

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070117\
 Data File : BG027785.D
 Acq On : 1 Jul 2017 15:52
 Operator : SJ/JU
 Sample : I3991-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-062917-C

Quant Time: Jul 01 18:10:06 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	8.48	152	30754	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	149556	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	100655	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	256804	20.00	ng	0.00
75) Chrysene-d12	22.18	240	256901	20.00	ng	0.00
86) Perylene-d12	25.80	264	257161	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	248590	124.47	ng	0.00
7) Phenol-d6	7.62	99	314277	103.01	ng	0.00
23) Nitrobenzene-d5	9.65	82	227416	84.76	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	225746	163.51	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	604425	85.76	ng	0.00
78) Terphenyl-d14	20.39	244	1163827	106.21	ng	0.00

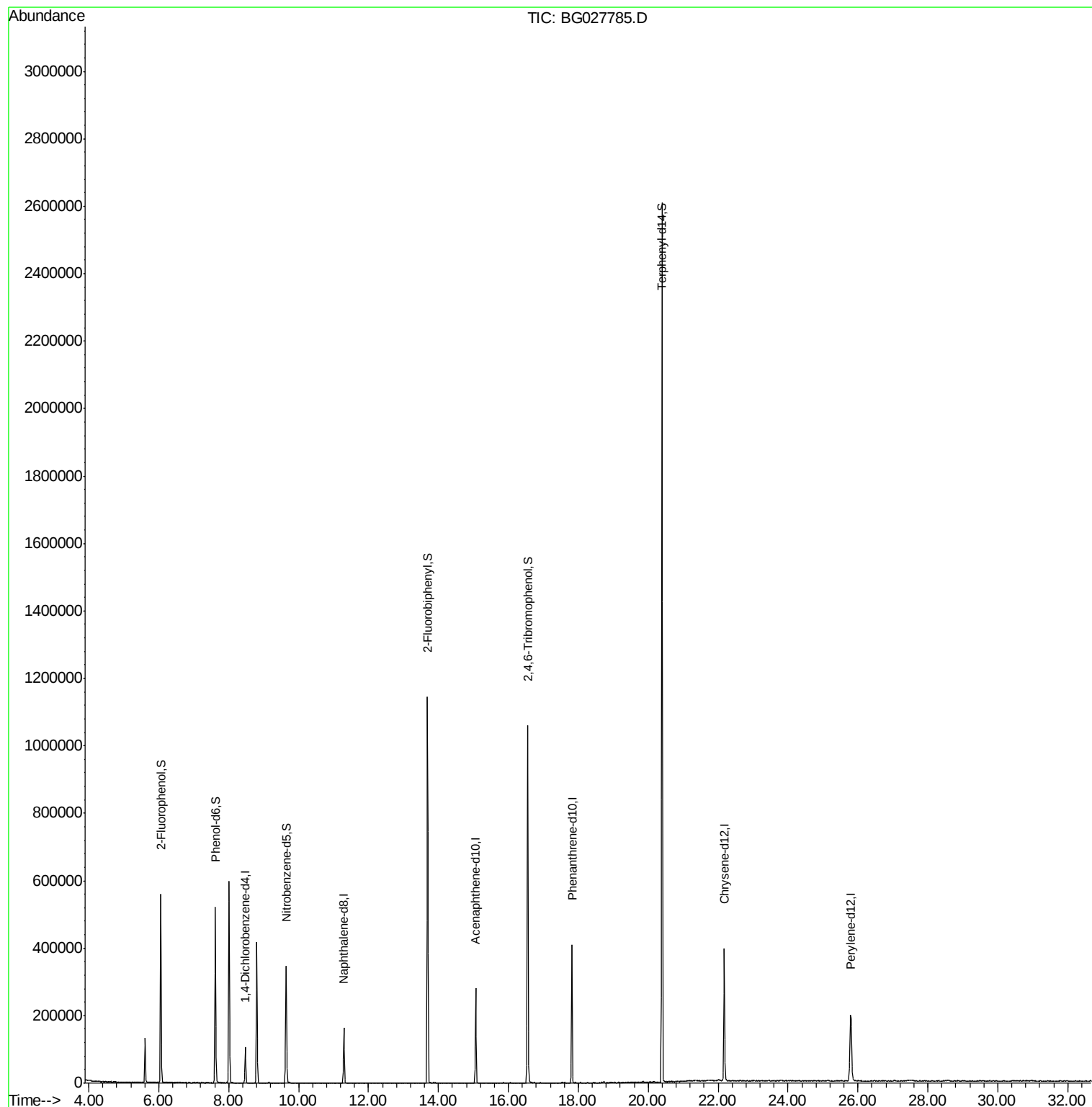
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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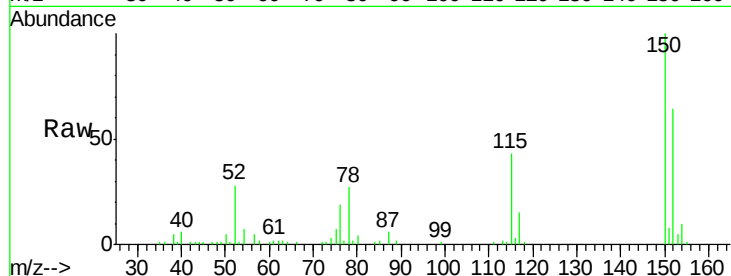


#1

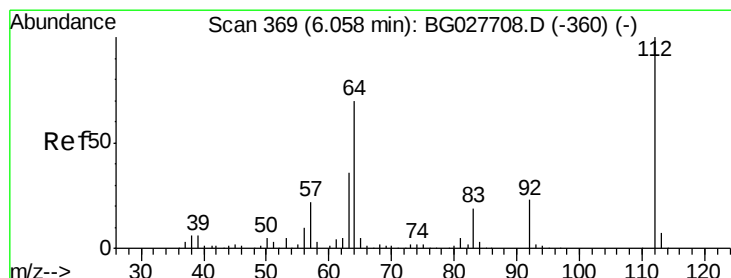
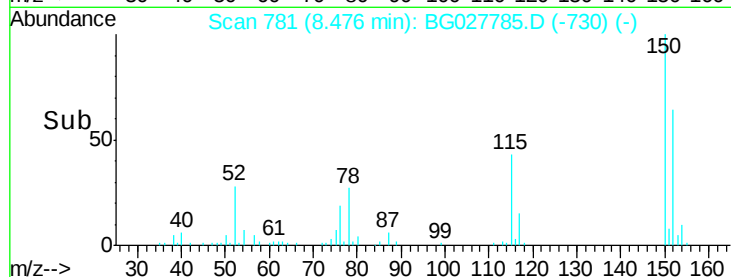
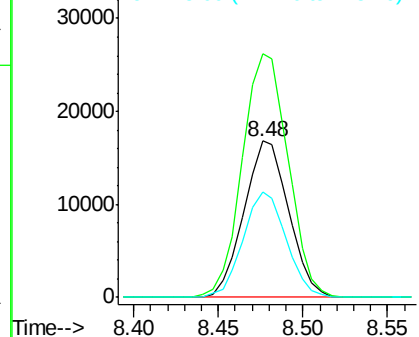
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027785.D
Acq: 1 Jul 2017 15:52

Instrument :
BNA_G
ClientSampleId :
HR-06-062917-C

Tgt Ion:152 Resp: 30754
Ion Ratio Lower Upper
152 100
150 155.8 114.0 171.0
115 67.8 48.1 72.1



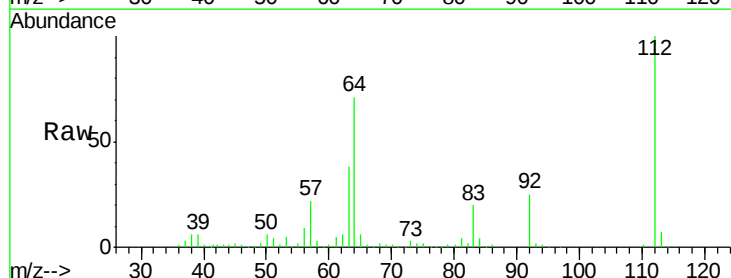
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



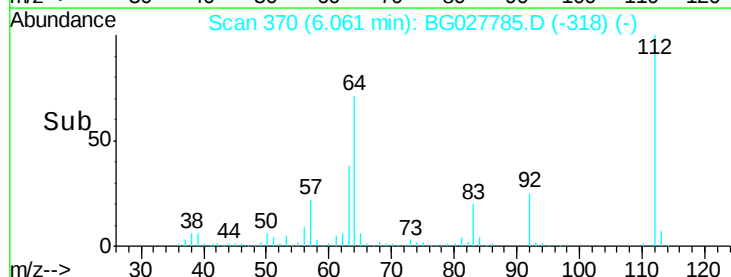
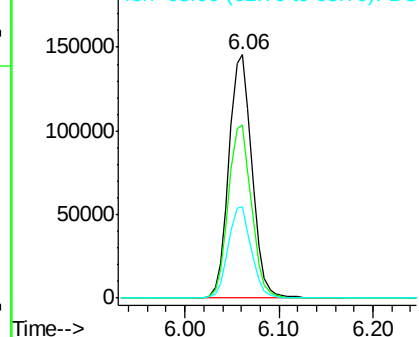
#5

2-Fluorophenol
Concen: 124.474 ng
RT: 6.06 min Scan# 370
Delta R.T. 0.00 min
Lab File: BG027785.D
Acq: 1 Jul 2017 15:52

Tgt Ion:112 Resp: 248590
Ion Ratio Lower Upper
112 100
64 70.9 61.8 92.6
63 37.6 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: 103.008 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027785.D

Acq: 1 Jul 2017 15:52

Instrument :

BNA_G

ClientSampleId :

HR-06-062917-C

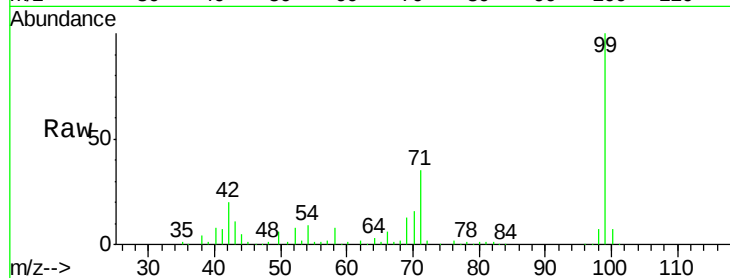
Tgt Ion: 99 Resp: 314277

Ion Ratio Lower Upper

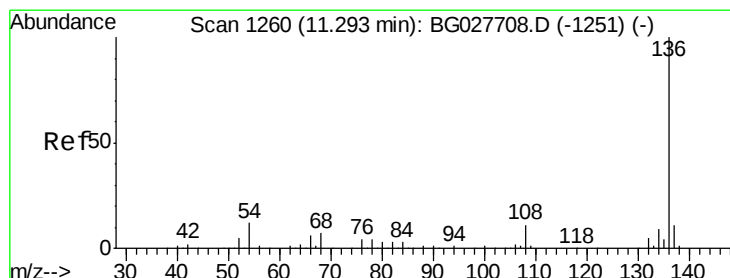
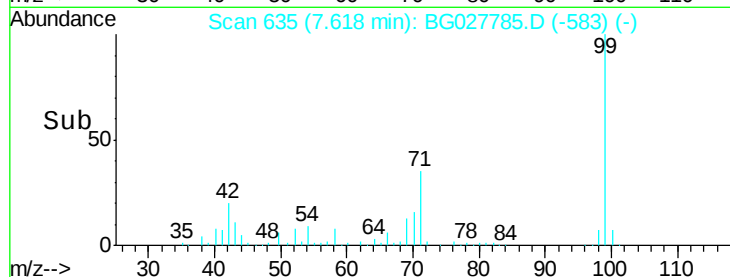
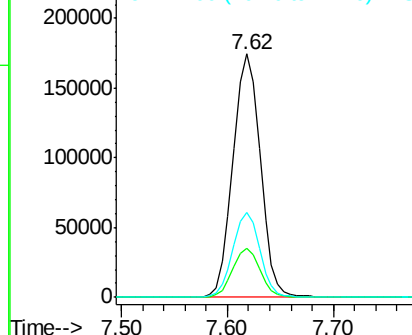
99 100

42 20.1 20.5 30.7#

71 35.0 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: 11.30 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG027785.D

Acq: 1 Jul 2017 15:52

Tgt Ion: 136 Resp: 149556

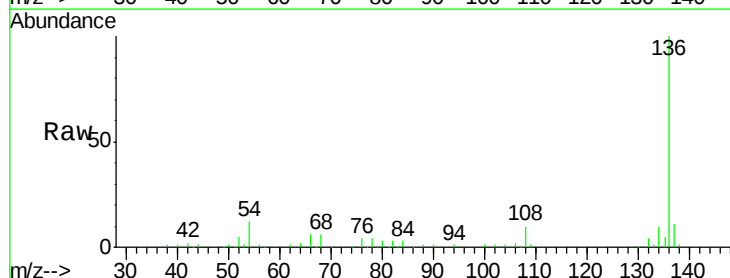
Ion Ratio Lower Upper

136 100

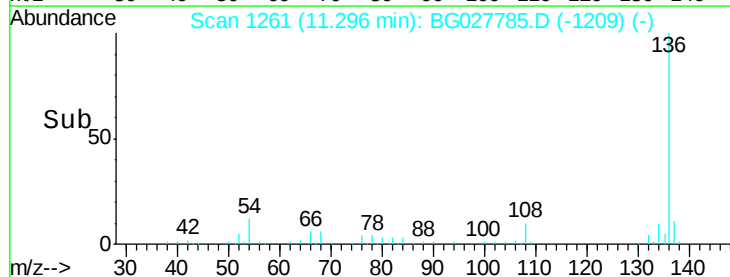
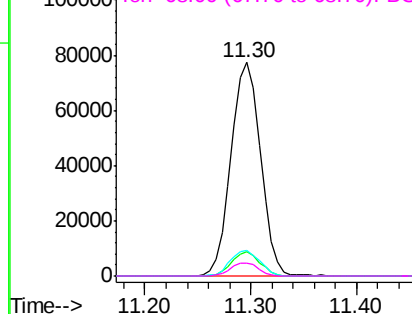
137 11.3 8.9 13.3

54 12.1 9.3 13.9

68 6.0 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

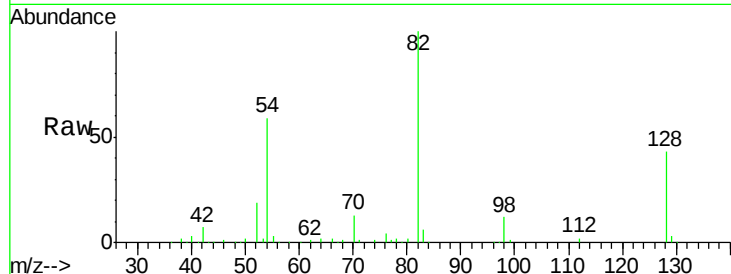




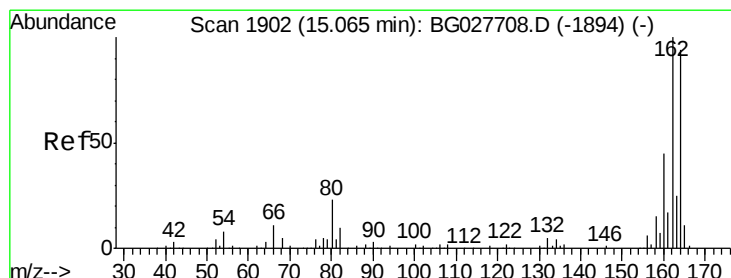
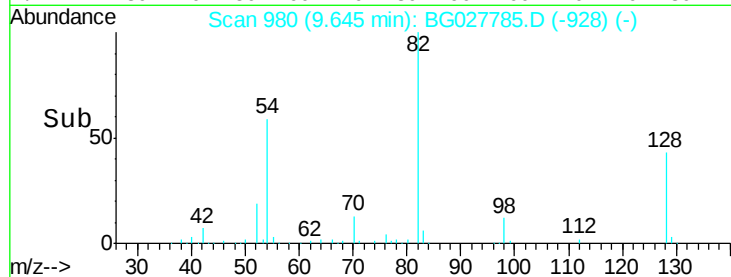
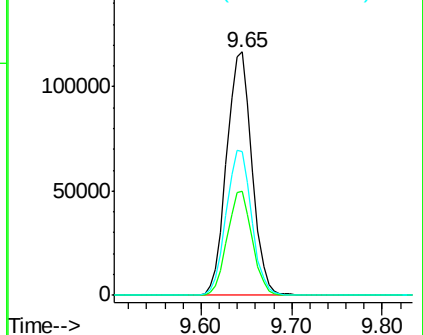
#23
 Nitrobenzene-d5
 Concen: 84.760 ng
 RT: 9.65 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BG027785.D
 Acq: 1 Jul 2017 15:52

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-062917-C

Tgt Ion: 82 Resp: 227416
 Ion Ratio Lower Upper
 82 100
 128 42.7 26.4 39.6#
 54 59.3 49.4 74.2

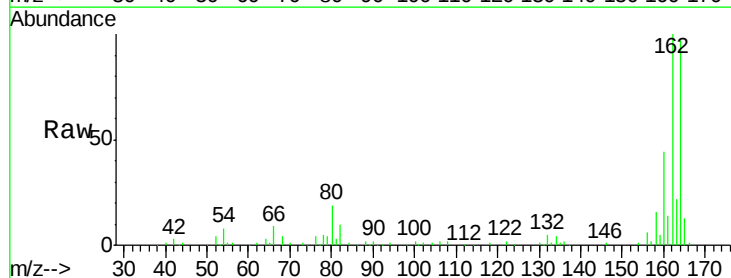


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

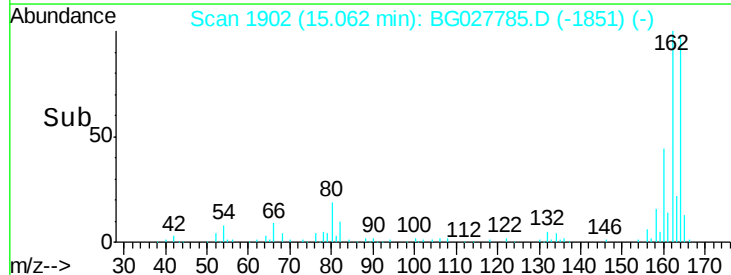
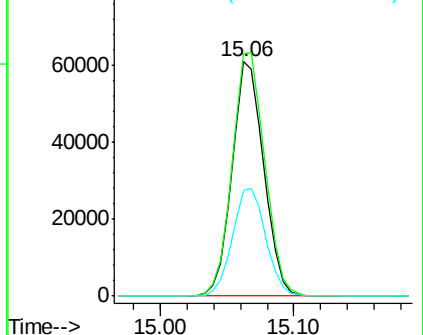


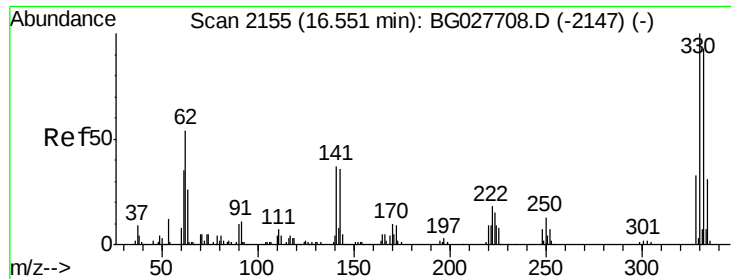
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.06 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG027785.D
 Acq: 1 Jul 2017 15:52

Tgt Ion: 164 Resp: 100655
 Ion Ratio Lower Upper
 164 100
 162 103.2 85.1 127.7
 160 45.2 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

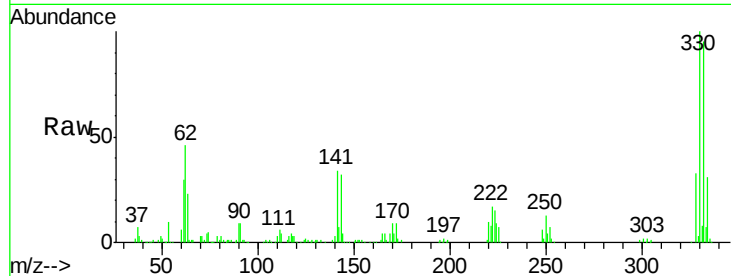




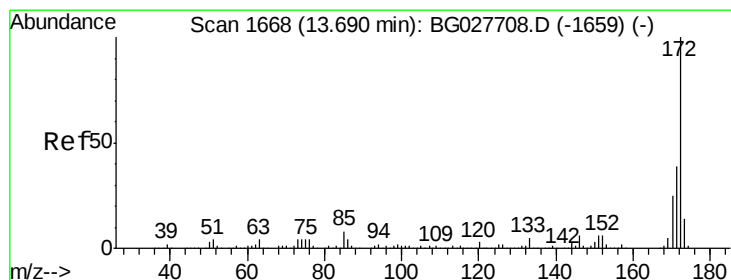
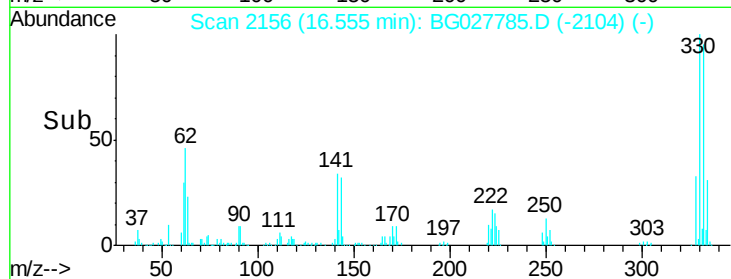
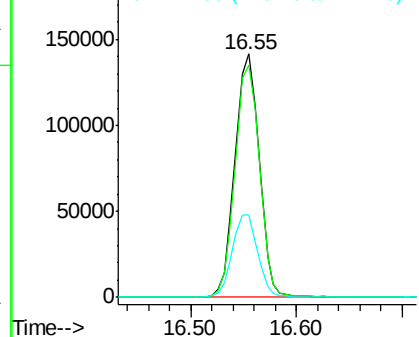
#41
 2,4,6-Tribromophenol
 Concen: 163.514 ng
 RT: 16.55 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BG027785.D
 Acq: 1 Jul 2017 15:52

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-062917-C

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	35.5	32.1	48.1

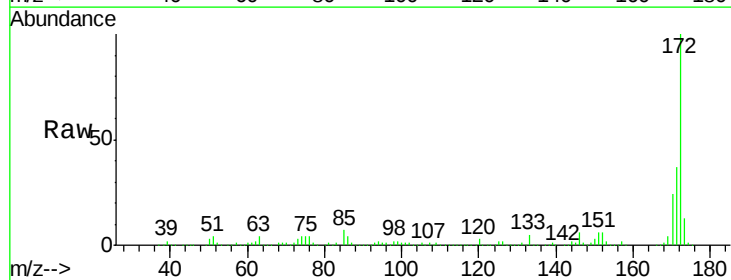


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

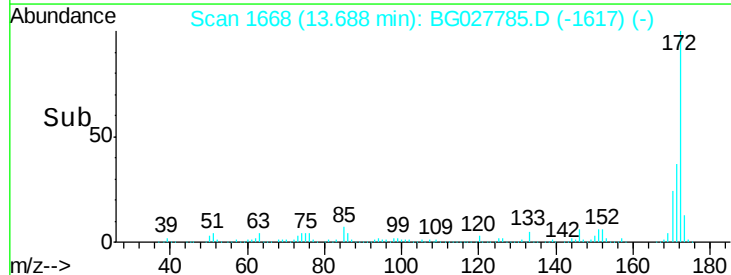
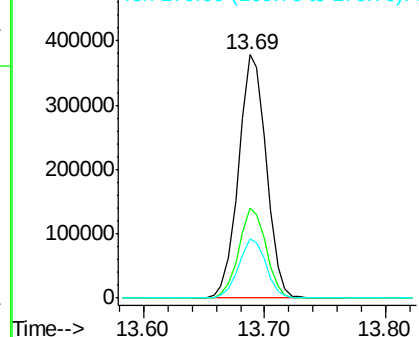


#44
 2-Fluorobiphenyl
 Concen: 85.760 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027785.D
 Acq: 1 Jul 2017 15:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	24.4	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

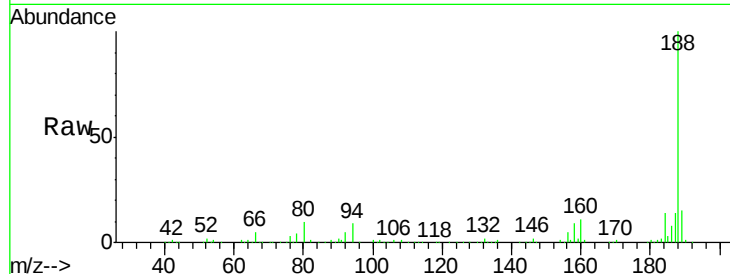




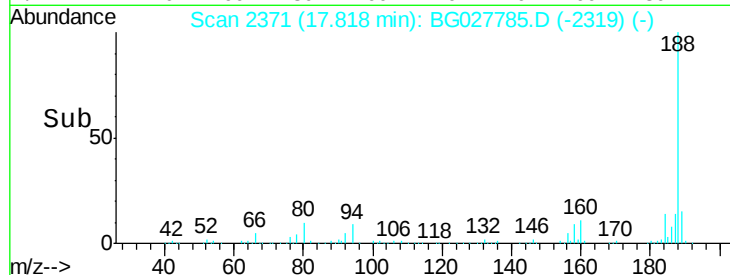
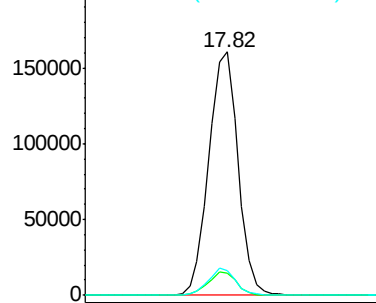
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.82 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BG027785.D
Acq: 1 Jul 2017 15:52

Instrument :
BNA_G
ClientSampleId :
HR-06-062917-C

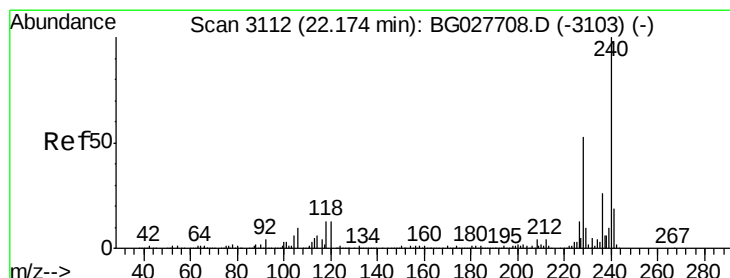
Tgt Ion:188 Resp: 256804
Ion Ratio Lower Upper
188 100
94 8.9 5.8 8.8#
80 10.4 7.5 11.3



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

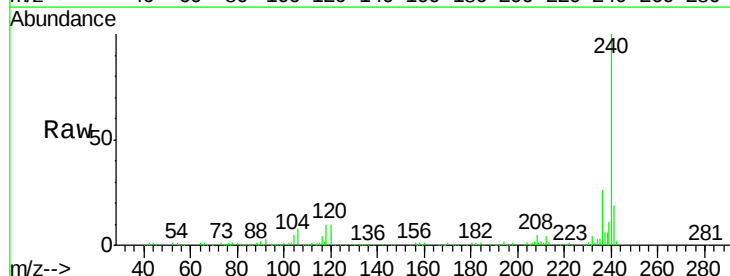


Time-->

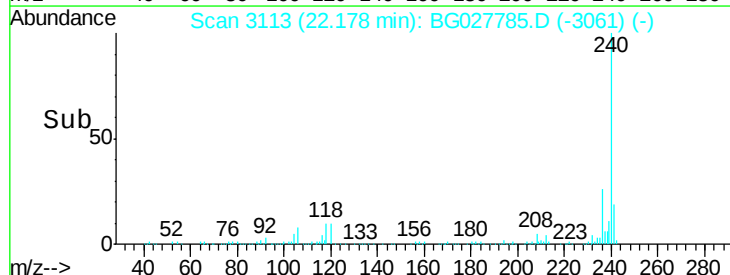
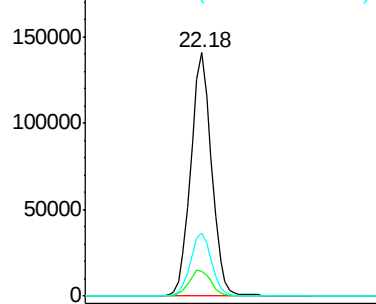


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.18 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BG027785.D
Acq: 1 Jul 2017 15:52

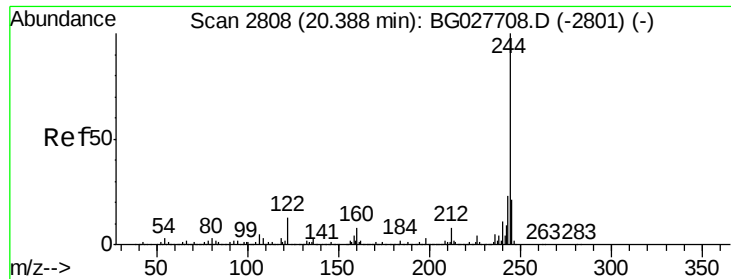
Tgt Ion:240 Resp: 256901
Ion Ratio Lower Upper
240 100
120 10.3 5.7 8.5#
236 25.9 22.2 33.4



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



Time-->



#78

Terphenyl-d14

Concen: 106.206 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG027785.D

Acq: 1 Jul 2017 15:52

Instrument :

BNA_G

ClientSampleId :

HR-06-062917-C

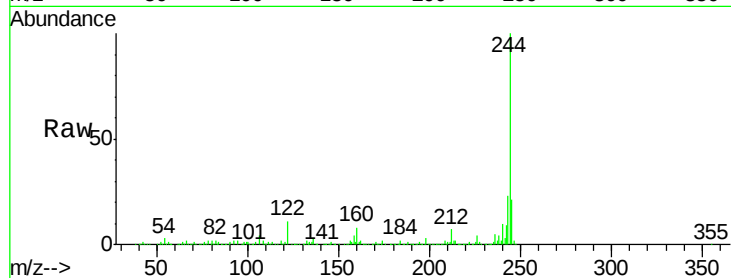
Tgt Ion:244 Resp: 1163827

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

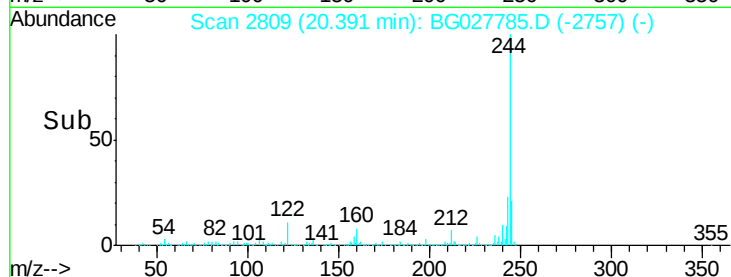
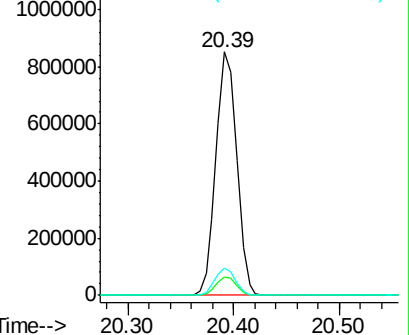
122 11.4 8.6 12.8



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: 25.80 min Scan# 3729

Delta R.T. 0.01 min

Lab File: BG027785.D

Acq: 1 Jul 2017 15:52

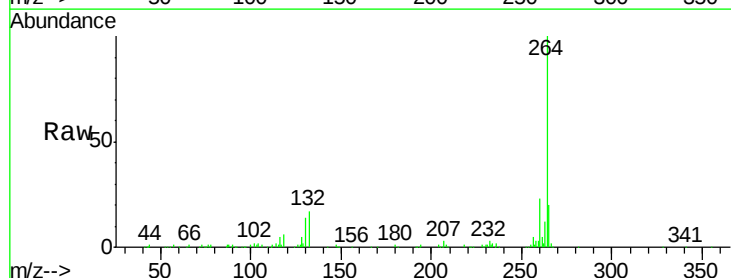
Tgt Ion:264 Resp: 257161

Ion Ratio Lower Upper

264 100

260 23.4 21.8 32.8

265 20.1 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

