

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070517\
 Data File : BG027855.D
 Acq On : 5 Jul 2017 19:50
 Operator : SJ/JU
 Sample : I4049-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-72-12000

Quant Time: Jul 06 04:29:05 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

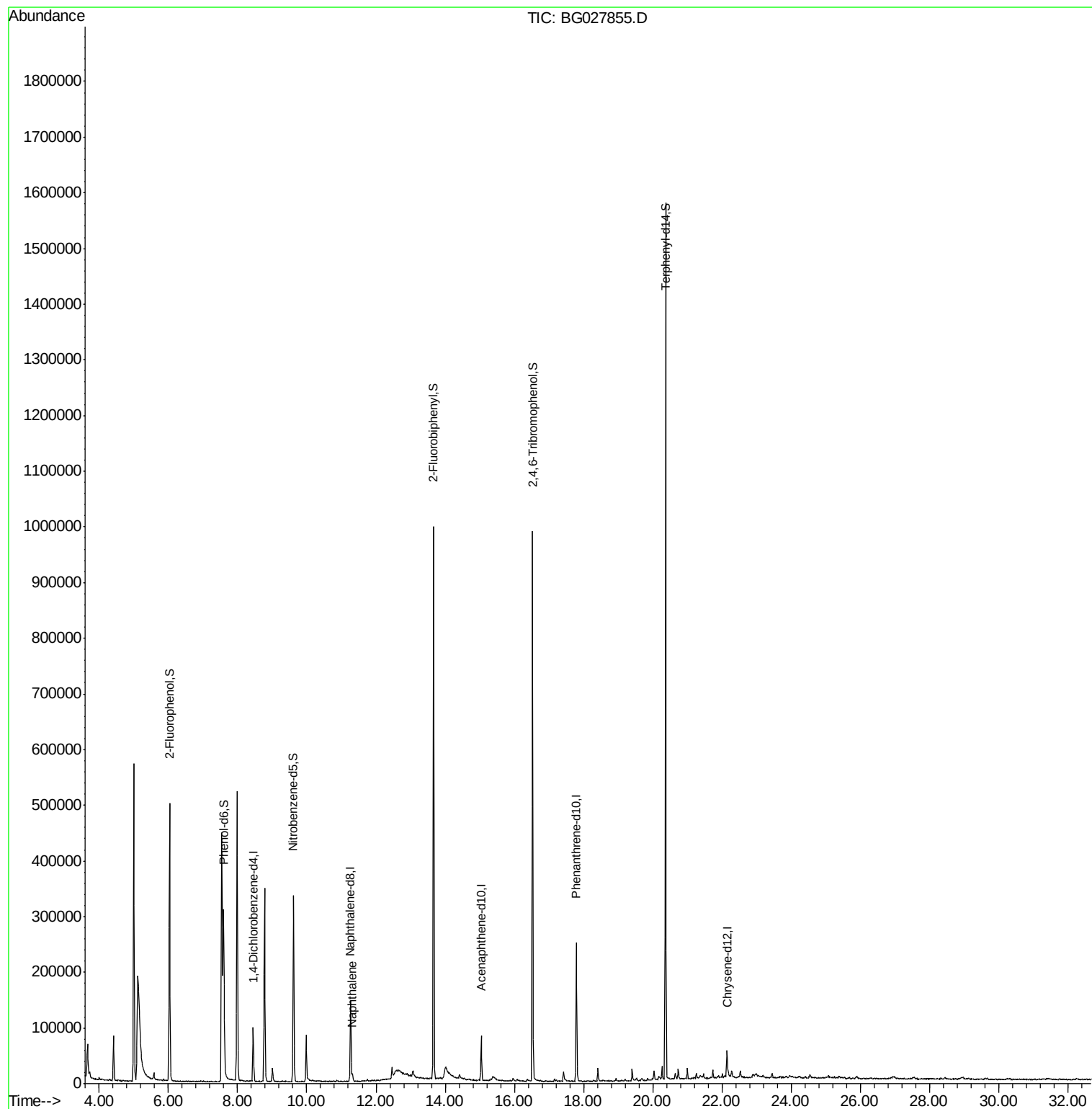
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	28194	20.00	ng	-0.03
21) Naphthalene-d8	11.27	136	128920	20.00	ng	-0.03
38) Acenaphthene-d10	15.04	164	20459	20.00	ng	-0.03
63) Phenanthrene-d10	17.79	188	112058	20.00	ng	-0.03
75) Chrysene-d12	22.14	240	13669	20.00	ng	-0.04
86) Perylene-d12	0.00	264	0	0.00	ng	-25.79
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	219955	120.14	ng	-0.03
7) Phenol-d6	7.59	99	108604	38.83	ng	-0.02
23) Nitrobenzene-d5	9.62	82	206453	89.26	ng	-0.03
41) 2,4,6-Tribromophenol	16.52	330	201965	719.72	ng	-0.03
44) 2-Fluorobiphenyl	13.66	172	522466	364.71	ng	-0.03
78) Terphenyl-d14	20.37	244	505664	867.26	ng	-0.02
Target Compounds						
31) Naphthalene	11.32	128	14578	2.126	ng	Qvalue 98

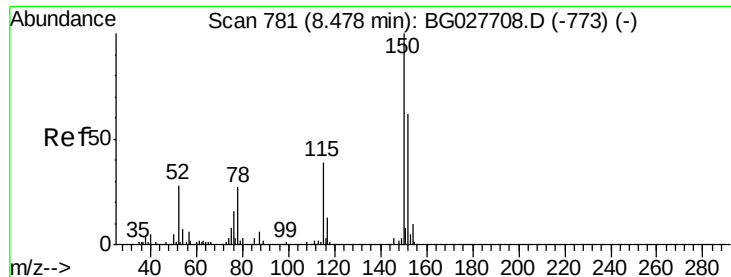
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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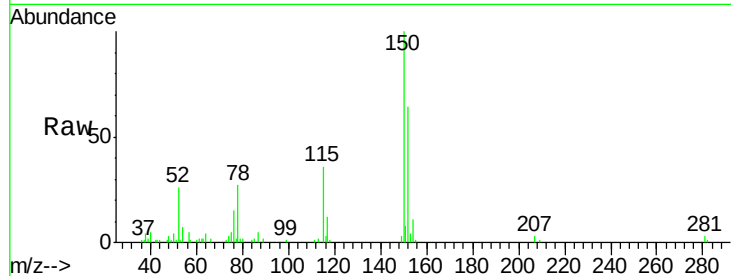


#1

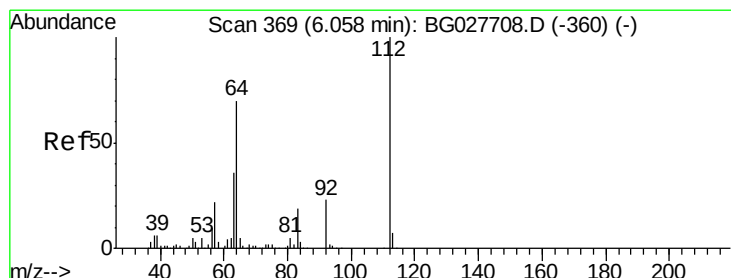
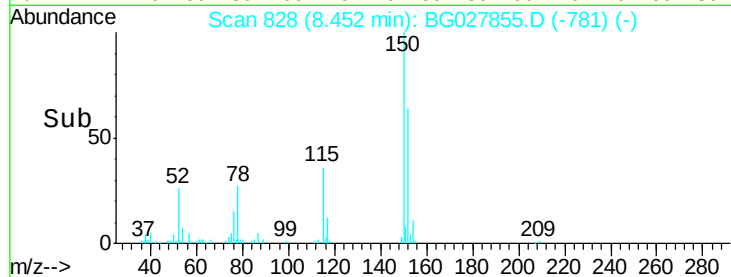
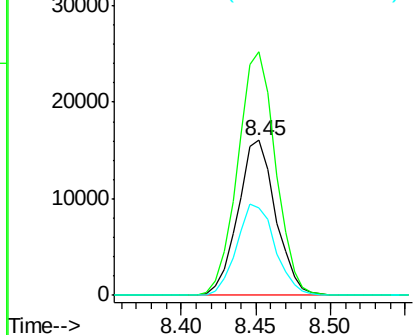
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 828
Delta R.T. -0.03 min
Lab File: BG027855.D
Acq: 5 Jul 2017 19:50

Instrument :
BNA_G
ClientSampleId :
RO-72-12000

Tgt Ion:152 Resp: 28194
Ion Ratio Lower Upper
152 100
150 156.8 114.0 171.0
115 56.4 48.1 72.1



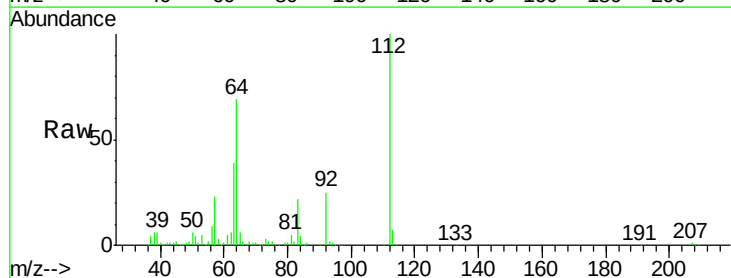
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



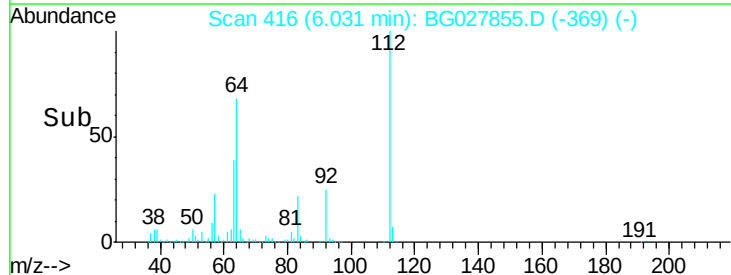
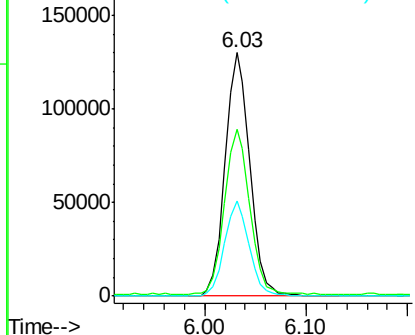
#5

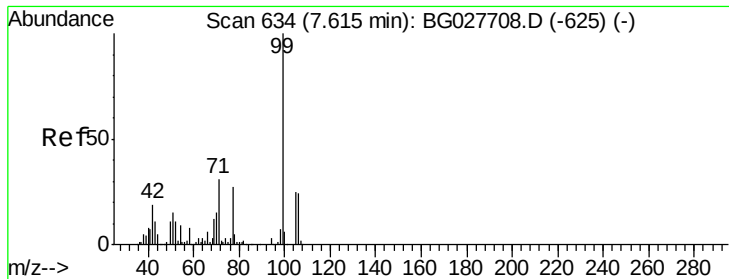
2-Fluorophenol
Concen: 120.136 ng
RT: 6.03 min Scan# 416
Delta R.T. -0.03 min
Lab File: BG027855.D
Acq: 5 Jul 2017 19:50

Tgt Ion:112 Resp: 219955
Ion Ratio Lower Upper
112 100
64 68.6 61.8 92.6
63 38.8 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: 38.828 ng

RT: 7.59 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027855.D

Acq: 5 Jul 2017 19:50

Instrument :

BNA_G

ClientSampleId :

RO-72-12000

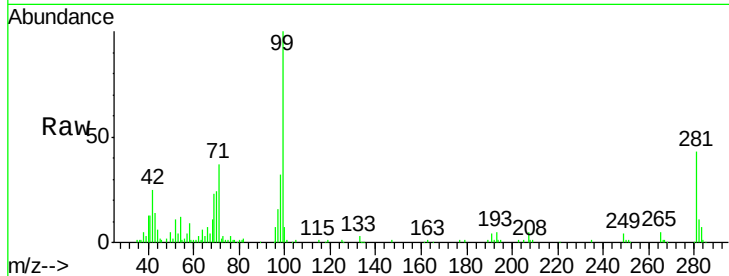
Tgt Ion: 99 Resp: 108604

Ion Ratio Lower Upper

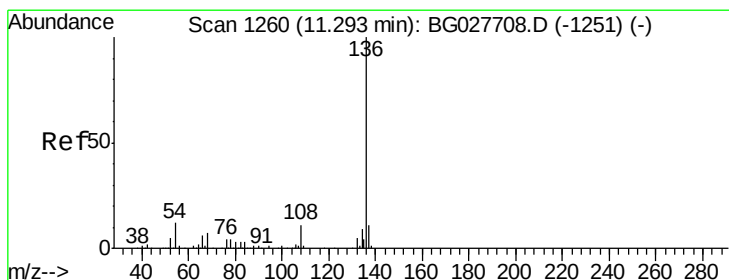
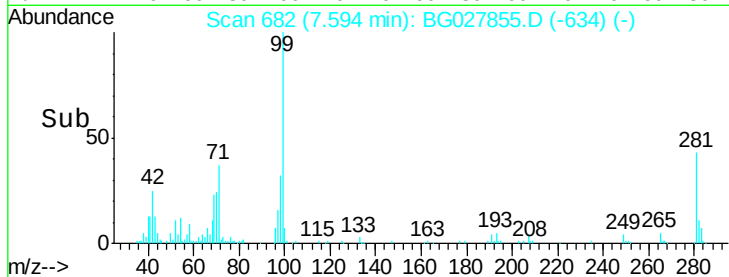
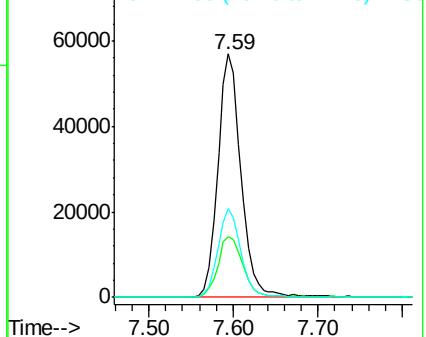
99 100

42 24.7 20.5 30.7

71 36.6 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. -0.03 min

Lab File: BG027855.D

Acq: 5 Jul 2017 19:50

Tgt Ion: 136 Resp: 128920

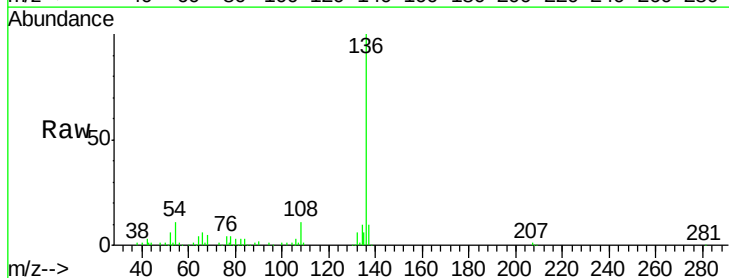
Ion Ratio Lower Upper

136 100

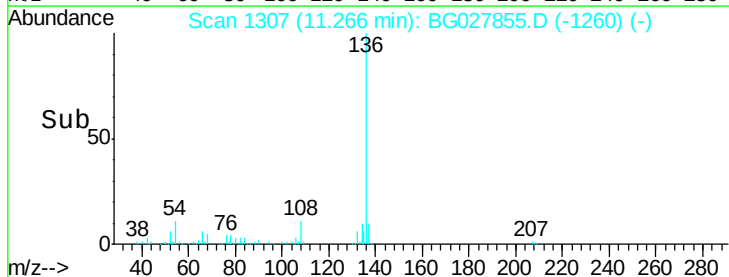
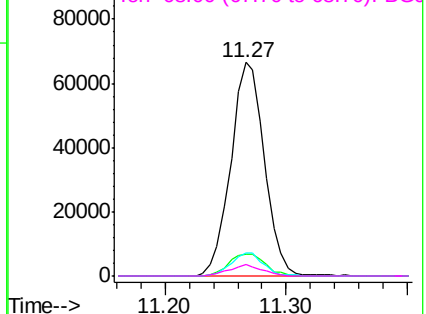
137 10.3 8.9 13.3

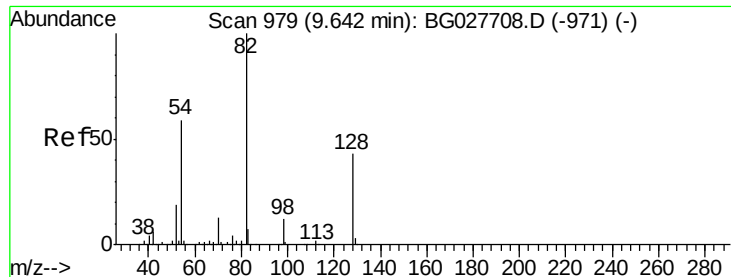
54 10.9 9.3 13.9

68 5.2 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

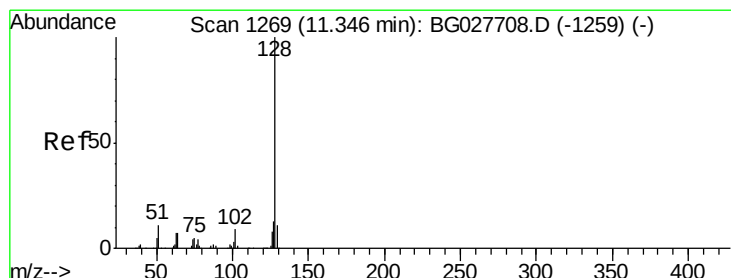
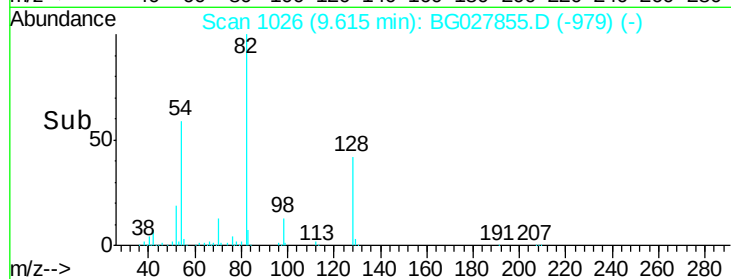
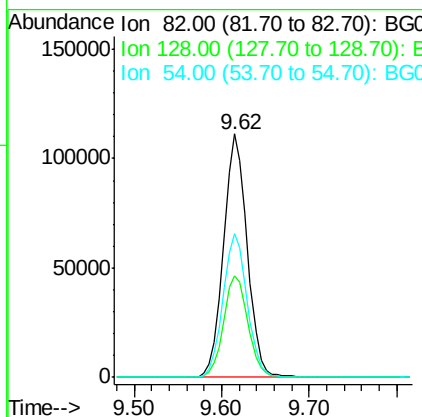
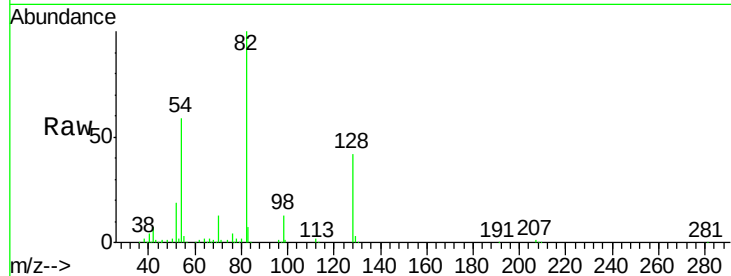




#23
 Nitrobenzene-d5
 Concen: 89.263 ng
 RT: 9.62 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BG027855.D
 Acq: 5 Jul 2017 19:50

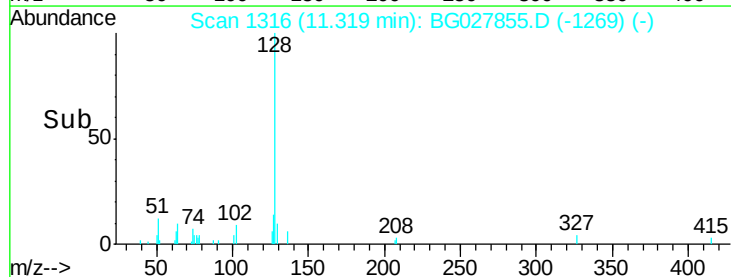
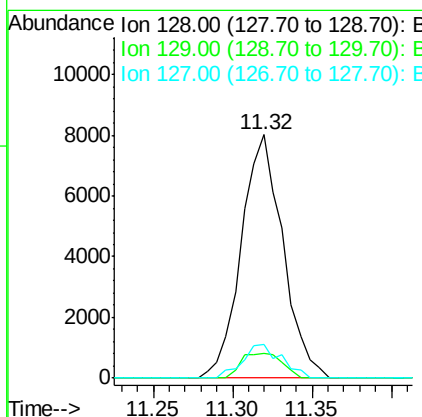
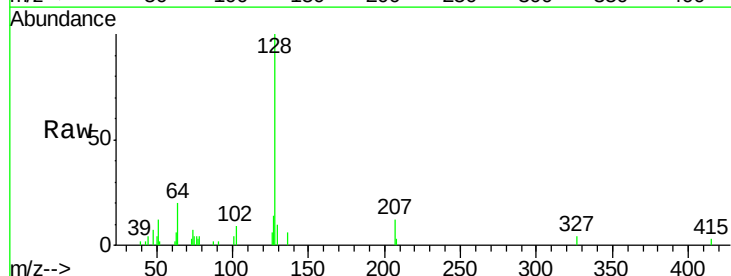
Instrument :
 BNA_G
 ClientSampleId :
 RO-72-12000

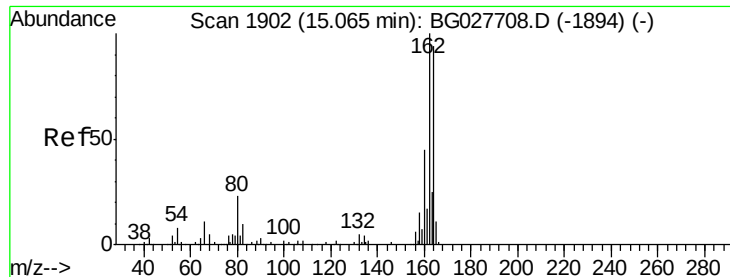
Tgt Ion: 82 Resp: 206453
 Ion Ratio Lower Upper
 82 100
 128 41.8 26.4 39.6#
 54 59.0 49.4 74.2



#31
 Naphthalene
 Concen: 2.126 ng
 RT: 11.32 min Scan# 1316
 Delta R.T. -0.03 min
 Lab File: BG027855.D
 Acq: 5 Jul 2017 19:50

Tgt Ion: 128 Resp: 14578
 Ion Ratio Lower Upper
 128 100
 129 10.4 9.3 13.9
 127 13.9 11.4 17.0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.04 min Scan# 1949

Delta R.T. -0.03 min

Lab File: BG027855.D

Acq: 5 Jul 2017 19:50

Instrument :

BNA_G

ClientSampleId :

RO-72-12000

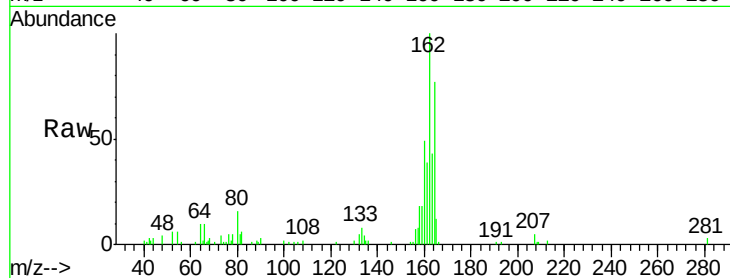
Tgt Ion:164 Resp: 20459

Ion Ratio Lower Upper

164 100

162 130.0 85.1 127.7#

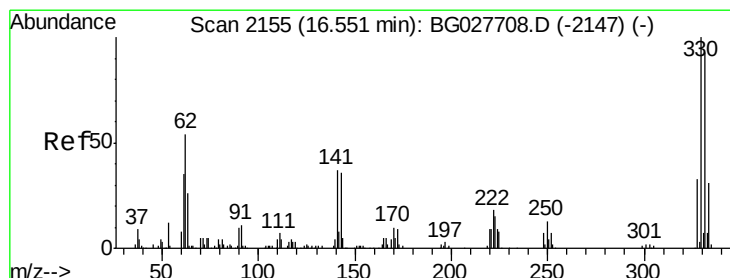
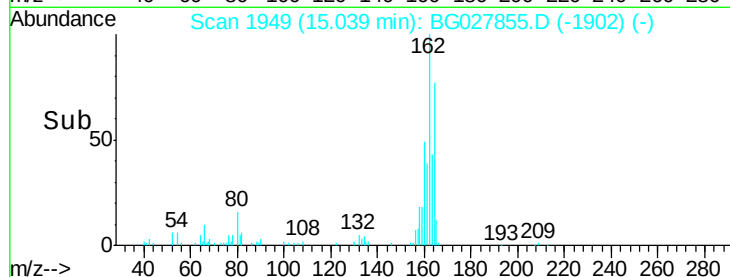
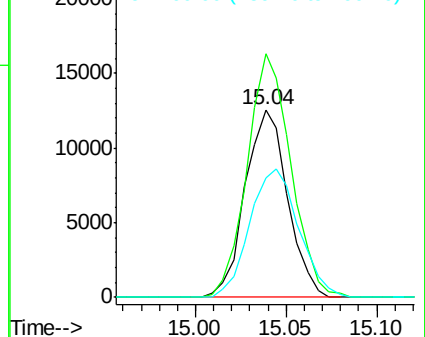
160 63.8 34.7 52.1#



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: 719.717 ng

RT: 16.52 min Scan# 2202

Delta R.T. -0.03 min

Lab File: BG027855.D

Acq: 5 Jul 2017 19:50

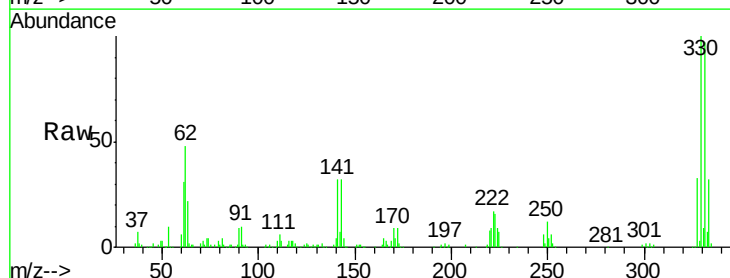
Tgt Ion:330 Resp: 201965

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

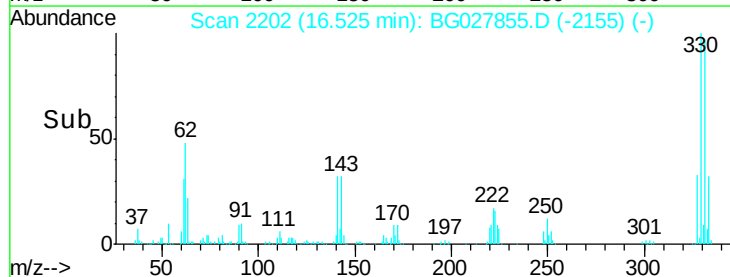
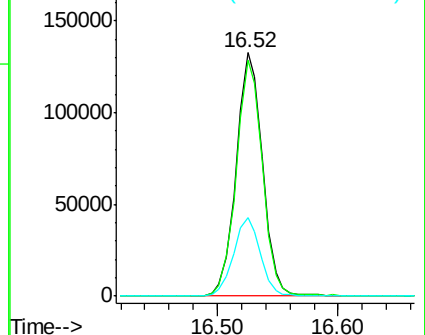
141 32.9 32.1 48.1

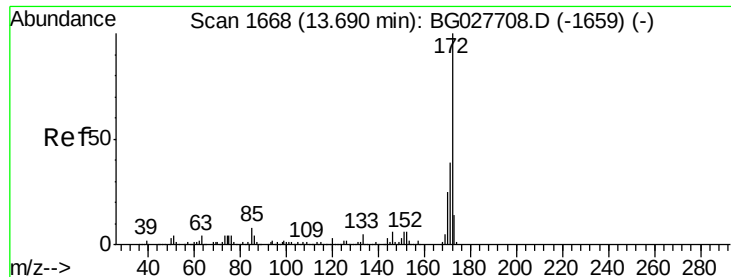


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

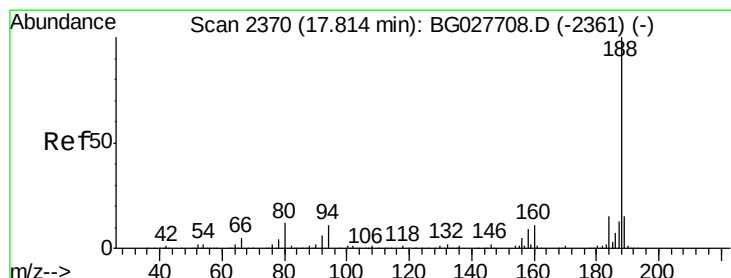
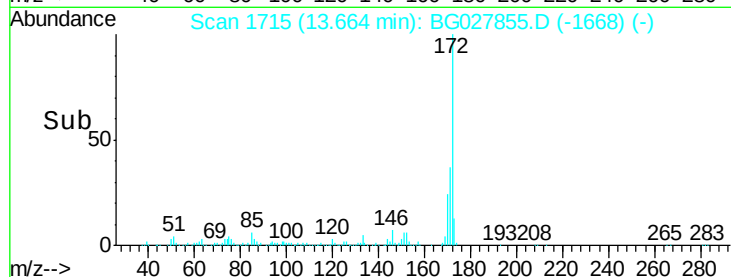
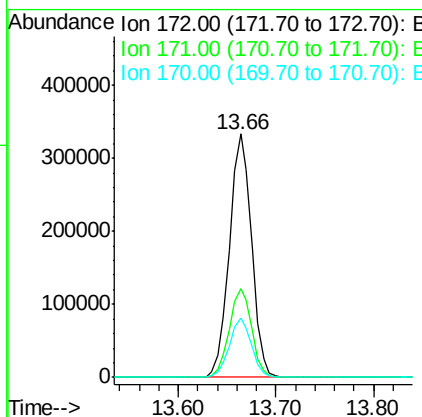
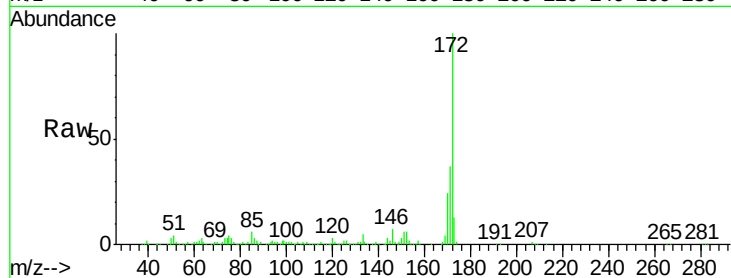




#44
2-Fluorobiphenyl
Concen: 364.715 ng
RT: 13.66 min Scan# 1715
Delta R.T. -0.03 min
Lab File: BG027855.D
Acq: 5 Jul 2017 19:50

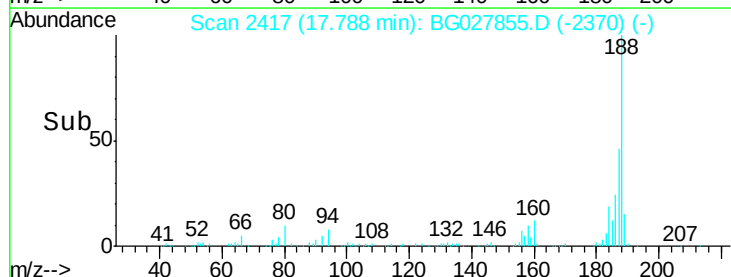
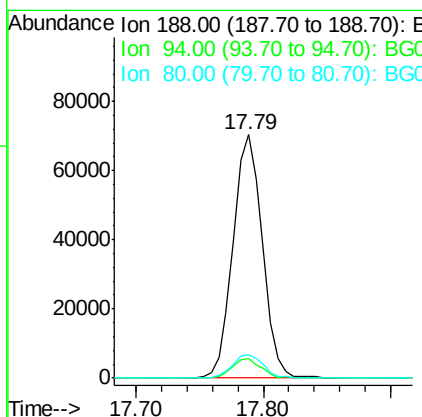
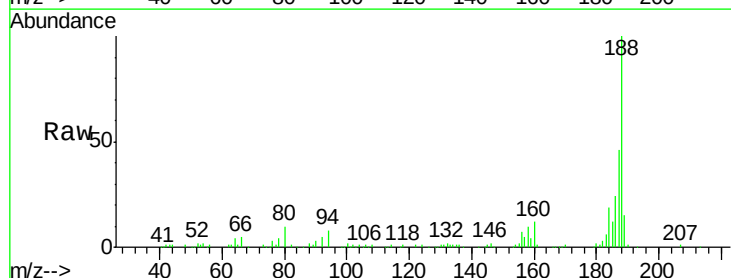
Instrument :
BNA_G
ClientSampleId :
RO-72-12000

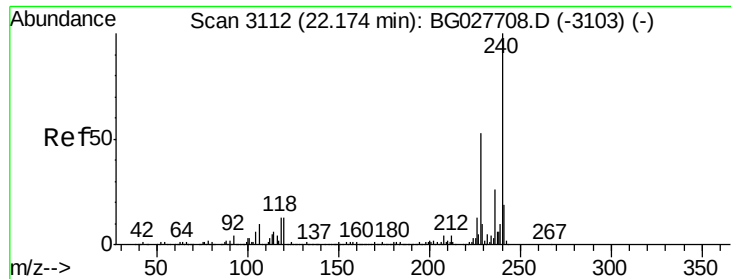
Tgt Ion:172 Resp: 522466
Ion Ratio Lower Upper
172 100
171 36.6 32.2 48.2
170 24.1 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.79 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027855.D
Acq: 5 Jul 2017 19:50

Tgt Ion:188 Resp: 112058
Ion Ratio Lower Upper
188 100
94 8.1 5.8 8.8
80 9.7 7.5 11.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.14 min Scan# 3157

Delta R.T. -0.04 min

Lab File: BG027855.D

Acq: 5 Jul 2017 19:50

Instrument :

BNA_G

ClientSampleId :

RO-72-12000

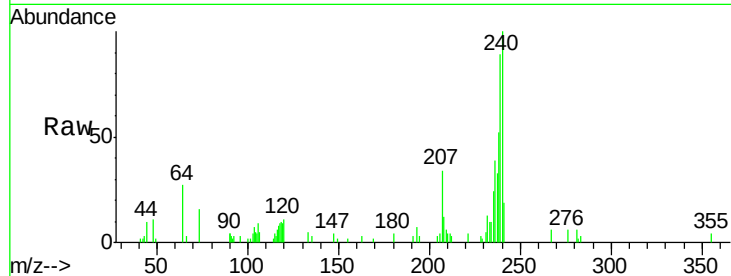
Tgt Ion:240 Resp: 13669

Ion Ratio Lower Upper

240 100

120 10.9 5.7 8.5#

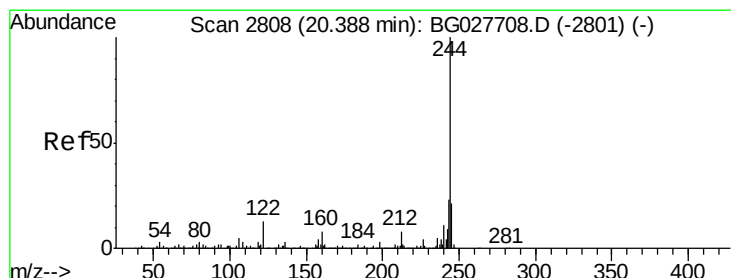
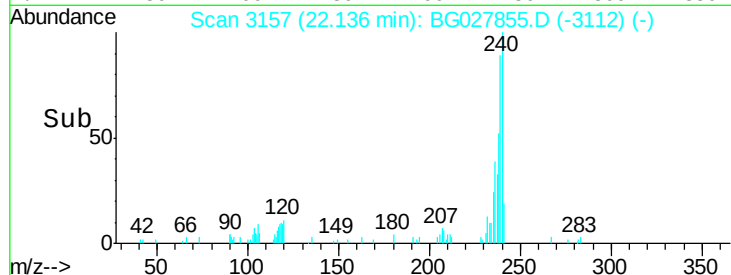
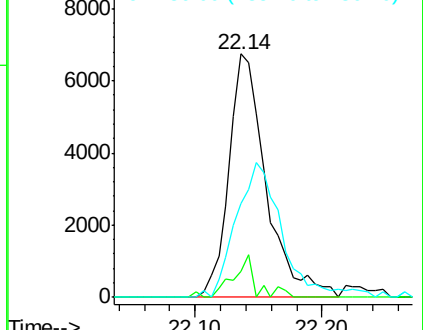
236 38.6 22.2 33.4#



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: 867.264 ng

RT: 20.37 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027855.D

Acq: 5 Jul 2017 19:50

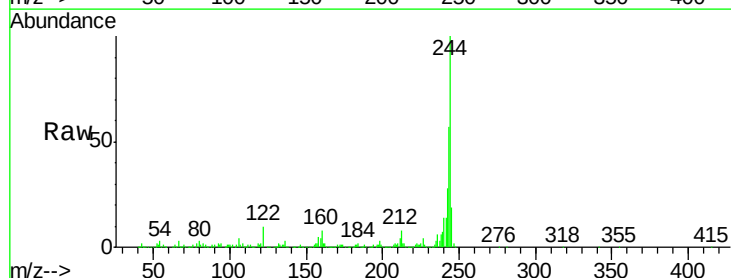
Tgt Ion:244 Resp: 505664

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

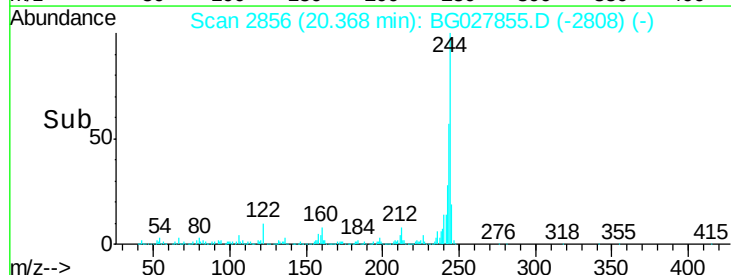
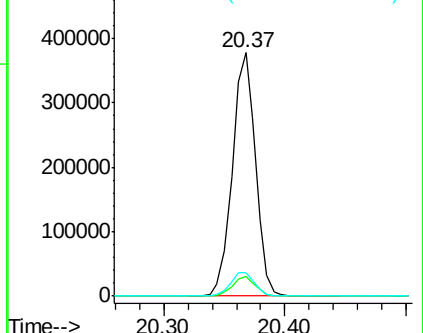
122 9.5 8.6 12.8

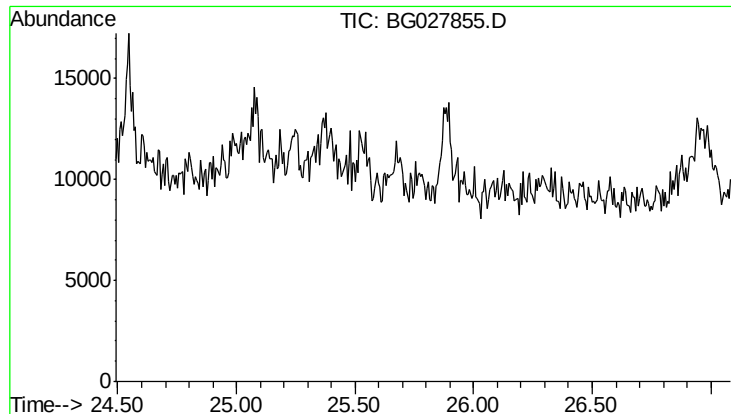


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 0.000 ng
Expected RT: 25.79 min
Lab File: BG027855.D
Acq: 5 Jul 2017 19:50

Instrument :
BNA_G
ClientSampleId :
RO-72-12000

Tgt Ion:	264
Sig	Exp Ratio
264	100
260	27.3
265	22.8

