

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030516\
 Data File : BM004567.D
 Acq On : 05 Mar 2016 21:43
 Operator : SJ/UM
 Sample : PB88683BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB88683BL

Quant Time: Mar 07 08:00:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM030516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 07 07:54:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	21525	5.00	ng	0.00
7) Naphthalene-d8	10.06	136	79000	5.00	ng	0.00
13) Acenaphthene-d10	13.97	164	44109	5.00	ng	0.00
19) Phenanthrene-d10	16.73	188	100800	5.00	ng	0.00
25) Chrysene-d12	20.98	240	99541	5.00	ng	0.00
34) Perylene-d12	23.09	264	89334	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.99	112	35278	6.92	ng	-0.02
5) Phenol-d6	6.61	99	41387	6.77	ng	-0.02
8) Nitrobenzene-d5	8.48	82	16159	3.83	ng	0.01
14) 2,4,6-Tribromophenol	15.50	330	11117	6.71	ng	0.00
15) 2-Fluorobiphenyl	12.59	172	56809	4.02	ng	0.01
28) Terphenyl-d14	19.41	244	50956	3.40	ng	0.00

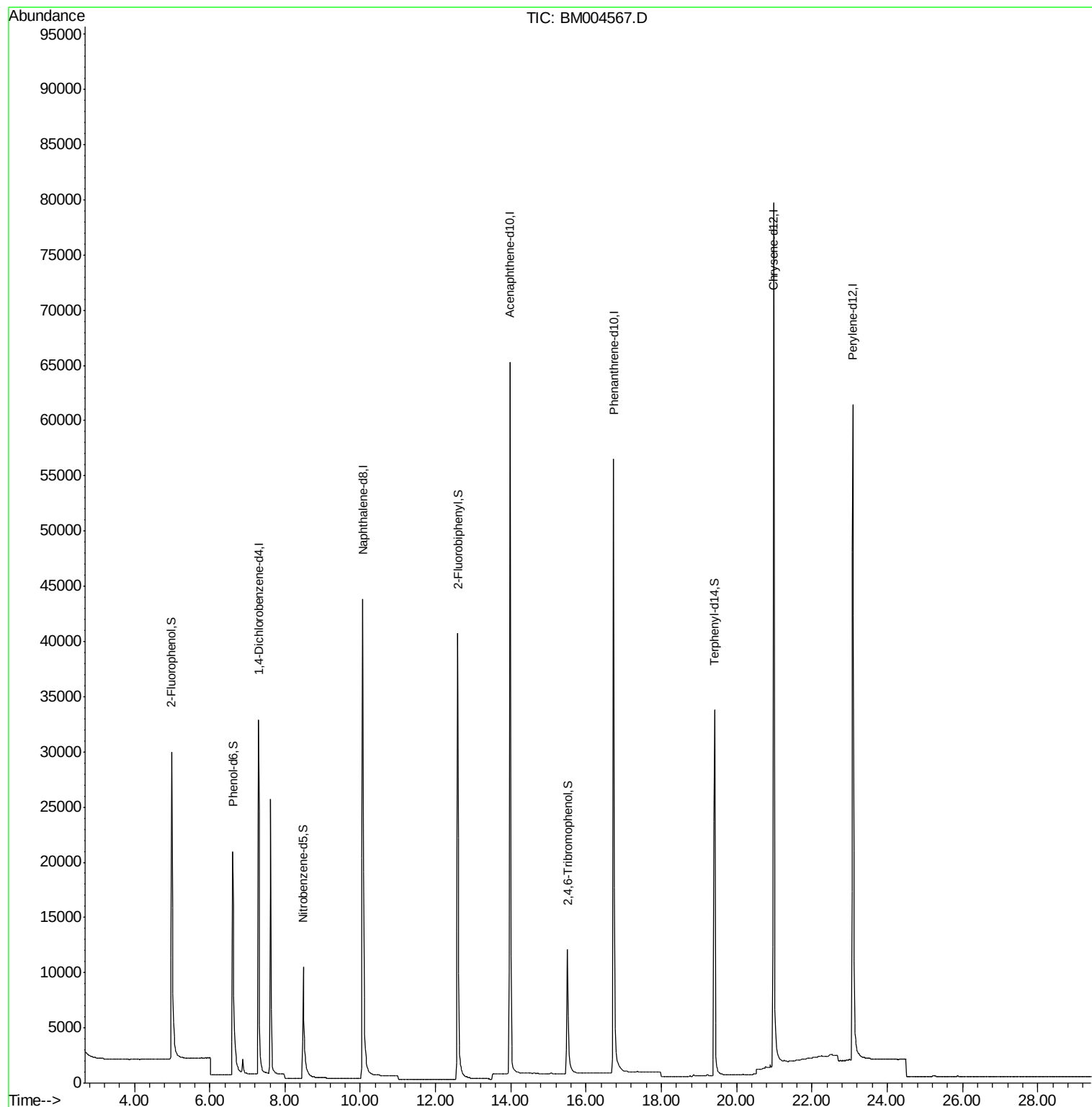
Target Compounds	Qvalue
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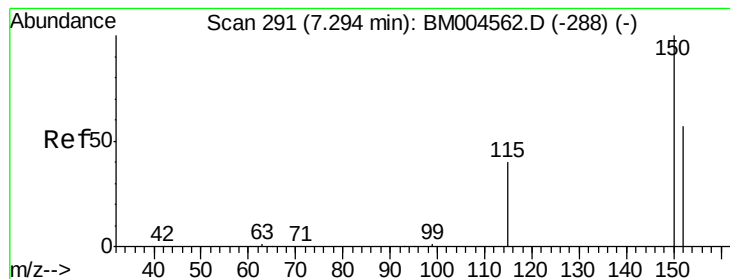
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.29 min Scan# 291

Delta R.T. 0.00 min

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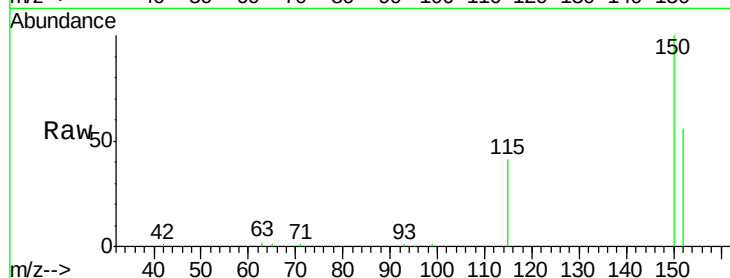
Tgt Ion:152 Resp: 21525

Ion Ratio Lower Upper

152 100

150 177.8 140.1 210.1

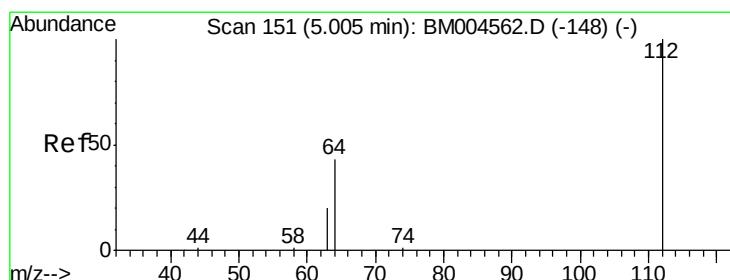
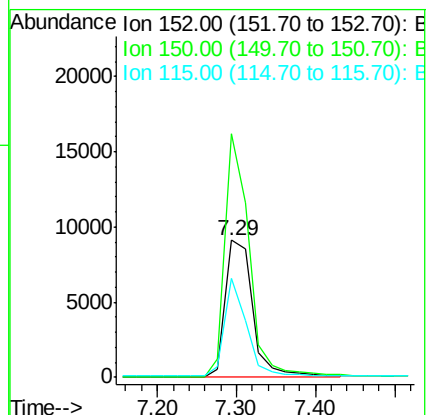
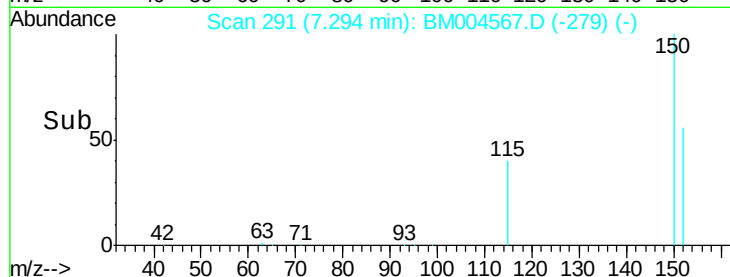
115 72.3 56.1 84.1



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: 6.92 ng

RT: 4.99 min Scan# 150

Delta R.T. -0.02 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

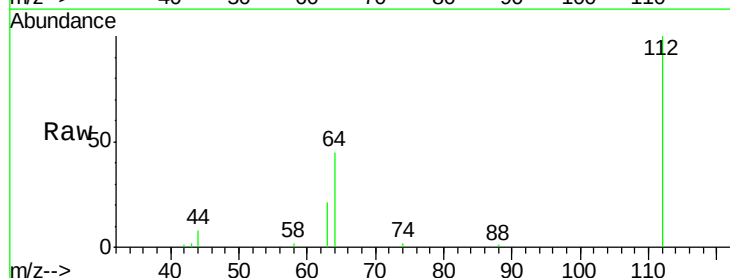
Tgt Ion:112 Resp: 35278

Ion Ratio Lower Upper

112 100

64 47.4 0.0 0.0#

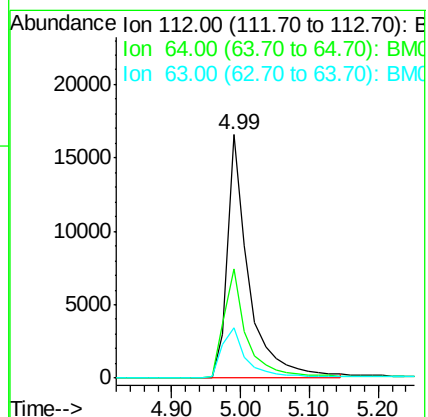
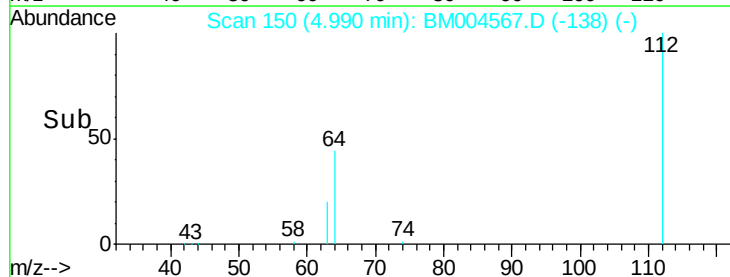
63 23.1 0.0 0.0#

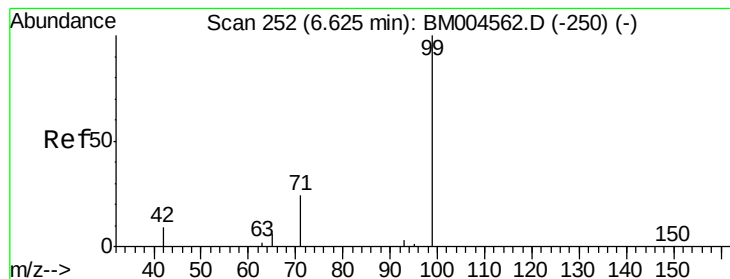


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 6.77 ng

RT: 6.61 min Scan# 251

Delta R.T. -0.02 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

Instrument :

BNA_M

ClientSampleId :

PB88683BL

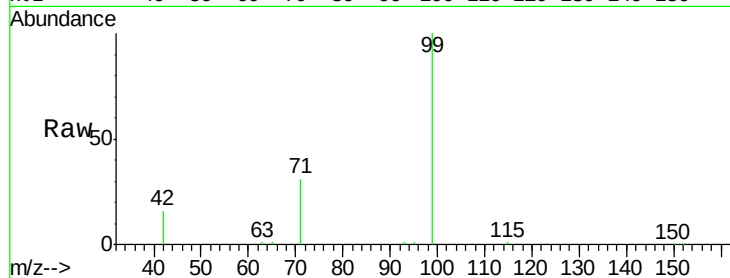
Tgt Ion: 99 Resp: 41387

Ion Ratio Lower Upper

99 100

42 13.7 0.0 0.0#

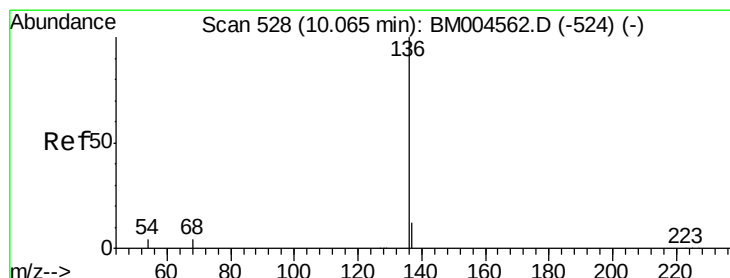
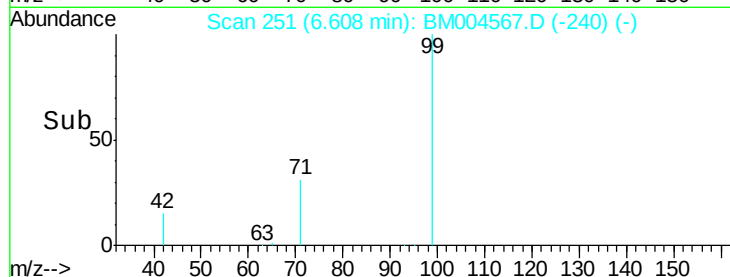
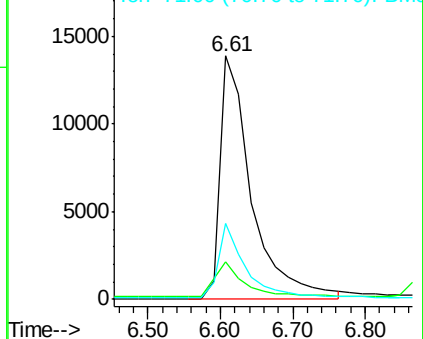
71 27.2 0.2 0.2#



Abundance Ion 99.00 (98.70 to 99.70): BM004567.D (-250) (-)

Ion 42.00 (41.70 to 42.70): BM004567.D (-250) (-)

Ion 71.00 (70.70 to 71.70): BM004567.D (-250) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.06 min Scan# 528

Delta R.T. 0.00 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

Tgt Ion: 136 Resp: 79000

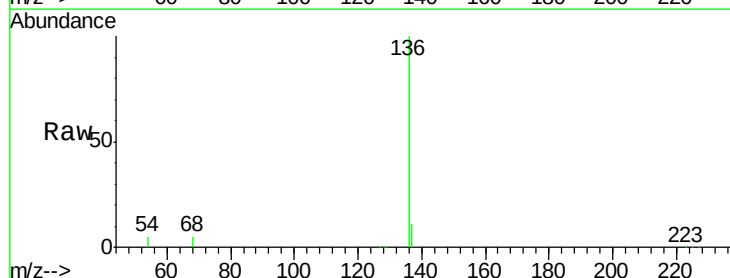
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 5.3 3.0 4.4#

68 4.8 2.9 4.3#

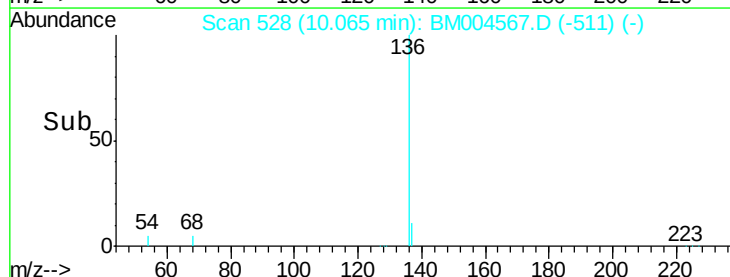
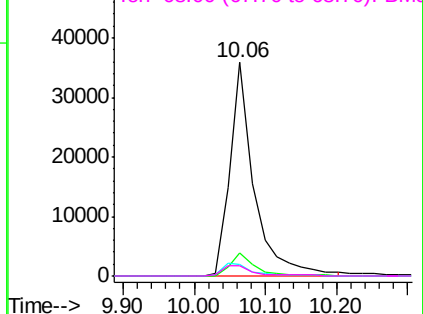


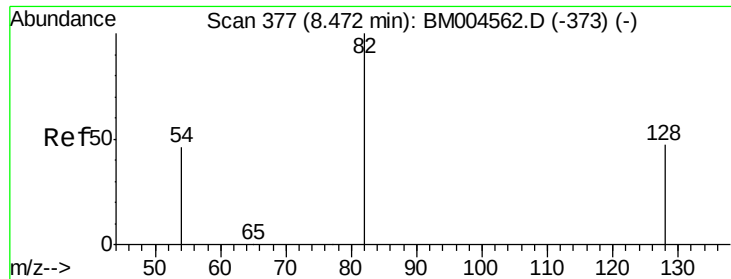
Abundance Ion 136.00 (135.70 to 136.70): BM004567.D (-511) (-)

Ion 137.00 (136.70 to 137.70): BM004567.D (-511) (-)

Ion 54.00 (53.70 to 54.70): BM004567.D (-511) (-)

Ion 68.00 (67.70 to 68.70): BM004567.D (-511) (-)





#8

Nitrobenzene-d5

Concen: 3.83 ng

RT: 8.48 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

Instrument :

BNA_M

ClientSampleId :

PB88683BL

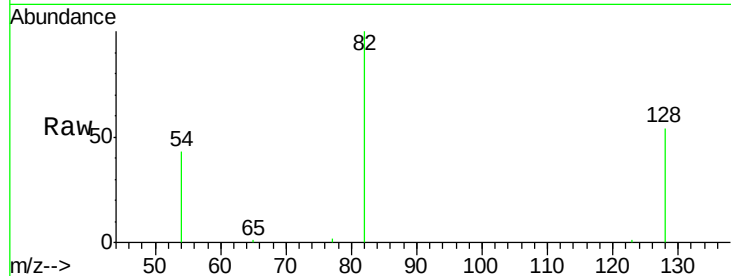
Tgt Ion: 82 Resp: 16159

Ion Ratio Lower Upper

82 100

128 53.8 38.6 58.0

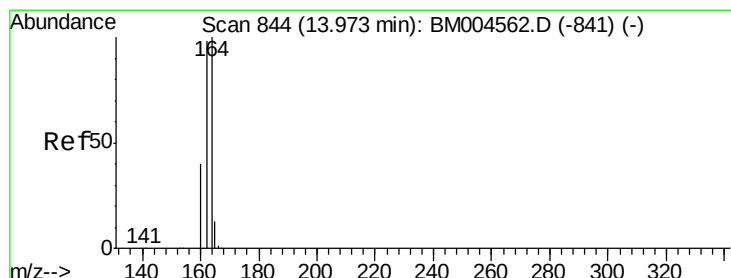
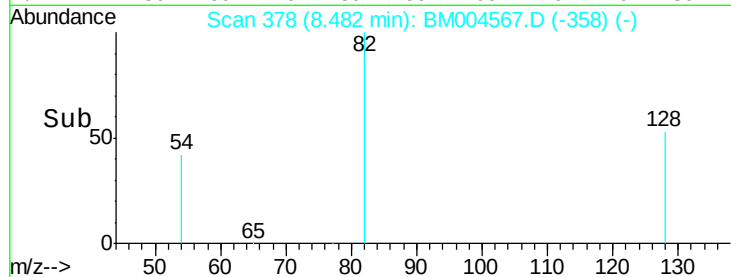
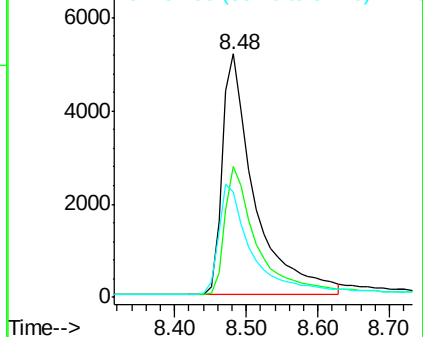
54 43.0 38.5 57.7



Abundance Ion 82.00 (81.70 to 82.70): BM004567.D (-373) (-)

Ion 128.00 (127.70 to 128.70): BM004567.D (-373) (-)

Ion 54.00 (53.70 to 54.70): BM004567.D (-373) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.97 min Scan# 844

Delta R.T. 0.00 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

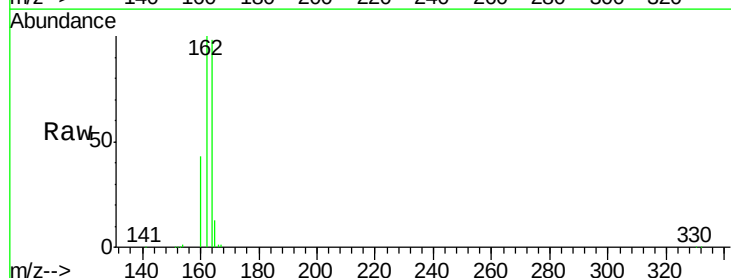
Tgt Ion: 164 Resp: 44109

Ion Ratio Lower Upper

164 100

162 101.8 78.2 117.2

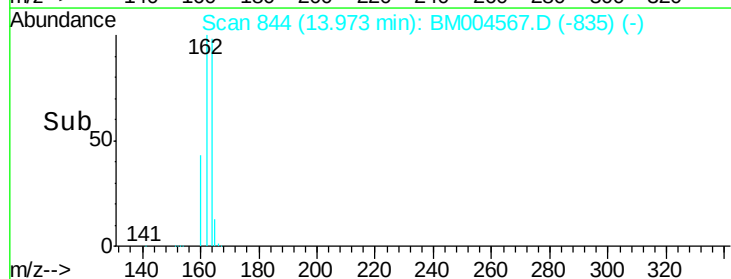
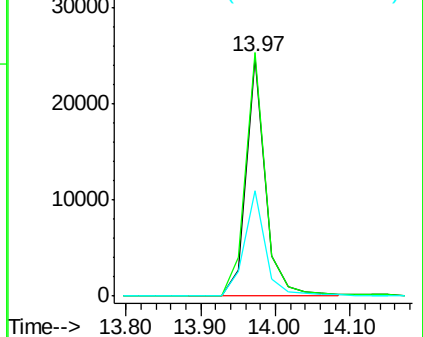
160 44.1 31.9 47.9

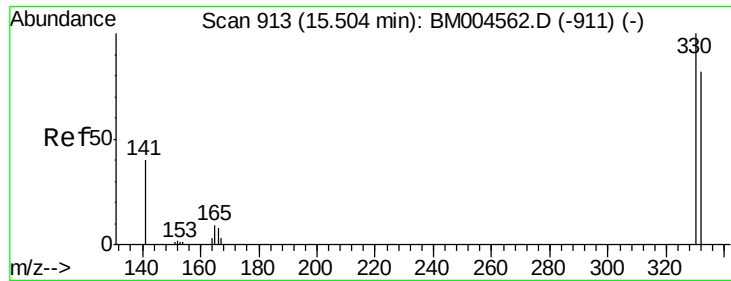


Abundance Ion 164.00 (163.70 to 164.70): BM004567.D (-841) (-)

Ion 162.00 (161.70 to 162.70): BM004567.D (-841) (-)

Ion 160.00 (159.70 to 160.70): BM004567.D (-841) (-)

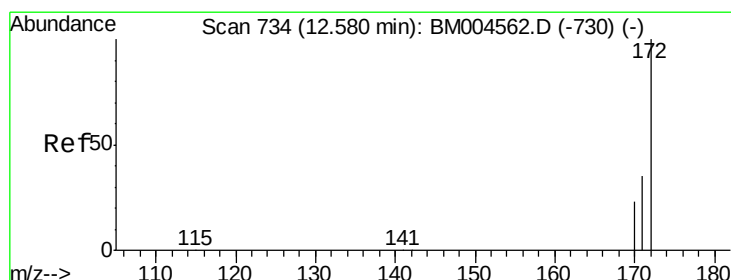
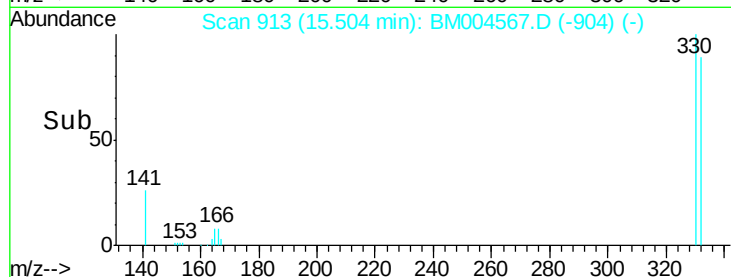
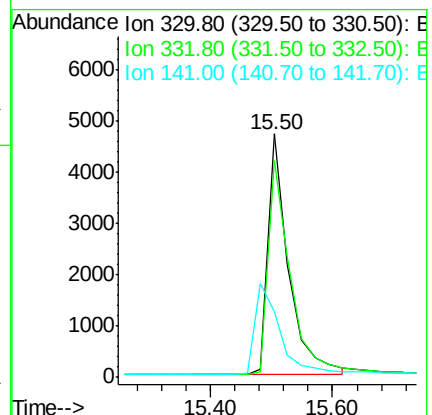
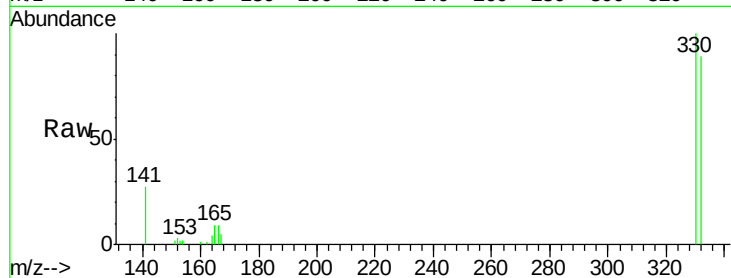




#14
 2,4,6-Tribromophenol
 Concen: 6.71 ng
 RT: 15.50 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BM004567.D
 Acq: 05 Mar 2016 21:43

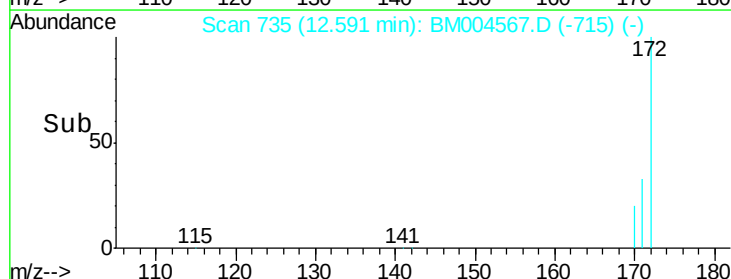
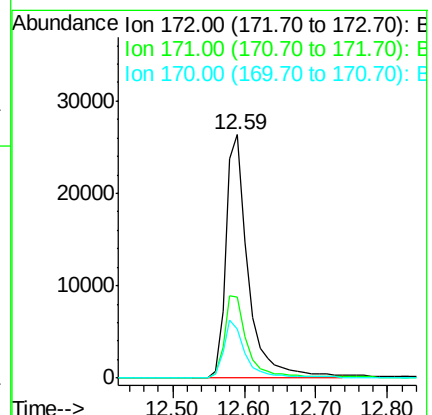
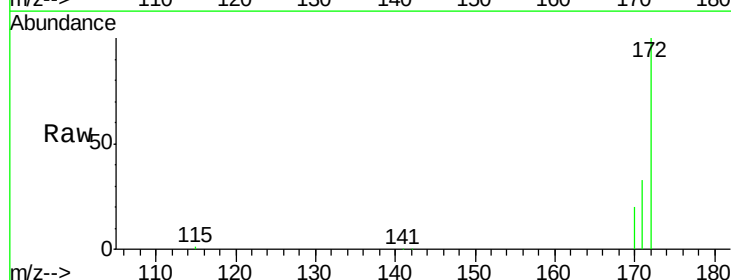
Instrument :
 BNA_M
 ClientSampleId :
 PB88683BL

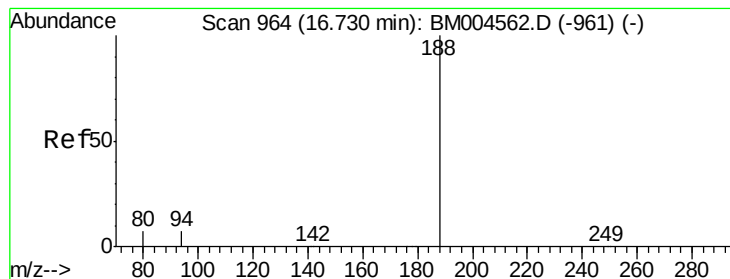
Tgt Ion:330 Resp: 11117
 Ion Ratio Lower Upper
 330 100
 332 95.2 0.0 0.0#
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 4.02 ng
 RT: 12.59 min Scan# 735
 Delta R.T. 0.01 min
 Lab File: BM004567.D
 Acq: 05 Mar 2016 21:43

Tgt Ion:172 Resp: 56809
 Ion Ratio Lower Upper
 172 100
 171 33.2 28.6 42.8
 170 20.3 19.1 28.7





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.73 min Scan# 964

Delta R.T. 0.00 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

Instrument :

BNA_M

ClientSampleId :

PB88683BL

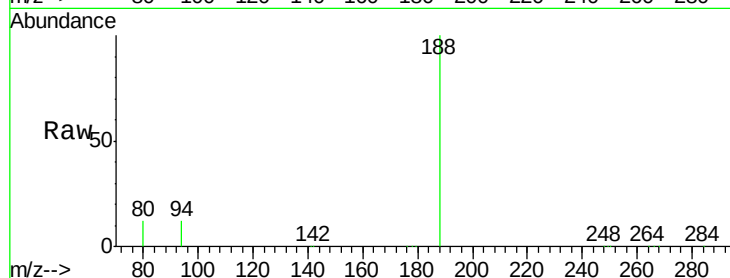
Tgt Ion:188 Resp: 100800

Ion Ratio Lower Upper

188 100

94 12.2 6.0 9.0#

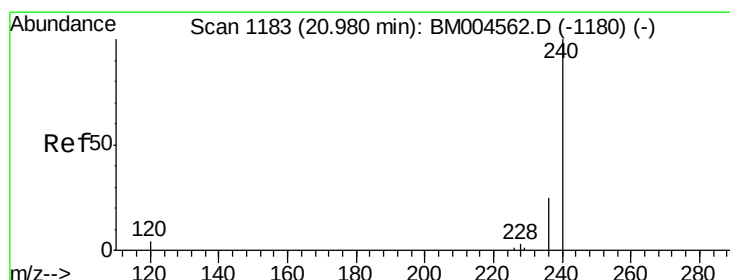
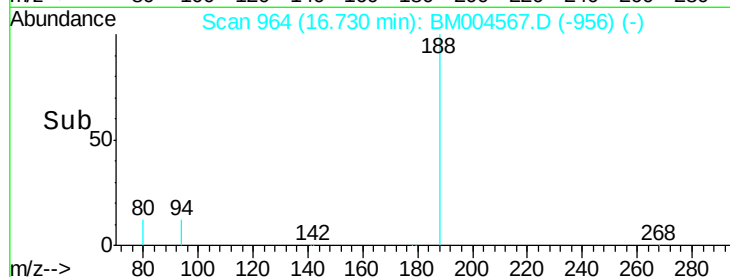
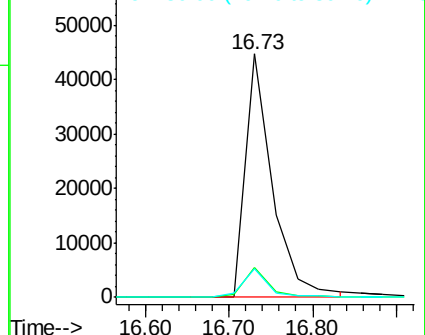
80 12.0 5.3 7.9#



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



#25

Chrysene-d12

Concen: 5.00 ng

RT: 20.98 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

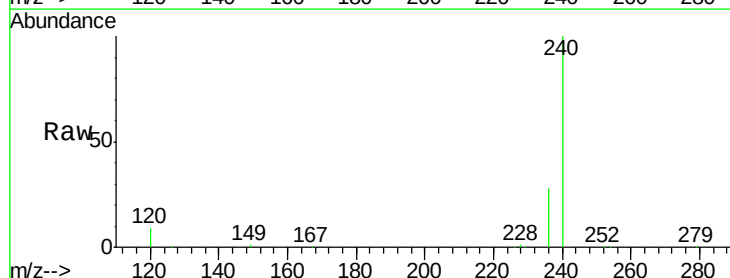
Tgt Ion:240 Resp: 99541

Ion Ratio Lower Upper

240 100

120 9.3 3.5 5.3#

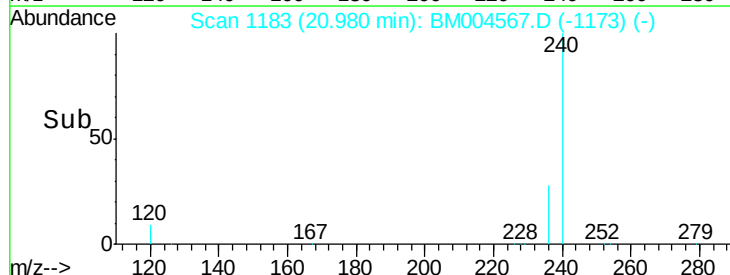
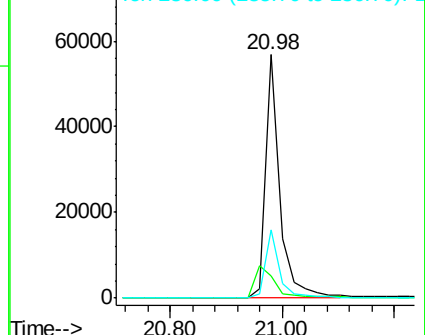
236 28.1 20.3 30.5

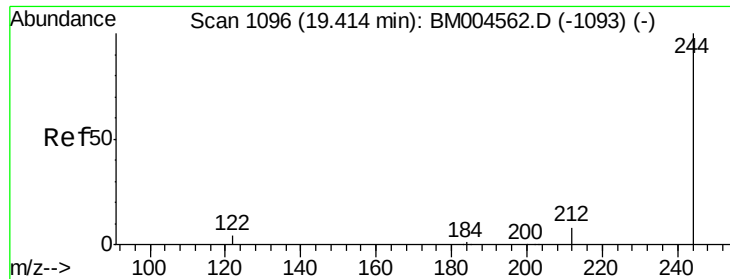


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 3.40 ng

RT: 19.41 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BM004567.D

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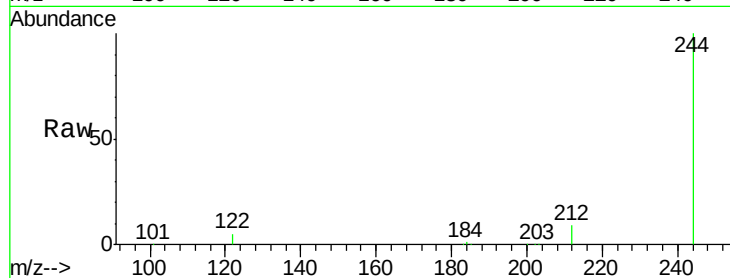
Tgt Ion:244 Resp: 50956

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

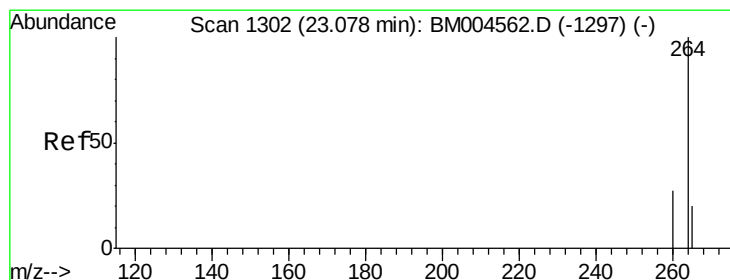
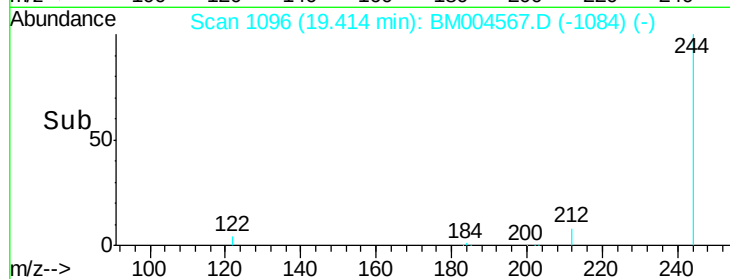
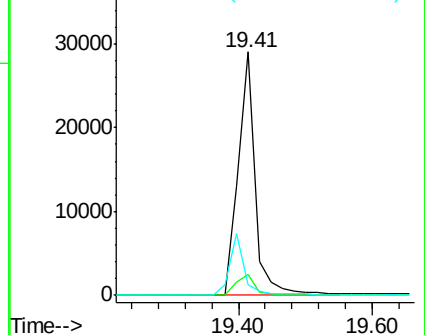
122 4.6 4.2 6.4



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



#34

Perylene-d12

Concen: 5.00 ng

RT: 23.09 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BM004567.D

Acq: 05 Mar 2016 21:43

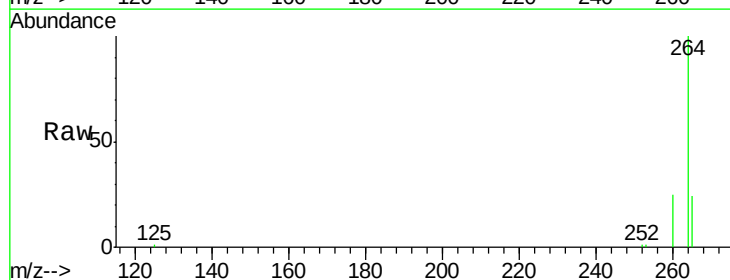
Tgt Ion:264 Resp: 89334

Ion Ratio Lower Upper

264 100

260 25.2 21.4 32.2

265 23.9 17.8 26.8



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

