

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070717\
 Data File : BG027888.D
 Acq On : 8 Jul 2017 3:56
 Operator : SJ/JU
 Sample : SP-4002
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-4002

Quant Time: Jul 08 05:09:43 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	31734	20.00	ng	0.00
21) Naphthalene-d8	11.25	136	139173	20.00	ng	0.00
38) Acenaphthene-d10	15.03	164	76078	20.00	ng	0.00
63) Phenanthrene-d10	17.78	188	213316	20.00	ng	0.00
75) Chrysene-d12	22.12	240	248552	20.00	ng	0.00
86) Perylene-d12	25.69	264	237479	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	385432	187.03	ng	0.00
7) Phenol-d6	7.58	99	503474	159.92	ng	0.00
23) Nitrobenzene-d5	9.59	82	249027	99.74	ng	0.00
41) 2,4,6-Tribromophenol	16.51	330	246700	236.42	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	659381	123.78	ng	0.00
78) Terphenyl-d14	20.36	244	1319891	124.49	ng	0.00

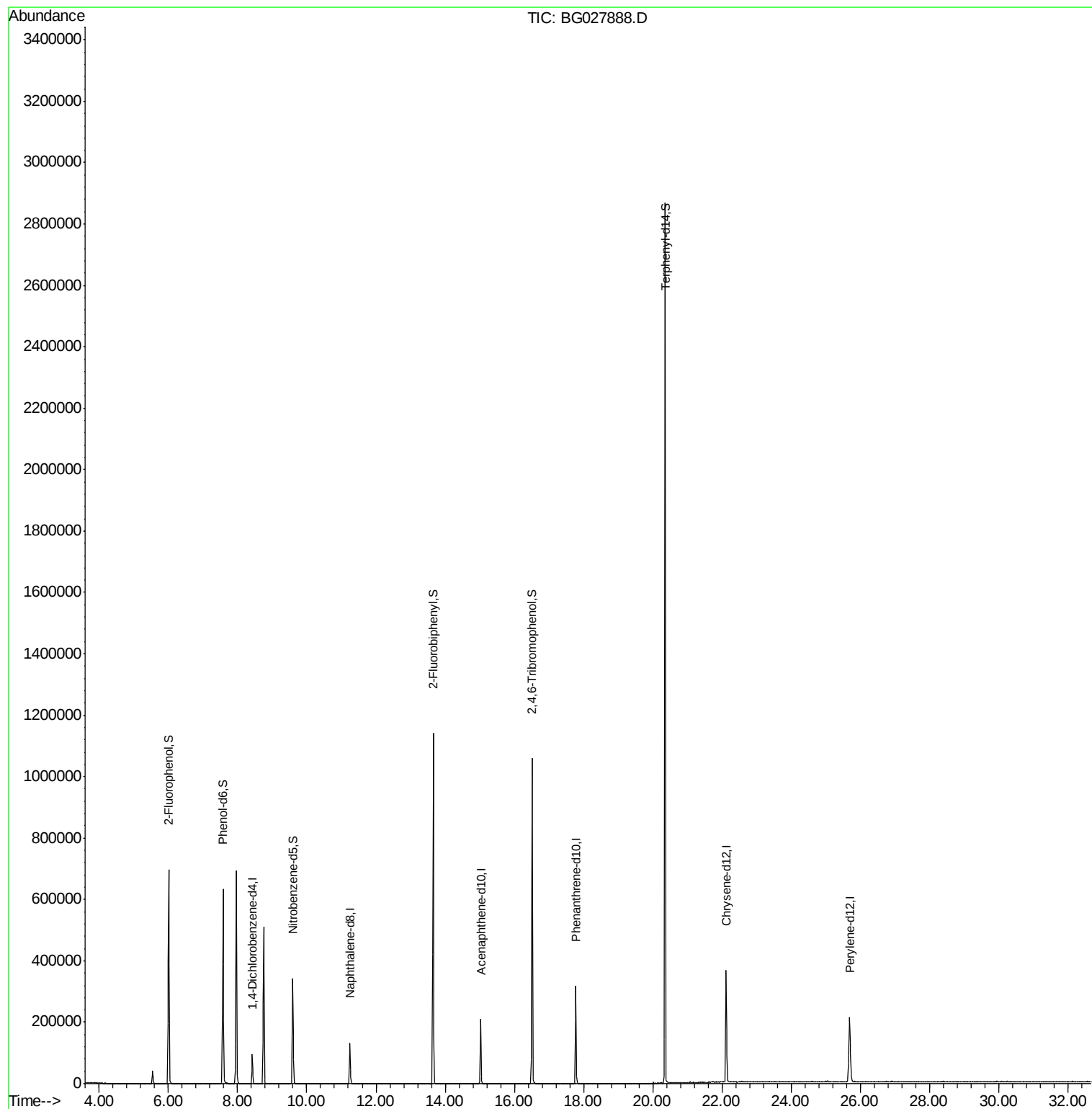
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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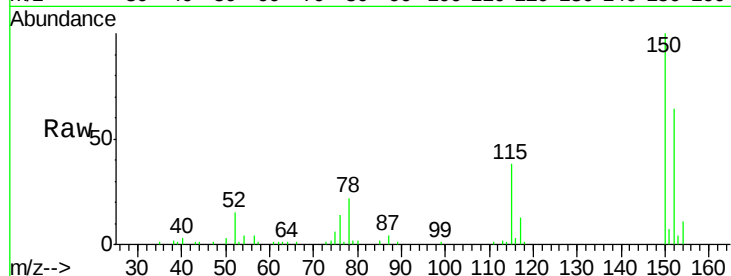


#1

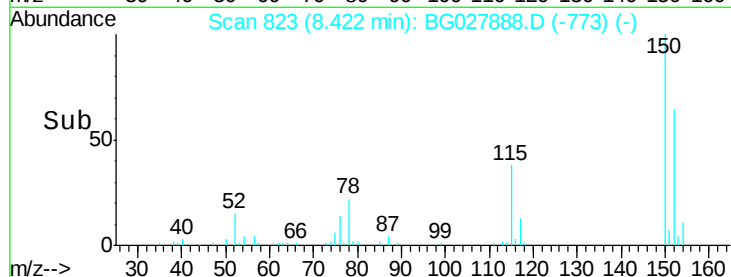
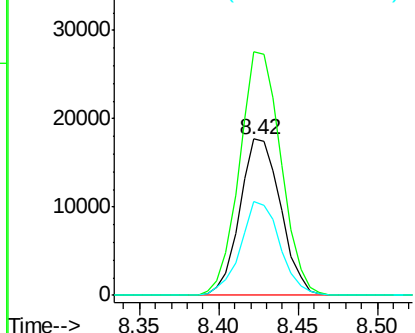
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.42 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG027888.D
Acq: 8 Jul 2017 3:56

Instrument :
BNA_G
ClientSampleId :
SP-4002

Tgt Ion:152 Resp: 31734
Ion Ratio Lower Upper
152 100
150 156.0 114.0 171.0
115 60.0 48.1 72.1



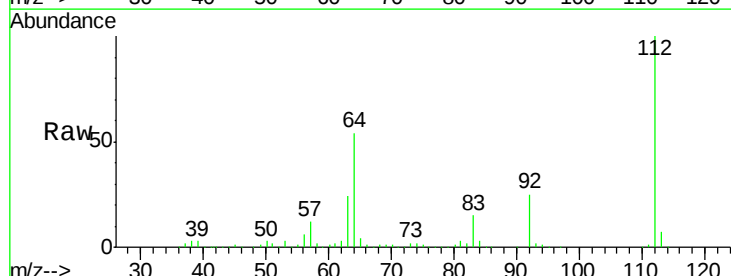
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



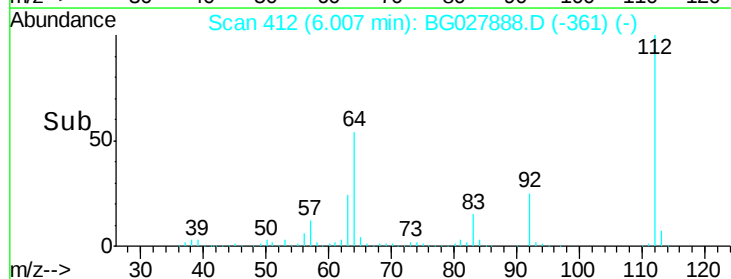
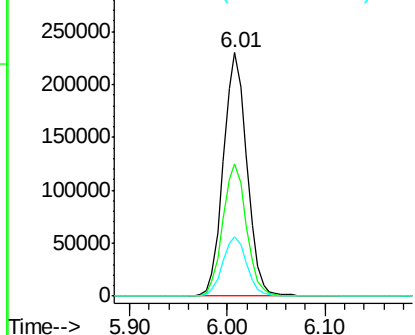
#5

2-Fluorophenol
Concen: 187.033 ng
RT: 6.01 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027888.D
Acq: 8 Jul 2017 3:56

Tgt Ion:112 Resp: 385432
Ion Ratio Lower Upper
112 100
64 54.2 61.8 92.6#
63 24.3 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: 159.923 ng

RT: 7.58 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG027888.D

Acq: 8 Jul 2017 3:56

Instrument :

BNA_G

ClientSampleId :

SP-4002

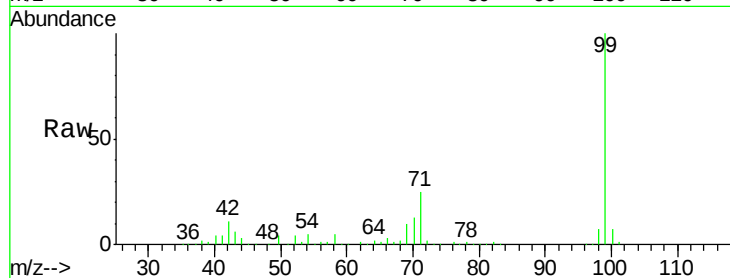
Tgt Ion: 99 Resp: 503474

Ion Ratio Lower Upper

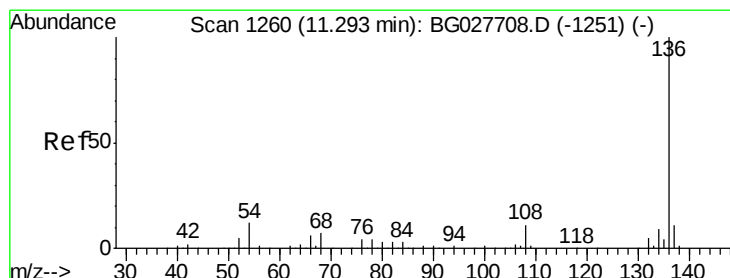
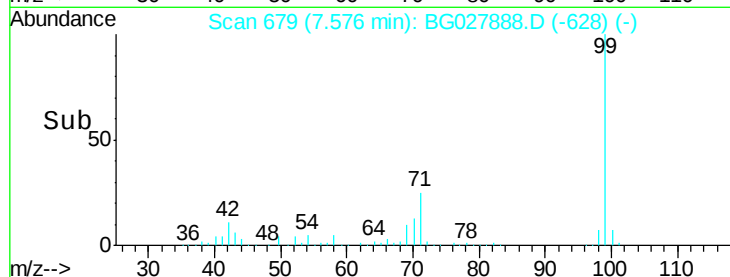
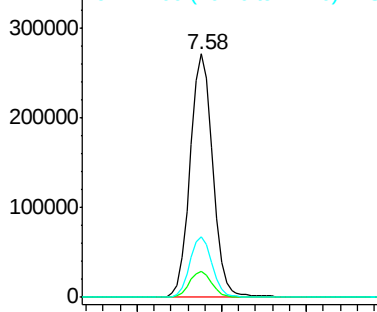
99 100

42 10.5 20.5 30.7#

71 24.9 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: 11.25 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BG027888.D

Acq: 8 Jul 2017 3:56

Tgt Ion: 136 Resp: 139173

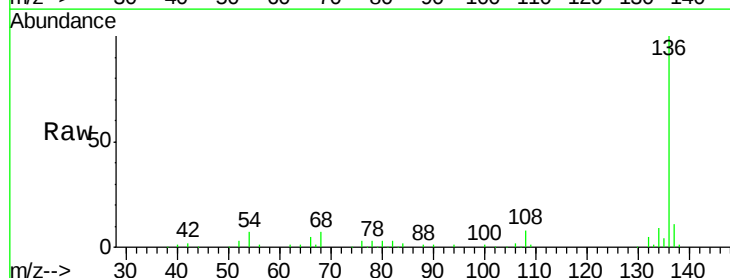
Ion Ratio Lower Upper

136 100

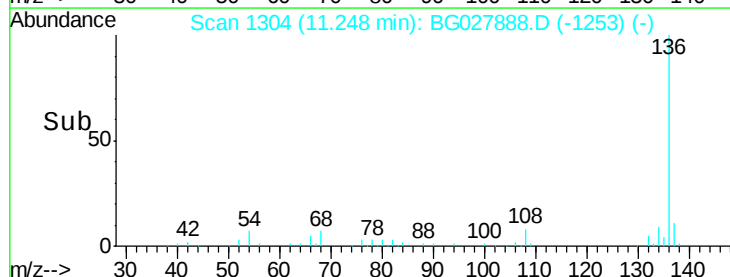
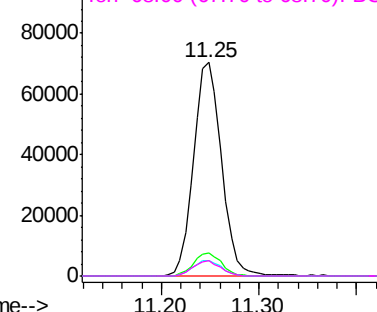
137 11.0 8.9 13.3

54 7.0 9.3 13.9#

68 6.9 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

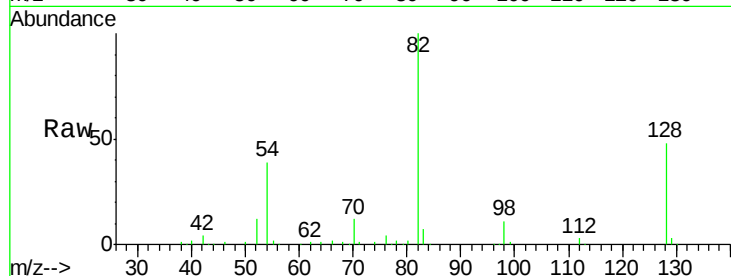




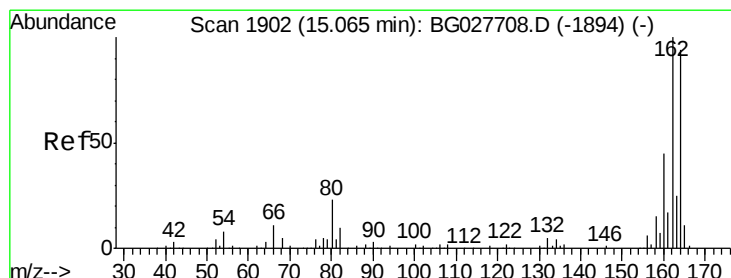
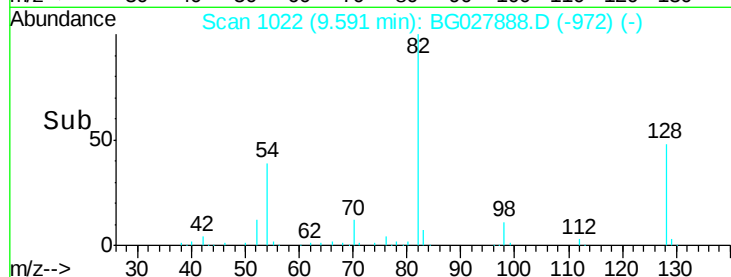
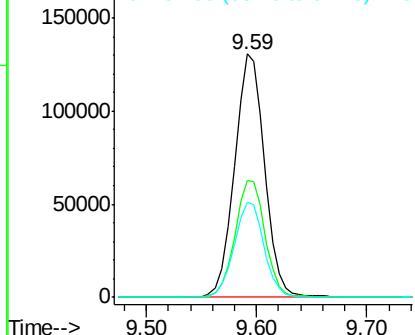
#23
 Nitrobenzene-d5
 Concen: 99.739 ng
 RT: 9.59 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG027888.D
 Acq: 8 Jul 2017 3:56

Instrument :
 BNA_G
 ClientSampleId :
 SP-4002

Tgt Ion: 82 Resp: 249027
 Ion Ratio Lower Upper
 82 100
 128 48.0 26.4 39.6#
 54 39.1 49.4 74.2#

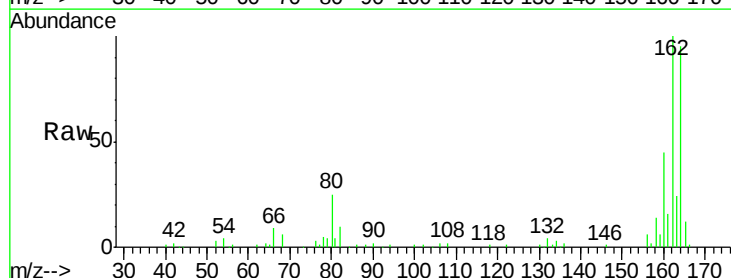


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

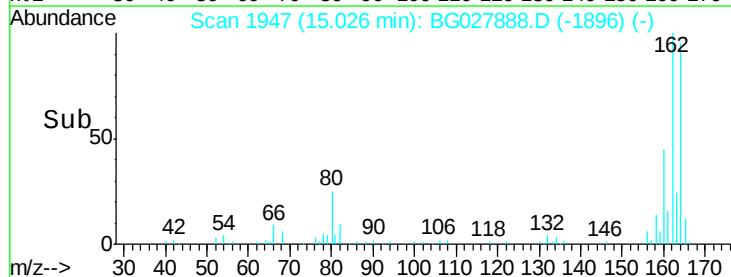
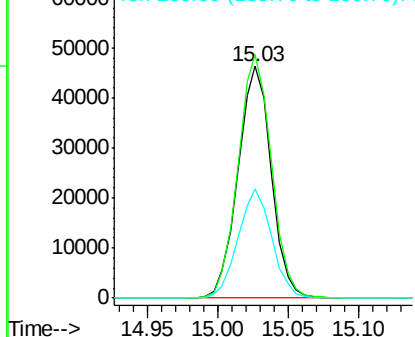


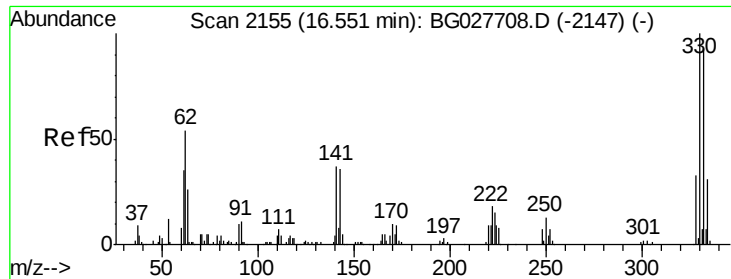
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.03 min Scan# 1947
 Delta R.T. 0.00 min
 Lab File: BG027888.D
 Acq: 8 Jul 2017 3:56

Tgt Ion: 164 Resp: 76078
 Ion Ratio Lower Upper
 164 100
 162 104.9 85.1 127.7
 160 47.0 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

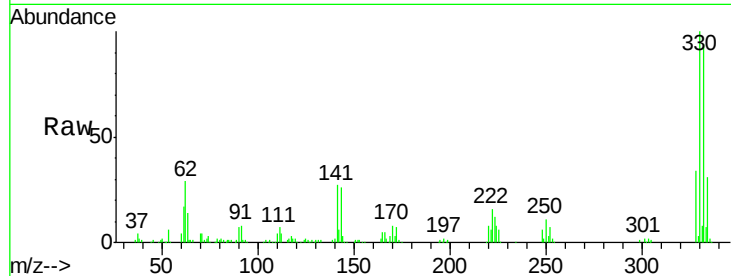




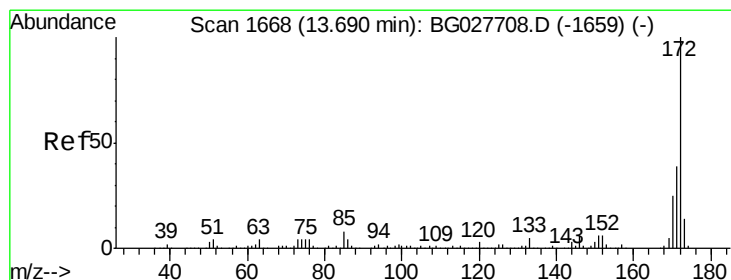
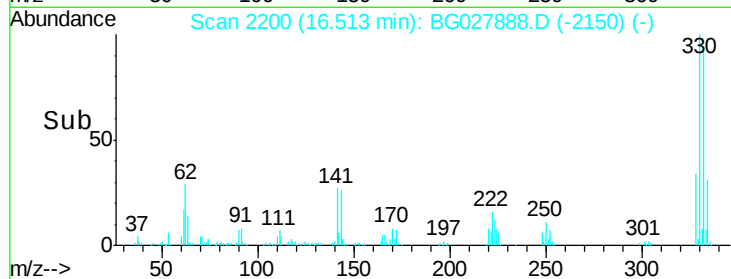
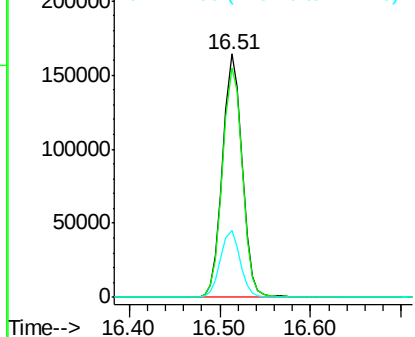
#41
 2,4,6-Tribromophenol
 Concen: 236.418 ng
 RT: 16.51 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG027888.D
 Acq: 8 Jul 2017 3:56

Instrument :
 BNA_G
 ClientSampleId :
 SP-4002

Tgt Ion:330 Resp: 246700
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 27.5 32.1 48.1#

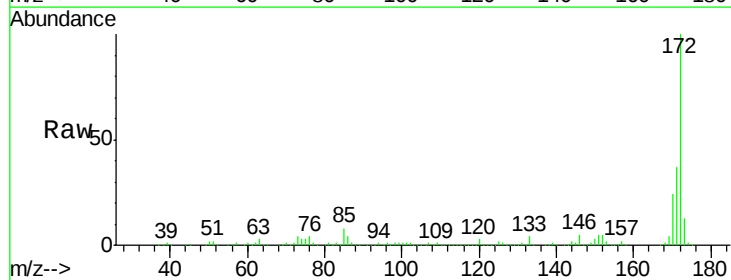


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

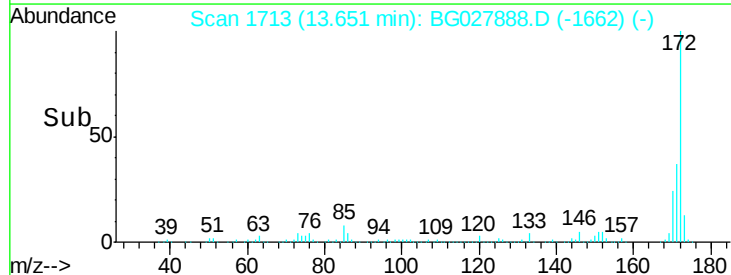
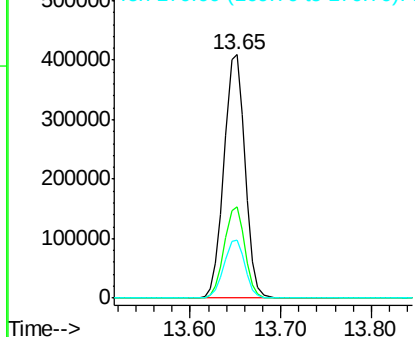


#44
 2-Fluorobiphenyl
 Concen: 123.782 ng
 RT: 13.65 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG027888.D
 Acq: 8 Jul 2017 3:56

Tgt Ion:172 Resp: 659381
 Ion Ratio Lower Upper
 172 100
 171 37.3 32.2 48.2
 170 24.1 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

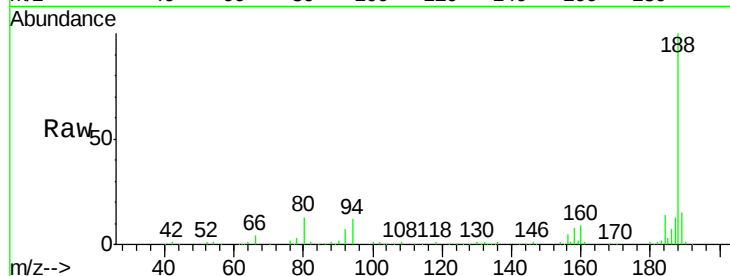




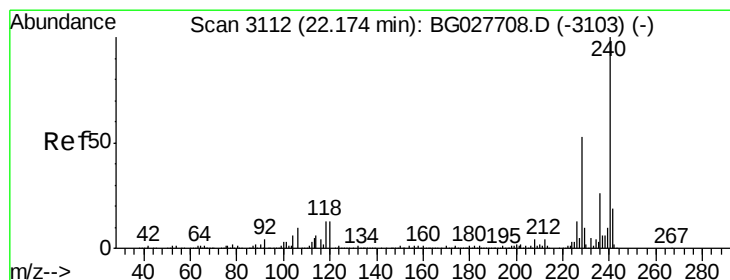
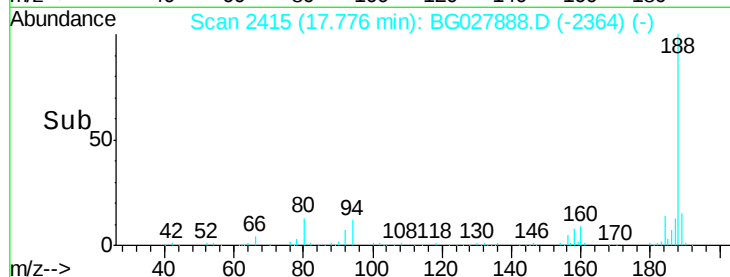
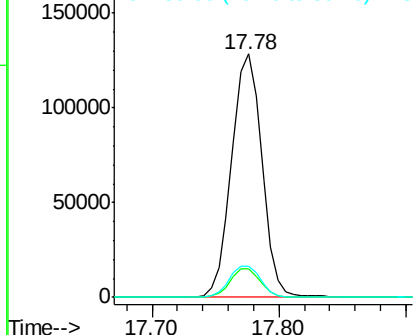
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.78 min Scan# 2415
 Delta R.T. 0.00 min
 Lab File: BG027888.D
 Acq: 8 Jul 2017 3:56

Instrument :
 BNA_G
 ClientSampleId :
 SP-4002

Tgt Ion:188 Resp: 213316
 Ion Ratio Lower Upper
 188 100
 94 12.0 5.8 8.8#
 80 12.9 7.5 11.3#

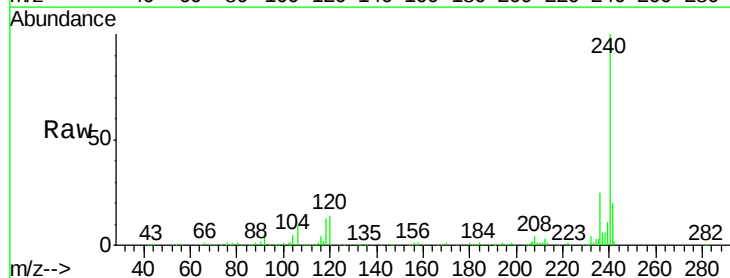


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

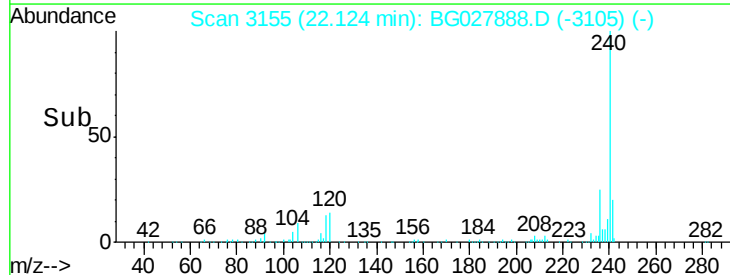
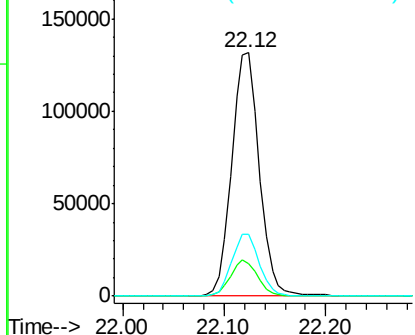


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.12 min Scan# 3155
 Delta R.T. -0.00 min
 Lab File: BG027888.D
 Acq: 8 Jul 2017 3:56

Tgt Ion:240 Resp: 248552
 Ion Ratio Lower Upper
 240 100
 120 13.5 5.7 8.5#
 236 25.2 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: 124.493 ng

RT: 20.36 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG027888.D

Acq: 8 Jul 2017 3:56

Instrument :

BNA_G

ClientSampleId :

SP-4002

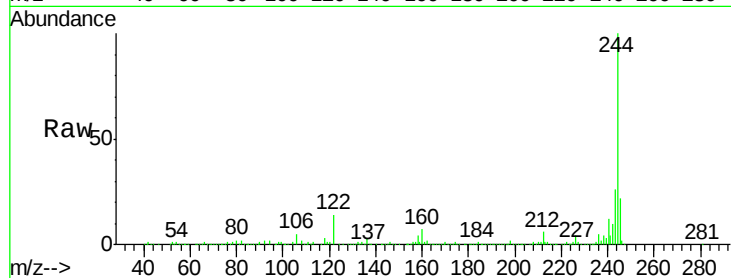
Tgt Ion:244 Resp: 1319891

Ion Ratio Lower Upper

244 100

212 6.3 10.0 15.0#

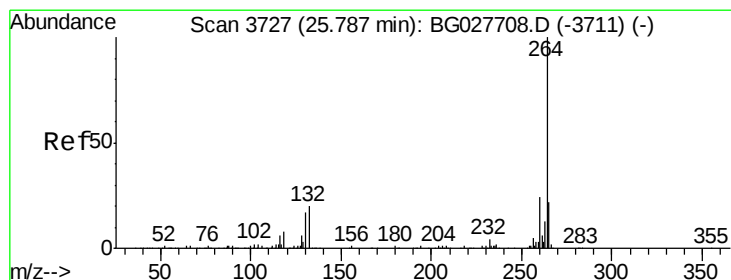
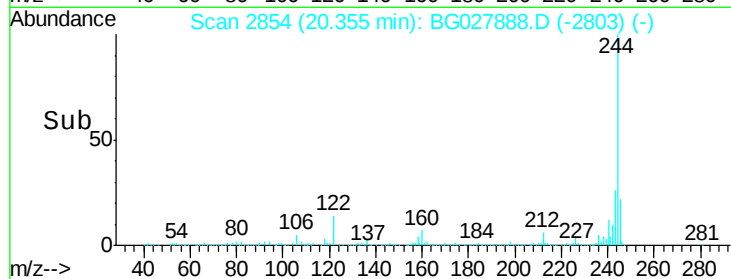
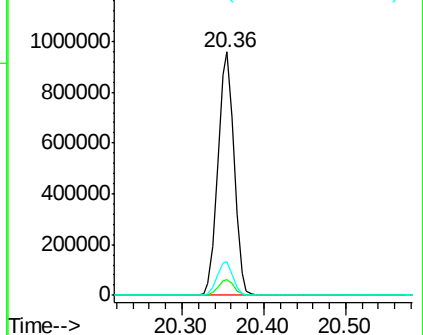
122 13.7 8.6 12.8#



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: 25.69 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG027888.D

Acq: 8 Jul 2017 3:56

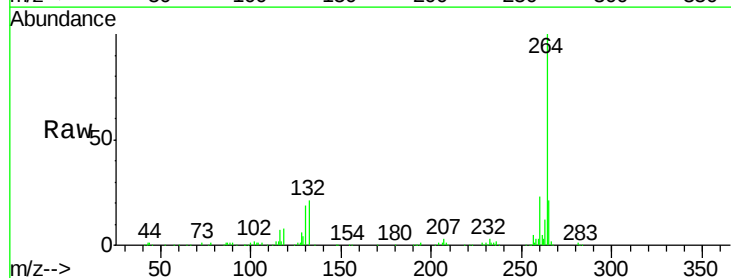
Tgt Ion:264 Resp: 237479

Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 20.7 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

