

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016978.D
 Acq On : 9 May 2015 5:54
 Operator : TP/IZ
 Sample : G2059-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MWHR3-14

Quant Time: May 09 06:54:40 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

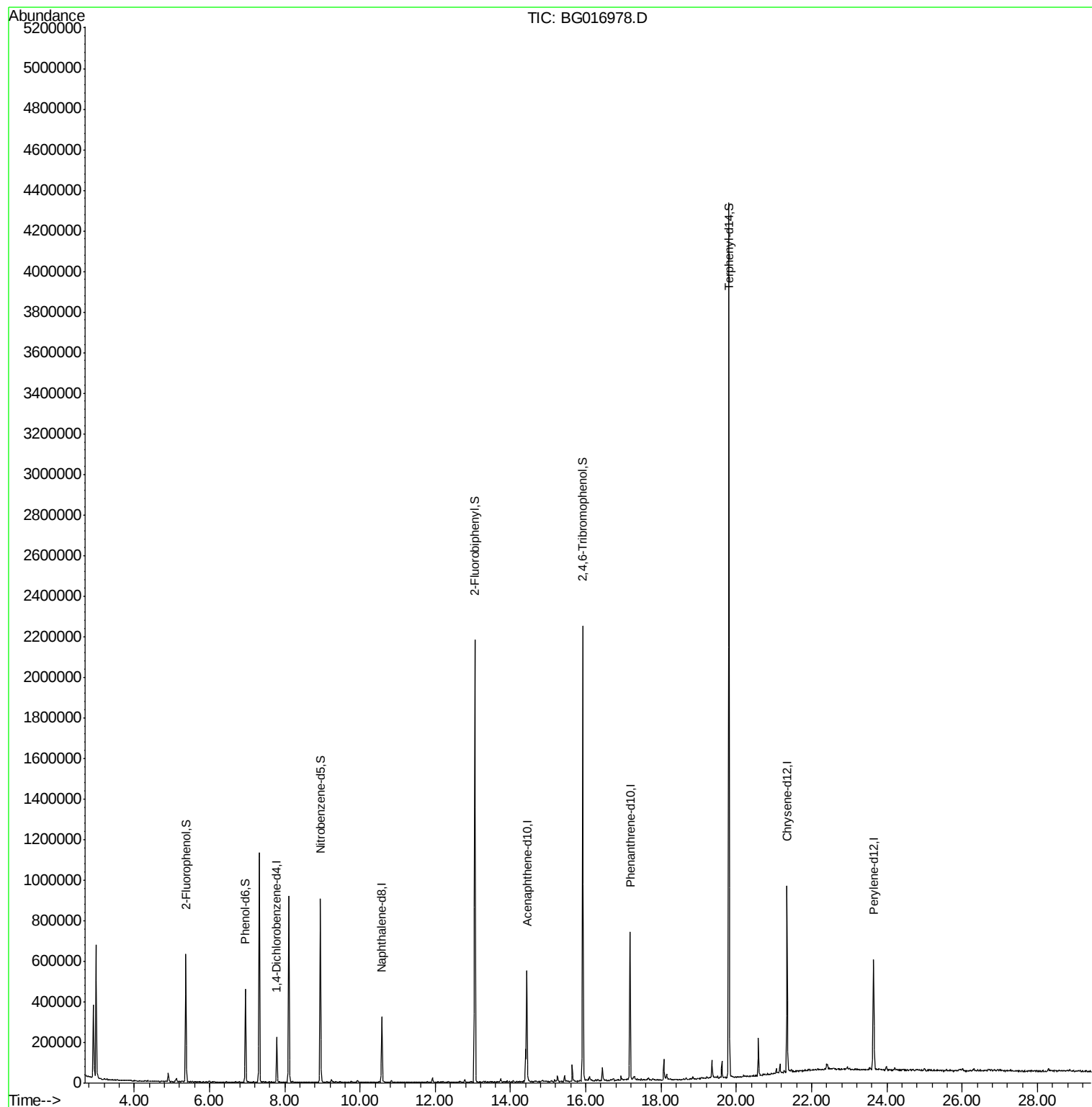
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	53377	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	240197	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	170129	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	395710	20.00	ng	0.00
75) Chrysene-d12	21.35	240	378595	20.00	ng	0.00
86) Perylene-d12	23.64	264	380059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	229890	74.99	ng	0.00
7) Phenol-d6	6.96	99	210399	48.04	ng	0.00
23) Nitrobenzene-d5	8.95	82	466832	94.95	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	303946	177.96	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1000891	88.78	ng	0.00
78) Terphenyl-d14	19.80	244	1620280	100.33	ng	0.00
Target Compounds						
32) Benzoic acid	9.89	122	104	Below Cal	Qvalue #	24

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

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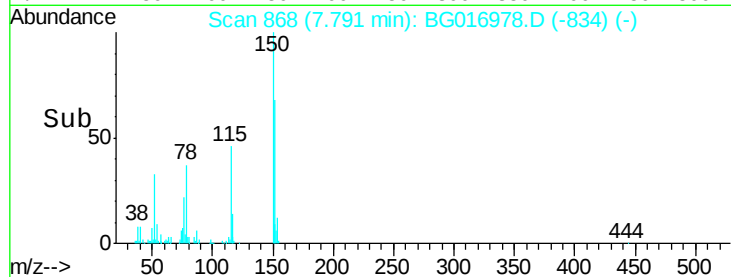
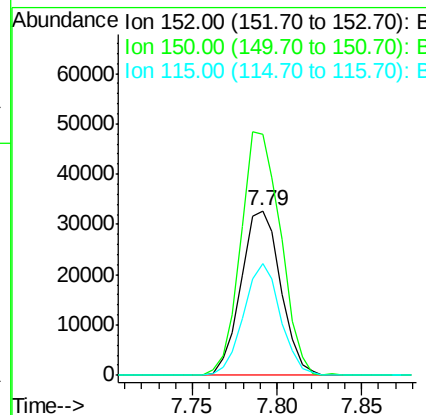
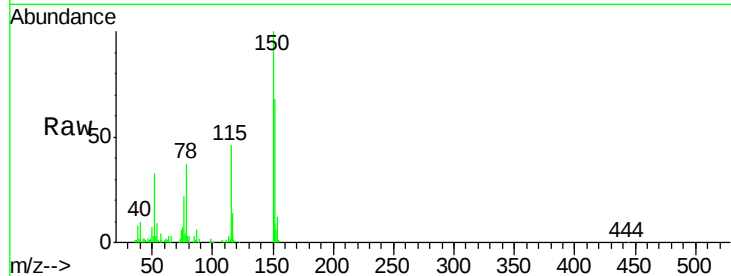


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.00 min
Lab File: BG016978.D
Acq: 9 May 2015 5:54

Instrument :
BNA_G
ClientSampleId :
MWHR3-14

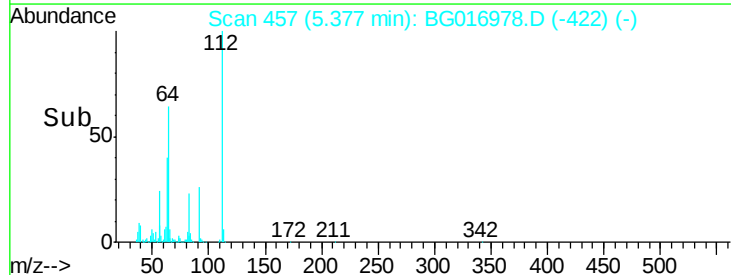
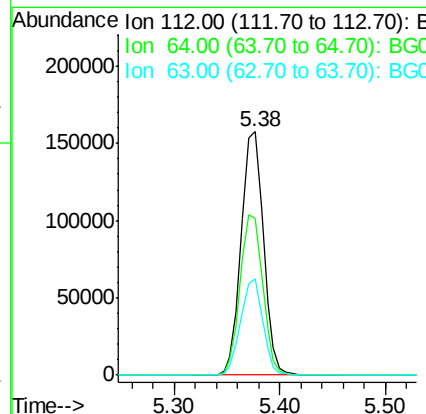
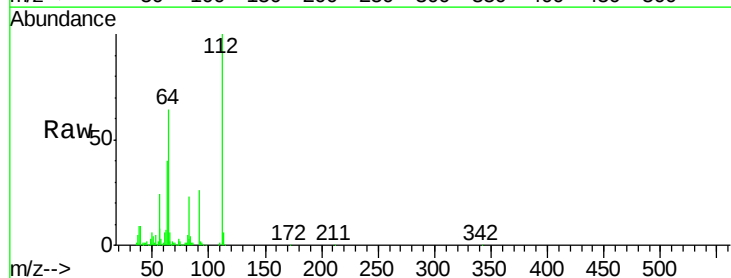
Tgt Ion:152 Resp: 53377
Ion Ratio Lower Upper
152 100
150 146.7 121.0 181.4
115 68.2 50.5 75.7

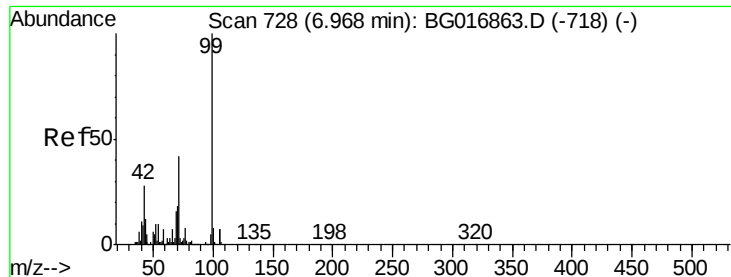


#5

2-Fluorophenol
Concen: 74.99 ng
RT: 5.38 min Scan# 457
Delta R.T. 0.00 min
Lab File: BG016978.D
Acq: 9 May 2015 5:54

Tgt Ion:112 Resp: 229890
Ion Ratio Lower Upper
112 100
64 64.4 51.4 77.2
63 39.6 28.1 42.1





#7

Phenol-d6

Concen: 48.04 ng

RT: 6.96 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG016978.D

Acq: 9 May 2015 5:54

Instrument :

BNA_G

ClientSampleId :

MWHR3-14

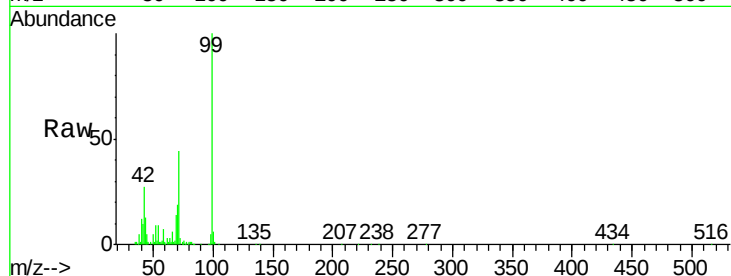
Tgt Ion: 99 Resp: 210399

Ion Ratio Lower Upper

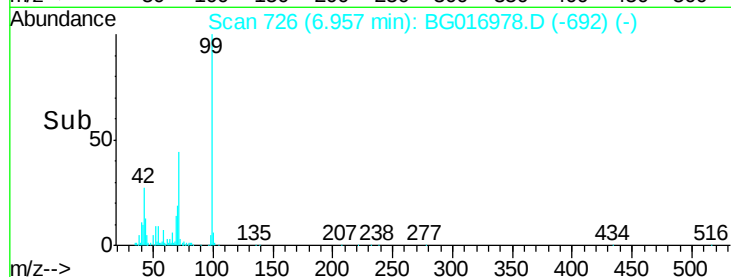
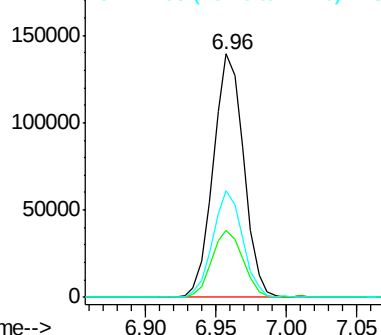
99 100

42 27.5 22.1 33.1

71 43.7 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. -0.00 min

Lab File: BG016978.D

Acq: 9 May 2015 5:54

Tgt Ion: 136 Resp: 240197

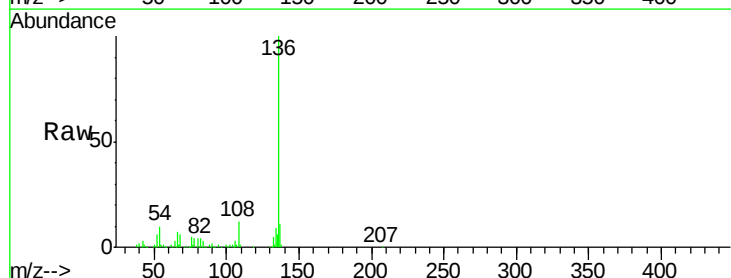
Ion Ratio Lower Upper

136 100

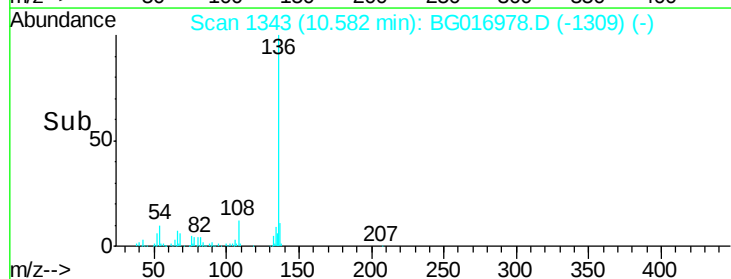
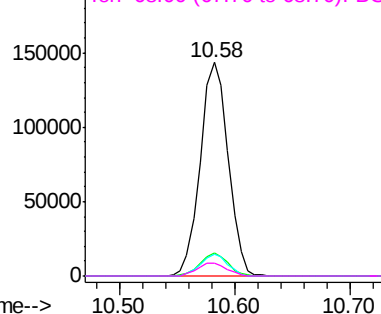
137 10.6 9.8 14.8

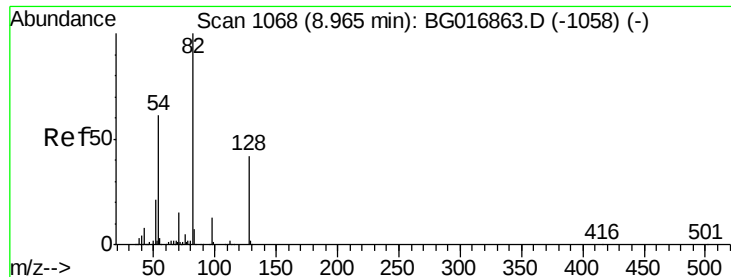
54 10.3 8.7 13.1

68 5.7 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

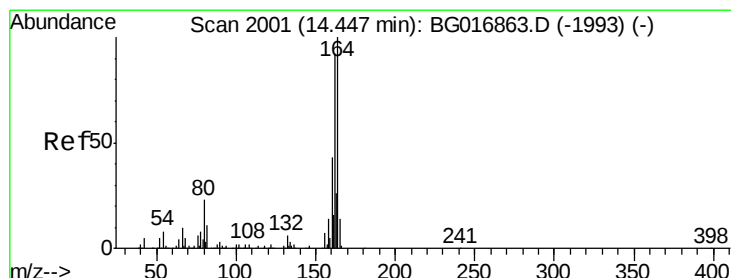
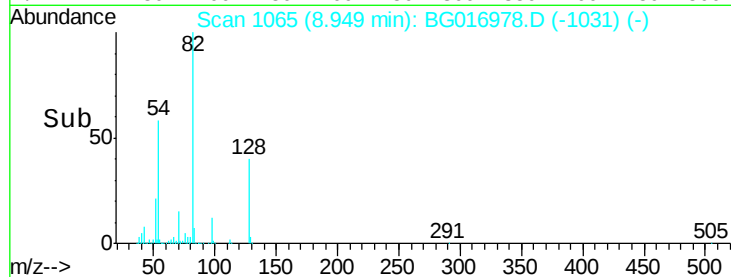
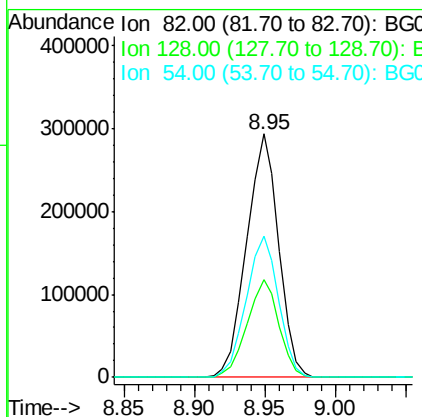
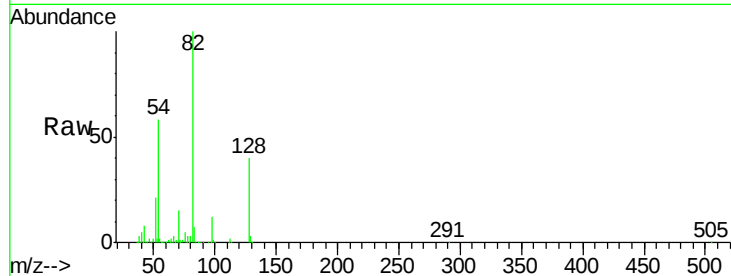




#23
 Nitrobenzene-d5
 Concen: 94.95 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG016978.D
 Acq: 9 May 2015 5:54

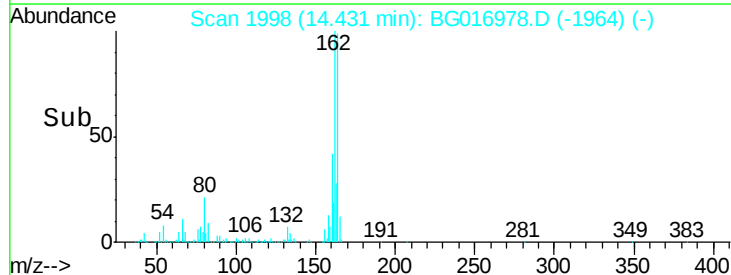
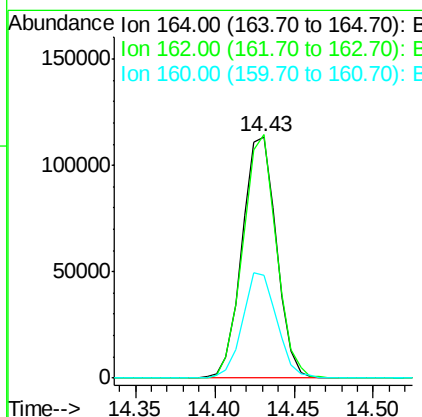
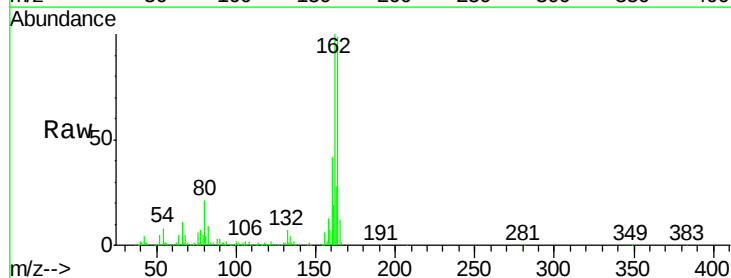
Instrument :
 BNA_G
 ClientSampleId :
 MWHR3-14

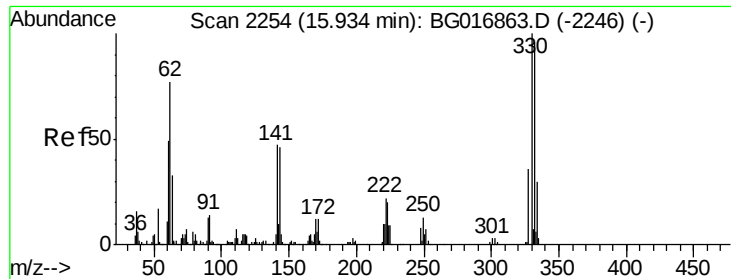
Tgt Ion: 82 Resp: 466832
 Ion Ratio Lower Upper
 82 100
 128 40.3 33.2 49.8
 54 57.8 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG016978.D
 Acq: 9 May 2015 5:54

Tgt Ion: 164 Resp: 170129
 Ion Ratio Lower Upper
 164 100
 162 101.0 74.0 111.0
 160 42.7 34.7 52.1

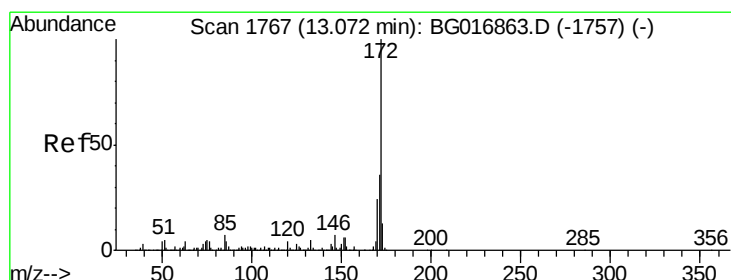
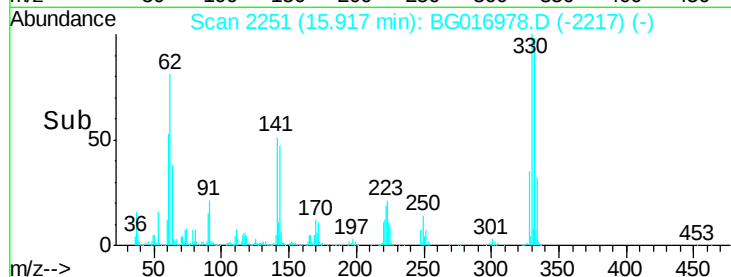
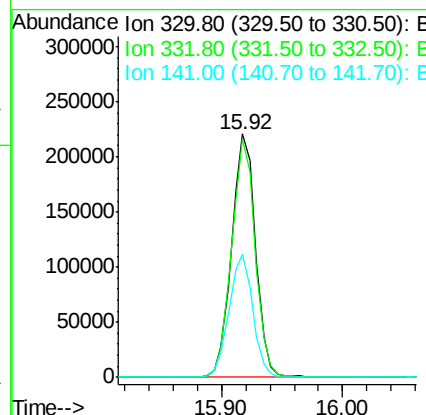
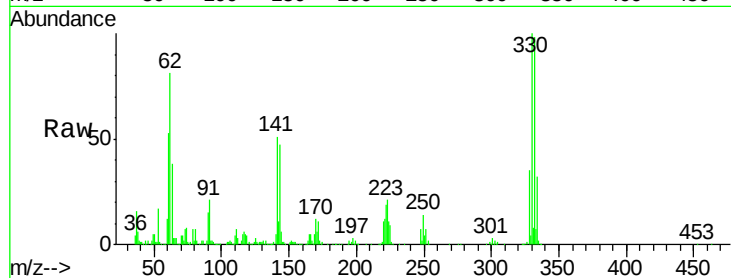




#41
 2,4,6-Tribromophenol
 Concen: 177.96 ng
 RT: 15.92 min Scan# 2251
 Delta R.T. -0.00 min
 Lab File: BG016978.D
 Acq: 9 May 2015 5:54

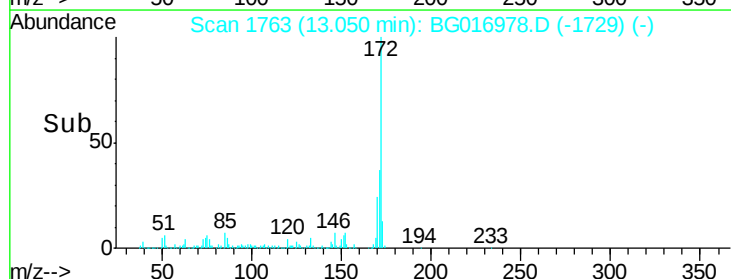
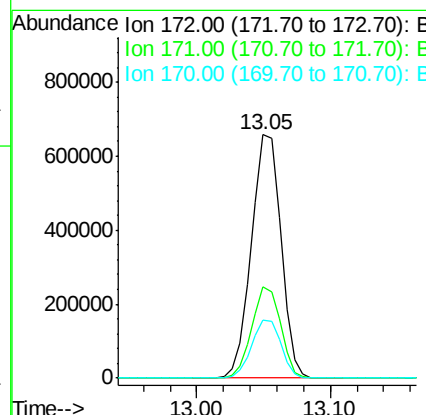
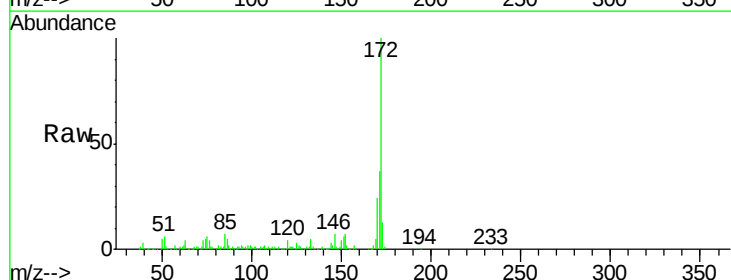
Instrument :
 BNA_G
 ClientSampleId :
 MWHR3-14

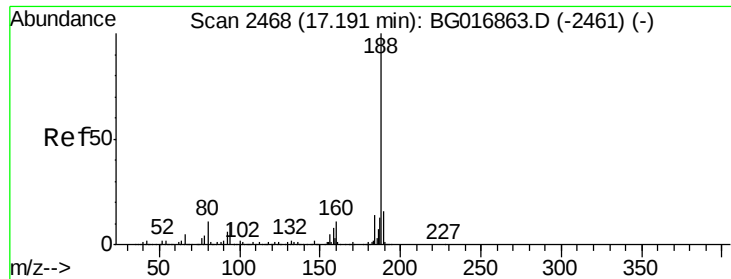
Tgt Ion:330 Resp: 303946
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 50.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 88.78 ng
 RT: 13.05 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: BG016978.D
 Acq: 9 May 2015 5:54

Tgt Ion:172 Resp: 1000891
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.0 43.4
 170 24.0 19.0 28.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BG016978.D

Acq: 9 May 2015 5:54

Instrument :

BNA_G

ClientSampleId :

MWHR3-14

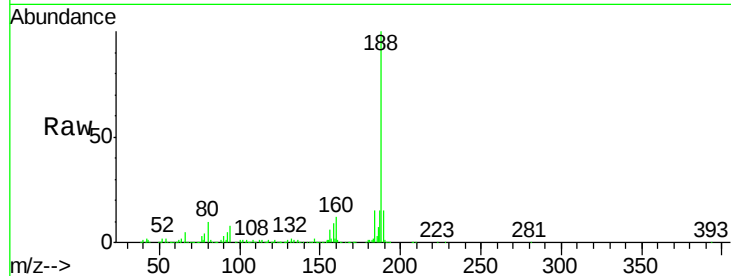
Tgt Ion:188 Resp: 395710

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.4

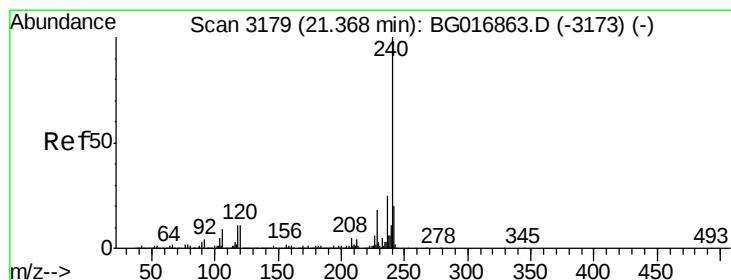
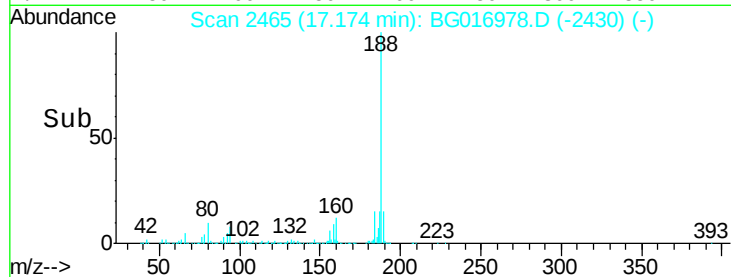
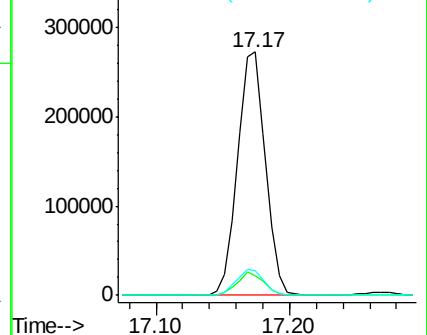
80 10.1 8.8 13.2



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# 3175

Delta R.T. -0.00 min

Lab File: BG016978.D

Acq: 9 May 2015 5:54

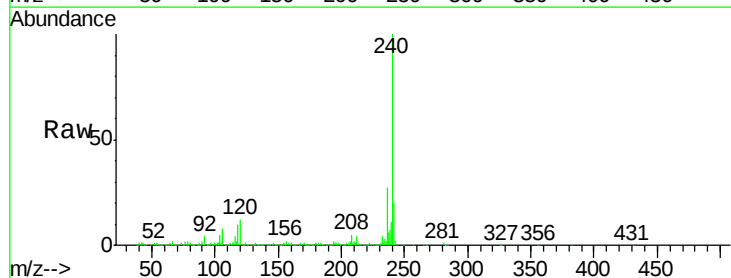
Tgt Ion:240 Resp: 378595

Ion Ratio Lower Upper

240 100

120 11.8 9.1 13.7

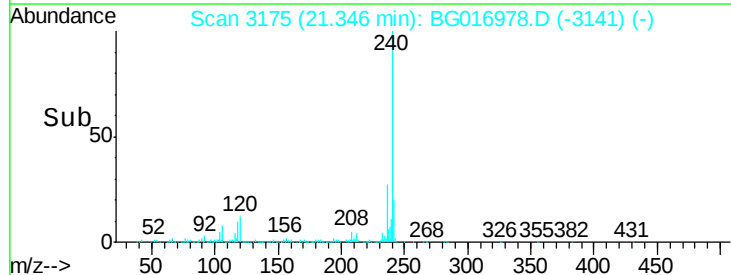
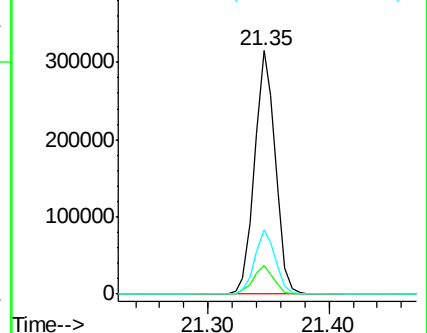
236 26.6 20.2 30.4

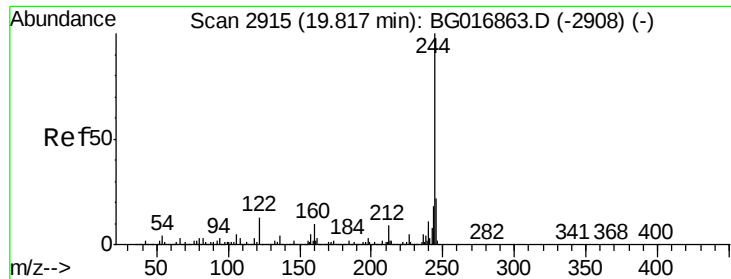


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.33 ng

RT: 19.80 min Scan# 2912

Delta R.T. 0.00 min

Lab File: BG016978.D

Acq: 9 May 2015 5:54

Instrument :

BNA_G

ClientSampleId :

MWHR3-14

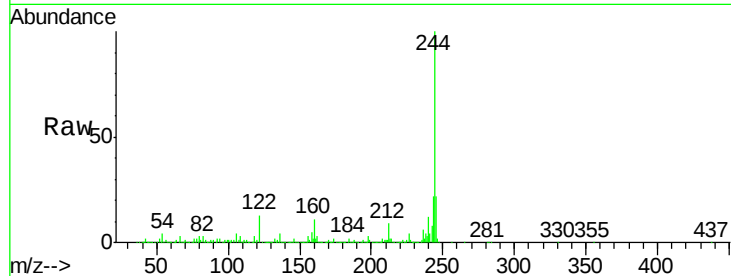
Tgt Ion:244 Resp: 1620280

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.6

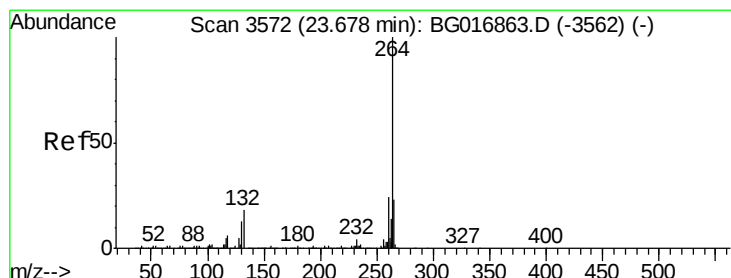
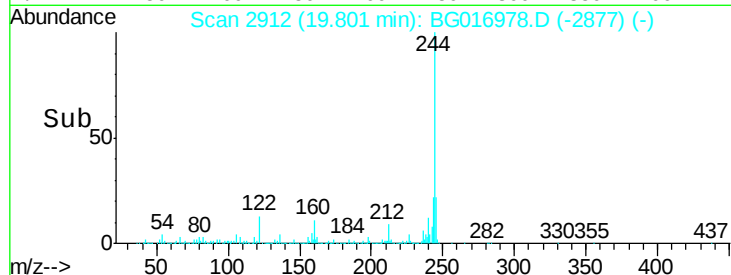
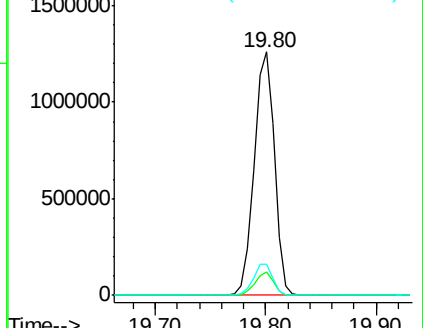
122 12.8 10.4 15.6



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. -0.00 min

Lab File: BG016978.D

Acq: 9 May 2015 5:54

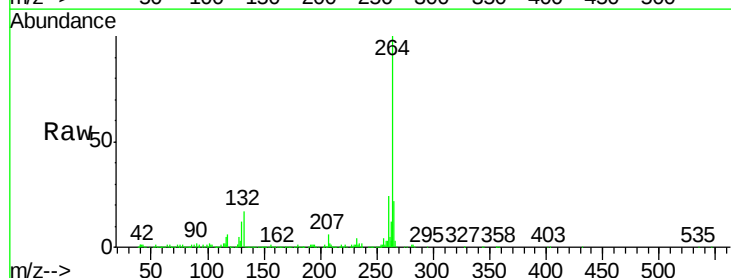
Tgt Ion:264 Resp: 380059

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 22.0 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

