

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121015\
 Data File : BM003477.D
 Acq On : 11 Dec 2015 05:58
 Operator : UM/IZ
 Sample : G4725-06
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB6(4-8)

Quant Time: Dec 11 07:02:41 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

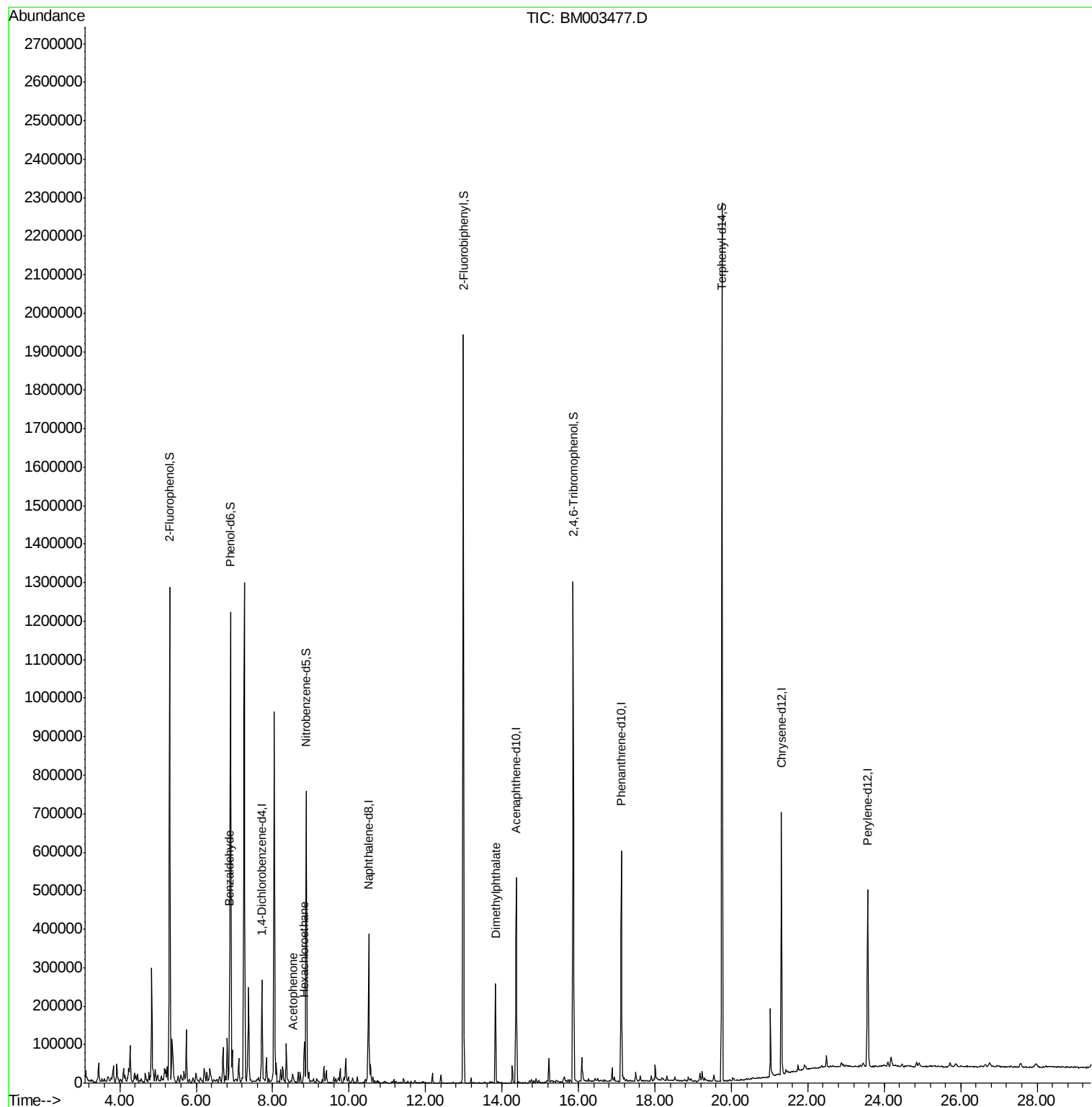
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	74259	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	327874	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	181926	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	357867	20.00	ng	0.00
75) Chrysene-d12	21.32	240	329430	20.00	ng	0.00
86) Perylene-d12	23.57	264	320699	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	572242	137.01	ng	0.00
7) Phenol-d6	6.89	99	782819	134.97	ng	0.00
23) Nitrobenzene-d5	8.88	82	452857	85.64	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	221360	121.83	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1020012	76.39	ng	0.00
78) Terphenyl-d14	19.75	244	1041864	74.58	ng	0.00
Target Compounds						
9) Benzaldehyde	6.87	77	6186	2.18	ng	# 1
18) Hexachloroethane	8.82	117	11785	5.73	ng	# 1
22) Acetophenone	8.52	105	17201	2.14	ng	# 56
49) Dimethylphthalate	13.83	163	172452	11.50	ng	99

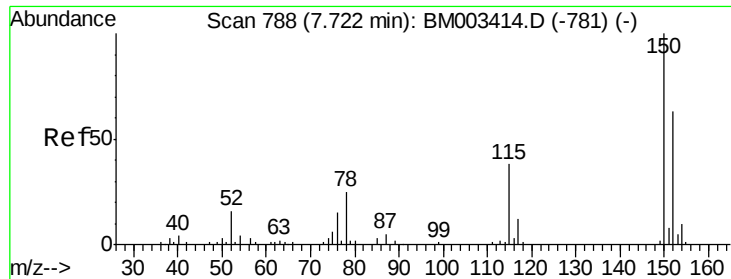
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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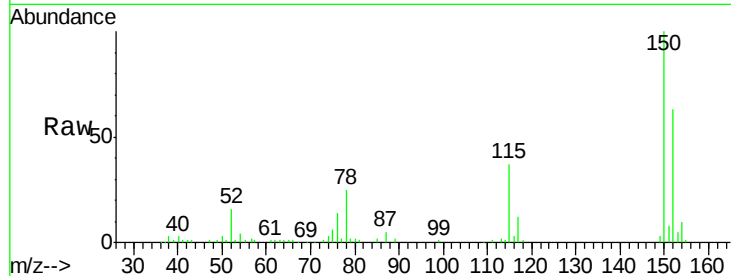


#1

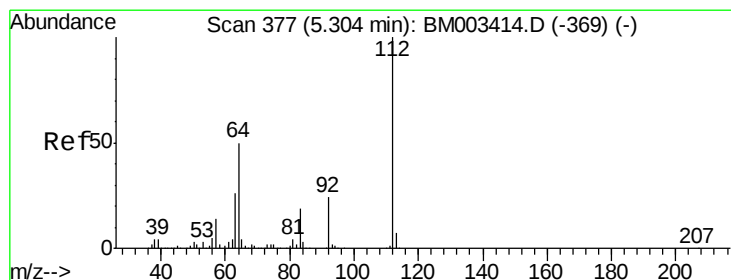
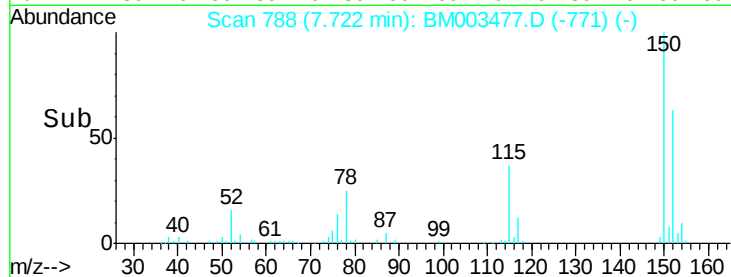
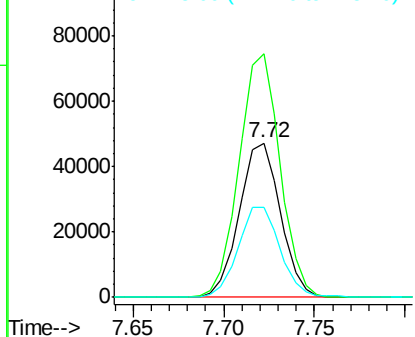
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BM003477.D
Acq: 11 Dec 2015 05:58

Instrument :
BNA_M
ClientSampleId :
SB6(4-8)

Tgt Ion:152 Resp: 74259
Ion Ratio Lower Upper
152 100
150 157.8 119.5 179.3
115 58.5 43.0 64.4



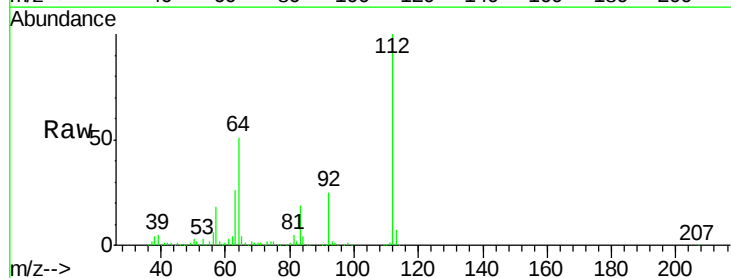
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



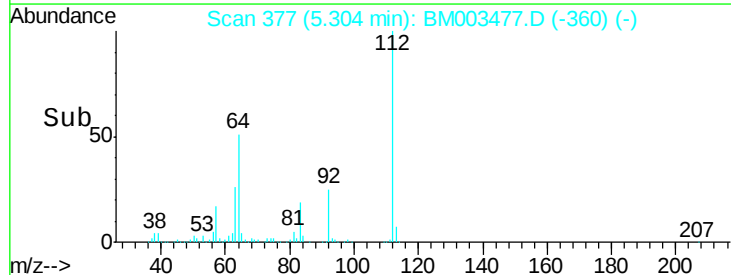
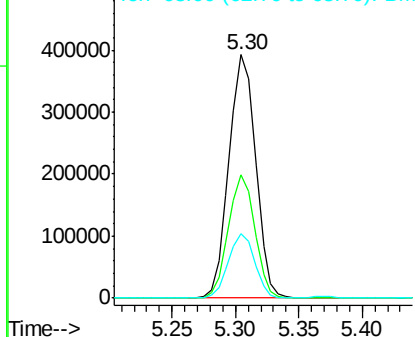
#5

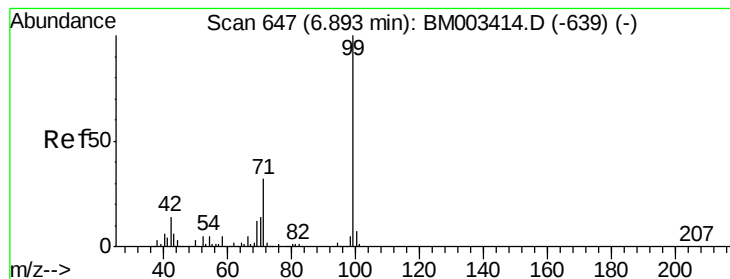
2-Fluorophenol
Concen: 137.01 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003477.D
Acq: 11 Dec 2015 05:58

Tgt Ion:112 Resp: 572242
Ion Ratio Lower Upper
112 100
64 50.6 38.6 57.8
63 26.5 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: 134.97 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM003477.D

Acq: 11 Dec 2015 05:58

Instrument :

BNA_M

ClientSampleId :

SB6(4-8)

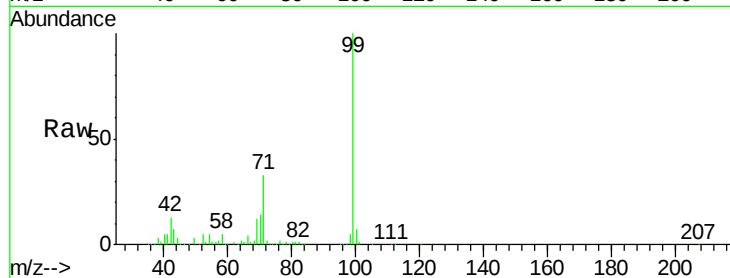
Tgt Ion: 99 Resp: 782819

Ion Ratio Lower Upper

99 100

42 13.5 11.0 16.4

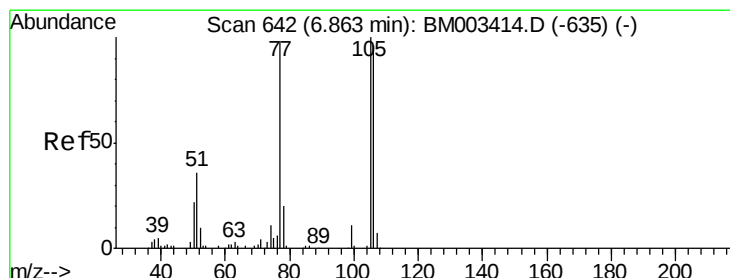
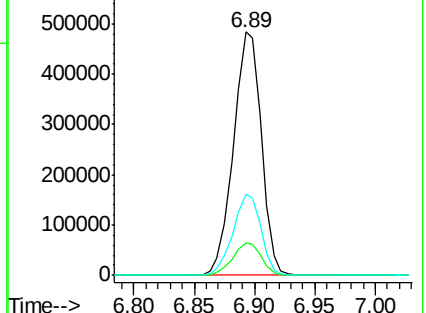
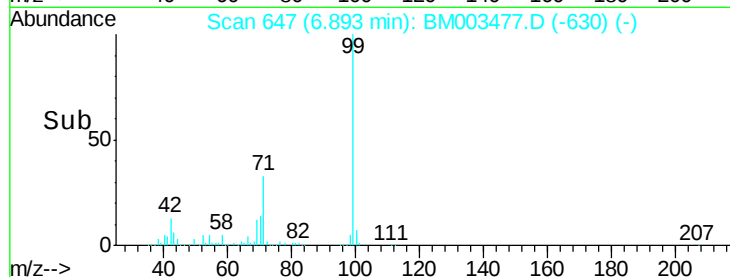
71 33.5 23.4 35.2



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) (-)



#9

Benzaldehyde

Concen: 2.18 ng

RT: 6.87 min Scan# 643

Delta R.T. 0.01 min

Lab File: BM003477.D

Acq: 11 Dec 2015 05:58

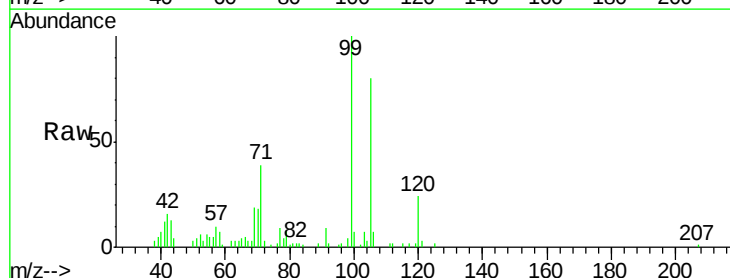
Tgt Ion: 77 Resp: 6186

Ion Ratio Lower Upper

77 100

105 867.0 78.8 118.8#

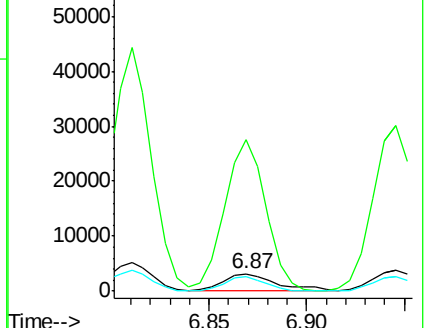
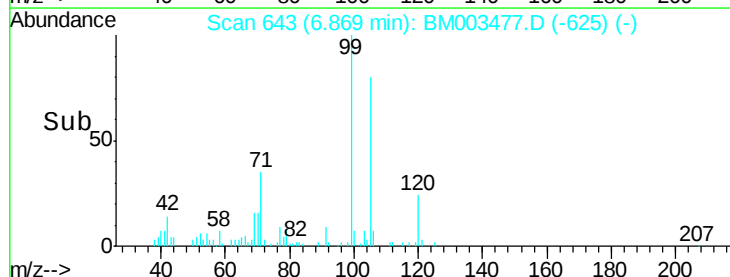
106 80.4 73.7 113.7

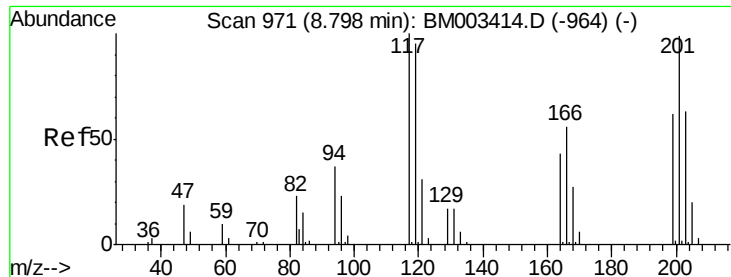


Abundance Ion 77.00 (76.70 to 77.70): BM003414.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM003414.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM003414.D (-635) (-)

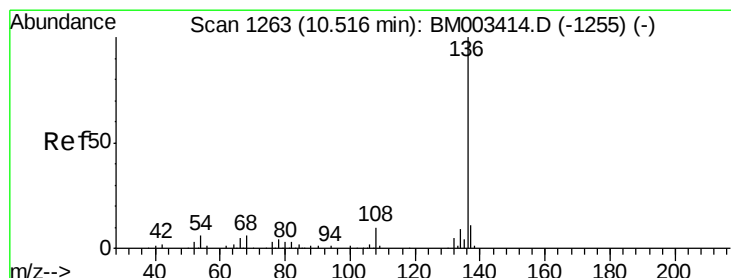
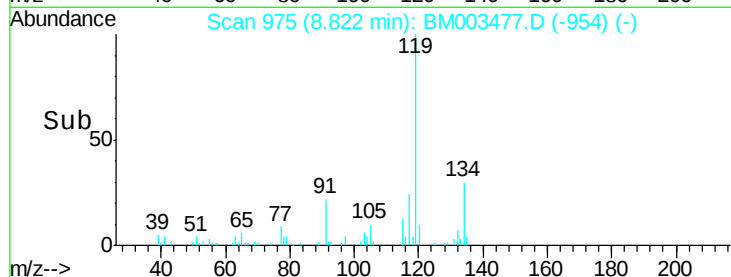
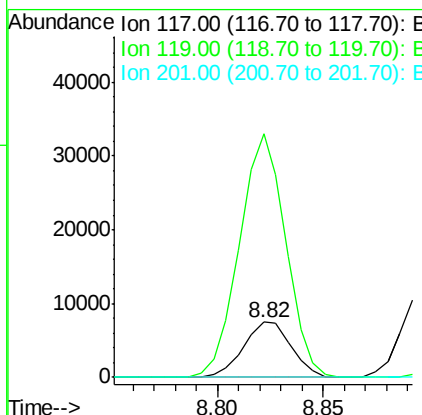
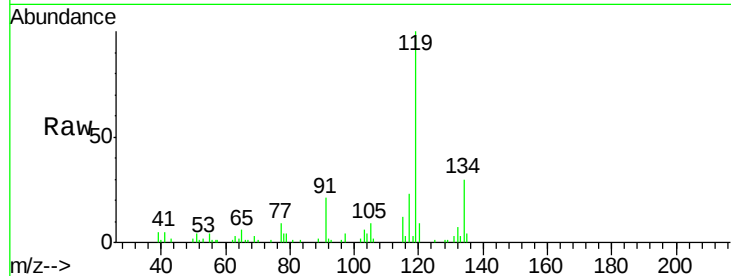




#18
Hexachloroethane
Concen: 5.73 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.02 min
Lab File: BM003477.D
Acq: 11 Dec 2015 05:58

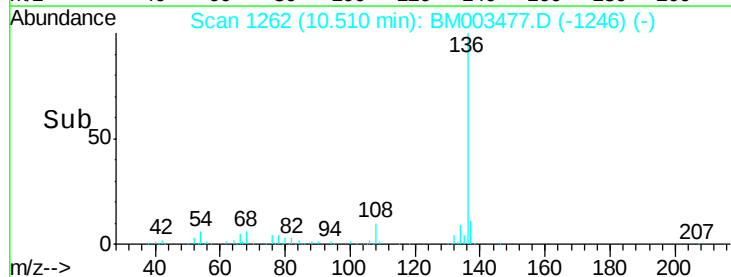
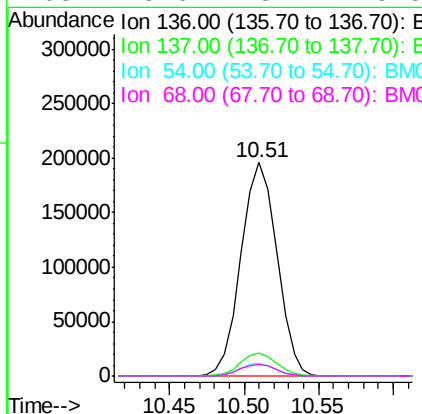
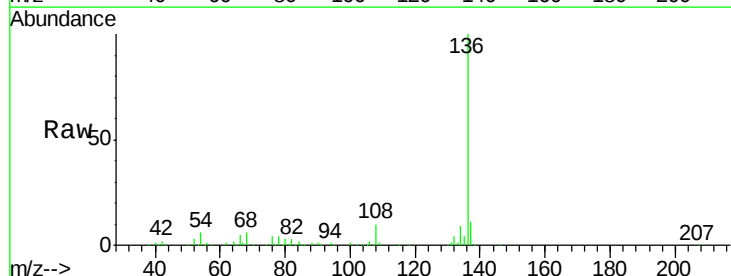
Instrument :
BNA_M
ClientSampleId :
SB6(4-8)

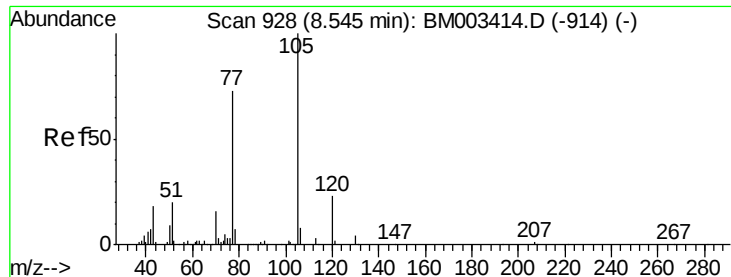
Tgt Ion:117 Resp: 11785
Ion Ratio Lower Upper
117 100
119 441.8 79.2 118.8#
201 0.0 69.8 104.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM003477.D
Acq: 11 Dec 2015 05:58

Tgt Ion:136 Resp: 327874
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.0 4.6 6.8
68 5.6 3.7 5.5#





#22

Acetophenone

Concen: 2.14 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.02 min

Lab File: BM003477.D

Acq: 11 Dec 2015 05:58

Instrument :

BNA_M

ClientSampleId :

SB6(4-8)

Tgt Ion: 105 Resp: 17201

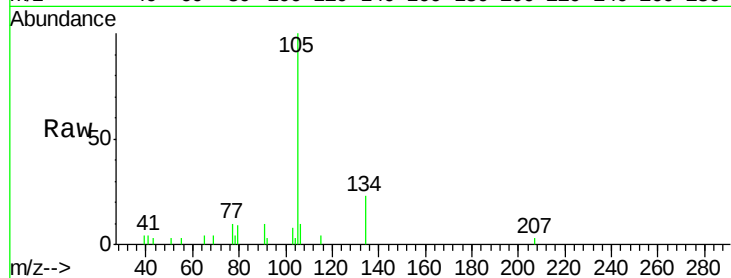
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 3.2 21.6 32.4#

120 0.0 16.1 24.1#

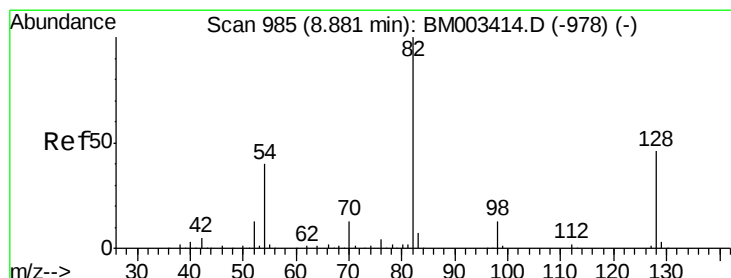
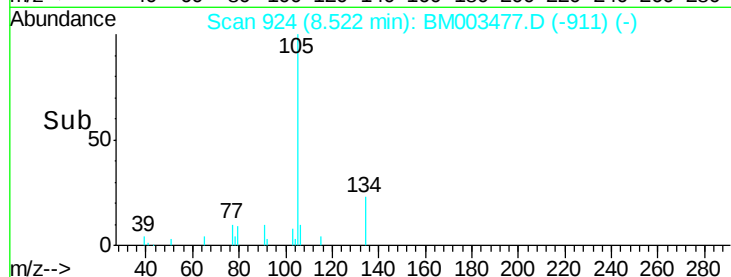
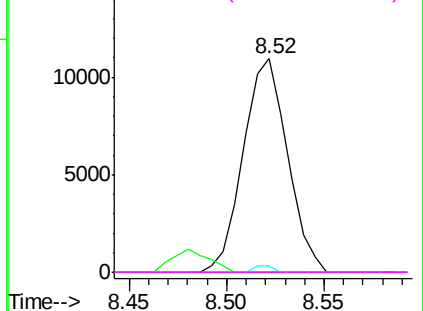


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 85.64 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BM003477.D

Acq: 11 Dec 2015 05:58

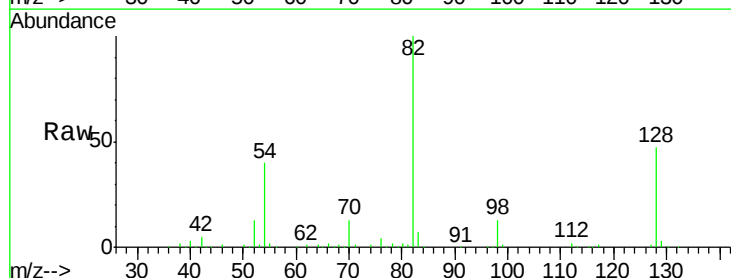
Tgt Ion: 82 Resp: 452857

Ion Ratio Lower Upper

82 100

128 47.5 32.8 49.2

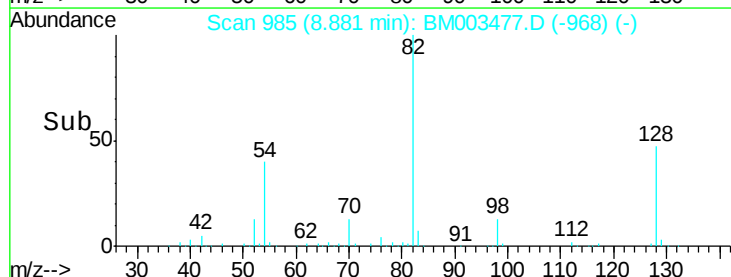
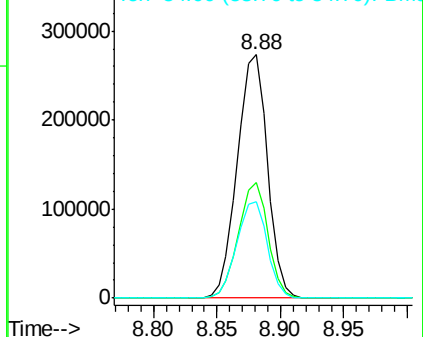
54 39.8 40.6 60.8#

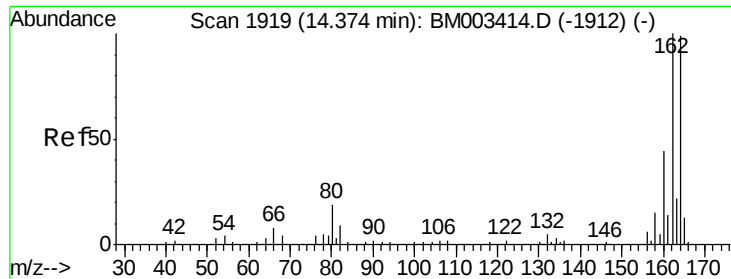


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.37 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BM003477.D

Acq: 11 Dec 2015 05:58

Instrument :

BNA_M

ClientSampleId :

SB6(4-8)

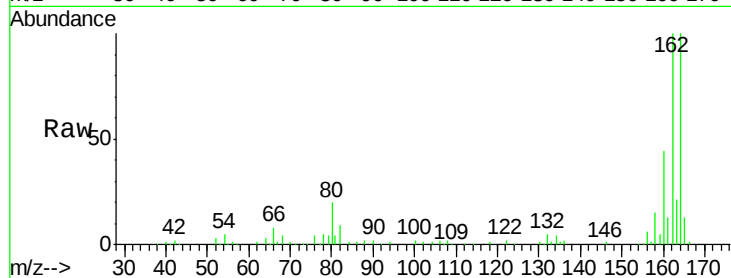
Tgt Ion:164 Resp: 181926

Ion Ratio Lower Upper

164 100

162 100.4 82.4 123.6

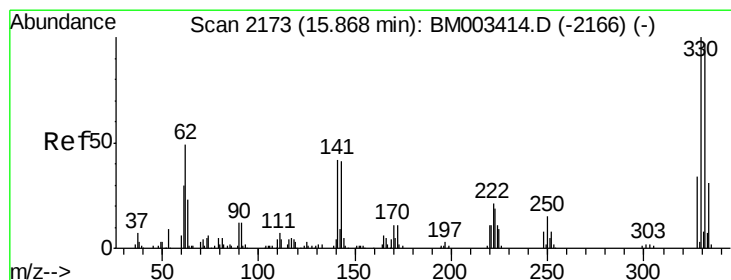
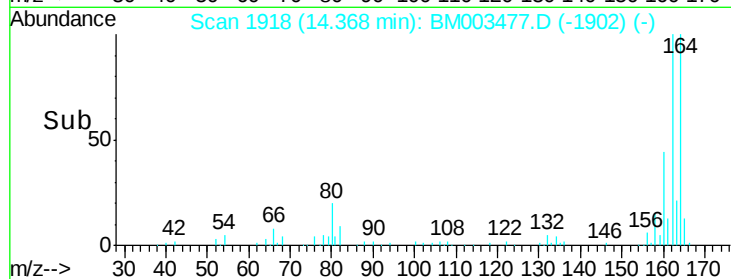
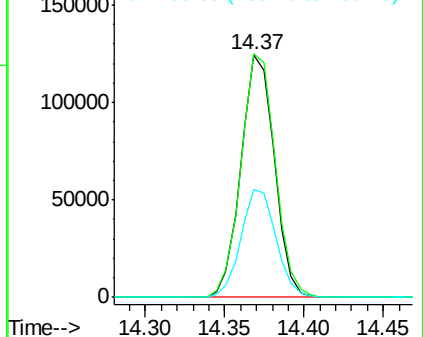
160 44.5 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 121.83 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM003477.D

Acq: 11 Dec 2015 05:58

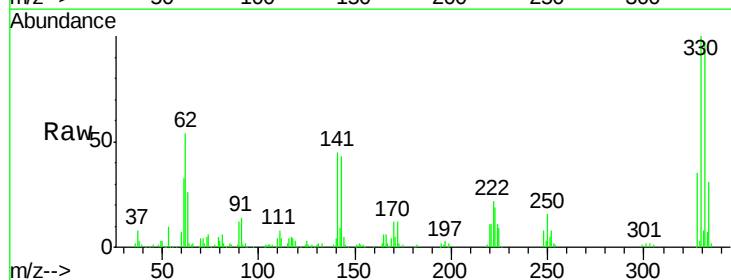
Tgt Ion:330 Resp: 221360

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

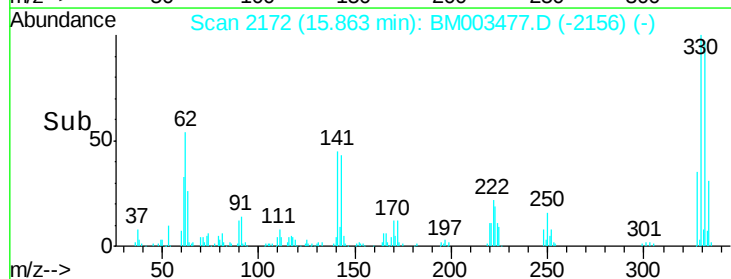
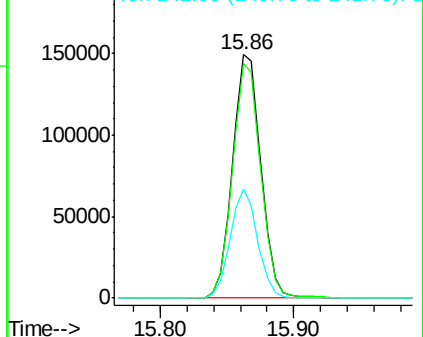
141 43.6 0.0 0.0#

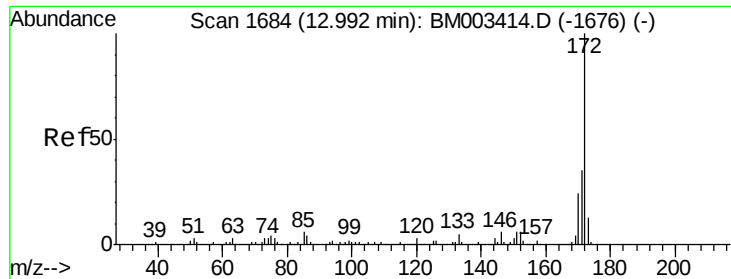


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

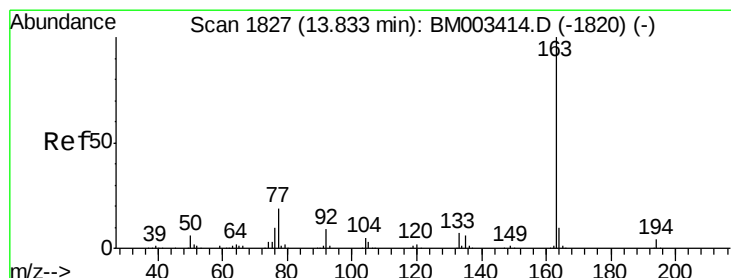
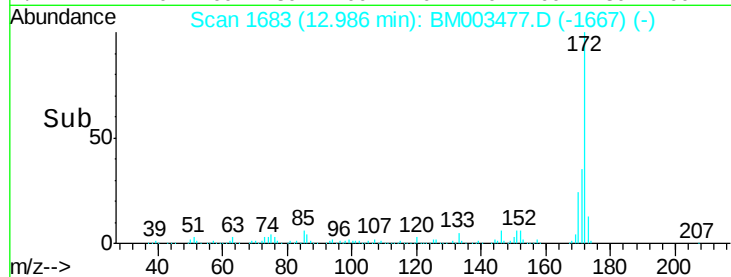
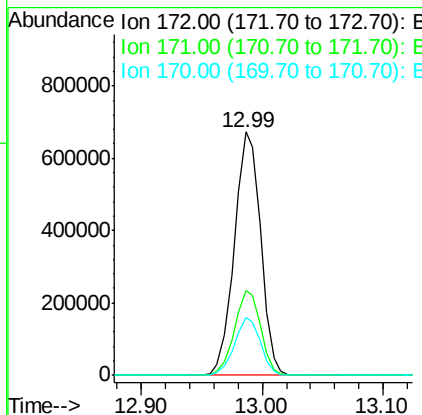
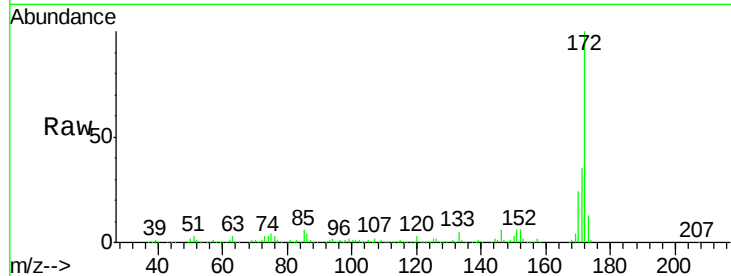




#44
2-Fluorobiphenyl
Concen: 76.39 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BM003477.D
Acq: 11 Dec 2015 05:58

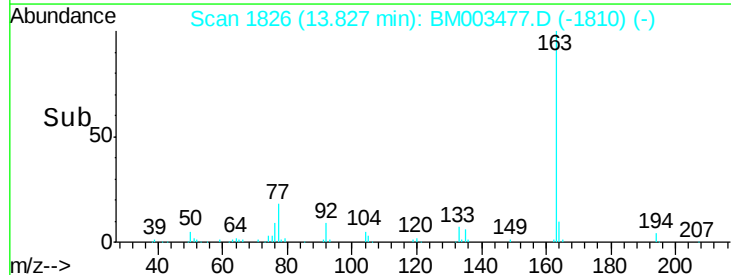
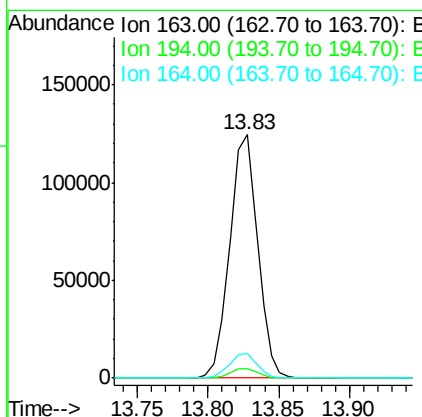
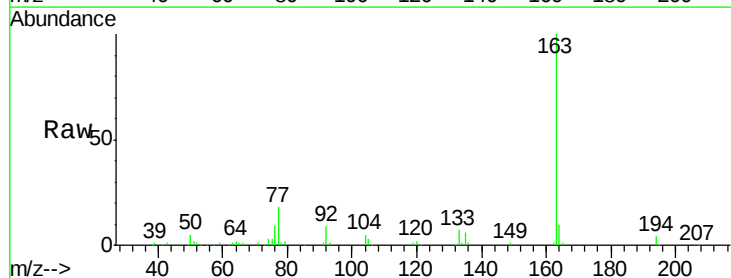
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SB6(4-8)

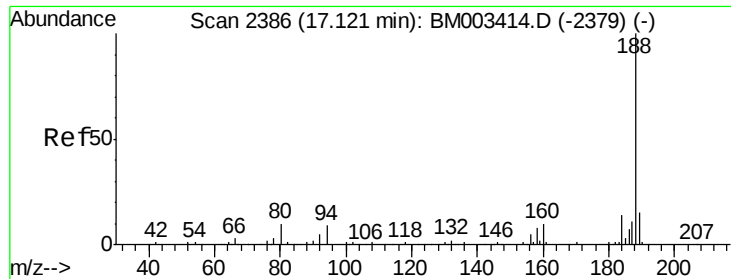
Tgt Ion:172 Resp: 1020012
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.6 18.8 28.2



#49
Dimethylphthalate
Concen: 11.50 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM003477.D
Acq: 11 Dec 2015 05:58

Tgt Ion:163 Resp: 172452
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.9 8.2 12.2

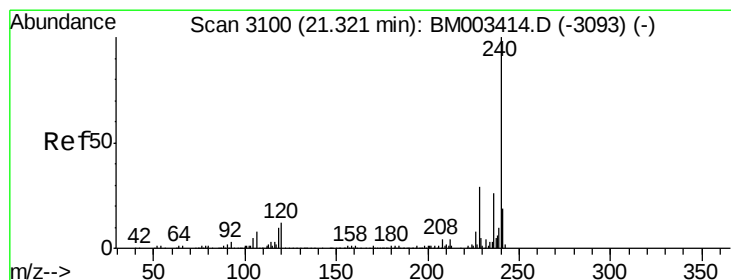
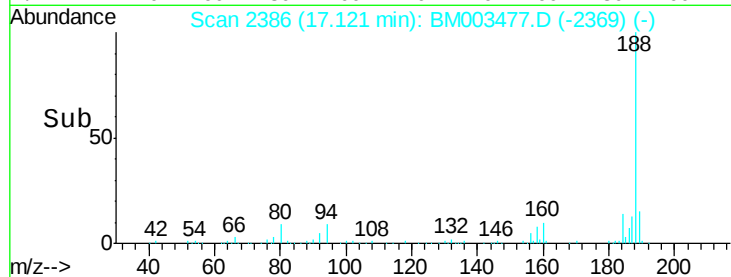
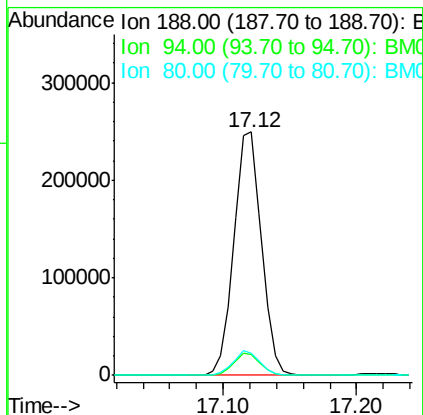
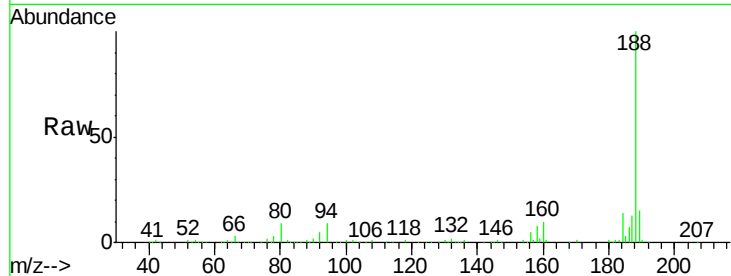




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM003477.D
Acq: 11 Dec 2015 05:58

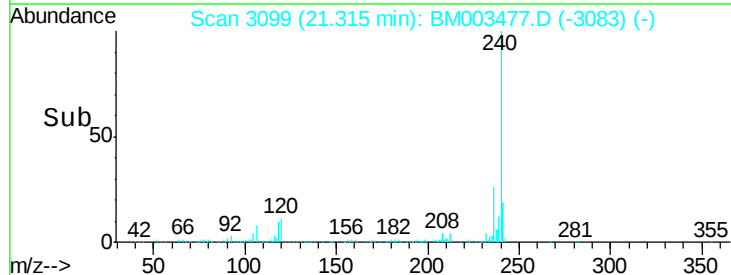
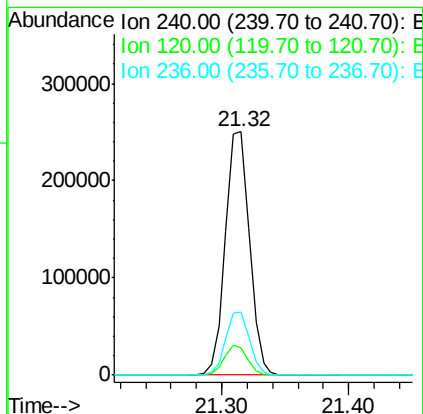
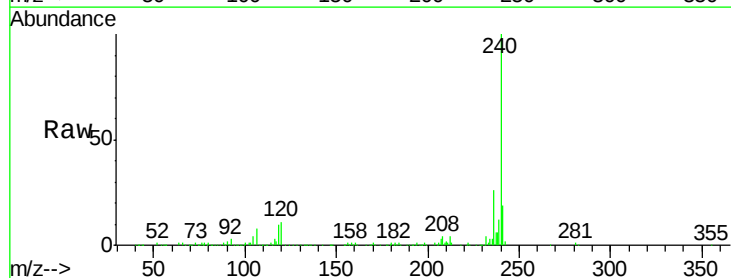
Instrument :
BNA_M
ClientSampleId :
SB6(4-8)

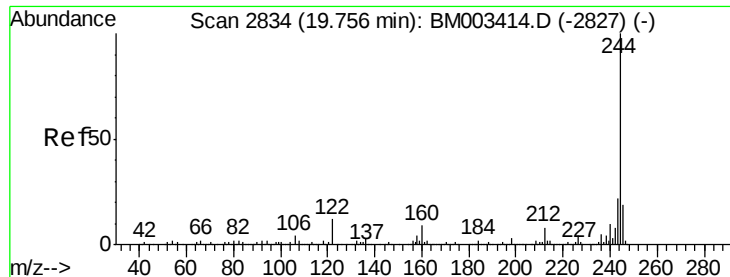
Tgt Ion:188 Resp: 357867
Ion Ratio Lower Upper
188 100
94 8.6 8.7 13.1#
80 9.3 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM003477.D
Acq: 11 Dec 2015 05:58

Tgt Ion:240 Resp: 329430
Ion Ratio Lower Upper
240 100
120 11.3 8.2 12.2
236 25.8 20.0 30.0





#78

Terphenyl-d14

Concen: 74.58 ng

RT: 19.75 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BM003477.D

Acq: 11 Dec 2015 05:58

Instrument :

BNA_M

ClientSampleId :

SB6(4-8)

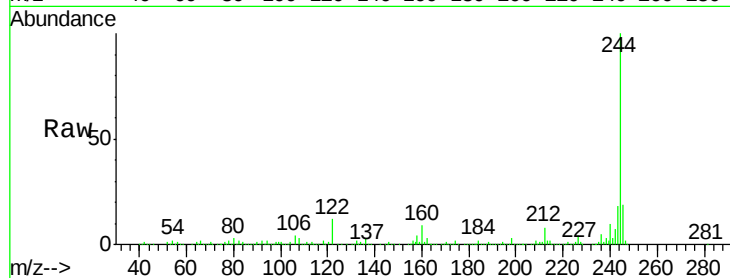
Tgt Ion:244 Resp: 1041864

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

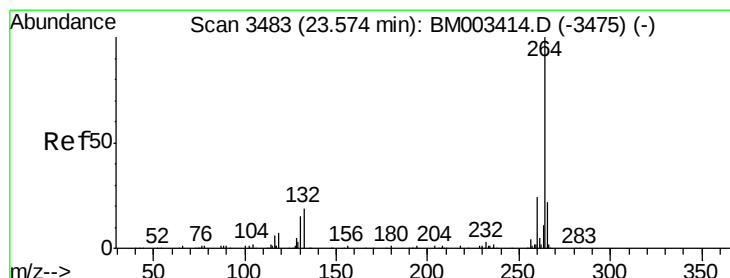
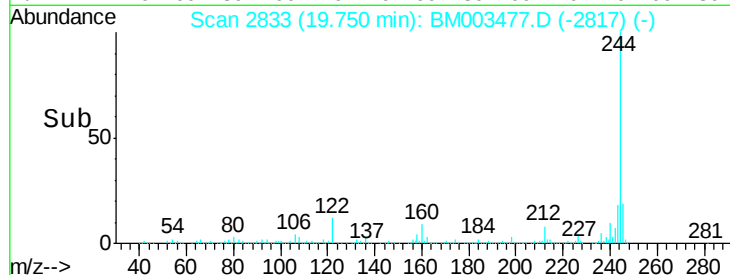
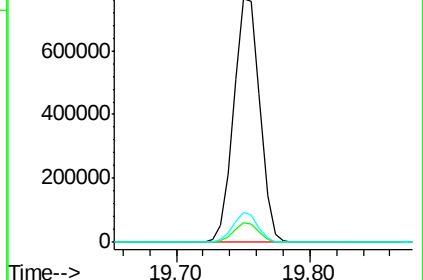
122 12.2 6.2 9.4#



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# 3482

Delta R.T. -0.01 min

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Acq: 11 Dec 2015 05:58

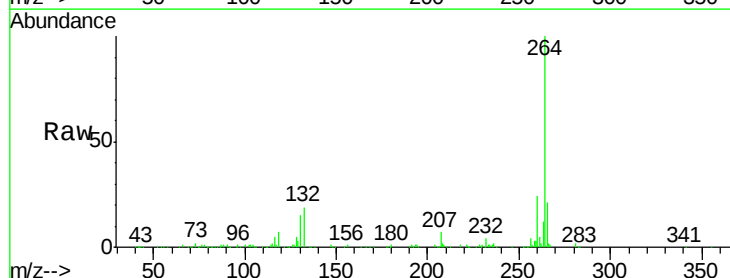
Tgt Ion:264 Resp: 320699

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 21.1 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

