

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031816\
 Data File : BM004697.D
 Acq On : 19 Mar 2016 01:00
 Operator : UM/SJ
 Sample : MDL-BL-W
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BL-W

Quant Time: Mar 21 01:48:31 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 07:50:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	32459	5.00	ng	0.00
6) Naphthalene-d8	10.61	136	128282	5.00	ng	-0.02
10) Acenaphthene-d10	14.46	164	67299	5.00	ng	0.00
16) Phenanthrene-d10	17.19	188	123936	5.00	ng	-0.03
22) Chrysene-d12	21.39	240	150031	5.00	ng	0.00
28) Perylene-d12	23.69	264	121711	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	51657	6.90	ng	0.00
5) Phenol-d6	6.99	99	62293	6.79	ng	0.00
7) Nitrobenzene-d5	8.99	82	22327	3.61	ng	0.00
11) 2,4,6-Tribromophenol	15.95	330	14066	6.30	ng	0.00
12) 2-Fluorobiphenyl	13.09	172	86323	4.48	ng	0.00
24) Terphenyl-d14	19.84	244	73743	3.89	ng	0.00

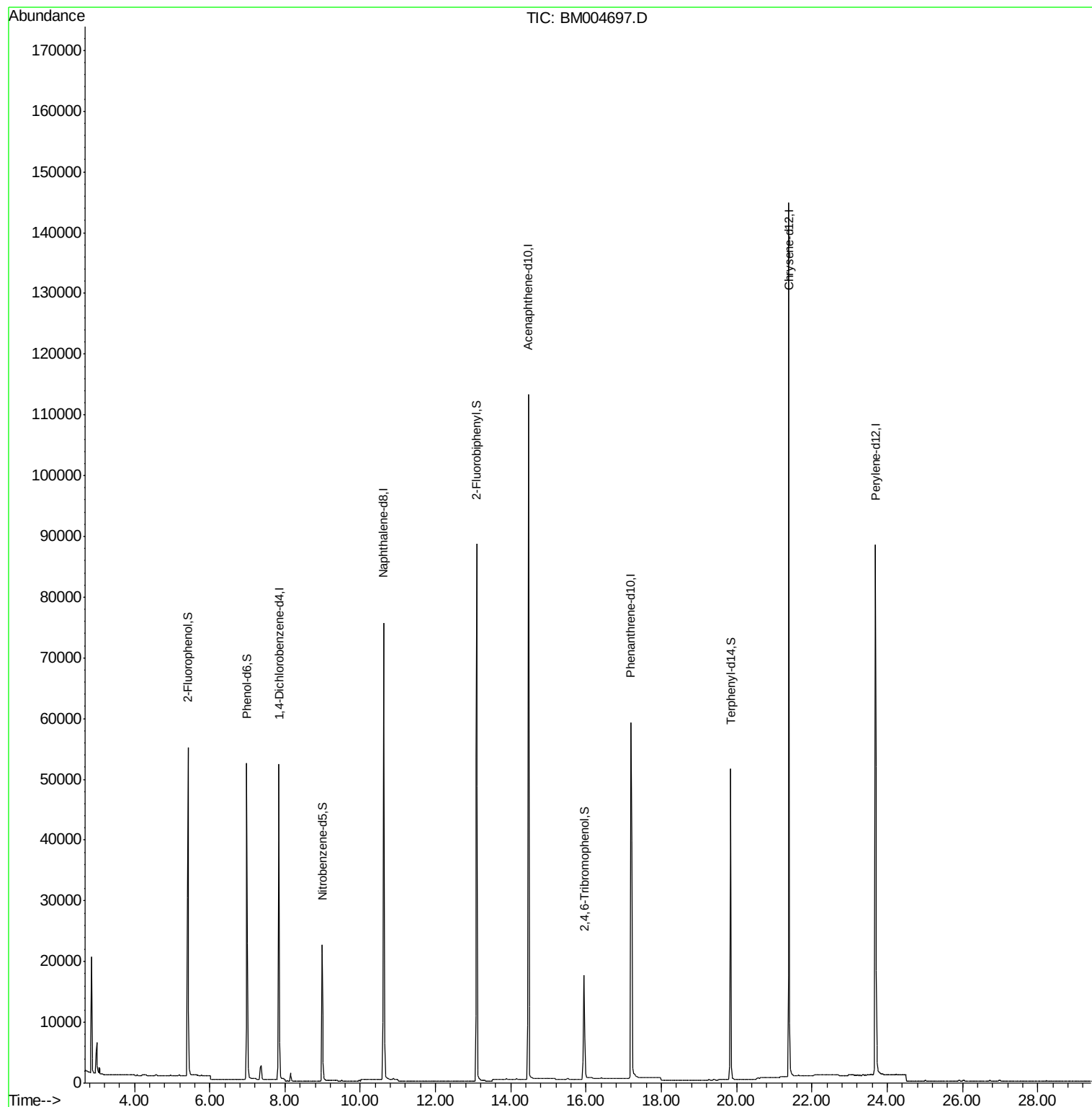
Target Compounds	Qvalue
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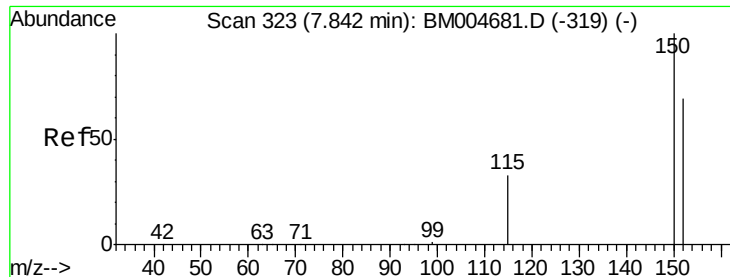
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.84 min Scan# 323

Delta R.T. 0.00 min

Lab File: BM004697.D

Acq: 19 Mar 2016 01:00

Instrument :

BNA_M

ClientSampleId :

MDL-BL-W

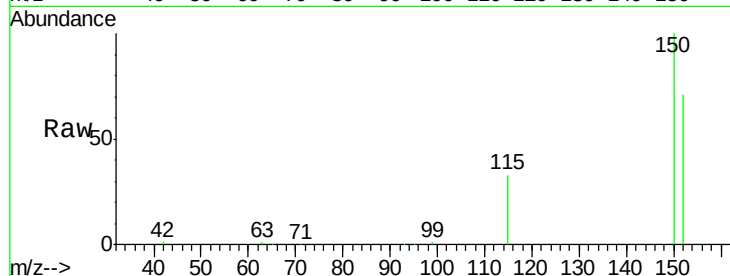
Tgt Ion:152 Resp: 32459

Ion Ratio Lower Upper

152 100

150 141.0 115.9 173.9

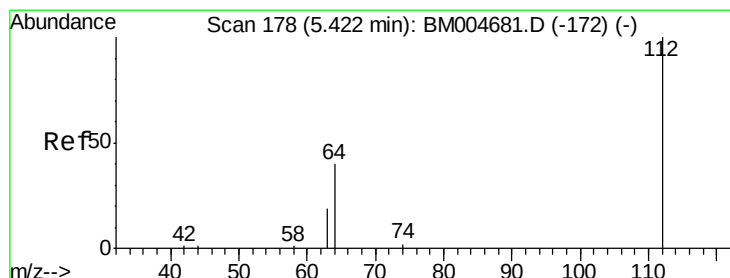
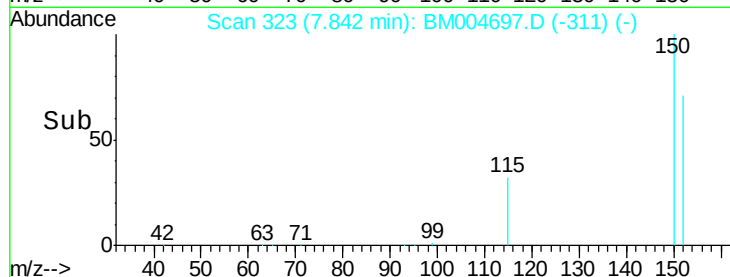
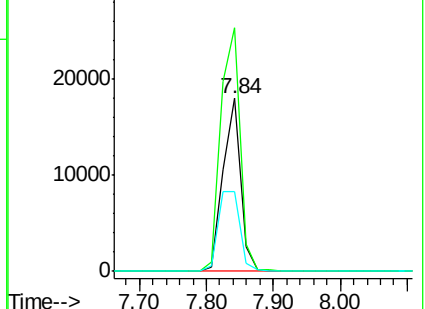
115 46.1 38.4 57.6



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



#4

2-Fluorophenol

Concen: 6.90 ng

RT: 5.42 min Scan# 178

Delta R.T. 0.00 min

Lab File: BM004697.D

Acq: 19 Mar 2016 01:00

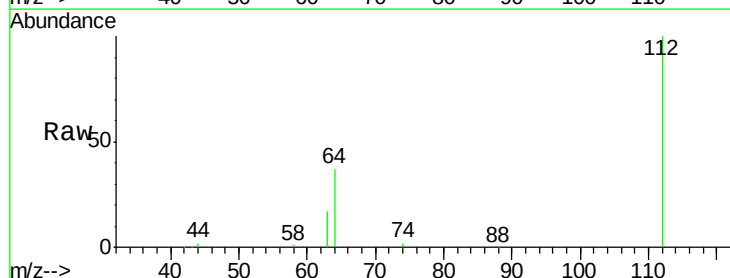
Tgt Ion:112 Resp: 51657

Ion Ratio Lower Upper

112 100

64 46.5 37.0 55.6

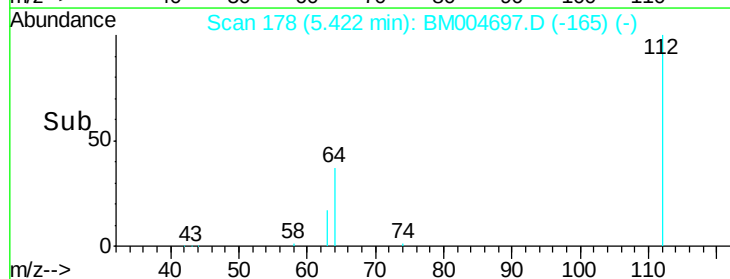
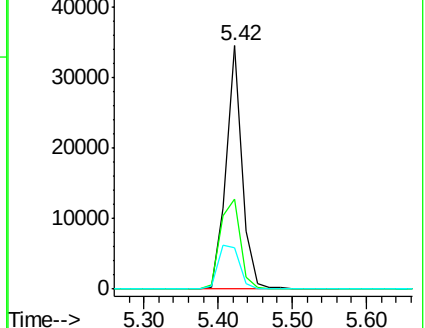
63 23.8 19.3 28.9

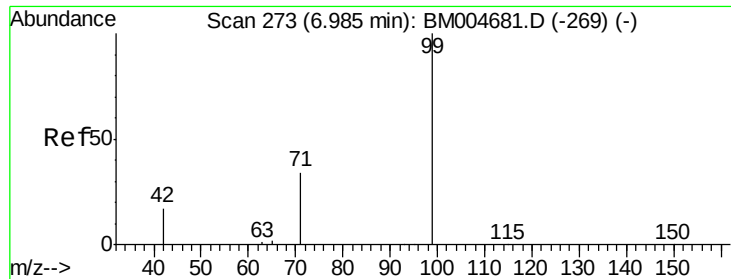


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 6.79 ng

RT: 6.99 min Scan# 273

Delta R.T. 0.00 min

Lab File: BM004697.D

Acq: 19 Mar 2016 01:00

Instrument :

BNA_M

ClientSampleId :

MDL-BL-W

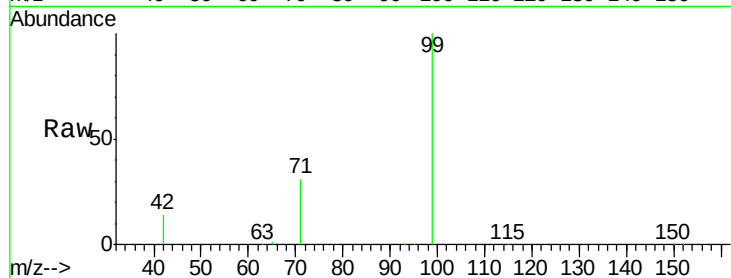
Tgt Ion: 99 Resp: 62293

Ion Ratio Lower Upper

99 100

42 14.1 12.7 19.1

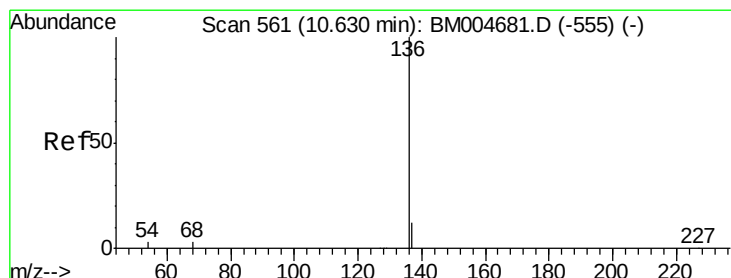
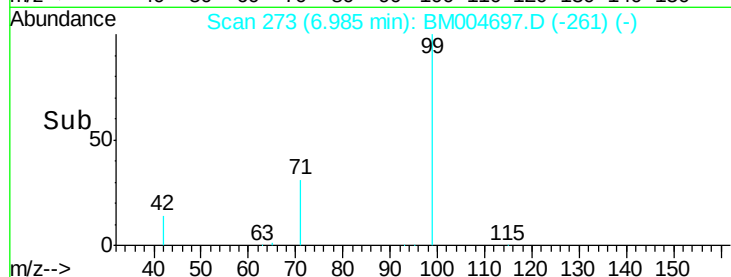
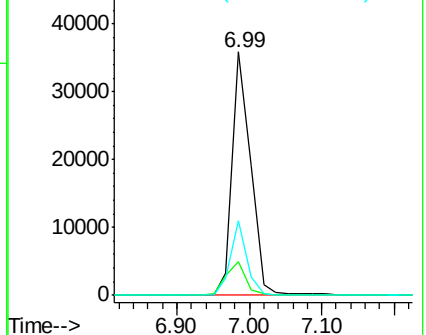
71 27.7 22.9 34.3



Abundance Ion 99.00 (98.70 to 99.70): BM004697.D (-549) (-)

Ion 42.00 (41.70 to 42.70): BM004697.D (-549) (-)

Ion 71.00 (70.70 to 71.70): BM004697.D (-549) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.61 min Scan# 560

Delta R.T. -0.02 min

Lab File: BM004697.D

Acq: 19 Mar 2016 01:00

Tgt Ion: 136 Resp: 128282

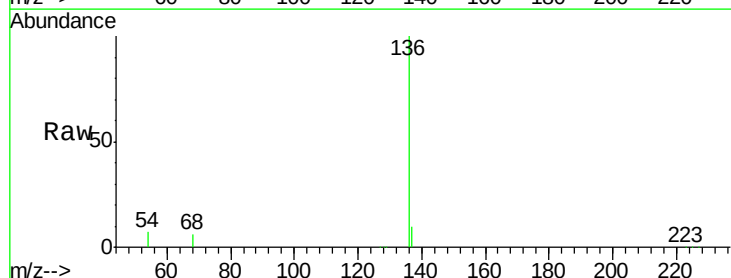
Ion Ratio Lower Upper

136 100

137 10.1 9.4 14.2

54 7.3 2.2 3.4#

68 6.1 2.2 3.4#

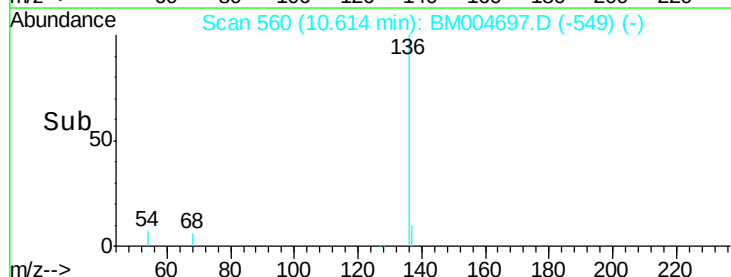
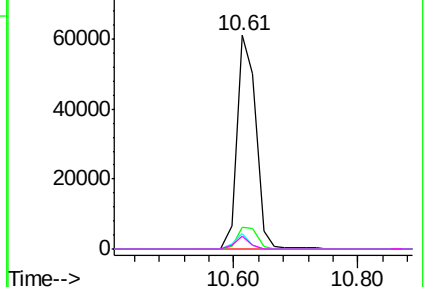


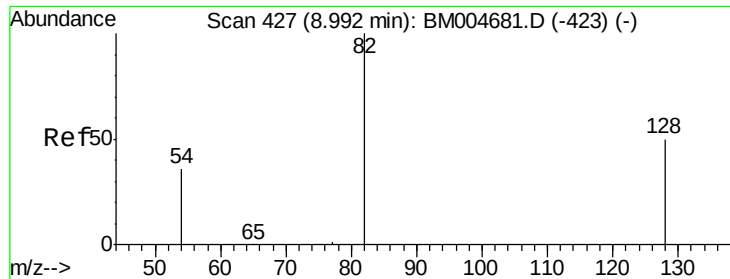
Abundance Ion 136.00 (135.70 to 136.70): BM004697.D (-549) (-)

Ion 137.00 (136.70 to 137.70): BM004697.D (-549) (-)

Ion 54.00 (53.70 to 54.70): BM004697.D (-549) (-)

Ion 68.00 (67.70 to 68.70): BM004697.D (-549) (-)





#7

Nitrobenzene-d5

Concen: 3.61 ng

RT: 8.99 min Scan# 427

Delta R.T. 0.00 min

Lab File: BM004697.D

Acq: 19 Mar 2016 01:00

Instrument :

BNA_M

ClientSampleId :

MDL-BL-W

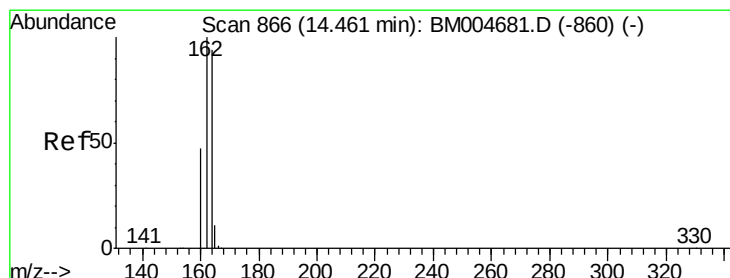
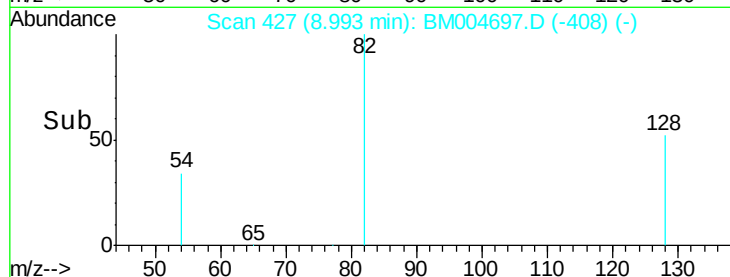
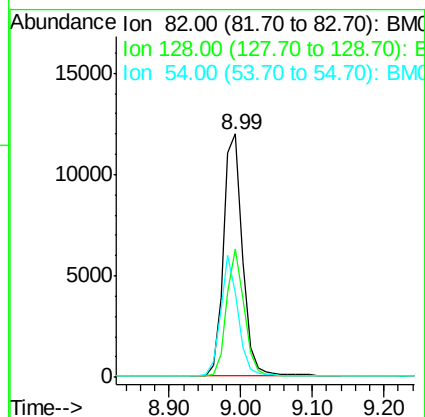
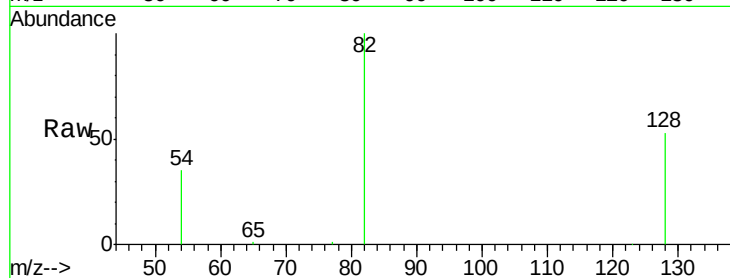
Tgt Ion: 82 Resp: 22327

Ion Ratio Lower Upper

82 100

128 52.7 41.8 62.8

54 34.7 32.9 49.3



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.46 min Scan# 866

Delta R.T. 0.00 min

Lab File: BM004697.D

Acq: 19 Mar 2016 01:00

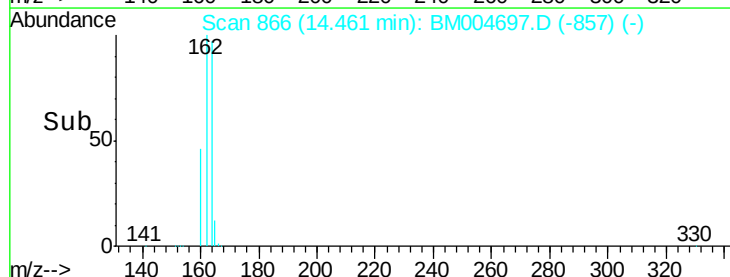
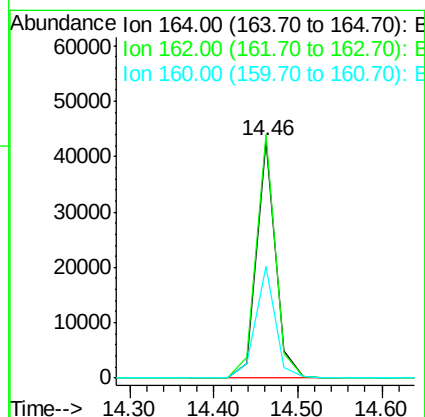
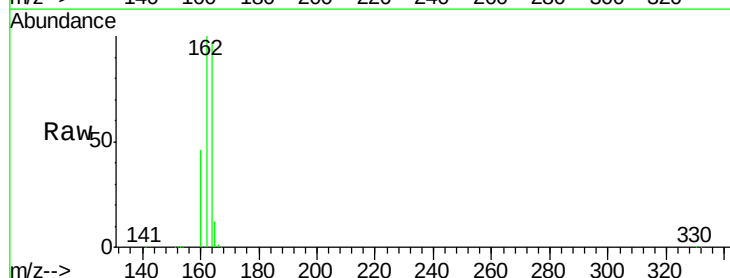
Tgt Ion: 164 Resp: 67299

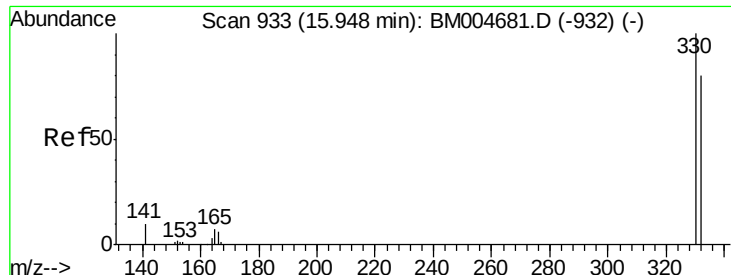
Ion Ratio Lower Upper

164 100

162 102.6 85.4 128.0

160 47.0 40.2 60.2

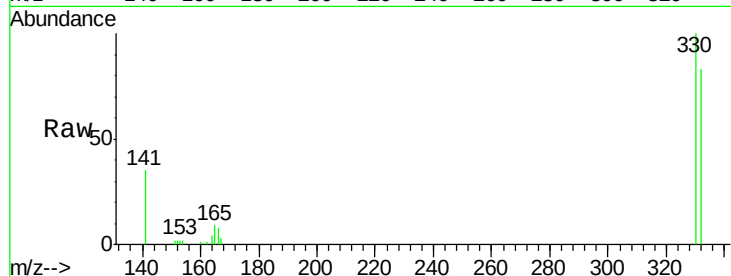




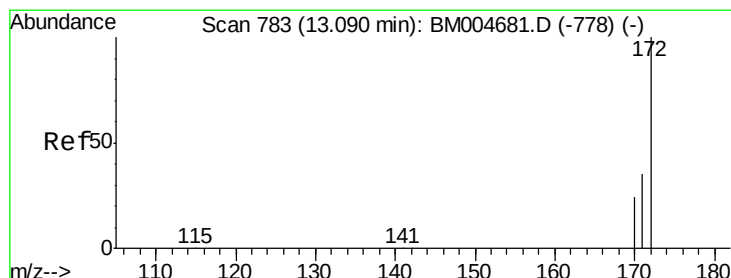
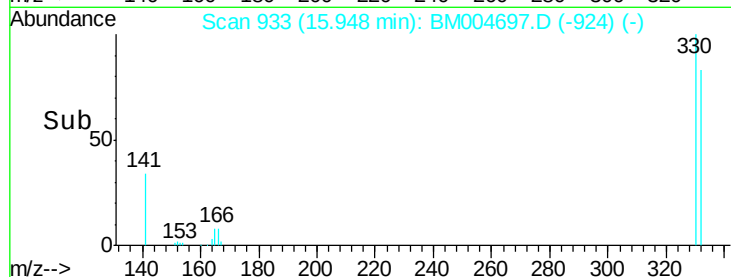
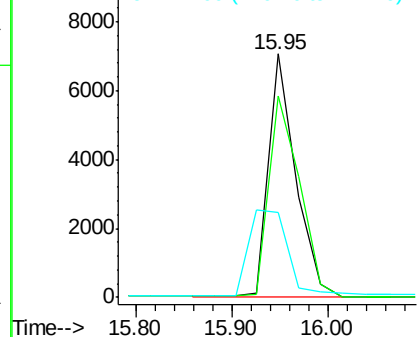
#11
 2,4,6-Tribromophenol
 Concen: 6.30 ng
 RT: 15.95 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BM004697.D
 Acq: 19 Mar 2016 01:00

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BL-W

Tgt Ion:330 Resp: 14066
 Ion Ratio Lower Upper
 330 100
 332 93.4 93.9 140.9#
 141 0.0 42.2 63.2#

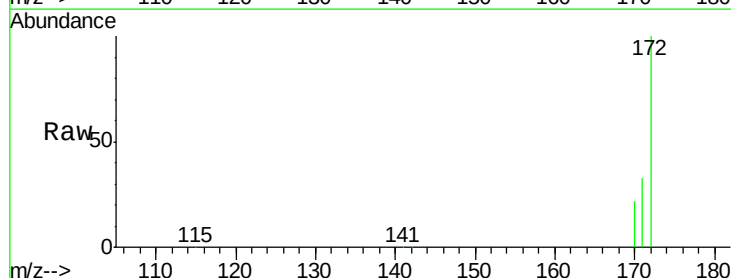


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

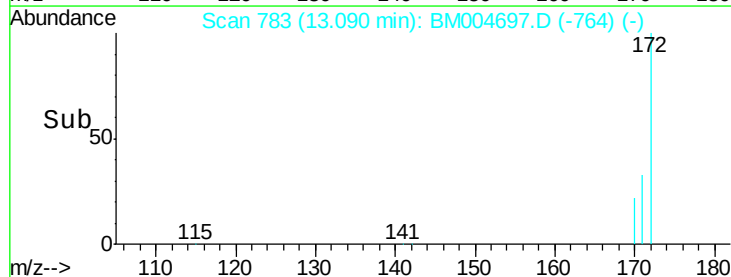
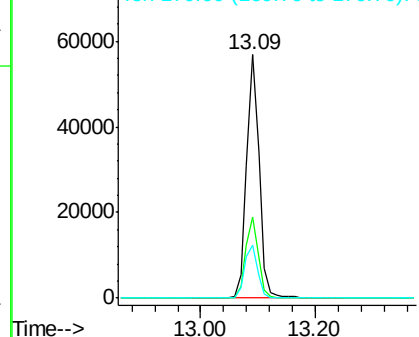


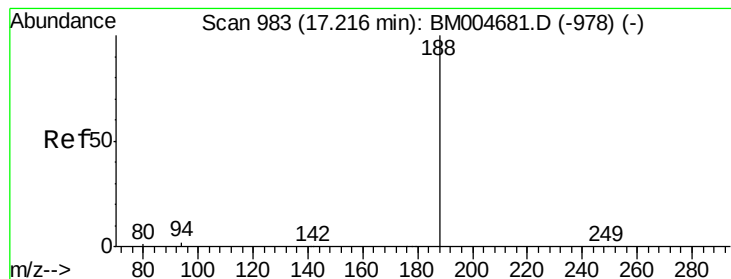
#12
 2-Fluorobiphenyl
 Concen: 4.48 ng
 RT: 13.09 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BM004697.D
 Acq: 19 Mar 2016 01:00

Tgt Ion:172 Resp: 86323
 Ion Ratio Lower Upper
 172 100
 171 33.4 28.2 42.2
 170 21.9 19.4 29.2



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





#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.19 min Scan# 982

Delta R.T. -0.03 min

Lab File: BM004697.D

Acq: 19 Mar 2016 01:00

Instrument :

BNA_M

ClientSampleId :

MDL-BL-W

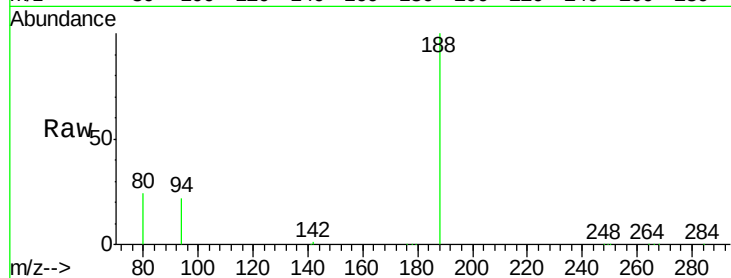
Tgt Ion:188 Resp: 123936

Ion Ratio Lower Upper

188 100

94 22.5 1.4 2.0#

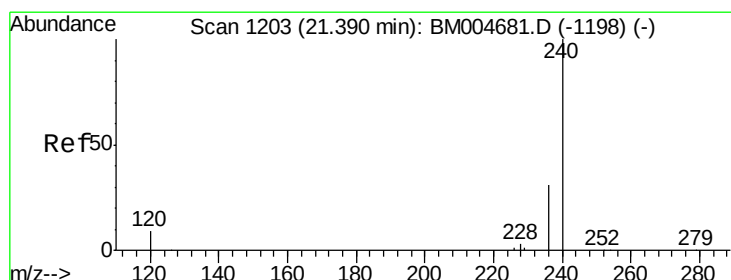
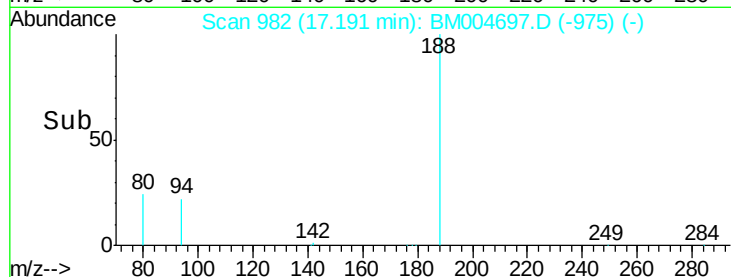
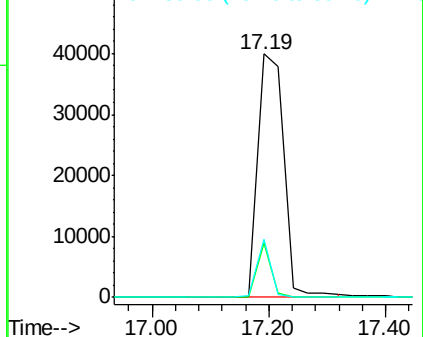
80 24.0 1.0 1.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#22

Chrysene-d12

Concen: 5.00 ng

RT: 21.39 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BM004697.D

Acq: 19 Mar 2016 01:00

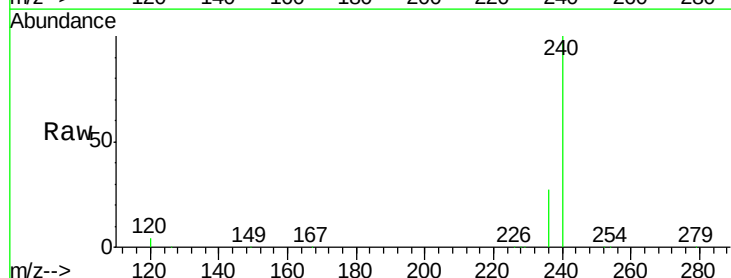
Tgt Ion:240 Resp: 150031

Ion Ratio Lower Upper

240 100

120 4.2 7.4 11.2#

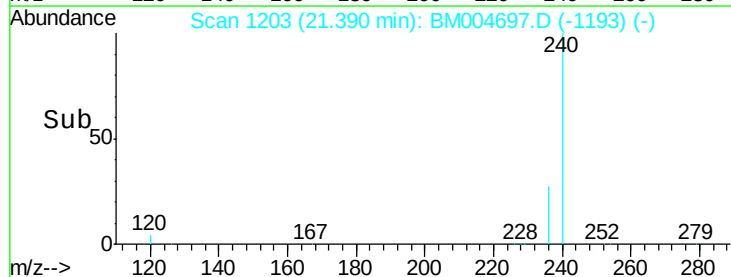
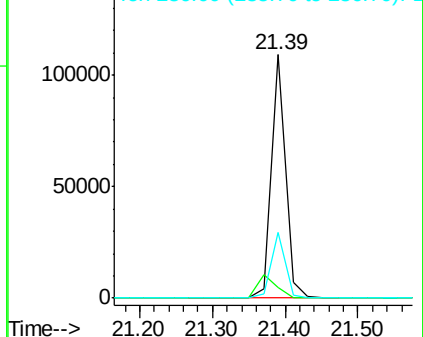
236 27.1 24.5 36.7

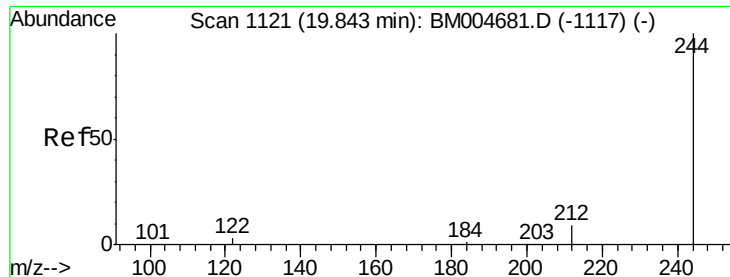


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

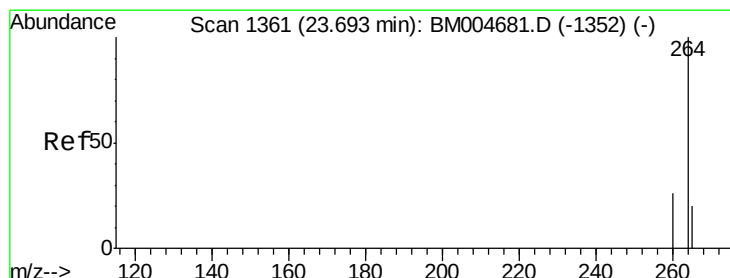
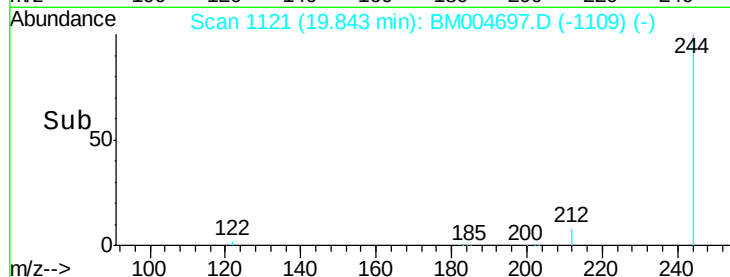
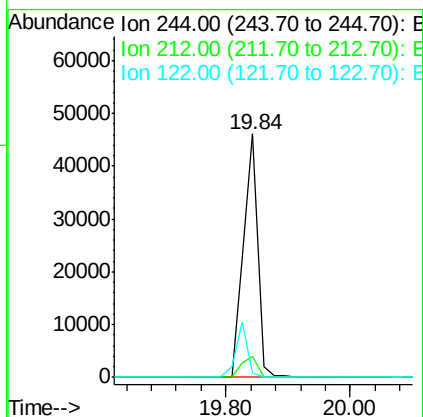
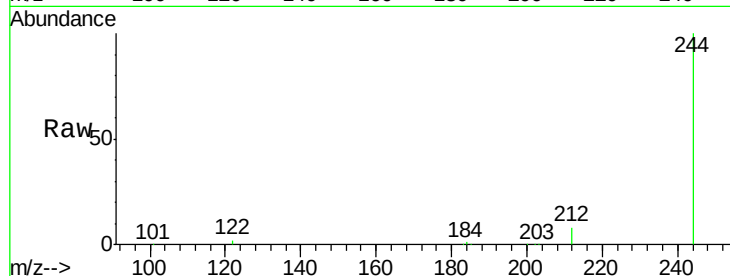




#24
 Terphenyl-d14
 Concen: 3.89 ng
 RT: 19.84 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BM004697.D
 Acq: 19 Mar 2016 01:00

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BL-W

Tgt Ion: 244 Resp: 73743
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.7 11.5
 122 1.8 3.4 5.0#



#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.69 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BM004697.D
 Acq: 19 Mar 2016 01:00

Tgt Ion: 264 Resp: 121711
 Ion Ratio Lower Upper
 264 100
 260 24.7 21.0 31.4
 265 22.8 17.5 26.3

