

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070317\
 Data File : BG027839.D
 Acq On : 3 Jul 2017 19:33
 Operator : SJ/JU
 Sample : PB100333BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB100333BL

Quant Time: Jul 04 07:25:14 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	8.46	152	27142	20.00	ng	-0.02
21) Naphthalene-d8	11.27	136	125944	20.00	ng	-0.02
38) Acenaphthene-d10	15.04	164	79299	20.00	ng	-0.02
63) Phenanthrene-d10	17.79	188	230932	20.00	ng	-0.02
75) Chrysene-d12	22.14	240	254088	20.00	ng	-0.03
86) Perylene-d12	25.73	264	252651	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.04	112	223636	126.88	ng	-0.02
7) Phenol-d6	7.60	99	300202	111.49	ng	-0.02
23) Nitrobenzene-d5	9.62	82	176387	78.07	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	181936	167.27	ng	-0.02
44) 2-Fluorobiphenyl	13.67	172	487312	87.76	ng	-0.02
78) Terphenyl-d14	20.37	244	1023165	94.40	ng	-0.02

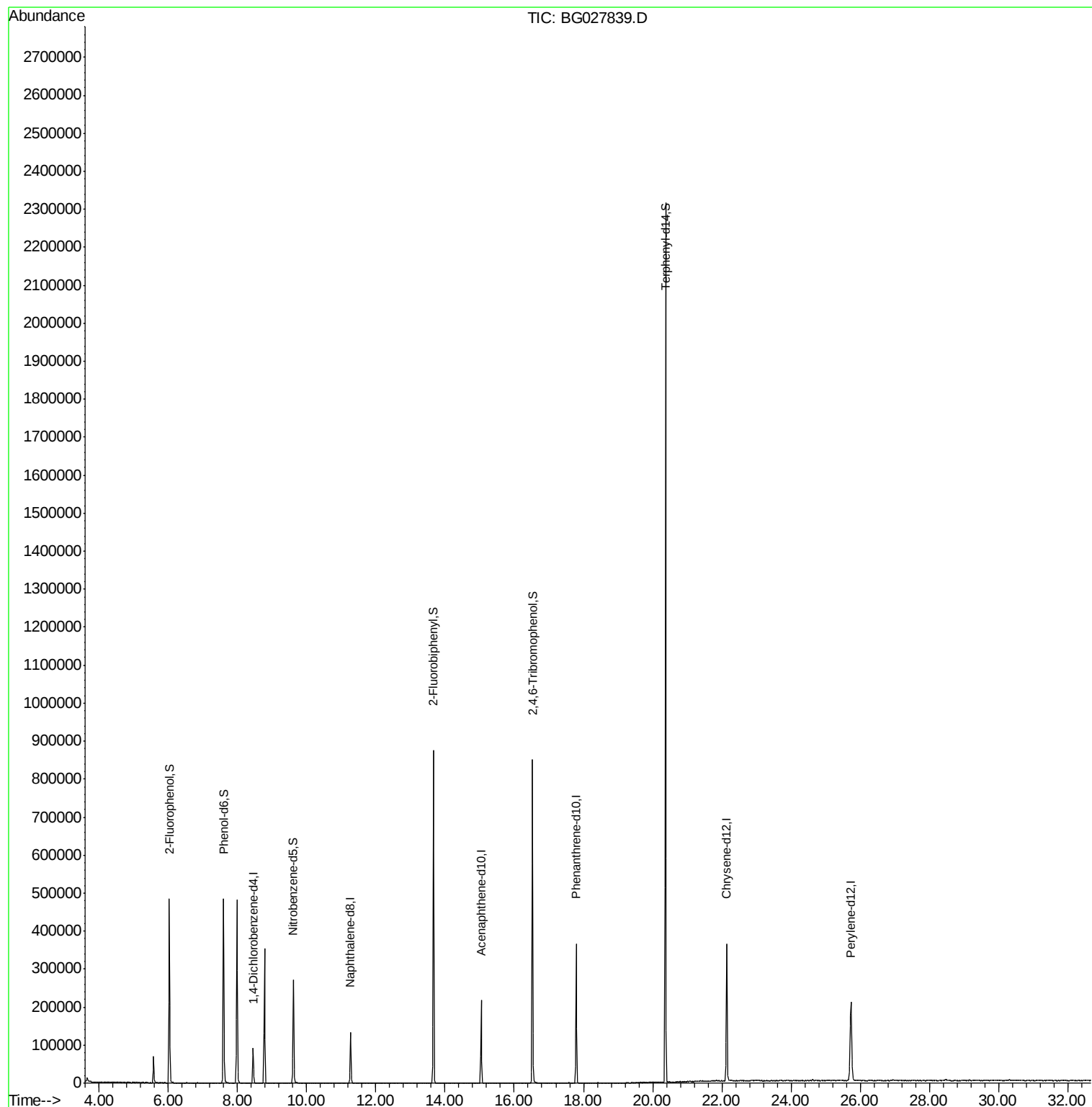
Target Compounds	Qvalue
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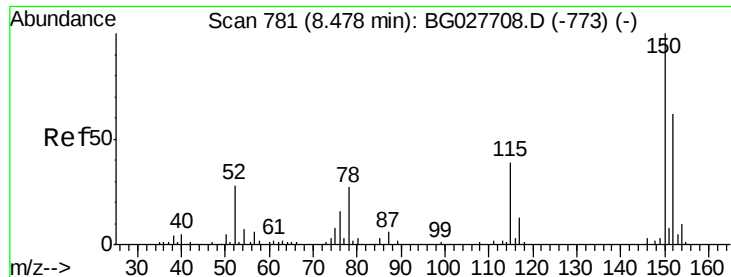
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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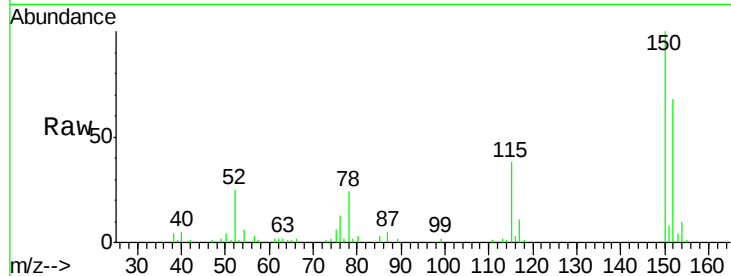


#1

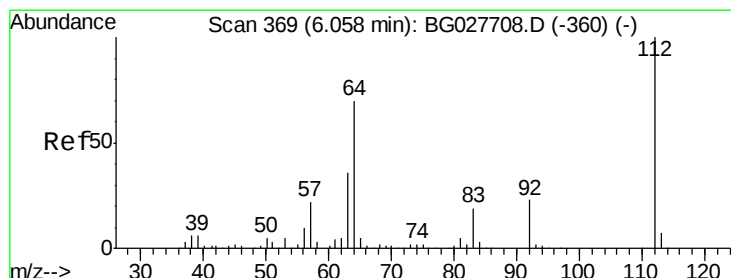
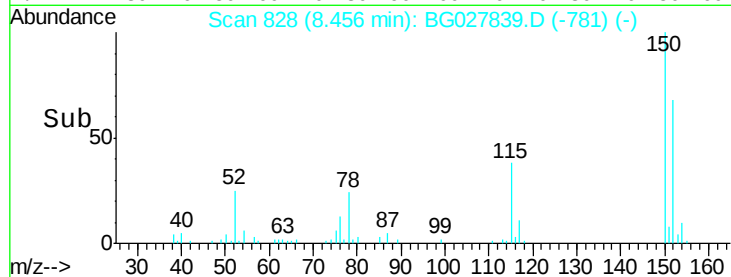
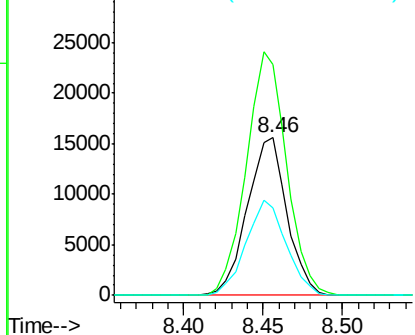
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.46 min Scan# 828
Delta R.T. -0.02 min
Lab File: BG027839.D
Acq: 3 Jul 2017 19:33

Instrument :
BNA_G
ClientSampleId :
PB100333BL

Tgt Ion:152 Resp: 27142
Ion Ratio Lower Upper
152 100
150 146.5 114.0 171.0
115 55.7 48.1 72.1



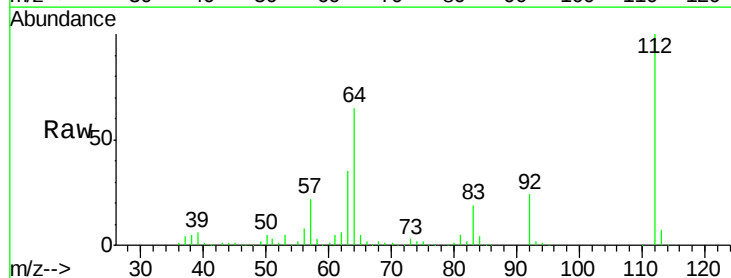
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



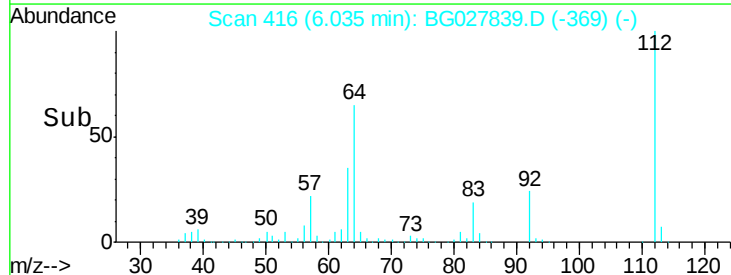
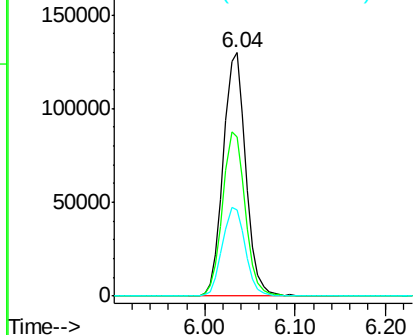
#5

2-Fluorophenol
Concen: 126.880 ng
RT: 6.04 min Scan# 416
Delta R.T. -0.02 min
Lab File: BG027839.D
Acq: 3 Jul 2017 19:33

Tgt Ion:112 Resp: 223636
Ion Ratio Lower Upper
112 100
64 65.4 61.8 92.6
63 35.5 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: 111.489 ng

RT: 7.60 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027839.D

Acq: 3 Jul 2017 19:33

Instrument :

BNA_G

ClientSampleId :

PB100333BL

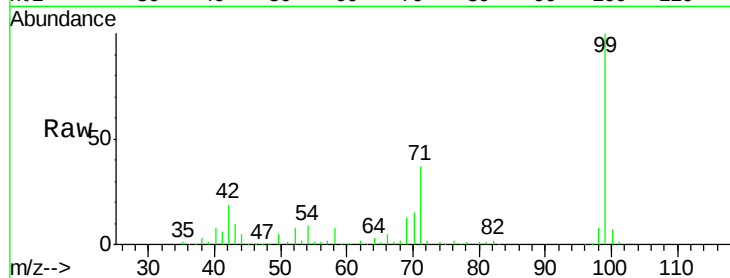
Tgt Ion: 99 Resp: 300202

Ion Ratio Lower Upper

99 100

42 18.6 20.5 30.7#

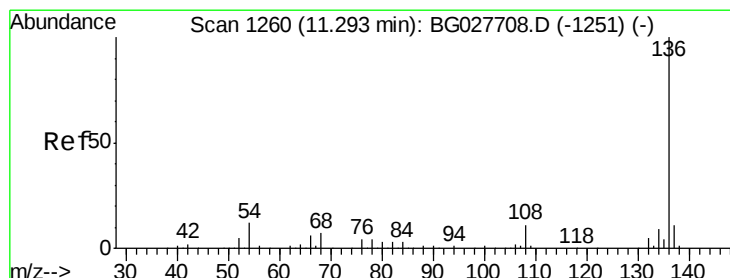
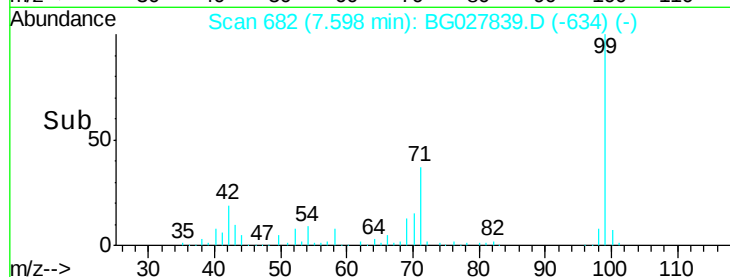
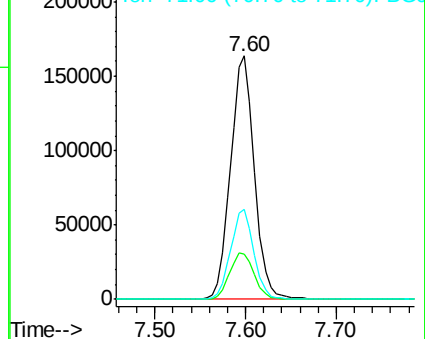
71 36.9 37.6 56.4#



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: 11.27 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BG027839.D

Acq: 3 Jul 2017 19:33

Tgt Ion: 136 Resp: 125944

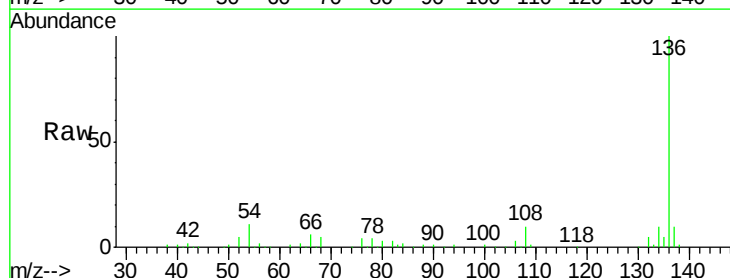
Ion Ratio Lower Upper

136 100

137 10.0 8.9 13.3

54 11.0 9.3 13.9

68 4.9 5.1 7.7#

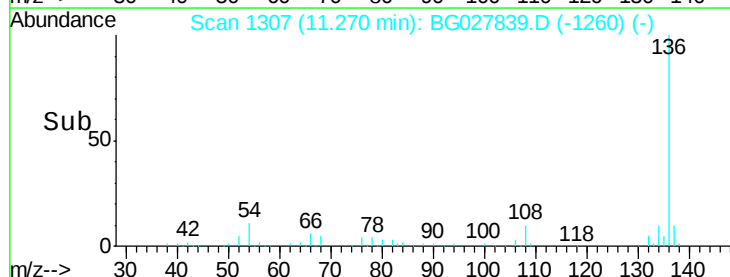
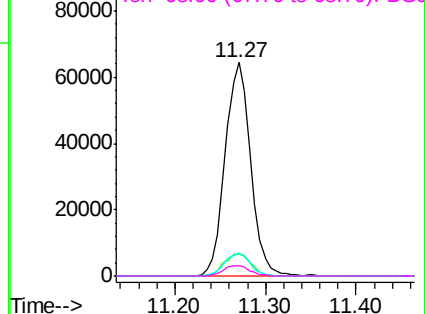


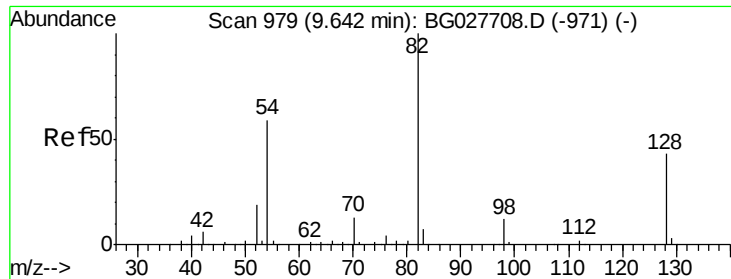
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

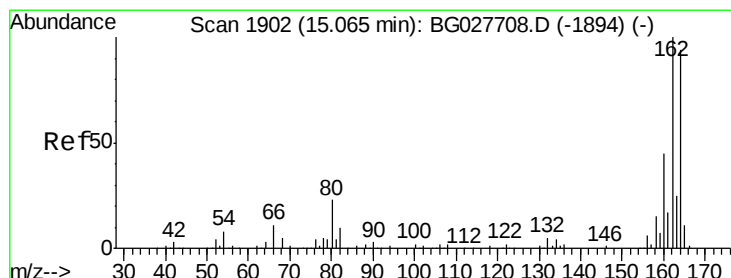
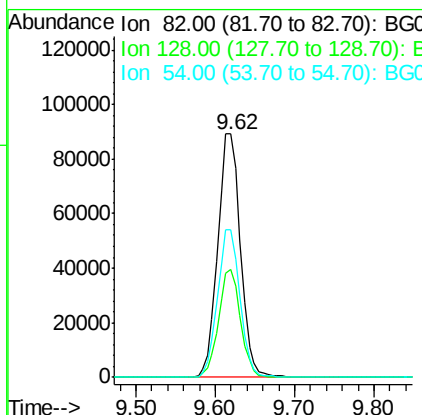
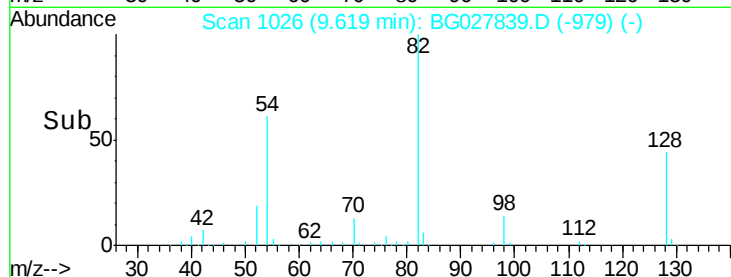
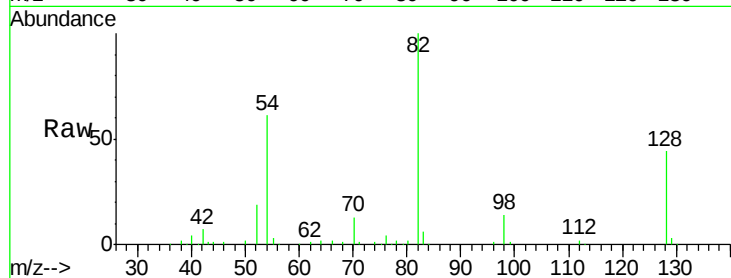




#23
 Nitrobenzene-d5
 Concen: 78.066 ng
 RT: 9.62 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BG027839.D
 Acq: 3 Jul 2017 19:33

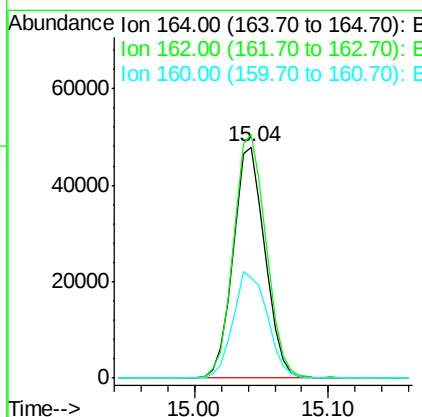
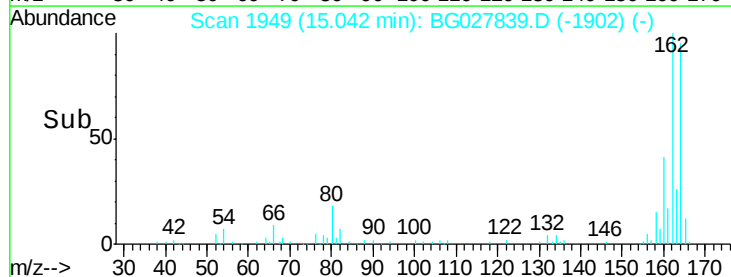
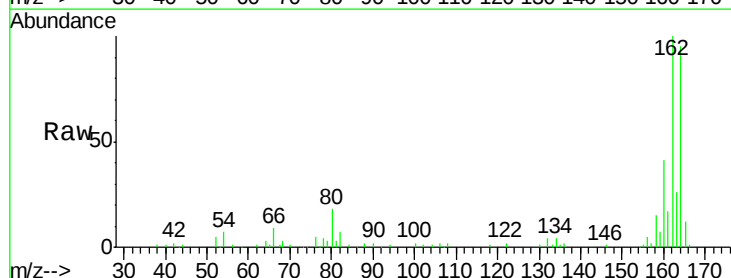
Instrument :
 BNA_G
 ClientSampleId :
 PB100333BL

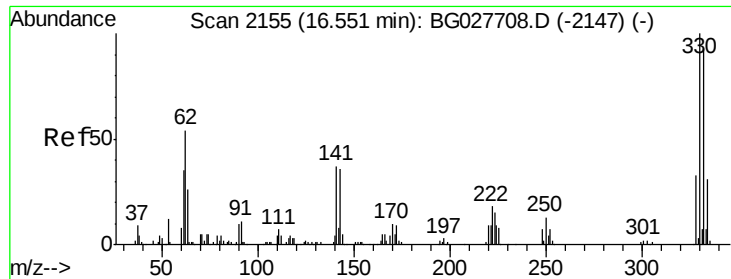
Tgt Ion: 82 Resp: 176387
 Ion Ratio Lower Upper
 82 100
 128 44.5 26.4 39.6#
 54 60.6 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.04 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027839.D
 Acq: 3 Jul 2017 19:33

Tgt Ion: 164 Resp: 79299
 Ion Ratio Lower Upper
 164 100
 162 105.3 85.1 127.7
 160 43.4 34.7 52.1

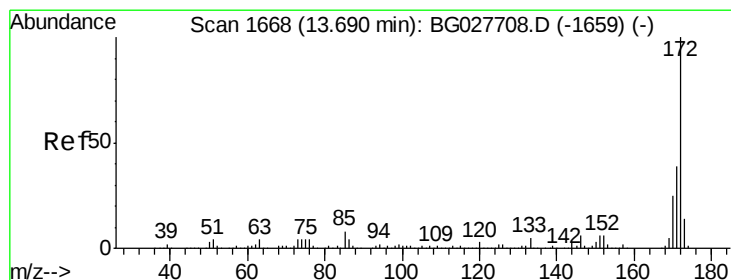
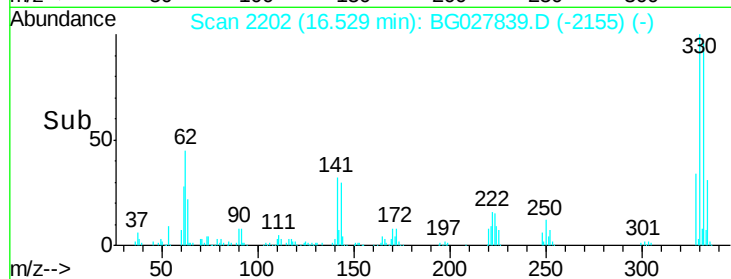
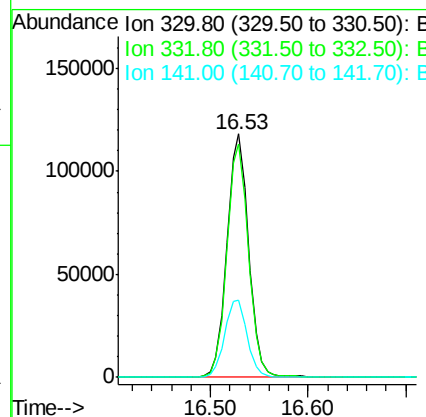
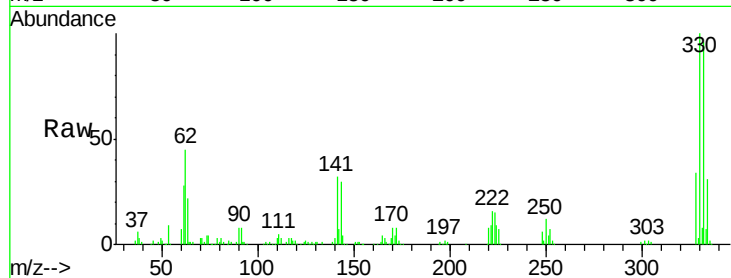




#41
 2,4,6-Tribromophenol
 Concen: 167.271 ng
 RT: 16.53 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027839.D
 Acq: 3 Jul 2017 19:33

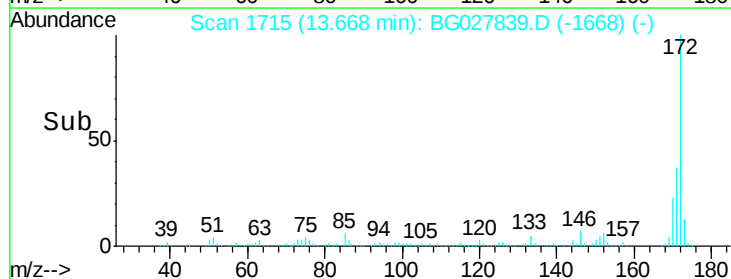
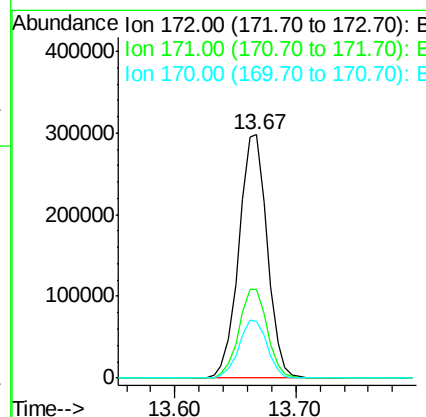
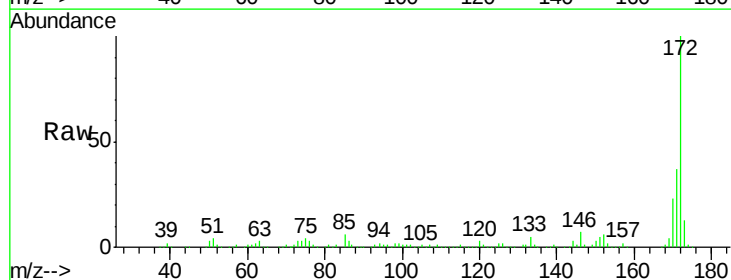
Instrument :
 BNA_G
 ClientSampleId :
 PB100333BL

Tgt Ion:330 Resp: 181936
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 33.0 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 87.765 ng
 RT: 13.67 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG027839.D
 Acq: 3 Jul 2017 19:33

Tgt Ion:172 Resp: 487312
 Ion Ratio Lower Upper
 172 100
 171 36.7 32.2 48.2
 170 23.1 21.8 32.6

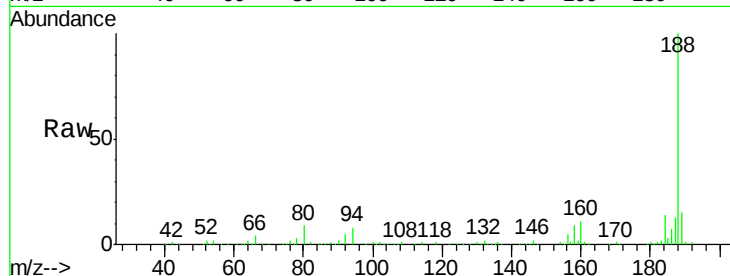




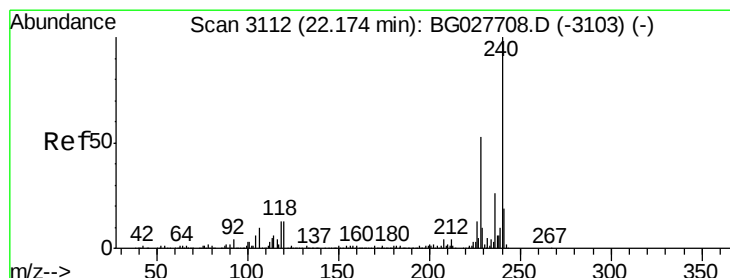
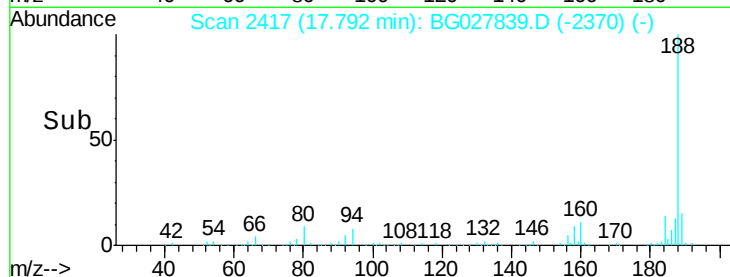
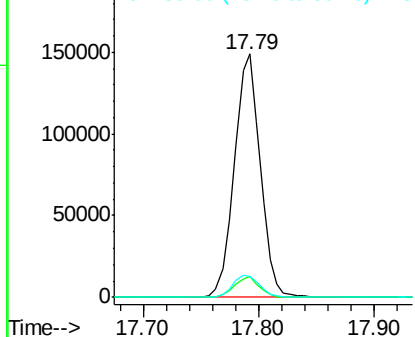
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.79 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG027839.D
Acq: 3 Jul 2017 19:33

Instrument :
BNA_G
ClientSampleId :
PB100333BL

Tgt Ion:188 Resp: 230932
Ion Ratio Lower Upper
188 100
94 8.4 5.8 8.8
80 8.6 7.5 11.3

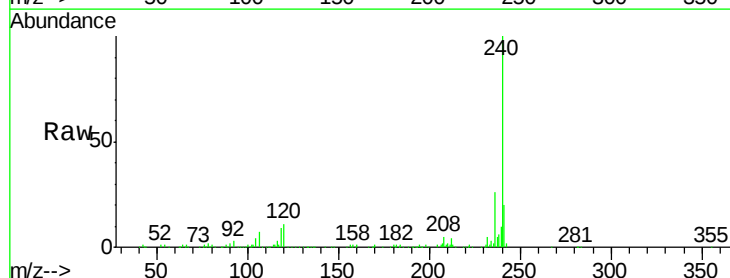


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

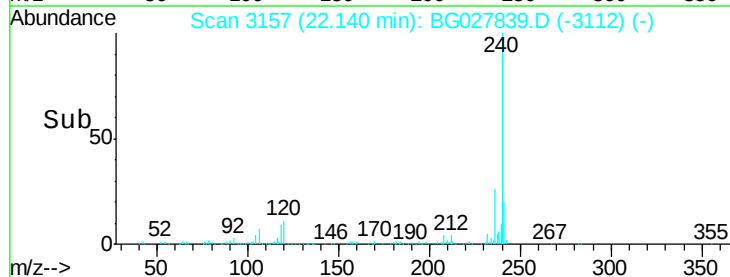
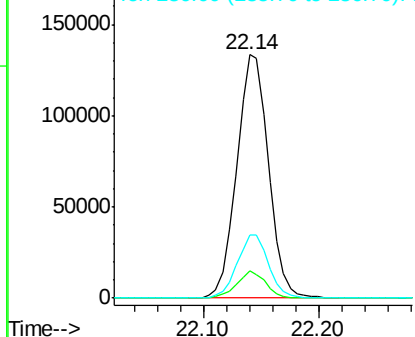


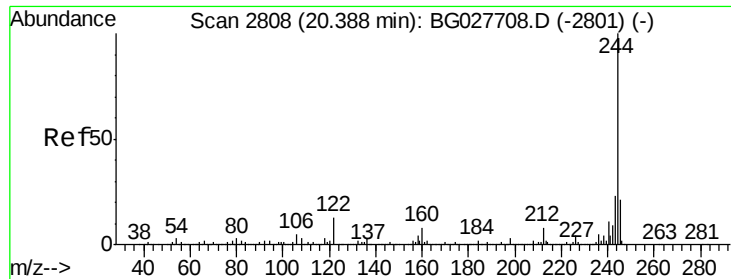
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.14 min Scan# 3157
Delta R.T. -0.03 min
Lab File: BG027839.D
Acq: 3 Jul 2017 19:33

Tgt Ion:240 Resp: 254088
Ion Ratio Lower Upper
240 100
120 11.0 5.7 8.5#
236 26.0 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: 94.403 ng

RT: 20.37 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027839.D

Acq: 3 Jul 2017 19:33

Instrument :

BNA_G

ClientSampleId :

PB100333BL

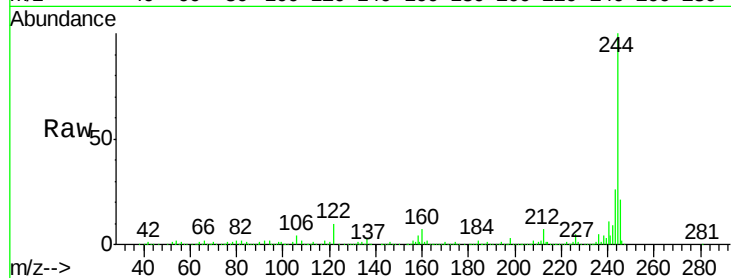
Tgt Ion:244 Resp: 1023165

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

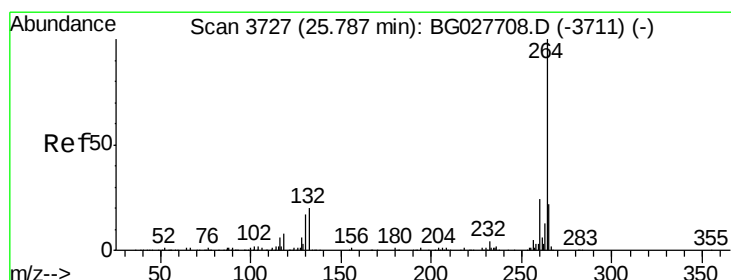
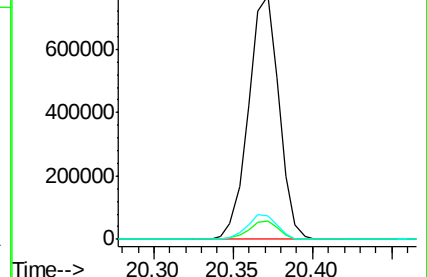
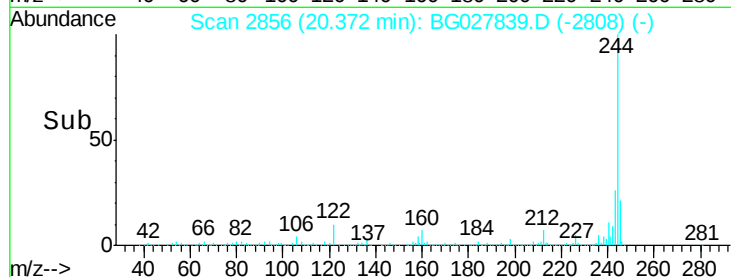
122 9.8 8.6 12.8



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: 25.73 min Scan# 3768

Delta R.T. -0.06 min

Lab File: BG027839.D

Acq: 3 Jul 2017 19:33

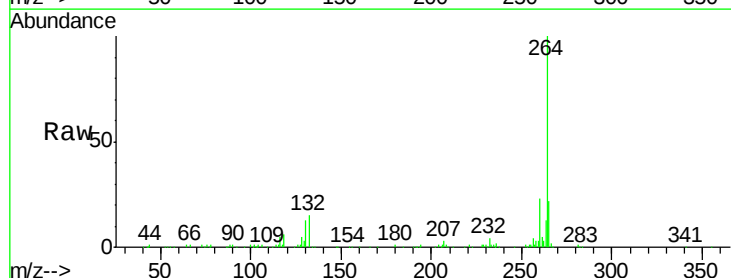
Tgt Ion:264 Resp: 252651

Ion Ratio Lower Upper

264 100

260 22.7 21.8 32.8

265 22.1 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

