

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
 Data File : BG016788.D
 Acq On : 29 Apr 2015 7:21
 Operator : TP/IZ
 Sample : G2004-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-13

Quant Time: Apr 29 08:07:02 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 07:42:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	81205	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	360089	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	201673	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	356439	20.00	ng	0.00
75) Chrysene-d12	21.16	240	305312	20.00	ng	0.00
86) Perylene-d12	23.36	264	294707	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	238032	47.57	ng	0.00
7) Phenol-d6	6.77	99	202427	28.83	ng	0.00
23) Nitrobenzene-d5	8.73	82	372856	65.43	ng	0.00
41) 2,4,6-Tribromophenol	15.73	330	143955	96.22	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	881277	70.21	ng	0.00
78) Terphenyl-d14	19.61	244	748087	56.44	ng	0.00

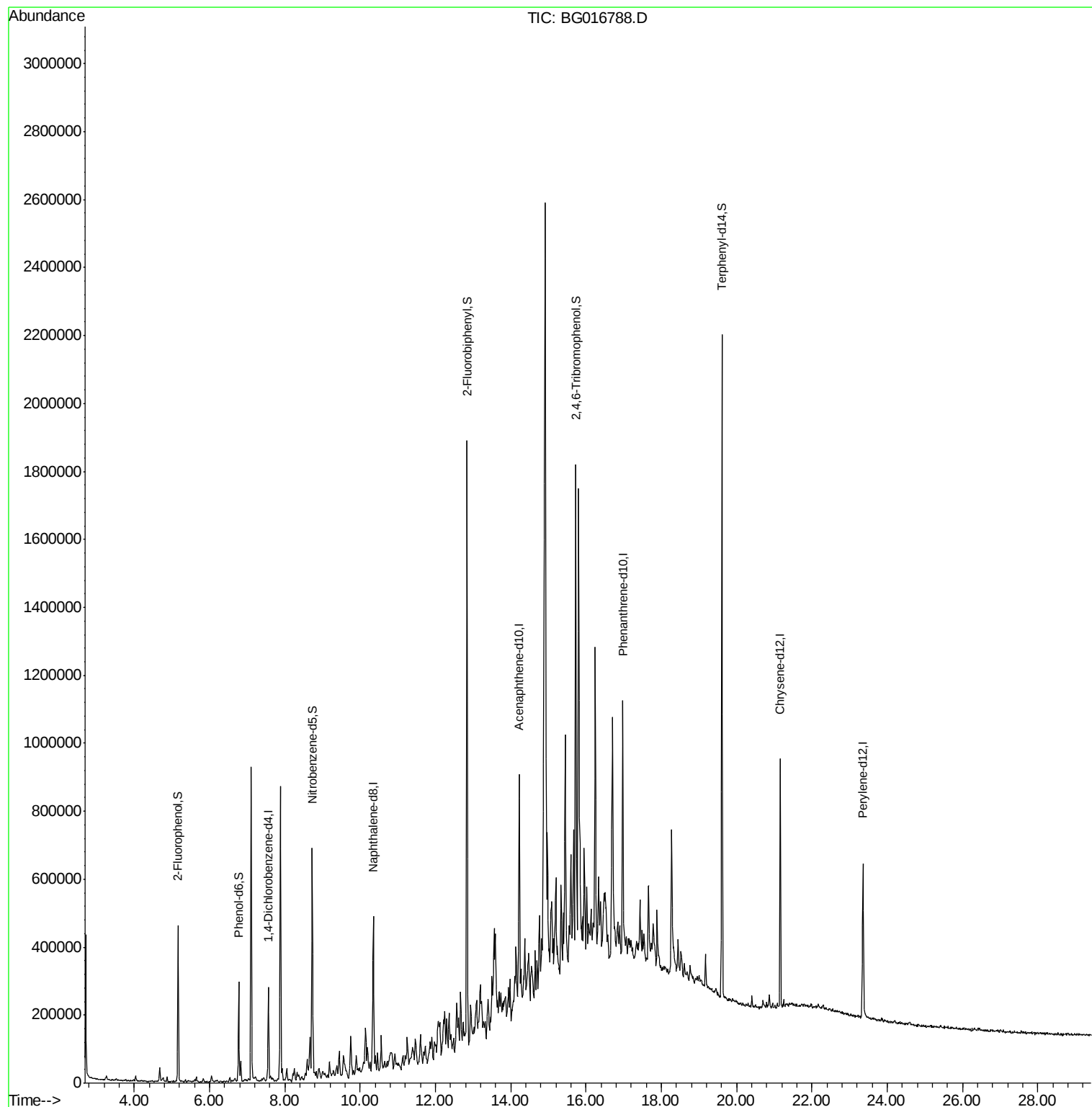
Target Compounds Qvalue

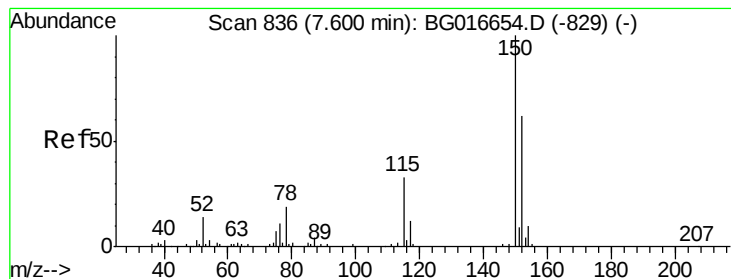
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.57 min Scan# 830

Delta R.T. 0.00 min

Lab File: BG016788.D

Acq: 29 Apr 2015 7:21

Instrument :

BNA_G

ClientSampleId :

MW-13

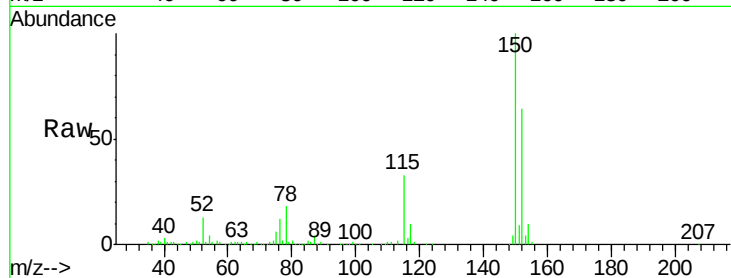
Tot Ion:152 Resp: 81205

Ion Ratio Lower Upper

152 100

150 155.9 129.6 194.4

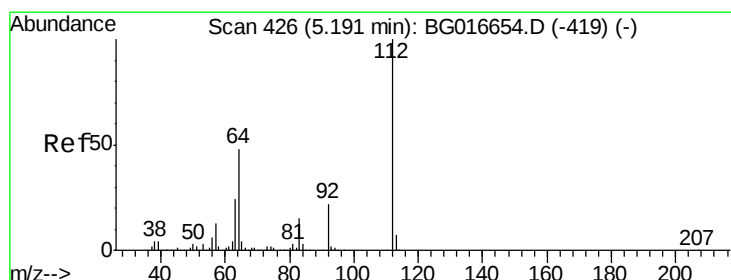
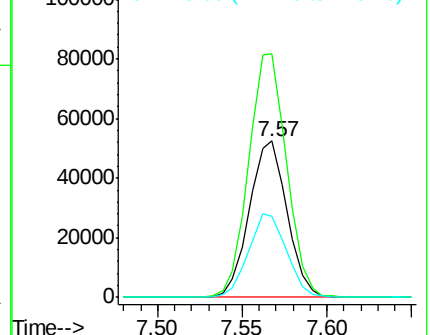
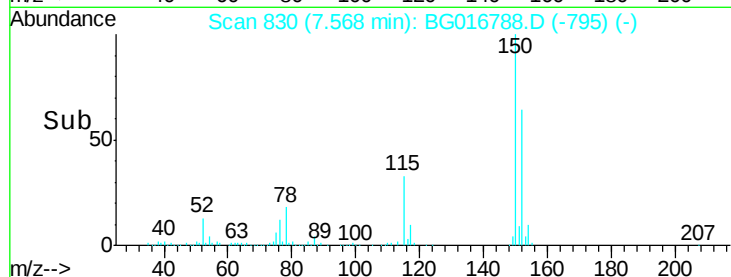
115 52.0 43.0 64.6



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: 47.57 ng

RT: 5.16 min Scan# 421

Delta R.T. 0.01 min

Lab File: BG016788.D

Acq: 29 Apr 2015 7:21

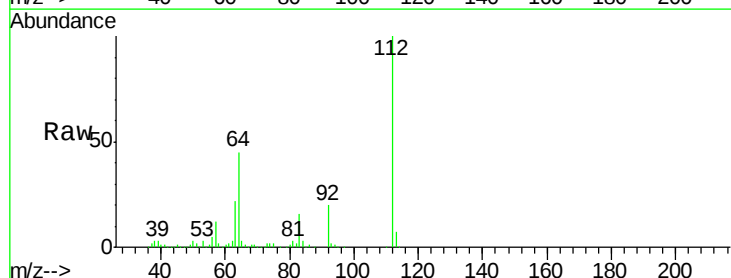
Tgt Ion:112 Resp: 238032

Ion Ratio Lower Upper

112 100

64 44.9 38.3 57.5

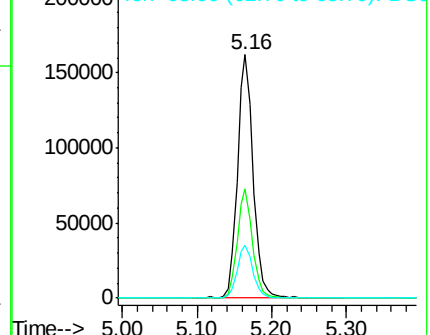
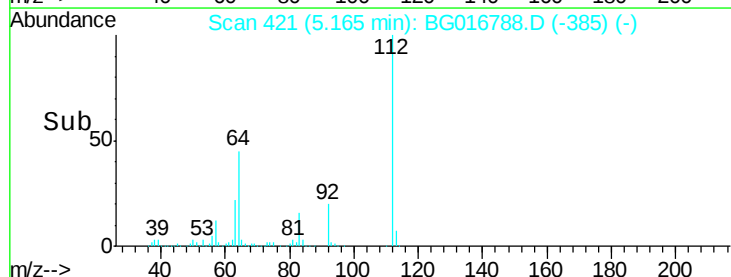
63 22.0 18.9 28.3

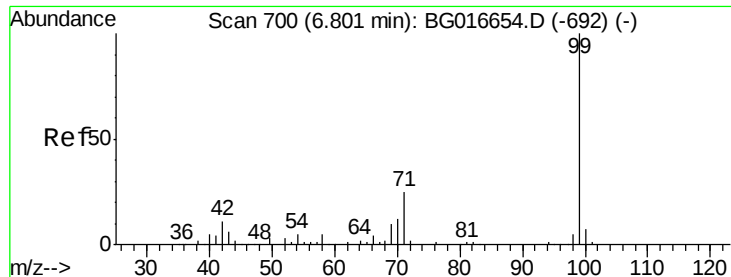


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 28.83 ng

RT: 6.77 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG016788.D

Acq: 29 Apr 2015 7:21

Instrument :

BNA_G

ClientSampleId :

MW-13

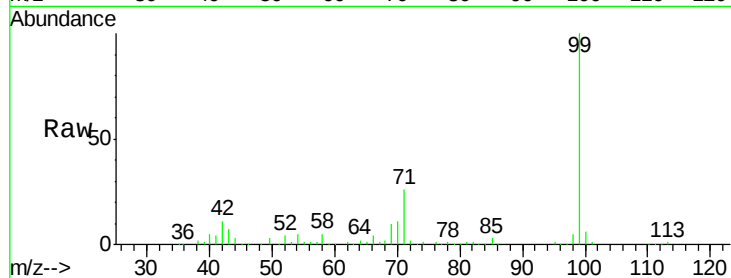
Tot Ion: 99 Resp: 202427

Ion Ratio Lower Upper

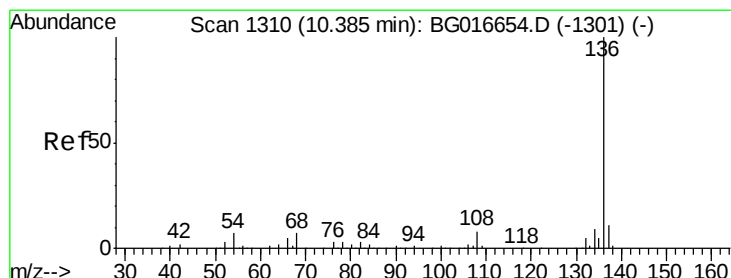
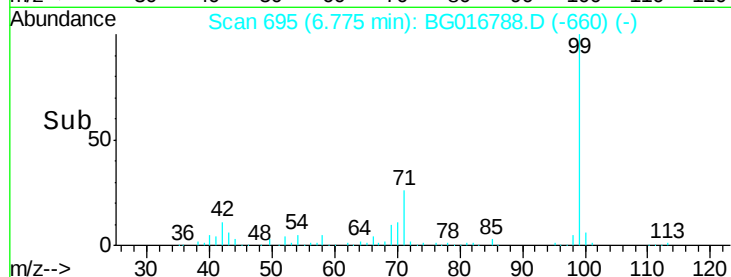
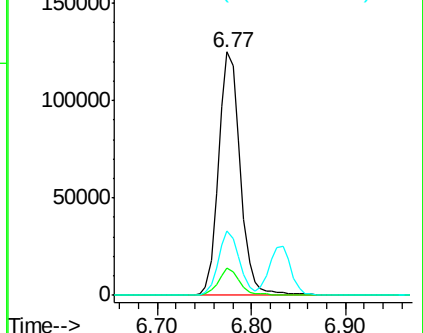
99 100

42 11.2 8.8 13.2

71 26.5 19.9 29.9



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: 10.35 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BG016788.D

Acq: 29 Apr 2015 7:21

Tgt Ion: 136 Resp: 360089

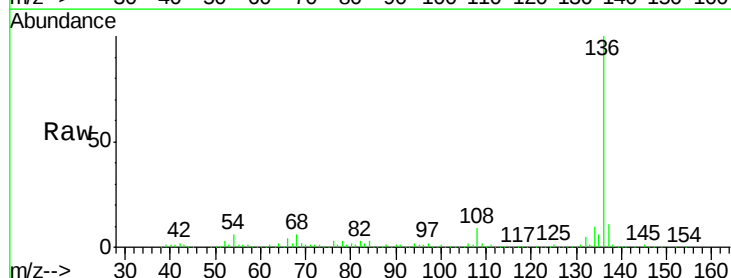
Ion Ratio Lower Upper

136 100

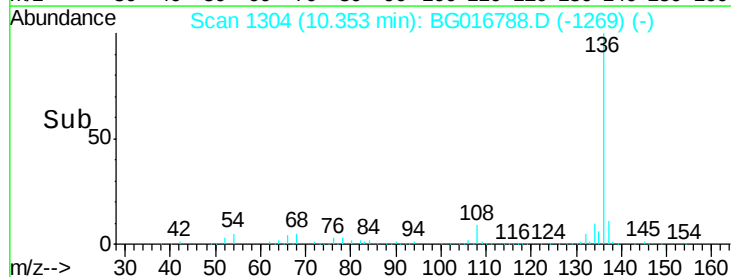
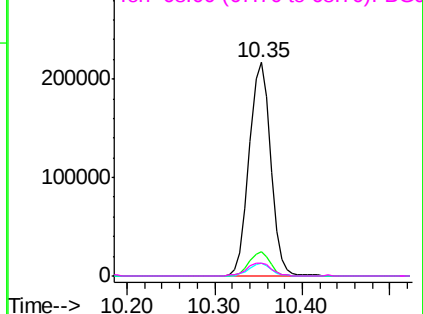
137 11.2 8.5 12.7

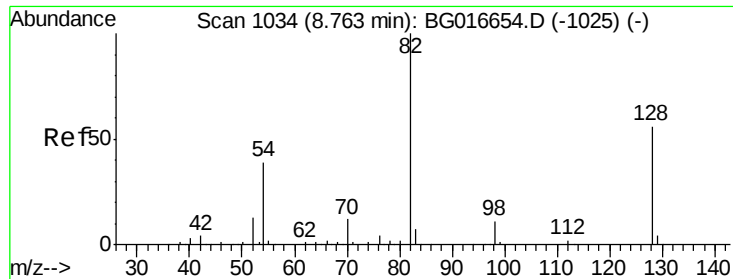
54 5.9 5.4 8.2

68 6.2 5.2 7.8



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

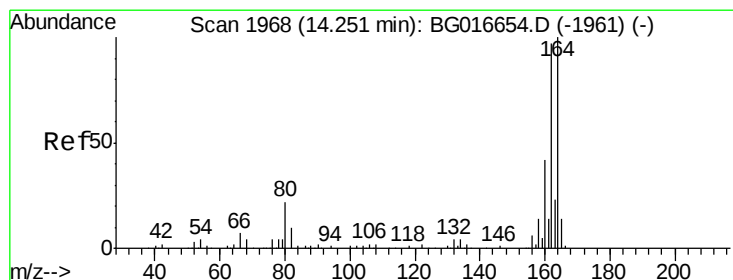
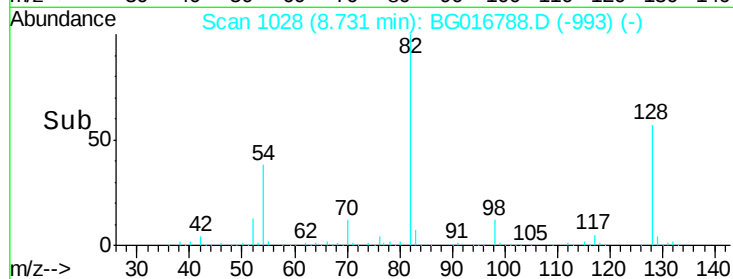
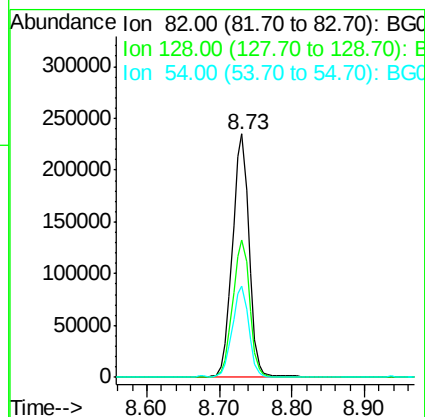
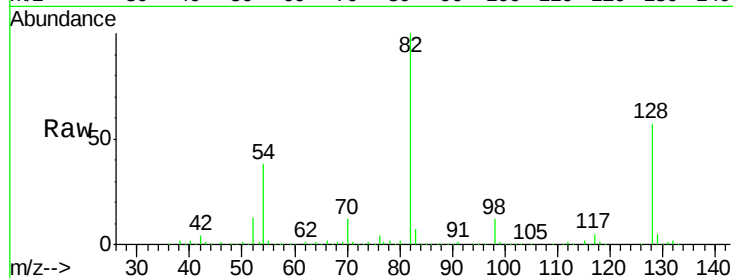




#23
 Nitrobenzene-d5
 Concen: 65.43 ng
 RT: 8.73 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG016788.D
 Acq: 29 Apr 2015 7:21

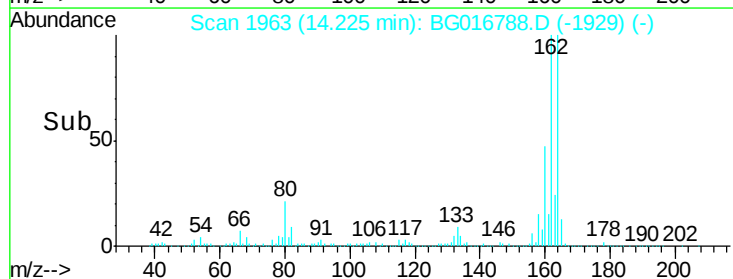
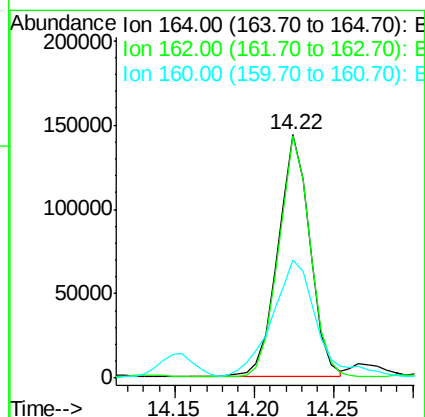
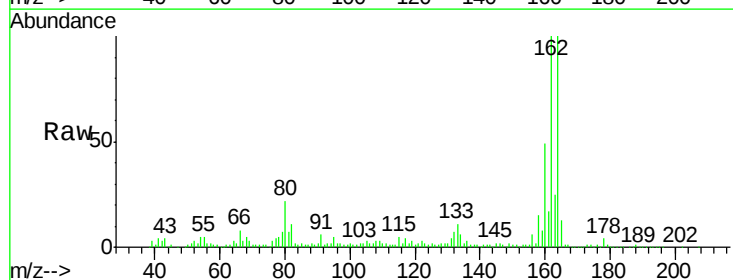
Instrument :
 BNA_G
 ClientSampleId :
 MW-13

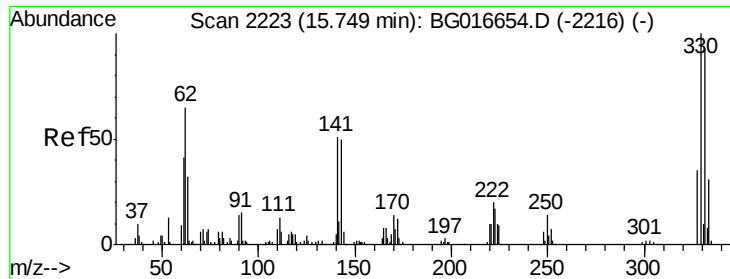
Tot Ion: 82 Resp: 372856
 Ion Ratio Lower Upper
 82 100
 128 56.5 44.7 67.1
 54 37.6 30.9 46.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.22 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG016788.D
 Acq: 29 Apr 2015 7:21

Tgt Ion:164 Resp: 201673
 Ion Ratio Lower Upper
 164 100
 162 99.5 77.3 115.9
 160 48.8 33.7 50.5

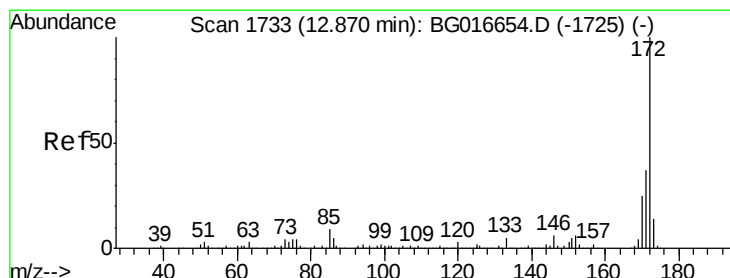
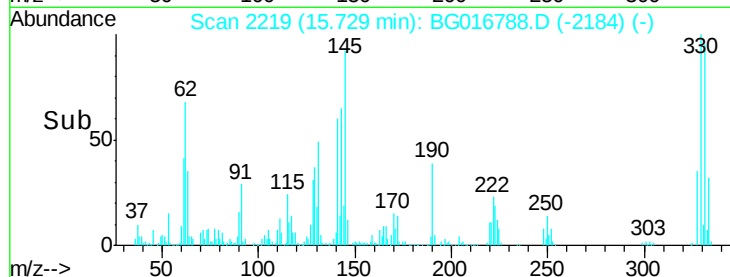
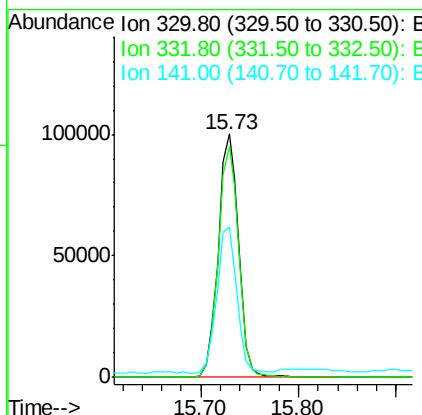
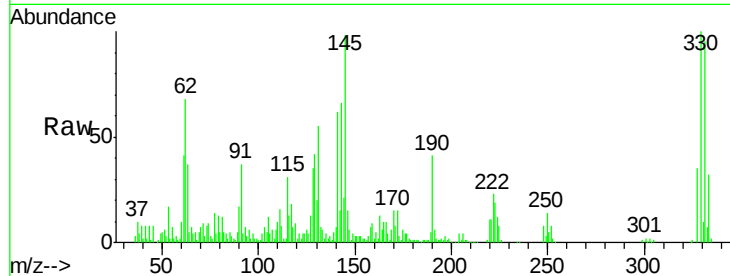




#41
 2,4,6-Tribromophenol
 Concen: 96.22 ng
 RT: 15.73 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: BG016788.D
 Acq: 29 Apr 2015 7:21

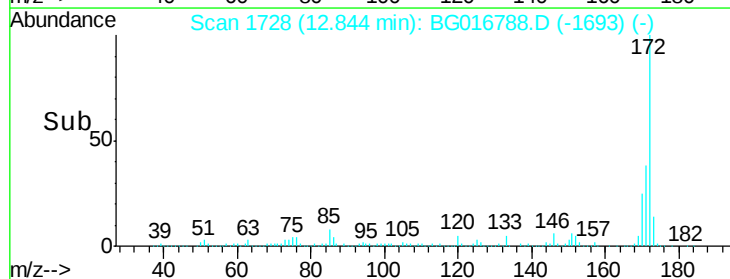
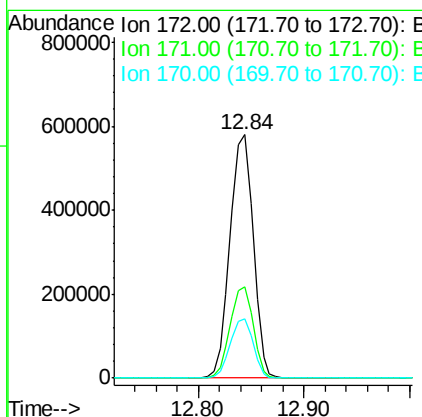
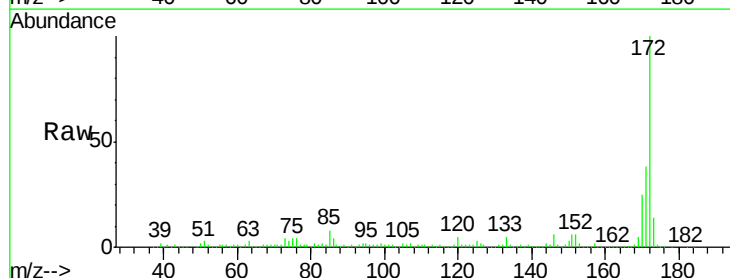
Instrument :
 BNA_G
 ClientSampled :
 MW-13

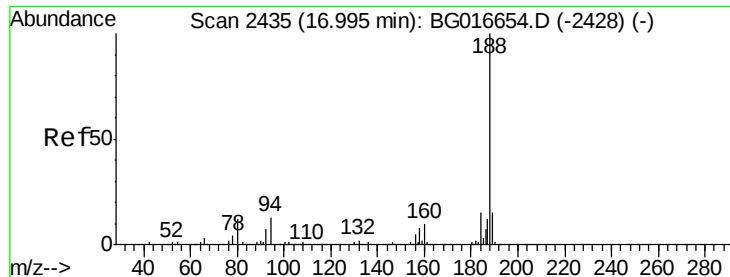
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.2	114.4
141	59.3	43.0	64.6



#44
 2-Fluorobiphenyl
 Concen: 70.21 ng
 RT: 12.84 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG016788.D
 Acq: 29 Apr 2015 7:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.9	44.9
170	24.6	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.97 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG016788.D

Acq: 29 Apr 2015 7:21

Instrument :

BNA_G

ClientSampleId :

MW-13

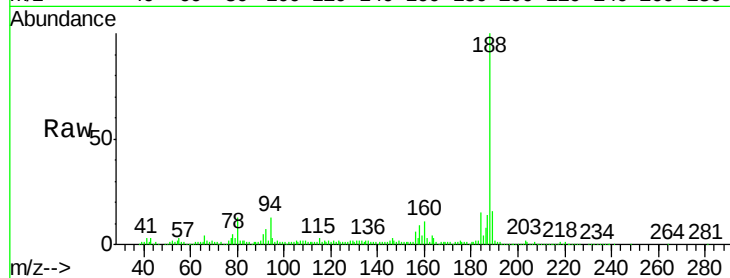
Tot Ion:188 Resp: 356439

Ion Ratio Lower Upper

188 100

94 12.5 10.7 16.1

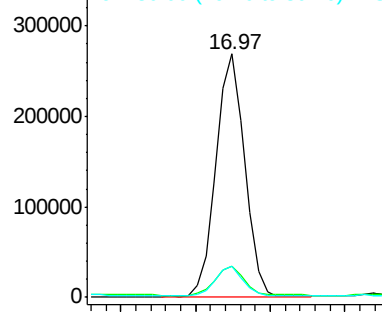
80 12.7 9.9 14.9



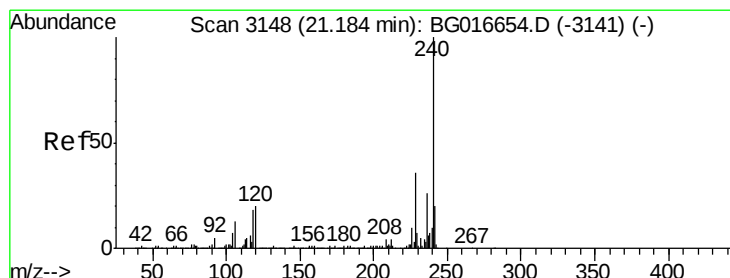
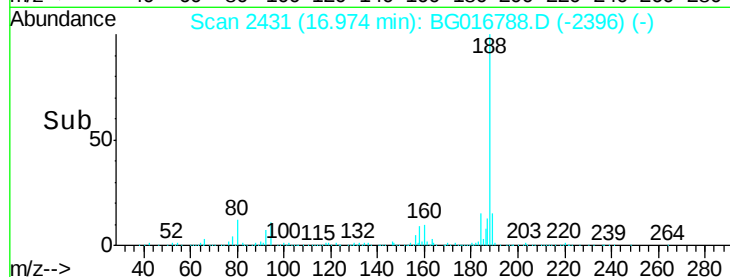
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG016788.D

Acq: 29 Apr 2015 7:21

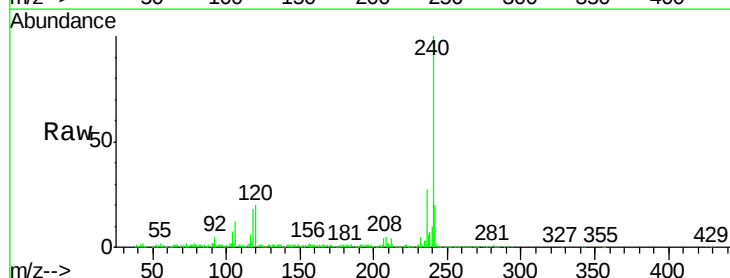
Tgt Ion:240 Resp: 305312

Ion Ratio Lower Upper

240 100

120 19.8 16.3 24.5

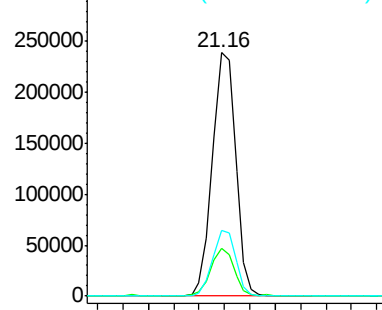
236 27.0 21.1 31.7



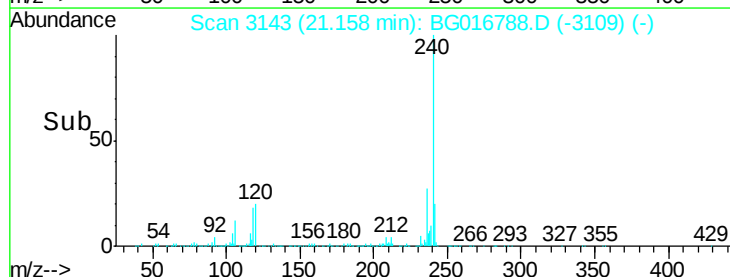
Abundance Ion 240.00 (239.70 to 240.70): E

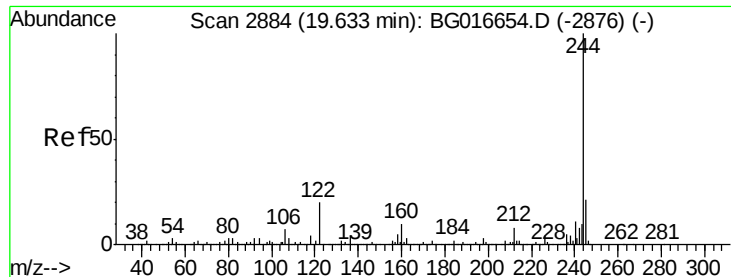
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 56.44 ng

RT: 19.61 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG016788.D

Acq: 29 Apr 2015 7:21

Instrument :

BNA_G

ClientSampleId :

MW-13

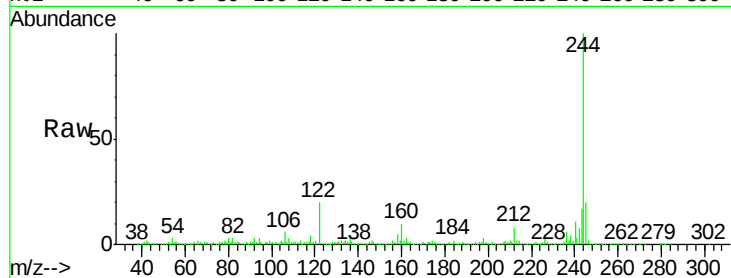
Tot Ion:244 Resp: 748087

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

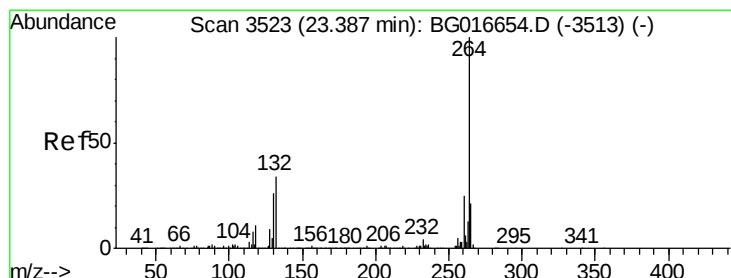
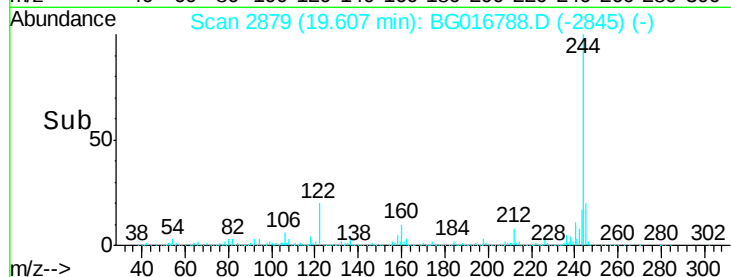
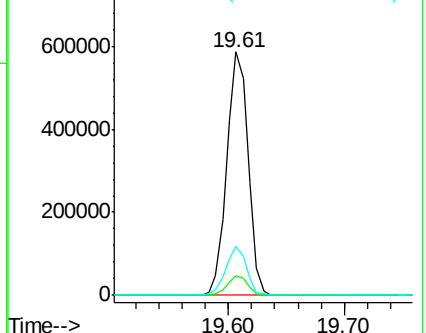
122 19.9 15.9 23.9



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: 23.36 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BG016788.D

Acq: 29 Apr 2015 7:21

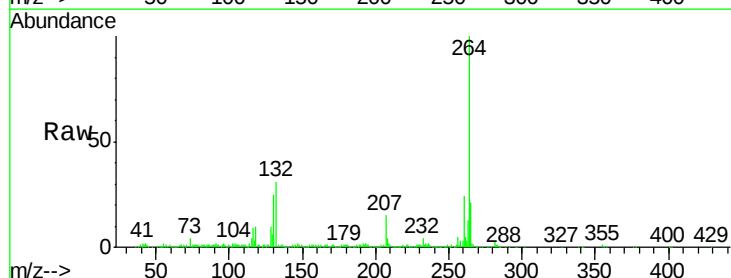
Tgt Ion:264 Resp: 294707

Ion Ratio Lower Upper

264 100

260 24.2 20.0 30.0

265 21.4 16.8 25.2



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

