

Data Path : Z:\HPCHEM1\BNA_M\Data\BM120915\
 Data File : BM003449.D
 Acq On : 10 Dec 2015 13:06
 Operator : UM/IZ
 Sample : G4690-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-15

Quant Time: Dec 10 13:47:30 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	72640	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	304737	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	165989	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	351637	20.00	ng	0.00
75) Chrysene-d12	21.32	240	371135	20.00	ng	0.00
86) Perylene-d12	23.57	264	364054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	266063	65.12	ng	0.00
7) Phenol-d6	6.89	99	218585	38.53	ng	0.00
23) Nitrobenzene-d5	8.88	82	465875	94.79	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	234717	141.59	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1121369	92.04	ng	0.00
78) Terphenyl-d14	19.76	244	1303485	82.83	ng	0.00

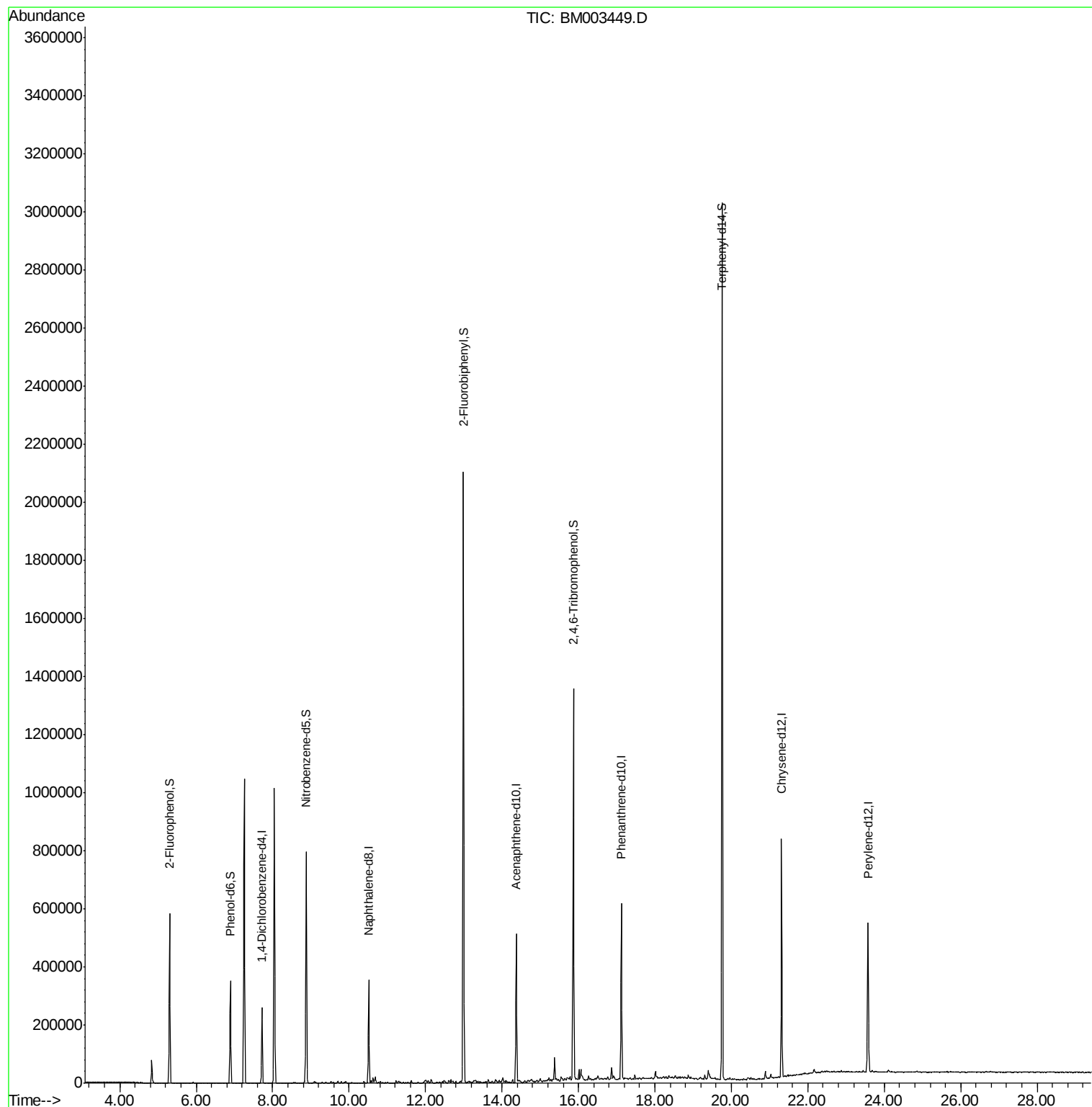
Target Compounds	Qvalue
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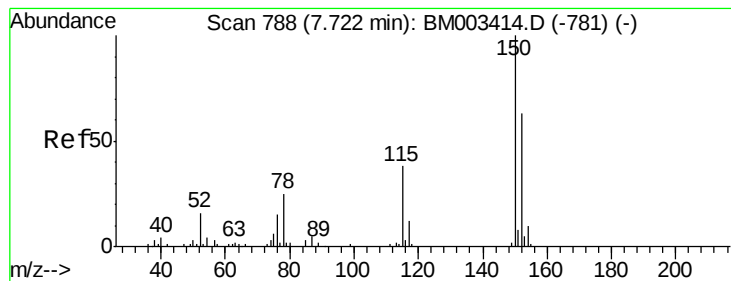
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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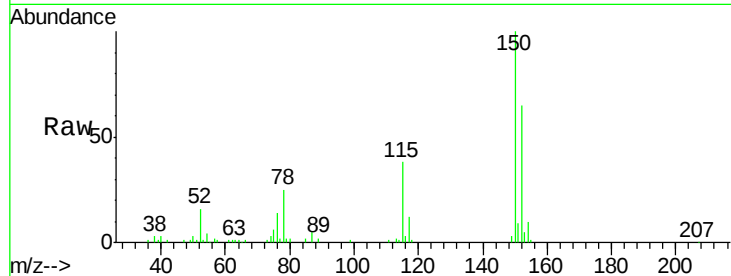


#1

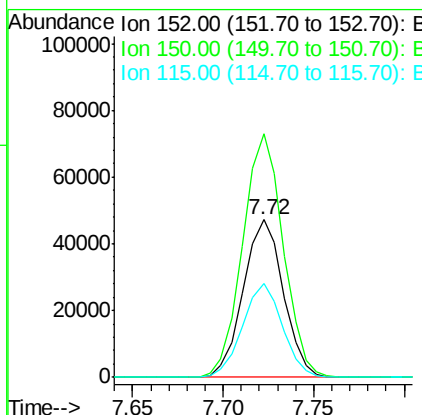
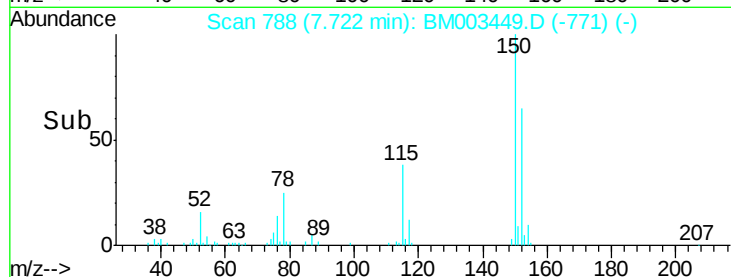
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003449.D
Acq: 10 Dec 2015 13:06

Instrument :
BNA_M
ClientSampled :
MW-15

Tgt Ion:152 Resp: 72640
Ion Ratio Lower Upper
152 100
150 154.8 119.5 179.3
115 59.4 43.0 64.4



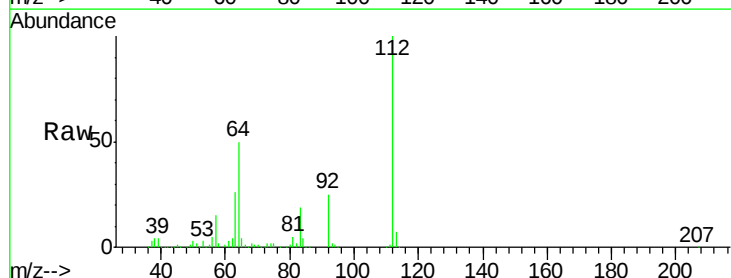
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



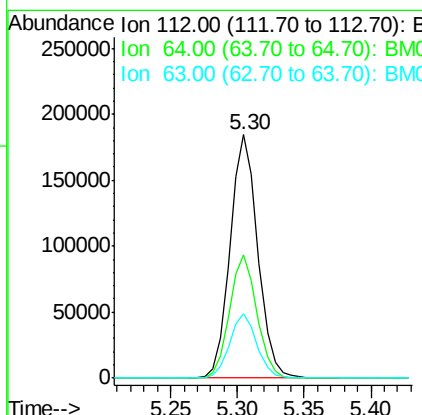
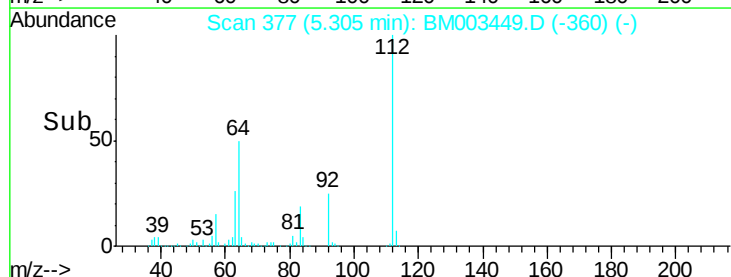
#5

2-Fluorophenol
Concen: 65.12 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003449.D
Acq: 10 Dec 2015 13:06

Tgt Ion:112 Resp: 266063
Ion Ratio Lower Upper
112 100
64 50.4 38.6 57.8
63 26.4 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





#7

Phenol-d6

Concen: 38.53 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM003449.D

Acq: 10 Dec 2015 13:06

Instrument :

BNA_M

ClientSampleId :

MW-15

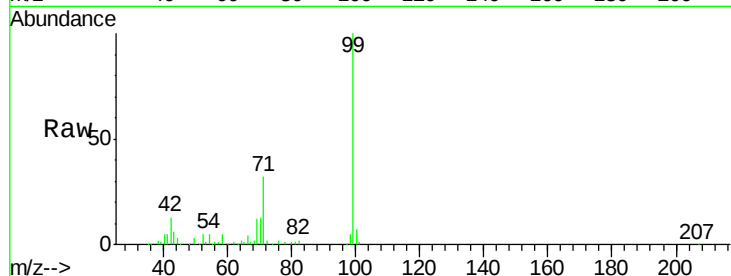
Tgt Ion: 99 Resp: 218585

Ion Ratio Lower Upper

99 100

42 13.3 11.0 16.4

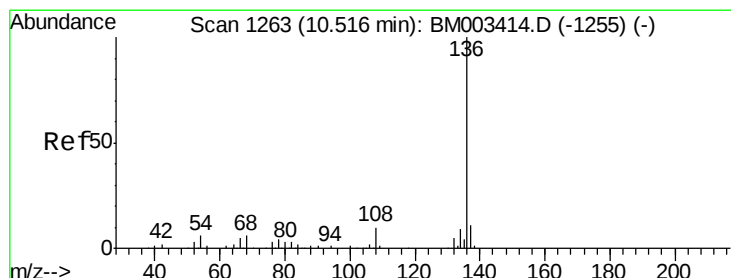
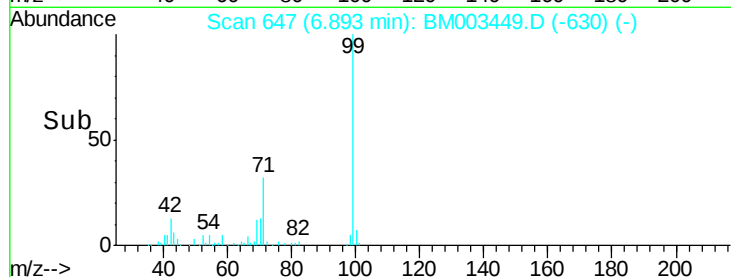
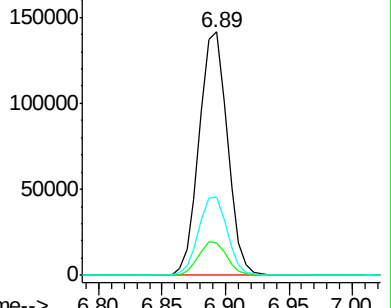
71 32.4 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM003449.D

Acq: 10 Dec 2015 13:06

Tgt Ion: 136 Resp: 304737

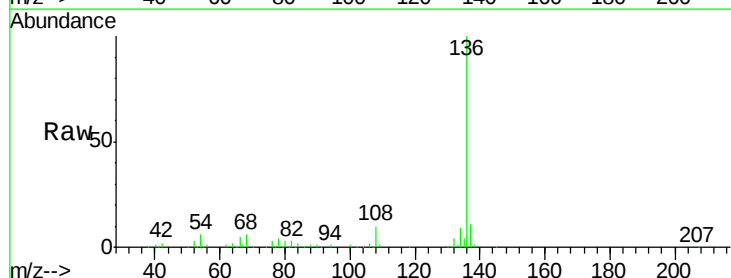
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.1 4.6 6.8

68 5.7 3.7 5.5#

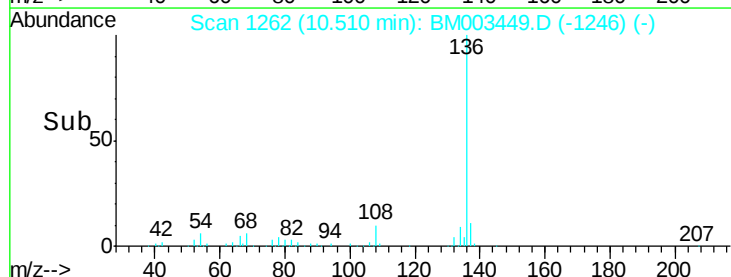
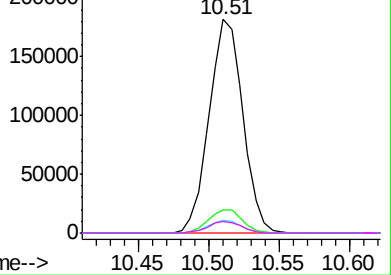


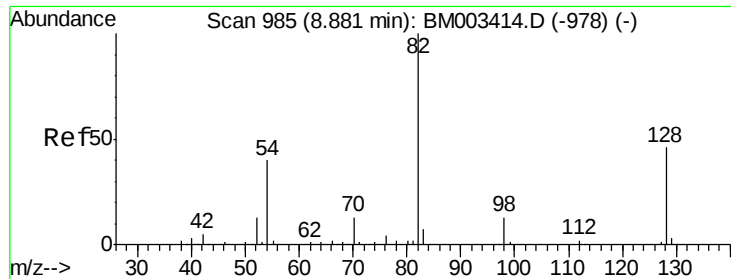
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

Ion 137.00 (136.70 to 137.70): BM003414.D (-1255) (-)

Ion 54.00 (53.70 to 54.70): BM003414.D (-1255) (-)

Ion 68.00 (67.70 to 68.70): BM003414.D (-1255) (-)

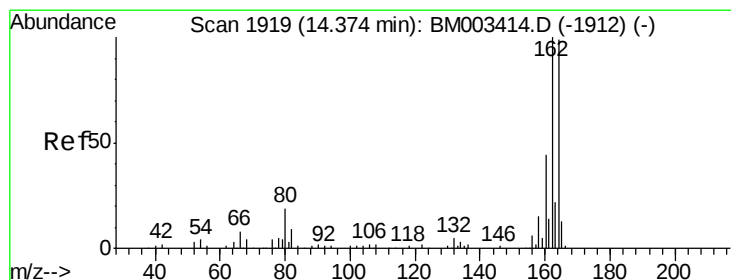
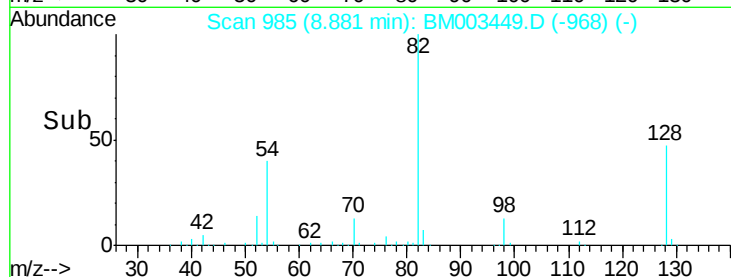
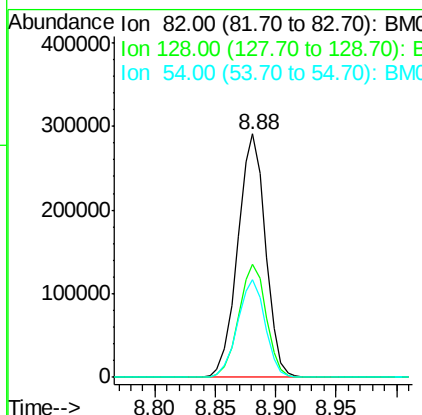
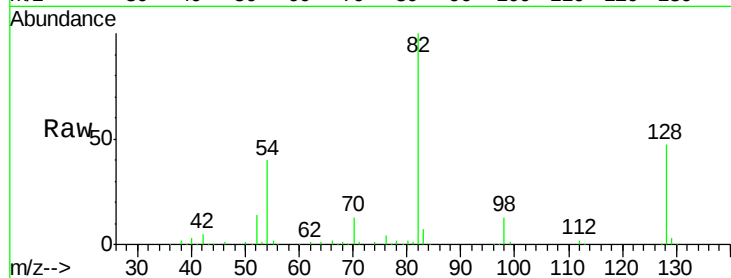




#23
 Nitrobenzene-d5
 Concen: 94.79 ng
 RT: 8.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BM003449.D
 Acq: 10 Dec 2015 13:06

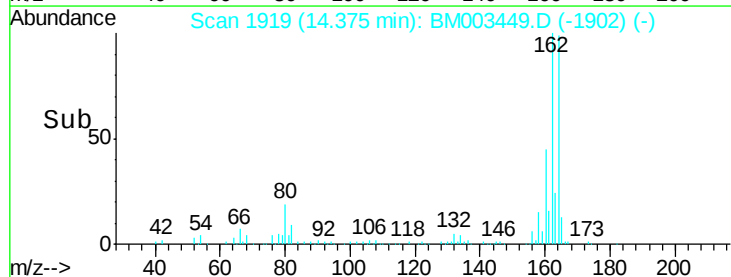
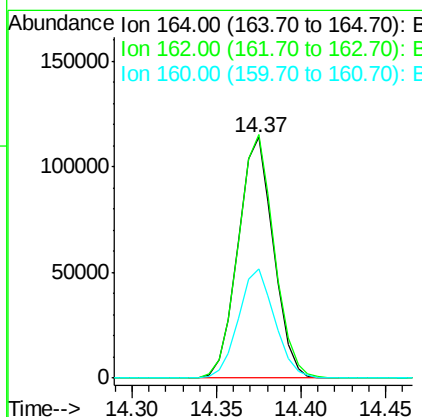
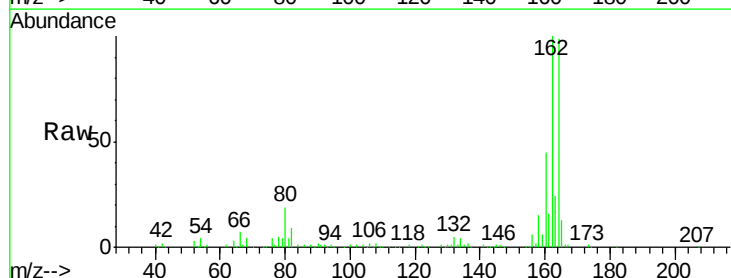
Instrument :
 BNA_M
 ClientSampled :
 MW-15

Tgt Ion: 82 Resp: 465875
 Ion Ratio Lower Upper
 82 100
 128 46.6 32.8 49.2
 54 40.0 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BM003449.D
 Acq: 10 Dec 2015 13:06

Tgt Ion: 164 Resp: 165989
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.4 123.6
 160 45.2 35.8 53.6

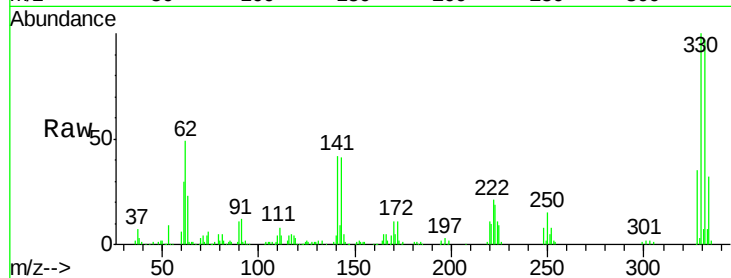




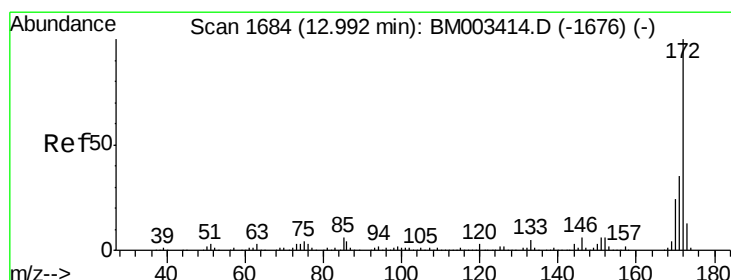
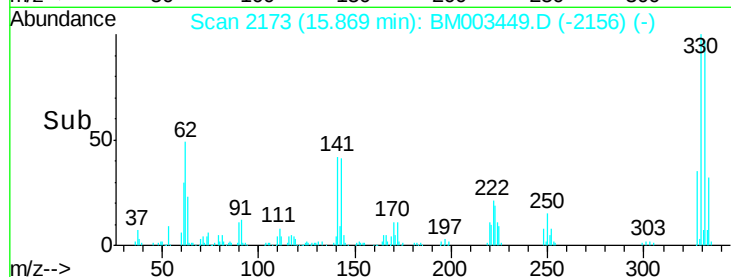
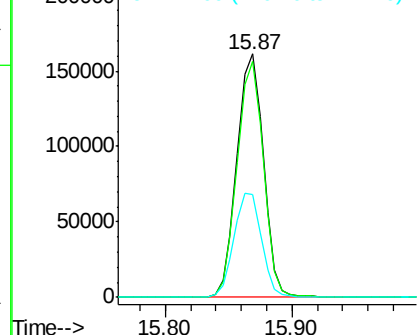
#41
 2,4,6-Tribromophenol
 Concen: 141.59 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BM003449.D
 Acq: 10 Dec 2015 13:06

Instrument :
 BNA_M
 ClientSampled :
 MW-15

Tgt Ion:330 Resp: 234717
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 44.3 0.0 0.0#

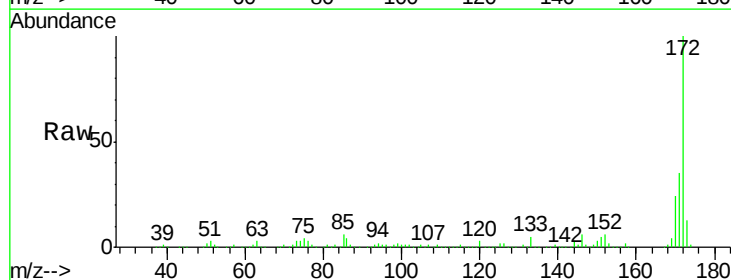


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

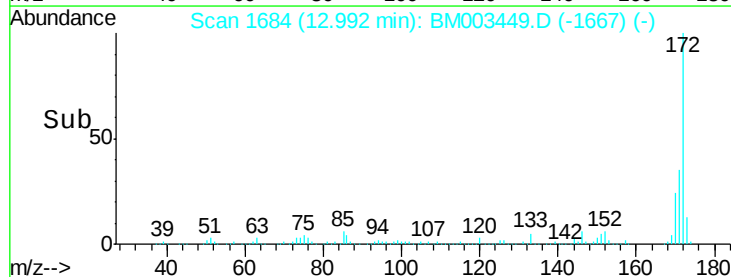
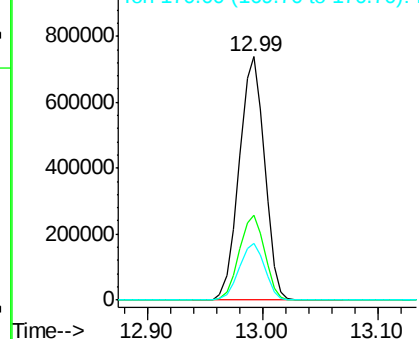


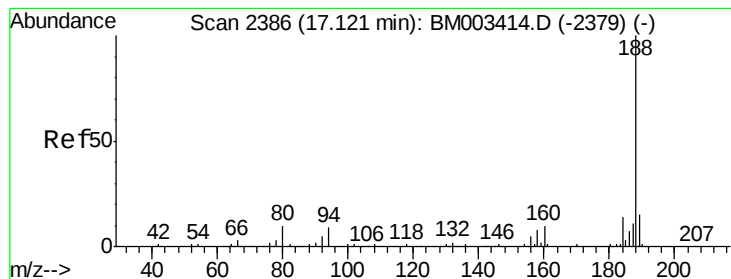
#44
 2-Fluorobiphenyl
 Concen: 92.04 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM003449.D
 Acq: 10 Dec 2015 13:06

Tgt Ion:172 Resp: 1121369
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.6 18.8 28.2



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.12 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BM003449.D

Acq: 10 Dec 2015 13:06

Instrument :

BNA_M

ClientSampleId :

MW-15

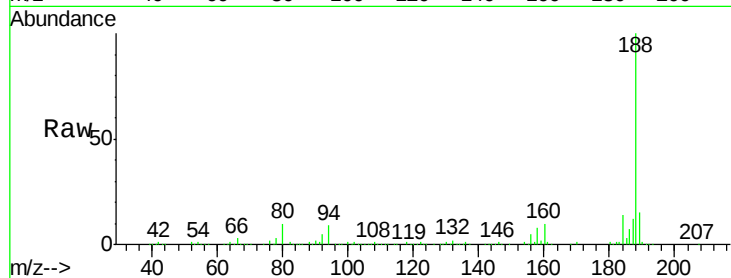
Tgt Ion:188 Resp: 351637

Ion Ratio Lower Upper

188 100

94 9.1 8.7 13.1

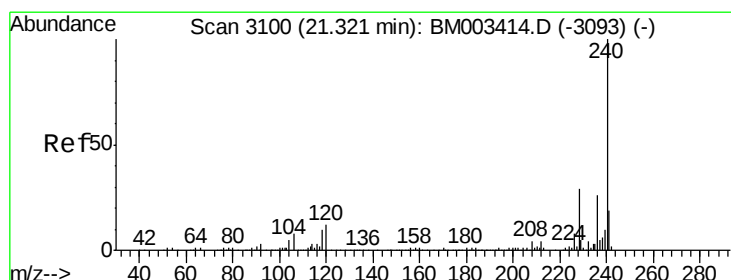
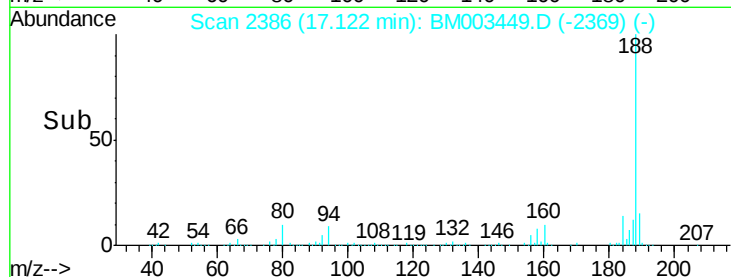
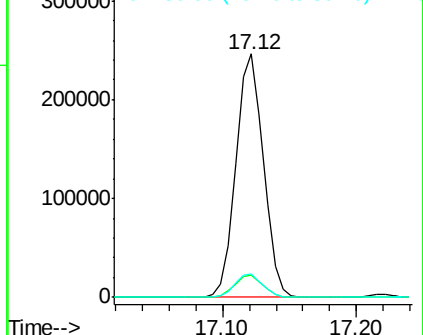
80 9.7 9.3 13.9



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM003449.D

Acq: 10 Dec 2015 13:06

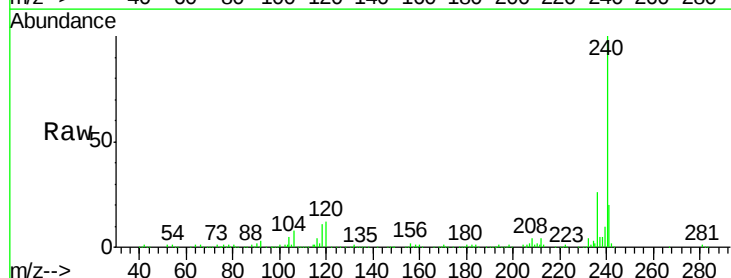
Tgt Ion:240 Resp: 371135

Ion Ratio Lower Upper

240 100

120 12.2 8.2 12.2

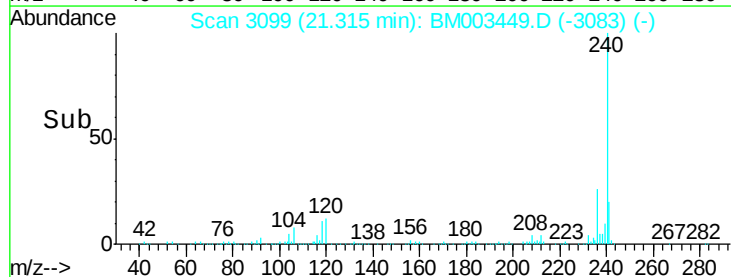
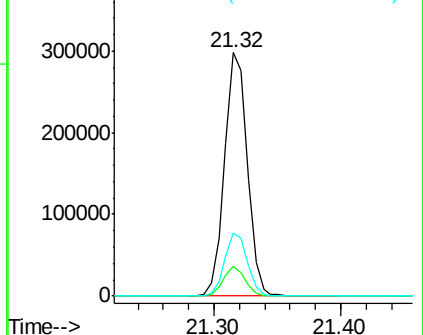
236 26.2 20.0 30.0

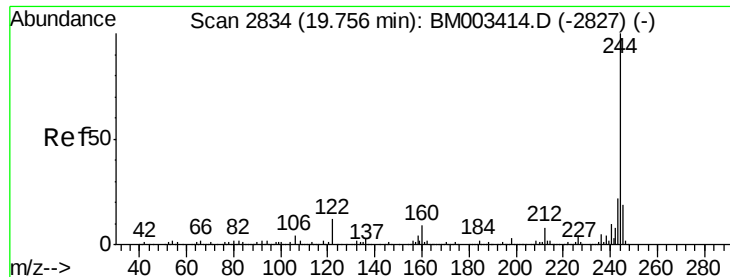


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.83 ng

RT: 19.76 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM003449.D

Acq: 10 Dec 2015 13:06

Instrument :

BNA_M

ClientSampled :

MW-15

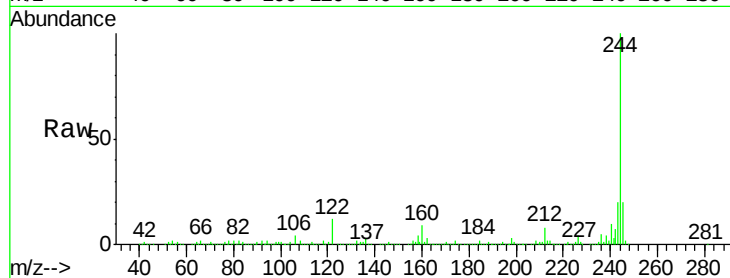
Tgt Ion:244 Resp: 1303485

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

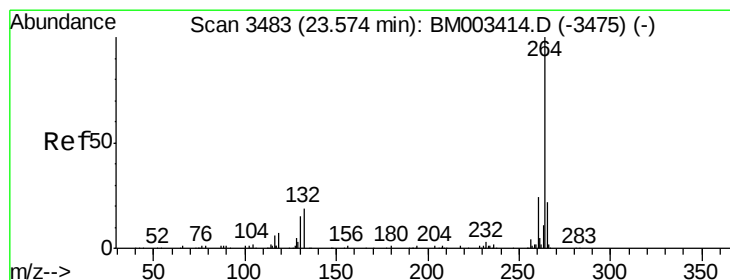
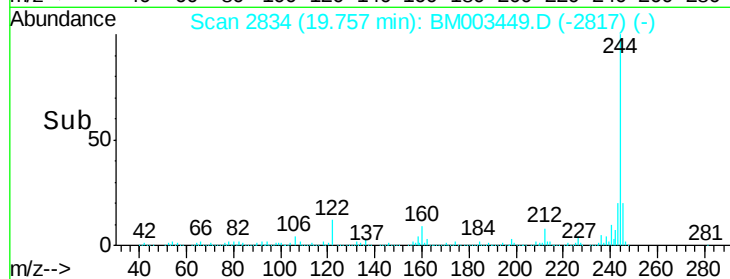
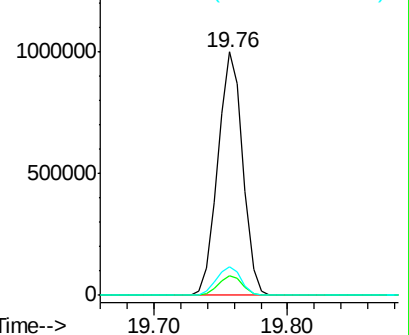
122 11.8 6.2 9.4#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.57 min Scan# 3483

Delta R.T. 0.00 min

Lab File: BM003449.D

Acq: 10 Dec 2015 13:06

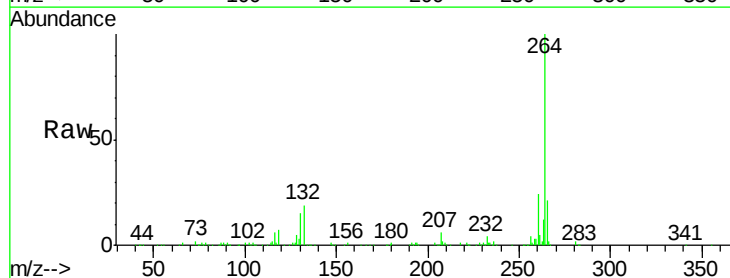
Tgt Ion:264 Resp: 364054

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.0 17.3 25.9



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

