

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016983.D
 Acq On : 9 May 2015 8:48
 Operator : TP/IZ
 Sample : G2081-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MWHR2-9

Quant Time: May 11 02:02:14 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	51025	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	243384	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	172807	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	397216	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	376300	20.00	ng	-0.02
86) Perylene-d12	23.64	264	378469	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	196258	66.97	ng	-0.01
7) Phenol-d6	6.96	99	178386	42.61	ng	0.00
23) Nitrobenzene-d5	8.95	82	429376	86.19	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	286395	165.09	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	947173	82.71	ng	-0.02
78) Terphenyl-d14	19.80	244	1537447	95.78	ng	-0.02

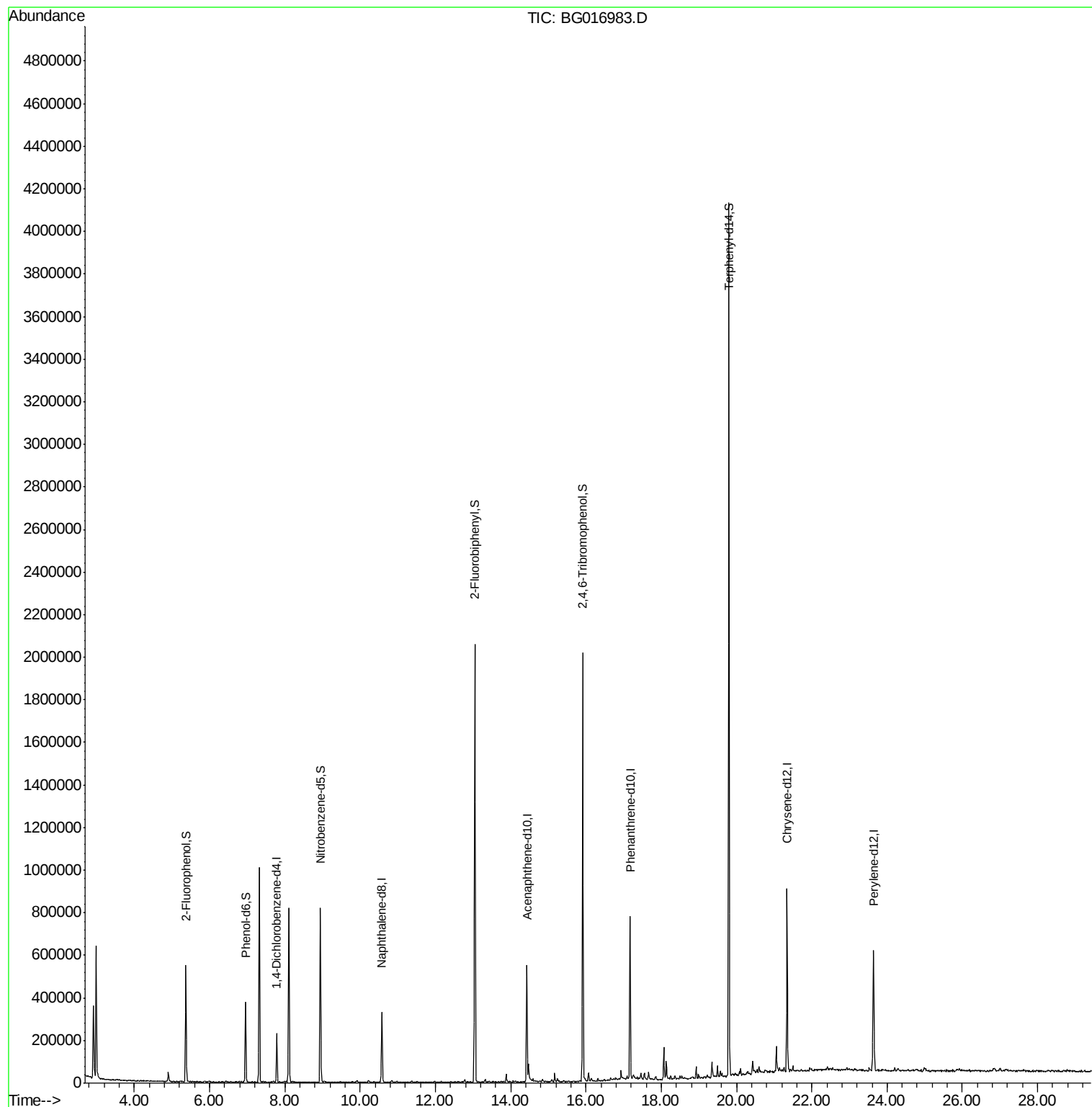
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.02 min

Lab File: BG016983.D

Acq: 9 May 2015 8:48

Instrument :

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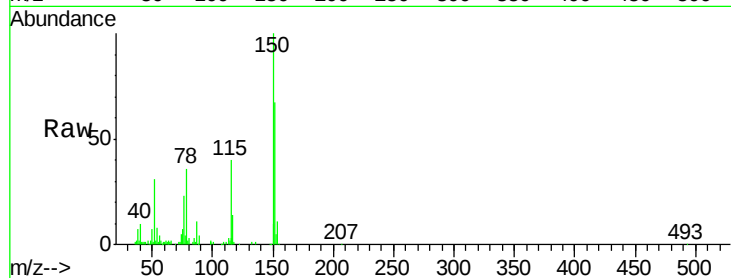
Tgt Ion:152 Resp: 51025

Ion Ratio Lower Upper

152 100

150 149.2 121.0 181.4

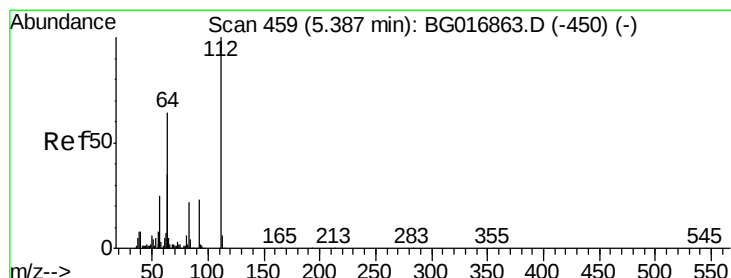
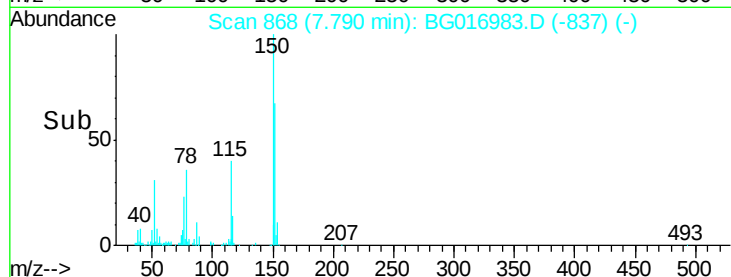
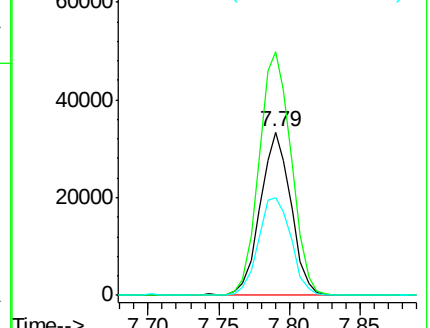
115 59.8 50.5 75.7



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: 66.97 ng

RT: 5.38 min Scan# 457

Delta R.T. -0.01 min

Lab File: BG016983.D

Acq: 9 May 2015 8:48

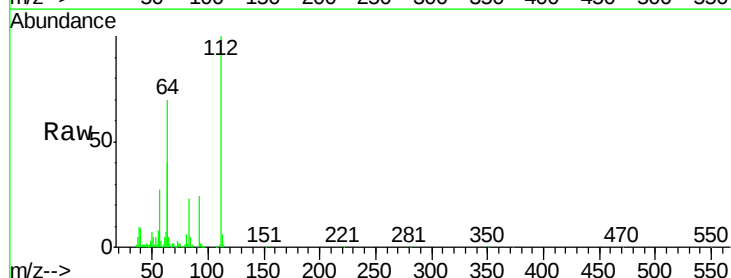
Tgt Ion:112 Resp: 196258

Ion Ratio Lower Upper

112 100

64 70.3 51.4 77.2

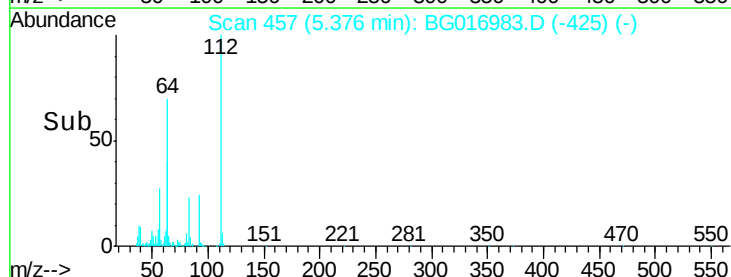
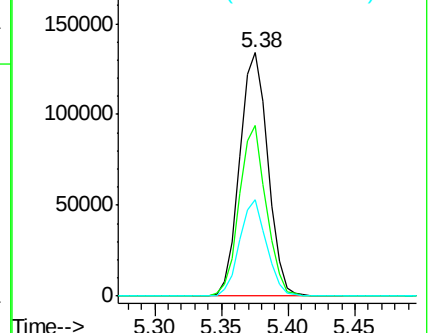
63 39.6 28.1 42.1

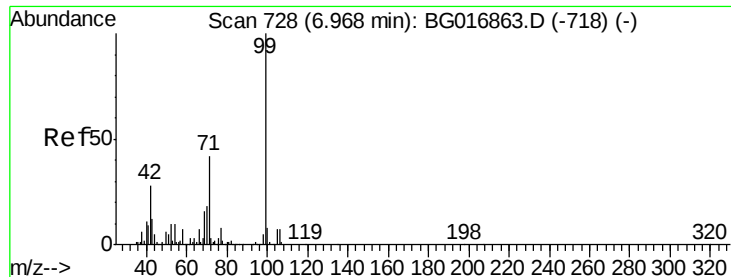


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 42.61 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG016983.D

Acq: 9 May 2015 8:48

Instrument :

BNA_G

ClientSampleId :

MWHR2-9

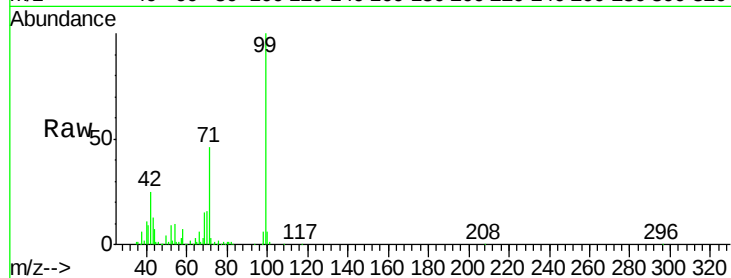
Tgt Ion: 99 Resp: 178386

Ion Ratio Lower Upper

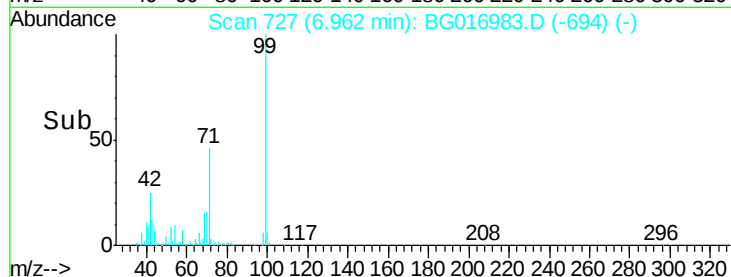
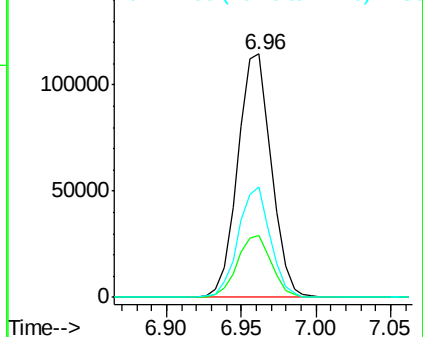
99 100

42 25.5 22.1 33.1

71 45.5 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.58 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BG016983.D

Acq: 9 May 2015 8:48

Tgt Ion: 136 Resp: 243384

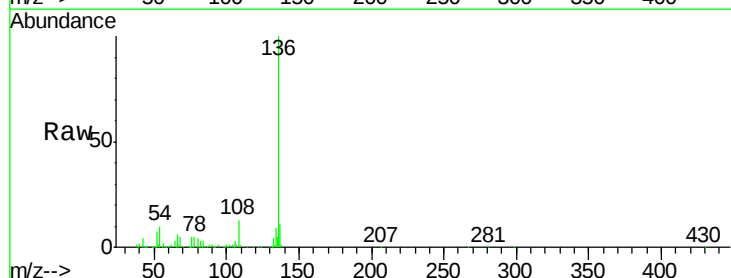
Ion Ratio Lower Upper

136 100

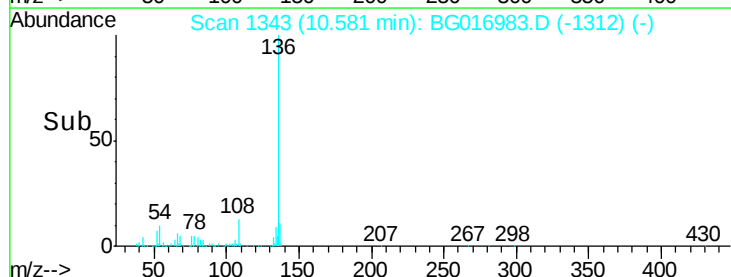
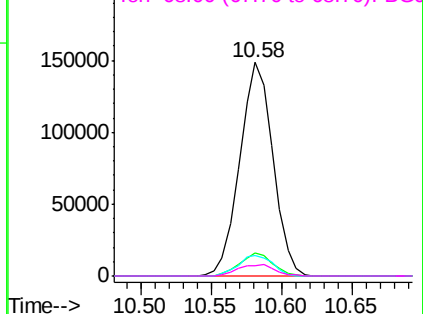
137 10.6 9.8 14.8

54 9.6 8.7 13.1

68 4.9 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

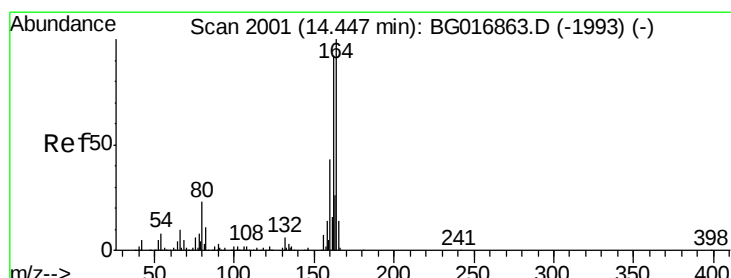
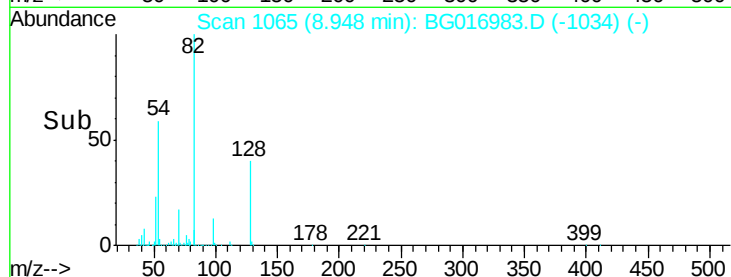
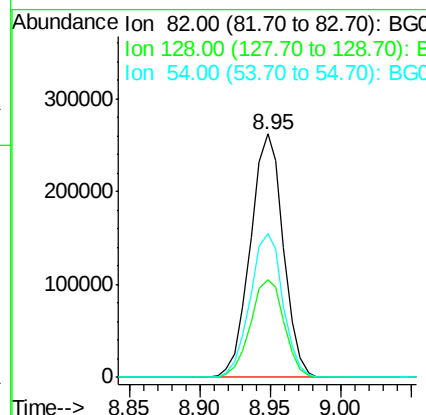
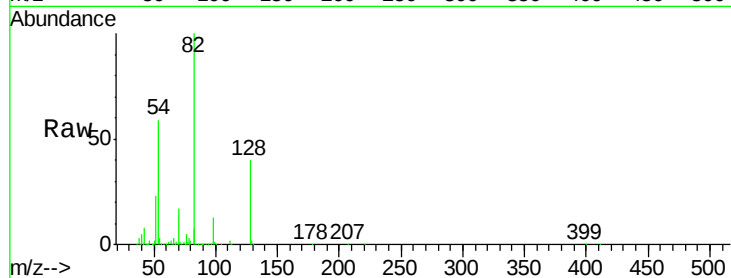




#23
Nitrobenzene-d5
Concen: 86.19 ng
RT: 8.95 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG016983.D
Acq: 9 May 2015 8:48

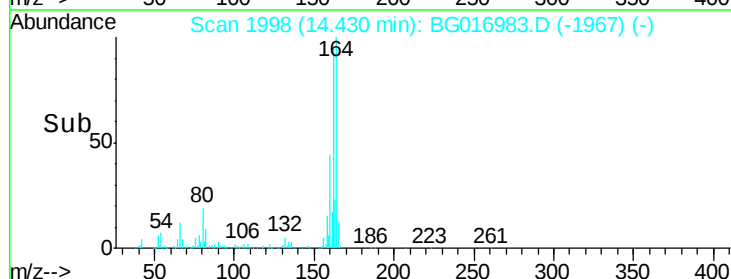
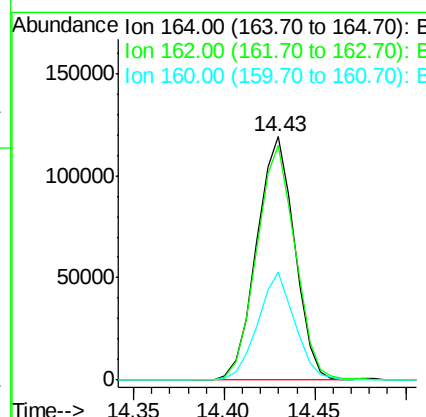
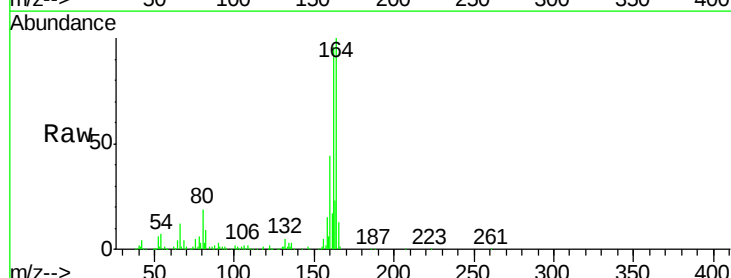
Instrument :
BNA_G
ClientSampleId :
MWHHR2-9

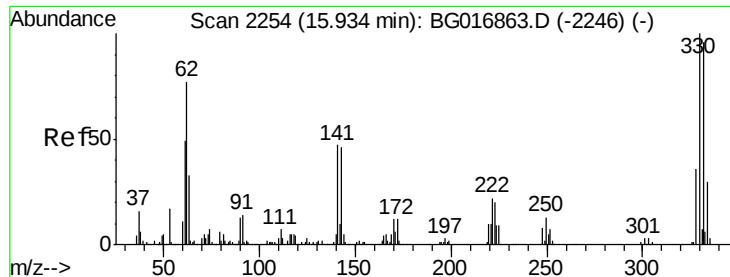
Tgt Ion: 82 Resp: 429376
Ion Ratio Lower Upper
82 100
128 39.9 33.2 49.8
54 59.3 48.6 72.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BG016983.D
Acq: 9 May 2015 8:48

Tgt Ion: 164 Resp: 172807
Ion Ratio Lower Upper
164 100
162 96.4 74.0 111.0
160 44.2 34.7 52.1

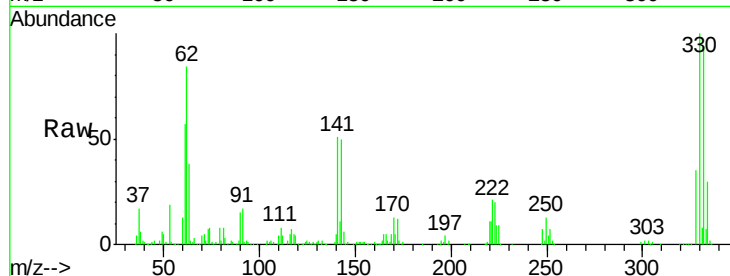




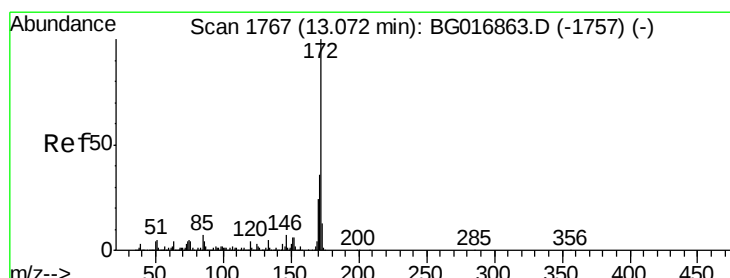
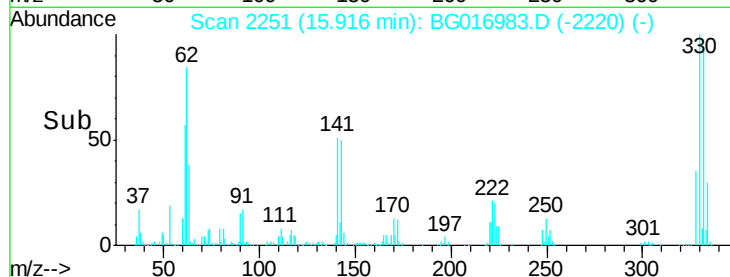
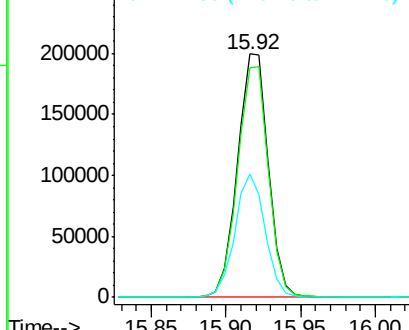
#41
 2,4,6-Tribromophenol
 Concen: 165.09 ng
 RT: 15.92 min Scan# 2251
 Delta R.T. -0.02 min
 Lab File: BG016983.D
 Acq: 9 May 2015 8:48

Instrument :
 BNA_G
 ClientSampleId :
 MWHR2-9

Tgt Ion:330 Resp: 286395
 Ion Ratio Lower Upper
 330 100
 332 95.2 0.0 0.0#
 141 49.6 0.0 0.0#

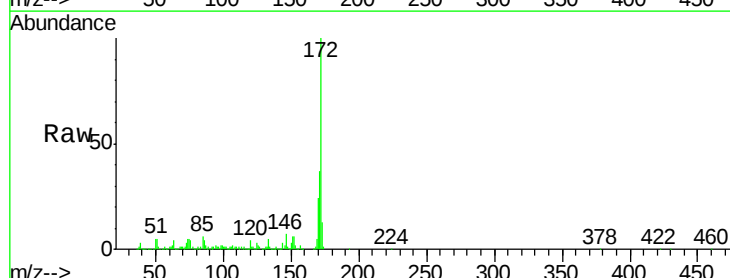


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

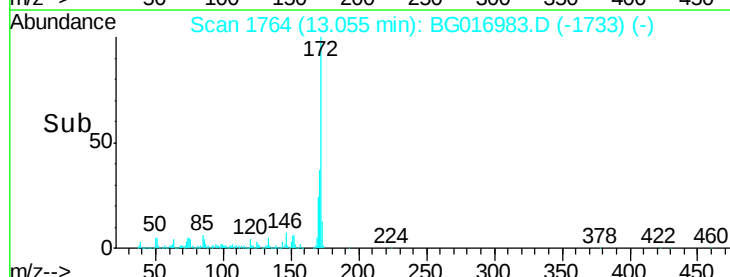
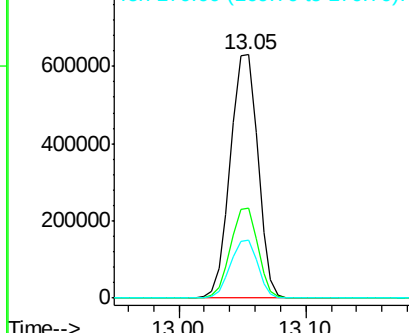


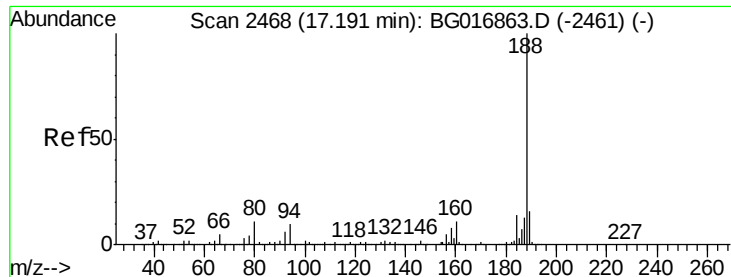
#44
 2-Fluorobiphenyl
 Concen: 82.71 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG016983.D
 Acq: 9 May 2015 8:48

Tgt Ion:172 Resp: 947173
 Ion Ratio Lower Upper
 172 100
 171 37.1 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

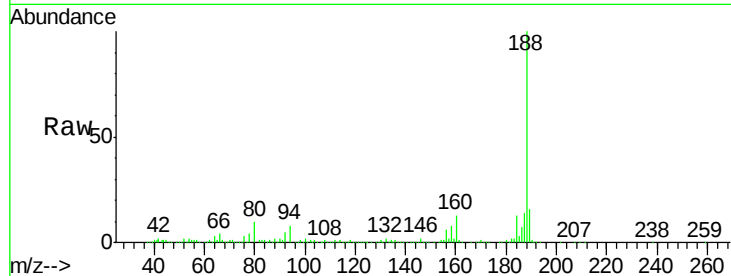




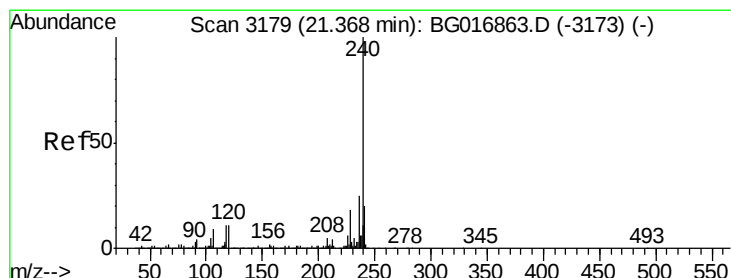
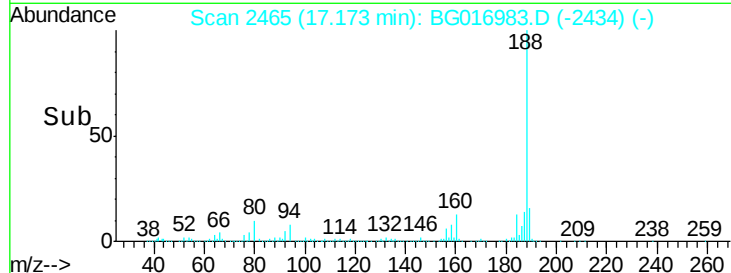
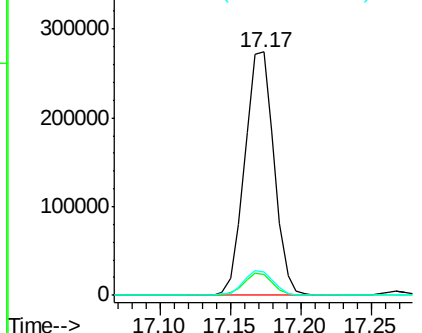
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG016983.D
Acq: 9 May 2015 8:48

Instrument :
BNA_G
ClientSampleId :
MWHHR2-9

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.4
80	9.5	8.8	13.2

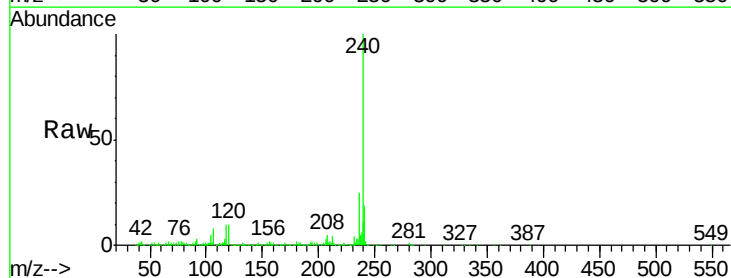


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): B
Ion 80.00 (79.70 to 80.70): B

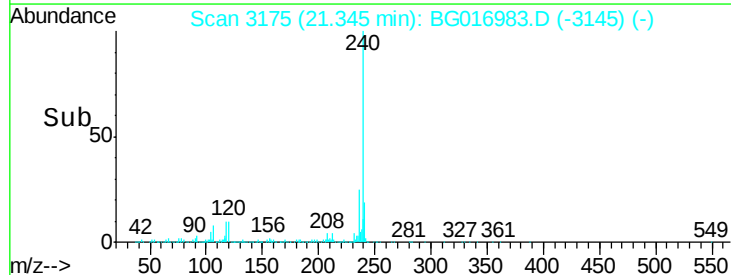
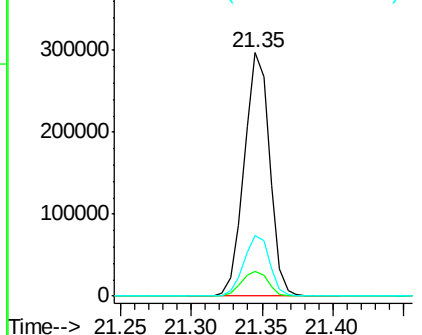


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BG016983.D
Acq: 9 May 2015 8:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.1	13.7
236	25.0	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: 95.78 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG016983.D

Acq: 9 May 2015 8:48

Instrument :

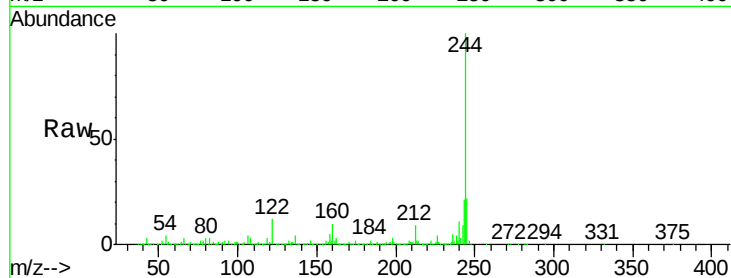
BNA_G

ClientSampleId :

MWHR2-9

Tgt Ion:244 Resp: 1537447

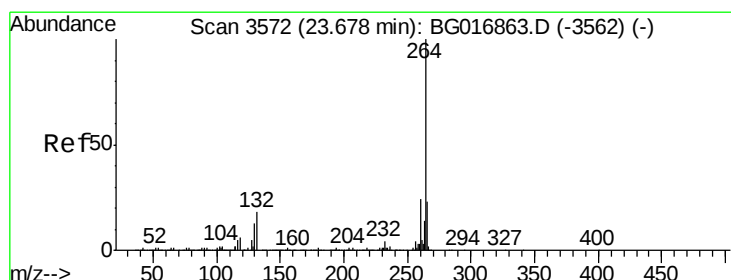
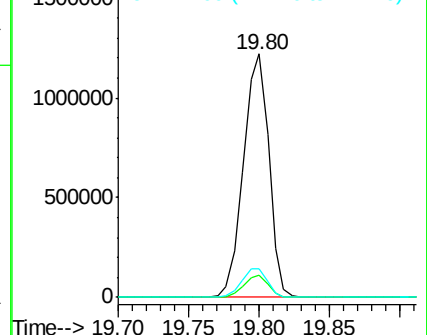
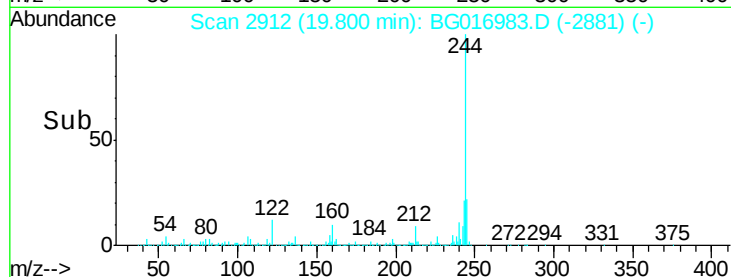
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	12.0	10.4	15.6



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

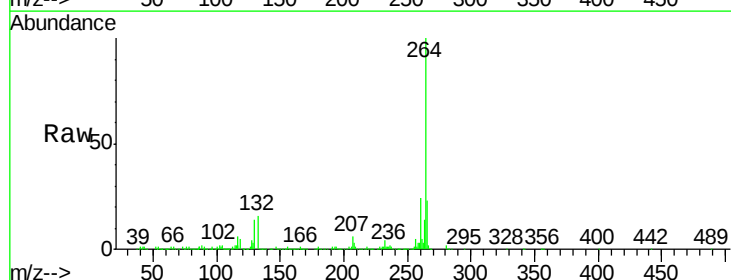
Delta R.T. -0.04 min

Lab File: BG016983.D

Acq: 9 May 2015 8:48

Tgt Ion:264 Resp: 378469

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.5	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

