

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070517\
 Data File : BG027859.D
 Acq On : 5 Jul 2017 22:27
 Operator : SJ/JU
 Sample : I4052-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-03-070317-C

Quant Time: Jul 06 04:45:34 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	25866	20.00	ng	-0.03
21) Naphthalene-d8	11.27	136	121357	20.00	ng	-0.03
38) Acenaphthene-d10	15.04	164	76684	20.00	ng	-0.03
63) Phenanthrene-d10	17.79	188	214681	20.00	ng	-0.03
75) Chrysene-d12	22.14	240	224137	20.00	ng	-0.04
86) Perylene-d12	25.72	264	103978	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	196410	116.93	ng	-0.03
7) Phenol-d6	7.60	99	235726	91.86	ng	-0.02
23) Nitrobenzene-d5	9.62	82	180516	82.91	ng	-0.03
41) 2,4,6-Tribromophenol	16.53	330	209023	198.73	ng	-0.03
44) 2-Fluorobiphenyl	13.66	172	490261	91.31	ng	-0.03
78) Terphenyl-d14	20.37	244	1093681	114.39	ng	-0.02

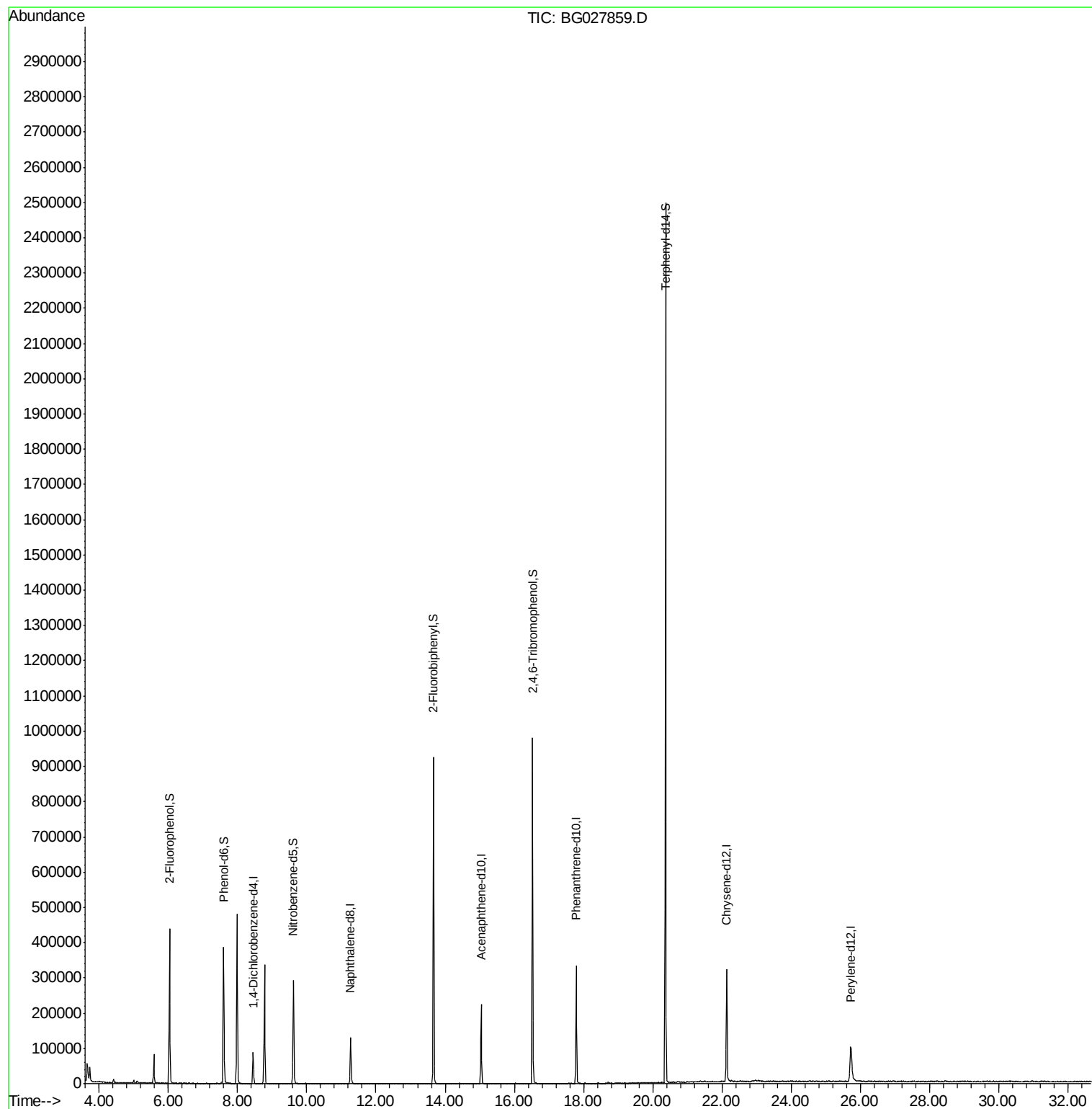
Target Compounds	Qvalue
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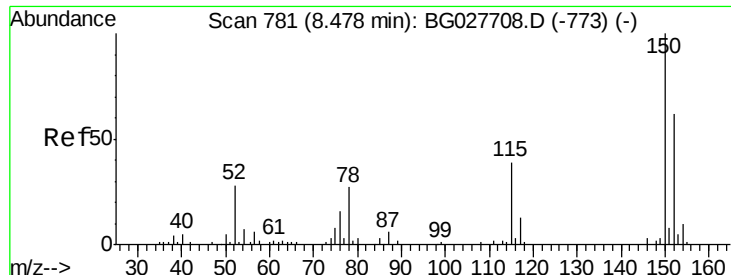
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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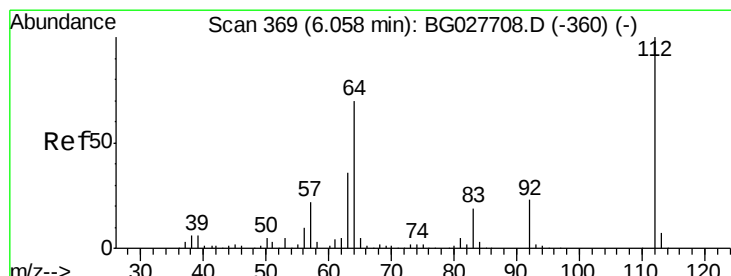
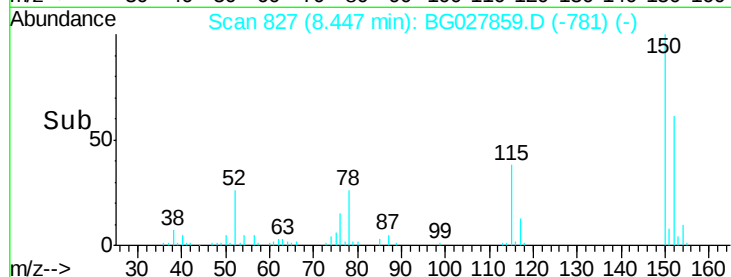
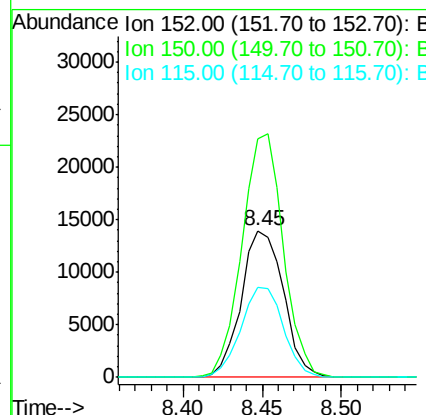
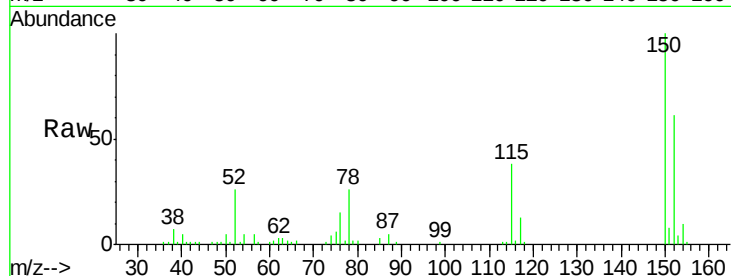


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 827
Delta R.T. -0.03 min
Lab File: BG027859.D
Acq: 5 Jul 2017 22:27

Instrument :
BNA_G
ClientSampleId :
HR-03-070317-C

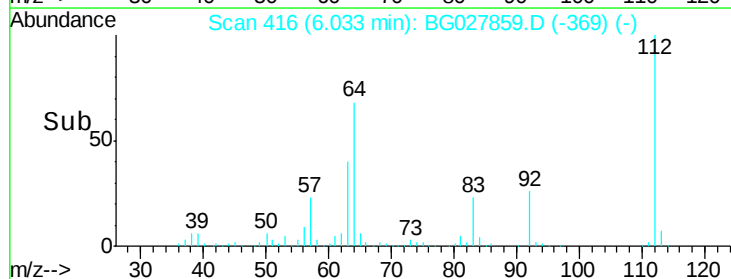
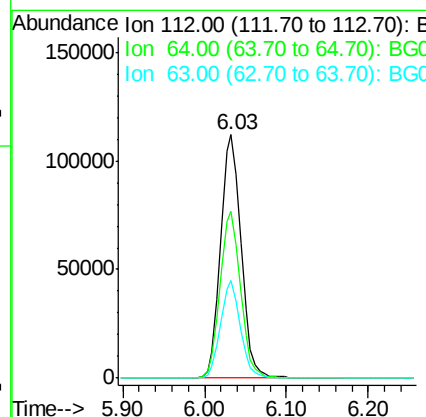
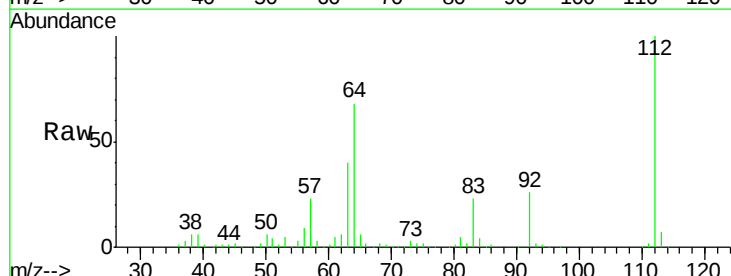
Tgt Ion:152 Resp: 25866
Ion Ratio Lower Upper
152 100
150 162.9 114.0 171.0
115 61.6 48.1 72.1

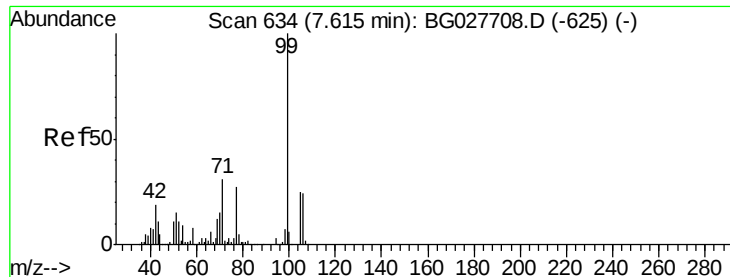


#5

2-Fluorophenol
Concen: 116.931 ng
RT: 6.03 min Scan# 416
Delta R.T. -0.03 min
Lab File: BG027859.D
Acq: 5 Jul 2017 22:27

Tgt Ion:112 Resp: 196410
Ion Ratio Lower Upper
112 100
64 68.3 61.8 92.6
63 40.2 37.2 55.8





#7

Phenol-d6

Concen: 91.862 ng

RT: 7.60 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027859.D

Acq: 5 Jul 2017 22:27

Instrument :

BNA_G

ClientSampleId :

HR-03-070317-C

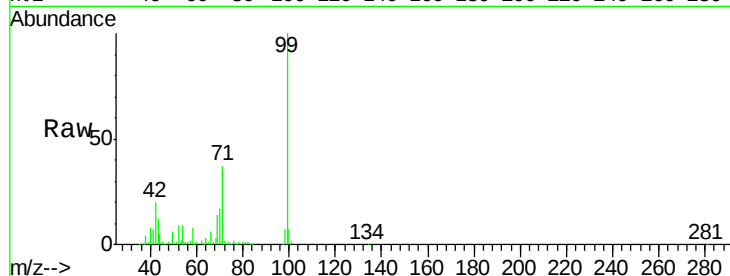
Tgt Ion: 99 Resp: 235726

Ion Ratio Lower Upper

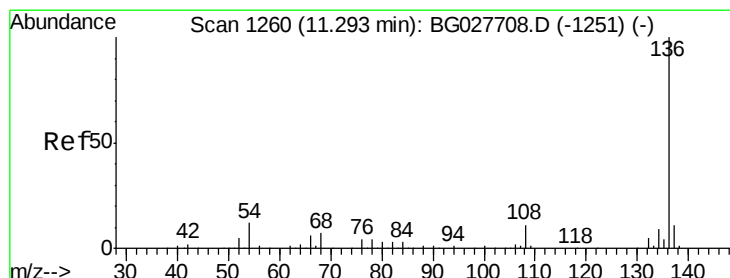
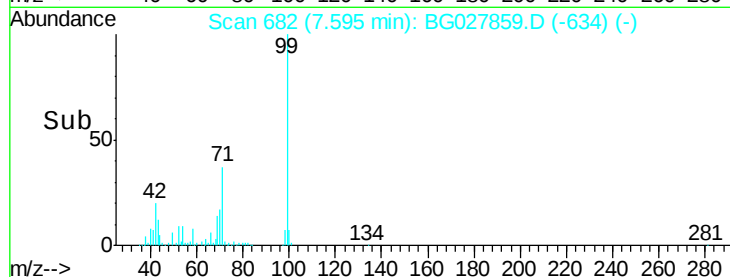
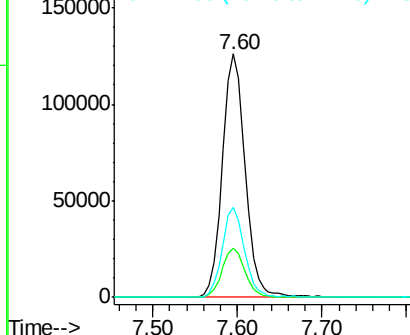
99 100

42 20.2 20.5 30.7#

71 37.0 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: 11.27 min Scan# 1307

Delta R.T. -0.03 min

Lab File: BG027859.D

Acq: 5 Jul 2017 22:27

Tgt Ion: 136 Resp: 121357

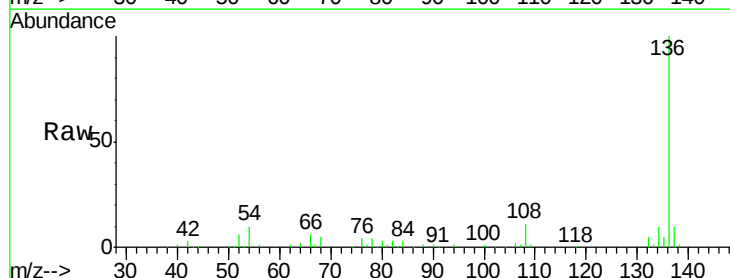
Ion Ratio Lower Upper

136 100

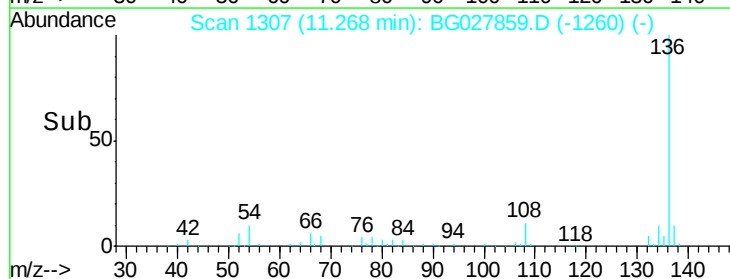
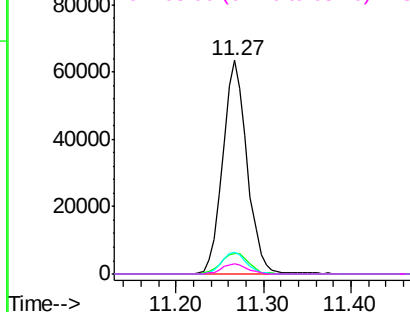
137 9.6 8.9 13.3

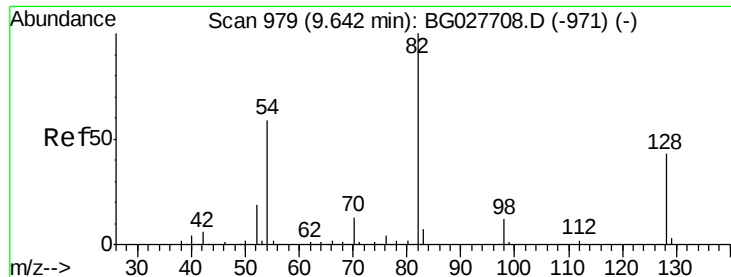
54 10.2 9.3 13.9

68 4.5 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

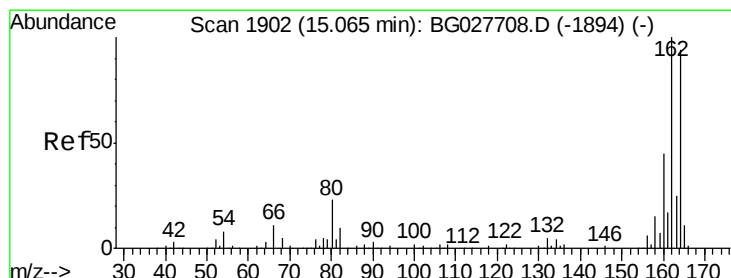
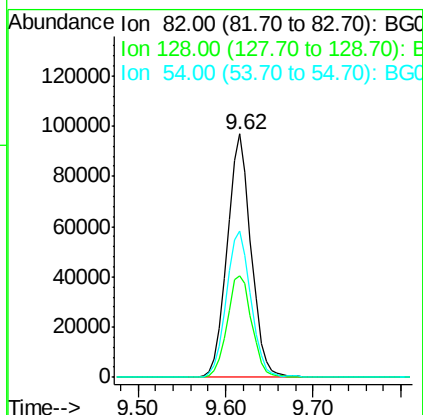
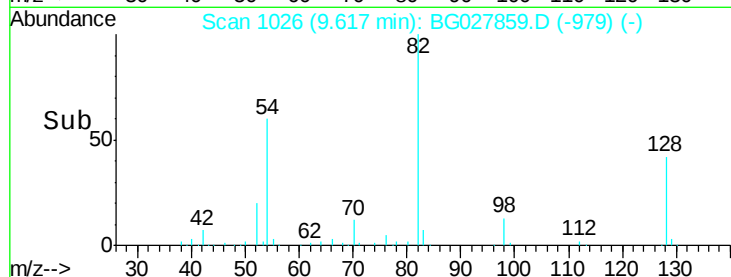
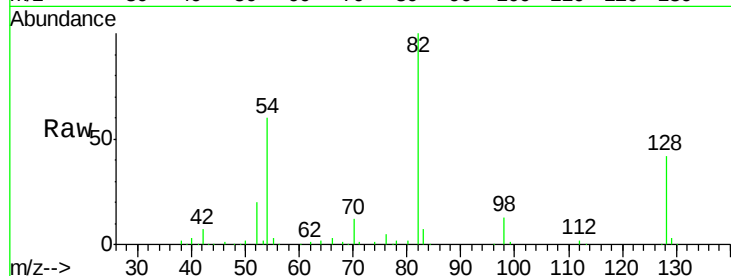




#23
 Nitrobenzene-d5
 Concen: 82.913 ng
 RT: 9.62 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BG027859.D
 Acq: 5 Jul 2017 22:27

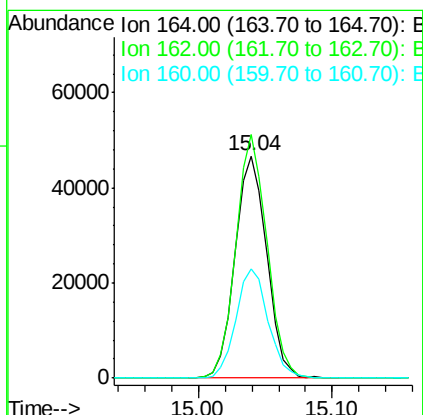
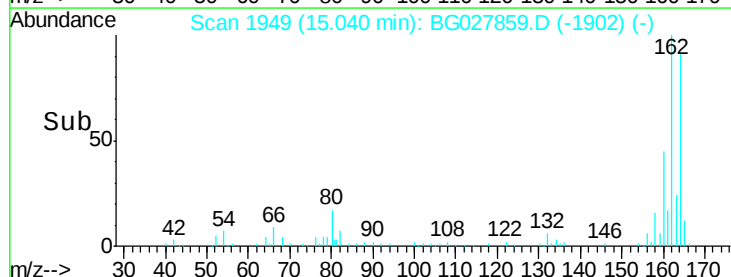
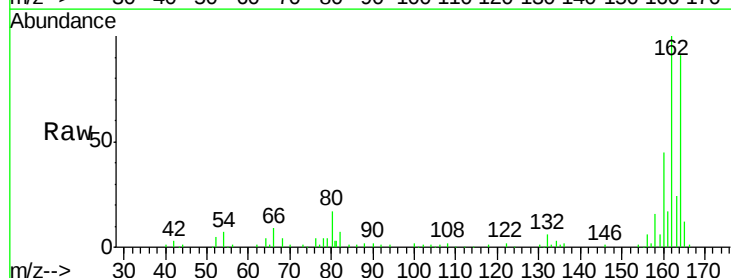
Instrument :
 BNA_G
 ClientSampleId :
 HR-03-070317-C

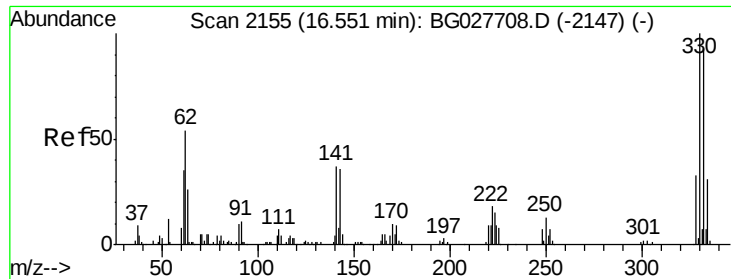
Tgt Ion: 82 Resp: 180516
 Ion Ratio Lower Upper
 82 100
 128 41.8 26.4 39.6#
 54 59.9 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.04 min Scan# 1949
 Delta R.T. -0.03 min
 Lab File: BG027859.D
 Acq: 5 Jul 2017 22:27

Tgt Ion: 164 Resp: 76684
 Ion Ratio Lower Upper
 164 100
 162 109.8 85.1 127.7
 160 49.0 34.7 52.1

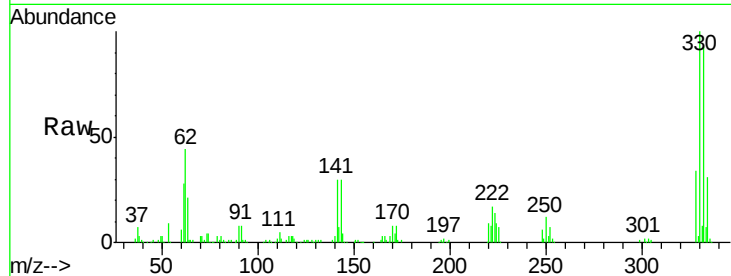




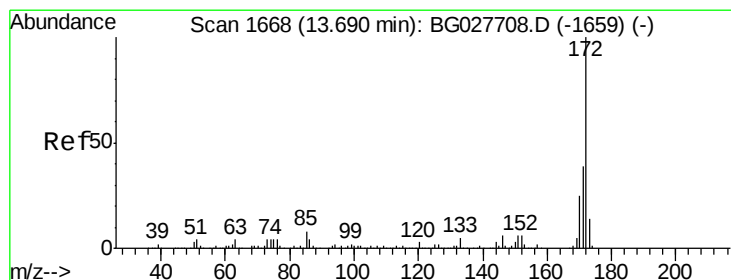
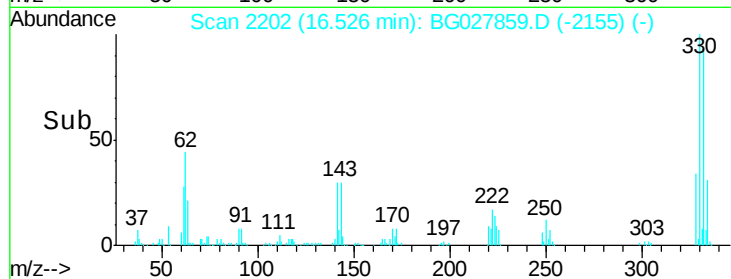
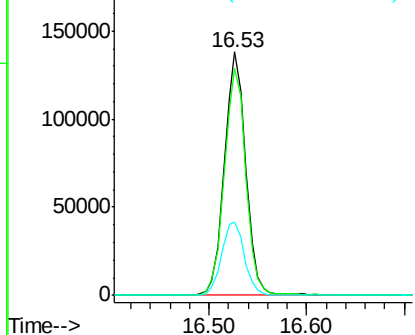
#41
 2,4,6-Tribromophenol
 Concen: 198.728 ng
 RT: 16.53 min Scan# 2202
 Delta R.T. -0.03 min
 Lab File: BG027859.D
 Acq: 5 Jul 2017 22:27

Instrument :
 BNA_G
 ClientSampleId :
 HR-03-070317-C

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.3	115.9
141	32.5	32.1	48.1

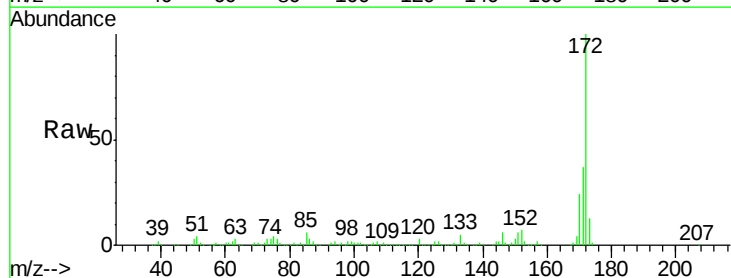


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

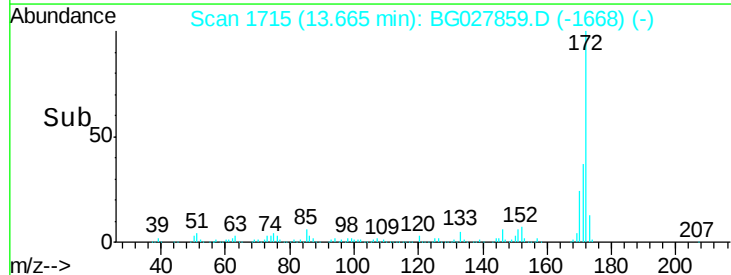
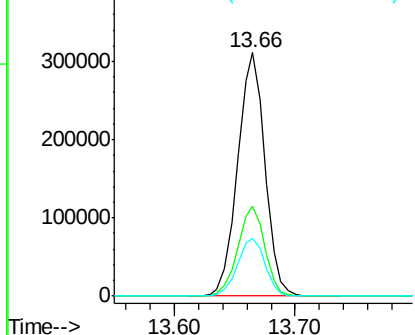


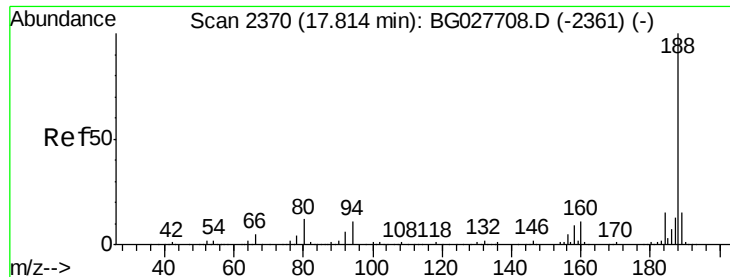
#44
 2-Fluorobiphenyl
 Concen: 91.307 ng
 RT: 13.66 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027859.D
 Acq: 5 Jul 2017 22:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	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

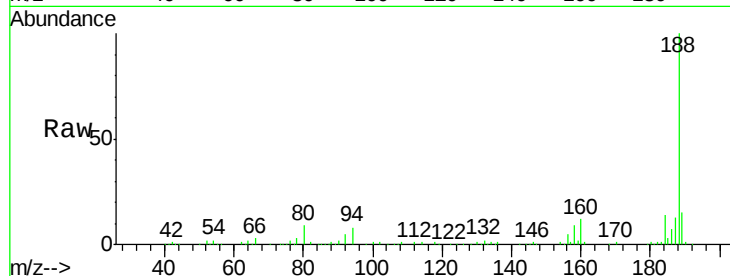




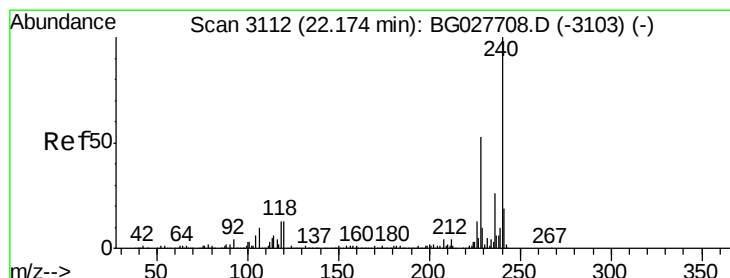
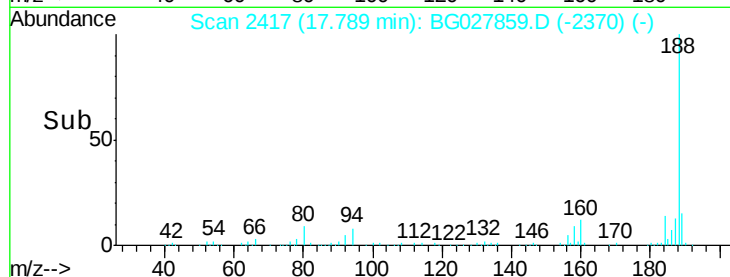
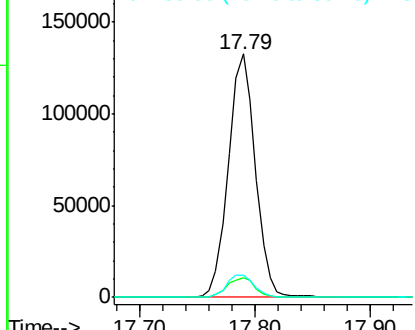
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.79 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027859.D
Acq: 5 Jul 2017 22:27

Instrument :
BNA_G
ClientSampleId :
HR-03-070317-C

Tgt Ion:188 Resp: 214681
Ion Ratio Lower Upper
188 100
94 8.1 5.8 8.8
80 9.2 7.5 11.3

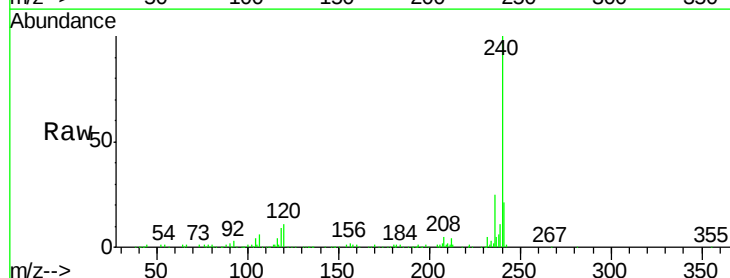


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

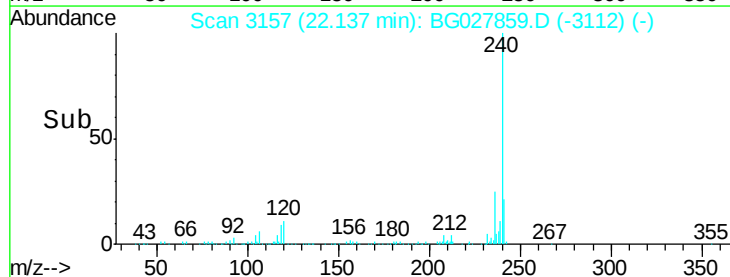
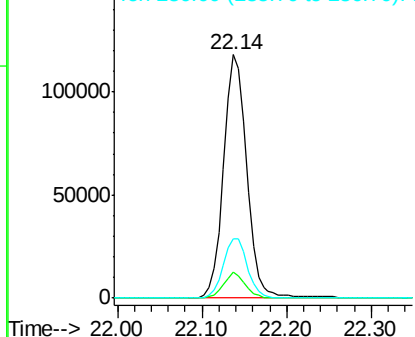


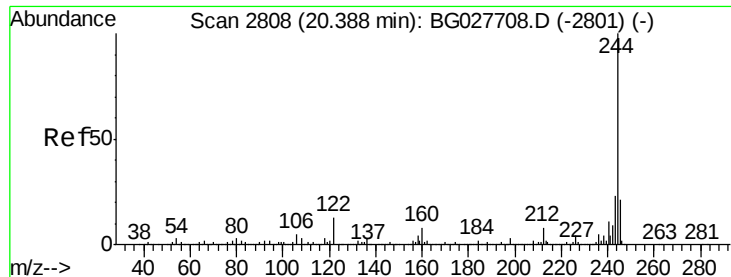
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.14 min Scan# 3157
Delta R.T. -0.04 min
Lab File: BG027859.D
Acq: 5 Jul 2017 22:27

Tgt Ion:240 Resp: 224137
Ion Ratio Lower Upper
240 100
120 10.7 5.7 8.5#
236 24.5 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: 114.394 ng

RT: 20.37 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027859.D

Acq: 5 Jul 2017 22:27

Instrument :

BNA_G

ClientSampleId :

HR-03-070317-C

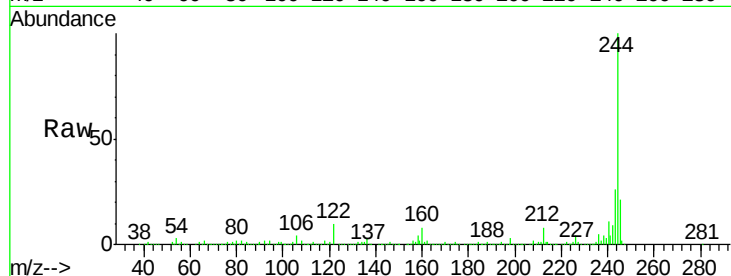
Tgt Ion:244 Resp: 1093681

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

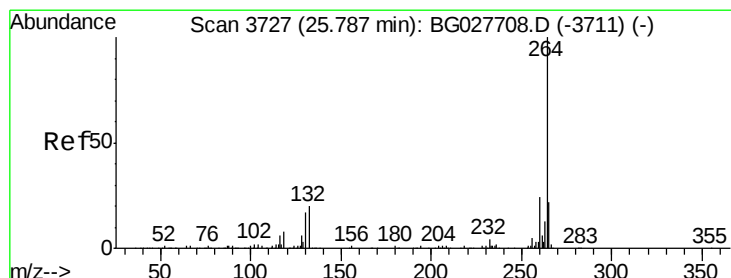
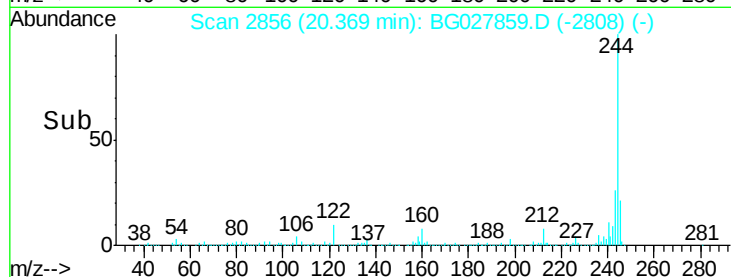
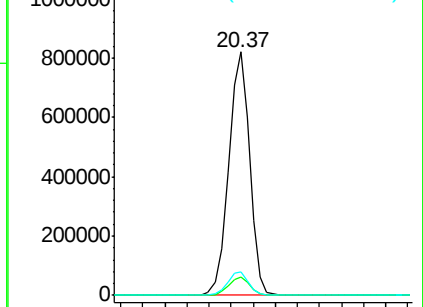
122 9.7 8.6 12.8



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: 25.72 min Scan# 3767

Delta R.T. -0.07 min

Lab File: BG027859.D

Acq: 5 Jul 2017 22:27

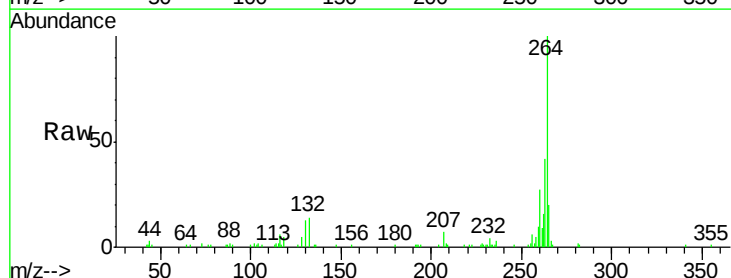
Tgt Ion:264 Resp: 103978

Ion Ratio Lower Upper

264 100

260 26.6 21.8 32.8

265 20.0 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

