

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070217\
 Data File : BG027818.D
 Acq On : 2 Jul 2017 14:34
 Operator : SJ/JU
 Sample : I3980-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-B-COMP

Quant Time: Jul 03 08:06:46 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	28008	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	135670	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	84701	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	217583	20.00	ng	0.00
75) Chrysene-d12	22.17	240	222723	20.00	ng	0.00
86) Perylene-d12	25.79	264	180490	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	256416	140.98	ng	0.00
7) Phenol-d6	7.62	99	317894	114.41	ng	0.00
23) Nitrobenzene-d5	9.64	82	229497	94.29	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	228992	197.11	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	632109	106.58	ng	0.00
78) Terphenyl-d14	20.39	244	1138774	119.87	ng	0.00

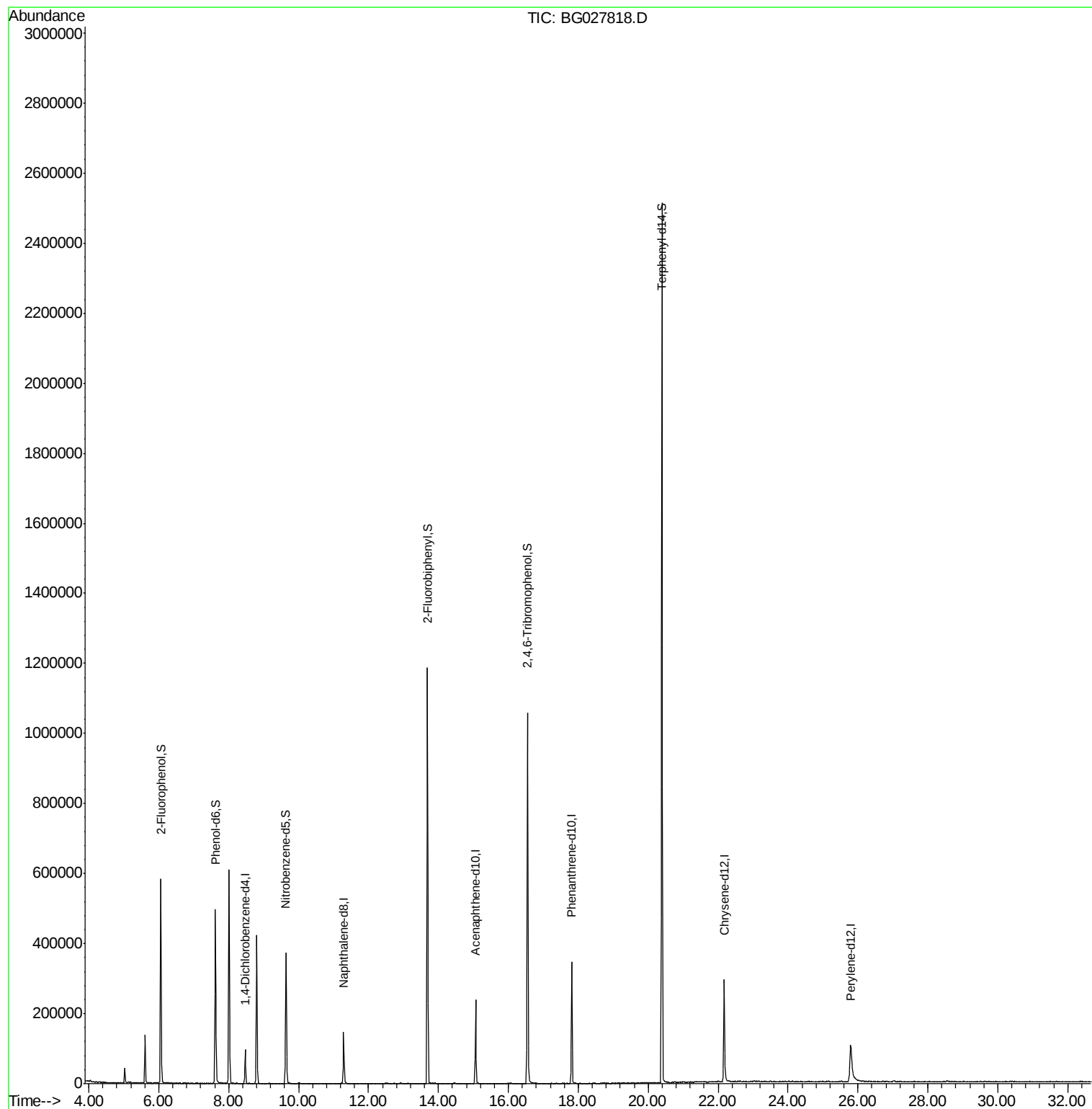
Target Compounds	Qvalue
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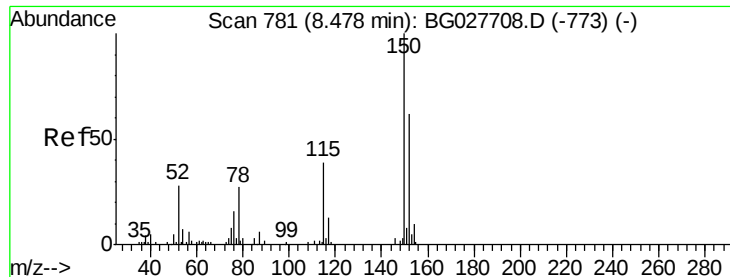
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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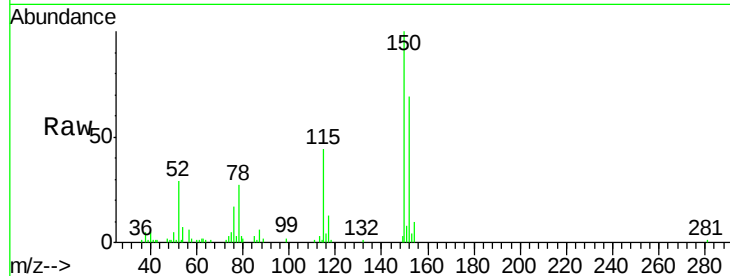


#1

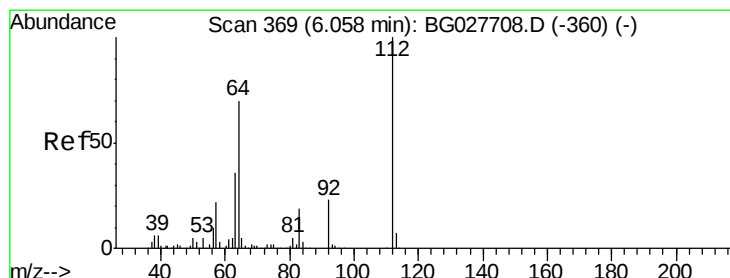
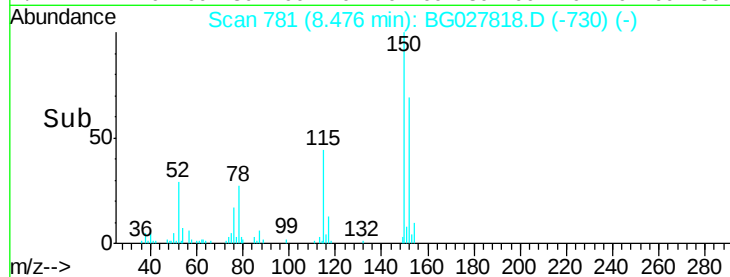
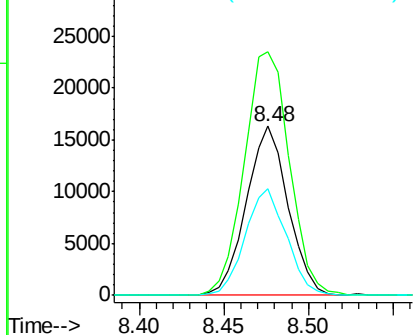
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027818.D
Acq: 2 Jul 2017 14:34

Instrument :
BNA_G
ClientSampleId :
SP-B-COMP

Tgt Ion:152 Resp: 28008
Ion Ratio Lower Upper
152 100
150 143.9 114.0 171.0
115 63.0 48.1 72.1



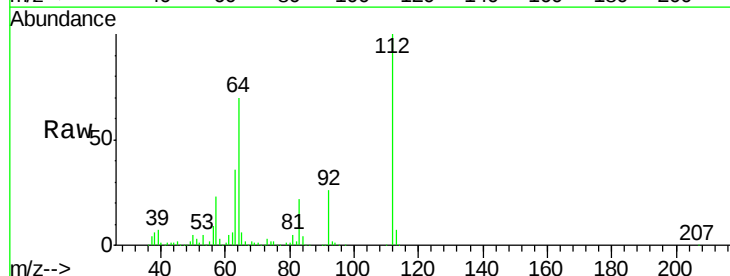
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



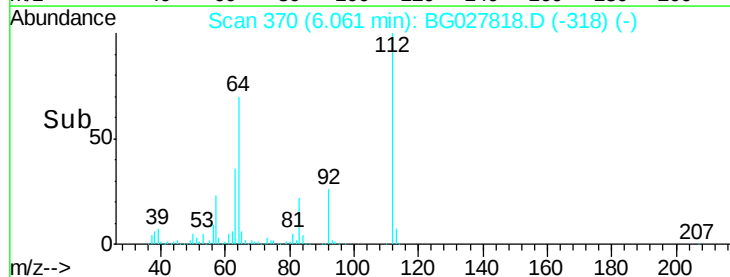
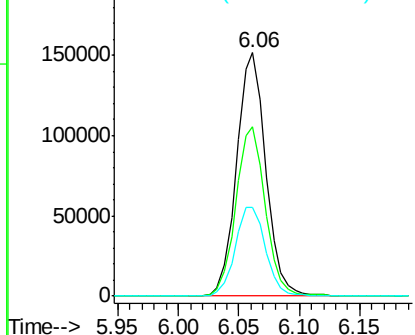
#5

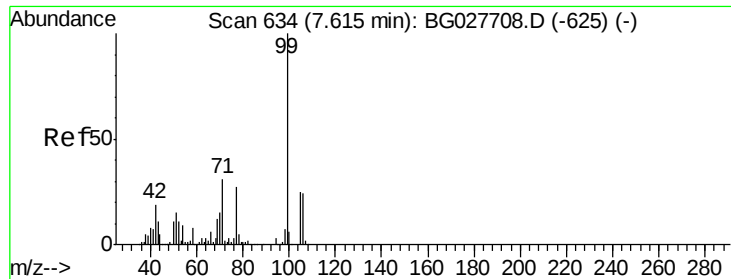
2-Fluorophenol
Concen: 140.980 ng
RT: 6.06 min Scan# 370
Delta R.T. 0.00 min
Lab File: BG027818.D
Acq: 2 Jul 2017 14:34

Tgt Ion:112 Resp: 256416
Ion Ratio Lower Upper
112 100
64 69.8 61.8 92.6
63 36.3 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 114.409 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027818.D

Acq: 2 Jul 2017 14:34

Instrument :

BNA_G

ClientSampleId :

SP-B-COMP

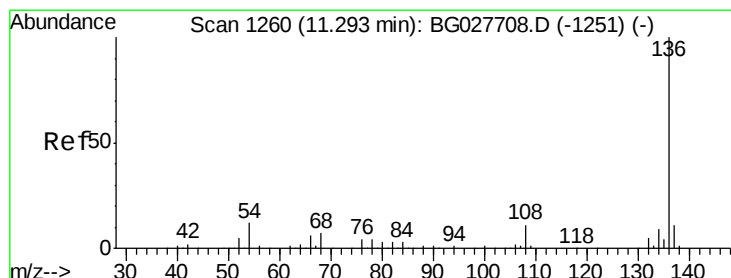
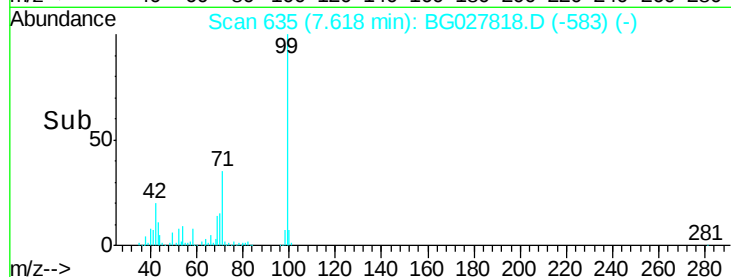
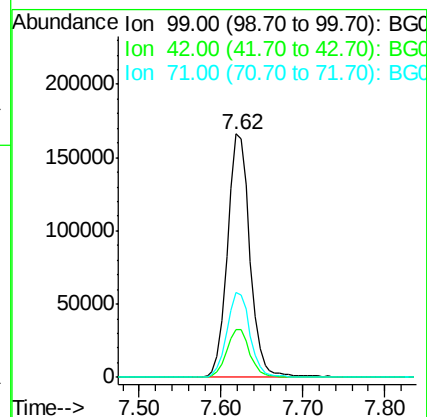
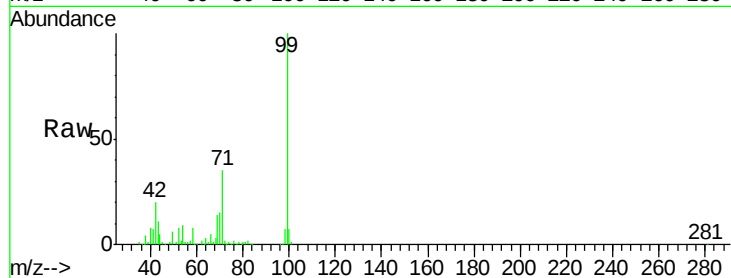
Tgt Ion: 99 Resp: 317894

Ion Ratio Lower Upper

99 100

42 19.7 20.5 30.7#

71 35.1 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.29 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG027818.D

Acq: 2 Jul 2017 14:34

Tgt Ion: 136 Resp: 135670

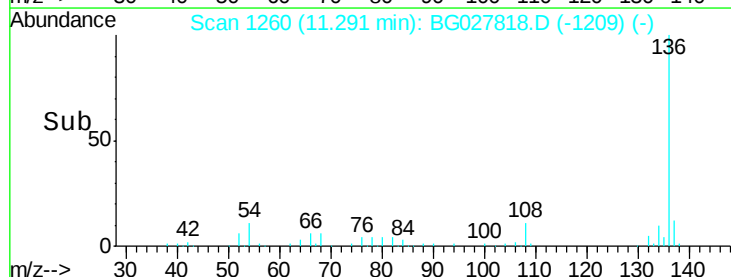
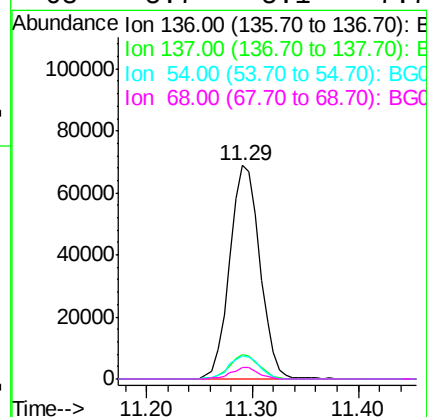
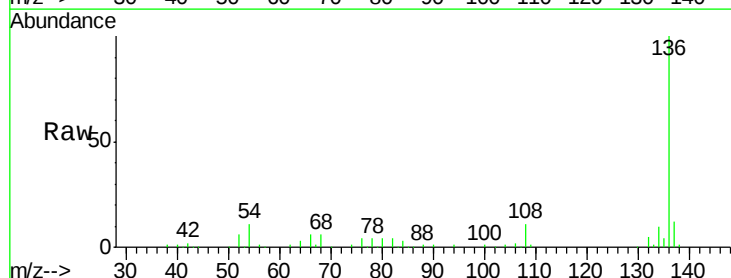
Ion Ratio Lower Upper

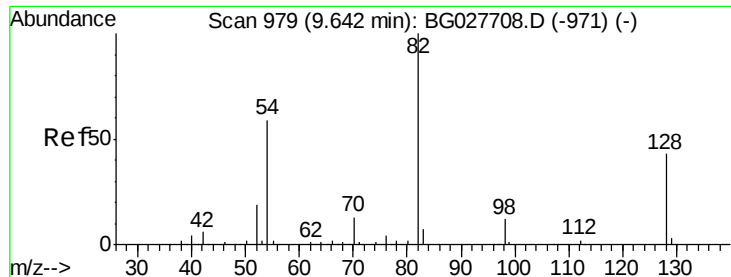
136 100

137 11.6 8.9 13.3

54 10.6 9.3 13.9

68 5.7 5.1 7.7

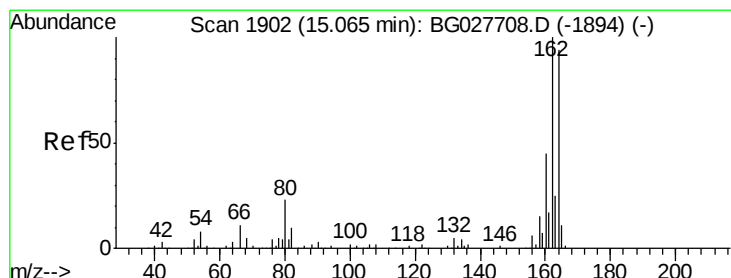
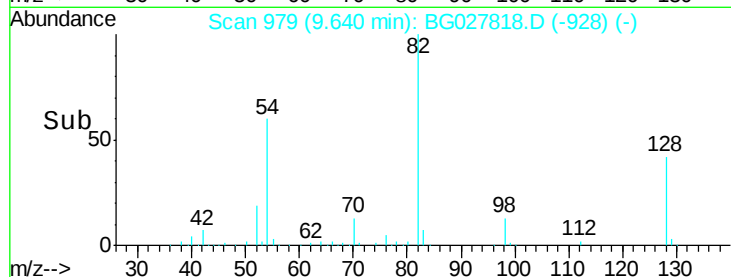
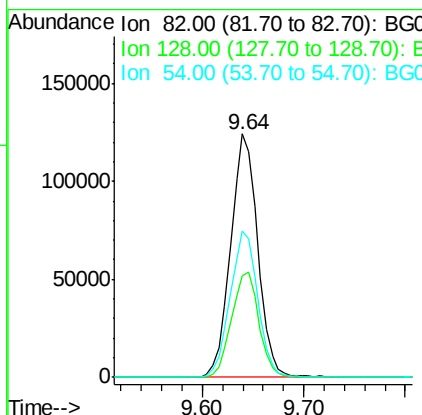
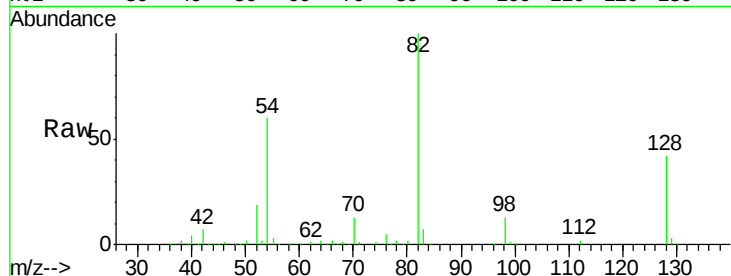




#23
Nitrobenzene-d5
Concen: 94.290 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG027818.D
Acq: 2 Jul 2017 14:34

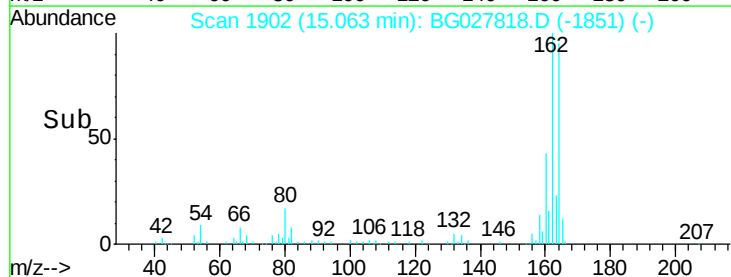
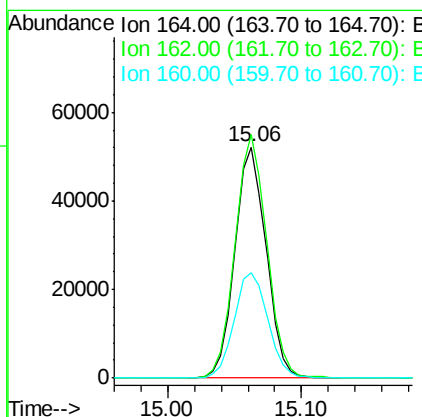
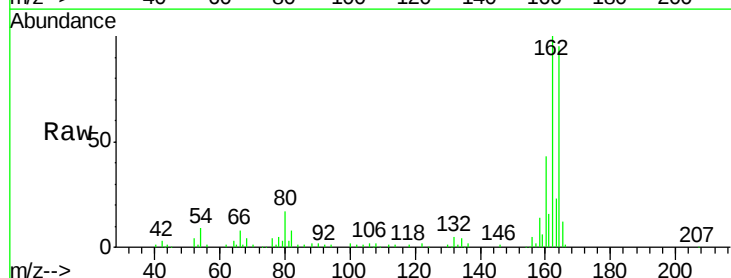
Instrument :
BNA_G
ClientSampleId :
SP-B-COMP

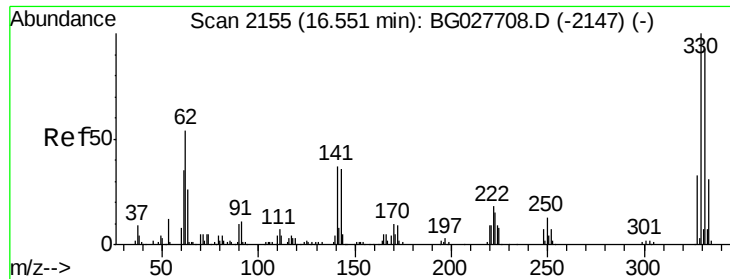
Tgt Ion: 82 Resp: 229497
Ion Ratio Lower Upper
82 100
128 41.8 26.4 39.6#
54 59.9 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.06 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG027818.D
Acq: 2 Jul 2017 14:34

Tgt Ion: 164 Resp: 84701
Ion Ratio Lower Upper
164 100
162 105.4 85.1 127.7
160 45.7 34.7 52.1

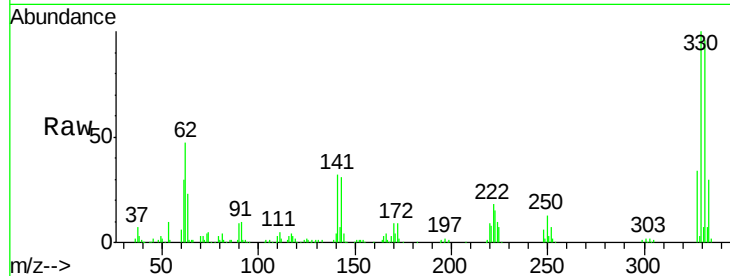




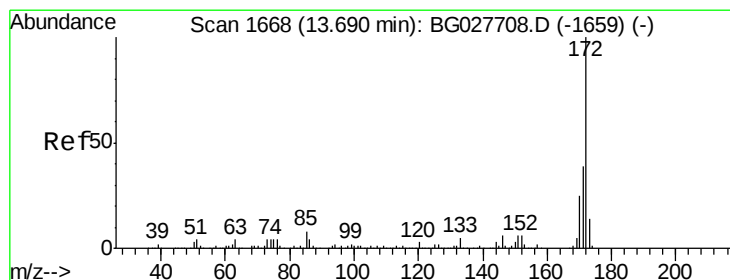
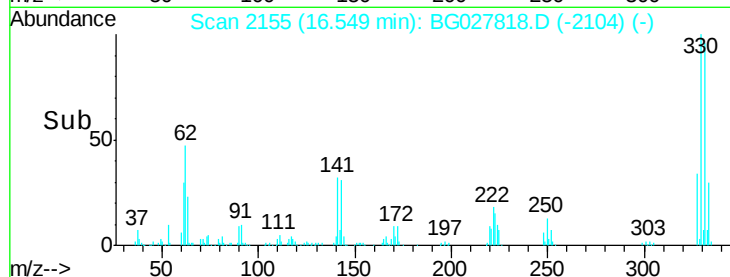
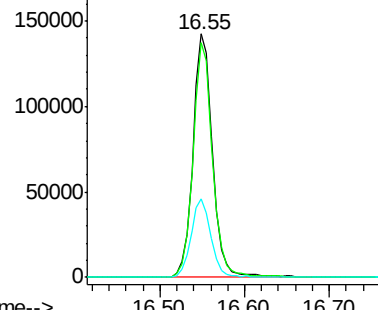
#41
 2,4,6-Tribromophenol
 Concen: 197.107 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027818.D
 Acq: 2 Jul 2017 14:34

Instrument :
 BNA_G
 ClientSampleId :
 SP-B-COMP

Tgt Ion:330 Resp: 228992
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 33.3 32.1 48.1

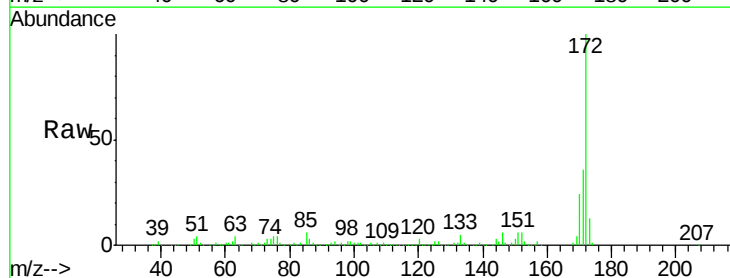


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

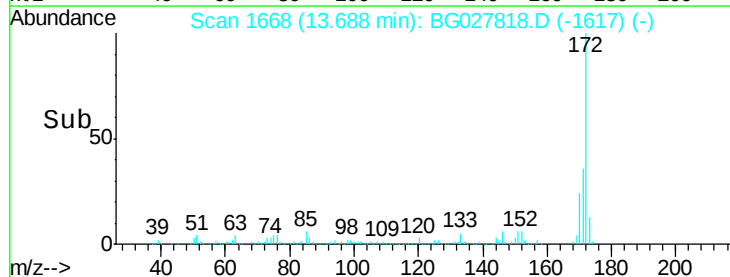
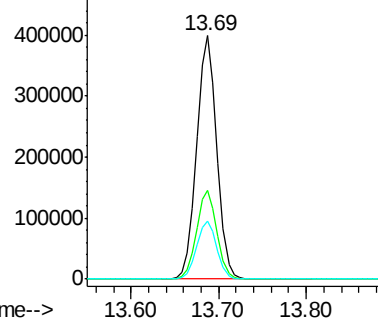


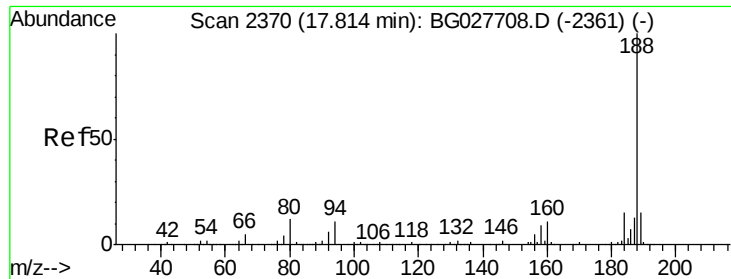
#44
 2-Fluorobiphenyl
 Concen: 106.582 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027818.D
 Acq: 2 Jul 2017 14:34

Tgt Ion:172 Resp: 632109
 Ion Ratio Lower Upper
 172 100
 171 36.4 32.2 48.2
 170 23.9 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

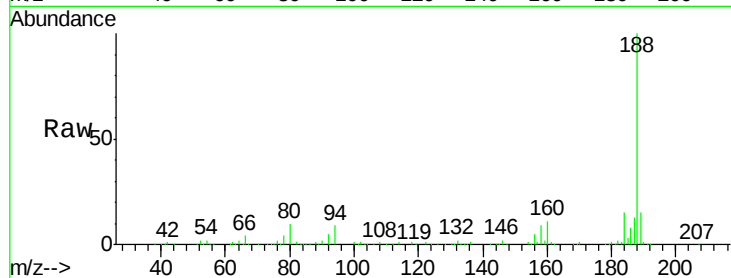




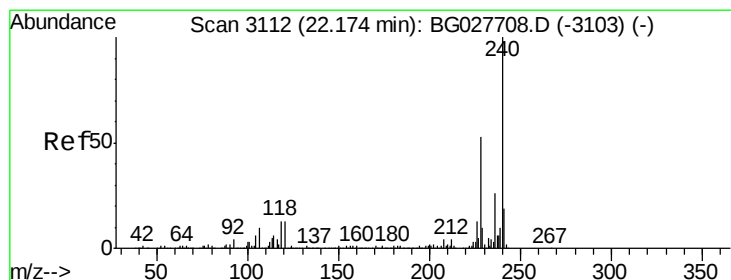
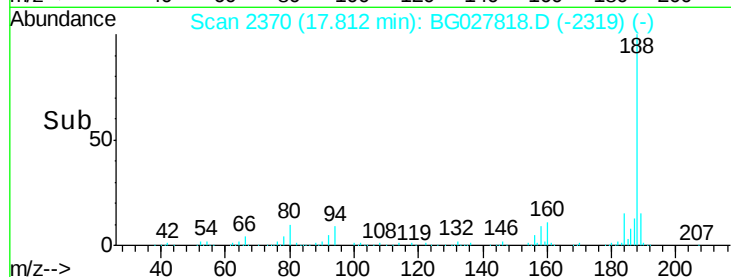
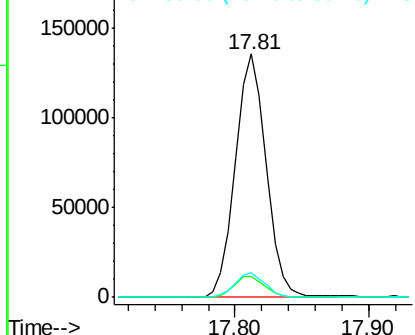
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027818.D
Acq: 2 Jul 2017 14:34

Instrument :
BNA_G
ClientSampleId :
SP-B-COMP

Tgt Ion:188 Resp: 217583
Ion Ratio Lower Upper
188 100
94 8.6 5.8 8.8
80 10.0 7.5 11.3

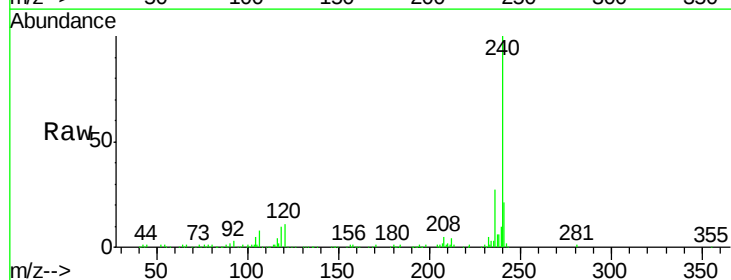


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

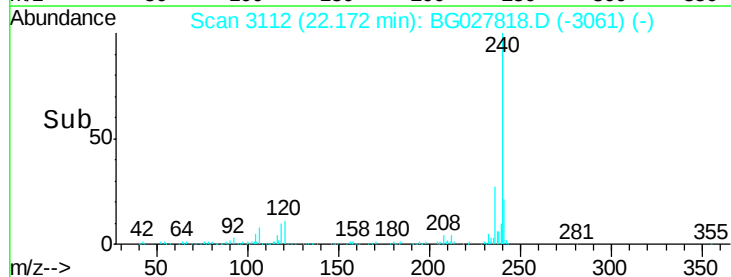
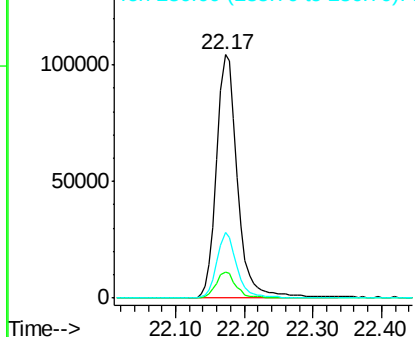


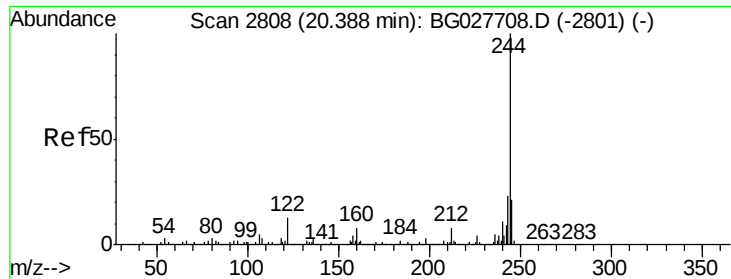
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.17 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG027818.D
Acq: 2 Jul 2017 14:34

Tgt Ion:240 Resp: 222723
Ion Ratio Lower Upper
240 100
120 10.7 5.7 8.5#
236 26.8 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: 119.867 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG027818.D

Acq: 2 Jul 2017 14:34

Instrument :

BNA_G

ClientSampled :

SP-B-COMP

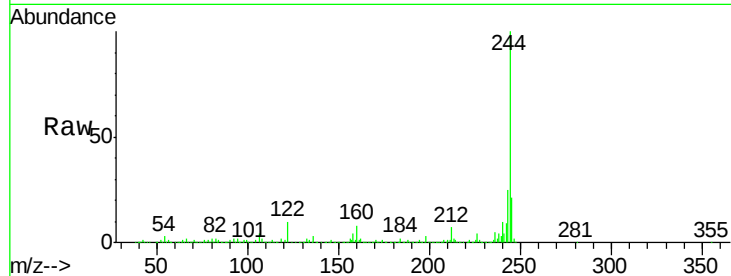
Tgt Ion:244 Resp: 1138774

Ion Ratio Lower Upper

244 100

212 7.3 10.0 15.0#

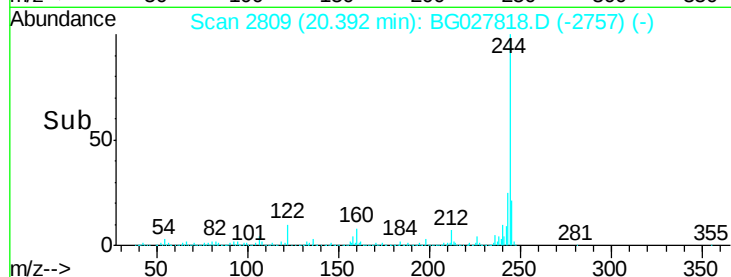
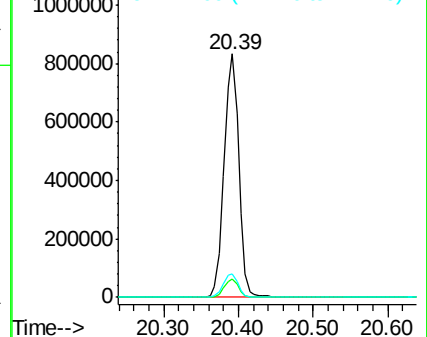
122 9.8 8.6 12.8



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: 25.79 min Scan# 3728

Delta R.T. 0.00 min

Lab File: BG027818.D

Acq: 2 Jul 2017 14:34

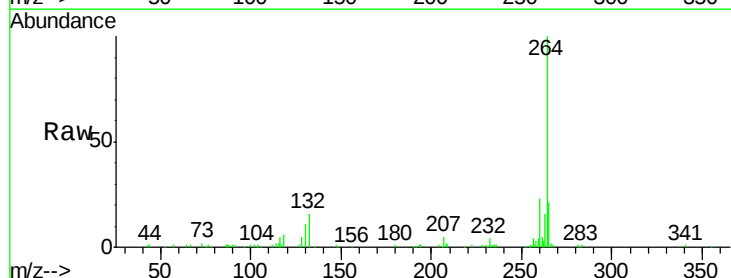
Tgt Ion:264 Resp: 180490

Ion Ratio Lower Upper

264 100

260 22.8 21.8 32.8

265 21.0 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

