

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
 Data File : BG027903.D
 Acq On : 11 Jul 2017 1:23
 Operator : SJ/JU
 Sample : I4119-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-070717-A

Quant Time: Jul 11 08:01:55 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

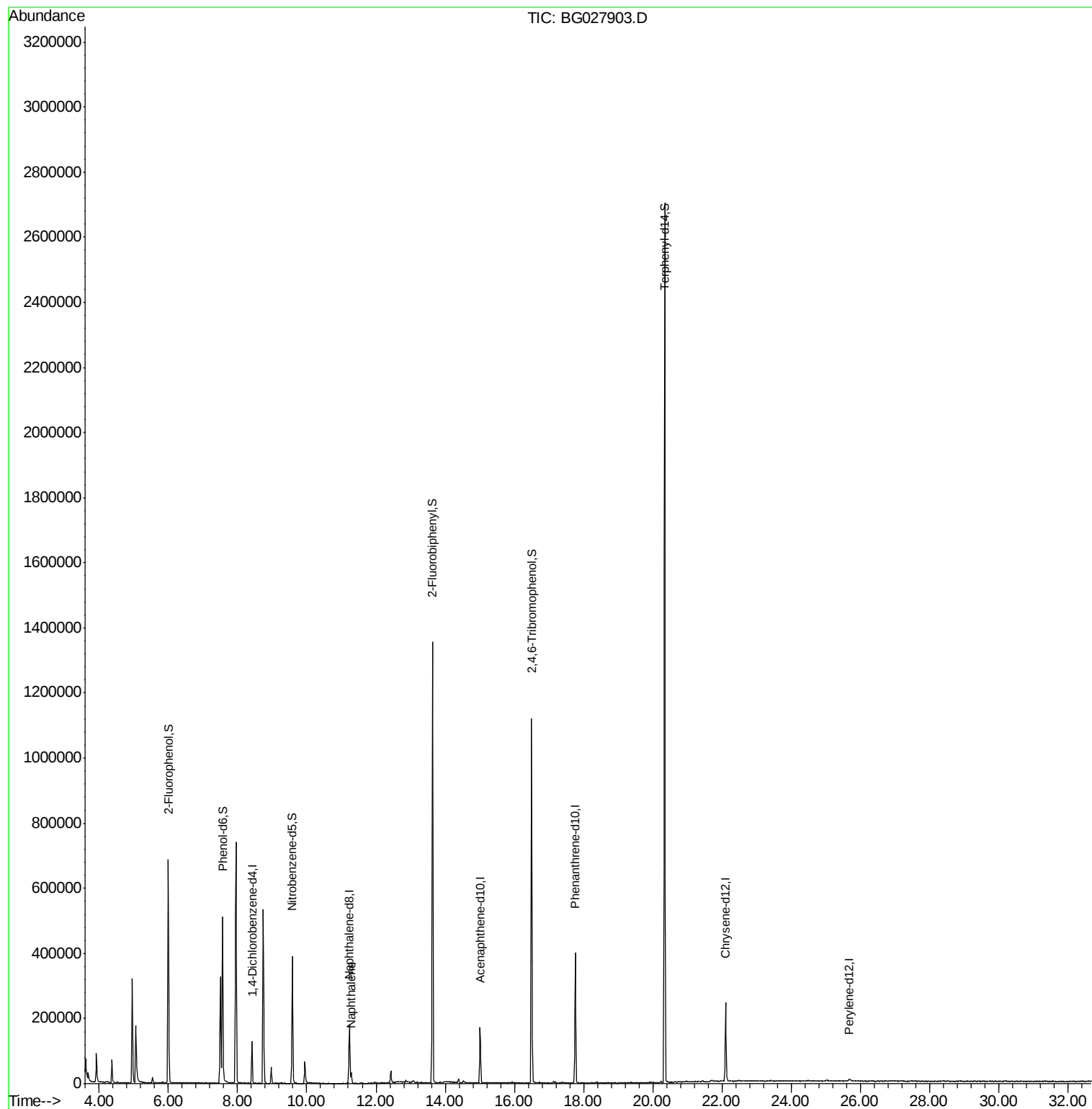
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	42987	20.00	ng	0.00
21) Naphthalene-d8	11.23	136	183217	20.00	ng	-0.02
38) Acenaphthene-d10	15.01	164	53246	20.00	ng	-0.02
63) Phenanthrene-d10	17.76	188	246473	20.00	ng	-0.02
75) Chrysene-d12	22.11	240	131498	20.00	ng	-0.02
86) Perylene-d12	25.67	264	3692	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	390748	139.98	ng	0.00
7) Phenol-d6	7.57	99	361888	84.86	ng	0.00
23) Nitrobenzene-d5	9.58	82	285462	86.85	ng	-0.02
41) 2,4,6-Tribromophenol	16.50	330	278277	381.03	ng	-0.02
44) 2-Fluorobiphenyl	13.63	172	758447	203.43	ng	-0.02
78) Terphenyl-d14	20.34	244	1195653	213.16	ng	0.00
Target Compounds						
31) Naphthalene	11.28	128	33777	3.467	ng	Qvalue 98

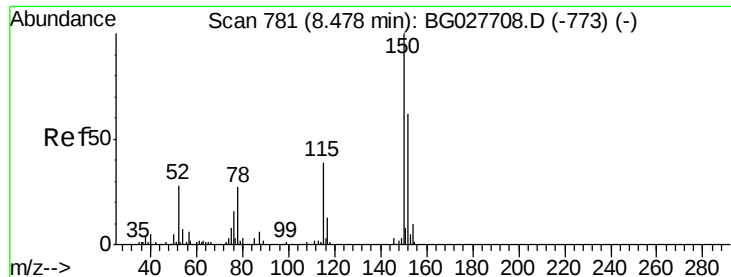
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.42 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG027903.D

Acq: 11 Jul 2017 1:23

Instrument :

BNA_G

ClientSampleId :

EO-03-070717-A

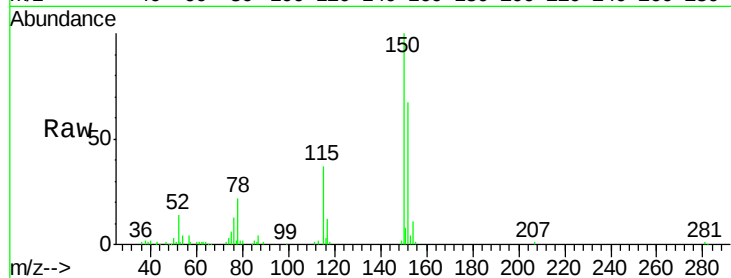
Tgt Ion:152 Resp: 42987

Ion Ratio Lower Upper

152 100

150 149.0 114.0 171.0

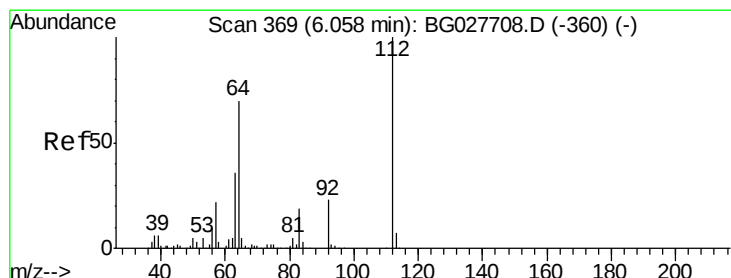
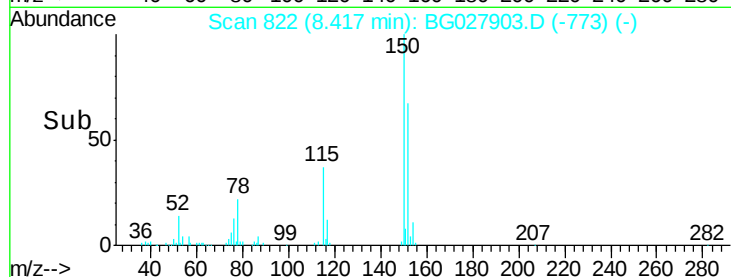
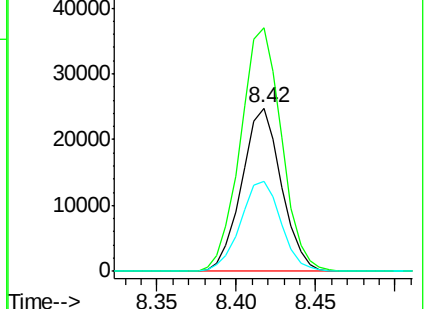
115 54.8 48.1 72.1



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: 139.976 ng

RT: 6.00 min Scan# 410

Delta R.T. -0.01 min

Lab File: BG027903.D

Acq: 11 Jul 2017 1:23

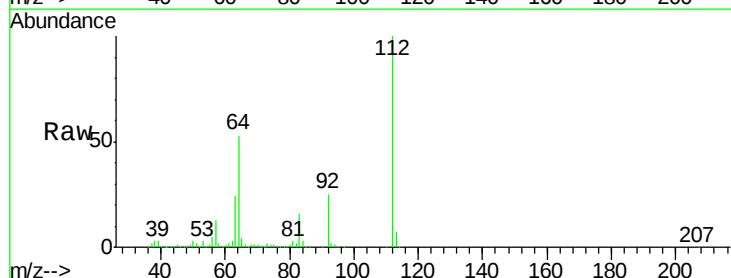
Tgt Ion:112 Resp: 390748

Ion Ratio Lower Upper

112 100

64 53.0 61.8 92.6#

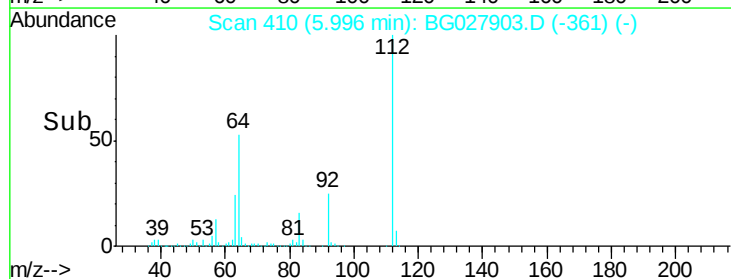
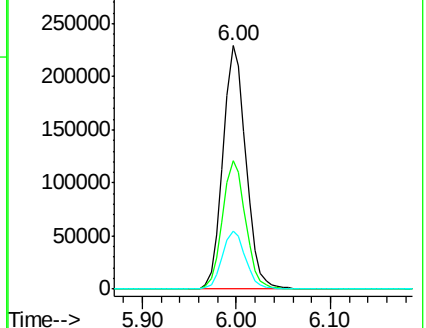
63 24.0 37.2 55.8#

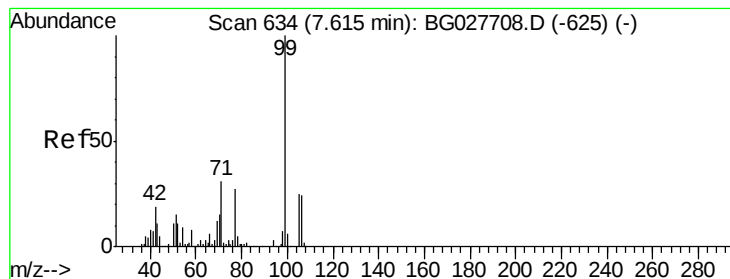


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 84.859 ng

RT: 7.57 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG027903.D

Acq: 11 Jul 2017 1:23

Instrument :

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ClientSampleId :

EO-03-070717-A

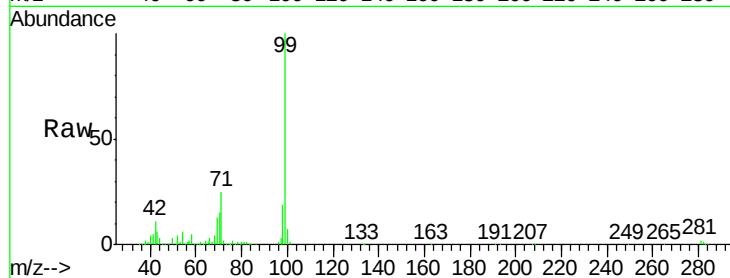
Tgt Ion: 99 Resp: 361888

Ion Ratio Lower Upper

99 100

42 11.3 20.5 30.7#

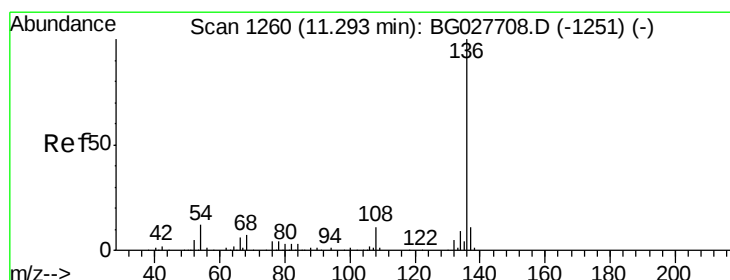
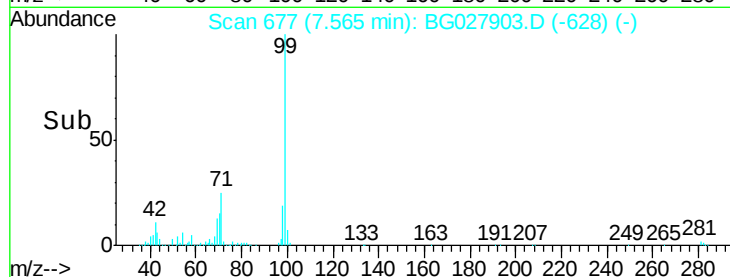
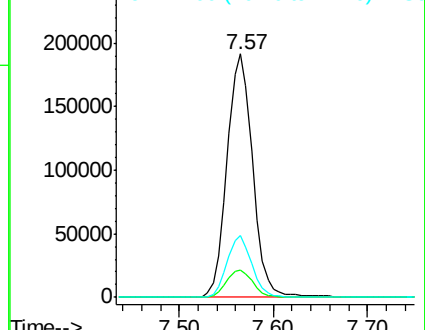
71 25.5 37.6 56.4#



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: 11.23 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG027903.D

Acq: 11 Jul 2017 1:23

Tgt Ion: 136 Resp: 183217

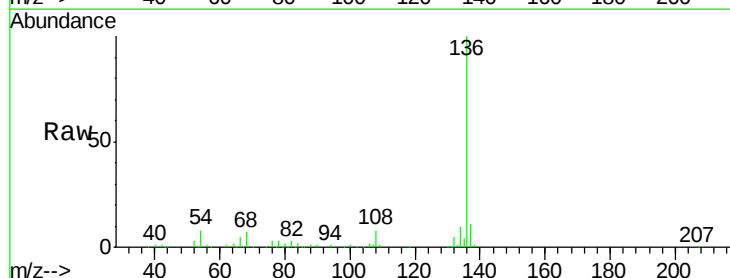
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.5 9.3 13.9#

68 7.2 5.1 7.7

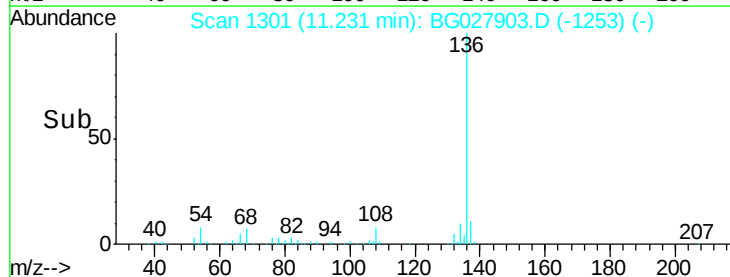
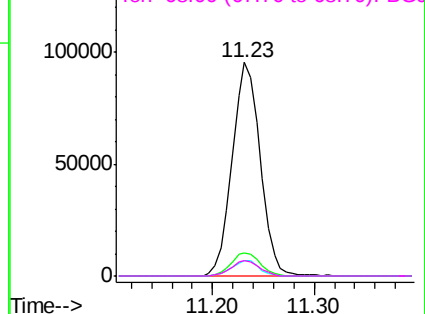


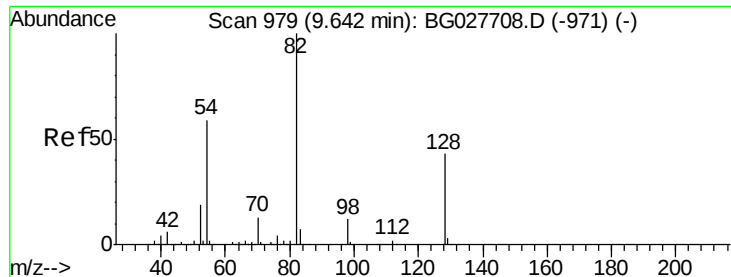
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

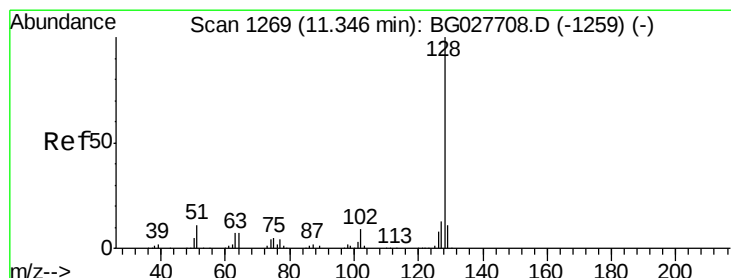
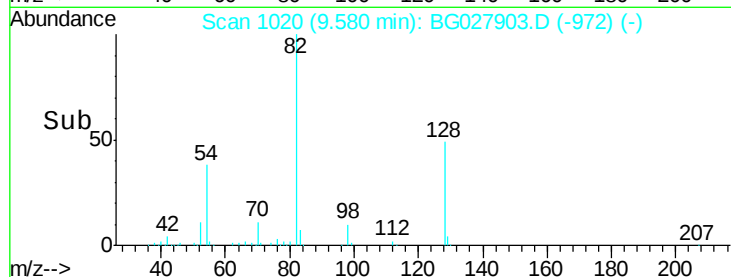
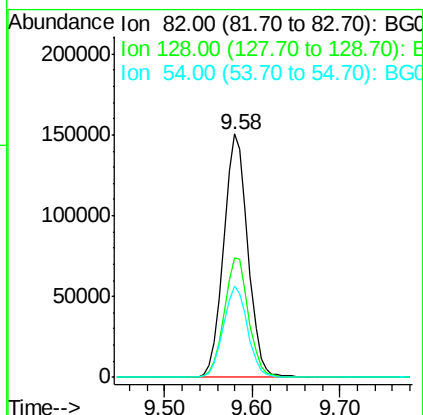
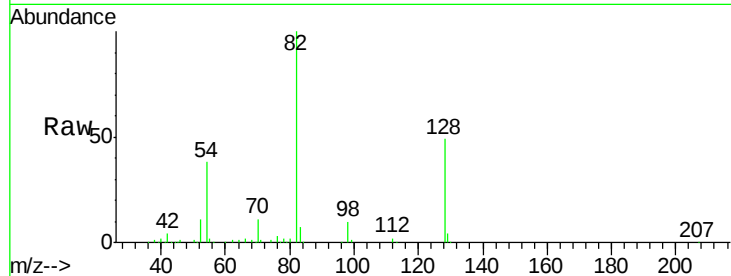




#23
Nitrobenzene-d5
Concen: 86.847 ng
RT: 9.58 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BG027903.D
Acq: 11 Jul 2017 1:23

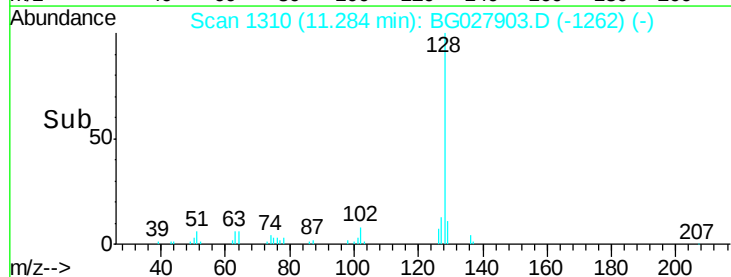
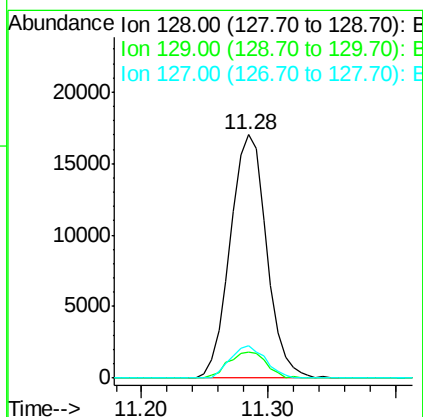
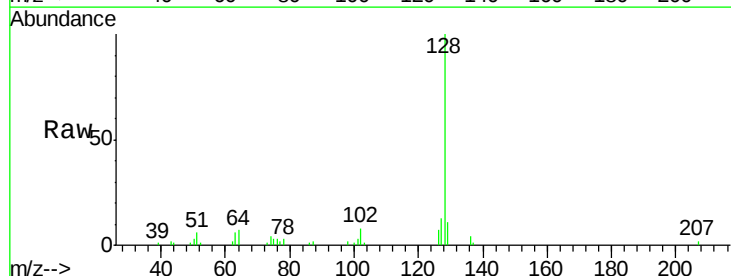
Instrument :
BNA_G
ClientSampleId :
EO-03-070717-A

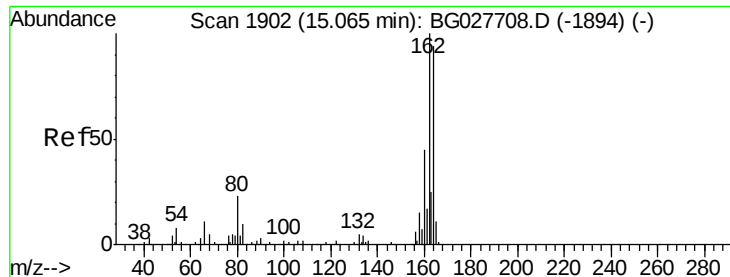
Tgt Ion: 82 Resp: 285462
Ion Ratio Lower Upper
82 100
128 48.8 26.4 39.6#
54 37.7 49.4 74.2#



#31
Naphthalene
Concen: 3.467 ng
RT: 11.28 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BG027903.D
Acq: 11 Jul 2017 1:23

Tgt Ion: 128 Resp: 33777
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 13.4 11.4 17.0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.01 min Scan# 1944

Delta R.T. -0.02 min

Lab File: BG027903.D

Acq: 11 Jul 2017 1:23

Instrument :

BNA_G

ClientSampleId :

EO-03-070717-A

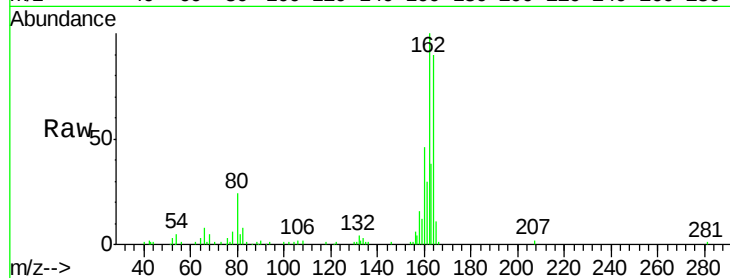
Tgt Ion:164 Resp: 53246

Ion Ratio Lower Upper

164 100

162 111.3 85.1 127.7

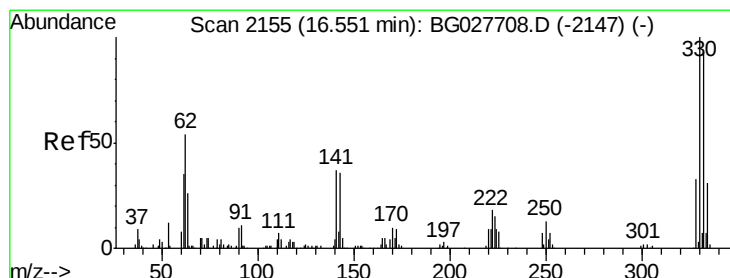
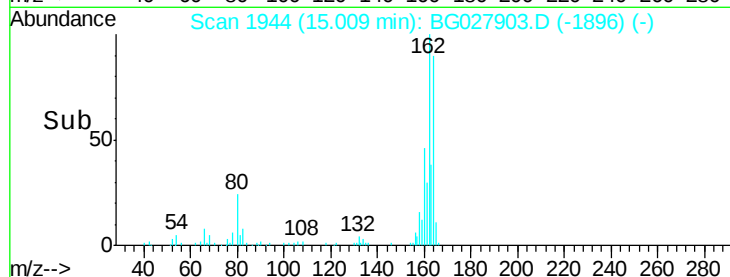
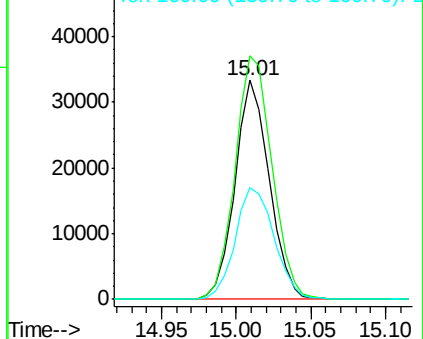
160 51.2 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 381.031 ng

RT: 16.50 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG027903.D

Acq: 11 Jul 2017 1:23

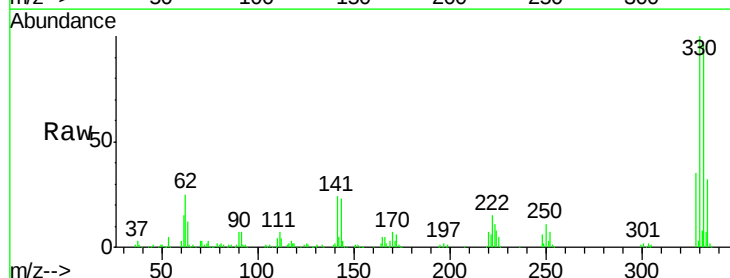
Tgt Ion:330 Resp: 278277

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

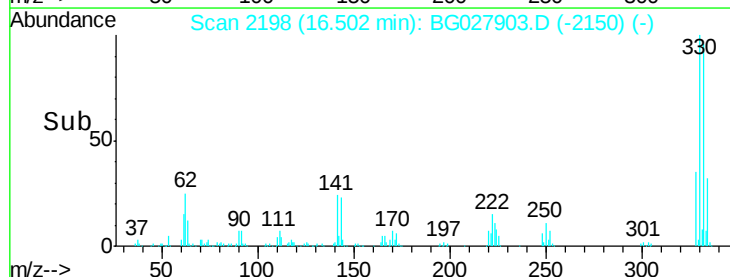
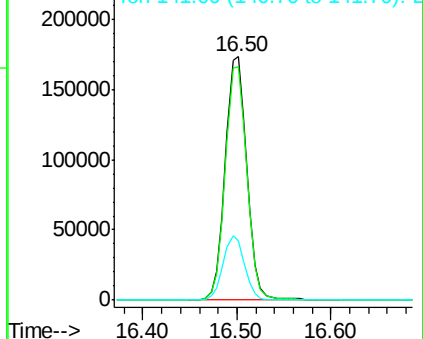
141 26.5 32.1 48.1#

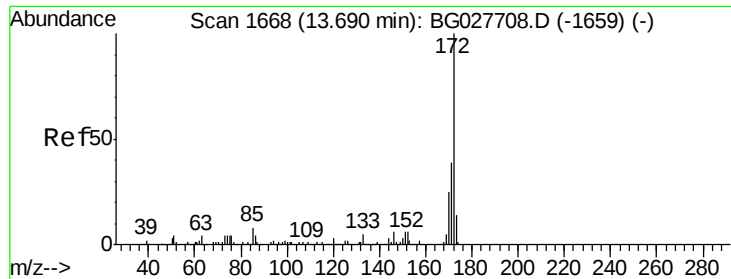


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

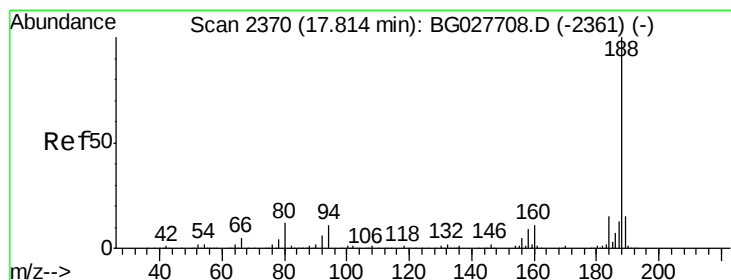
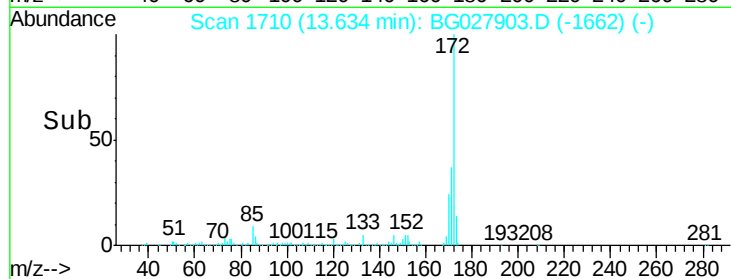
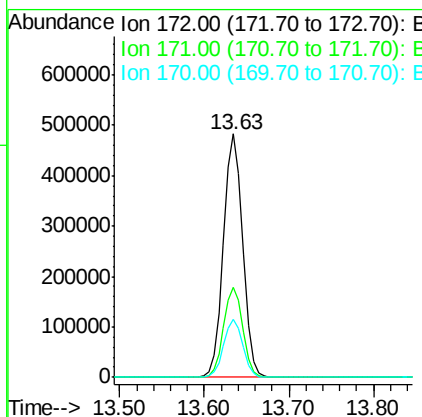
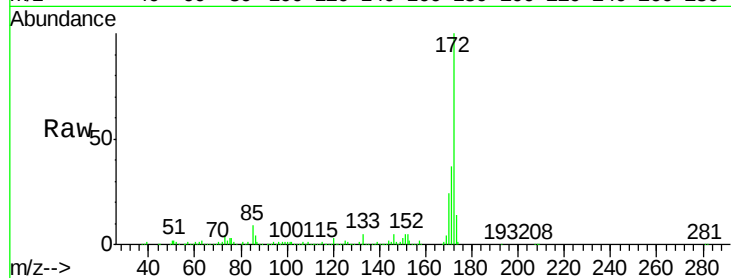




#44
 2-Fluorobiphenyl
 Concen: 203.431 ng
 RT: 13.63 min Scan# 1710
 Delta R.T. -0.02 min
 Lab File: BG027903.D
 Acq: 11 Jul 2017 1:23

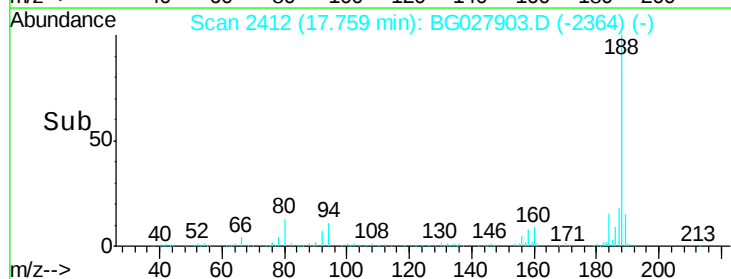
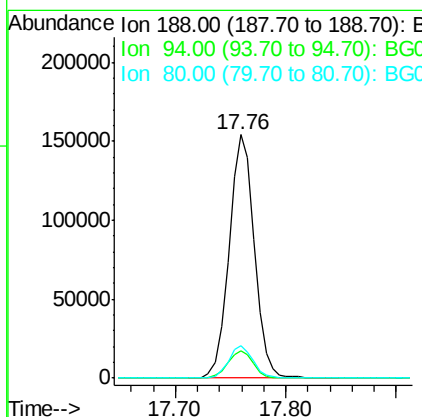
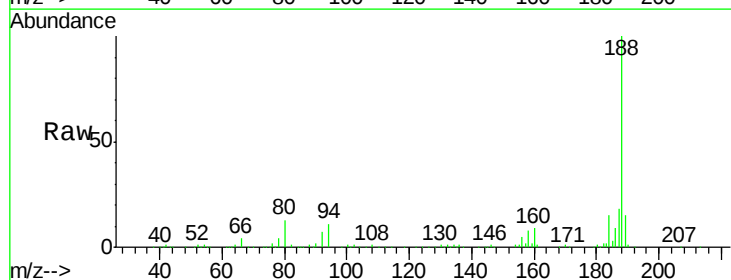
Instrument :
 BNA_G
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 EO-03-070717-A

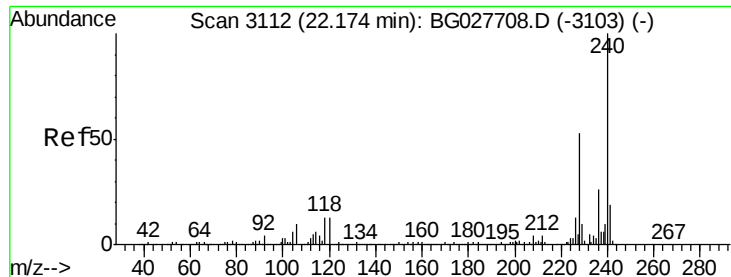
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	23.9	21.8	32.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.76 min Scan# 2412
 Delta R.T. -0.02 min
 Lab File: BG027903.D
 Acq: 11 Jul 2017 1:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	5.8	8.8#
80	13.1	7.5	11.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.11 min Scan# 3152

Delta R.T. -0.02 min

Lab File: BG027903.D

Acq: 11 Jul 2017 1:23

Instrument :

BNA_G

ClientSampleId :

EO-03-070717-A

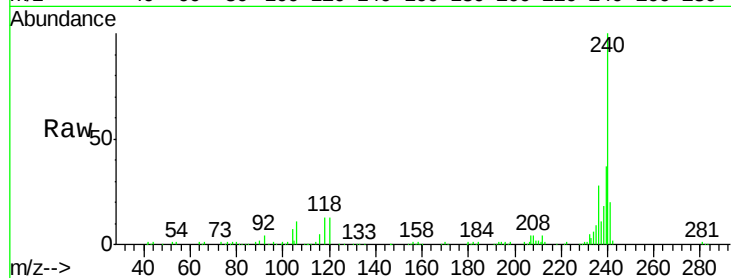
Tgt Ion:240 Resp: 131498

Ion Ratio Lower Upper

240 100

120 13.5 5.7 8.5#

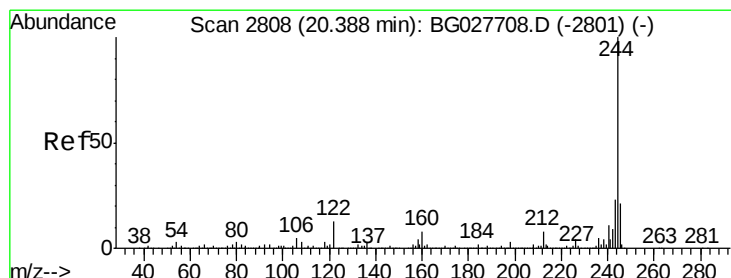
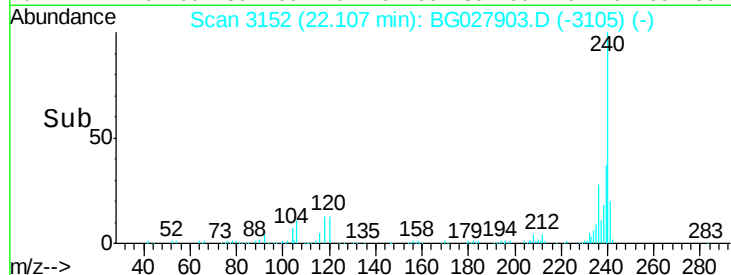
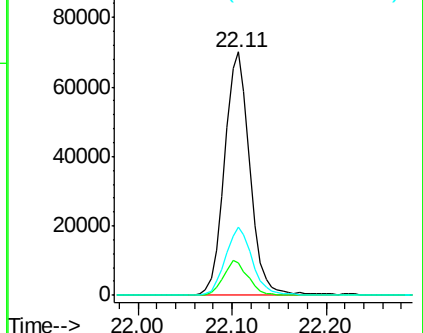
236 28.0 22.2 33.4



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: 213.163 ng

RT: 20.34 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG027903.D

Acq: 11 Jul 2017 1:23

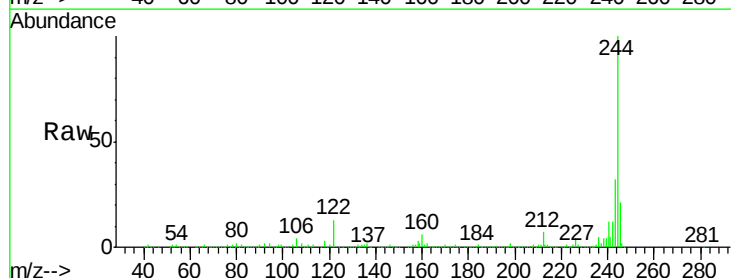
Tgt Ion:244 Resp: 1195653

Ion Ratio Lower Upper

244 100

212 6.7 10.0 15.0#

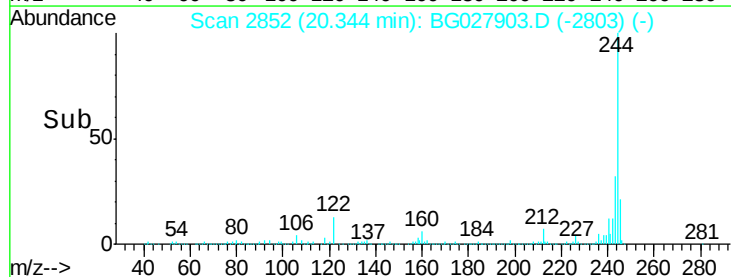
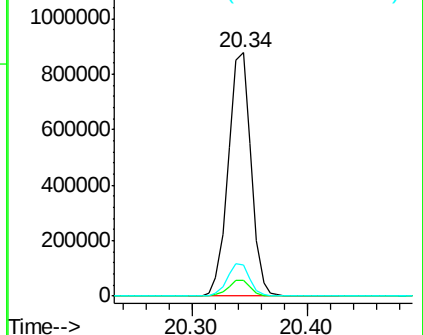
122 13.0 8.6 12.8#

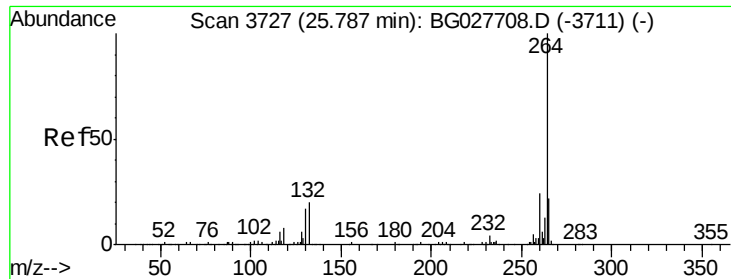


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.67 min Scan# 3758
Delta R.T. -0.03 min
Lab File: BG027903.D
Acq: 11 Jul 2017 1:23

Instrument :
BNA_G
ClientSampleId :
EO-03-070717-A

Tgt Ion: 264 Resp: 3692
Ion Ratio Lower Upper
264 100
260 30.9 21.8 32.8
265 29.7 18.2 27.4#

