

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
 Data File : BG027900.D
 Acq On : 10 Jul 2017 23:25
 Operator : SJ/JU
 Sample : I4108-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 11 07:55:33 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	8.41	152	42311	20.00	ng	-0.01
21) Naphthalene-d8	11.23	136	178194	20.00	ng	-0.01
38) Acenaphthene-d10	15.01	164	93020	20.00	ng	-0.01
63) Phenanthrene-d10	17.76	188	243694	20.00	ng	-0.01
75) Chrysene-d12	22.10	240	299566	20.00	ng	-0.03
86) Perylene-d12	25.66	264	137393	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	371388	135.17	ng	0.00
7) Phenol-d6	7.57	99	465496	110.90	ng	0.00
23) Nitrobenzene-d5	9.58	82	256591	80.26	ng	-0.01
41) 2,4,6-Tribromophenol	16.50	330	231513	181.45	ng	-0.02
44) 2-Fluorobiphenyl	13.64	172	645043	99.04	ng	-0.01
78) Terphenyl-d14	20.34	244	1336559	104.60	ng	-0.01

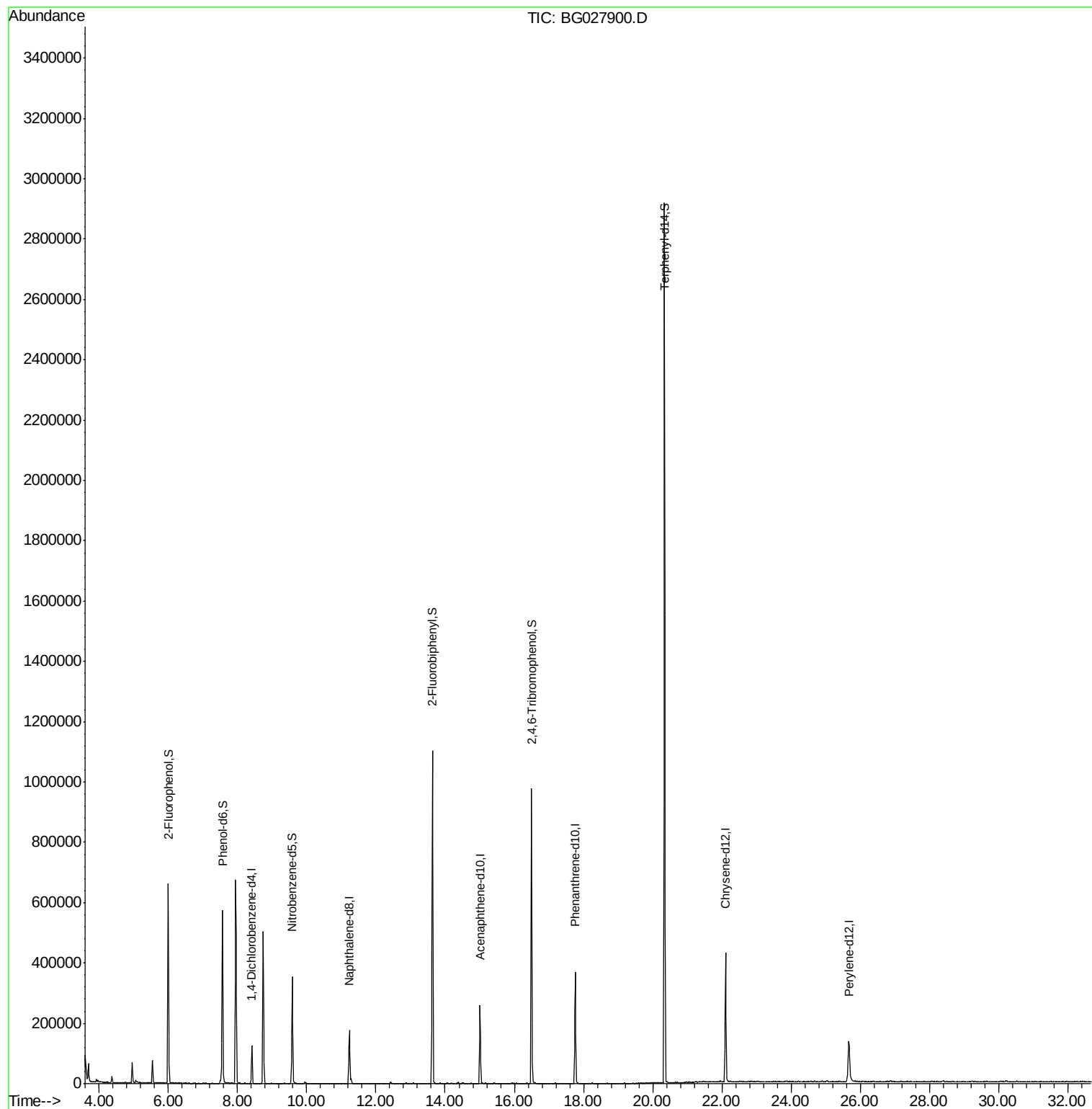
Target Compounds	Qvalue
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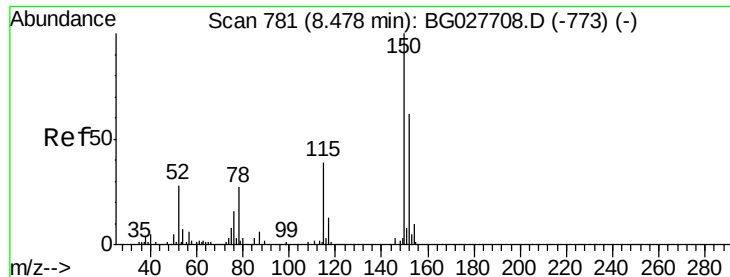
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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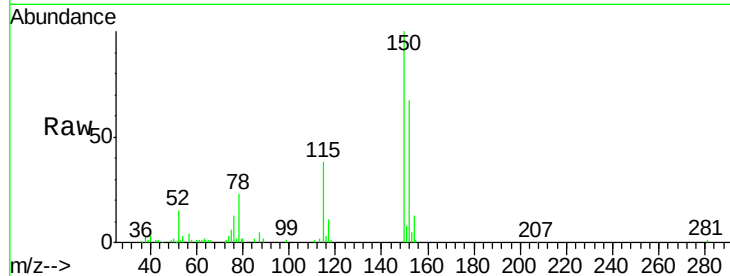


#1

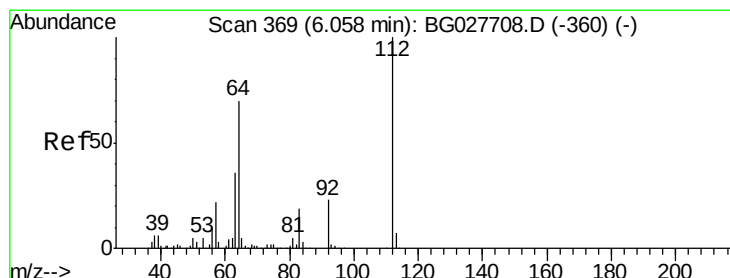
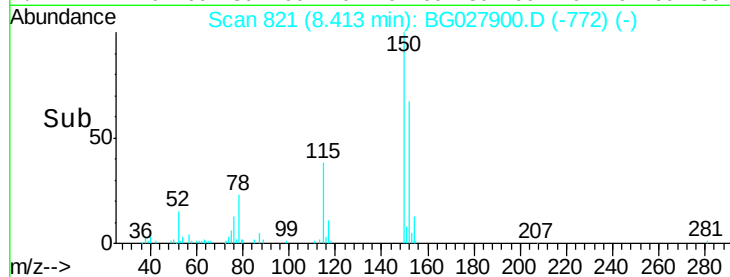
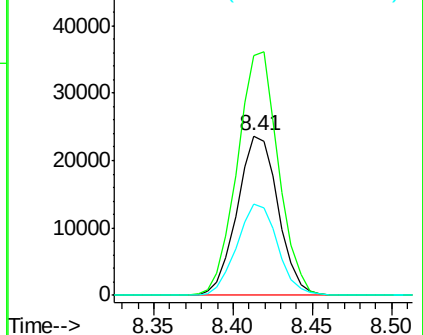
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.41 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG027900.D
Acq: 10 Jul 2017 23:25

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

Tgt Ion:152 Resp: 42311
Ion Ratio Lower Upper
152 100
150 150.1 114.0 171.0
115 57.5 48.1 72.1



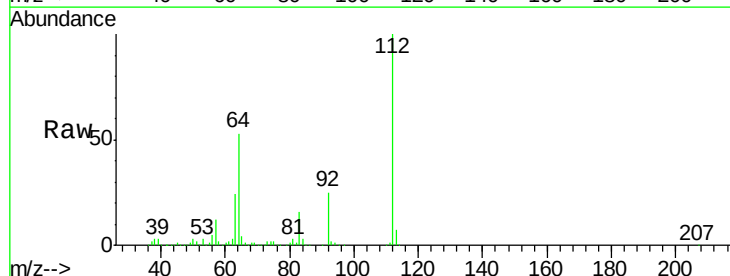
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



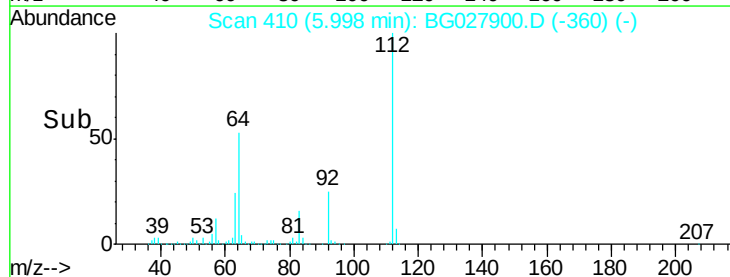
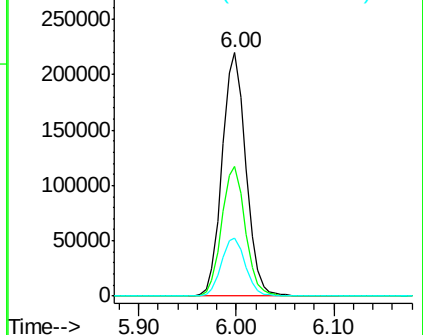
#5

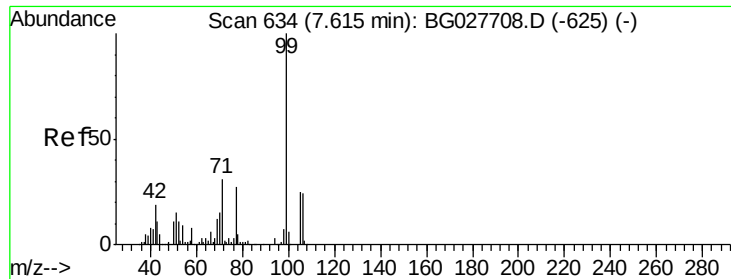
2-Fluorophenol
Concen: 135.167 ng
RT: 6.00 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG027900.D
Acq: 10 Jul 2017 23:25

Tgt Ion:112 Resp: 371388
Ion Ratio Lower Upper
112 100
64 53.2 61.8 92.6#
63 23.8 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: 110.897 ng

RT: 7.57 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG027900.D

Acq: 10 Jul 2017 23:25

Instrument :

BNA_G

ClientSampleId :

BU-01-070617-B

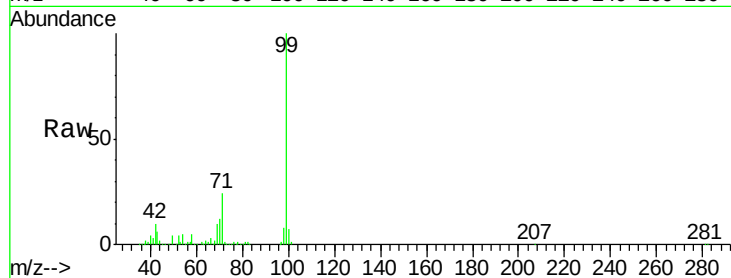
Tgt Ion: 99 Resp: 465496

Ion Ratio Lower Upper

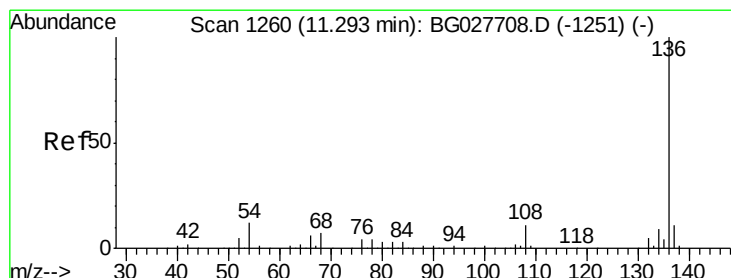
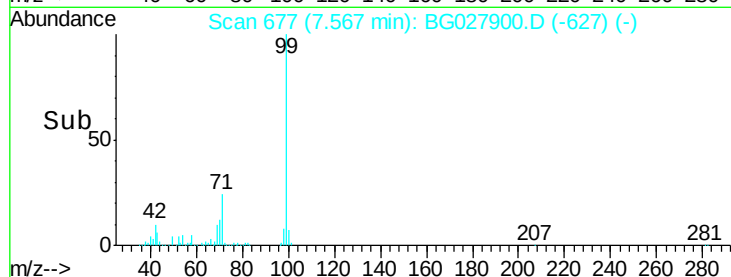
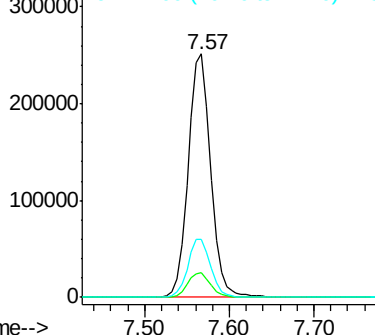
99 100

42 10.1 20.5 30.7#

71 24.0 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. -0.01 min

Lab File: BG027900.D

Acq: 10 Jul 2017 23:25

Tgt Ion: 136 Resp: 178194

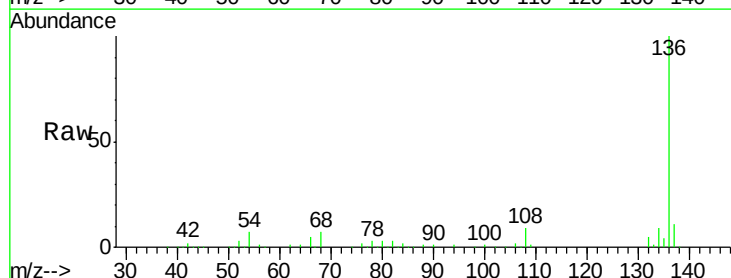
Ion Ratio Lower Upper

136 100

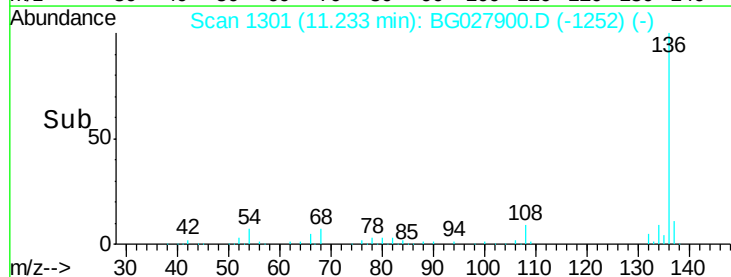
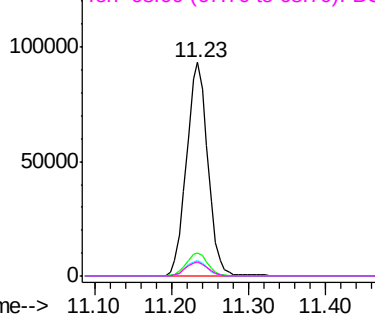
137 11.0 8.9 13.3

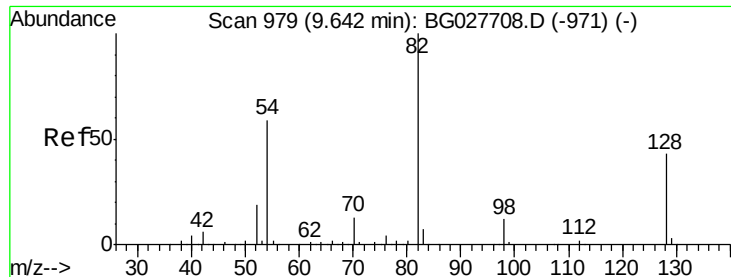
54 7.1 9.3 13.9#

68 6.5 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

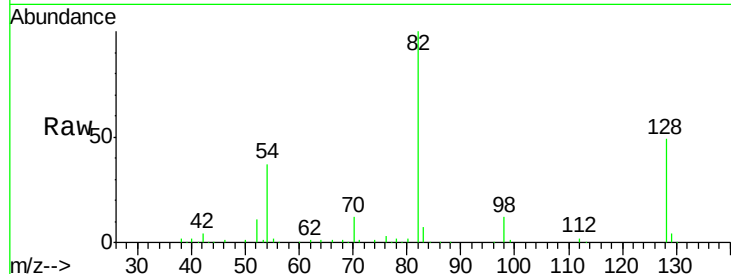




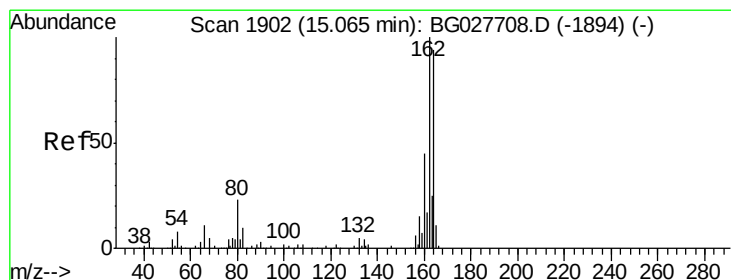
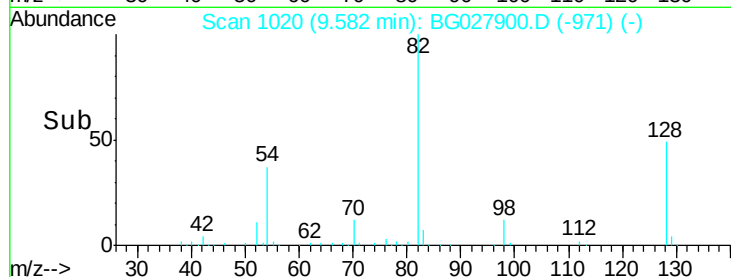
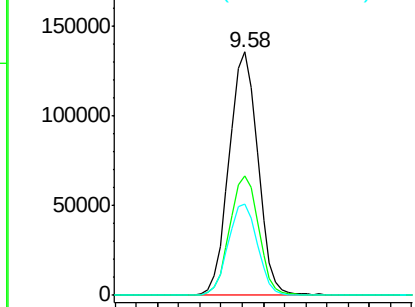
#23
 Nitrobenzene-d5
 Concen: 80.264 ng
 RT: 9.58 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG027900.D
 Acq: 10 Jul 2017 23:25

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

Tgt Ion: 82 Resp: 256591
 Ion Ratio Lower Upper
 82 100
 128 49.0 26.4 39.6#
 54 37.5 49.4 74.2#

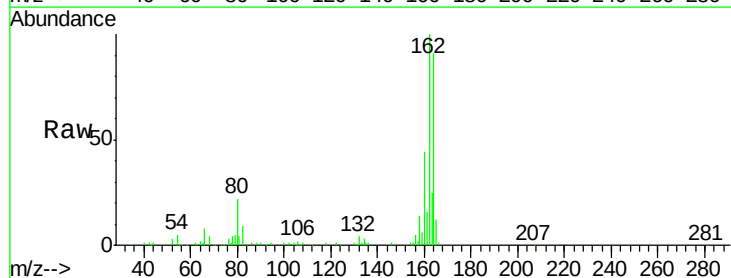


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

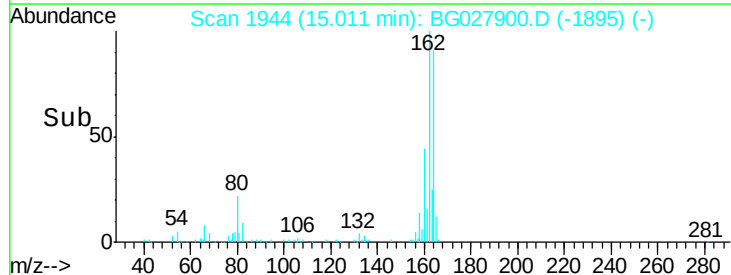
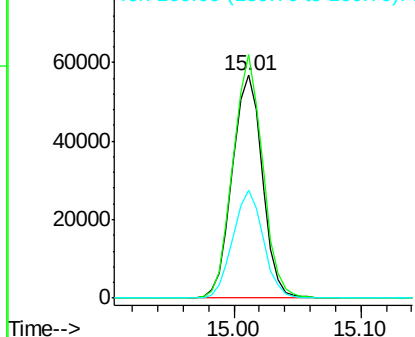


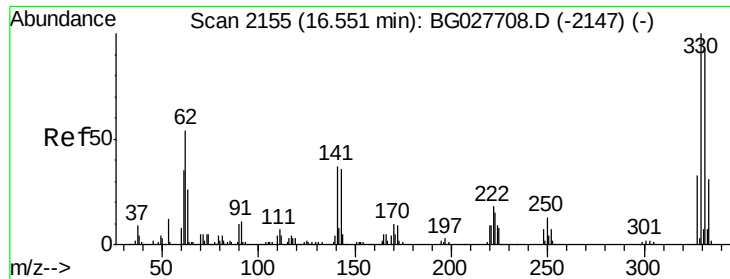
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.01 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG027900.D
 Acq: 10 Jul 2017 23:25

Tgt Ion: 164 Resp: 93020
 Ion Ratio Lower Upper
 164 100
 162 109.4 85.1 127.7
 160 48.3 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: 181.455 ng

RT: 16.50 min Scan# 2197

Delta R.T. -0.02 min

Lab File: BG027900.D

Acq: 10 Jul 2017 23:25

Instrument :

BNA_G

ClientSampleId :

BU-01-070617-B

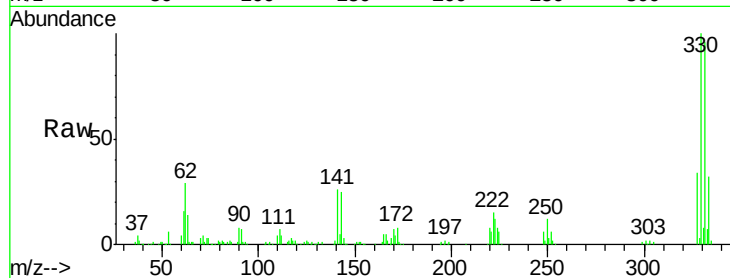
Tgt Ion:330 Resp: 231513

Ion Ratio Lower Upper

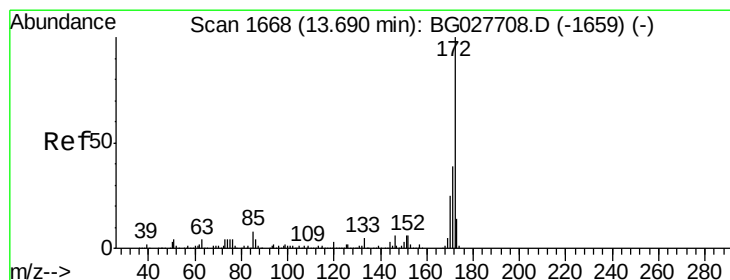
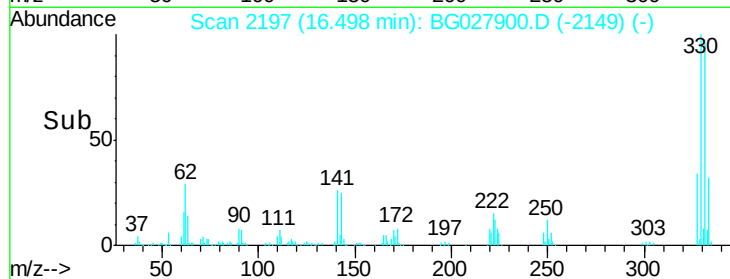
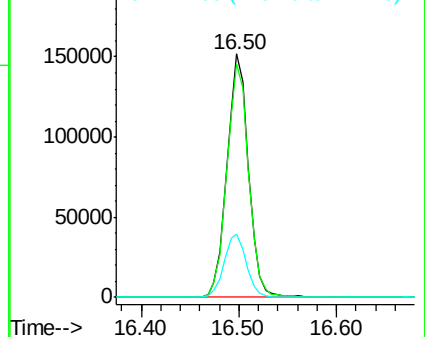
330 100

332 97.5 77.3 115.9

141 26.9 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: 99.036 ng

RT: 13.64 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BG027900.D

Acq: 10 Jul 2017 23:25

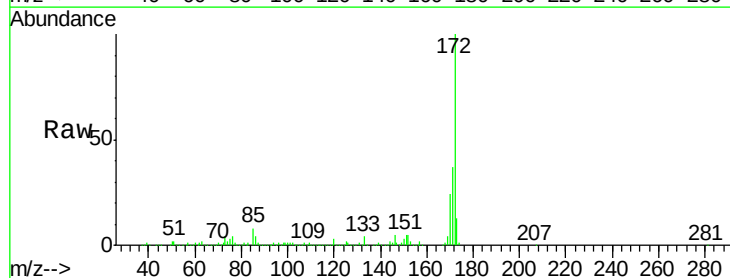
Tgt Ion:172 Resp: 645043

Ion Ratio Lower Upper

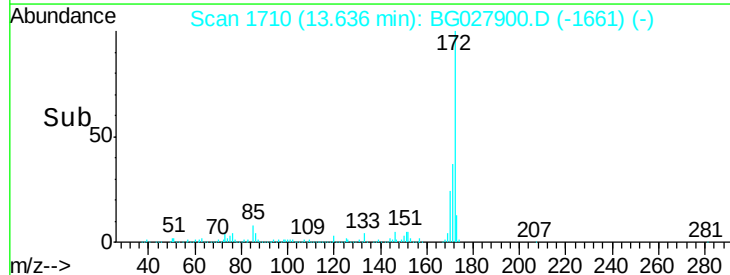
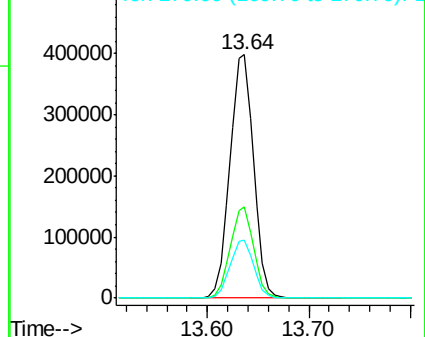
172 100

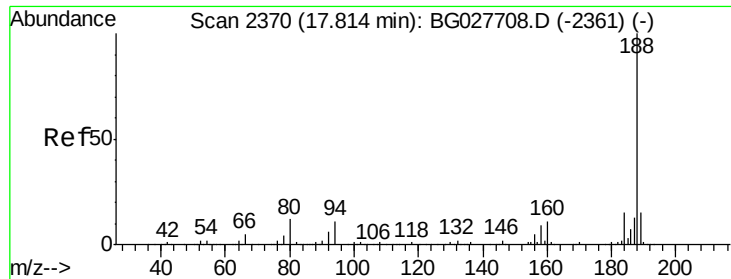
171 37.5 32.2 48.2

170 23.6 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

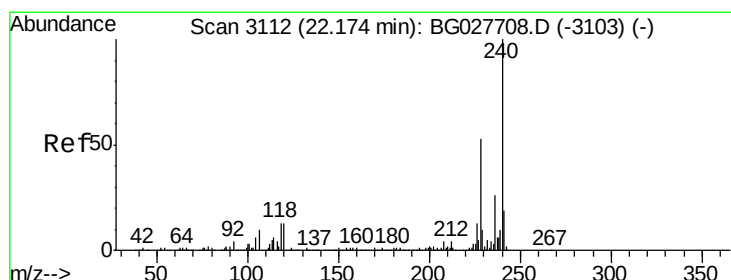
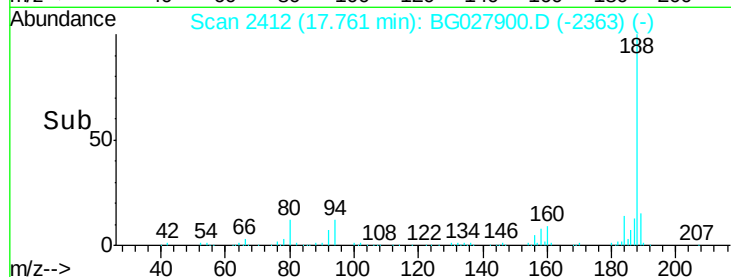
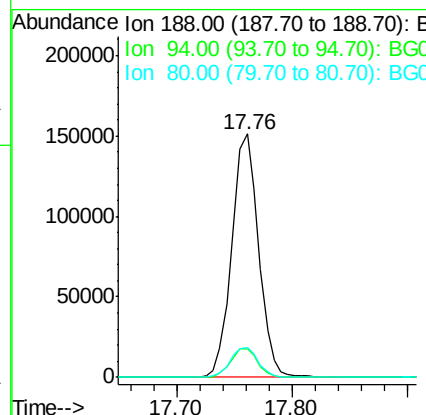
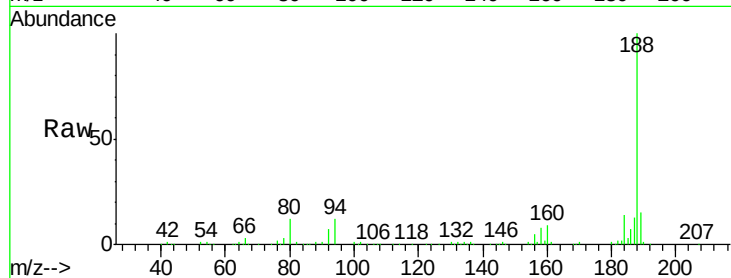




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.76 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG027900.D
Acq: 10 Jul 2017 23:25

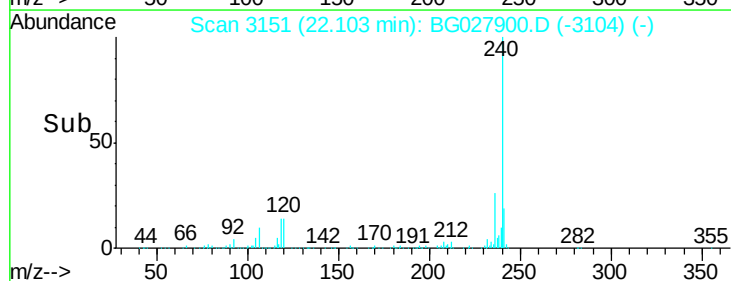
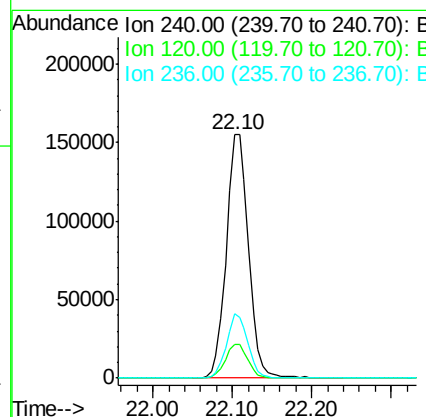
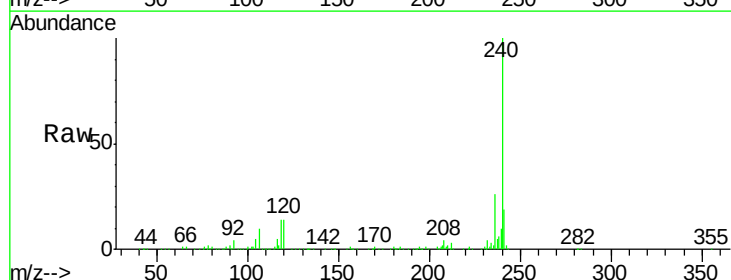
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BU-01-070617-B

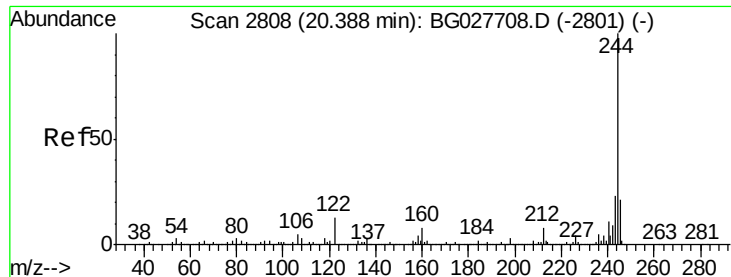
Tgt Ion:188 Resp: 243694
Ion Ratio Lower Upper
188 100
94 11.9 5.8 8.8#
80 12.2 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.10 min Scan# 3151
Delta R.T. -0.03 min
Lab File: BG027900.D
Acq: 10 Jul 2017 23:25

Tgt Ion:240 Resp: 299566
Ion Ratio Lower Upper
240 100
120 13.8 5.7 8.5#
236 26.5 22.2 33.4

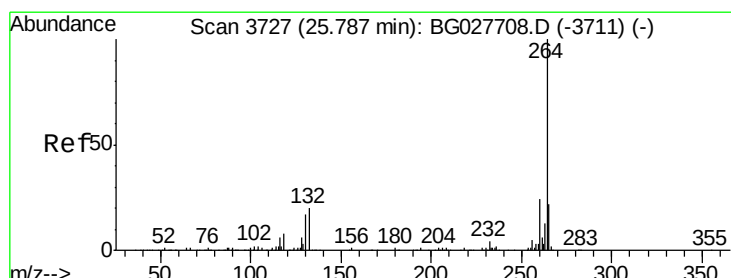
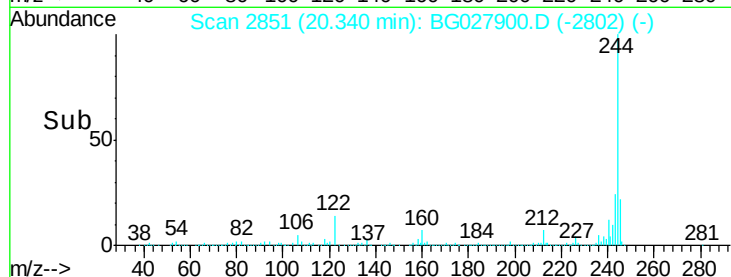
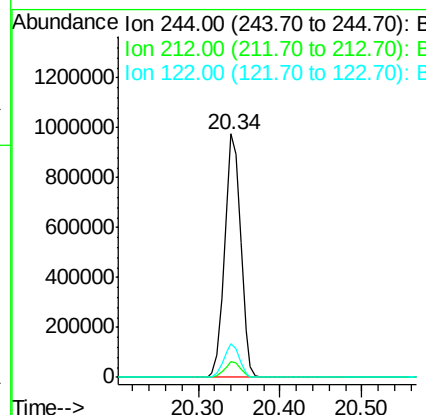
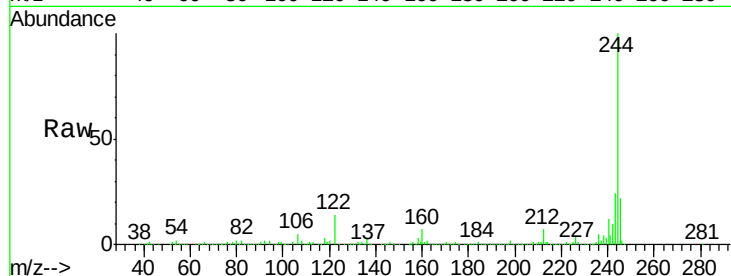




#78
 Terphenyl-d14
 Concen: 104.598 ng
 RT: 20.34 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BG027900.D
 Acq: 10 Jul 2017 23:25

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

Tgt Ion:244 Resp: 1336559
 Ion Ratio Lower Upper
 244 100
 212 6.7 10.0 15.0#
 122 14.0 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.66 min Scan# 3757
 Delta R.T. -0.04 min
 Lab File: BG027900.D
 Acq: 10 Jul 2017 23:25

Tgt Ion:264 Resp: 137393
 Ion Ratio Lower Upper
 264 100
 260 24.3 21.8 32.8
 265 20.2 18.2 27.4

