

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120915\
 Data File : BM003454.D
 Acq On : 10 Dec 2015 16:08
 Operator : UM/IZ
 Sample : G4713-02
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 10 17:32:17 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

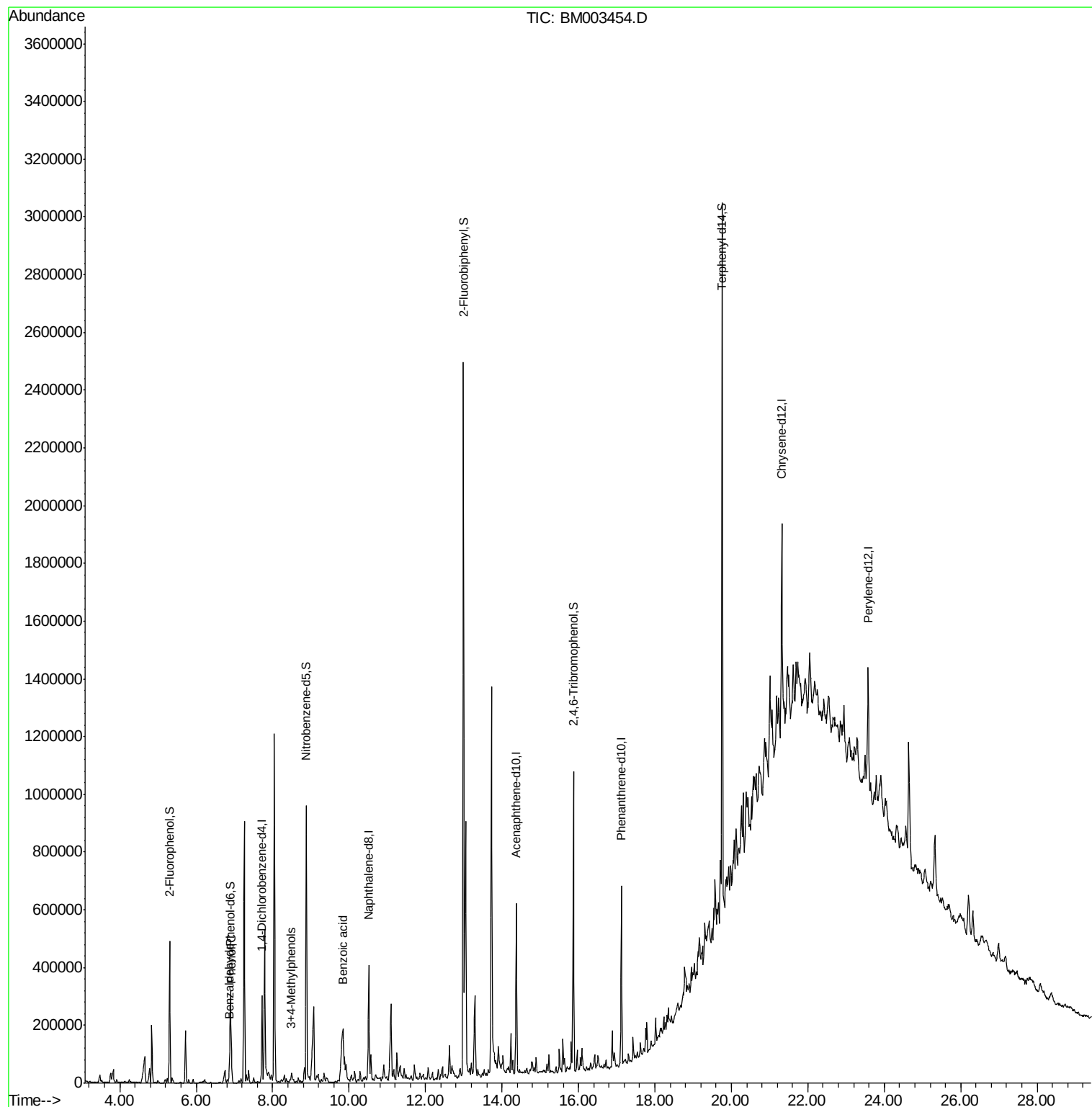
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	82641	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	358871	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	185270	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	347072	20.00	ng	0.00
75) Chrysene-d12	21.32	240	297628	20.00	ng	0.00
86) Perylene-d12	23.58	264	301440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	220311	47.40	ng	0.00
7) Phenol-d6	6.89	99	186719	28.93	ng	0.00
23) Nitrobenzene-d5	8.88	82	566571	97.89	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	181040	97.84	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1304834	95.95	ng	0.00
78) Terphenyl-d14	19.76	244	1100993	87.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.86	77	14114	4.46	ng	# 87
10) Phenol	6.92	94	103770	15.15	ng	# 72
20) 3+4-Methylphenols	8.49	107	16280	2.46	ng	98
32) Benzoic acid	9.85	122	129130	39.88	ng	96

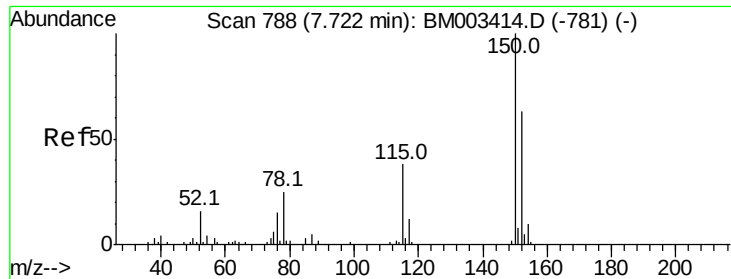
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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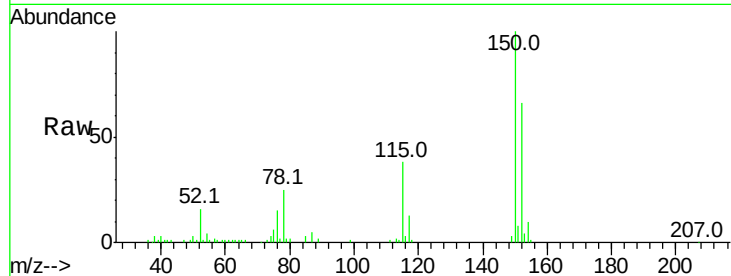


#1

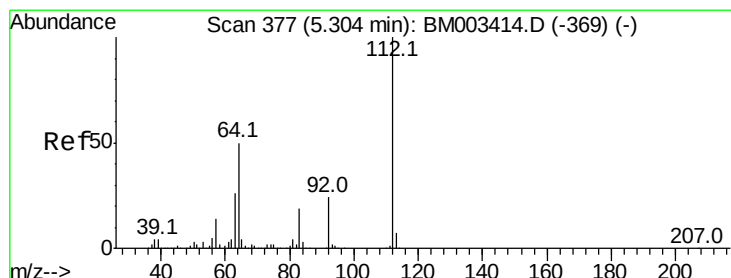
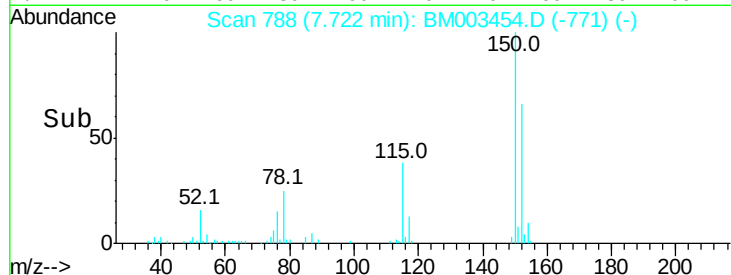
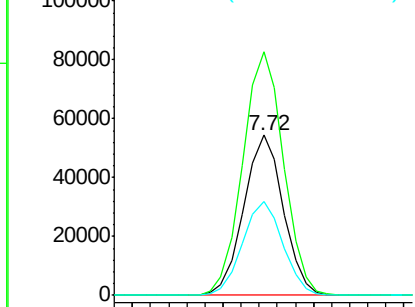
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 82641
Ion Ratio Lower Upper
152 100
150 152.0 119.5 179.3
115 58.5 43.0 64.4



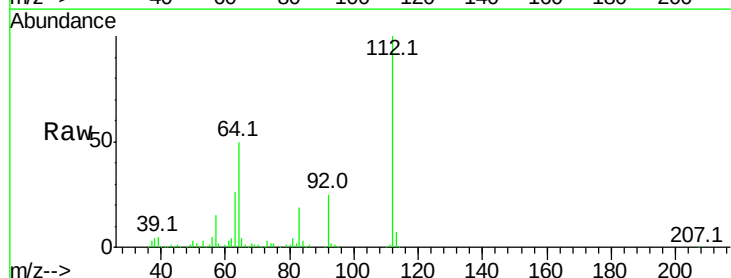
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



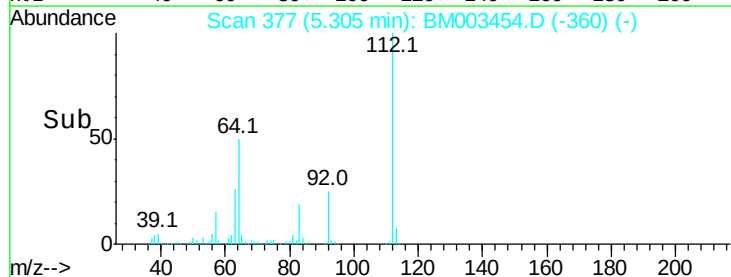
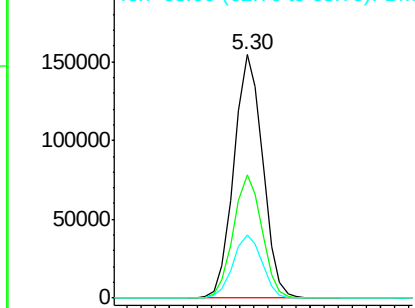
#5

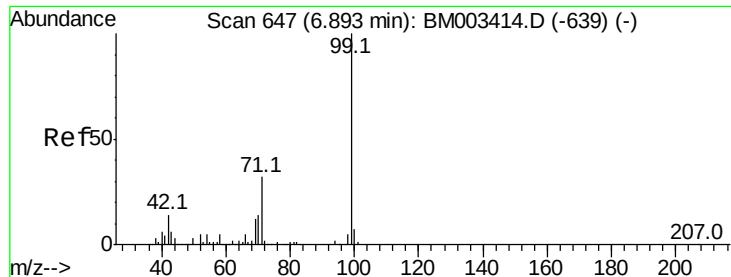
2-Fluorophenol
Concen: 47.40 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Tgt Ion:112 Resp: 220311
Ion Ratio Lower Upper
112 100
64 50.4 38.6 57.8
63 26.0 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: 28.93 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM003454.D

Acq: 10 Dec 2015 16:08

Instrument :

BNA_M

ClientSampleId :

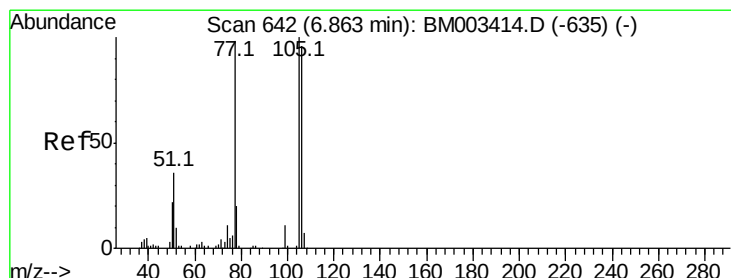
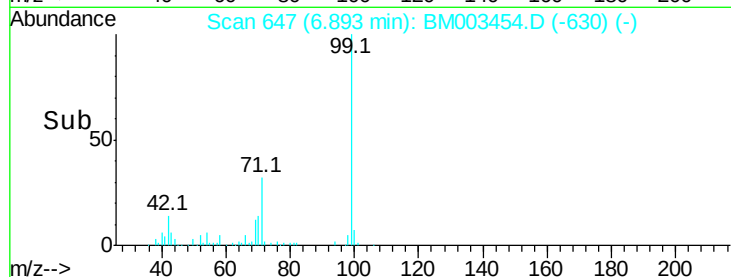
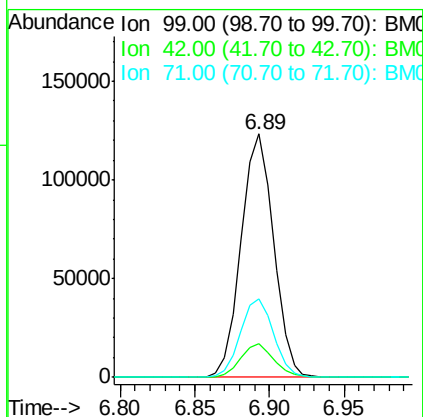
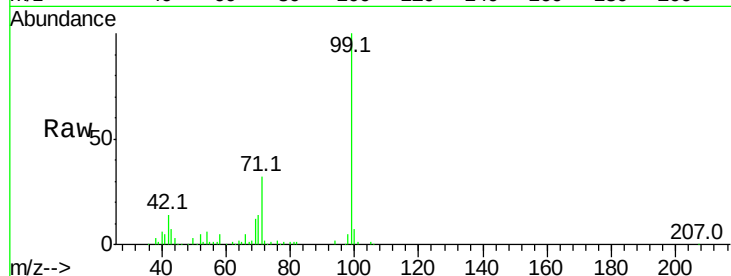
Tot Ion: 99 Resp: 186719

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.4

71 32.4 23.4 35.2



#9

Benzaldehyde

Concen: 4.46 ng

RT: 6.86 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM003454.D

Acq: 10 Dec 2015 16:08

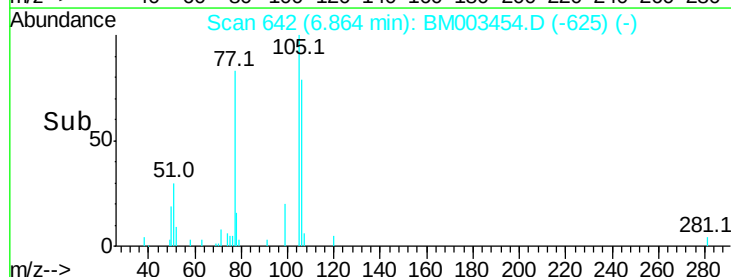
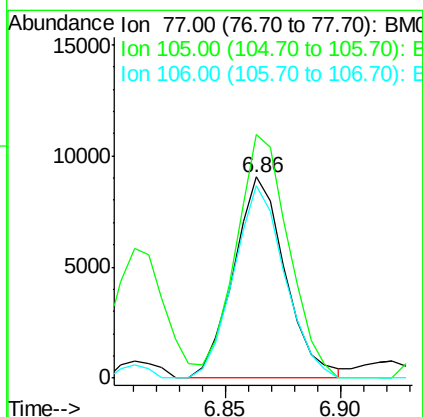
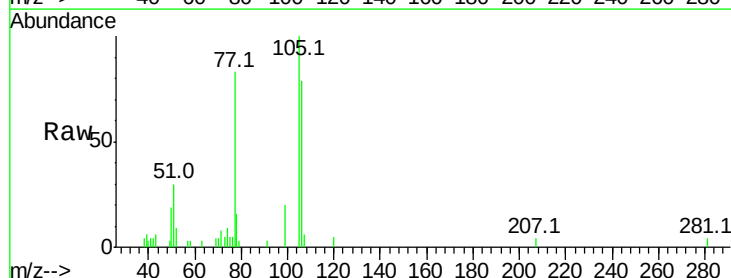
Tgt Ion: 77 Resp: 14114

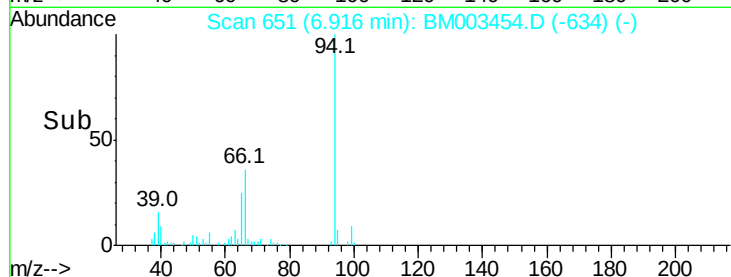
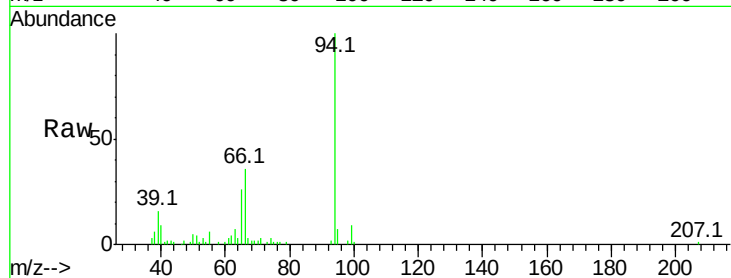
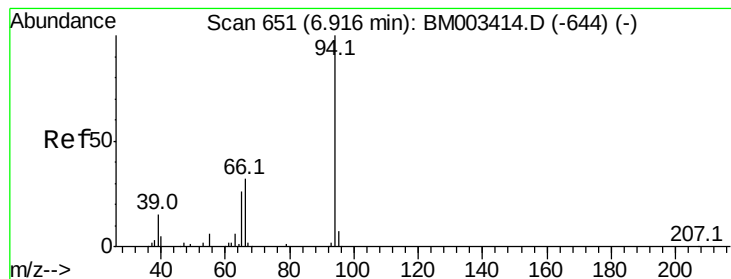
Ion Ratio Lower Upper

77 100

105 121.1 78.8 118.8#

106 95.8 73.7 113.7





#10

Phenol

Concen: 15.15 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM003454.D

Acq: 10 Dec 2015 16:08

Instrument :

BNA_M

ClientSampleId :

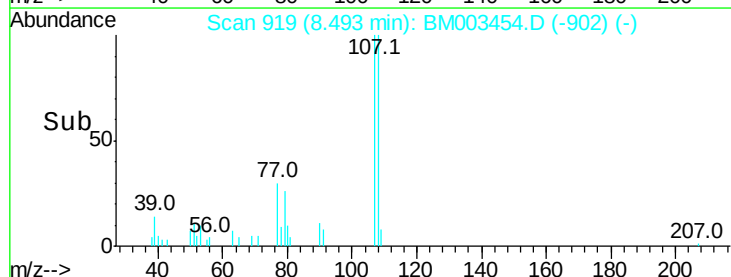
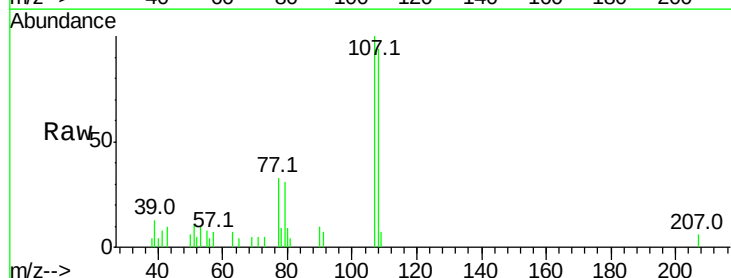
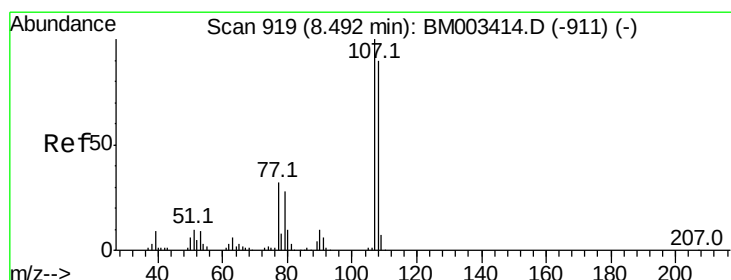
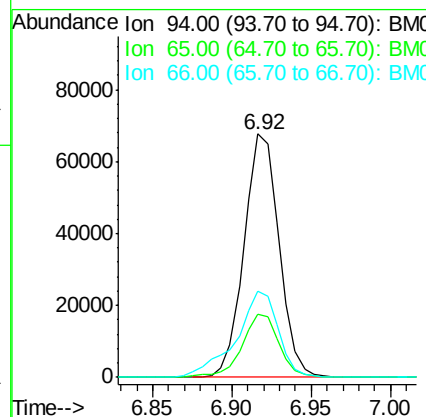
Tot Ion: 94 Resp: 103770

Ion Ratio Lower Upper

94 100

65 25.8 18.8 58.8

66 35.5 39.9 79.9#



#20

3+4-Methylphenols

Concen: 2.46 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BM003454.D

Acq: 10 Dec 2015 16:08

Tgt Ion:107 Resp: 16280

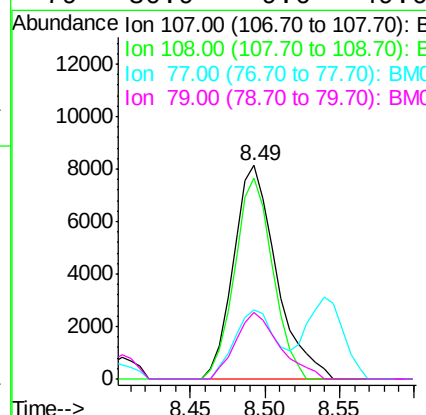
Ion Ratio Lower Upper

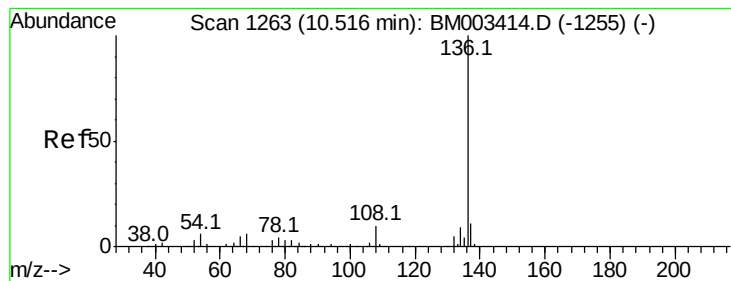
107 100

108 94.0 73.2 113.2

77 32.6 10.7 50.7

79 30.9 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.52 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BM003454.D

Acq: 10 Dec 2015 16:08

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 358871

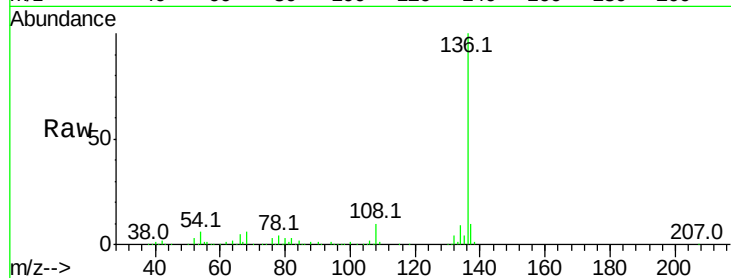
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 5.8 4.6 6.8

68 5.5 3.7 5.5#

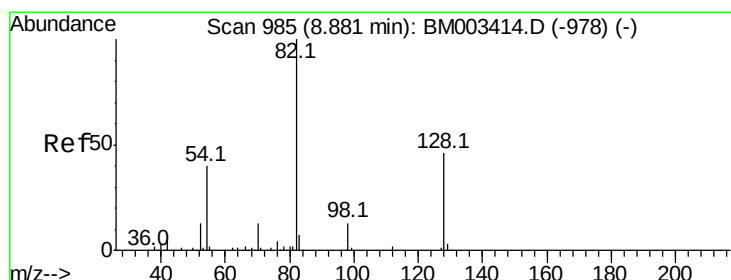
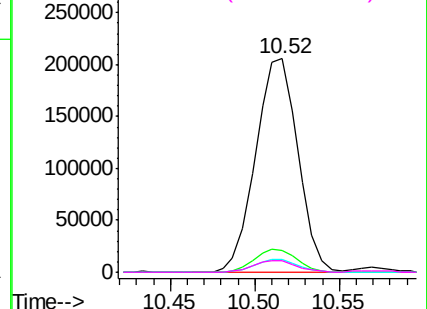
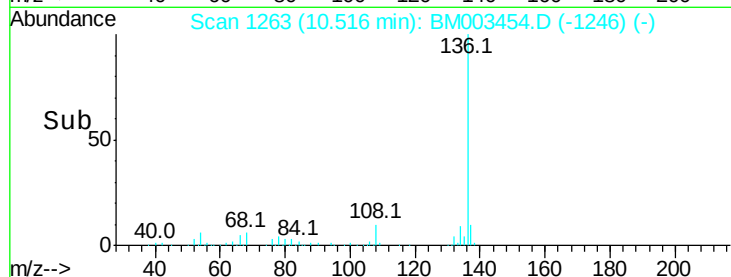


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 97.89 ng

RT: 8.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BM003454.D

Acq: 10 Dec 2015 16:08

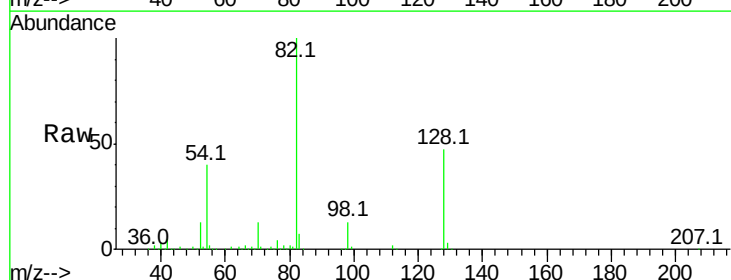
Tgt Ion: 82 Resp: 566571

Ion Ratio Lower Upper

82 100

128 46.7 32.8 49.2

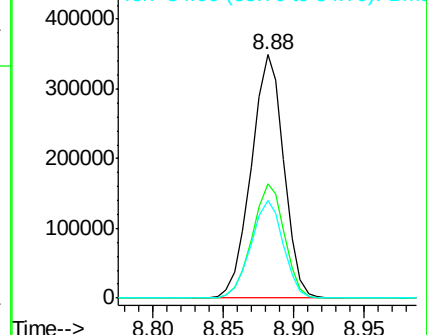
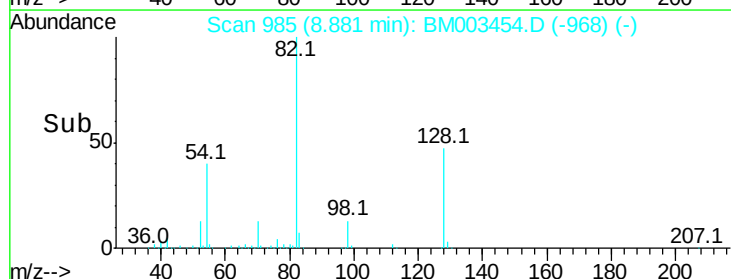
54 39.9 40.6 60.8#

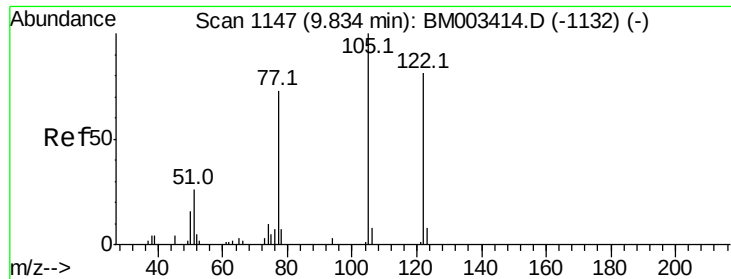


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

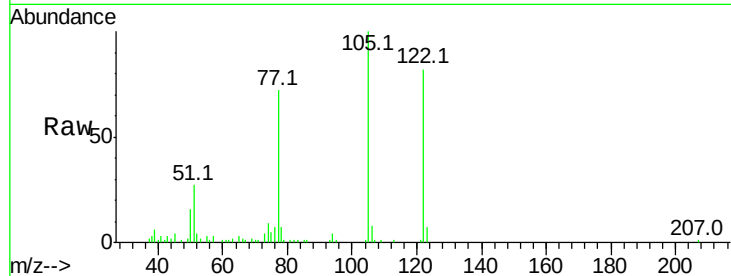




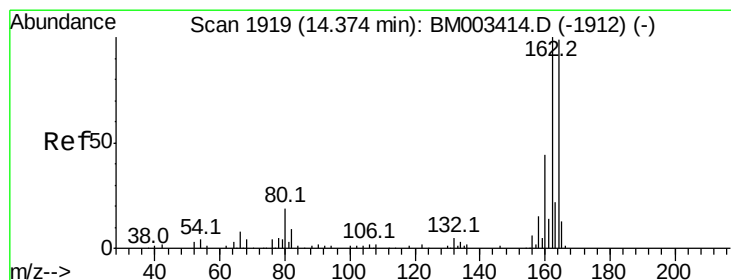
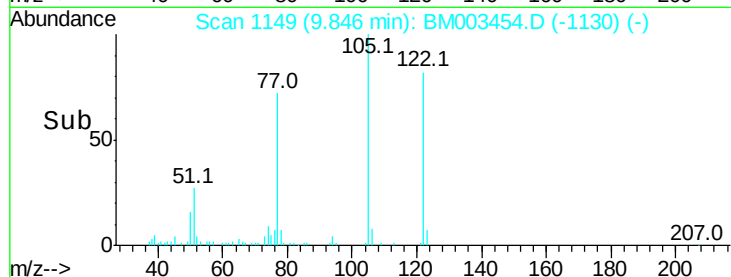
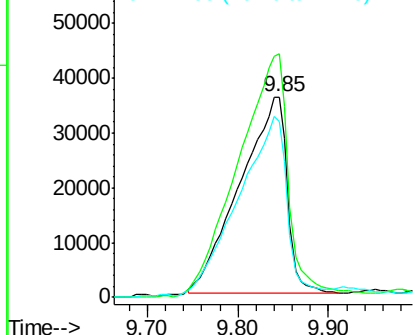
#32
Benzoic acid
Concen: 39.88 ng
RT: 9.85 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Instrument :
BNA_M
ClientSampleId :

Tot Ion:122 Resp: 129130
Ion Ratio Lower Upper
122 100
105 121.6 99.9 139.9
77 87.7 73.7 113.7

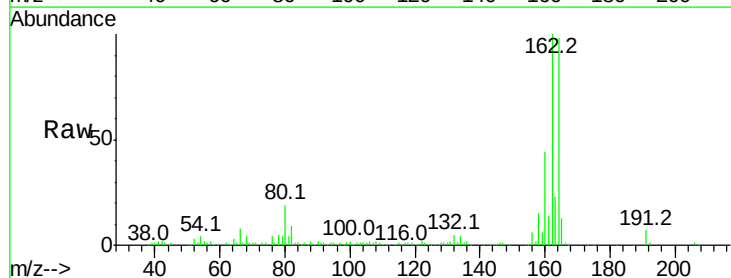


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

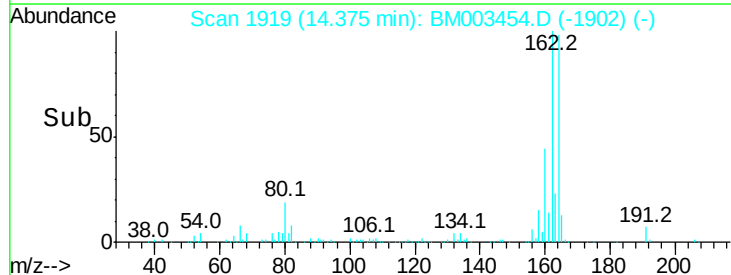
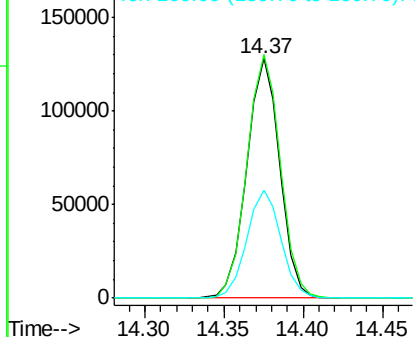


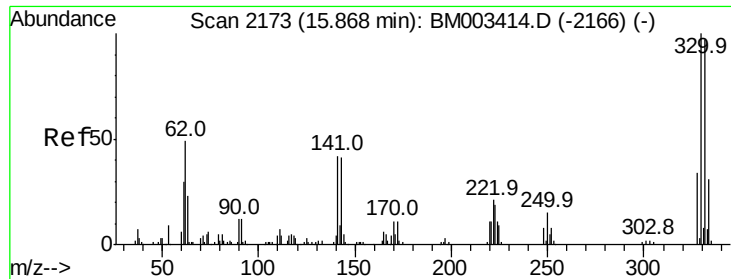
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Tgt Ion:164 Resp: 185270
Ion Ratio Lower Upper
164 100
162 101.6 82.4 123.6
160 44.9 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

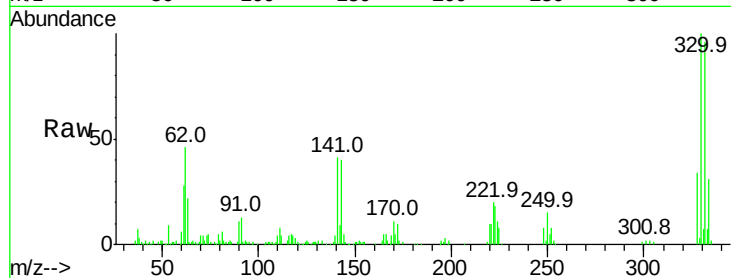




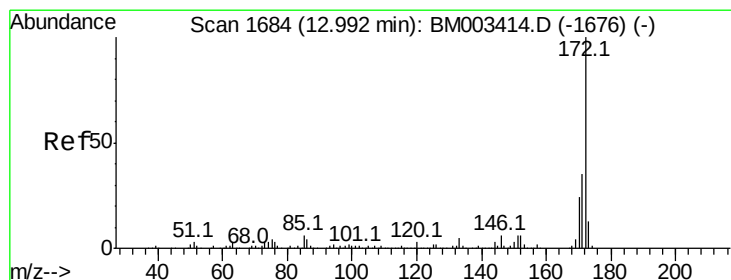
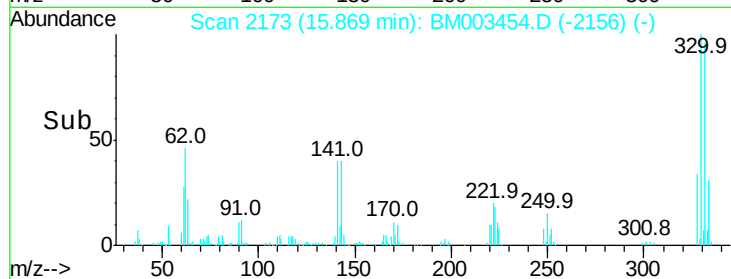
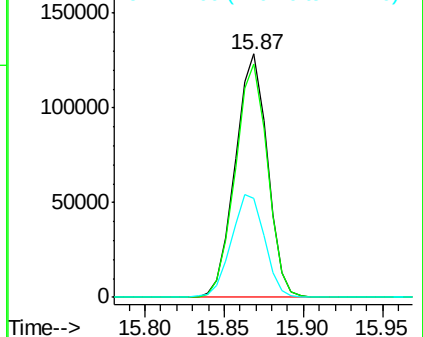
#41
 2,4,6-Tribromophenol
 Concen: 97.84 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BM003454.D
 Acq: 10 Dec 2015 16:08

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 181040
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 43.1 0.0 0.0#

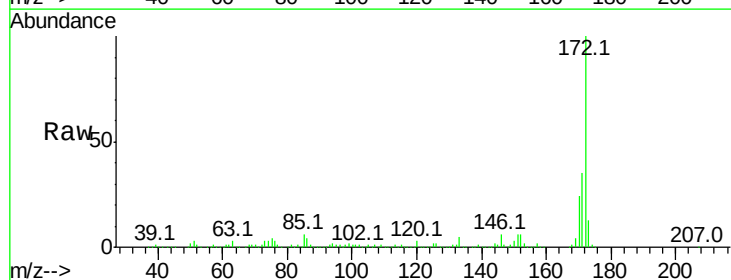


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

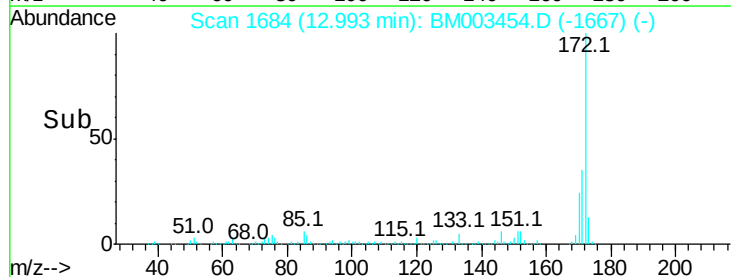
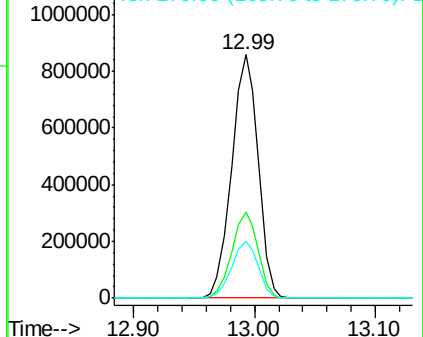


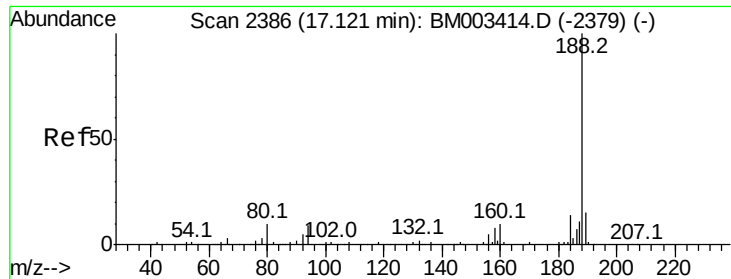
#44
 2-Fluorobiphenyl
 Concen: 95.95 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM003454.D
 Acq: 10 Dec 2015 16:08

Tgt Ion:172 Resp: 1304834
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.5 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: BM003454.D

Acq: 10 Dec 2015 16:08

Instrument :

BNA_M

ClientSampleId :

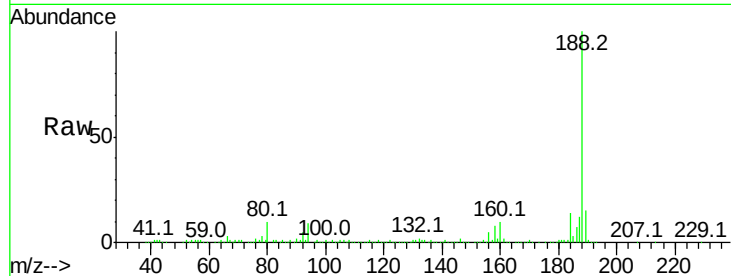
Tot Ion:188 Resp: 347072

Ion Ratio Lower Upper

188 100

94 9.2 8.7 13.1

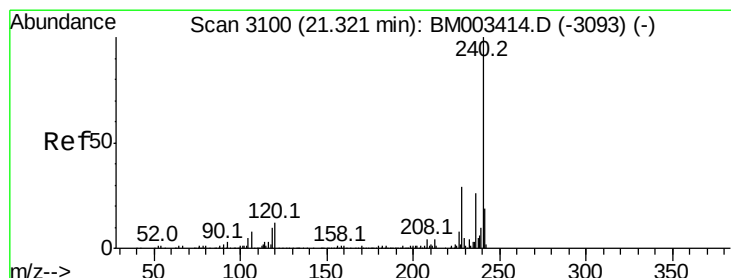
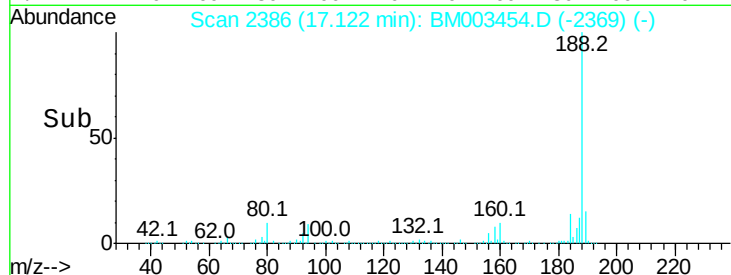
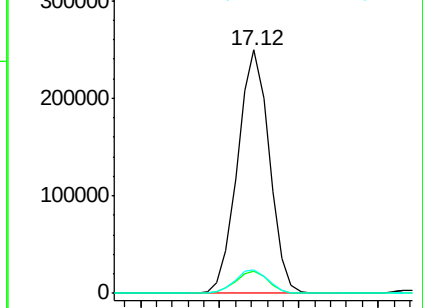
80 9.6 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 3100

Delta R.T. 0.00 min

Lab File: BM003454.D

Acq: 10 Dec 2015 16:08

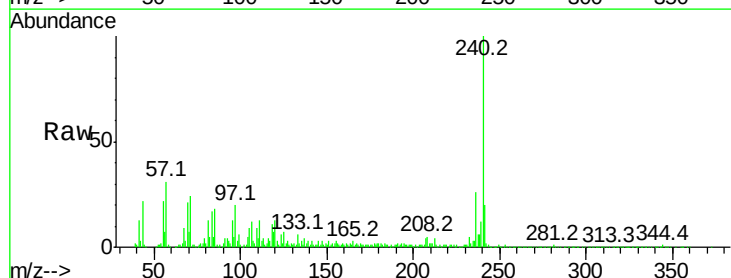
Tgt Ion:240 Resp: 297628

Ion Ratio Lower Upper

240 100

120 13.4 8.2 12.2#

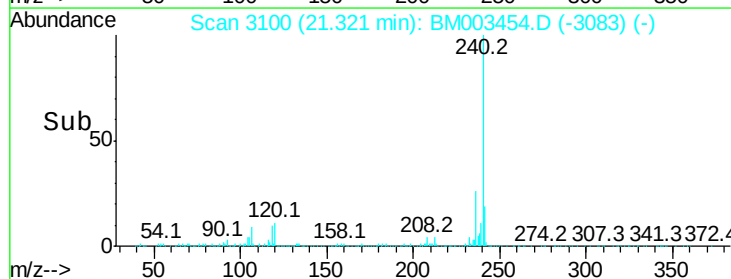
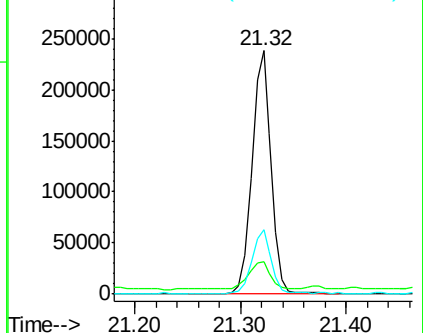
236 26.5 20.0 30.0

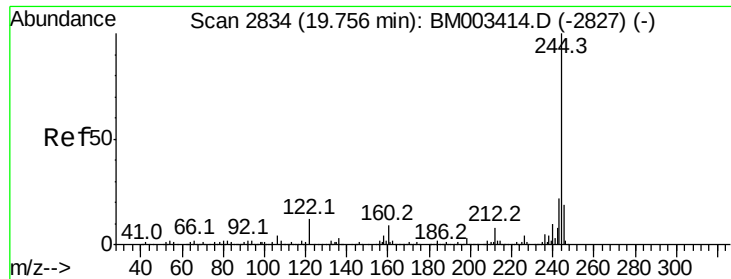


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.24 ng

RT: 19.76 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM003454.D

Acq: 10 Dec 2015 16:08

Instrument :

BNA_M

ClientSampled :

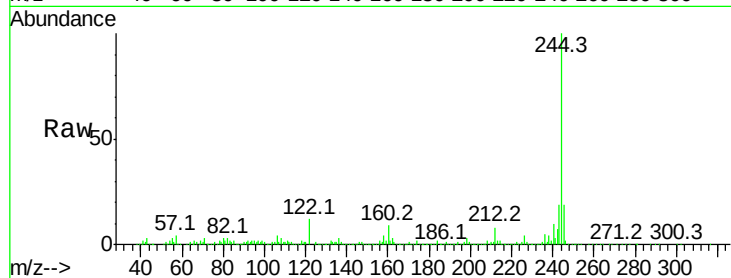
Tot Ion:244 Resp: 1100993

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	11.6	6.2	9.4#

244 100

212 7.9 4.9 7.3#

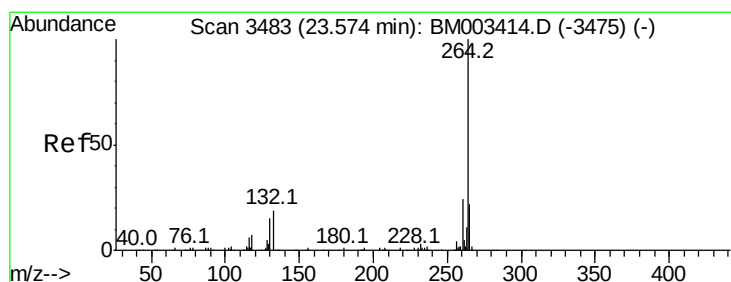
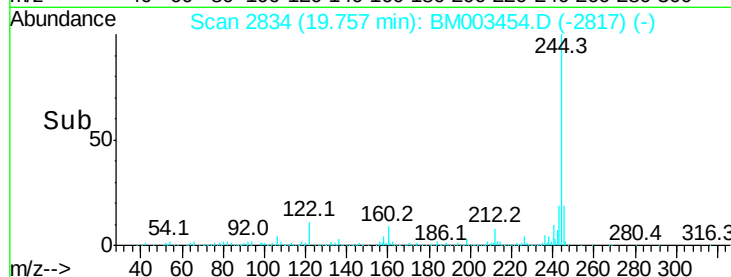
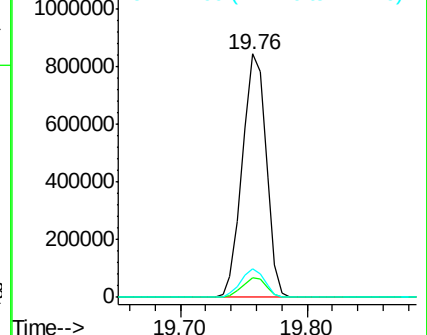
122 11.6 6.2 9.4#



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: 23.58 min Scan# 3484

Delta R.T. 0.01 min

Lab File: BM003454.D

Acq: 10 Dec 2015 16:08

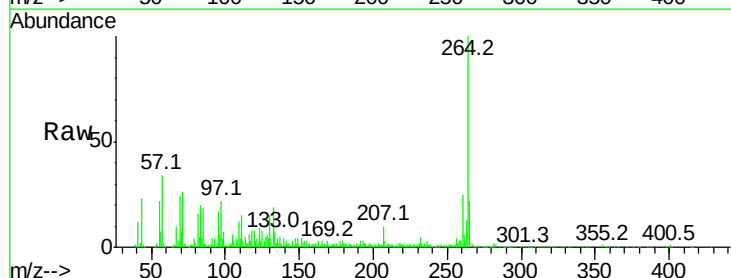
Tgt Ion:264 Resp: 301440

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	27.8
265	22.4	17.3	25.9

264 100

260 24.8 18.6 27.8

265 22.4 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

