

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070217\
 Data File : BG027815.D
 Acq On : 2 Jul 2017 12:35
 Operator : SJ/JU
 Sample : I3991-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jul 03 08:06:03 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	22975	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	107553	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	72552	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	232360	20.00	ng	0.00
75) Chrysene-d12	22.17	240	211750	20.00	ng	0.00
86) Perylene-d12	25.79	264	196810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	208029	139.43	ng	0.00
7) Phenol-d6	7.62	99	255539	112.11	ng	0.00
23) Nitrobenzene-d5	9.64	82	192361	99.69	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	242768	243.96	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	551400	108.54	ng	0.00
78) Terphenyl-d14	20.39	244	1217689	134.82	ng	0.00

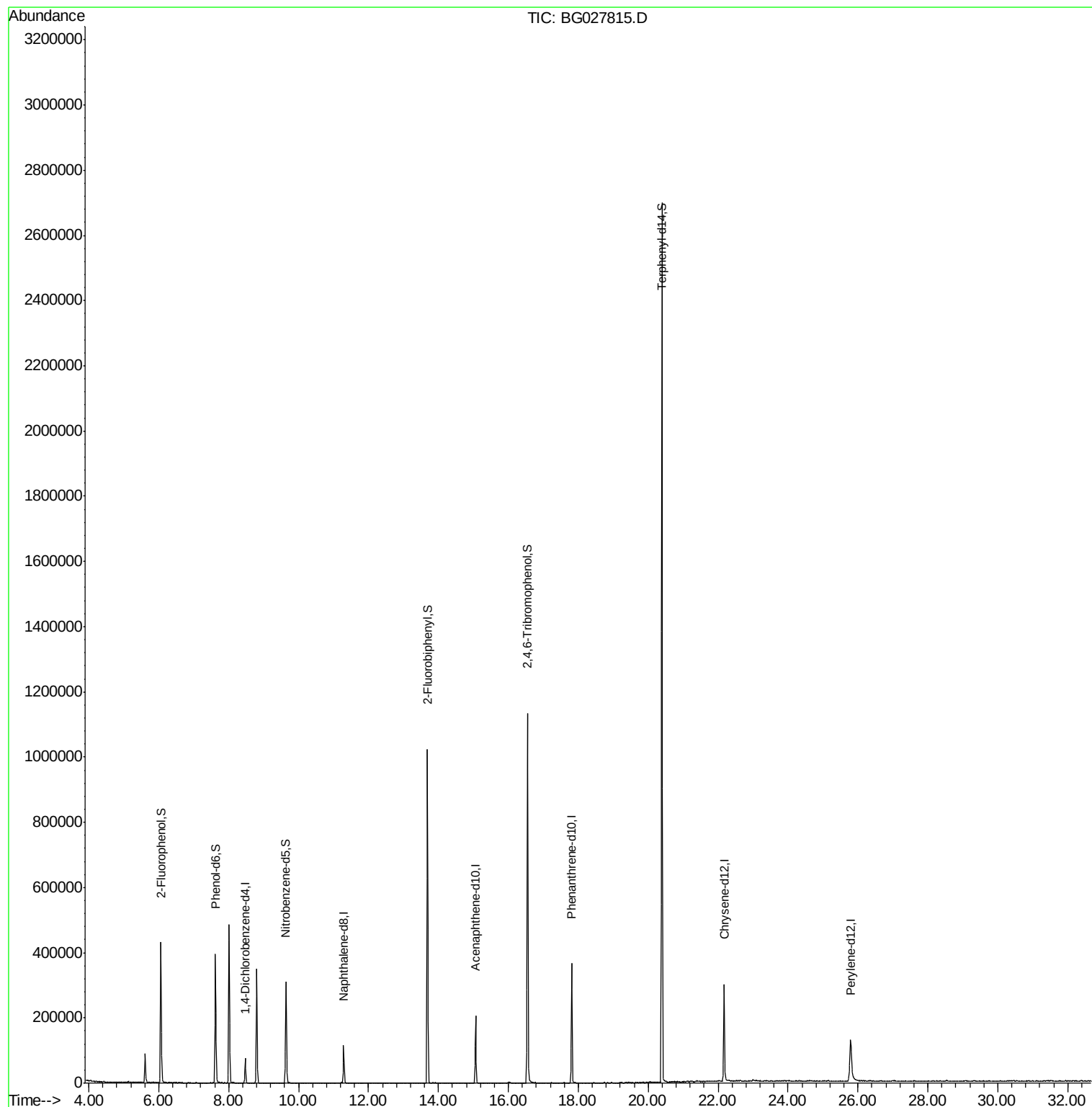
Target Compounds	Qvalue
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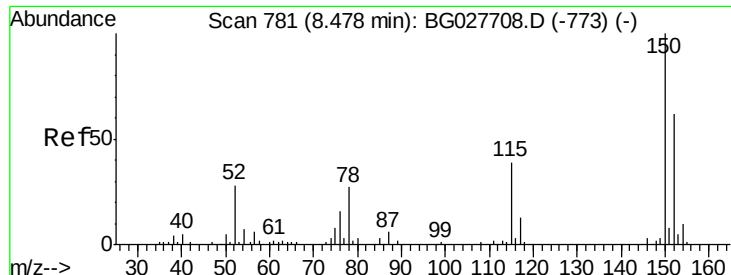
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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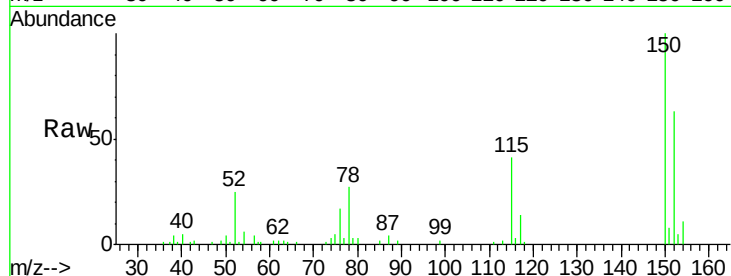




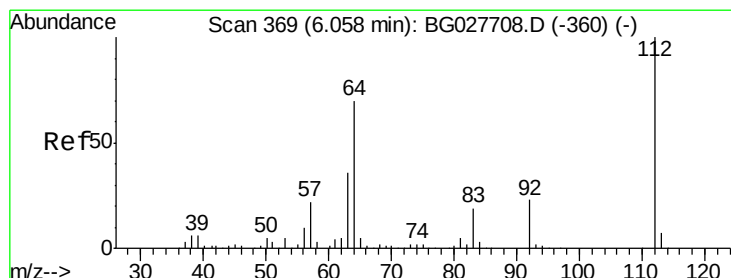
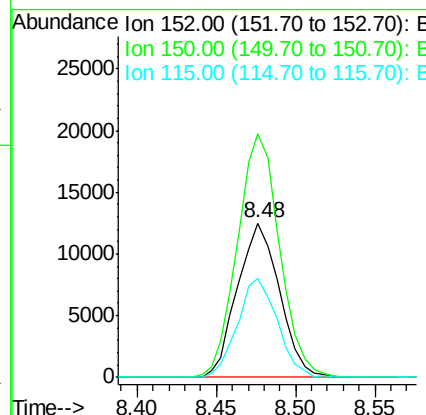
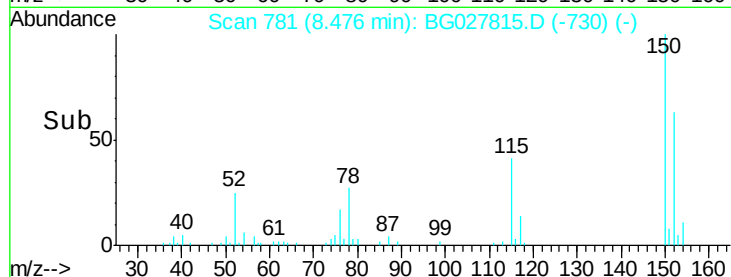
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.48 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BG027815.D
 Acq: 2 Jul 2017 12:35

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

Tgt Ion:152 Resp: 22975
 Ion Ratio Lower Upper
 152 100
 150 157.5 114.0 171.0
 115 64.1 48.1 72.1

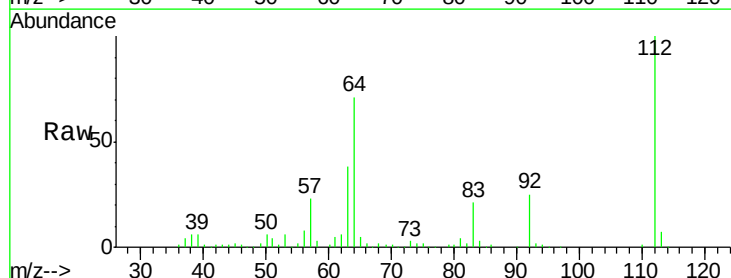


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

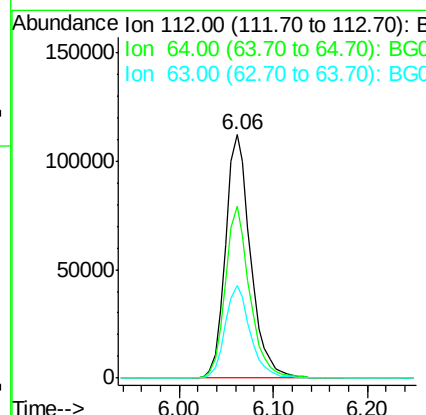
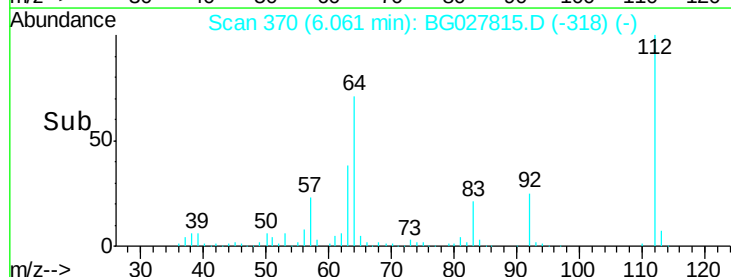


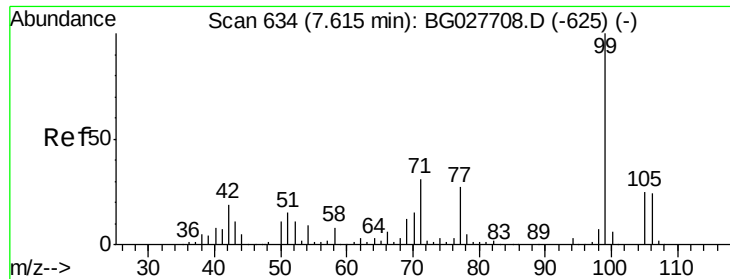
#5
 2-Fluorophenol
 Concen: 139.432 ng
 RT: 6.06 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BG027815.D
 Acq: 2 Jul 2017 12:35

Tgt Ion:112 Resp: 208029
 Ion Ratio Lower Upper
 112 100
 64 70.6 61.8 92.6
 63 37.9 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: 112.114 ng

RT: 7.62 min Scan# 636

Delta R.T. 0.01 min

Lab File: BG027815.D

Acq: 2 Jul 2017 12:35

Instrument :

BNA_G

ClientSampleId :

HR-06-062917-A

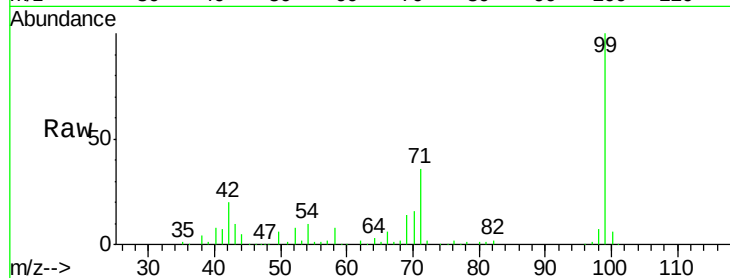
Tgt Ion: 99 Resp: 255539

Ion Ratio Lower Upper

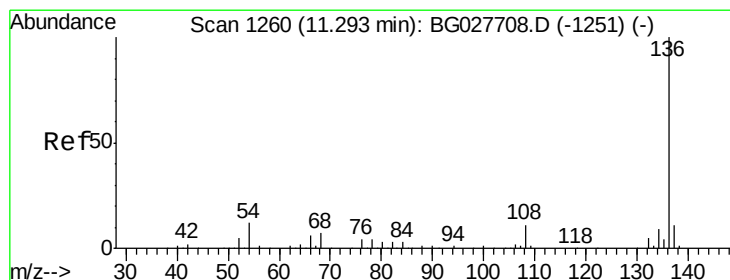
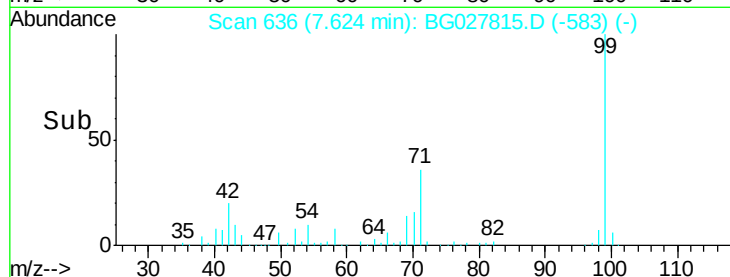
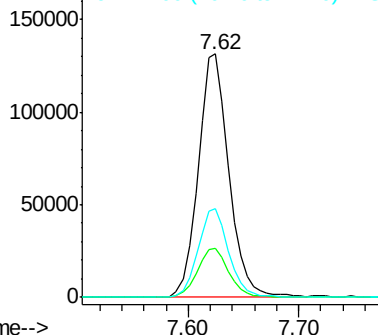
99 100

42 20.3 20.5 30.7#

71 36.2 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: 11.29 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG027815.D

Acq: 2 Jul 2017 12:35

Tgt Ion: 136 Resp: 107553

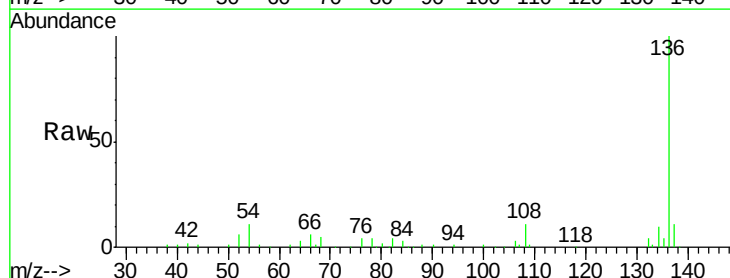
Ion Ratio Lower Upper

136 100

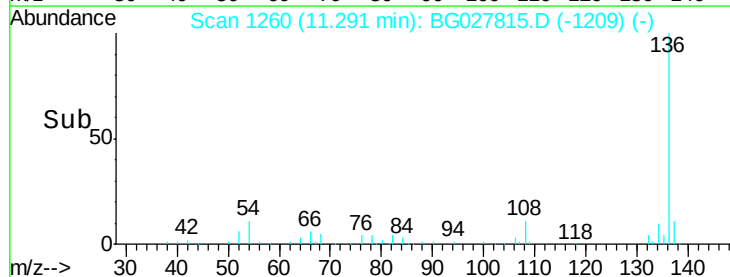
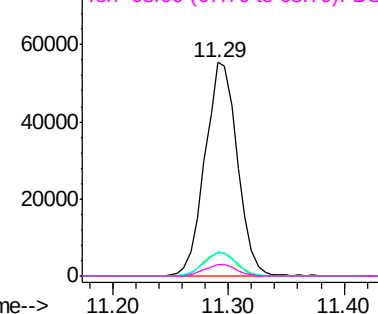
137 10.8 8.9 13.3

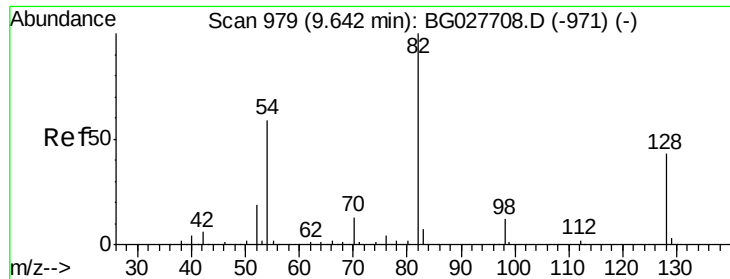
54 11.3 9.3 13.9

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

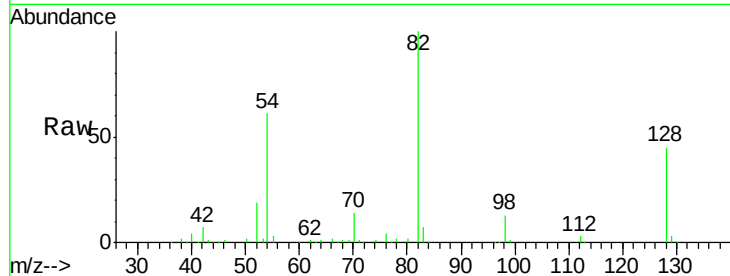




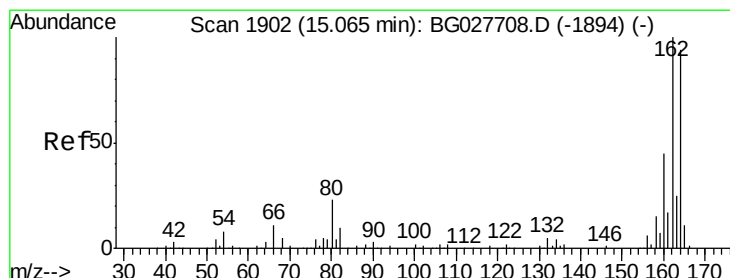
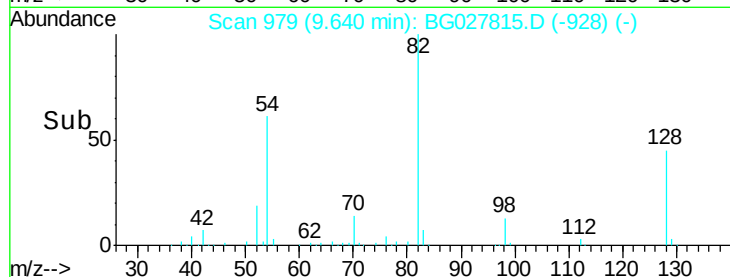
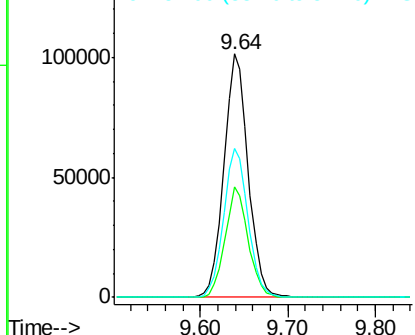
#23
 Nitrobenzene-d5
 Concen: 99.694 ng
 RT: 9.64 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BG027815.D
 Acq: 2 Jul 2017 12:35

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

Tgt Ion: 82 Resp: 192361
 Ion Ratio Lower Upper
 82 100
 128 45.4 26.4 39.6#
 54 61.4 49.4 74.2

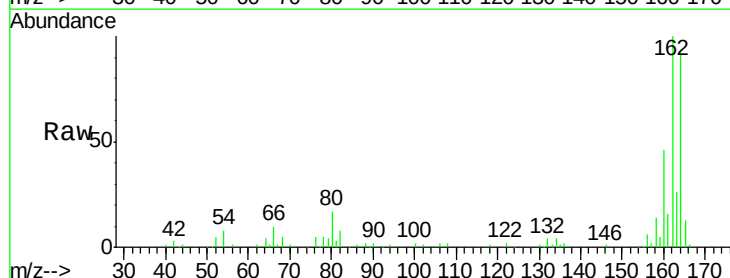


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

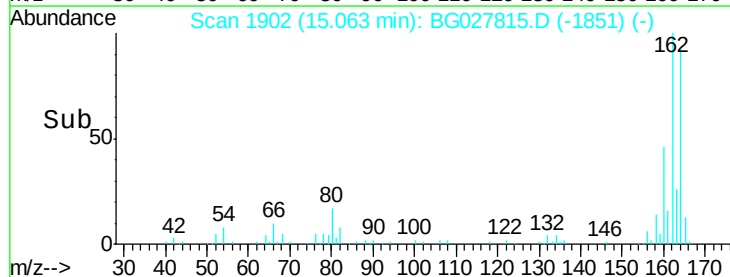
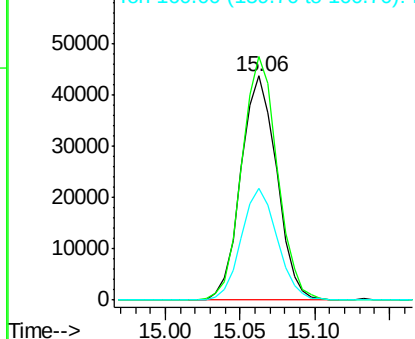


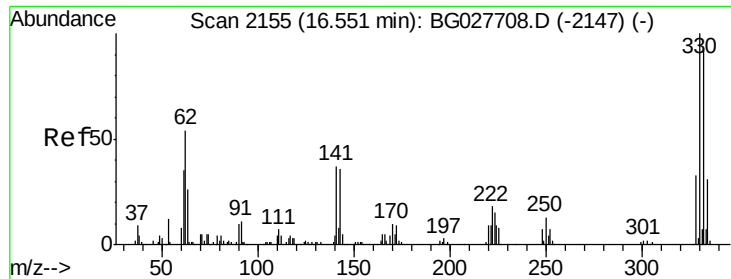
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.06 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG027815.D
 Acq: 2 Jul 2017 12:35

Tgt Ion: 164 Resp: 72552
 Ion Ratio Lower Upper
 164 100
 162 108.7 85.1 127.7
 160 49.9 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

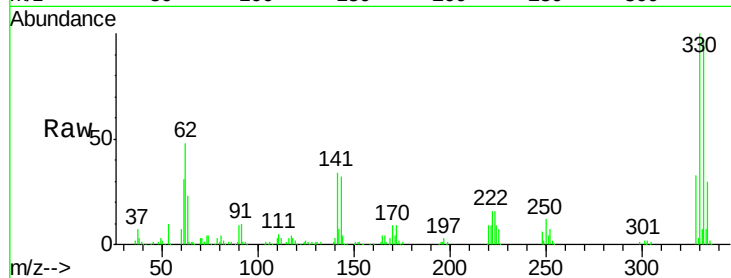




#41
 2,4,6-Tribromophenol
 Concen: 243.956 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027815.D
 Acq: 2 Jul 2017 12:35

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	34.0	32.1	48.1

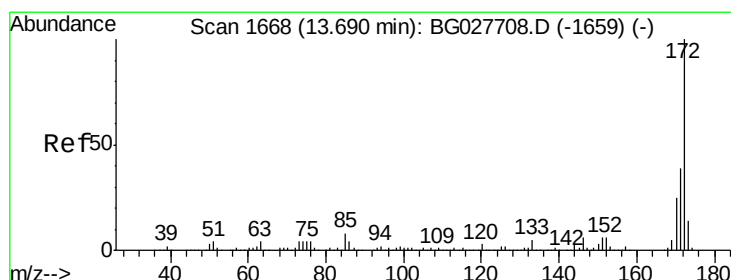
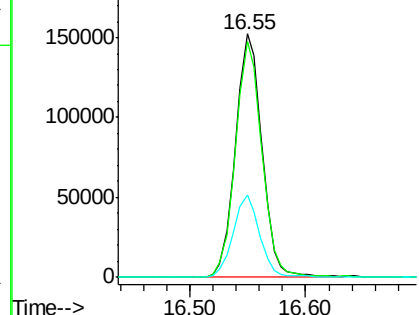
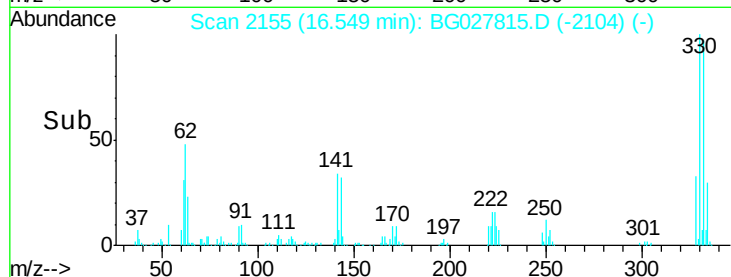


Abundance

Ion 329.80 (329.50 to 330.50): E

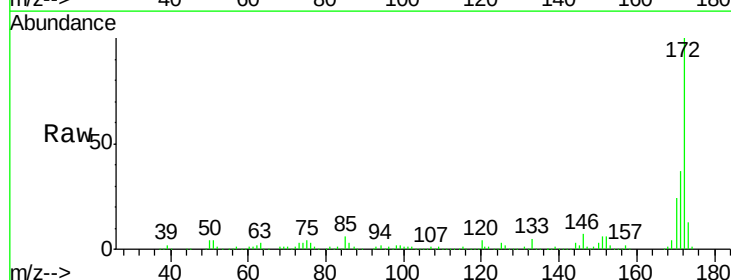
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 108.542 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027815.D
 Acq: 2 Jul 2017 12:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	32.2	48.2
170	24.0	21.8	32.6

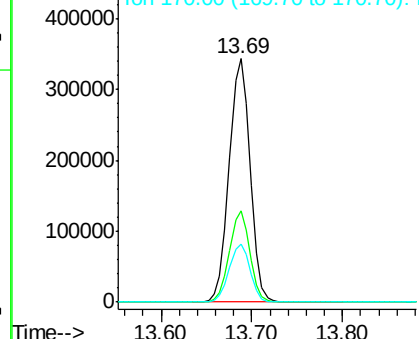
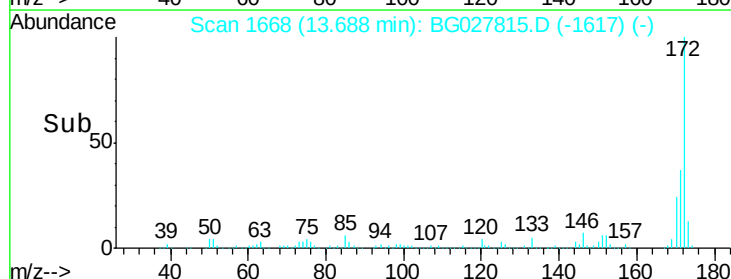


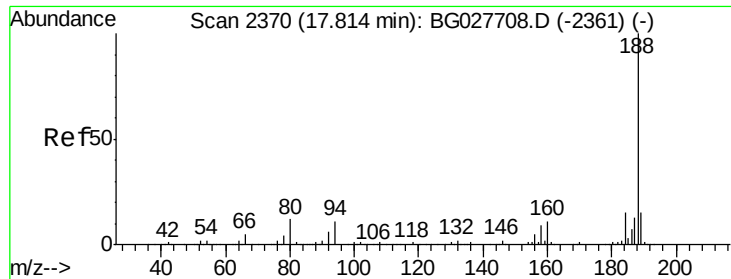
Abundance

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

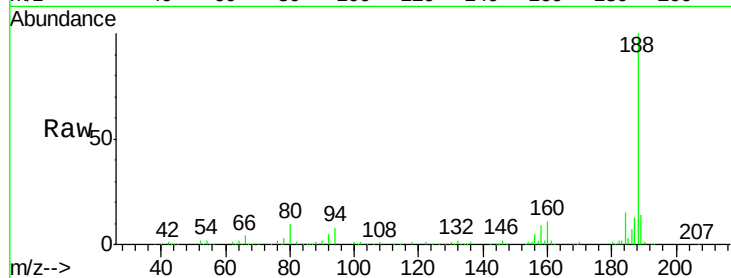




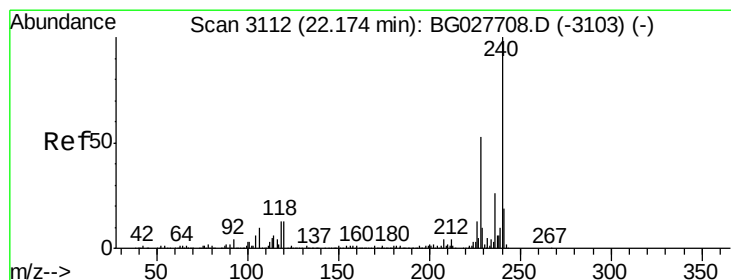
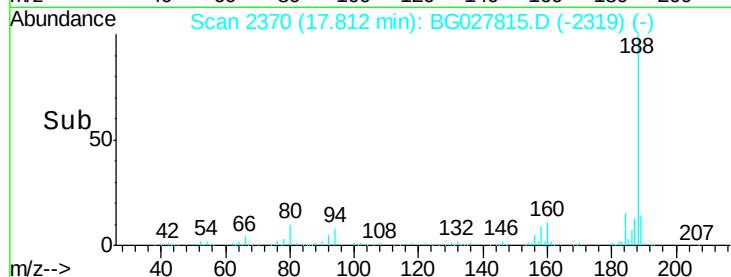
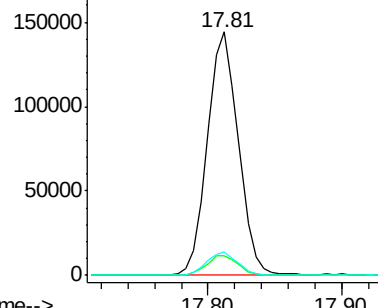
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027815.D
Acq: 2 Jul 2017 12:35

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

Tgt Ion:188 Resp: 232360
Ion Ratio Lower Upper
188 100
94 8.0 5.8 8.8
80 9.6 7.5 11.3

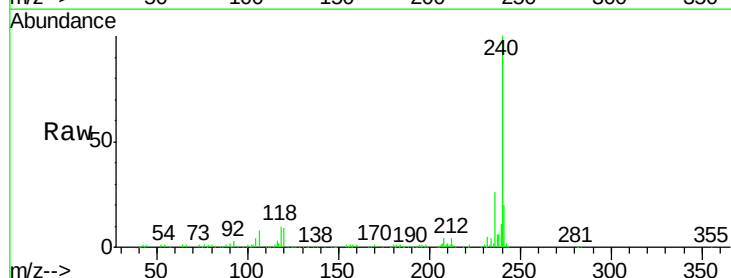


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

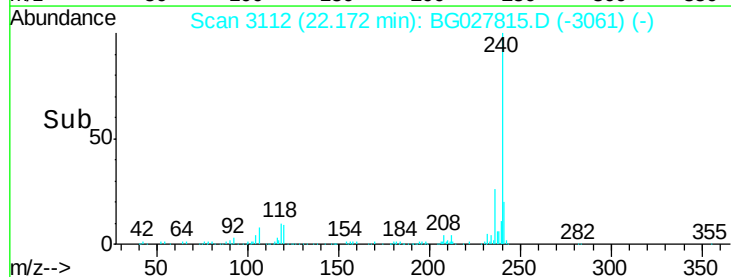
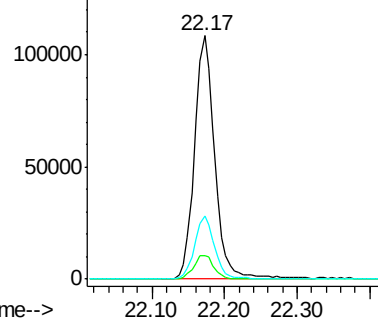


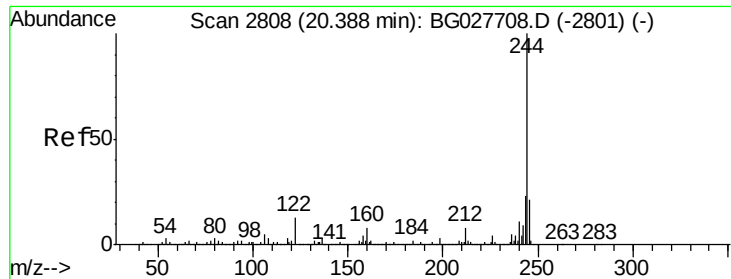
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.17 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG027815.D
Acq: 2 Jul 2017 12:35

Tgt Ion:240 Resp: 211750
Ion Ratio Lower Upper
240 100
120 9.4 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: 134.815 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG027815.D

Acq: 2 Jul 2017 12:35

Instrument :

BNA_G

ClientSampleId :

HR-06-062917-A

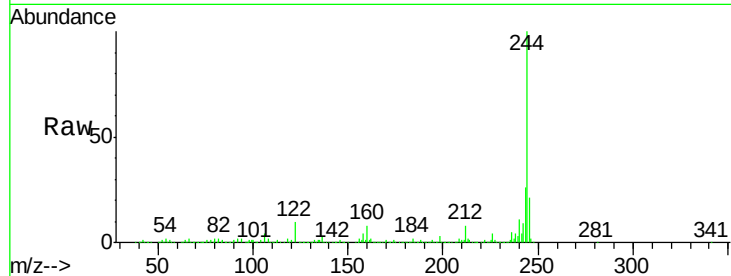
Tgt Ion:244 Resp: 1217689

Ion Ratio Lower Upper

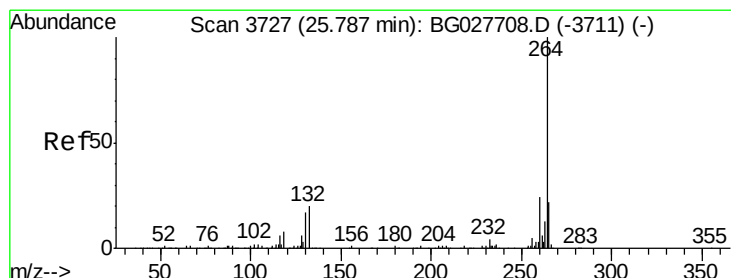
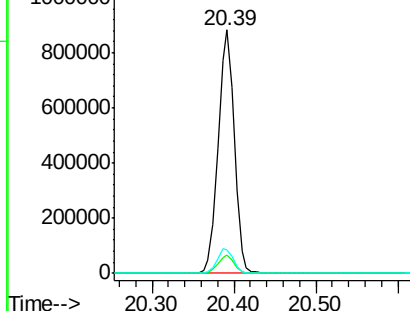
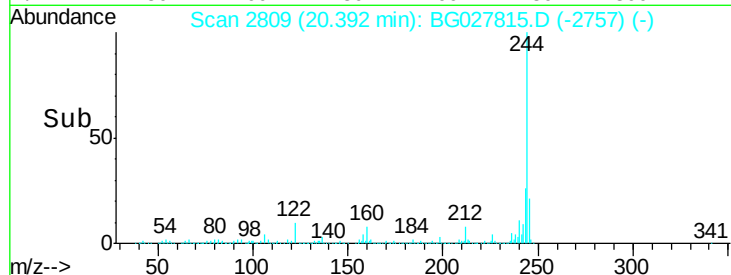
244 100

212 7.7 10.0 15.0#

122 9.9 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: 25.79 min Scan# 3728

Delta R.T. 0.00 min

Lab File: BG027815.D

Acq: 2 Jul 2017 12:35

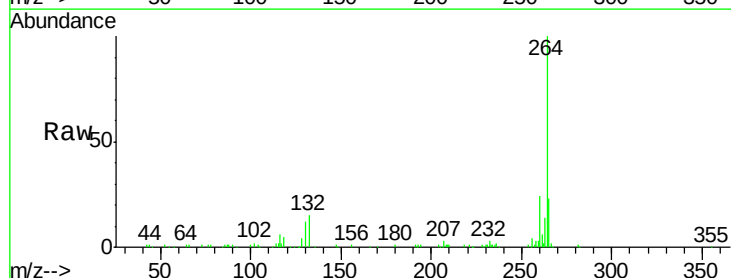
Tgt Ion:264 Resp: 196810

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 22.5 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

