

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 07:44:26 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

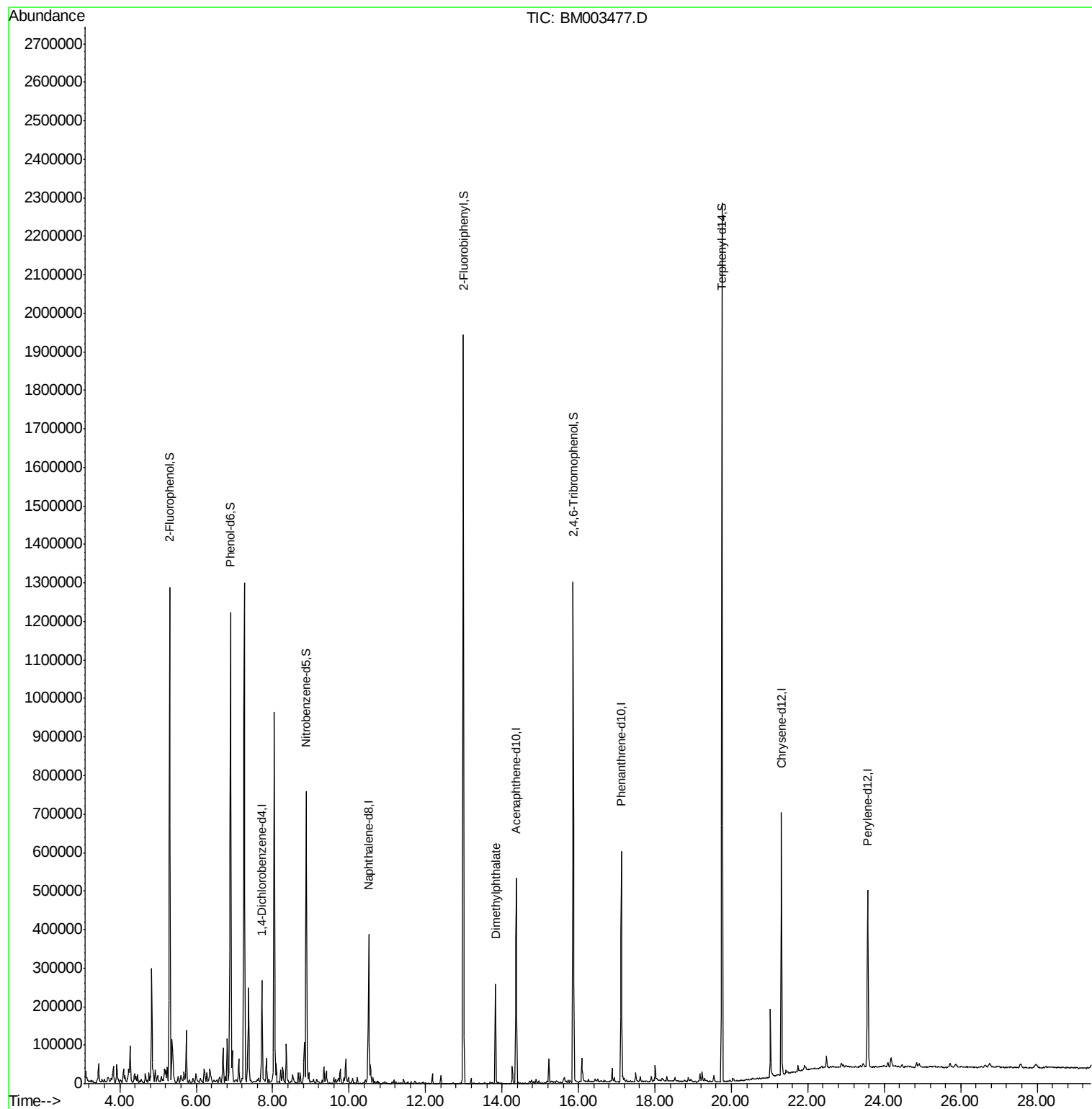
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	74259	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	327874	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	181926	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	357867	20.00	ng	0.00
75) Chrysene-d12	21.32	240	329430	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						Qvalue
49) Dimethylphthalate	13.83	163	172452	11.50	ng	99

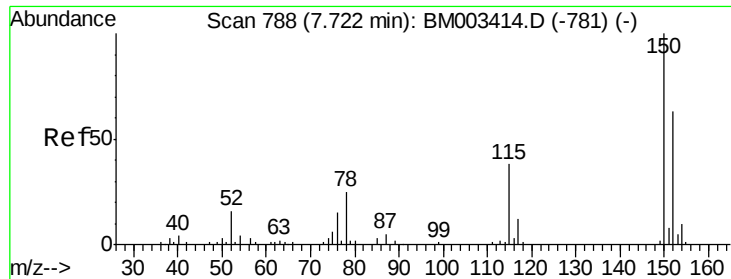
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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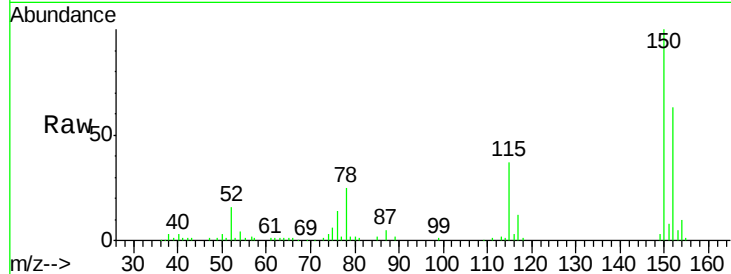


#1

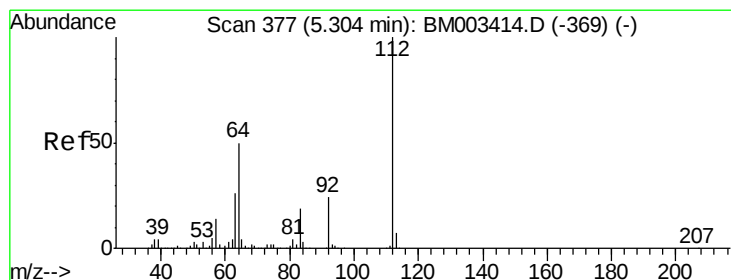
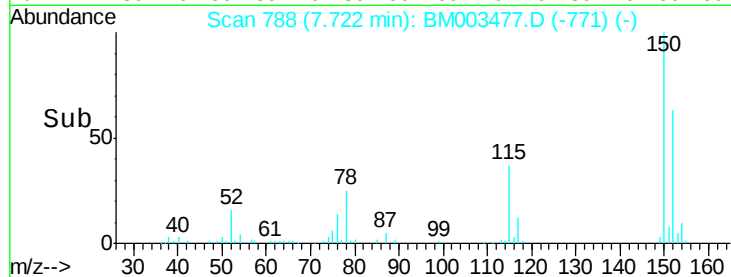
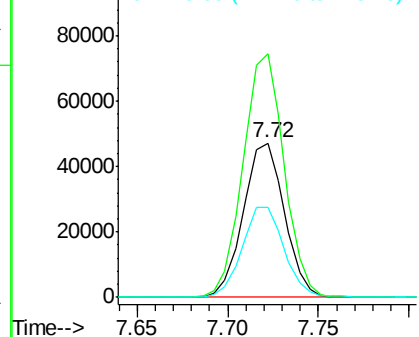
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BM003477.D
Acq: 11 Dec 2015 05:58

Instrument :
BNA_M
ClientSampleId :
SB6(4-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	119.5	179.3
115	58.5	43.0	64.4



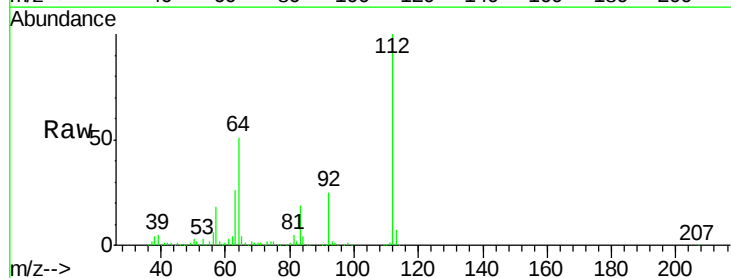
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



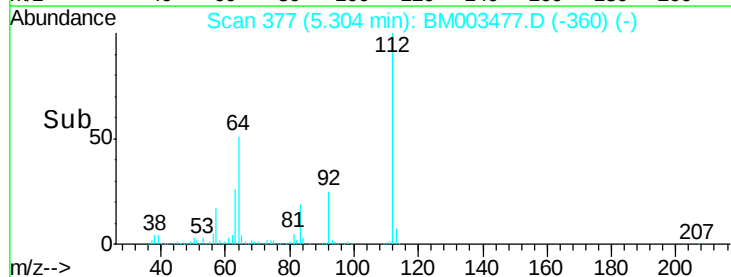
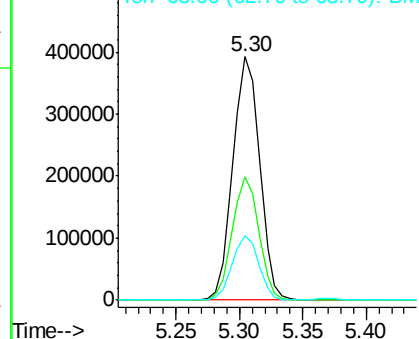
#5

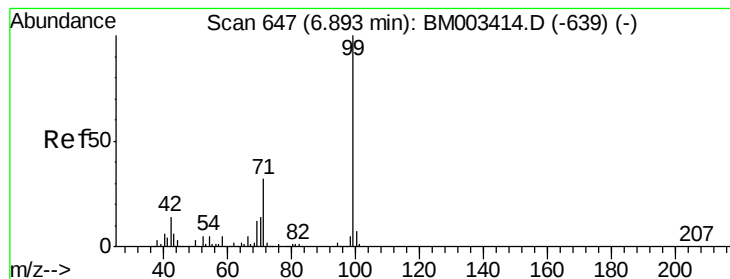
2-Fluorophenol
Concen: 137.01 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003477.D
Acq: 11 Dec 2015 05:58

Tgt Ion	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)

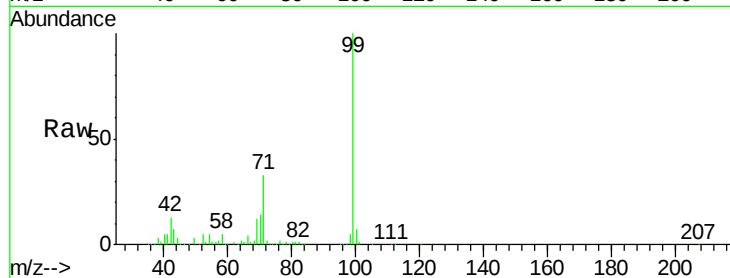
Tot Ion: 99 Resp: 782819

Ion Ratio Lower Upper

99 100

42 13.5 11.0 16.4

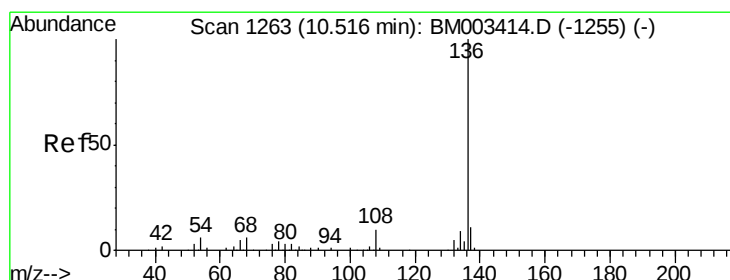
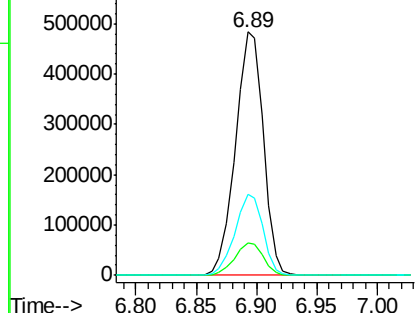
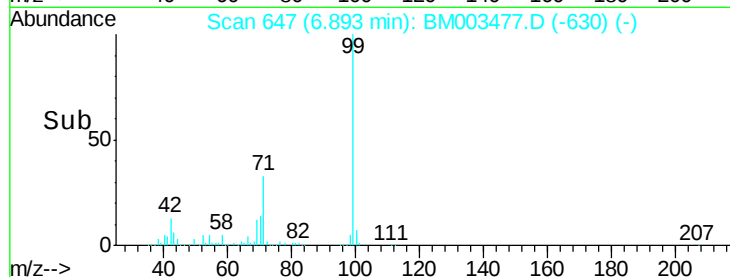
71 33.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003477.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM003477.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM003477.D (-630) (-)



#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

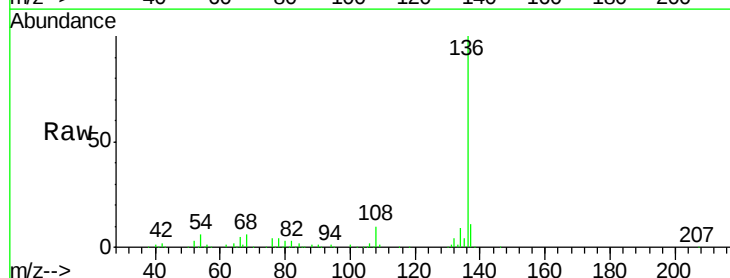
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.0 4.6 6.8

68 5.6 3.7 5.5#

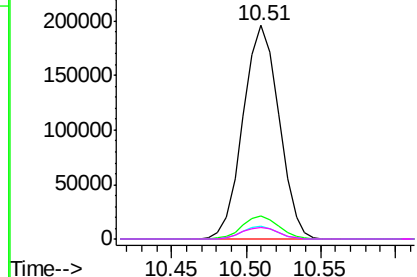
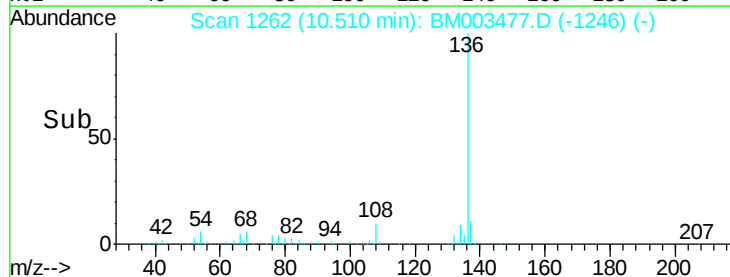


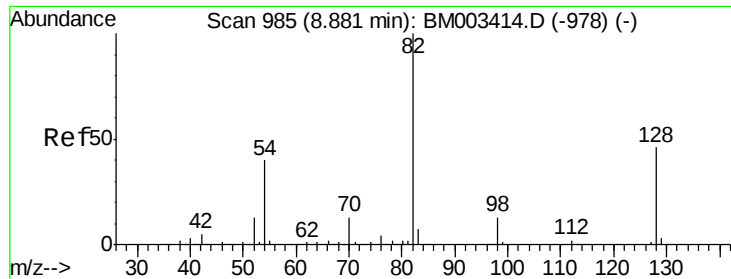
Abundance Ion 136.00 (135.70 to 136.70): BM003477.D (-1246) (-)

Ion 137.00 (136.70 to 137.70): BM003477.D (-1246) (-)

Ion 54.00 (53.70 to 54.70): BM003477.D (-1246) (-)

Ion 68.00 (67.70 to 68.70): BM003477.D (-1246) (-)

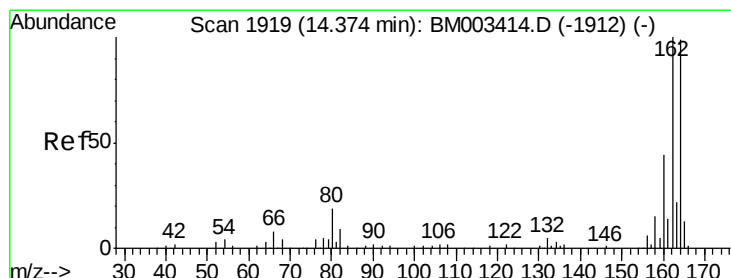
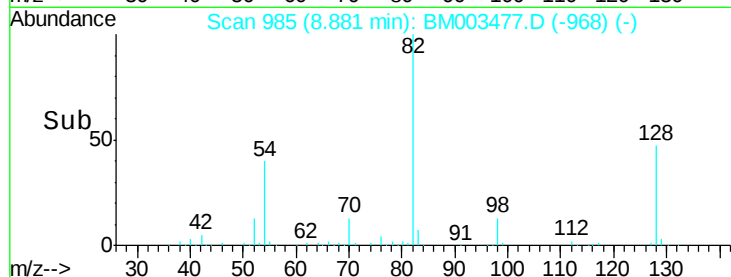
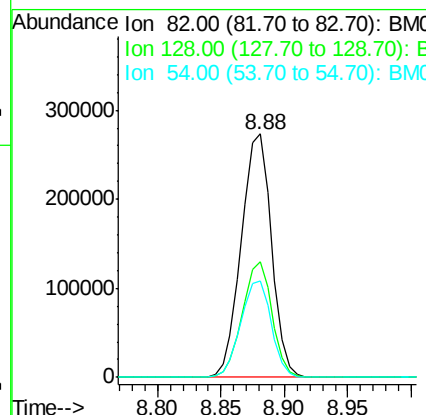
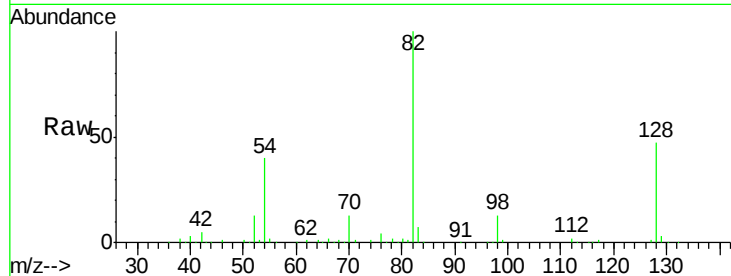




#23
 Nitrobenzene-d5
 Concen: 85.64 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BM003477.D
 Acq: 11 Dec 2015 05:58

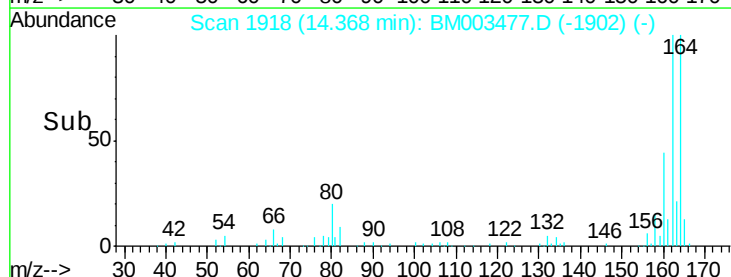
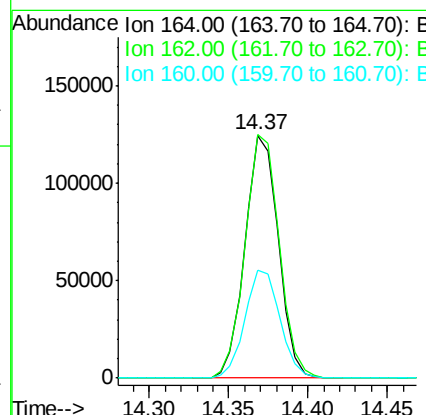
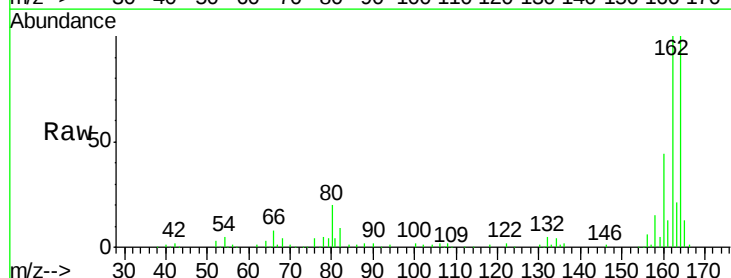
Instrument :
 BNA_M
 ClientSampleID :
 SB6(4-8)

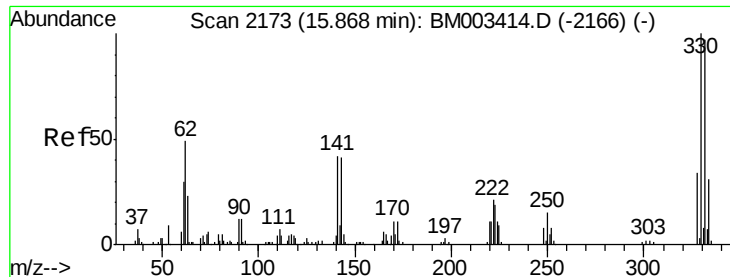
Tot Ion	82	Resp	452857
Ion Ratio	100	Lower	Upper
128	47.5	32.8	49.2
54	39.8	40.6	60.8#



#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

Tgt Ion	164	Resp	181926
Ion Ratio	100	Lower	Upper
162	100.4	82.4	123.6
160	44.5	35.8	53.6

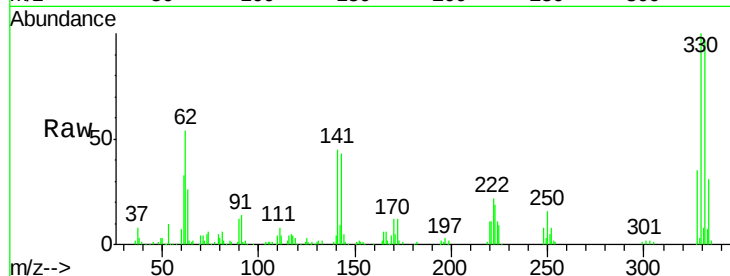




#41
 2,4,6-Tribromophenol
 Concen: 121.83 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BM003477.D
 Acq: 11 Dec 2015 05:58

Instrument :
 BNA_M
 ClientSampleId :
 SB6(4-8)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	43.6	0.0	0.0#

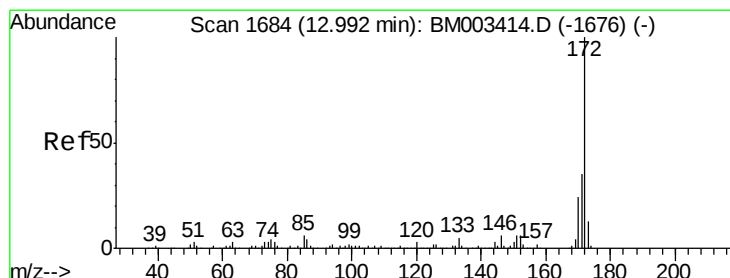
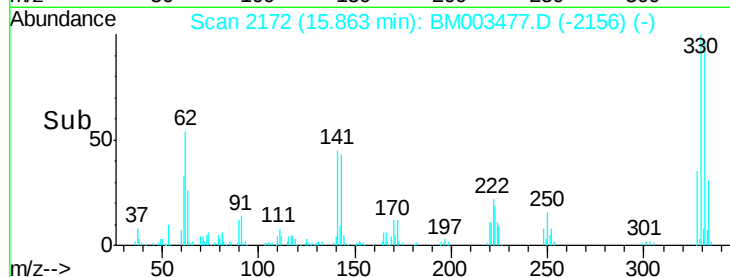
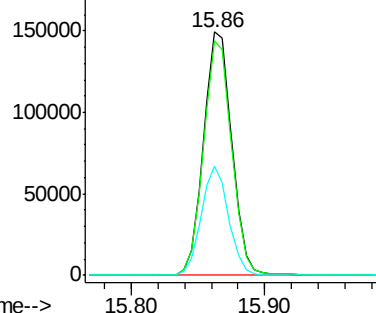


Abundance

Ion 329.80 (329.50 to 330.50): E

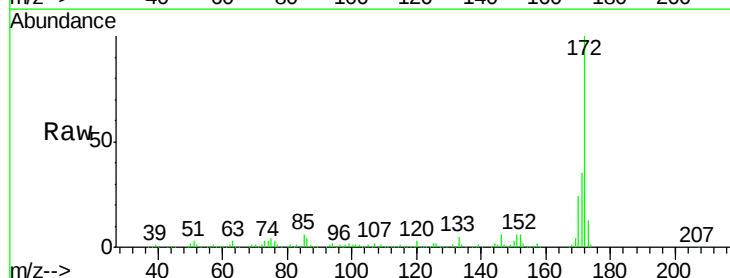
Ion 331.80 (331.50 to 332.50): E

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

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

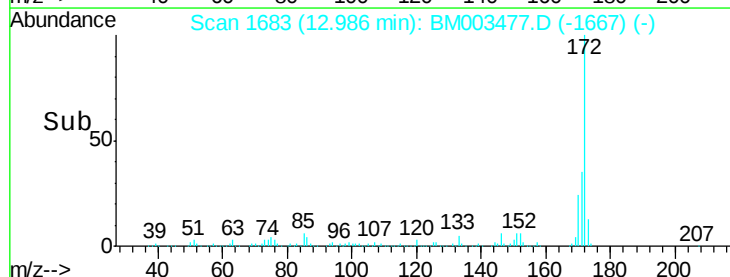
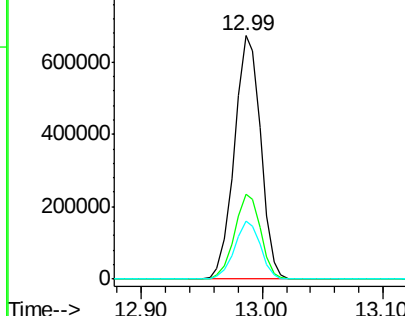


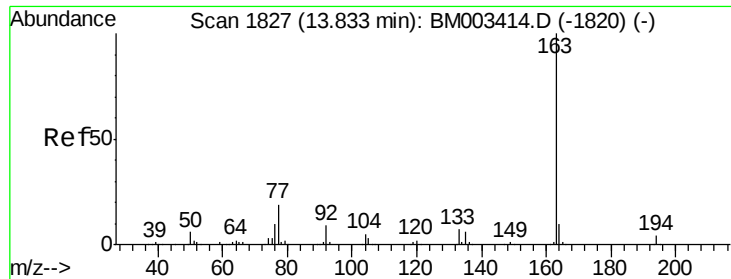
Abundance

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





#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

Instrument :

BNA_M

ClientSampleId :

SB6(4-8)

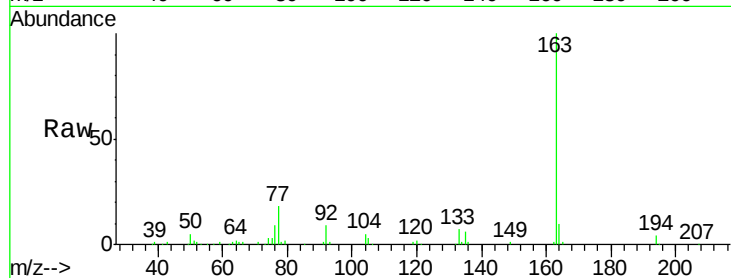
Tot Ion:163 Resp: 172452

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

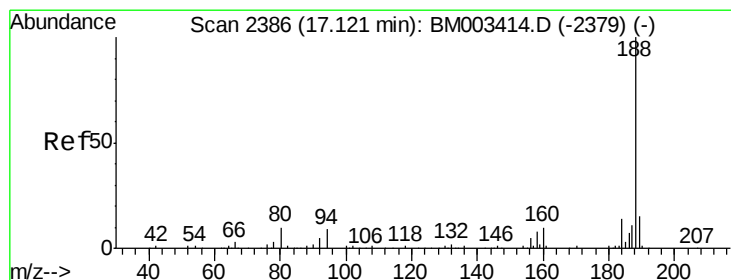
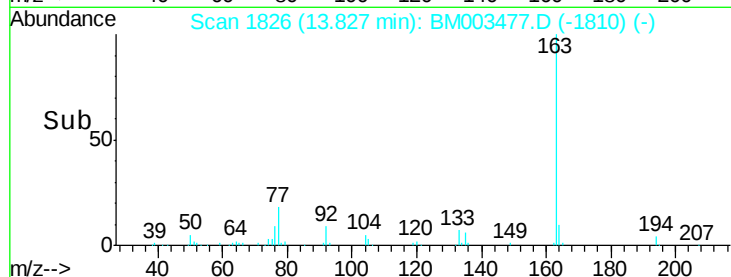
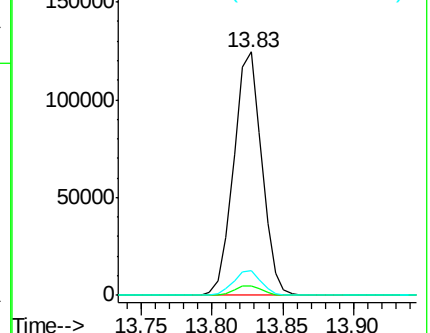
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#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

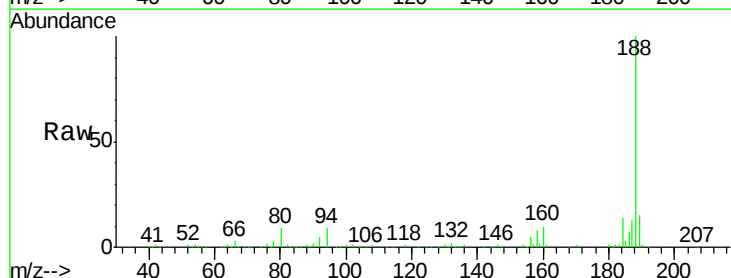
Tgt Ion:188 Resp: 357867

Ion Ratio Lower Upper

188 100

94 8.6 8.7 13.1#

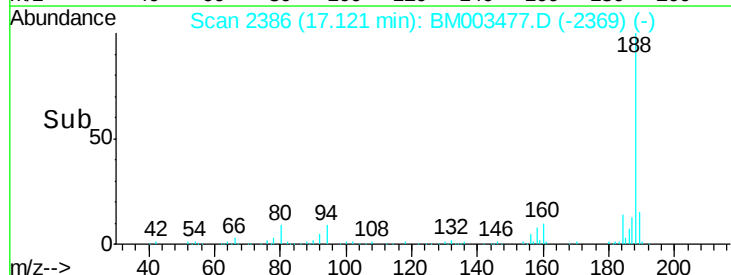
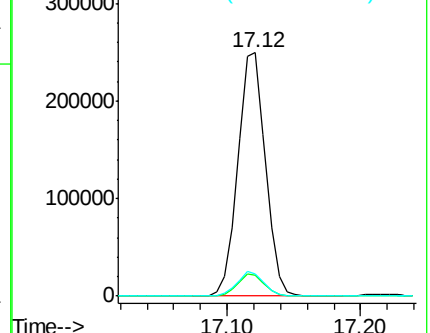
80 9.3 9.3 13.9

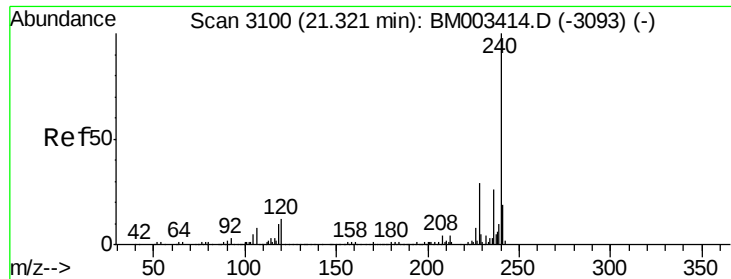


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM003477.D

Acq: 11 Dec 2015 05:58

Instrument :

BNA_M

ClientSampleId :

SB6(4-8)

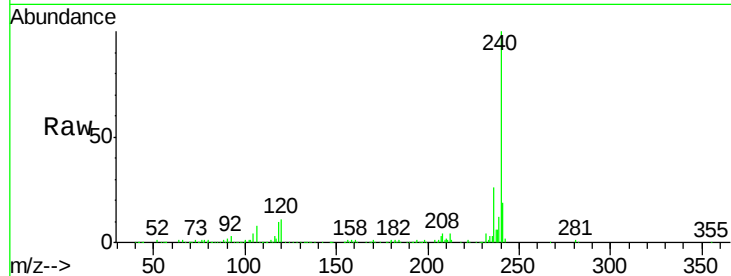
Tot Ion:240 Resp: 329430

Ion Ratio Lower Upper

240 100

120 11.3 8.2 12.2

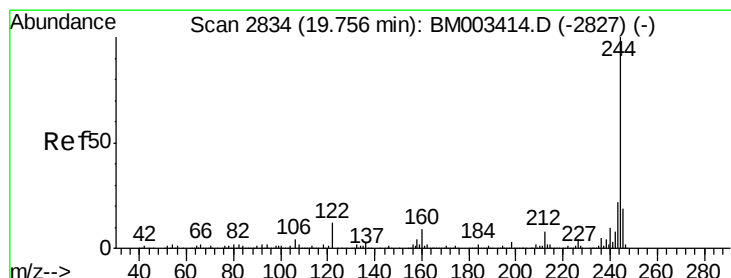
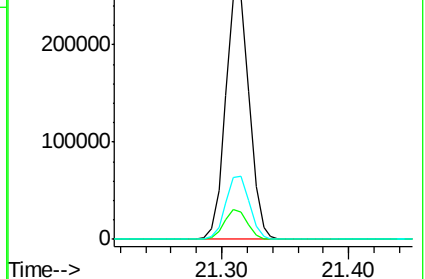
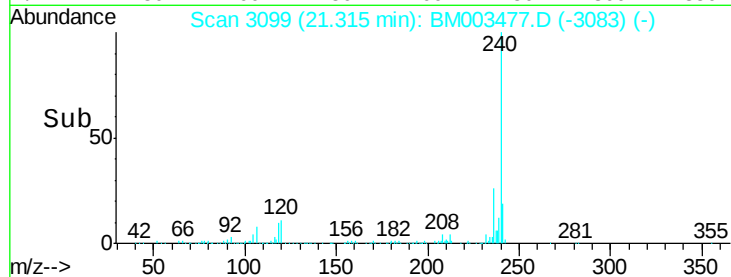
236 25.8 20.0 30.0



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: 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

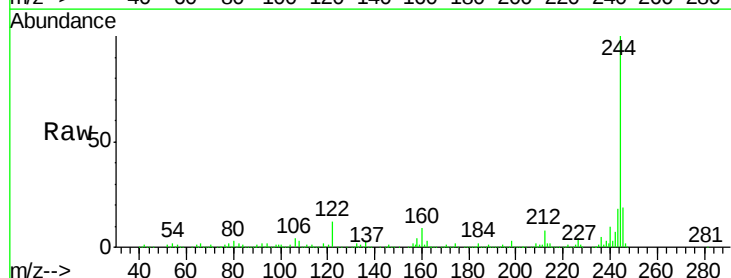
Tgt Ion:244 Resp: 1041864

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

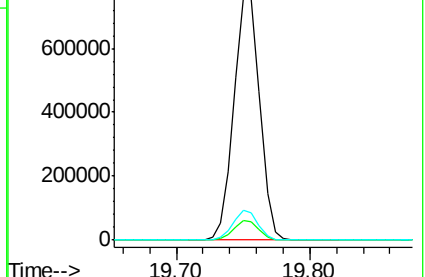
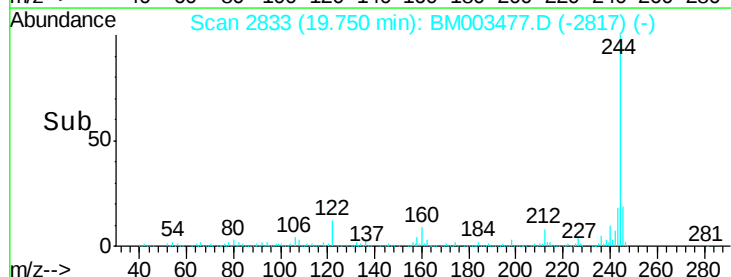
122 12.2 6.2 9.4#

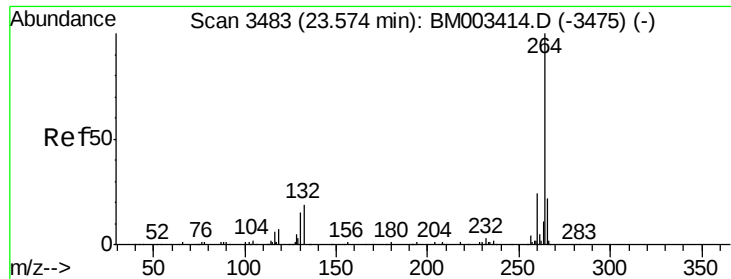


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

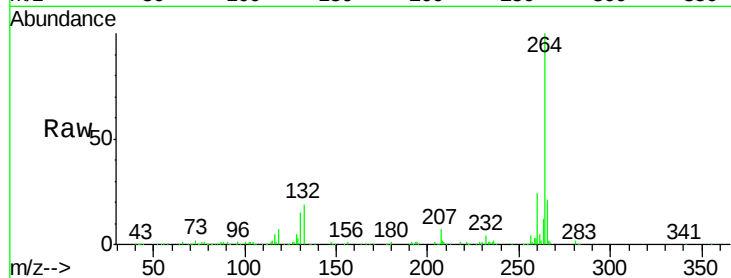




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM003477.D
Acq: 11 Dec 2015 05:58

Instrument :
BNA_M
ClientSampleId :
SB6(4-8)

Tot 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

