

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016952.D
 Acq On : 8 May 2015 12:30
 Operator : TP/IZ
 Sample : G2057-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MWJ-2

Quant Time: May 09 00:11:11 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 23:46:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	54176	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	235303	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	164540	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	391475	20.00	ng	0.00
75) Chrysene-d12	21.35	240	396829	20.00	ng	-0.01
86) Perylene-d12	23.65	264	376823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	237306	76.27	ng	0.00
7) Phenol-d6	6.95	99	205638	46.26	ng	-0.01
23) Nitrobenzene-d5	8.95	82	486363	100.98	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	303187	183.55	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	1044518	95.79	ng	0.00
78) Terphenyl-d14	19.80	244	1732738	102.36	ng	0.00

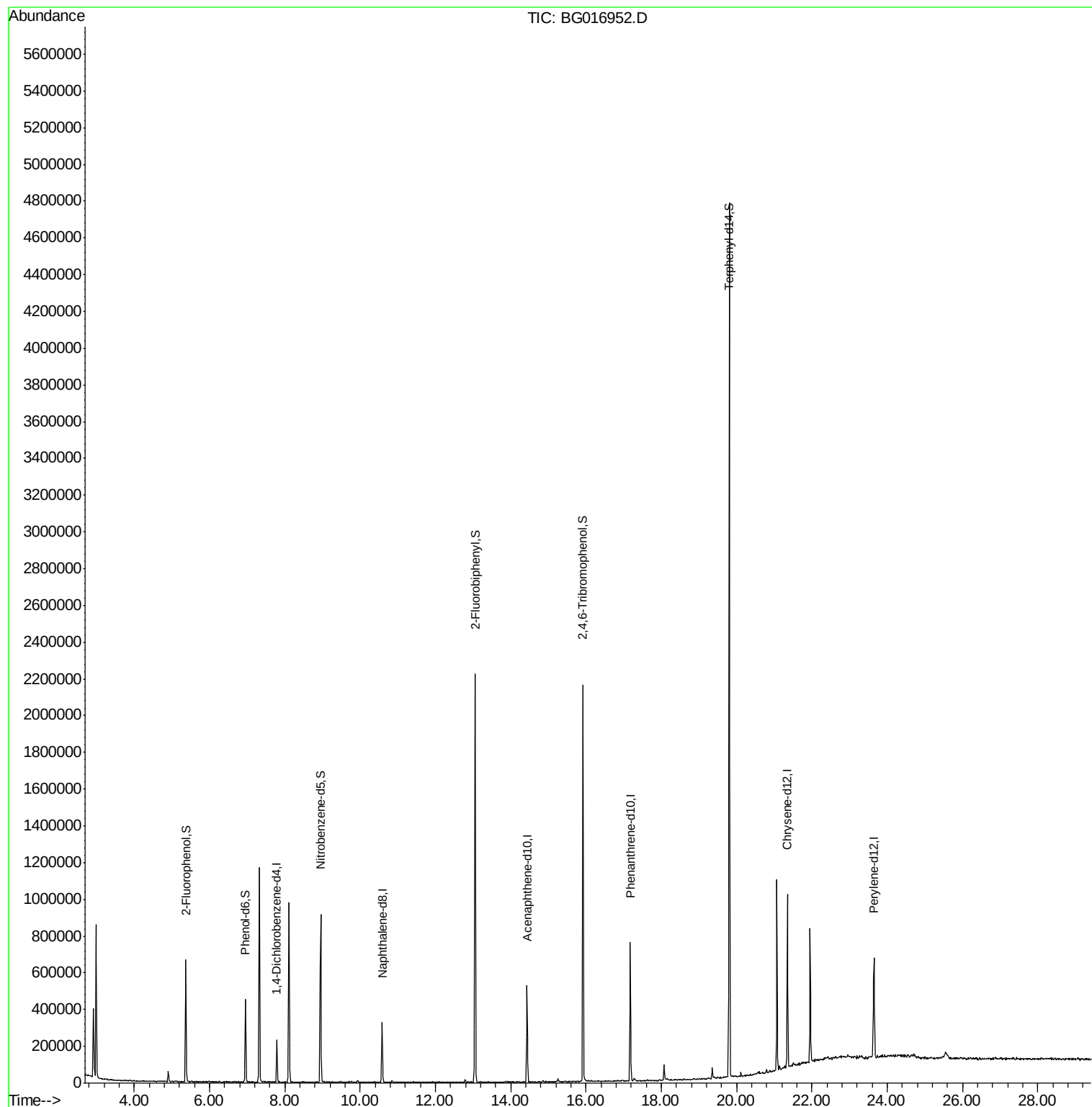
Target Compounds	Qvalue
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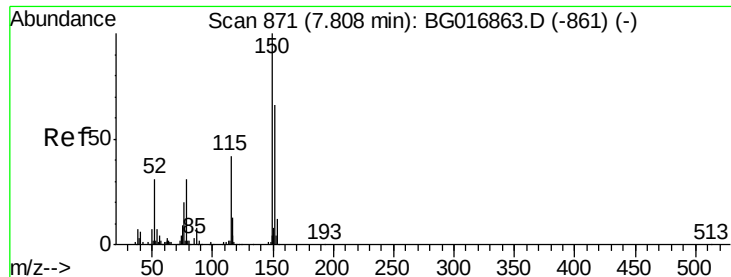
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG016952.D

Acq: 8 May 2015 12:30

Instrument :

BNA_G

ClientSampleId :

MWJ-2

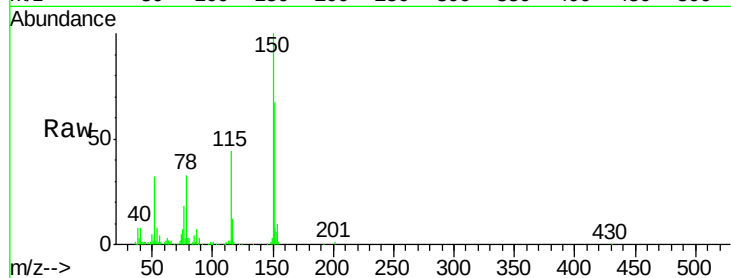
Tgt Ion:152 Resp: 54176

Ion Ratio Lower Upper

152 100

150 149.1 121.0 181.4

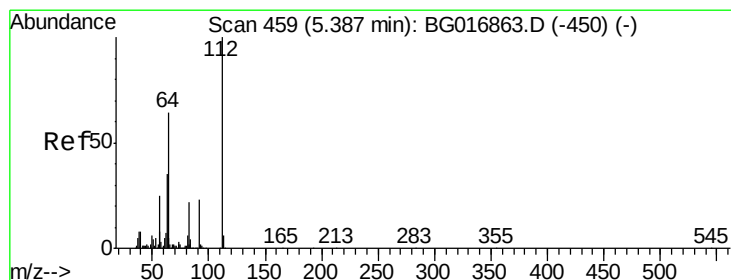
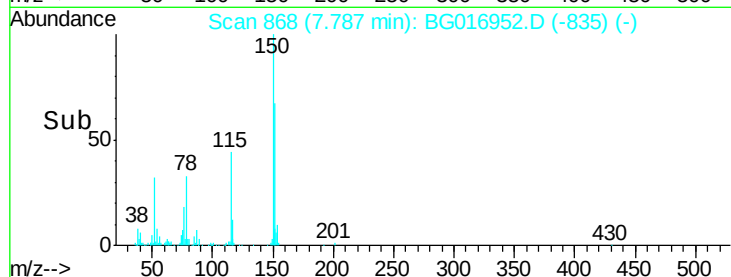
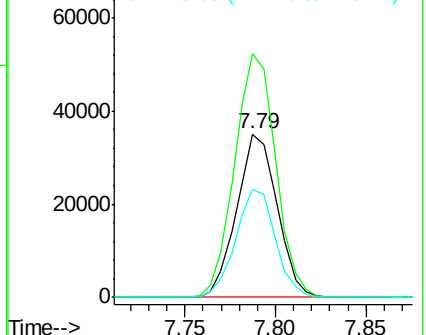
115 65.7 50.5 75.7



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: 76.27 ng

RT: 5.37 min Scan# 457

Delta R.T. -0.00 min

Lab File: BG016952.D

Acq: 8 May 2015 12:30

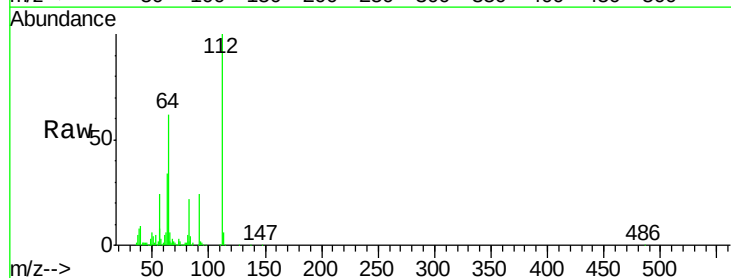
Tgt Ion:112 Resp: 237306

Ion Ratio Lower Upper

112 100

64 62.1 51.4 77.2

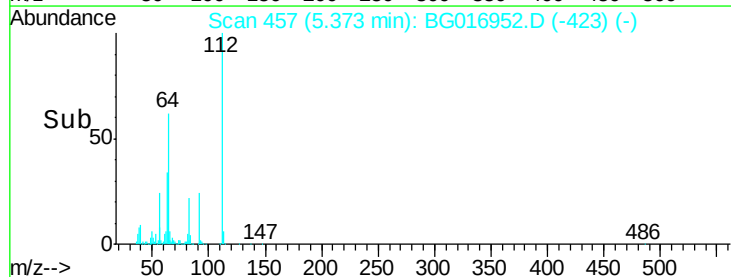
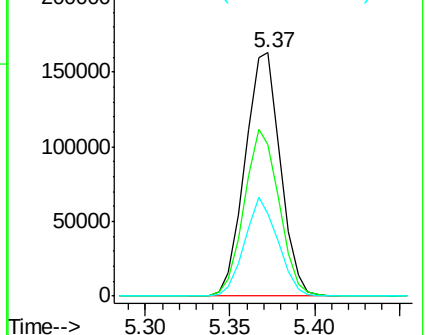
63 34.0 28.1 42.1

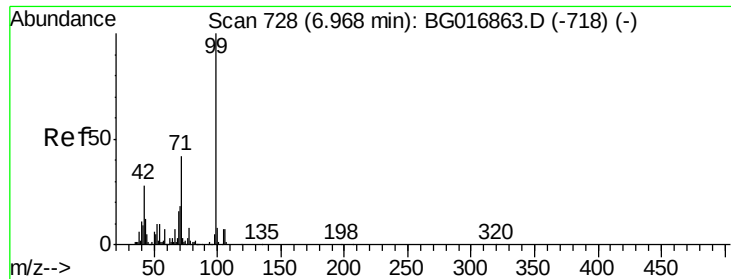


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 46.26 ng

RT: 6.95 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG016952.D

Acq: 8 May 2015 12:30

Instrument :

BNA_G

ClientSampleId :

MWJ-2

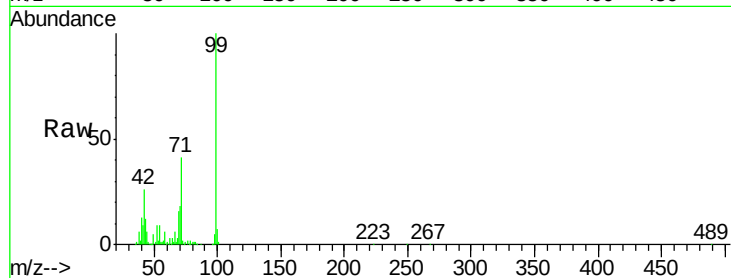
Tgt Ion: 99 Resp: 205638

Ion Ratio Lower Upper

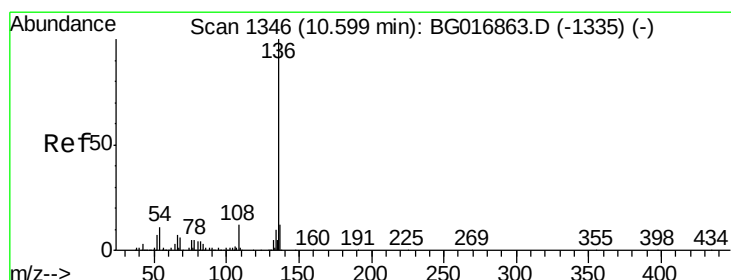
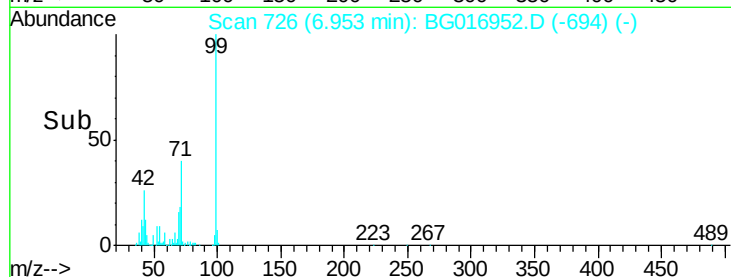
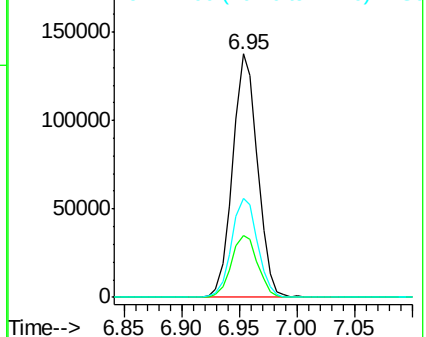
99 100

42 25.7 22.1 33.1

71 40.5 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# 1344

Delta R.T. -0.01 min

Lab File: BG016952.D

Acq: 8 May 2015 12:30

Tgt Ion: 136 Resp: 235303

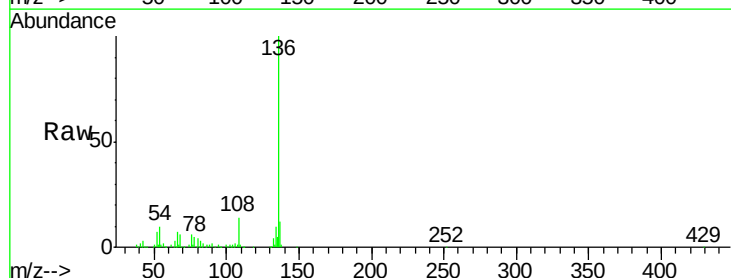
Ion Ratio Lower Upper

136 100

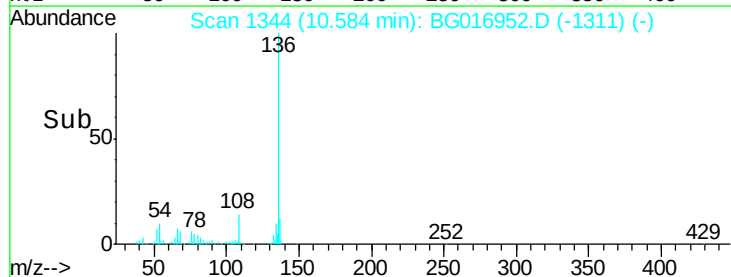
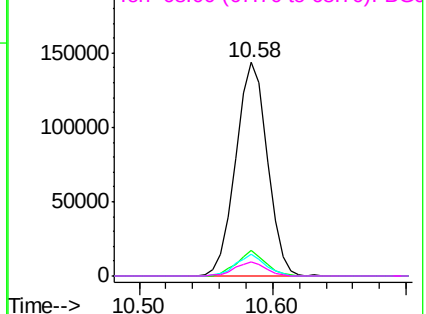
137 12.3 9.8 14.8

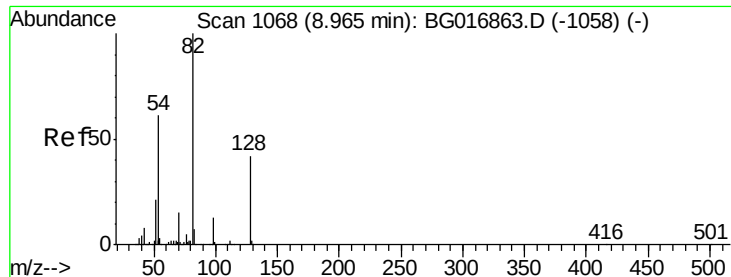
54 10.3 8.7 13.1

68 6.5 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

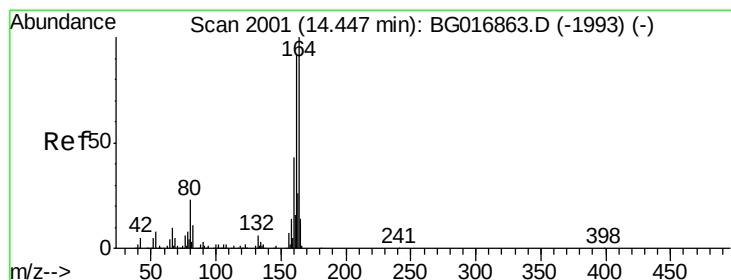
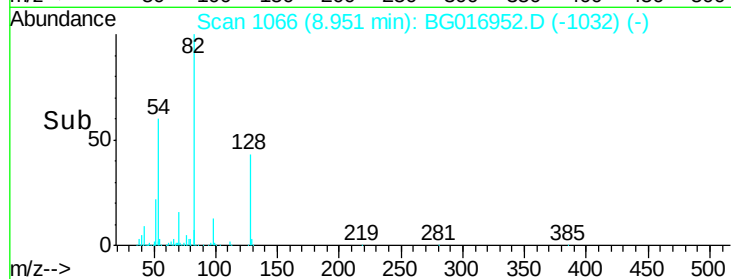
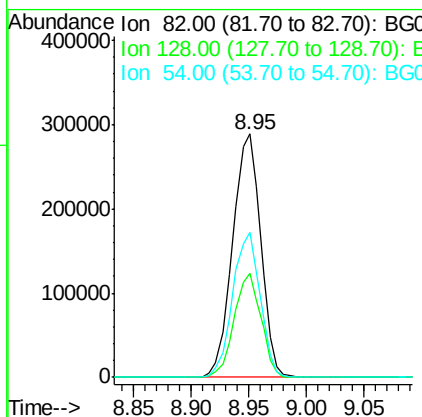
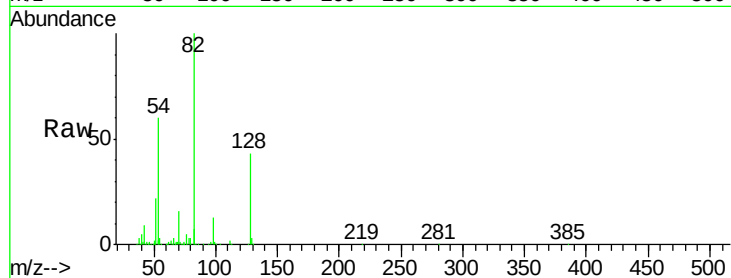




#23
 Nitrobenzene-d5
 Concen: 100.98 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BG016952.D
 Acq: 8 May 2015 12:30

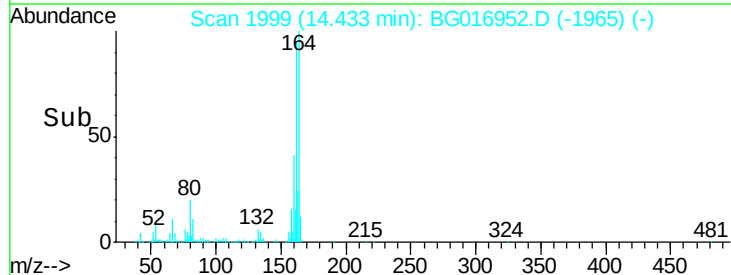
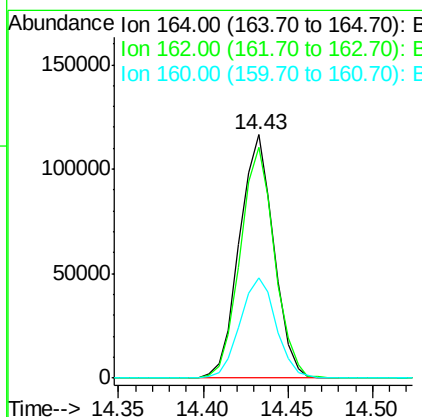
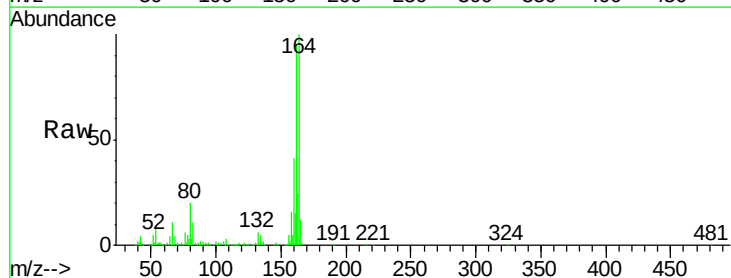
Instrument :
 BNA_G
 ClientSampleId :
 MWJ-2

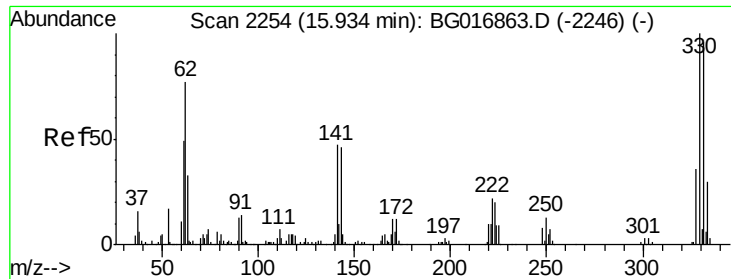
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.2	49.8
54	59.8	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1999
 Delta R.T. -0.00 min
 Lab File: BG016952.D
 Acq: 8 May 2015 12:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.6	74.0	111.0
160	40.9	34.7	52.1

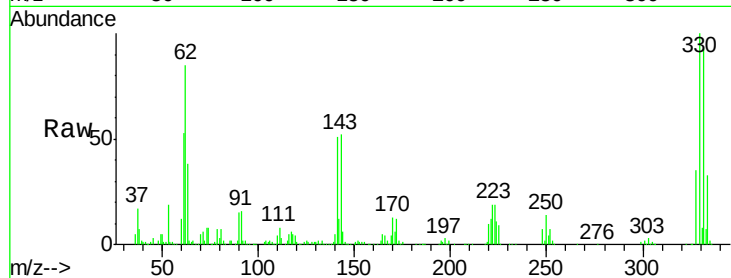




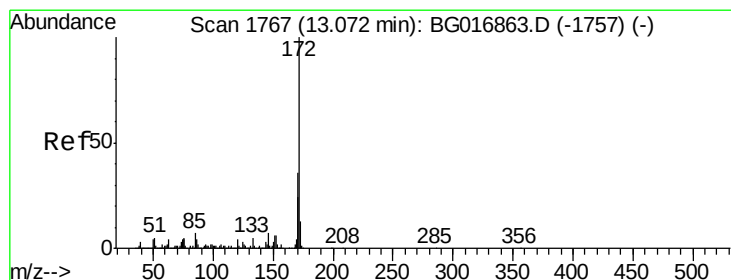
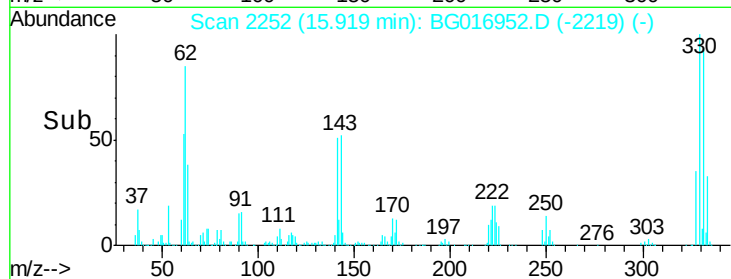
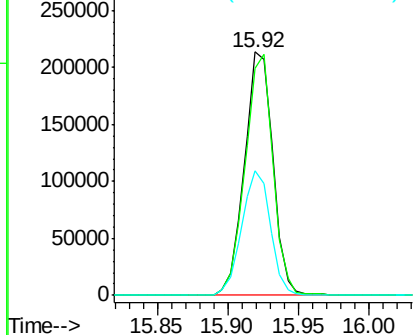
#41
 2,4,6-Tribromophenol
 Concen: 183.55 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BG016952.D
 Acq: 8 May 2015 12:30

Instrument :
 BNA_G
 ClientSampleId :
 MWJ-2

Tgt Ion:330 Resp: 303187
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 51.4 0.0 0.0#

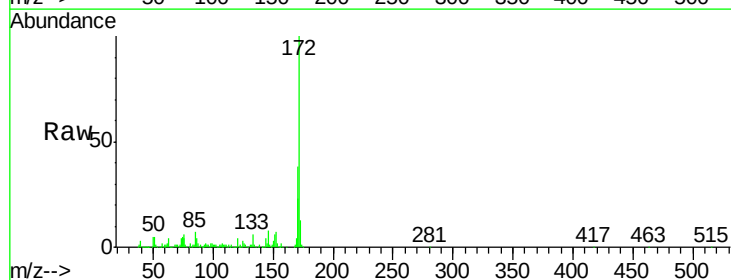


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

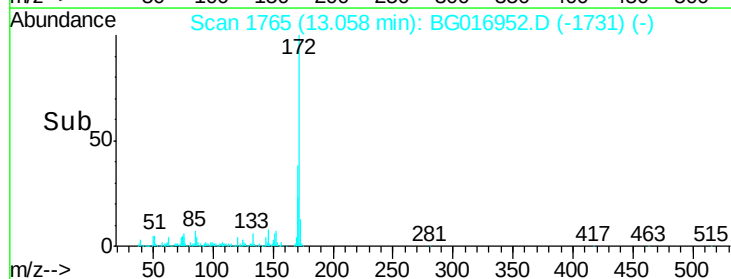
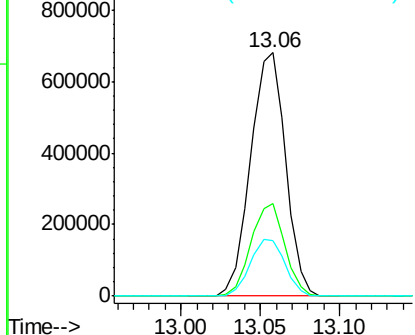


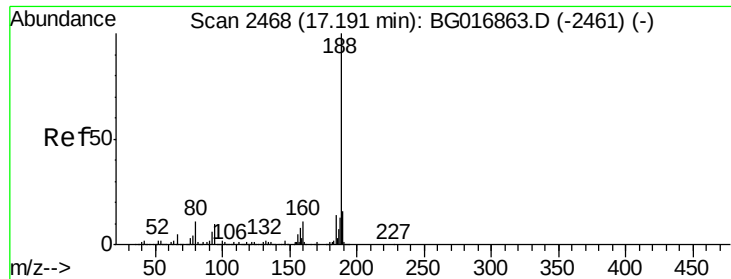
#44
 2-Fluorobiphenyl
 Concen: 95.79 ng
 RT: 13.06 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BG016952.D
 Acq: 8 May 2015 12:30

Tgt Ion:172 Resp: 1044518
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.0 43.4
 170 22.9 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

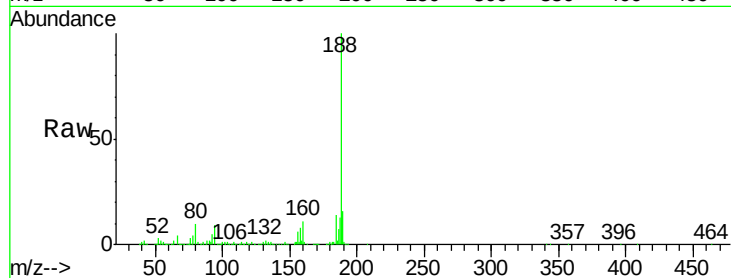




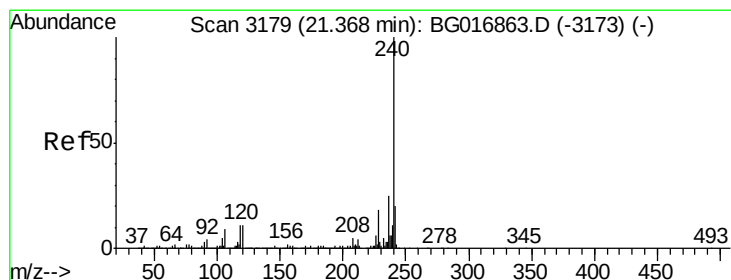
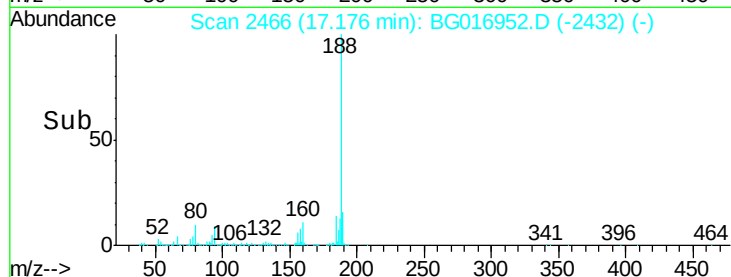
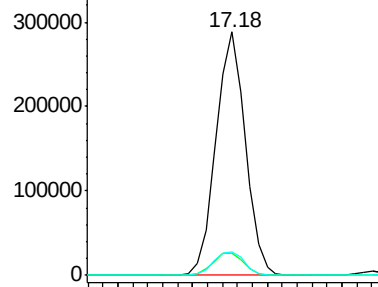
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG016952.D
Acq: 8 May 2015 12:30

Instrument :
BNA_G
ClientSampleId :
MWJ-2

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.4
80	9.9	8.8	13.2

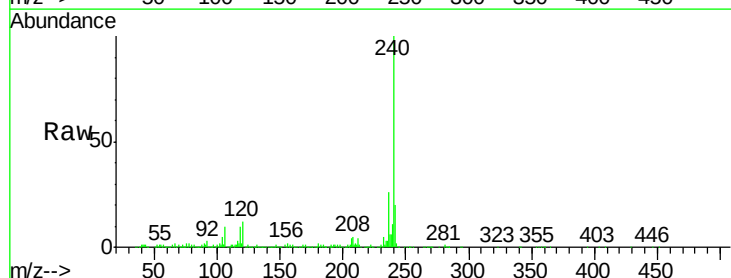


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

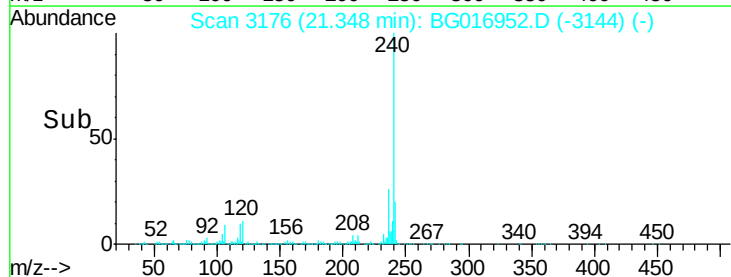
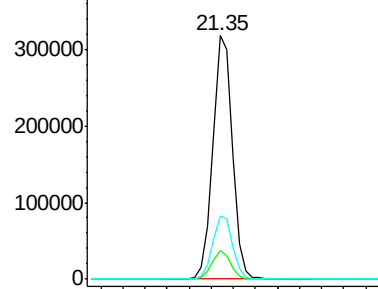


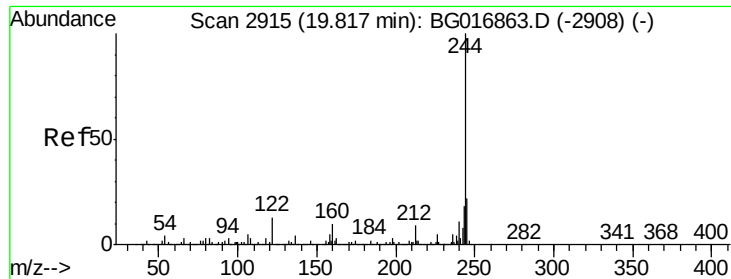
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG016952.D
Acq: 8 May 2015 12:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.1	13.7
236	25.8	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: 102.36 ng

RT: 19.80 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BG016952.D

Acq: 8 May 2015 12:30

Instrument :

BNA_G

ClientSampleId :

MWJ-2

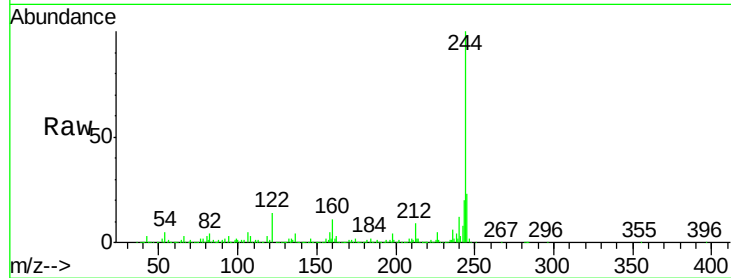
Tgt Ion:244 Resp: 1732738

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

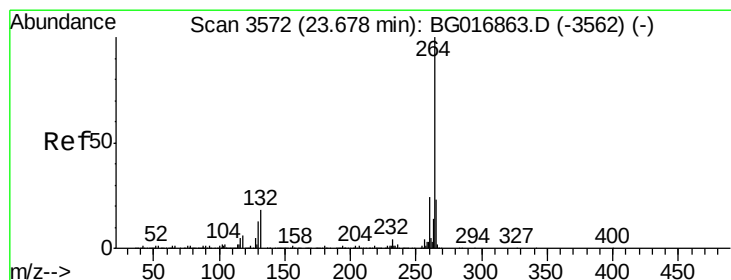
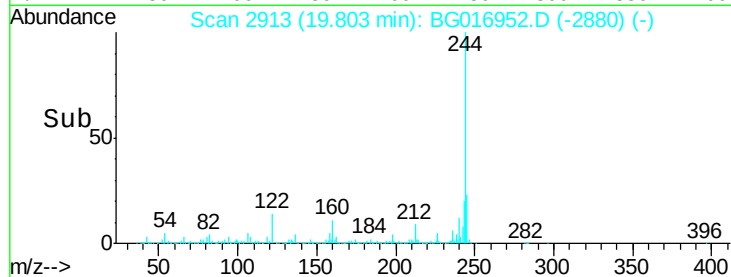
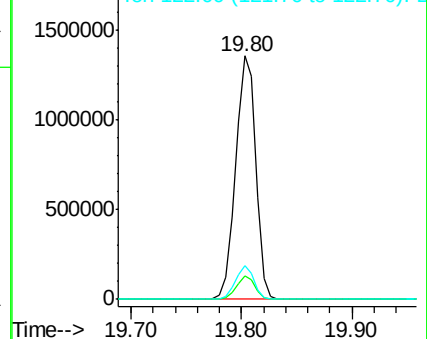
122 14.0 10.4 15.6



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: 23.65 min Scan# 3568

Delta R.T. -0.01 min

Lab File: BG016952.D

Acq: 8 May 2015 12:30

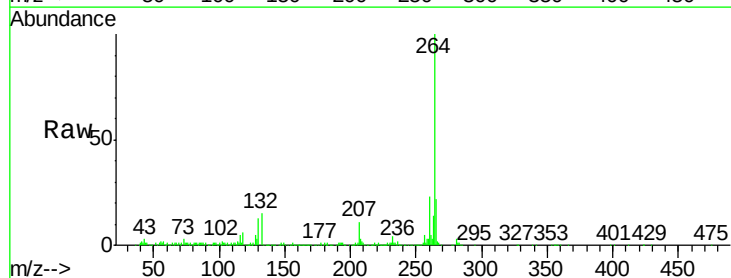
Tgt Ion:264 Resp: 376823

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 22.2 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

