

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
 Data File : BG027899.D
 Acq On : 10 Jul 2017 22:45
 Operator : SJ/JU
 Sample : I4108-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-070617-A

Quant Time: Jul 11 07:52:45 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	38725	20.00	ng	0.00
21) Naphthalene-d8	11.23	136	160745	20.00	ng	-0.01
38) Acenaphthene-d10	15.01	164	85053	20.00	ng	-0.01
63) Phenanthrene-d10	17.76	188	221739	20.00	ng	-0.01
75) Chrysene-d12	22.11	240	273087	20.00	ng	-0.02
86) Perylene-d12	25.67	264	265719	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	315629	125.51	ng	0.00
7) Phenol-d6	7.57	99	383032	99.70	ng	0.00
23) Nitrobenzene-d5	9.58	82	228571	79.26	ng	-0.01
41) 2,4,6-Tribromophenol	16.50	330	214750	184.08	ng	-0.01
44) 2-Fluorobiphenyl	13.64	172	574062	96.39	ng	-0.01
78) Terphenyl-d14	20.35	244	1236308	106.13	ng	0.00

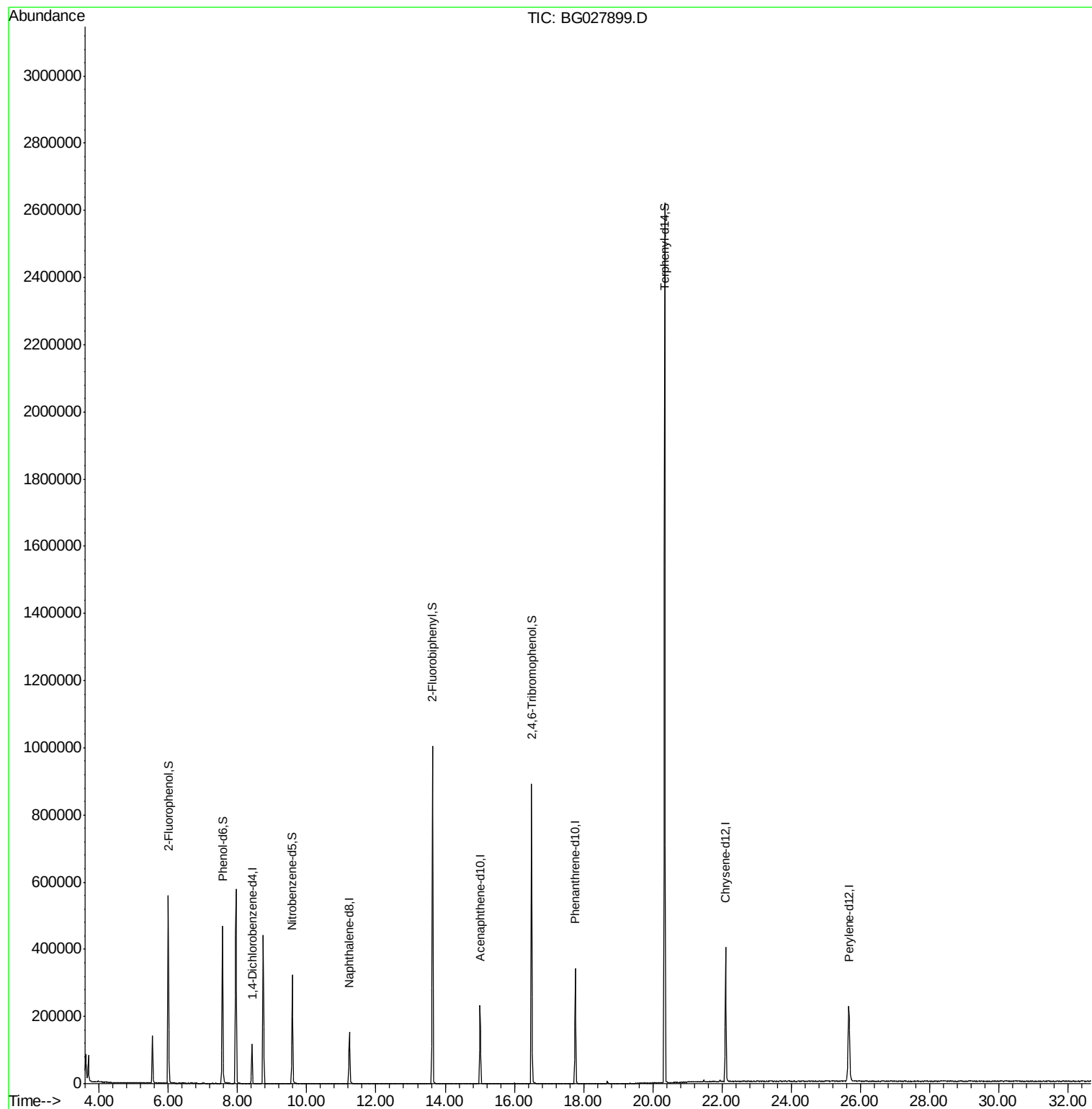
Target Compounds	Qvalue
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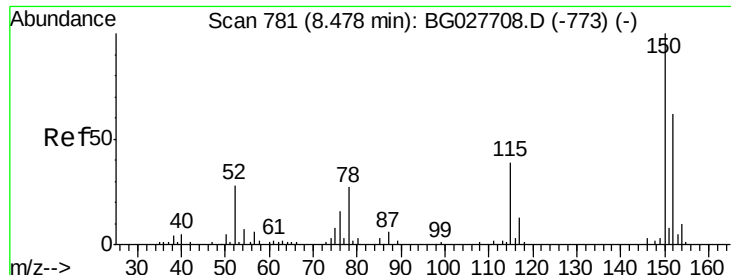
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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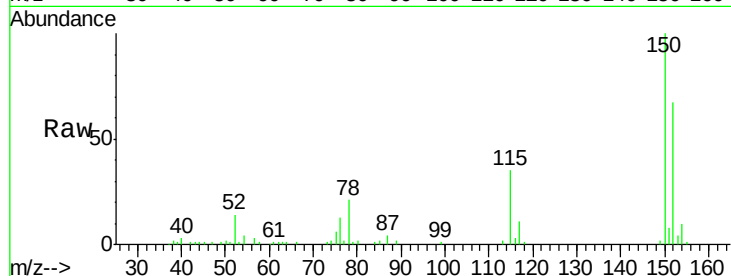


#1

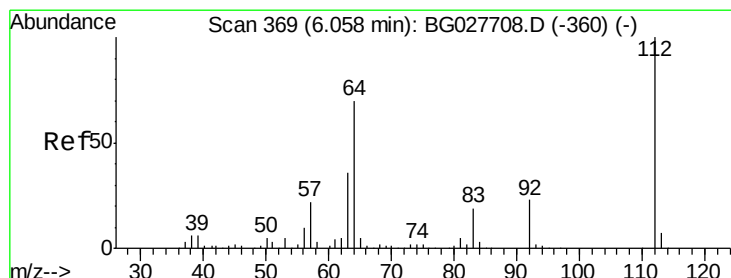
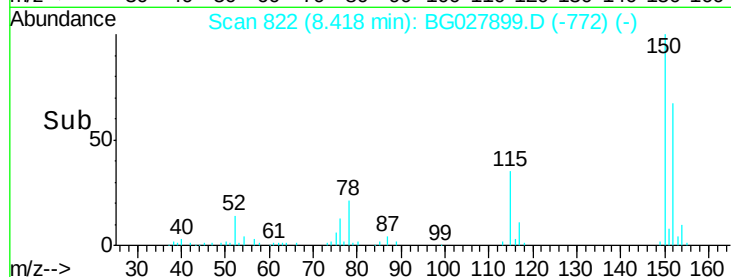
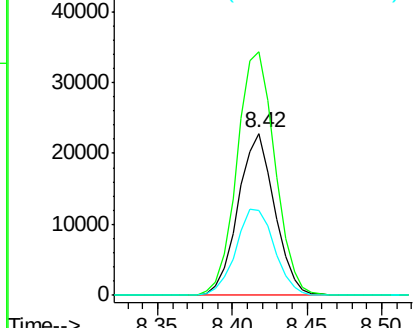
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.42 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027899.D
Acq: 10 Jul 2017 22:45

Instrument :
BNA_G
ClientSampleId :
BU-01-070617-A

Tgt Ion:152 Resp: 38725
Ion Ratio Lower Upper
152 100
150 150.2 114.0 171.0
115 52.6 48.1 72.1



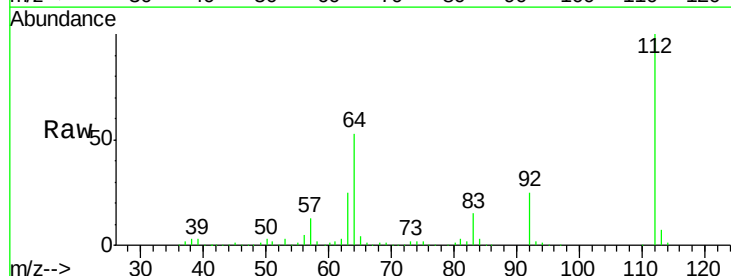
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



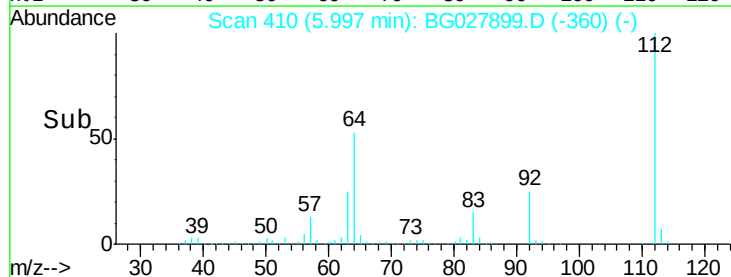
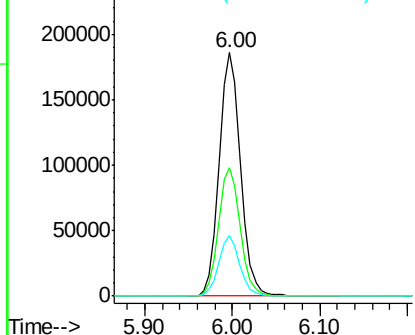
#5

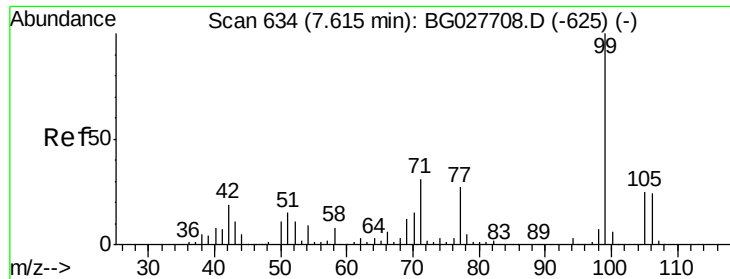
2-Fluorophenol
Concen: 125.511 ng
RT: 6.00 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG027899.D
Acq: 10 Jul 2017 22:45

Tgt Ion:112 Resp: 315629
Ion Ratio Lower Upper
112 100
64 53.0 61.8 92.6#
63 24.7 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: 99.702 ng

RT: 7.57 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG027899.D

Acq: 10 Jul 2017 22:45

Instrument :

BNA_G

ClientSampleId :

BU-01-070617-A

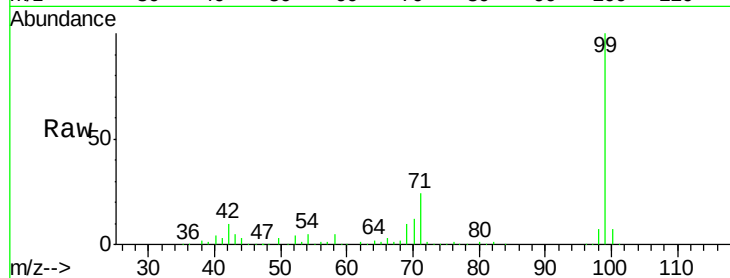
Tgt Ion: 99 Resp: 383032

Ion Ratio Lower Upper

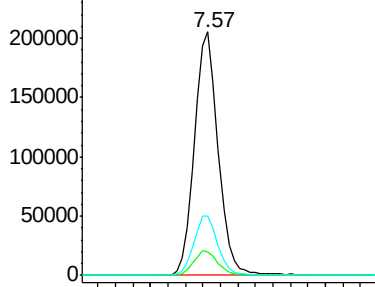
99 100

42 9.8 20.5 30.7#

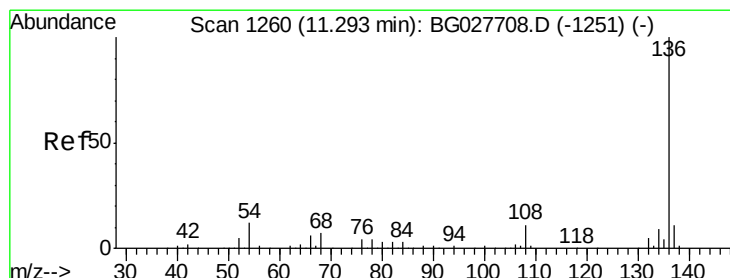
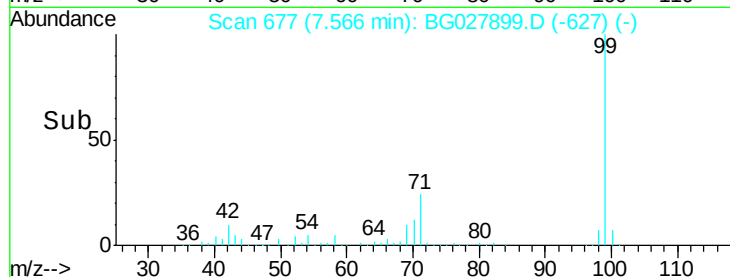
71 24.3 37.6 56.4#



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.23 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG027899.D

Acq: 10 Jul 2017 22:45

Tgt Ion: 136 Resp: 160745

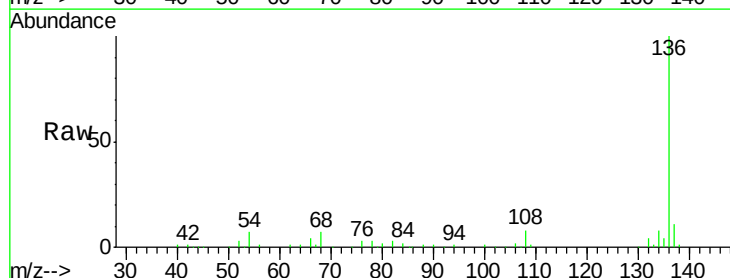
Ion Ratio Lower Upper

136 100

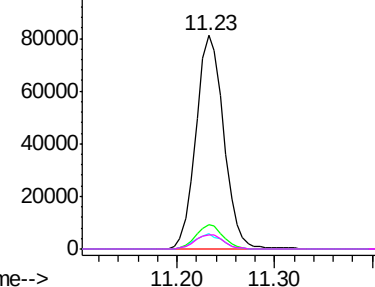
137 11.2 8.9 13.3

54 7.0 9.3 13.9#

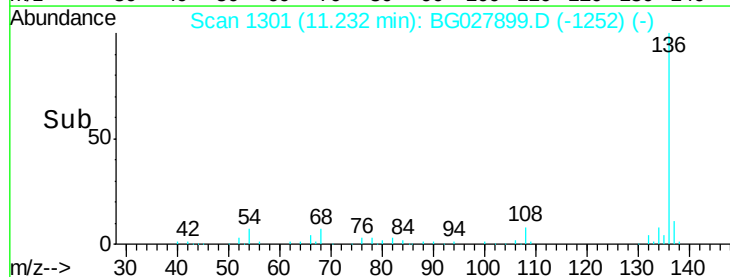
68 6.8 5.1 7.7

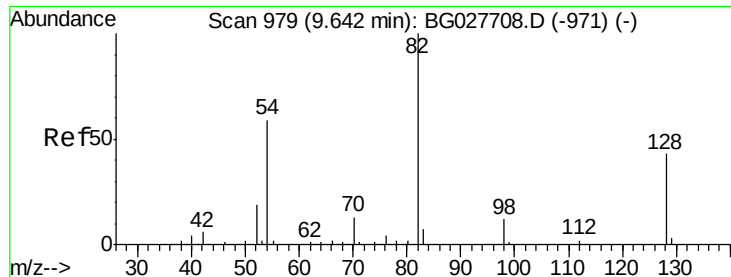


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

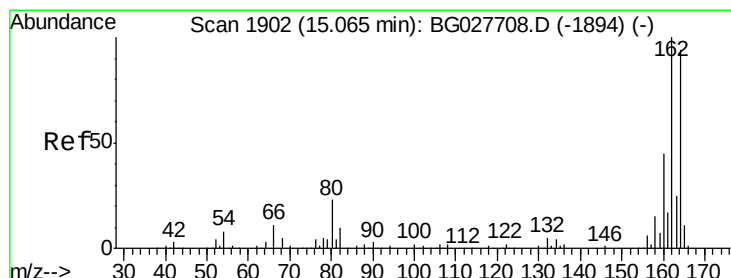
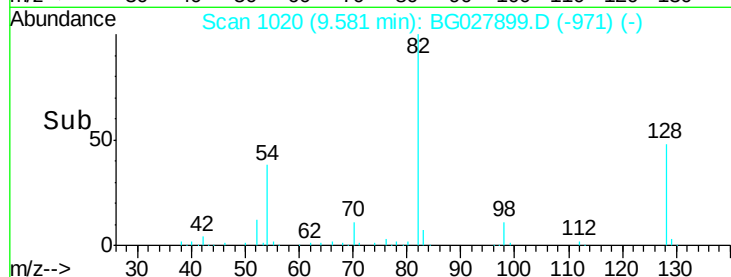
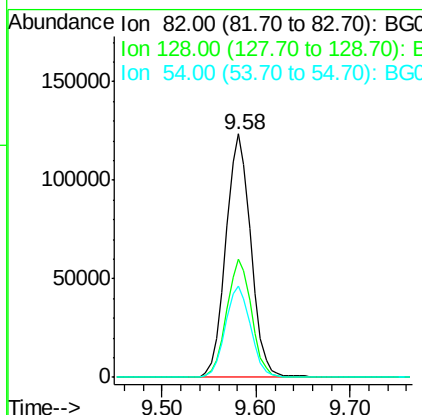
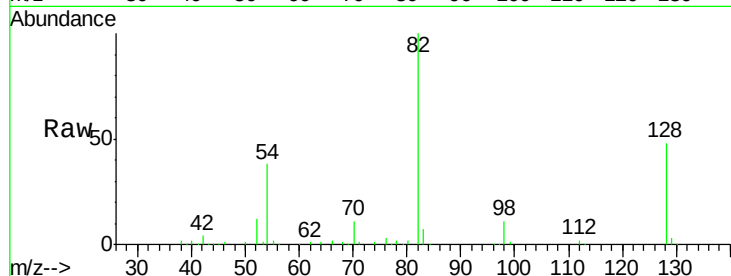




#23
 Nitrobenzene-d5
 Concen: 79.260 ng
 RT: 9.58 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG027899.D
 Acq: 10 Jul 2017 22:45

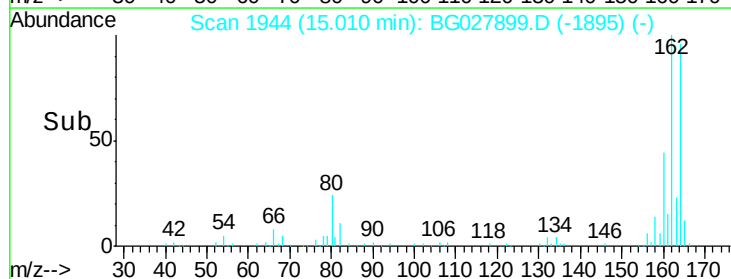
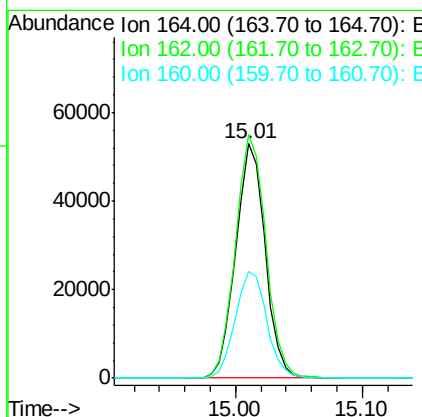
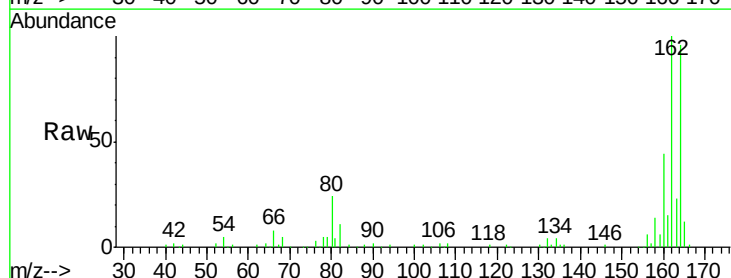
Instrument :
 BNA_G
 ClientSampleId :
 BU-01-070617-A

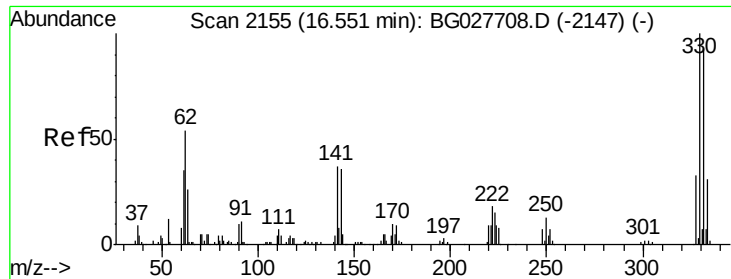
Tgt Ion: 82 Resp: 228571
 Ion Ratio Lower Upper
 82 100
 128 48.4 26.4 39.6#
 54 37.7 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.01 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG027899.D
 Acq: 10 Jul 2017 22:45

Tgt Ion: 164 Resp: 85053
 Ion Ratio Lower Upper
 164 100
 162 103.9 85.1 127.7
 160 45.4 34.7 52.1

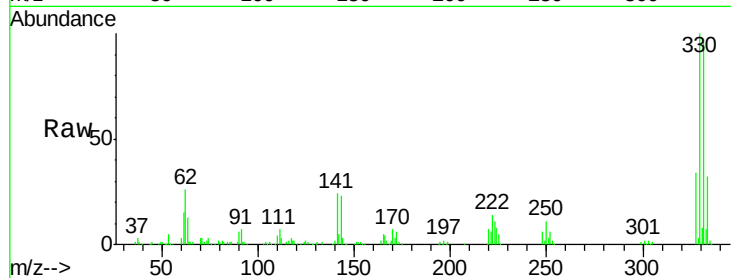




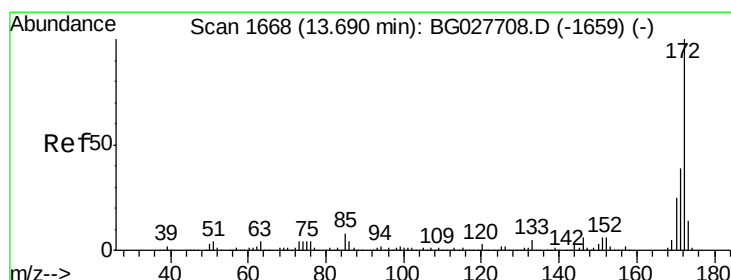
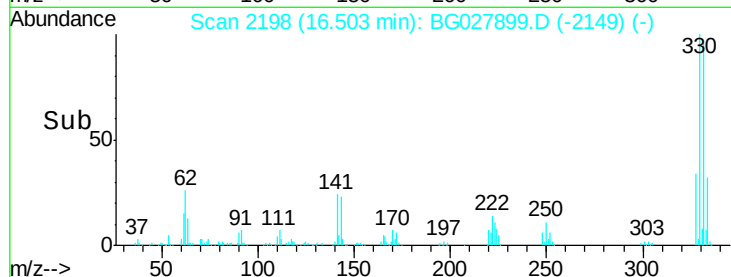
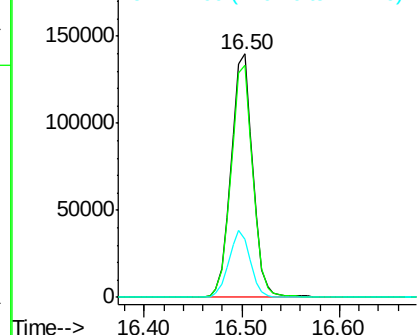
#41
 2,4,6-Tribromophenol
 Concen: 184.083 ng
 RT: 16.50 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG027899.D
 Acq: 10 Jul 2017 22:45

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-070617-A

Tgt Ion:330 Resp: 214750
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 27.2 32.1 48.1#

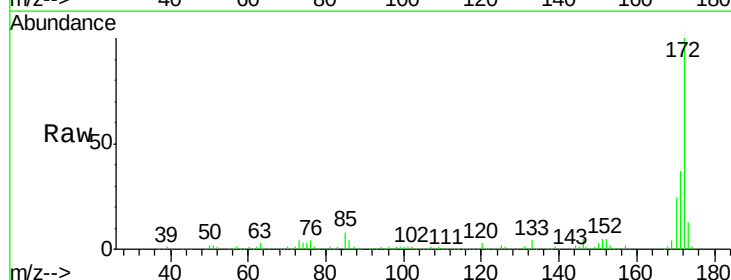


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

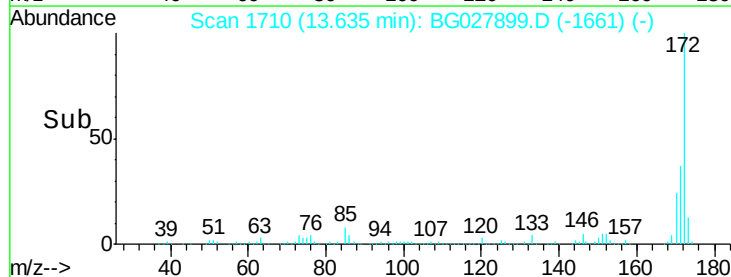
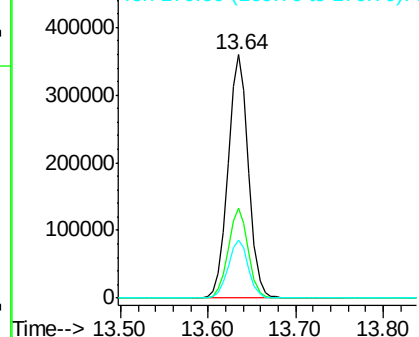


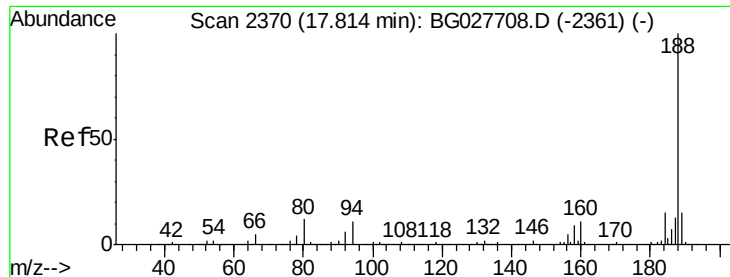
#44
 2-Fluorobiphenyl
 Concen: 96.394 ng
 RT: 13.64 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG027899.D
 Acq: 10 Jul 2017 22:45

Tgt Ion:172 Resp: 574062
 Ion Ratio Lower Upper
 172 100
 171 37.0 32.2 48.2
 170 23.8 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

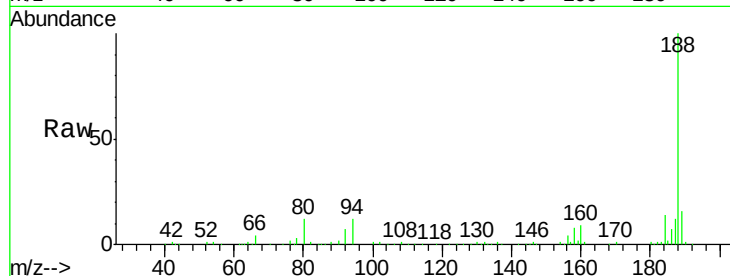




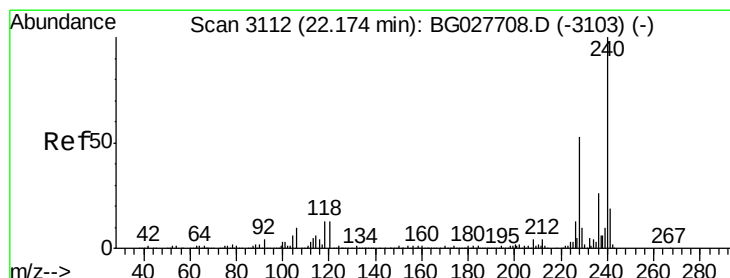
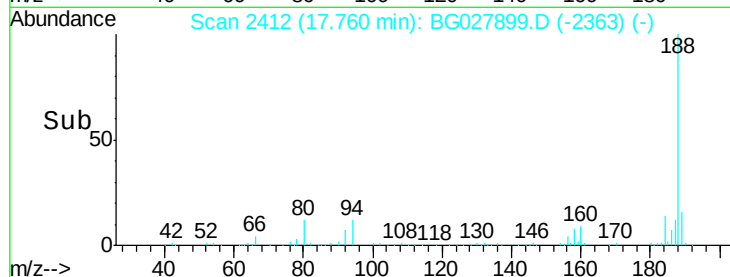
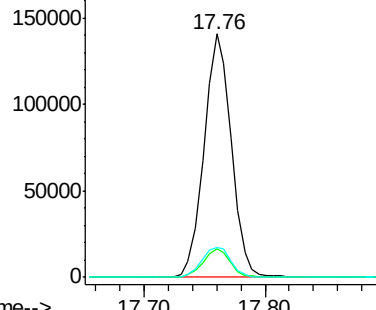
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.76 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG027899.D
Acq: 10 Jul 2017 22:45

Instrument :
BNA_G
ClientSampleId :
BU-01-070617-A

Tgt Ion:188 Resp: 221739
Ion Ratio Lower Upper
188 100
94 11.8 5.8 8.8#
80 12.2 7.5 11.3#

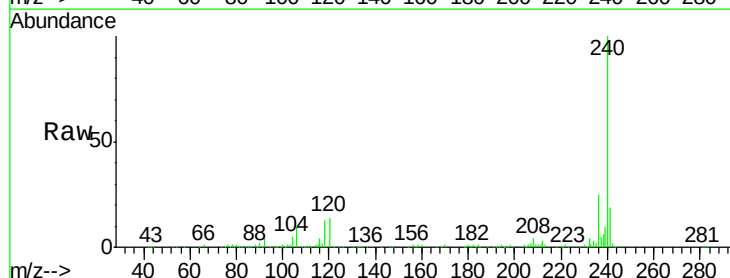


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

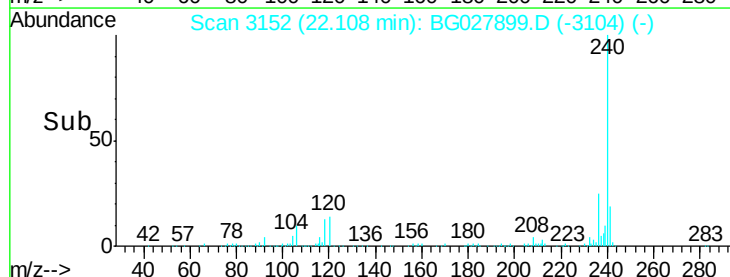
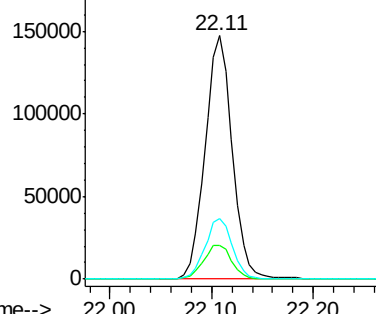


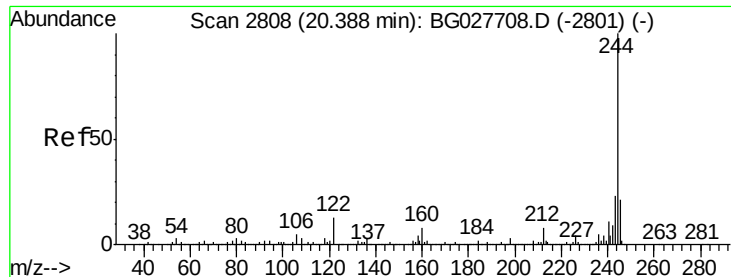
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.11 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG027899.D
Acq: 10 Jul 2017 22:45

Tgt Ion:240 Resp: 273087
Ion Ratio Lower Upper
240 100
120 14.1 5.7 8.5#
236 24.7 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: 106.133 ng

RT: 20.35 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG027899.D

Acq: 10 Jul 2017 22:45

Instrument :

BNA_G

ClientSampleId :

BU-01-070617-A

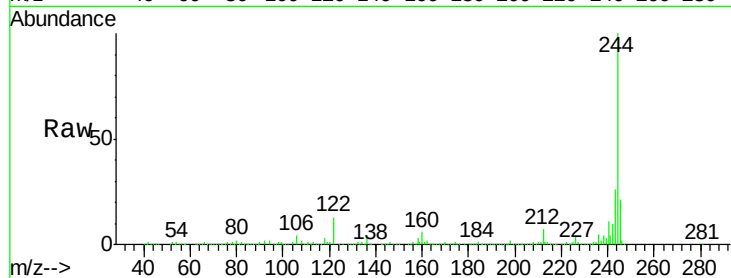
Tgt Ion:244 Resp: 1236308

Ion Ratio Lower Upper

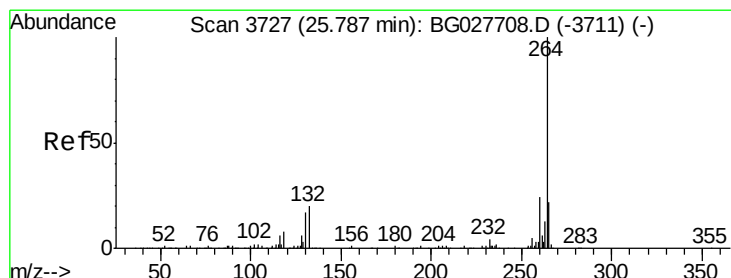
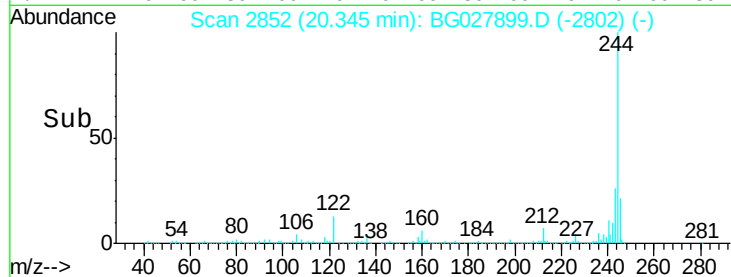
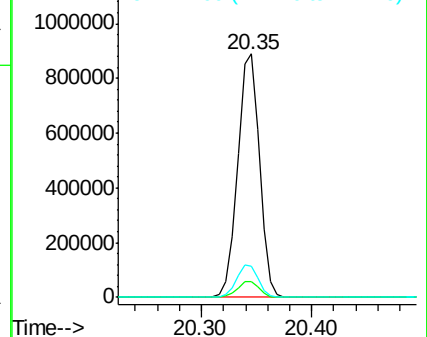
244 100

212 6.5 10.0 15.0#

122 12.9 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: BG027899.D

Acq: 10 Jul 2017 22:45

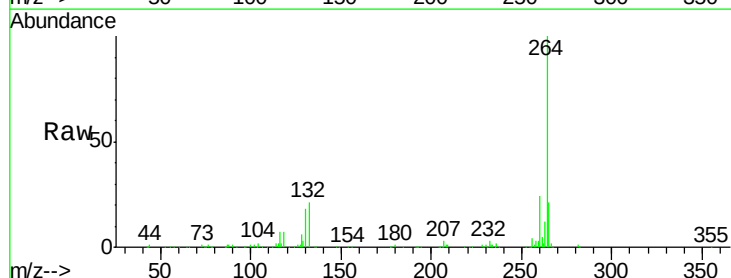
Tgt Ion:264 Resp: 265719

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 20.5 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

