

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051815\
 Data File : BM001339.D
 Acq On : 18 May 2015 20:24
 Operator : TP/IZ
 Sample : G2280-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 051515-P17-F-D-S

Quant Time: May 19 03:30:18 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 02:11:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	12291	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	44024	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	22451	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	62030	5.00	ng	0.00
24) Chrysene-d12	21.07	240	35155	5.00	ng	-0.01
30) Perylene-d12	23.17	264	33471	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.02	112	12042	5.03	ng	0.00
5) Phenol-d6	6.63	99	9015	3.34	ng	0.00
7) Nitrobenzene-d5	8.60	82	19800	7.08	ng	0.00
13) 2,4,6-Tribromophenol	15.60	330	7377	9.57	ng	-0.03
14) 2-Fluorobiphenyl	12.73	172	61596	8.84	ng	0.00
26) Terphenyl-d14	19.51	244	50734	10.74	ng	0.00

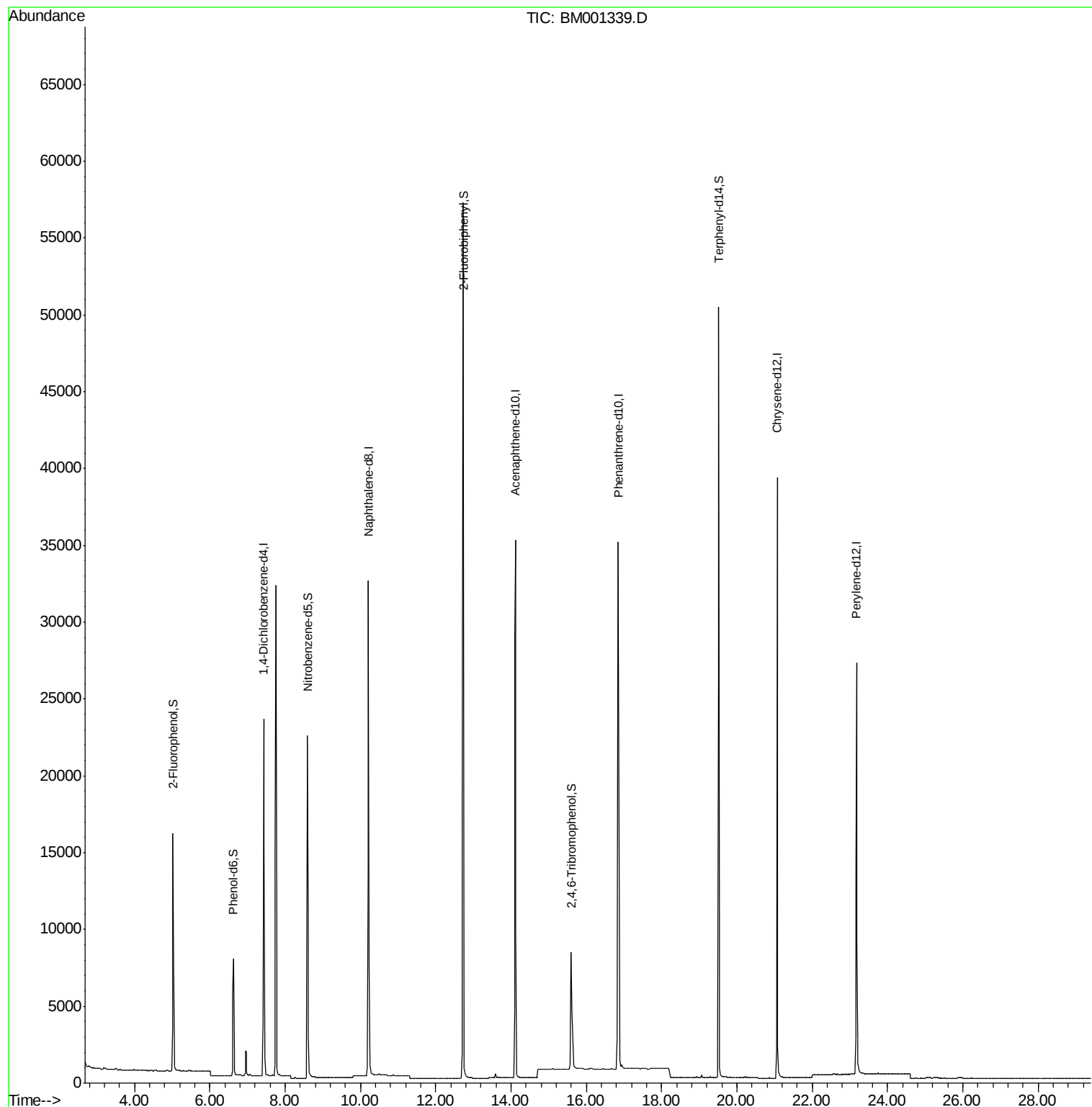
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.43 min Scan# 308

Delta R.T. 0.00 min

Lab File: BM001339.D

Acq: 18 May 2015 20:24

Instrument :

BNA_M

ClientSampleId :

051515-P17-F-D-S

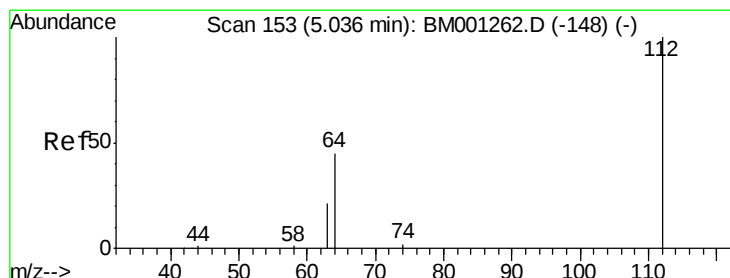
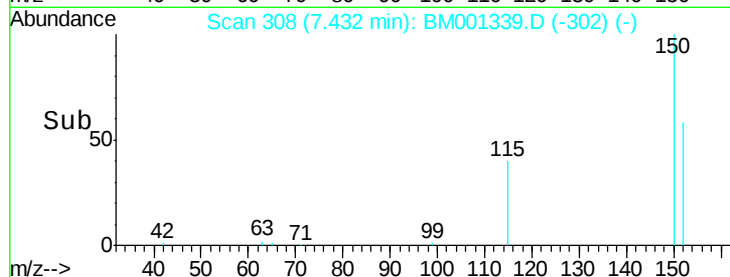
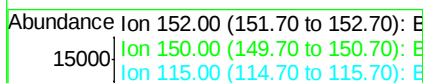
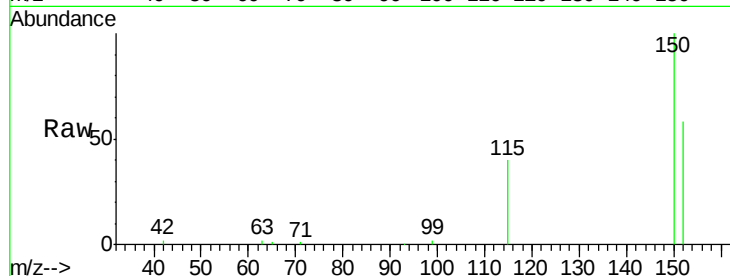
Tgt Ion:152 Resp: 12291

Ion Ratio Lower Upper

152 100

150 172.4 114.6 172.0#

115 69.8 39.3 58.9#



#4

2-Fluorophenol

Concen: 5.03 ng

RT: 5.02 min Scan# 152

Delta R.T. 0.00 min

Lab File: BM001339.D

Acq: 18 May 2015 20:24

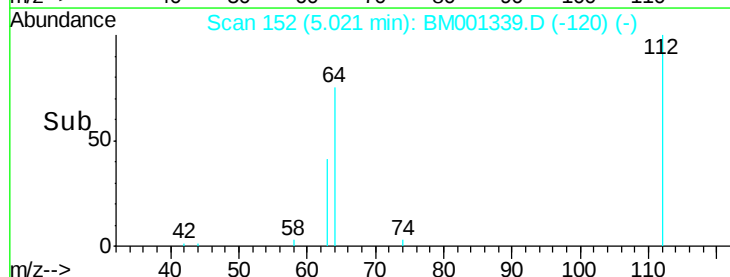
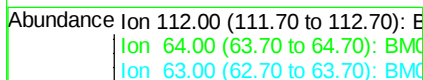
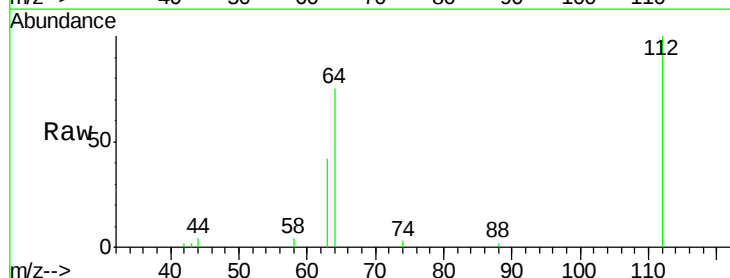
Tgt Ion:112 Resp: 12042

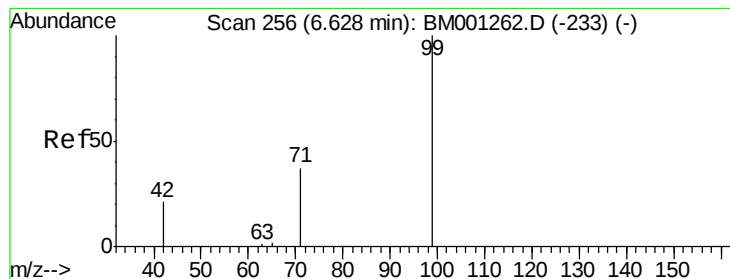
Ion Ratio Lower Upper

112 100

64 64.6 50.8 76.2

63 35.9 28.2 42.4





#5

Phenol-d6

Concen: 3.34 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM001339.D

Acq: 18 May 2015 20:24

Instrument :

BNA_M

ClientSampleId :

051515-P17-F-D-S

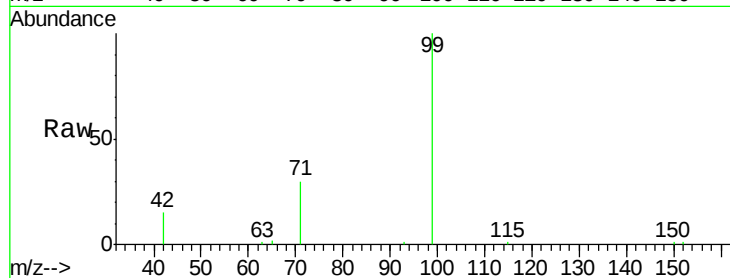
Tgt Ion: 99 Resp: 9015

Ion Ratio Lower Upper

99 100

42 24.6 19.9 29.9

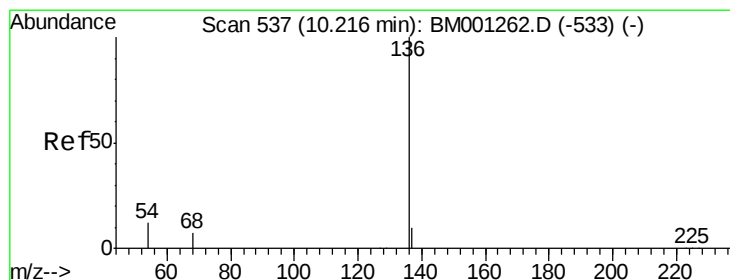
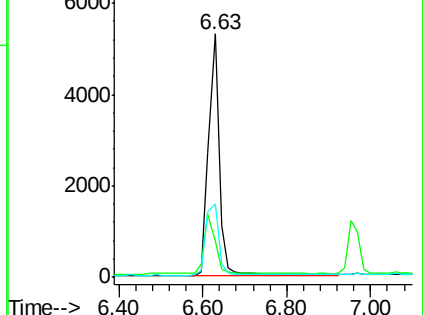
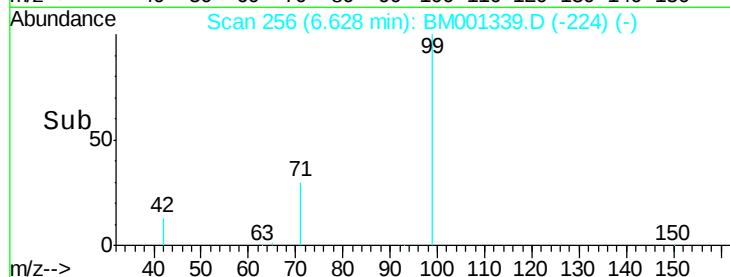
71 35.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM001339.D (-224) (-)

Ion 42.00 (41.70 to 42.70): BM001339.D (-224) (-)

Ion 71.00 (70.70 to 71.70): BM001339.D (-224) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM001339.D

Acq: 18 May 2015 20:24

Tgt Ion: 136 Resp: 44024

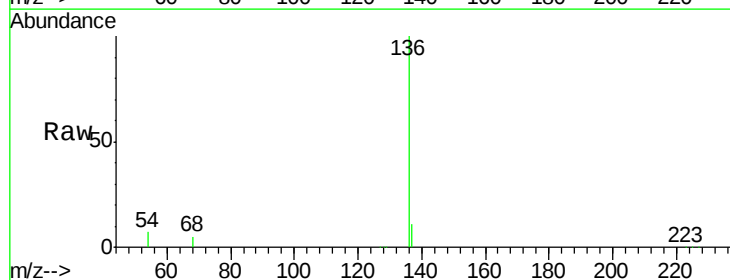
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 7.4 9.5 14.3#

68 4.5 5.5 8.3#

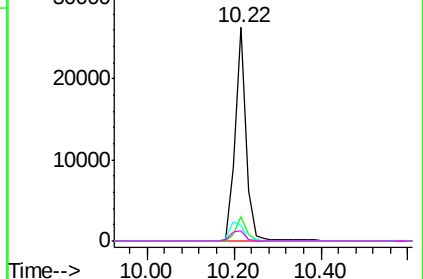
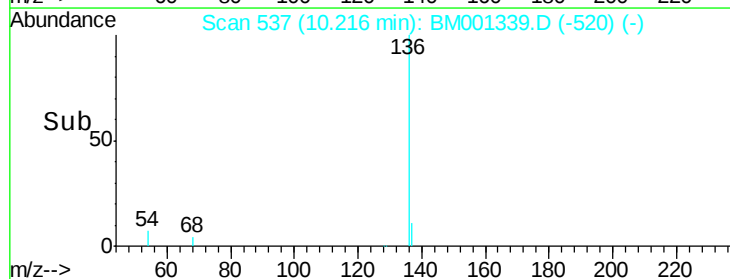


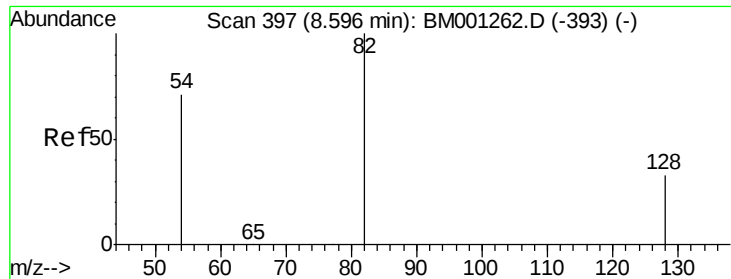
Abundance Ion 136.00 (135.70 to 136.70): BM001339.D (-520) (-)

Ion 137.00 (136.70 to 137.70): BM001339.D (-520) (-)

Ion 54.00 (53.70 to 54.70): BM001339.D (-520) (-)

Ion 68.00 (67.70 to 68.70): BM001339.D (-520) (-)





#7

Nitrobenzene-d5

Concen: 7.08 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001339.D

Acq: 18 May 2015 20:24

Instrument :

BNA_M

ClientSampleId :

051515-P17-F-D-S

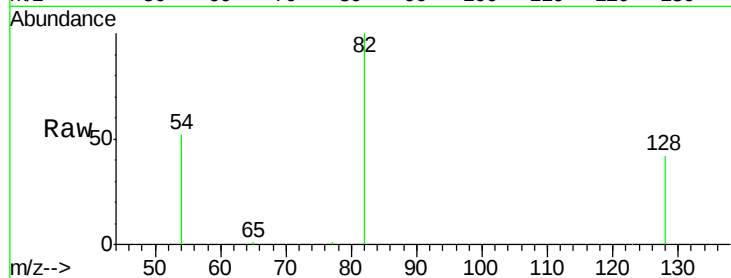
Tgt Ion: 82 Resp: 19800

Ion Ratio Lower Upper

82 100

128 41.8 28.0 42.0

54 52.1 57.3 85.9#



Abundance Ion 82.00 (81.70 to 82.70): BM001262.D (-393) (-)

Ion 128.00 (127.70 to 128.70): BM001262.D (-393) (-)

Ion 54.00 (53.70 to 54.70): BM001262.D (-393) (-)

8.60

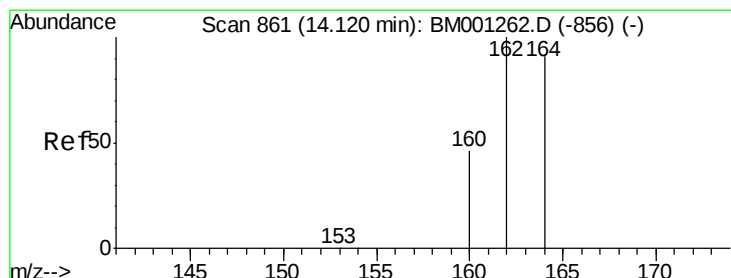
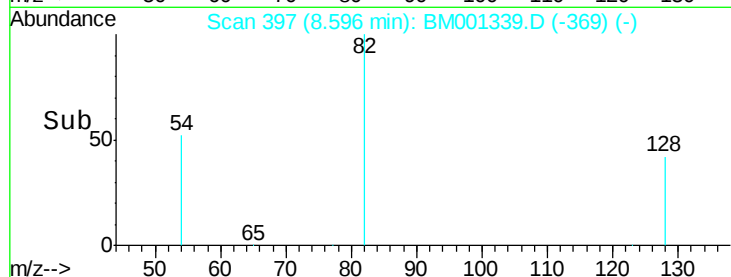
15000

10000

5000

0

Time--> 8.40 8.50 8.60 8.70 8.80



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.12 min Scan# 861

Delta R.T. 0.00 min

Lab File: BM001339.D

Acq: 18 May 2015 20:24

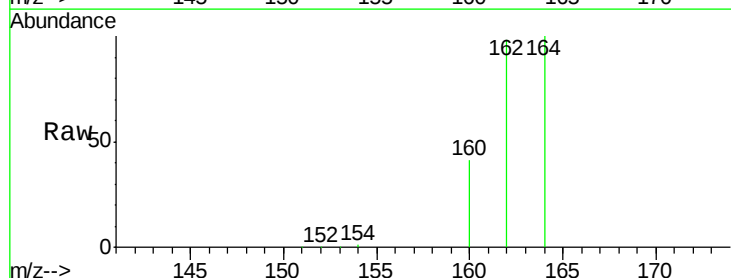
Tgt Ion: 164 Resp: 22451

Ion Ratio Lower Upper

164 100

162 98.2 87.9 131.9

160 41.3 40.9 61.3



Abundance Ion 164.00 (163.70 to 164.70): BM001262.D (-856) (-)

Ion 162.00 (161.70 to 162.70): BM001262.D (-856) (-)

Ion 160.00 (159.70 to 160.70): BM001262.D (-856) (-)

14.12

20000

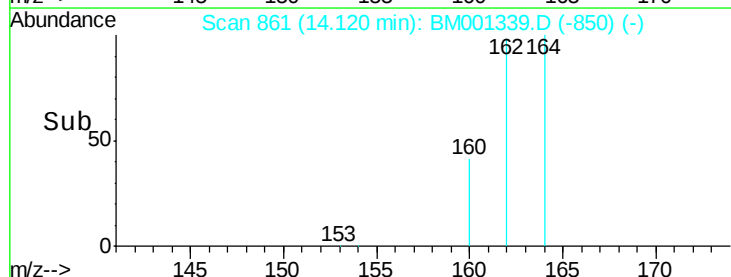
15000

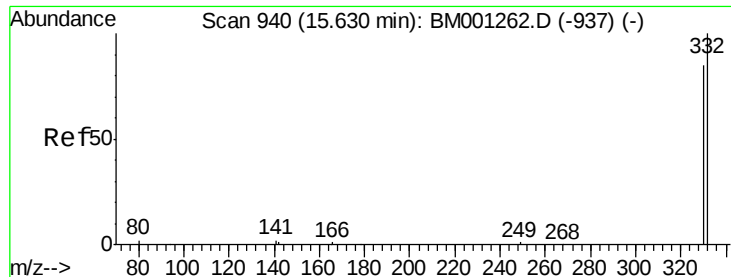
10000

5000

0

Time--> 14.00 14.20 14.40

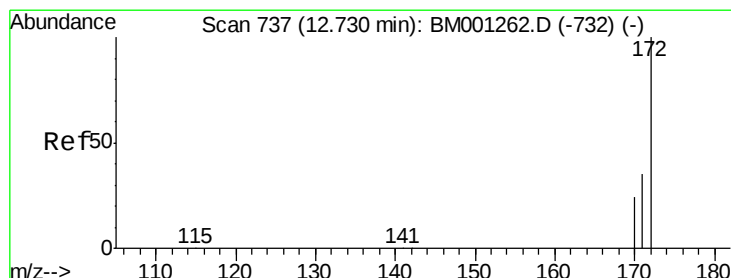
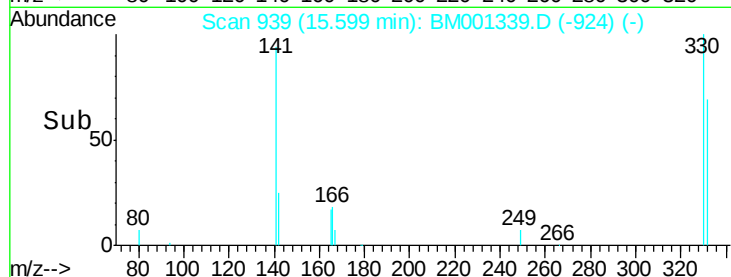
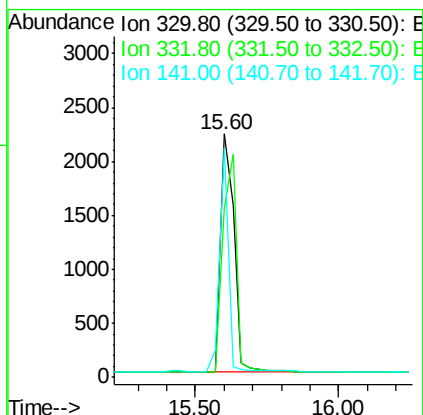
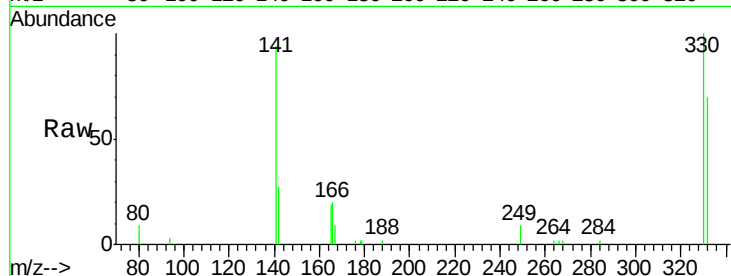




#13
 2,4,6-Tribromophenol
 Concen: 9.57 ng
 RT: 15.60 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: BM001339.D
 Acq: 18 May 2015 20:24

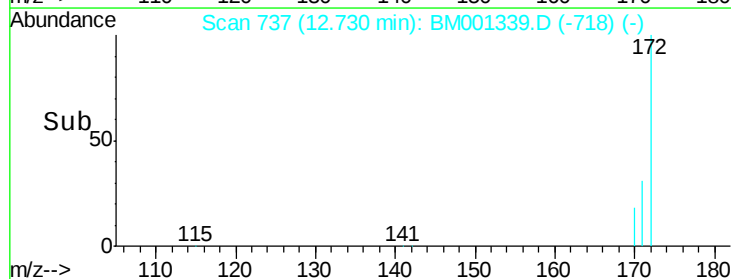
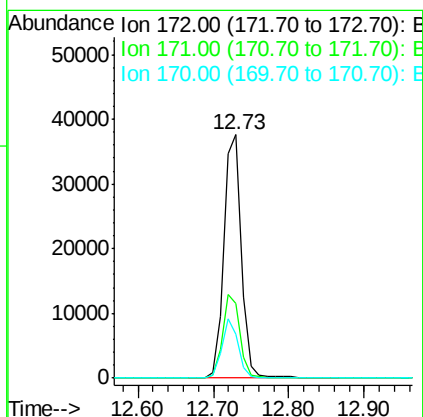
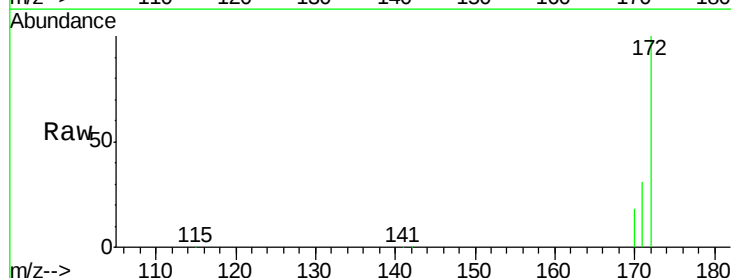
Instrument :
 BNA_M
 ClientSampleId :
 051515-P17-F-D-S

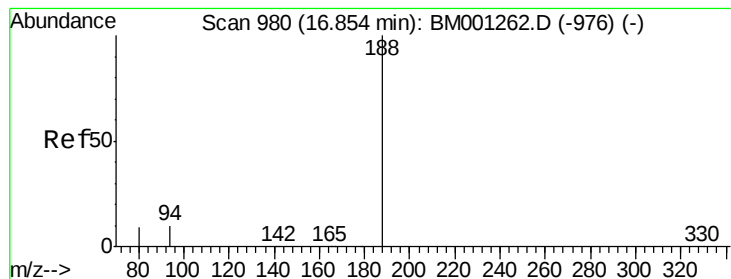
Tgt Ion:330 Resp: 7377
 Ion Ratio Lower Upper
 330 100
 332 0.0 89.0 133.4#
 141 59.3 0.0 0.0#



#14
 2-Fluorobiphenyl
 Concen: 8.84 ng
 RT: 12.73 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BM001339.D
 Acq: 18 May 2015 20:24

Tgt Ion:172 Resp: 61596
 Ion Ratio Lower Upper
 172 100
 171 30.6 28.7 43.1
 170 18.1 19.5 29.3#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001339.D

Acq: 18 May 2015 20:24

Instrument :

BNA_M

ClientSampleId :

051515-P17-F-D-S

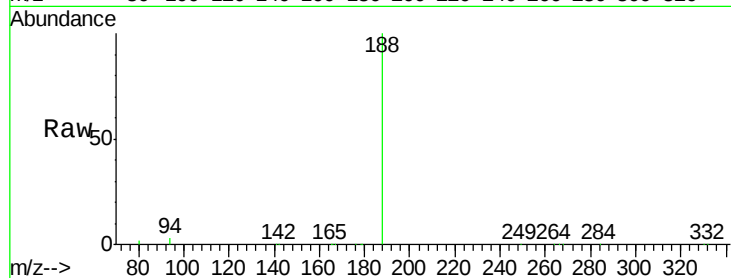
Tgt Ion:188 Resp: 62030

Ion Ratio Lower Upper

188 100

94 2.6 7.8 11.8#

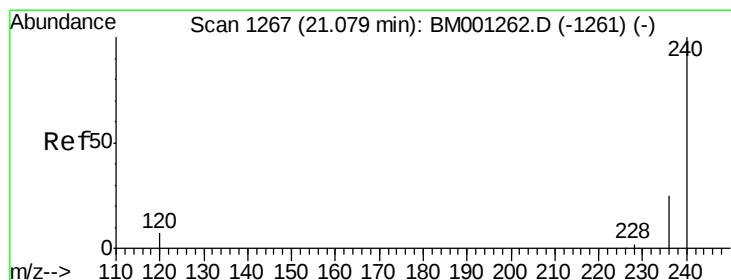
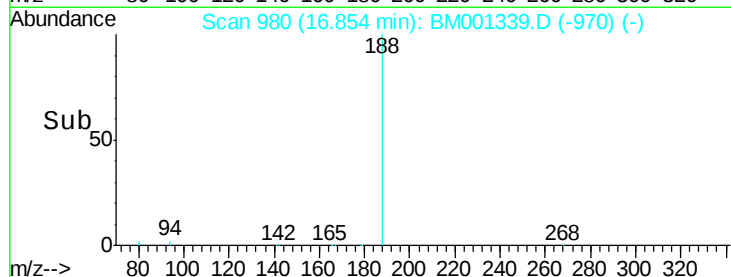
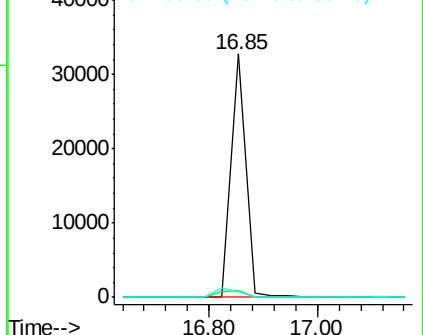
80 2.2 7.5 11.3#



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM001339.D

Acq: 18 May 2015 20:24

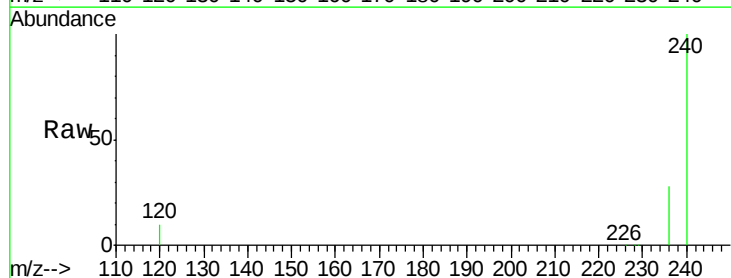
Tgt Ion:240 Resp: 35155

Ion Ratio Lower Upper

240 100

120 10.1 5.5 8.3#

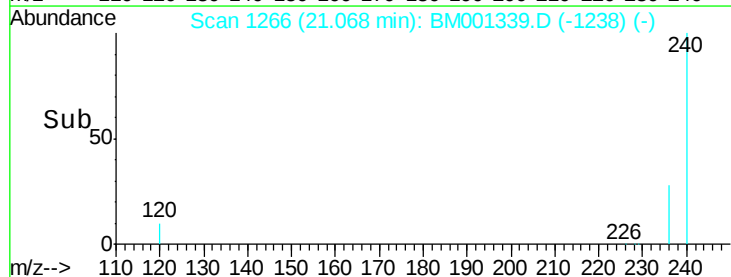
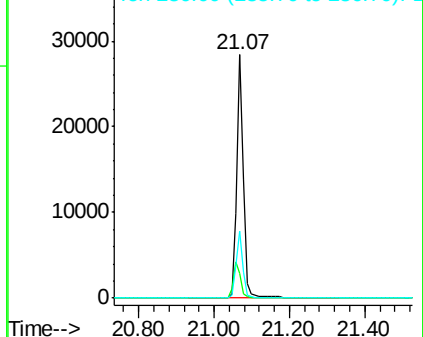
236 27.6 20.4 30.6

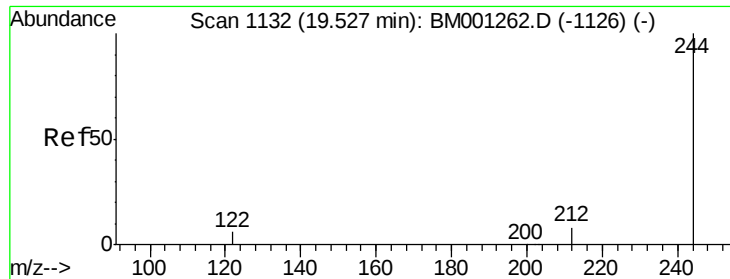


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 10.74 ng

RT: 19.51 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BM001339.D

Acq: 18 May 2015 20:24

Instrument :

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ClientSampleId :

051515-P17-F-D-S

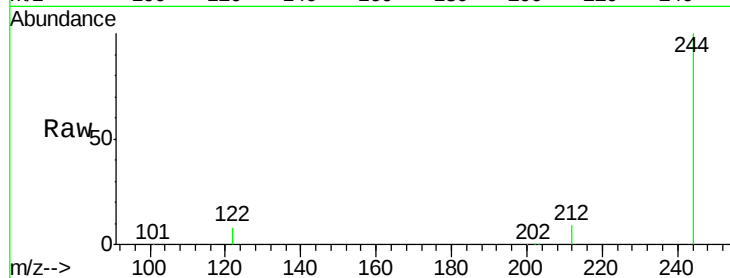
Tgt Ion:244 Resp: 50734

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

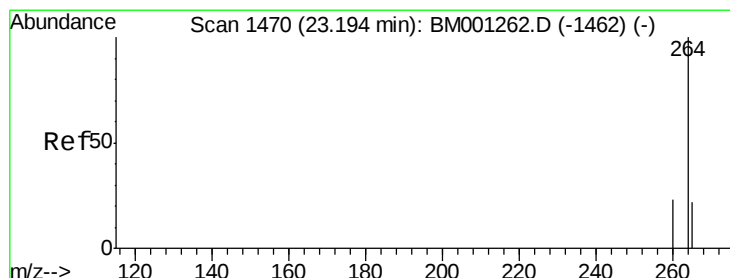
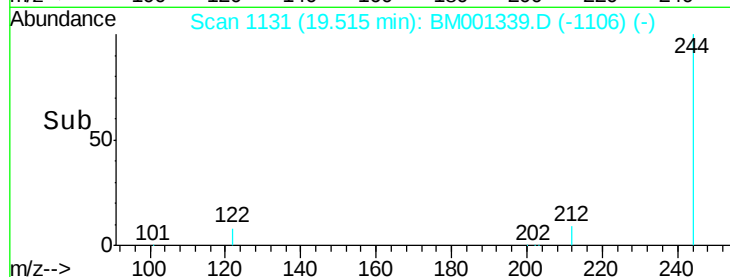
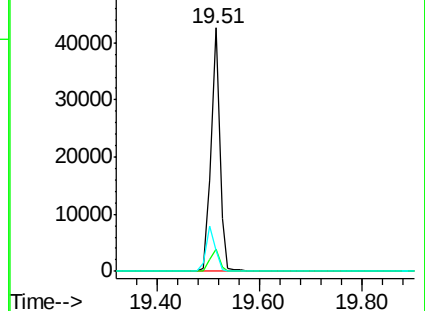
122 8.5 5.6 8.4#



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



#30

Perylene-d12

Concen: 5.00 ng

RT: 23.17 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BM001339.D

Acq: 18 May 2015 20:24

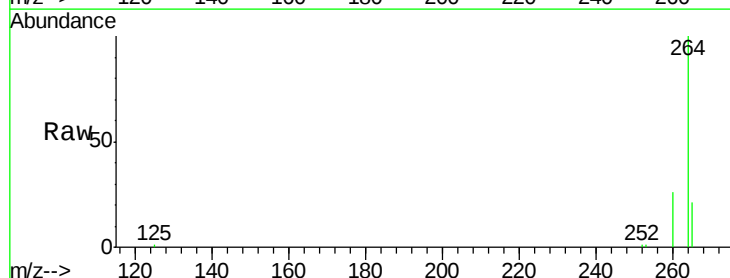
Tgt Ion:264 Resp: 33471

Ion Ratio Lower Upper

264 100

260 26.3 18.9 28.3

265 20.6 18.1 27.1



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

