

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016977.D
 Acq On : 9 May 2015 5:20
 Operator : TP/IZ
 Sample : G2058-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-54

Quant Time: May 09 06:55:26 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 09 03:28:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	52655	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	248153	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	170358	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	392049	20.00	ng	0.00
75) Chrysene-d12	21.35	240	381090	20.00	ng	0.00
86) Perylene-d12	23.64	264	381578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	179836	59.47	ng	0.00
7) Phenol-d6	6.96	99	163756	37.90	ng	0.00
23) Nitrobenzene-d5	8.95	82	369533	72.75	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	229160	133.99	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	789697	69.95	ng	0.00
78) Terphenyl-d14	19.80	244	1180437	72.61	ng	0.00

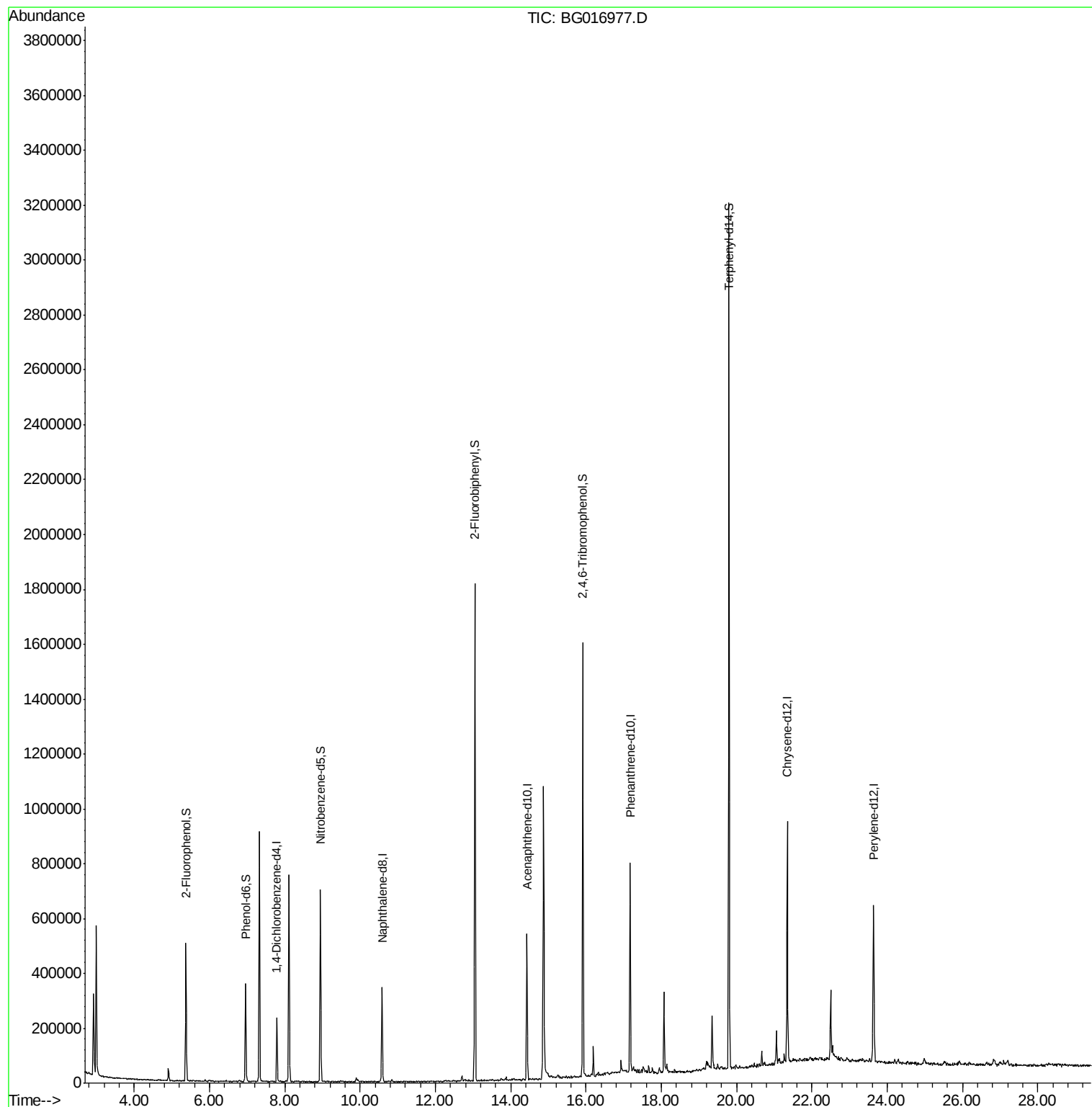
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG016977.D

Acq: 9 May 2015 5:20

Instrument :

BNA_G

ClientSampleId :

MW-54

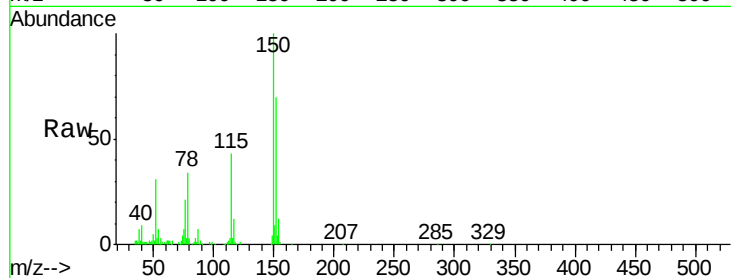
Tgt Ion:152 Resp: 52655

Ion Ratio Lower Upper

152 100

150 142.0 121.0 181.4

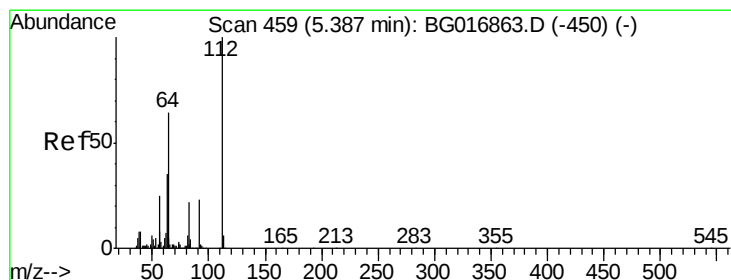
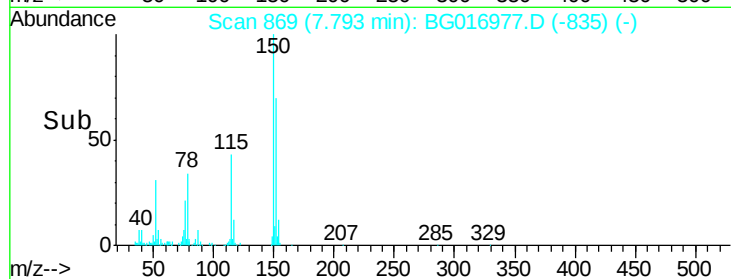
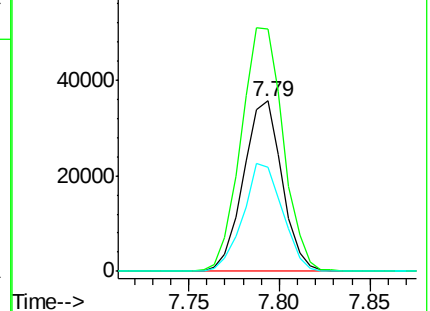
115 61.1 50.5 75.7



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: 59.47 ng

RT: 5.37 min Scan# 457

Delta R.T. -0.00 min

Lab File: BG016977.D

Acq: 9 May 2015 5:20

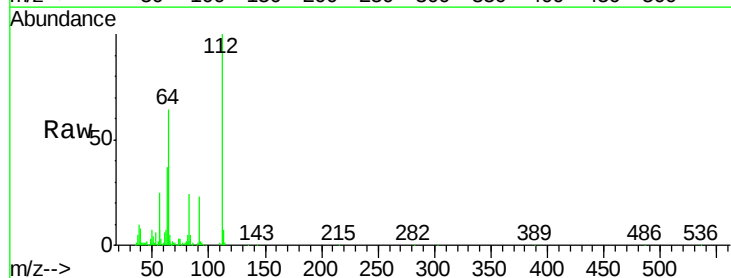
Tgt Ion:112 Resp: 179836

Ion Ratio Lower Upper

112 100

64 63.7 51.4 77.2

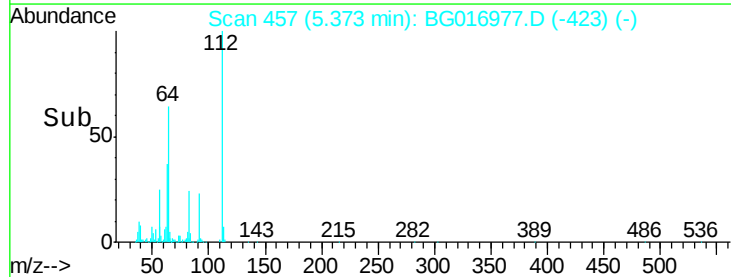
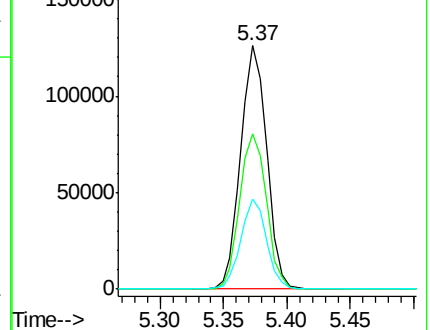
63 36.7 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 37.90 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.00 min

Lab File: BG016977.D

Acq: 9 May 2015 5:20

Instrument :

BNA_G

ClientSampled :

MW-54

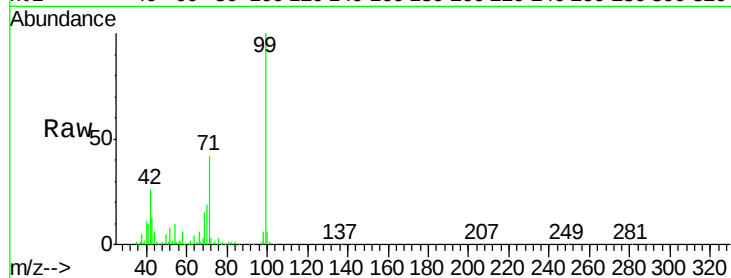
Tgt Ion: 99 Resp: 163756

Ion Ratio Lower Upper

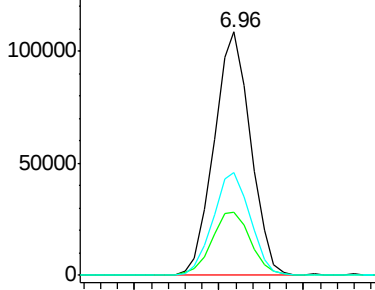
99 100

42 26.1 22.1 33.1

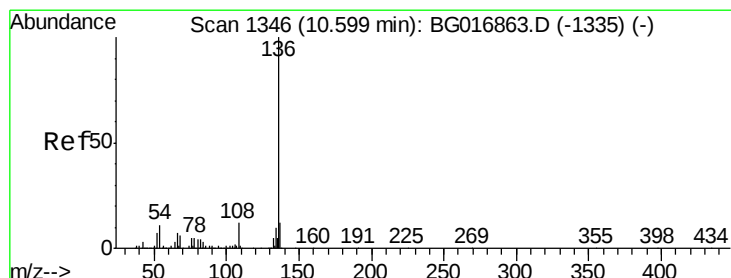
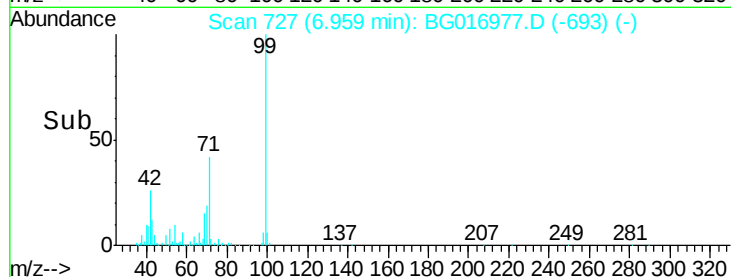
71 42.3 33.4 50.0



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.58 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BG016977.D

Acq: 9 May 2015 5:20

Tgt Ion: 136 Resp: 248153

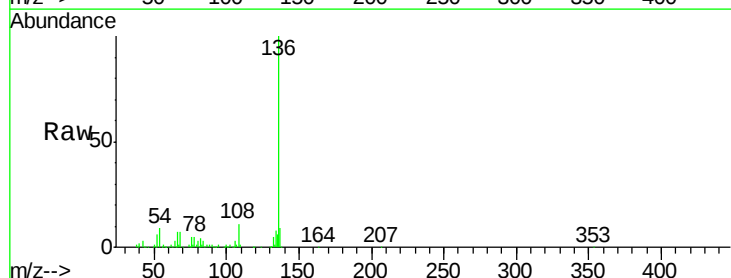
Ion Ratio Lower Upper

136 100

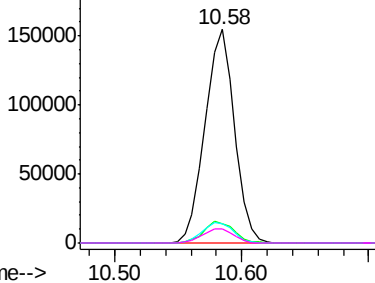
137 9.0 9.8 14.8#

54 9.2 8.7 13.1

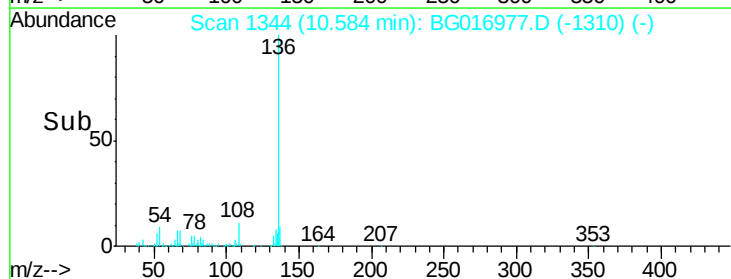
68 6.6 5.0 7.4



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



Time-->

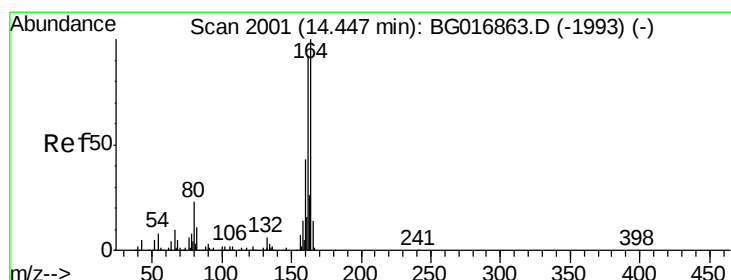
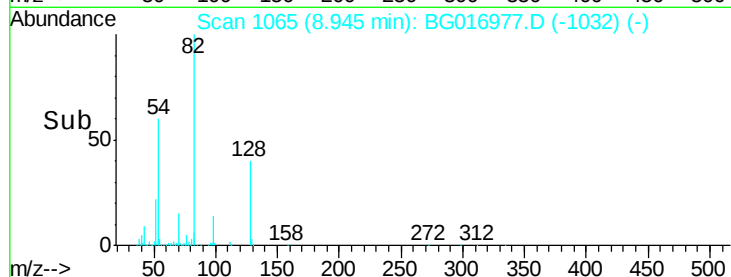
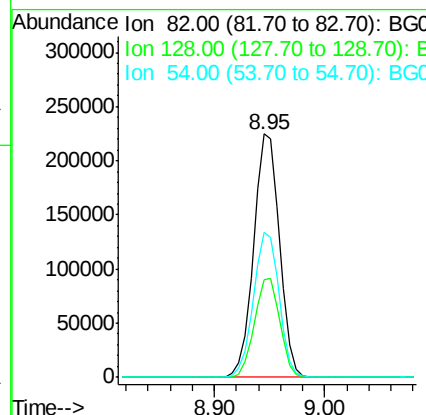
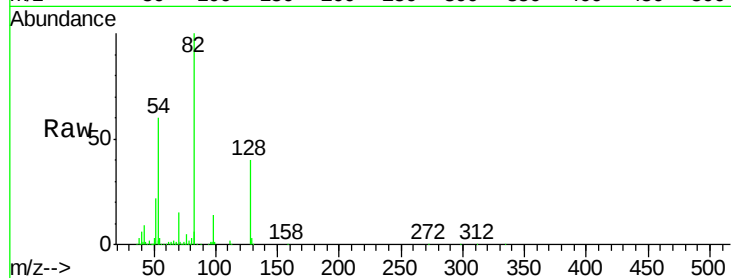




#23
 Nitrobenzene-d5
 Concen: 72.75 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BG016977.D
 Acq: 9 May 2015 5:20

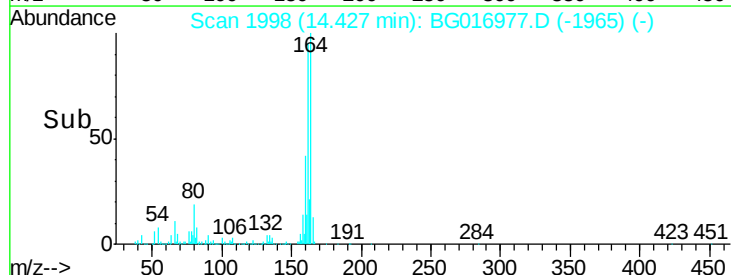
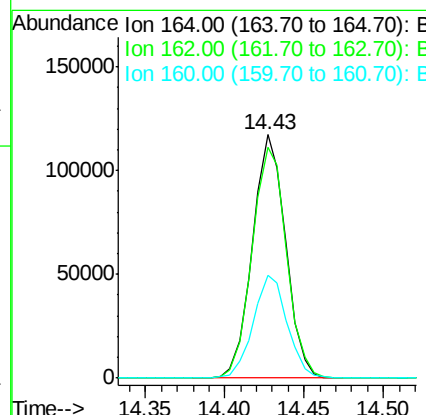
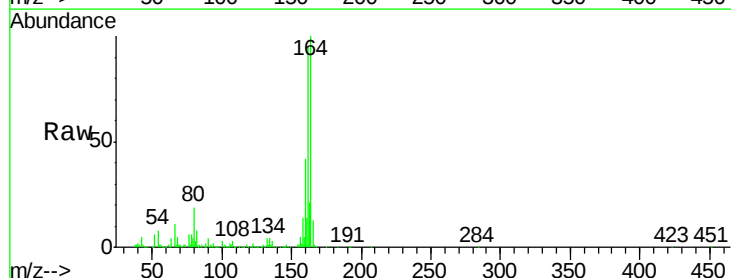
Instrument :
 BNA_G
 ClientSampleId :
 MW-54

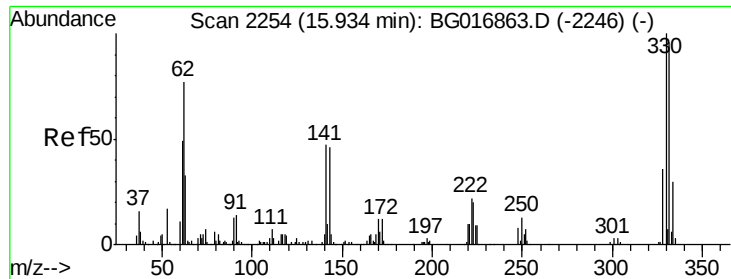
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.2	33.2	49.8
54	59.6	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BG016977.D
 Acq: 9 May 2015 5:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.9	74.0	111.0
160	42.0	34.7	52.1

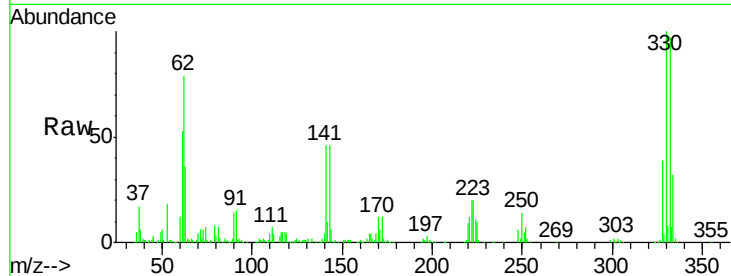




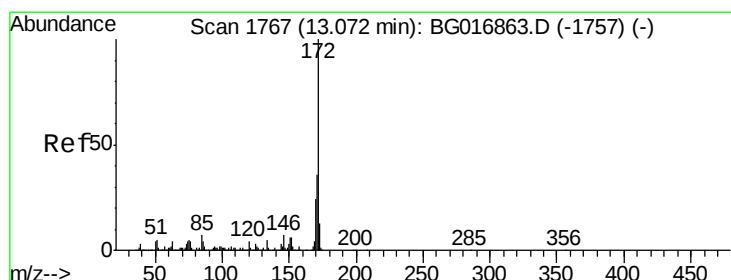
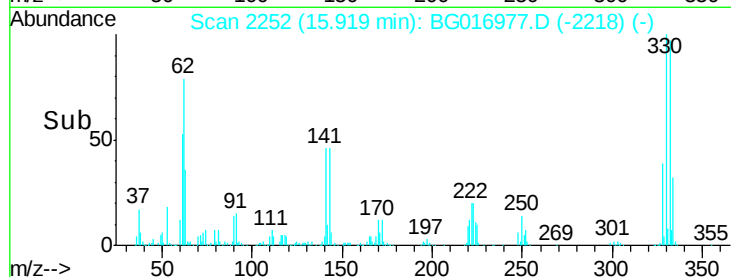
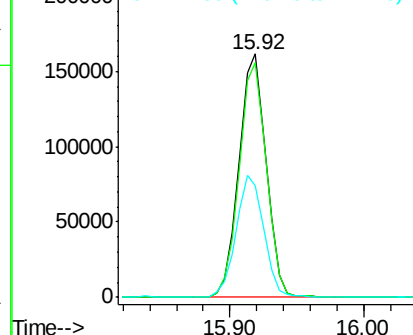
#41
 2,4,6-Tribromophenol
 Concen: 133.99 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BG016977.D
 Acq: 9 May 2015 5:20

Instrument :
 BNA_G
 ClientSampleId :
 MW-54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	51.6	0.0	0.0#

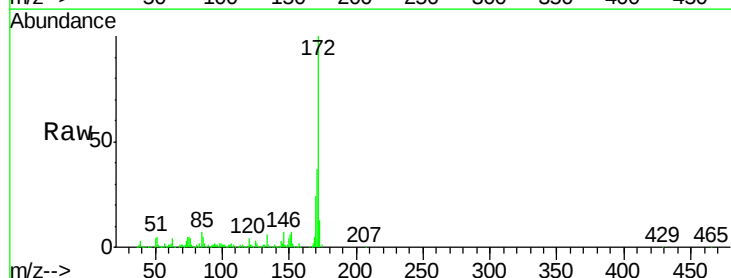


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

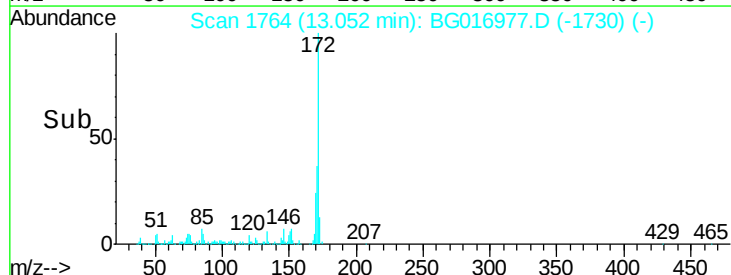
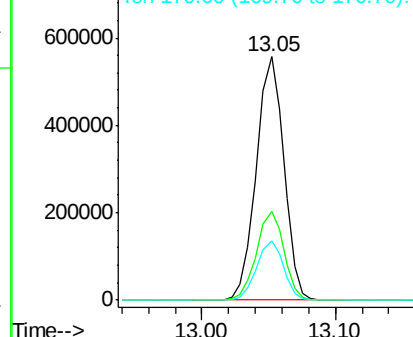


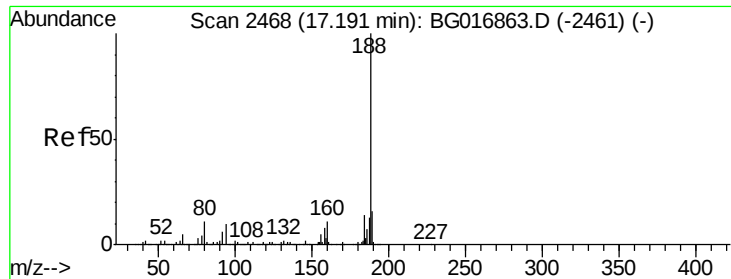
#44
 2-Fluorobiphenyl
 Concen: 69.95 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG016977.D
 Acq: 9 May 2015 5:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	24.1	19.0	28.4



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: 20.00 ng

RT: 17.17 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG016977.D

Acq: 9 May 2015 5:20

Instrument :

BNA_G

ClientSampleId :

MW-54

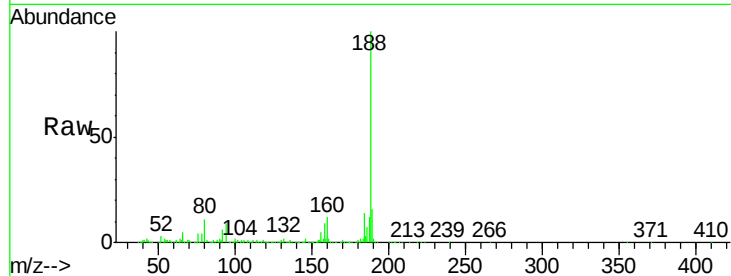
Tgt Ion:188 Resp: 392049

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

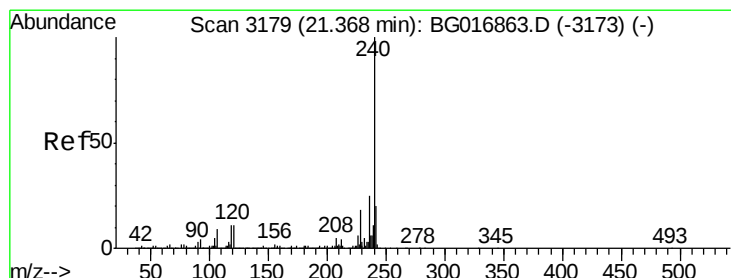
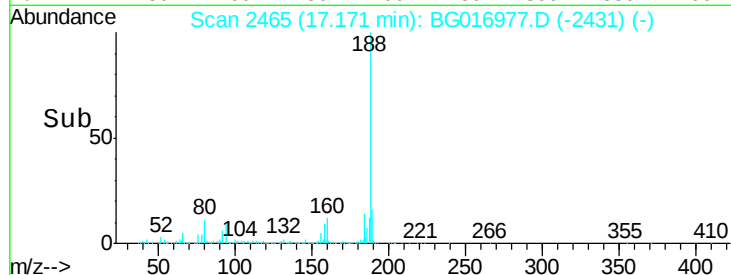
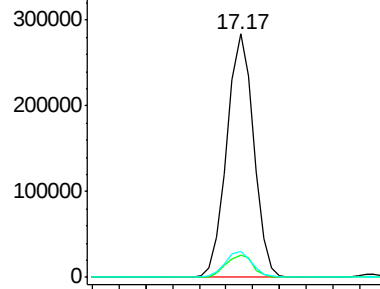
80 10.9 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3176

Delta R.T. -0.00 min

Lab File: BG016977.D

Acq: 9 May 2015 5:20

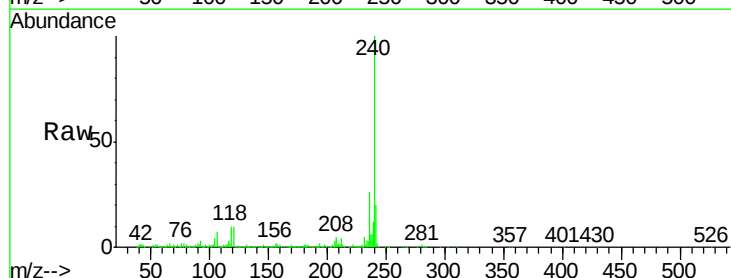
Tgt Ion:240 Resp: 381090

Ion Ratio Lower Upper

240 100

120 10.3 9.1 13.7

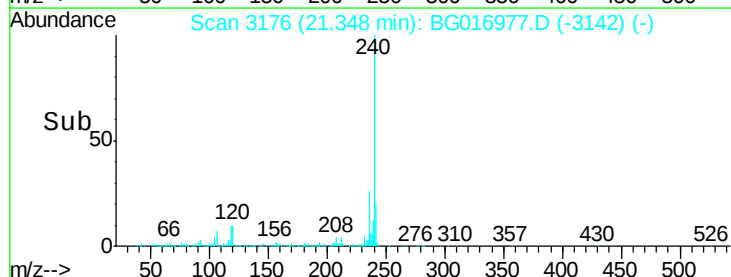
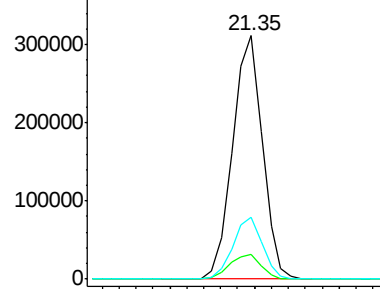
236 25.6 20.2 30.4

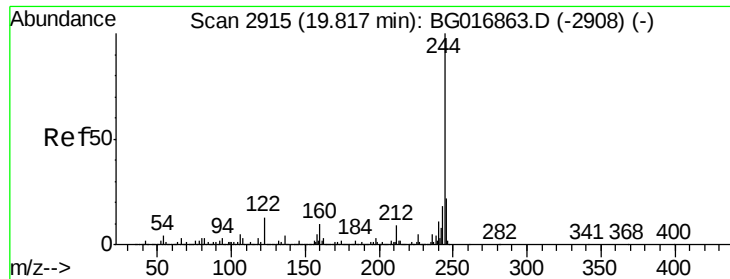


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.61 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BG016977.D

Acq: 9 May 2015 5:20

Instrument :

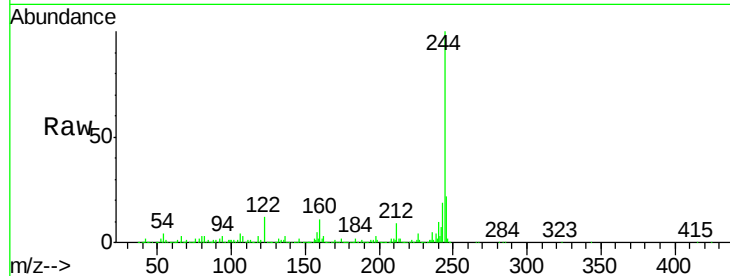
BNA_G

ClientSampleId :

MW-54

Tgt Ion:244 Resp: 1180437

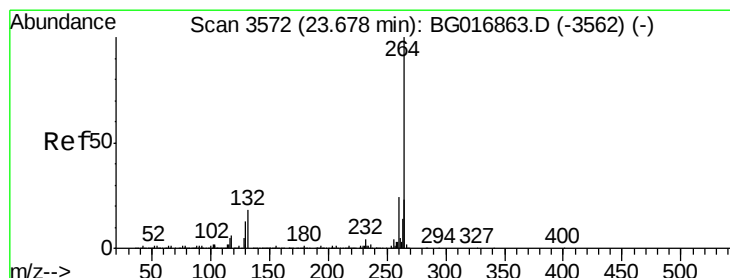
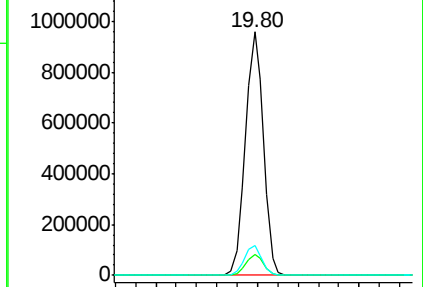
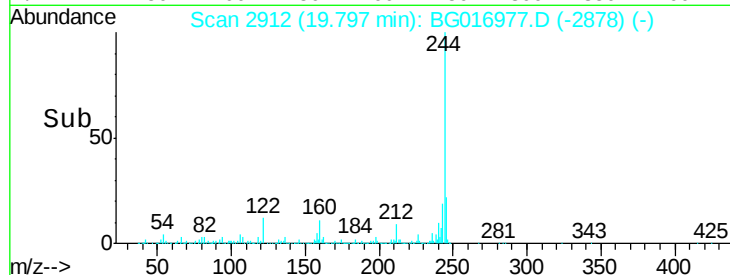
Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	12.4	10.4	15.6



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: 20.00 ng

RT: 23.64 min Scan# 3566

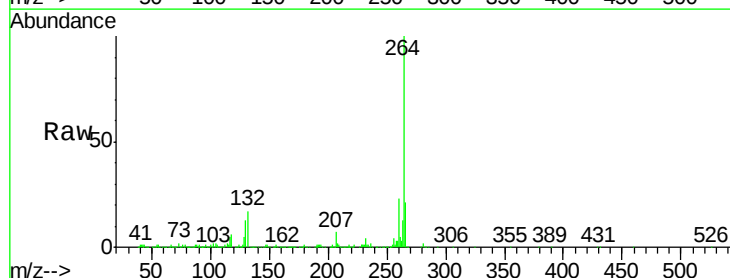
Delta R.T. -0.01 min

Lab File: BG016977.D

Acq: 9 May 2015 5:20

Tgt Ion:264 Resp: 381578

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.3	18.5	27.7



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

