

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070317\
 Data File : BG027832.D
 Acq On : 3 Jul 2017 14:56
 Operator : SJ/JU
 Sample : I3979-10RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP4-MH2096-COMPARE

Quant Time: Jul 04 07:03:27 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	28068	20.00	ng	-0.02
21) Naphthalene-d8	11.27	136	133756	20.00	ng	-0.02
38) Acenaphthene-d10	15.04	164	40177	20.00	ng	-0.02
63) Phenanthrene-d10	17.79	188	197415	20.00	ng	-0.02
75) Chrysene-d12	22.14	240	104646	20.00	ng	-0.03
86) Perylene-d12	25.73	264	2070	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	255507	140.18	ng	-0.02
7) Phenol-d6	7.60	99	225007	80.81	ng	-0.02
23) Nitrobenzene-d5	9.62	82	225954	94.16	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	219626	398.54	ng	-0.02
44) 2-Fluorobiphenyl	13.67	172	605480	215.23	ng	-0.02
78) Terphenyl-d14	20.37	244	1081807	242.36	ng	-0.02

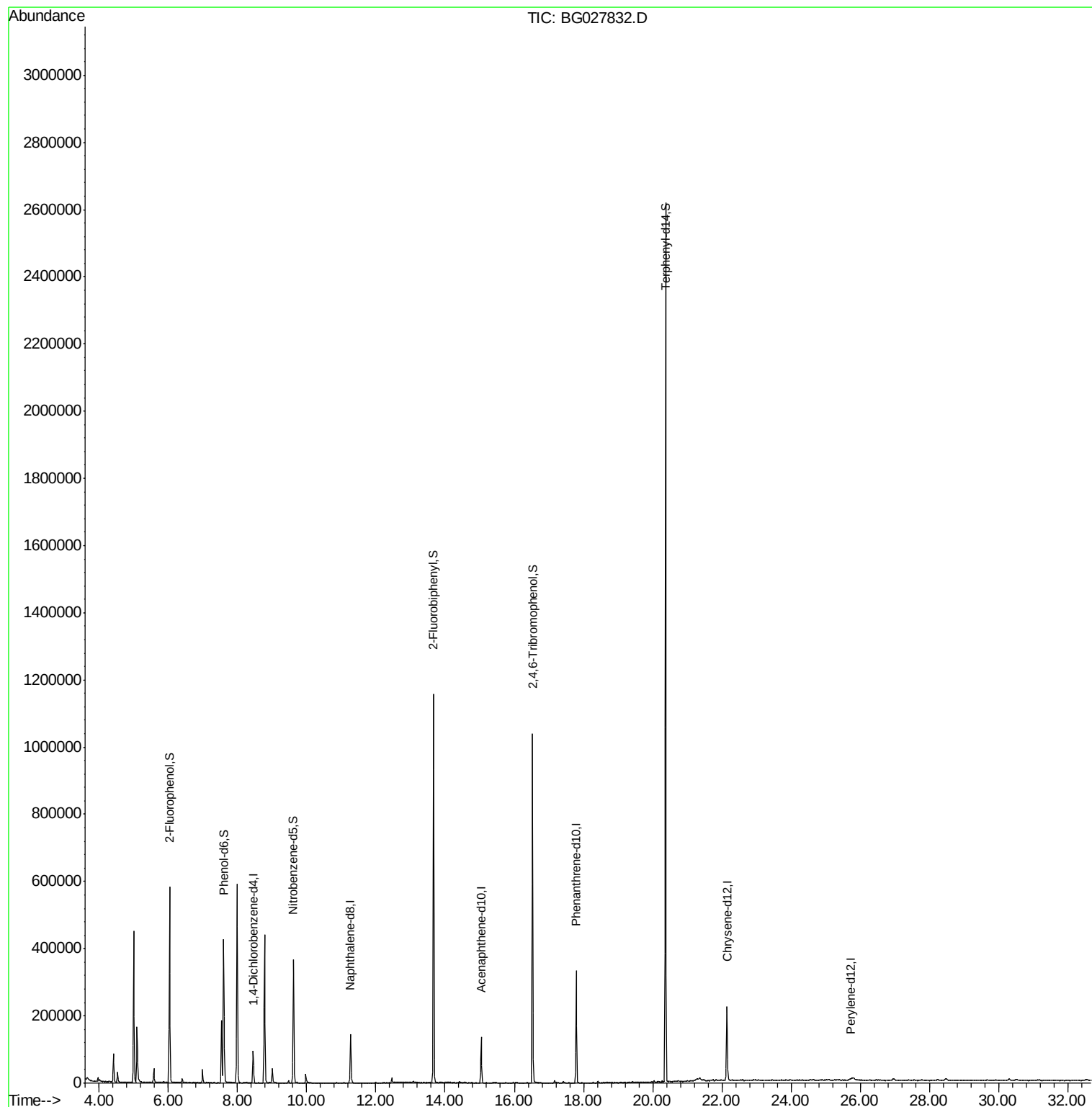
Target Compounds	Qvalue
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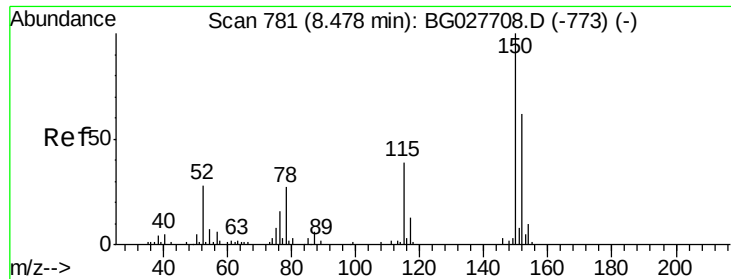
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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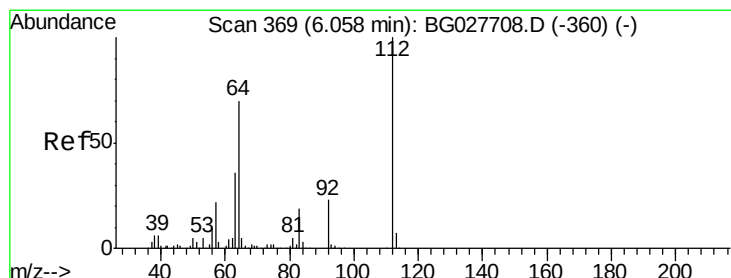
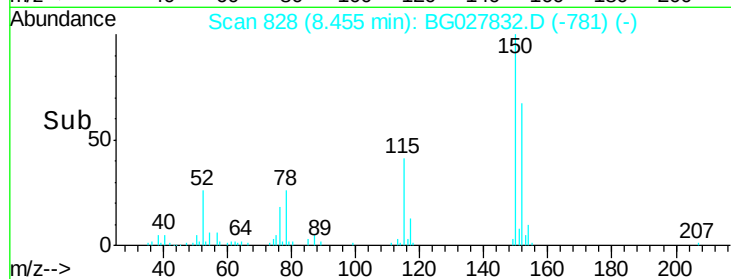
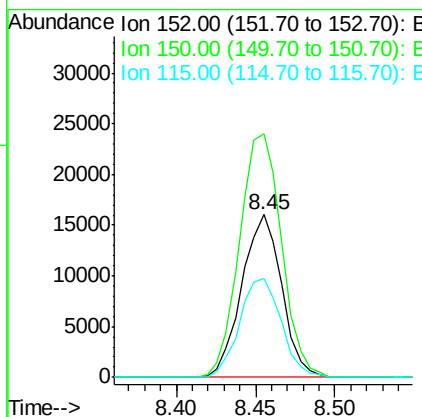
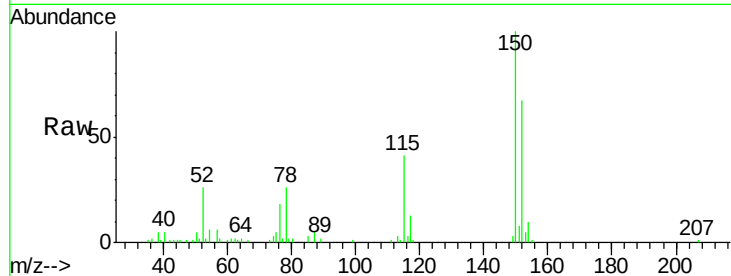


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 828
Delta R.T. -0.02 min
Lab File: BG027832.D
Acq: 3 Jul 2017 14:56

Instrument :
BNA_G
ClientSampleId :
TP4-MH2096-COMP

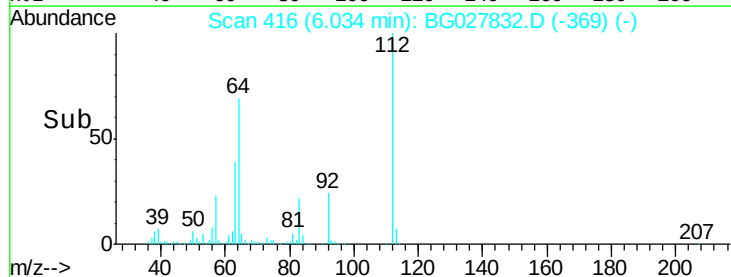
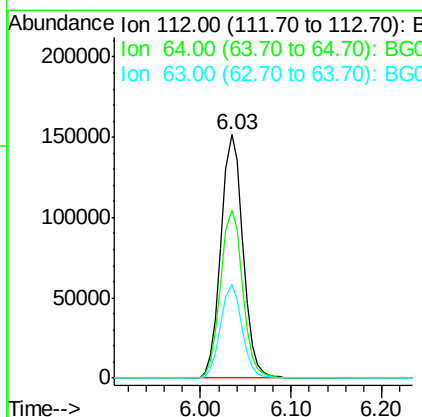
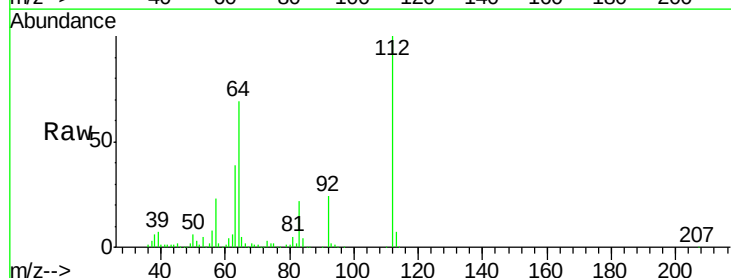
Tgt Ion:152 Resp: 28068
Ion Ratio Lower Upper
152 100
150 149.8 114.0 171.0
115 61.1 48.1 72.1

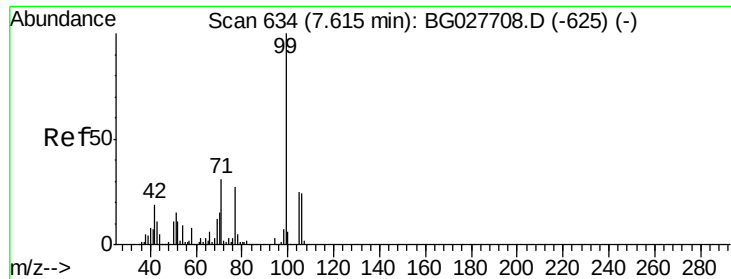


#5

2-Fluorophenol
Concen: 140.180 ng
RT: 6.03 min Scan# 416
Delta R.T. -0.02 min
Lab File: BG027832.D
Acq: 3 Jul 2017 14:56

Tgt Ion:112 Resp: 255507
Ion Ratio Lower Upper
112 100
64 69.2 61.8 92.6
63 38.6 37.2 55.8





#7

Phenol-d6

Concen: 80.806 ng

RT: 7.60 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027832.D

Acq: 3 Jul 2017 14:56

Instrument :

BNA_G

ClientSampleId :

TP4-MH2096-COMP

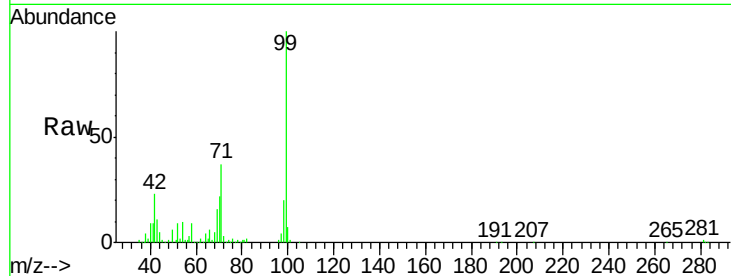
Tgt Ion: 99 Resp: 225007

Ion Ratio Lower Upper

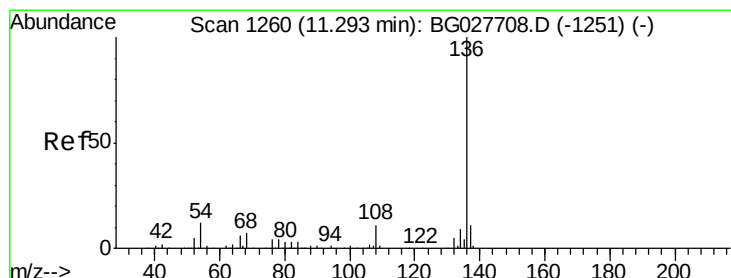
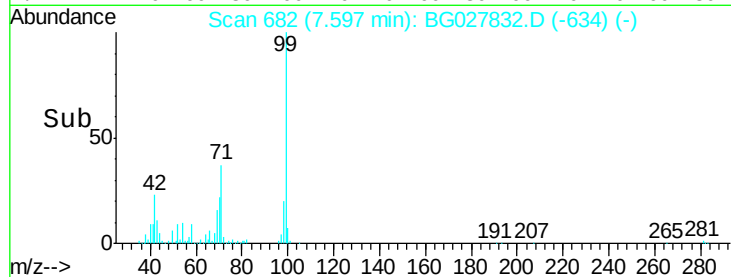
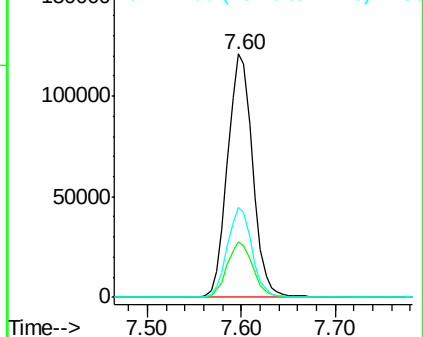
99 100

42 22.7 20.5 30.7

71 36.9 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. -0.02 min

Lab File: BG027832.D

Acq: 3 Jul 2017 14:56

Tgt Ion: 136 Resp: 133756

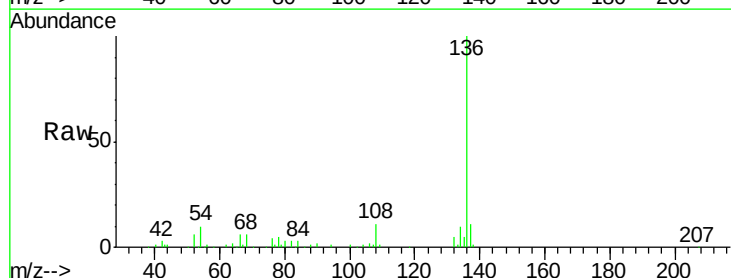
Ion Ratio Lower Upper

136 100

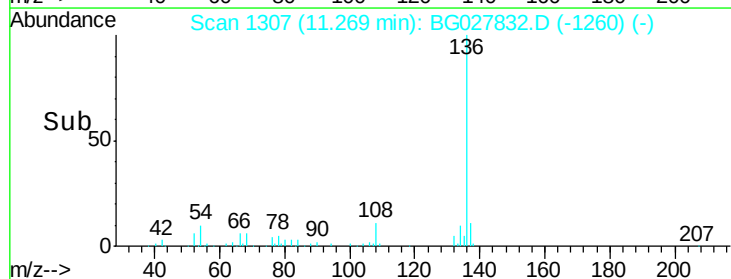
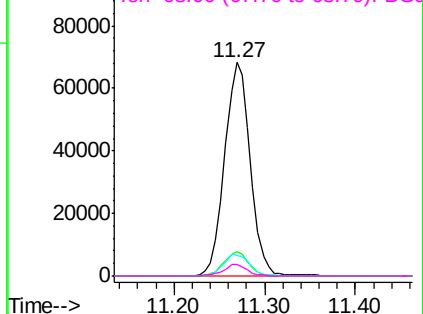
137 11.3 8.9 13.3

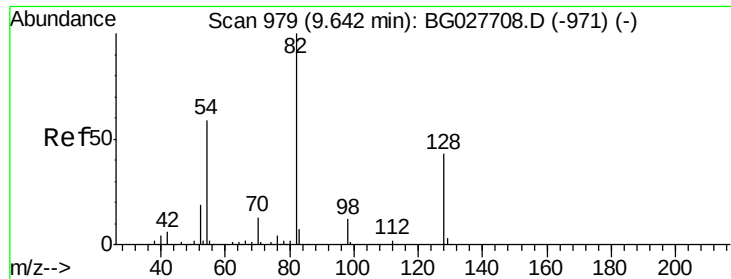
54 9.8 9.3 13.9

68 5.6 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

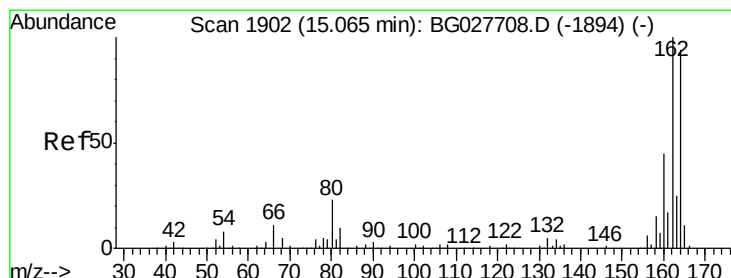
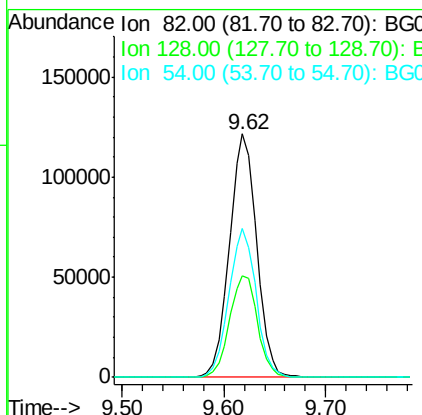
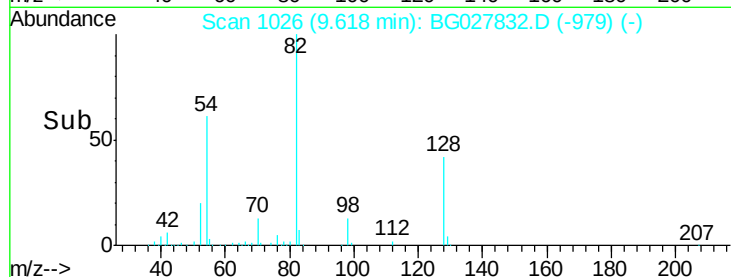
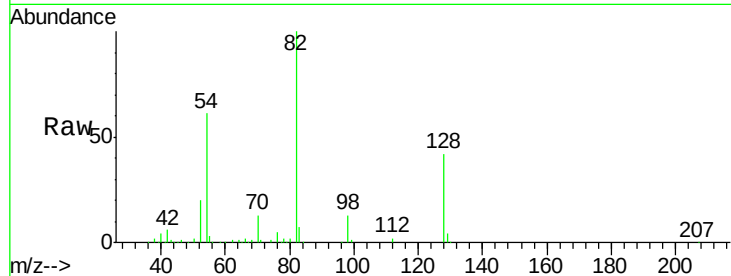




#23
 Nitrobenzene-d5
 Concen: 94.163 ng
 RT: 9.62 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BG027832.D
 Acq: 3 Jul 2017 14:56

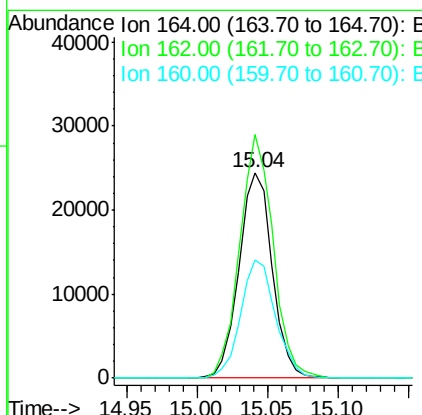
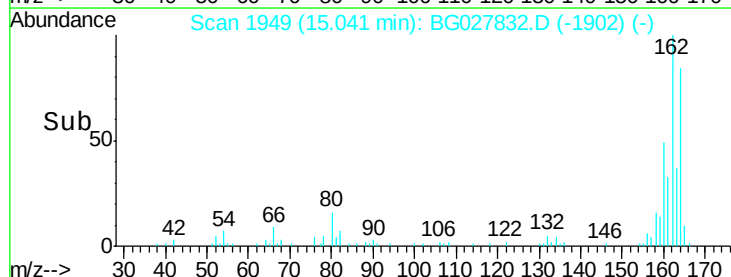
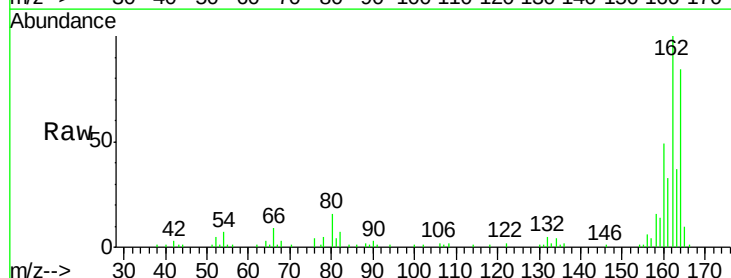
Instrument :
 BNA_G
 ClientSampleId :
 TP4-MH2096-COMP

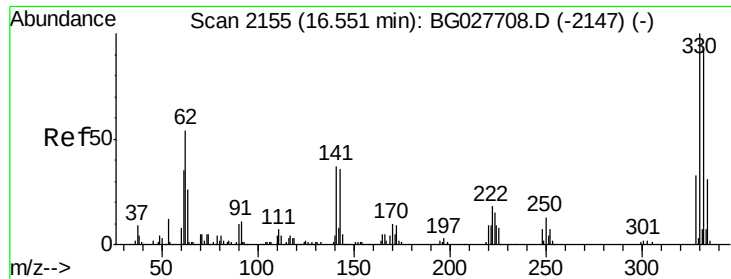
Tgt Ion: 82 Resp: 225954
 Ion Ratio Lower Upper
 82 100
 128 41.8 26.4 39.6#
 54 60.9 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.04 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027832.D
 Acq: 3 Jul 2017 14:56

Tgt Ion: 164 Resp: 40177
 Ion Ratio Lower Upper
 164 100
 162 118.5 85.1 127.7
 160 57.8 34.7 52.1#

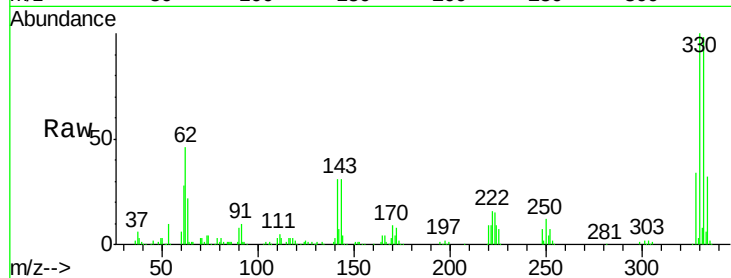




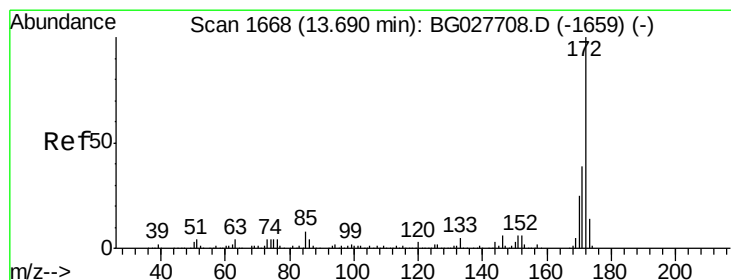
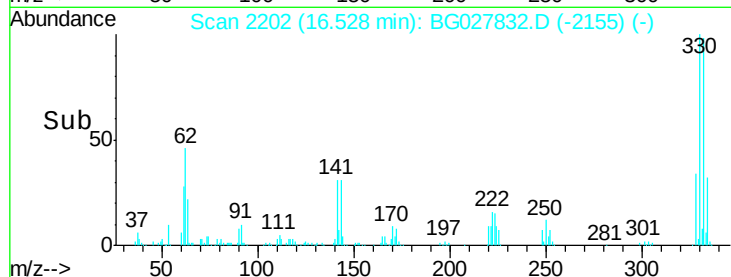
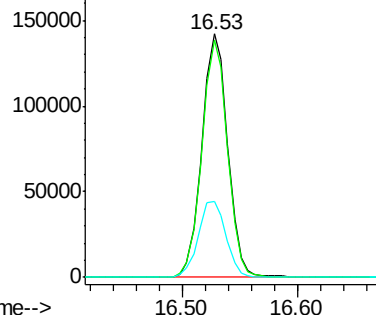
#41
 2,4,6-Tribromophenol
 Concen: 398.544 ng
 RT: 16.53 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027832.D
 Acq: 3 Jul 2017 14:56

Instrument :
 BNA_G
 ClientSampleId :
 TP4-MH2096-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	33.4	32.1	48.1

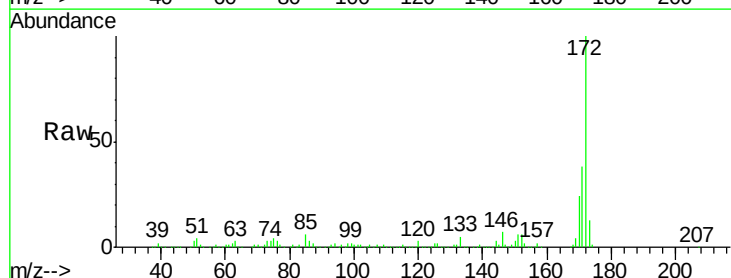


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

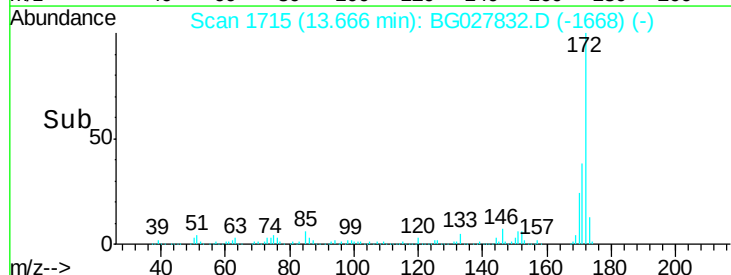
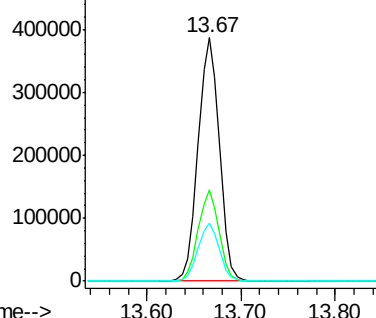


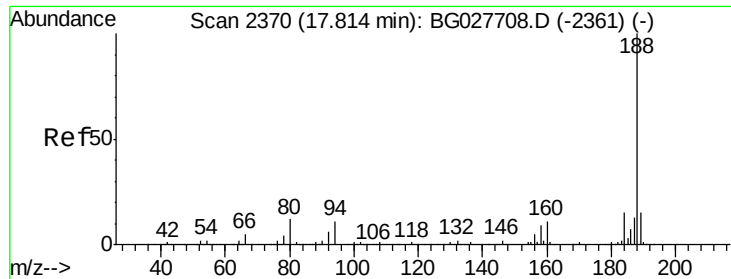
#44
 2-Fluorobiphenyl
 Concen: 215.230 ng
 RT: 13.67 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG027832.D
 Acq: 3 Jul 2017 14:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	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

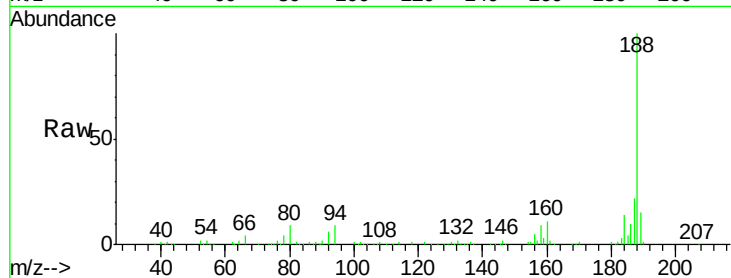




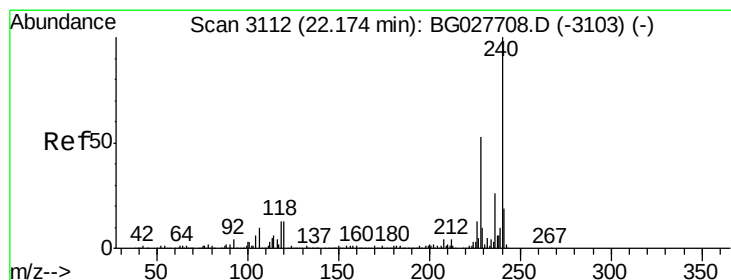
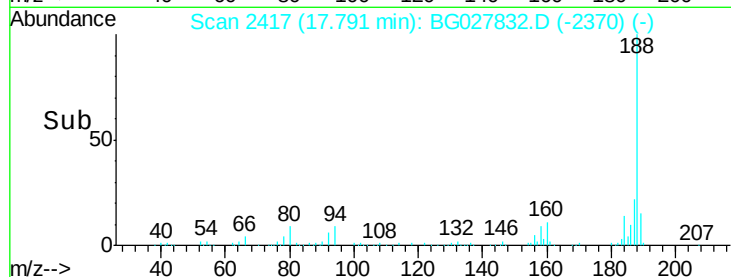
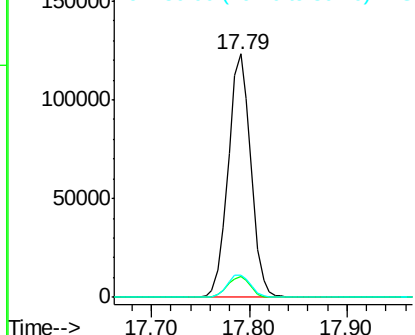
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.79 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG027832.D
Acq: 3 Jul 2017 14:56

Instrument :
BNA_G
ClientSampleId :
TP4-MH2096-COMP

Tgt Ion:188 Resp: 197415
Ion Ratio Lower Upper
188 100
94 8.7 5.8 8.8
80 9.1 7.5 11.3

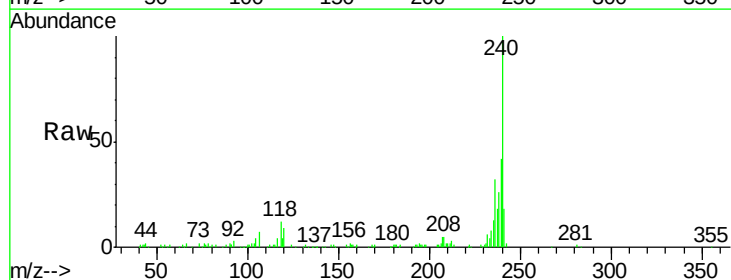


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

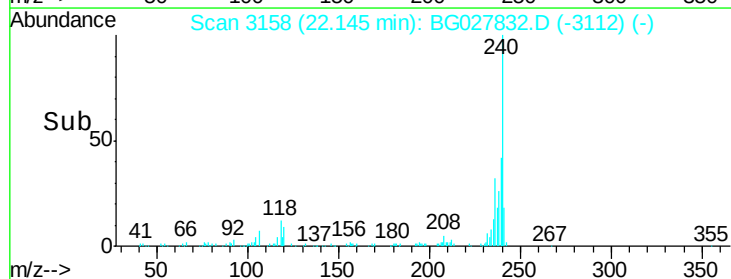
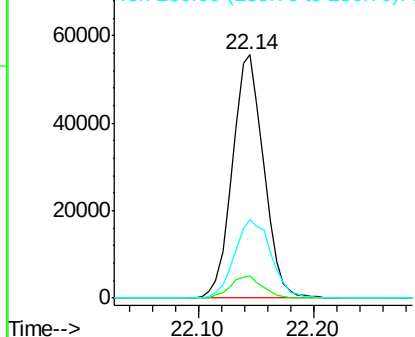


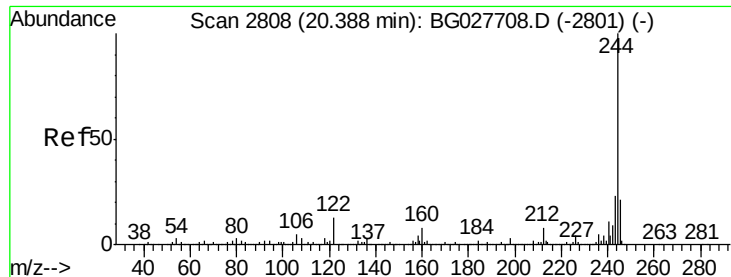
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.14 min Scan# 3158
Delta R.T. -0.03 min
Lab File: BG027832.D
Acq: 3 Jul 2017 14:56

Tgt Ion:240 Resp: 104646
Ion Ratio Lower Upper
240 100
120 9.0 5.7 8.5#
236 32.3 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: 242.356 ng

RT: 20.37 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027832.D

Acq: 3 Jul 2017 14:56

Instrument :

BNA_G

ClientSampleId :

TP4-MH2096-COMP

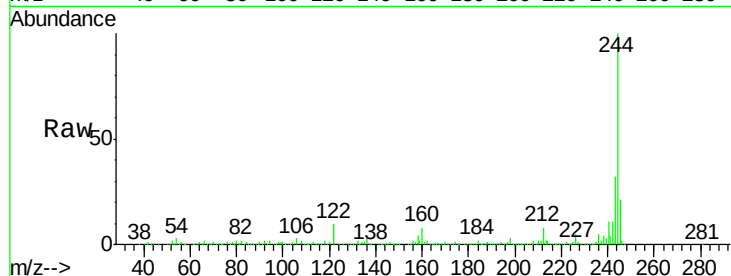
Tgt Ion:244 Resp: 1081807

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

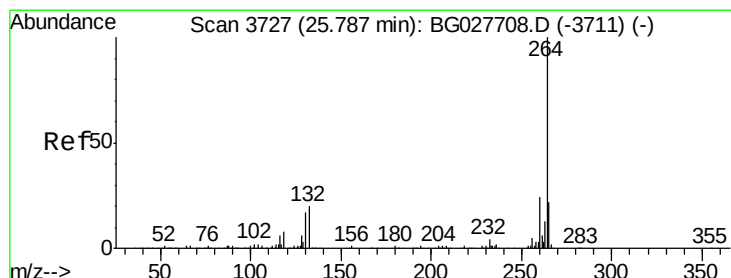
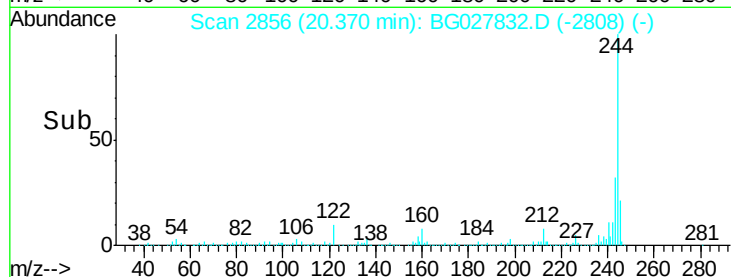
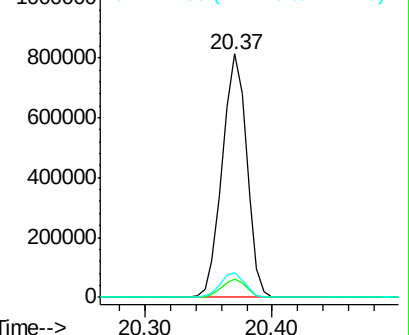
122 10.2 8.6 12.8



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: 25.73 min Scan# 3769

Delta R.T. -0.05 min

Lab File: BG027832.D

Acq: 3 Jul 2017 14:56

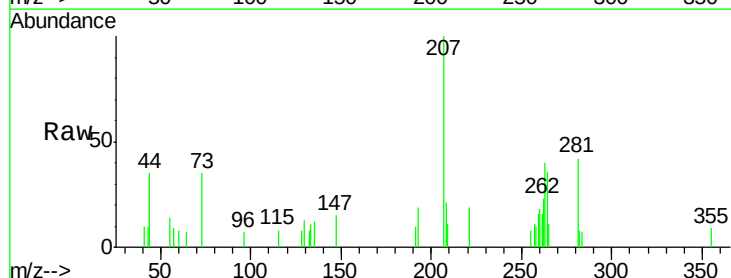
Tgt Ion:264 Resp: 2070

Ion Ratio Lower Upper

264 100

260 49.9 21.8 32.8#

265 30.5 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

