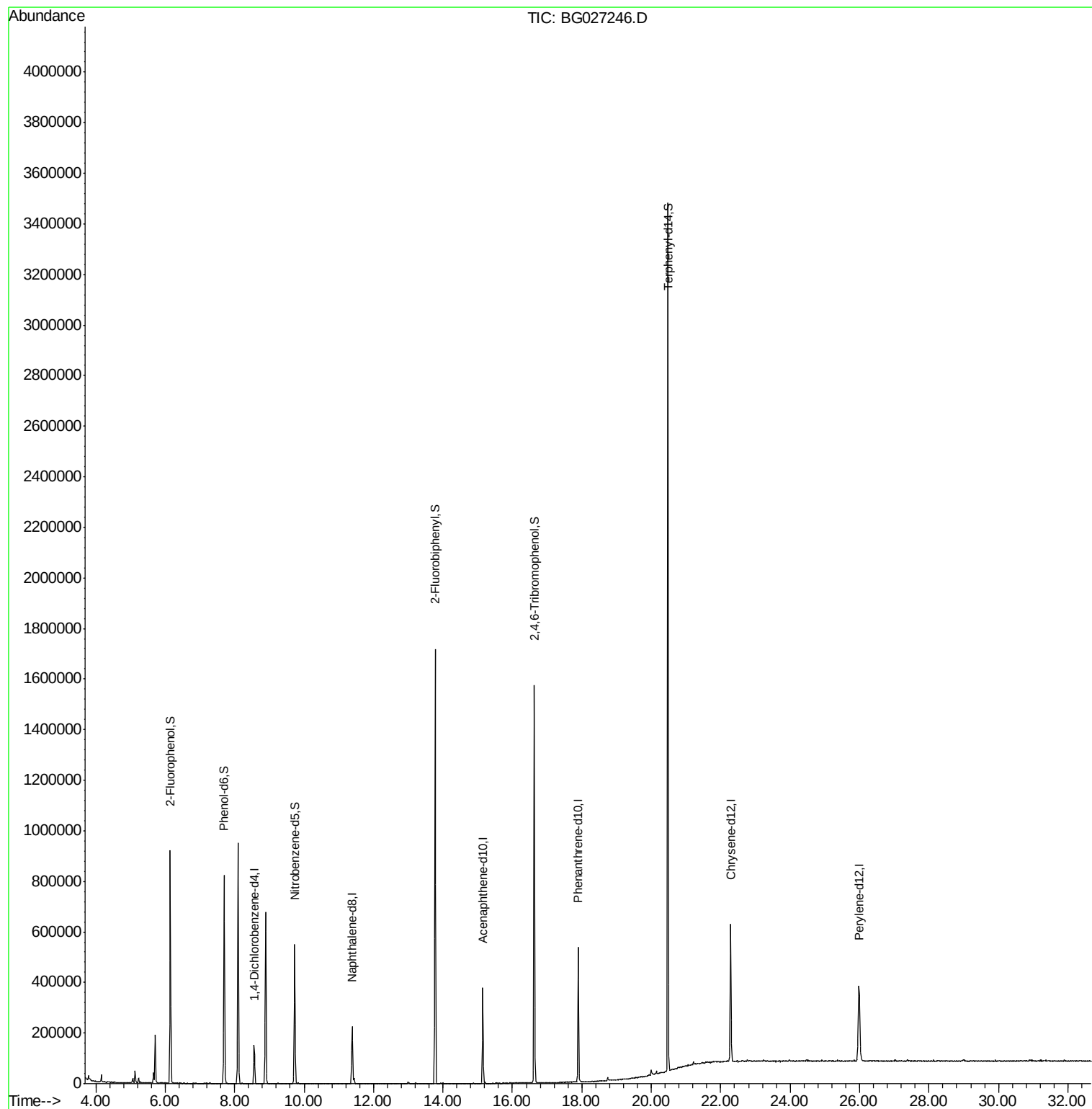
Target Compounds	Qvalue
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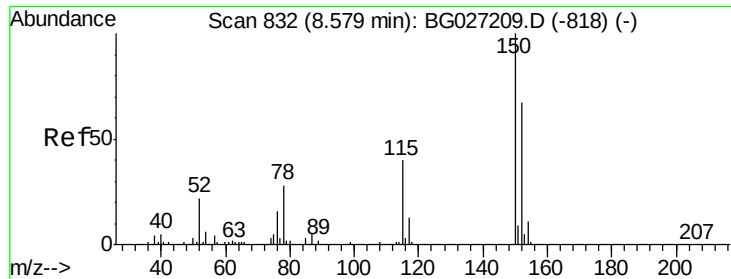
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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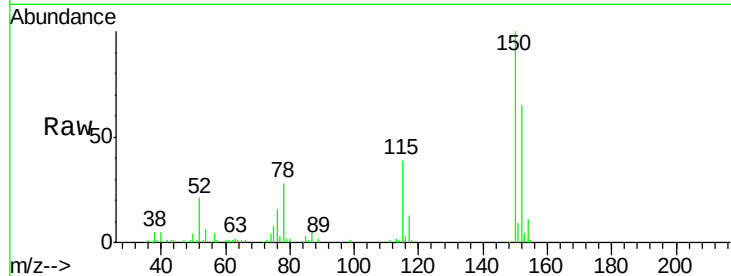


#1

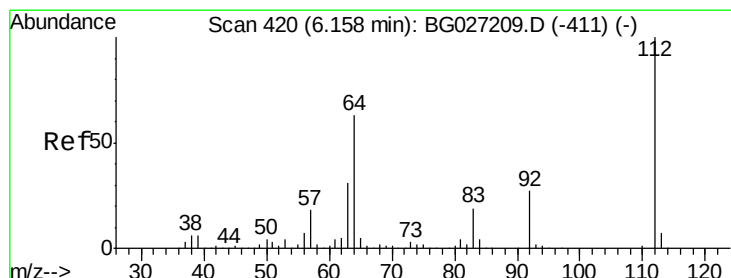
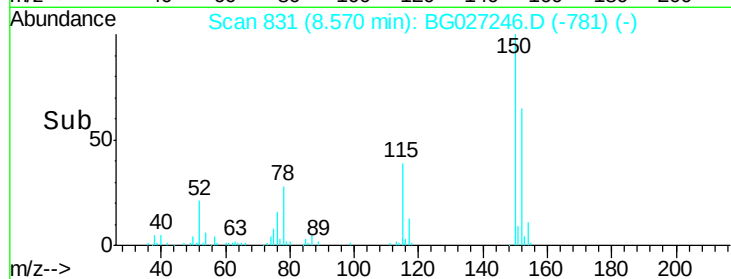
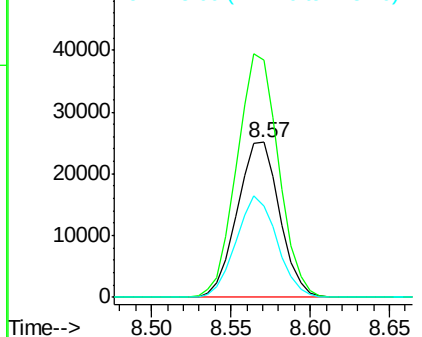
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.57 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG027246.D
Acq: 6 Jun 2017 12:57

Instrument :
BNA_G
ClientSampleId :
TP-5-6

Tgt Ion:152 Resp: 46557
Ion Ratio Lower Upper
152 100
150 153.1 114.0 171.0
115 59.4 48.1 72.1



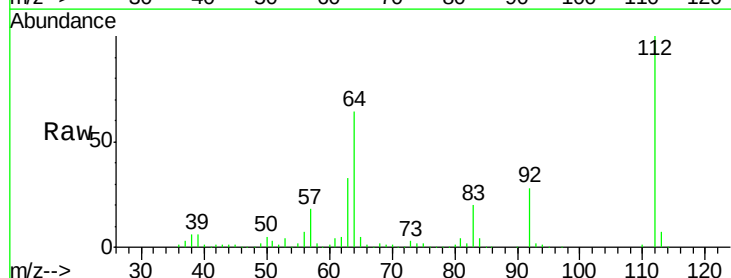
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



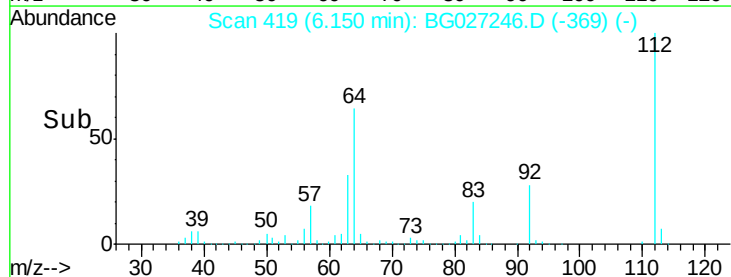
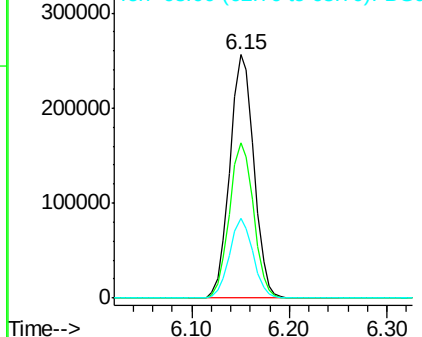
#5

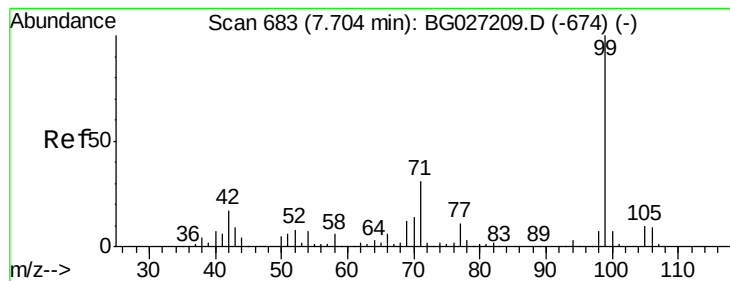
2-Fluorophenol
Concen: 143.272 ng
RT: 6.15 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG027246.D
Acq: 6 Jun 2017 12:57

Tgt Ion:112 Resp: 437121
Ion Ratio Lower Upper
112 100
64 64.0 61.8 92.6
63 33.0 37.2 55.8#



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: 124.187 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027246.D

Acq: 6 Jun 2017 12:57

Instrument :

BNA_G

ClientSampleId :

TP-5-6

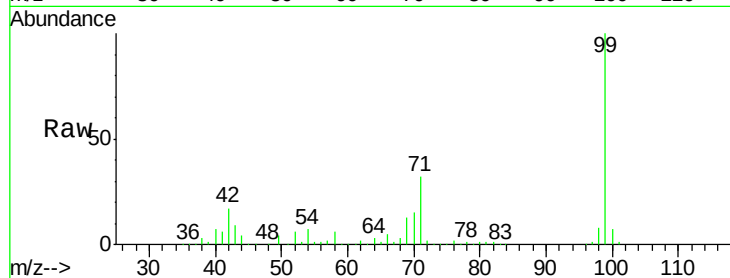
Tgt Ion: 99 Resp: 556172

Ion Ratio Lower Upper

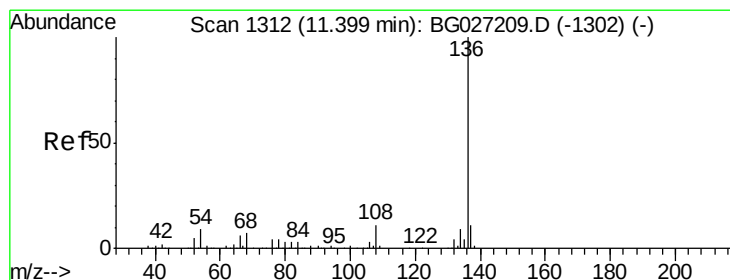
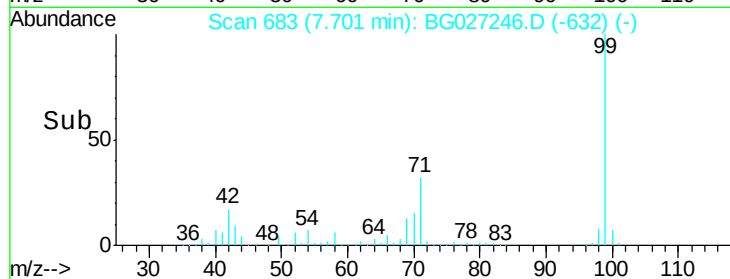
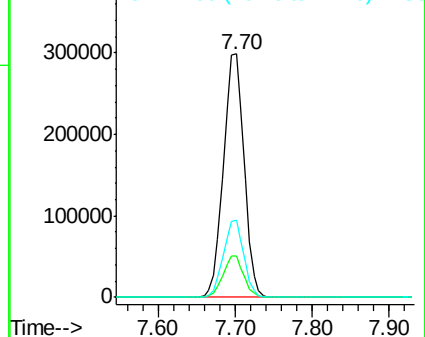
99 100

42 17.0 20.5 30.7#

71 31.8 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# 1310

Delta R.T. -0.01 min

Lab File: BG027246.D

Acq: 6 Jun 2017 12:57

Tgt Ion: 136 Resp: 207932

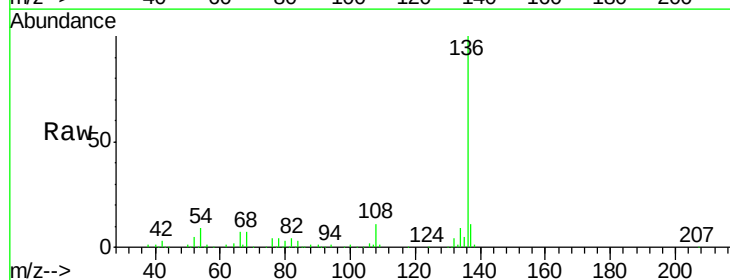
Ion Ratio Lower Upper

136 100

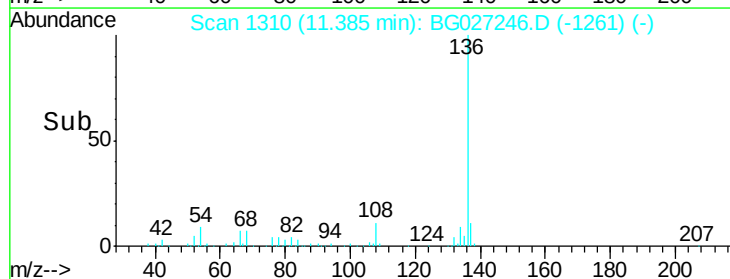
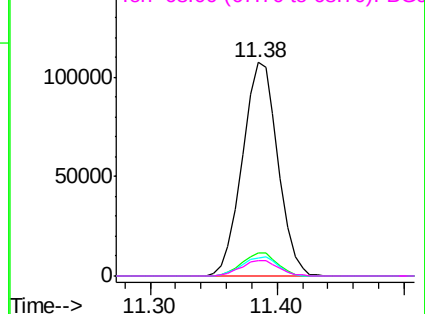
137 10.9 8.9 13.3

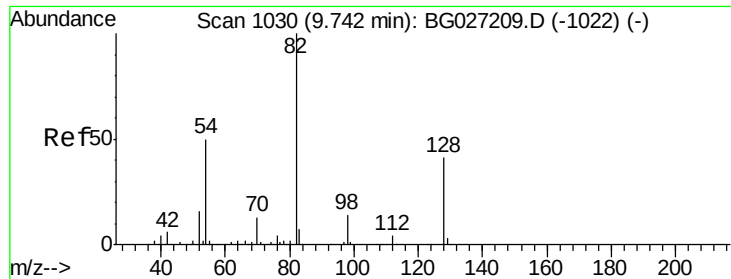
54 8.5 9.3 13.9#

68 7.1 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

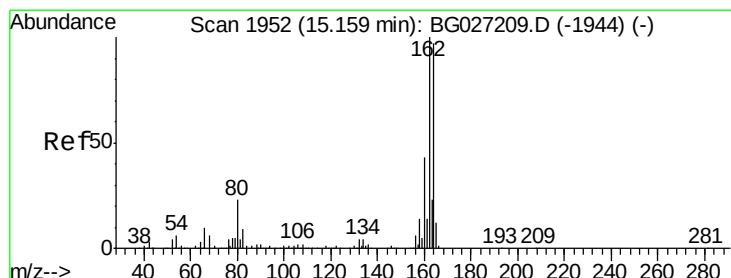
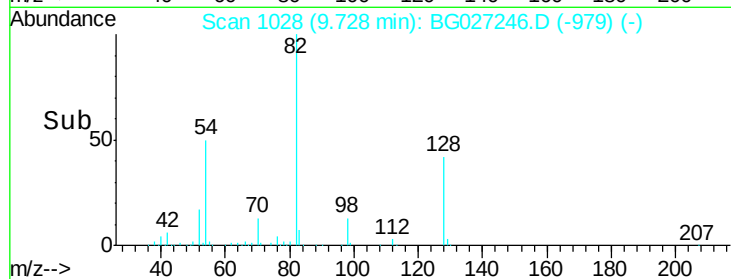
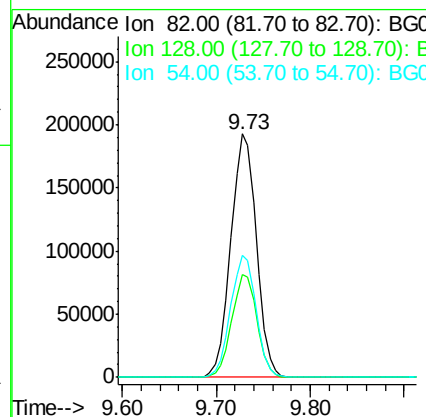
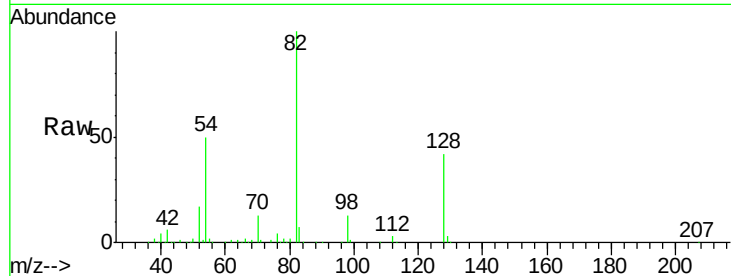




#23
 Nitrobenzene-d5
 Concen: 110.208 ng
 RT: 9.73 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG027246.D
 Acq: 6 Jun 2017 12:57

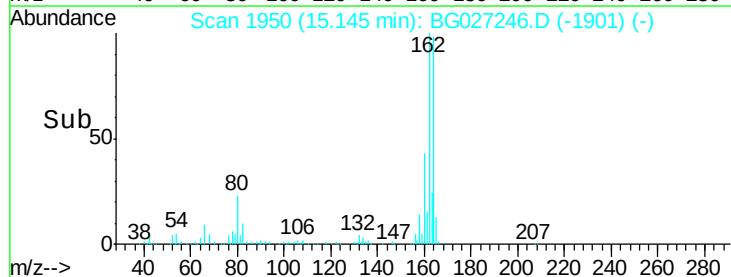
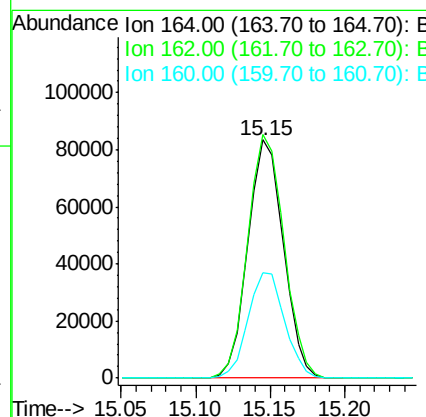
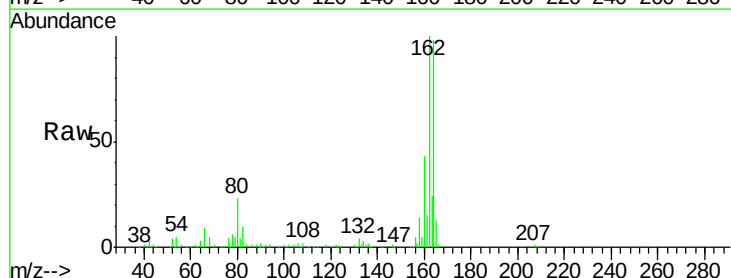
Instrument :
 BNA_G
 ClientSampleId :
 TP-5-6

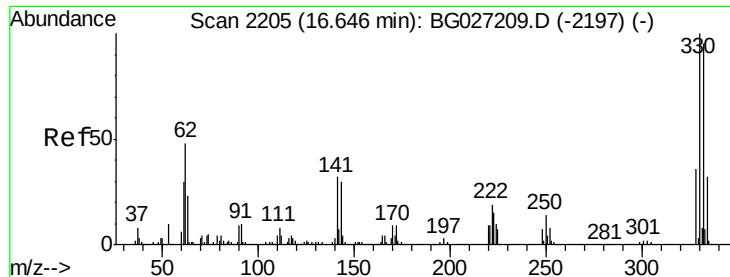
Tgt Ion: 82 Resp: 364382
 Ion Ratio Lower Upper
 82 100
 128 42.2 26.4 39.6#
 54 49.9 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.15 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG027246.D
 Acq: 6 Jun 2017 12:57

Tgt Ion: 164 Resp: 137213
 Ion Ratio Lower Upper
 164 100
 162 102.2 85.1 127.7
 160 44.1 34.7 52.1

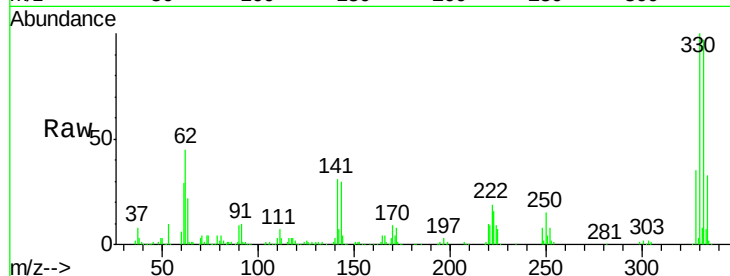




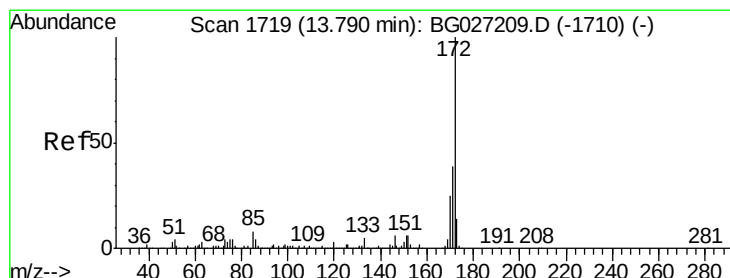
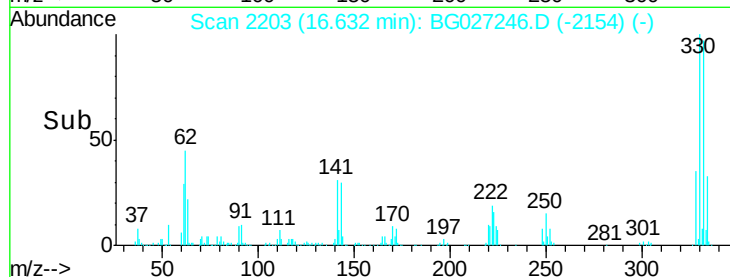
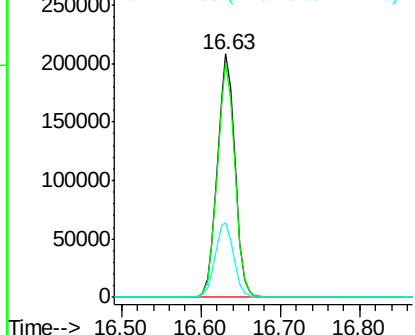
#41
 2,4,6-Tribromophenol
 Concen: 176.280 ng
 RT: 16.63 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG027246.D
 Acq: 6 Jun 2017 12:57

Instrument :
 BNA_G
 ClientSampled :
 TP-5-6

Tgt Ion:330 Resp: 318513
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 32.3 32.1 48.1

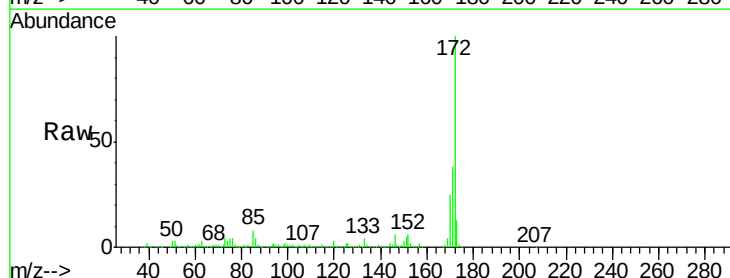


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

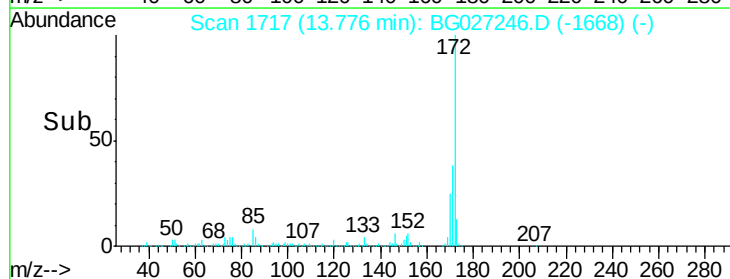
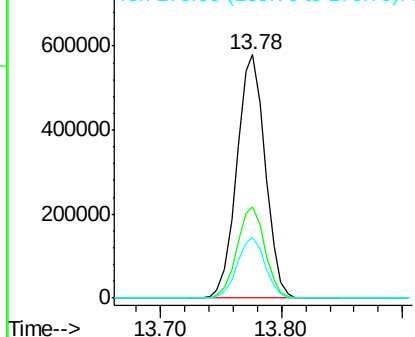


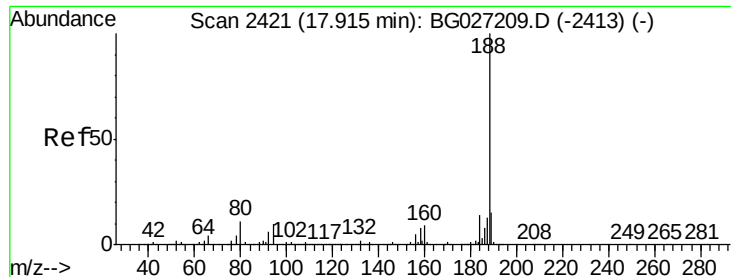
#44
 2-Fluorobiphenyl
 Concen: 96.344 ng
 RT: 13.78 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG027246.D
 Acq: 6 Jun 2017 12:57

Tgt Ion:172 Resp: 944950
 Ion Ratio Lower Upper
 172 100
 171 37.6 32.2 48.2
 170 24.7 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: 17.90 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG027246.D

Acq: 6 Jun 2017 12:57

Instrument :

BNA_G

ClientSampled :

TP-5-6

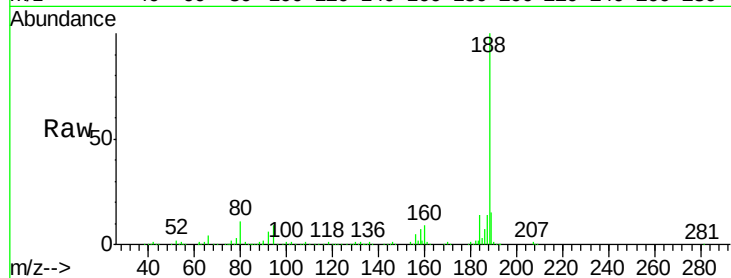
Tgt Ion:188 Resp: 357885

Ion Ratio Lower Upper

188 100

94 9.5 5.8 8.8#

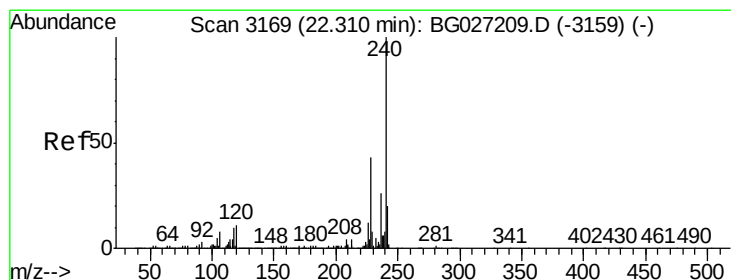
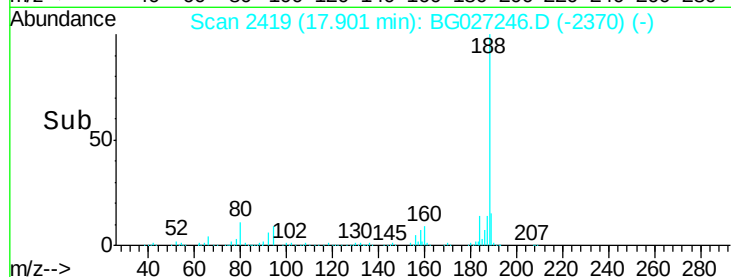
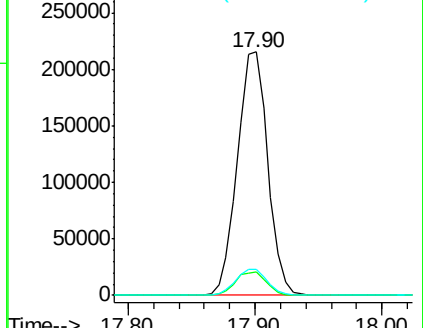
80 10.7 7.5 11.3



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: 22.29 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG027246.D

Acq: 6 Jun 2017 12:57

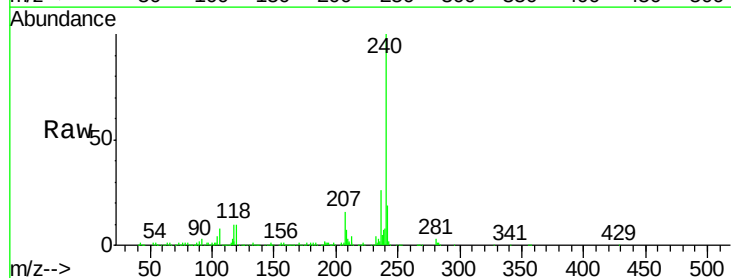
Tgt Ion:240 Resp: 397704

Ion Ratio Lower Upper

240 100

120 10.3 5.7 8.5#

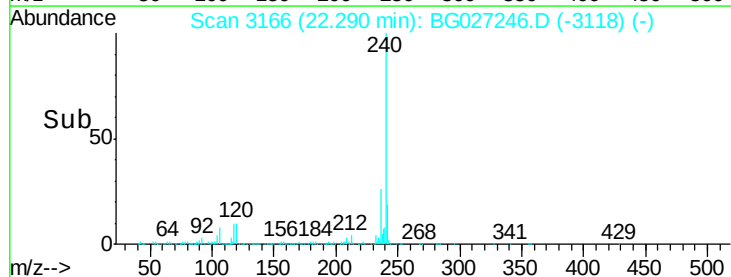
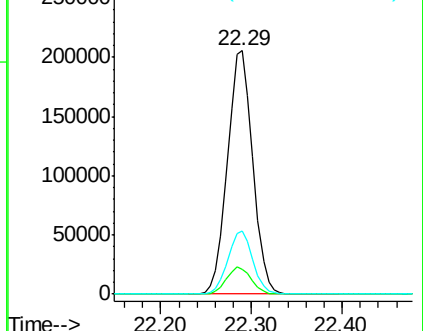
236 25.7 22.2 33.4

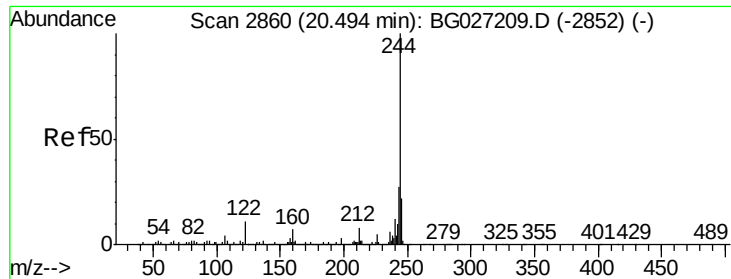


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 103.310 ng

RT: 20.48 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG027246.D

Acq: 6 Jun 2017 12:57

Instrument :

BNA_G

ClientSampled :

TP-5-6

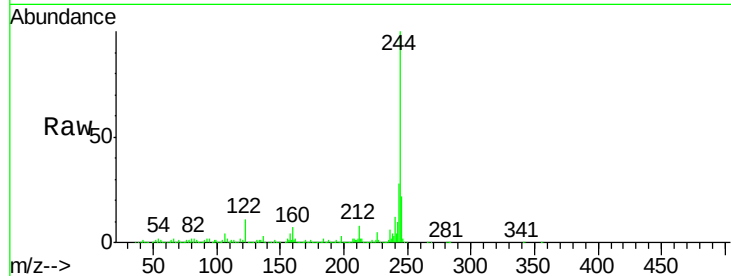
Tgt Ion:244 Resp: 1610612

Ion Ratio Lower Upper

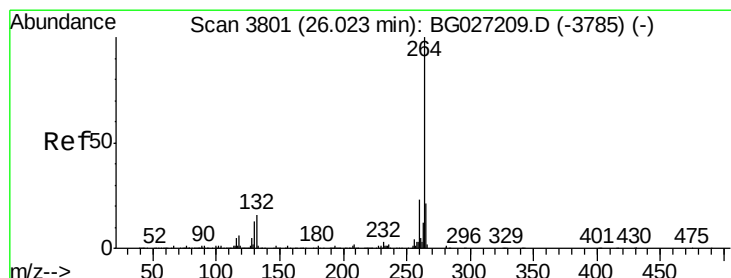
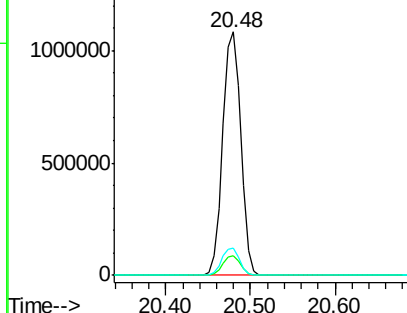
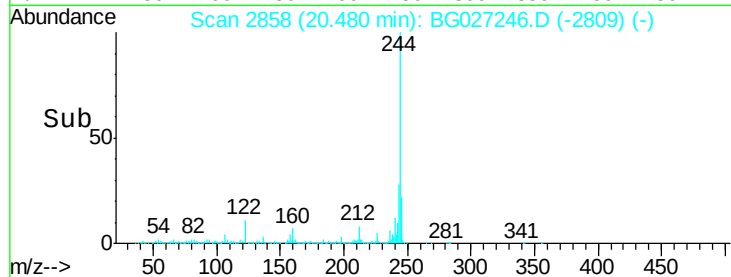
244 100

212 8.2 10.0 15.0#

122 11.2 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: 25.99 min Scan# 3795

Delta R.T. -0.04 min

Lab File: BG027246.D

Acq: 6 Jun 2017 12:57

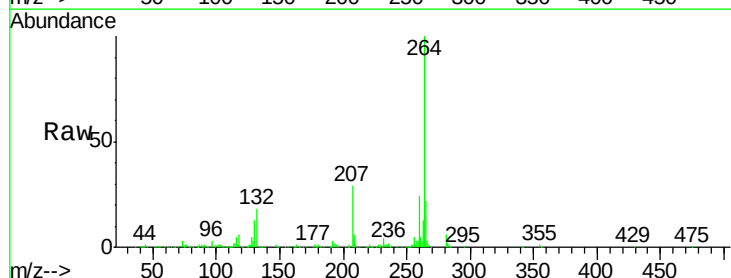
Tgt Ion:264 Resp: 374700

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 21.6 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

