

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
 Data File : BM003474.D
 Acq On : 11 Dec 2015 04:10
 Operator : UM/IZ
 Sample : G4725-03
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB3(2-4)

Quant Time: Dec 11 07:01:23 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

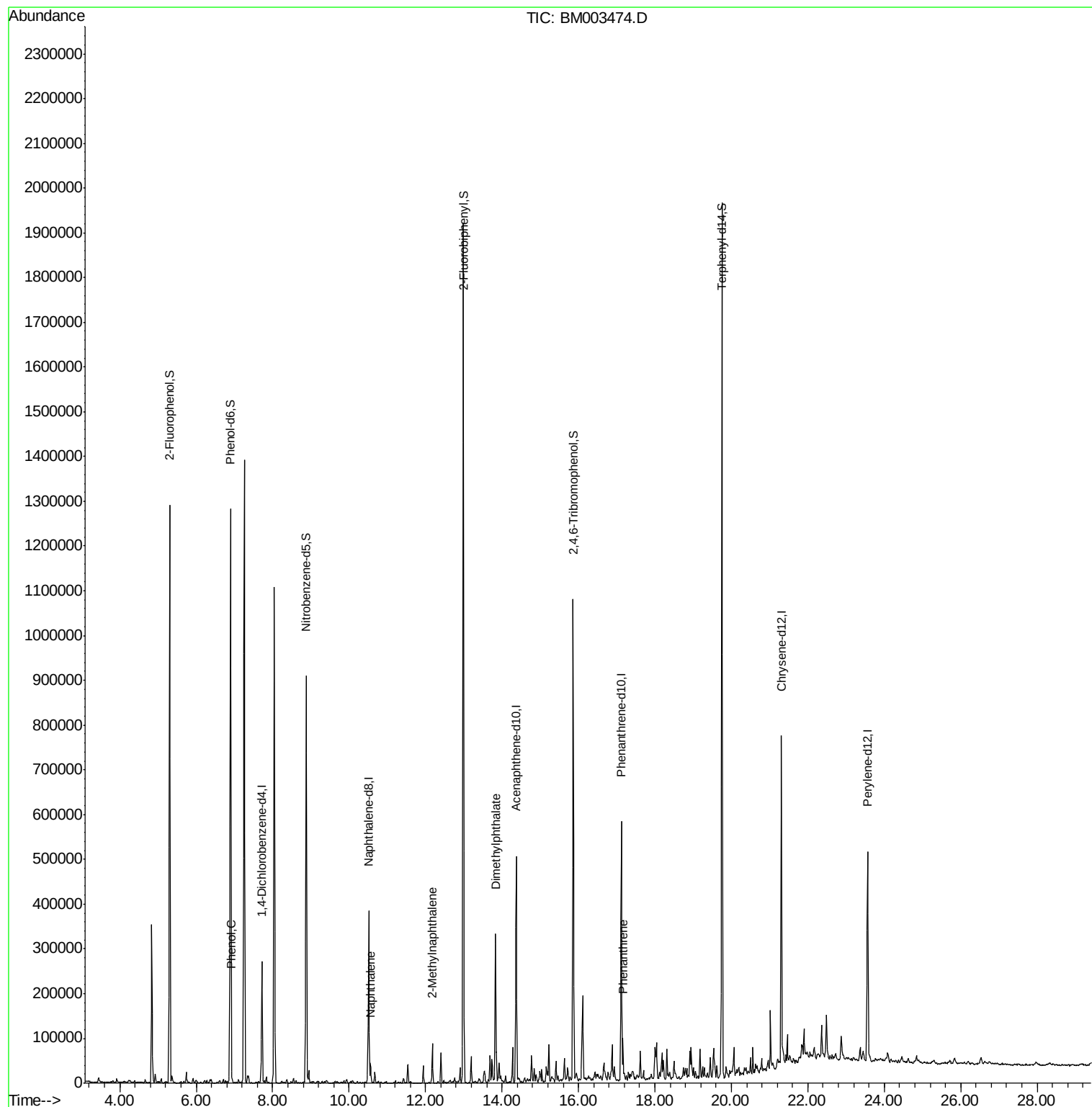
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	76216	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	328476	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	172193	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	335589	20.00	ng	0.00
75) Chrysene-d12	21.31	240	326237	20.00	ng	-0.01
86) Perylene-d12	23.56	264	325661	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	598473	139.61	ng	0.00
7) Phenol-d6	6.90	99	829936	139.42	ng	0.00
23) Nitrobenzene-d5	8.88	82	543537	102.60	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	175149	101.85	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1025878	81.17	ng	0.00
78) Terphenyl-d14	19.75	244	845969	61.15	ng	0.00
Target Compounds						
10) Phenol	6.92	94	14849	2.35	ng	Qvalue # 75
31) Naphthalene	10.56	128	41085	2.39	ng	99
37) 2-Methylnaphthalene	12.18	142	45903	3.89	ng	96
49) Dimethylphthalate	13.83	163	216735	15.27	ng	99
70) Phenanthrene	17.16	178	56653	3.01	ng	99

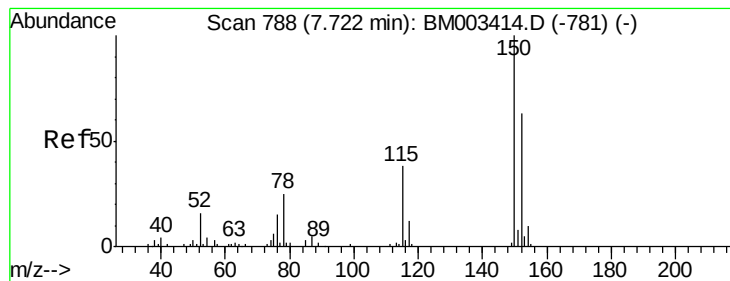
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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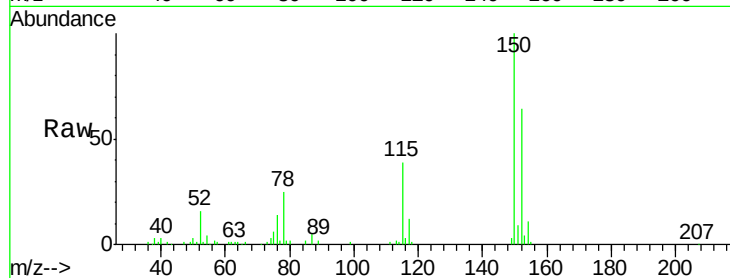


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BM003474.D
Acq: 11 Dec 2015 04:10

Instrument :
BNA_M
ClientSampleId :
SB3(2-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	119.5	179.3
115	60.5	43.0	64.4

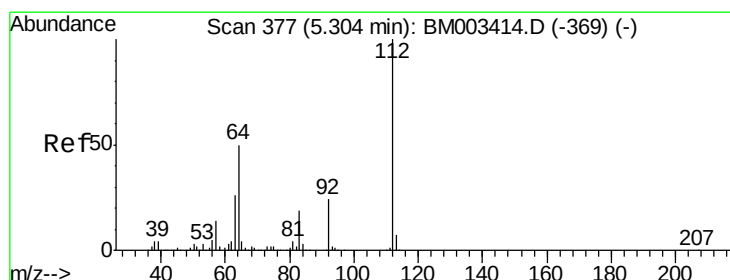
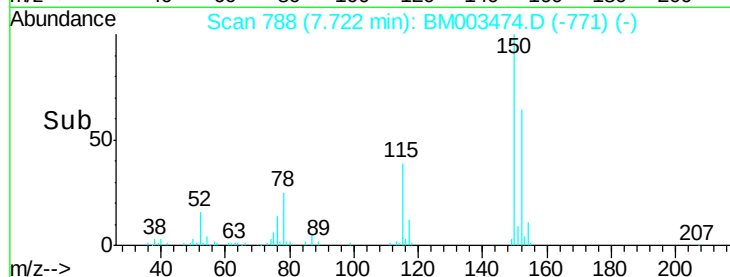
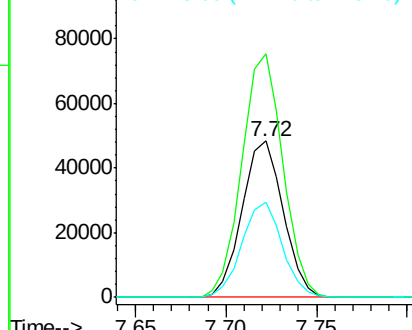


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

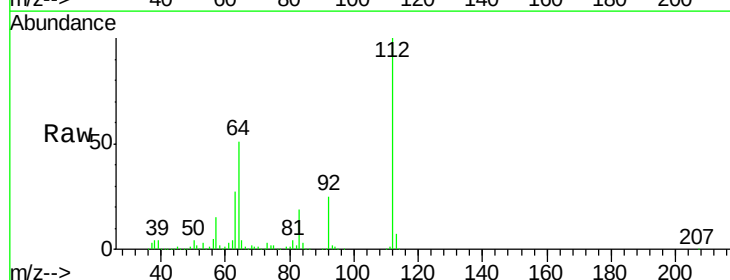
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 139.61 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003474.D
Acq: 11 Dec 2015 04:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.6	38.6	57.8
63	26.5	19.3	28.9

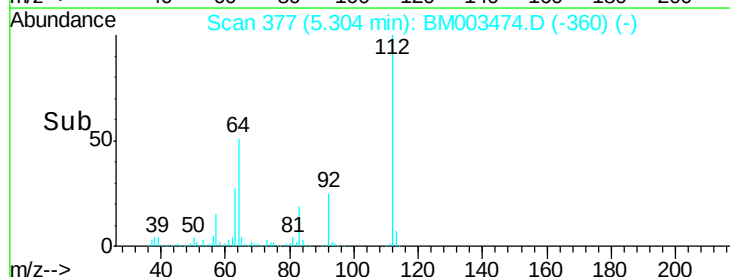
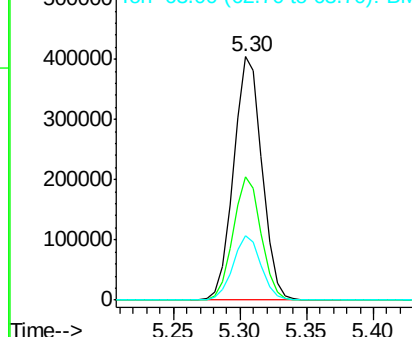


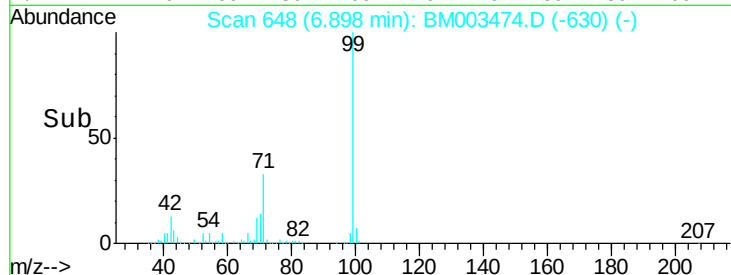
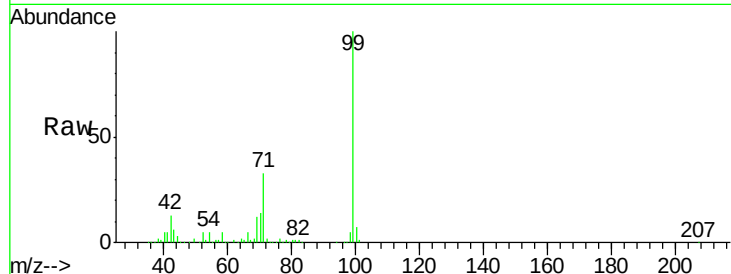
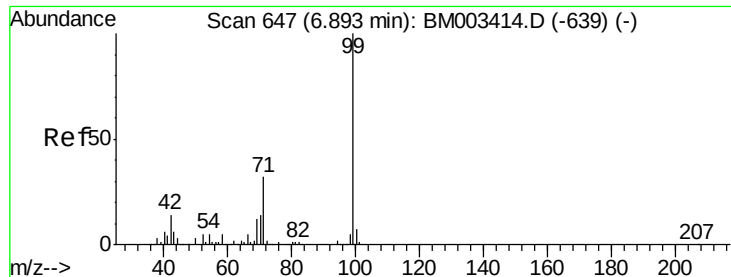
Abundance

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: 139.42 ng

RT: 6.90 min Scan# 648

Delta R.T. 0.01 min

Lab File: BM003474.D

Acq: 11 Dec 2015 04:10

Instrument :

BNA_M

ClientSampleId :

SB3(2-4)

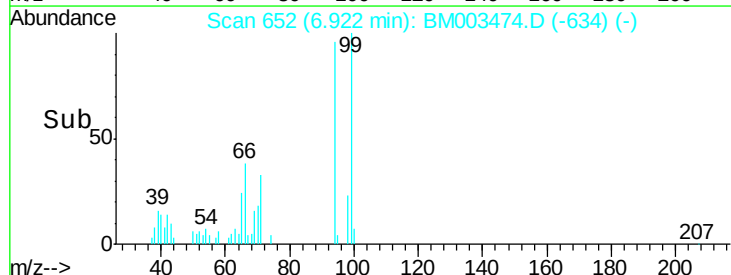
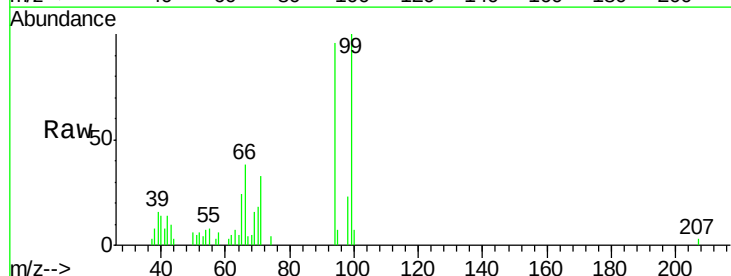
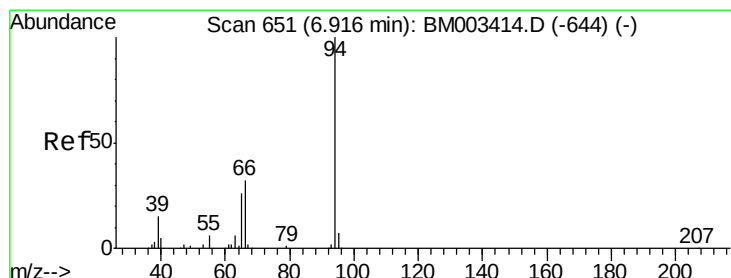
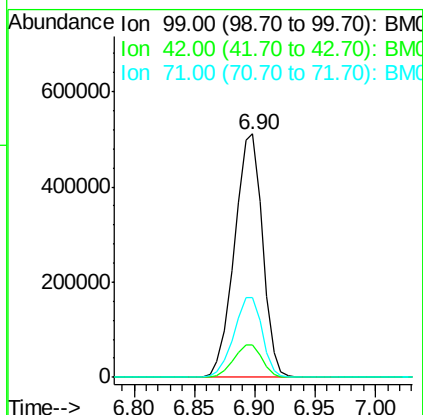
Tot Ion: 99 Resp: 829936

Ion Ratio Lower Upper

99 100

42 13.1 11.0 16.4

71 32.8 23.4 35.2



#10

Phenol

Concen: 2.35 ng

RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM003474.D

Acq: 11 Dec 2015 04:10

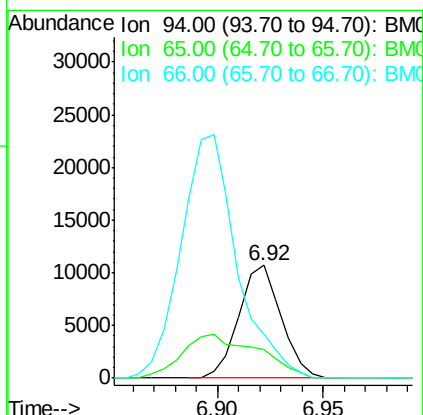
Tgt Ion: 94 Resp: 14849

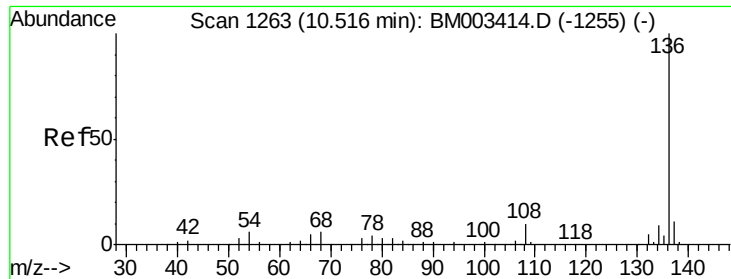
Ion Ratio Lower Upper

94 100

65 24.9 18.8 58.8

66 39.6 39.9 79.9#

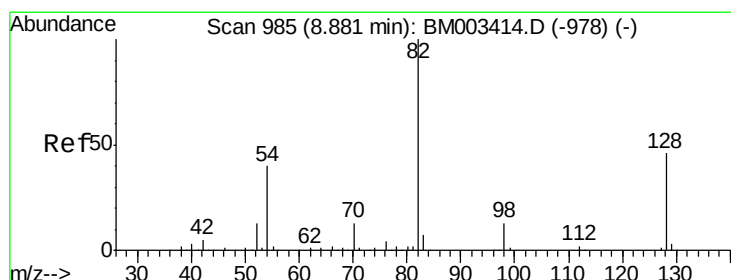
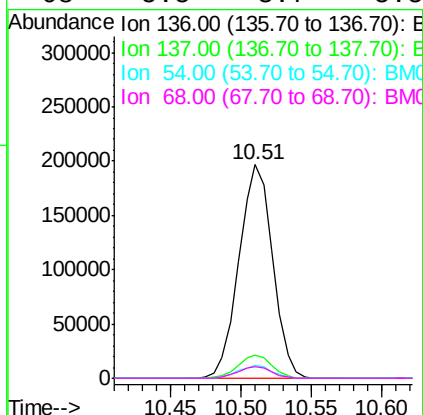
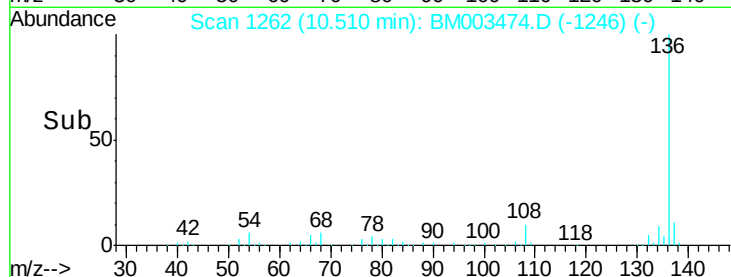
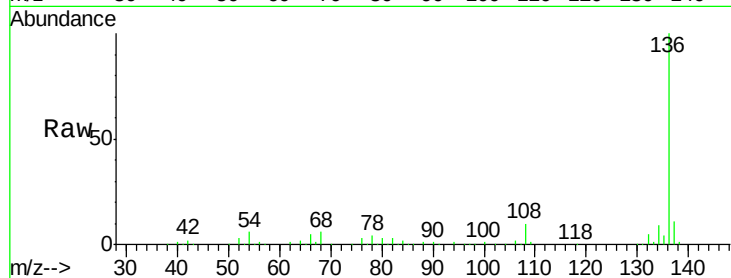




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM003474.D
Acq: 11 Dec 2015 04:10

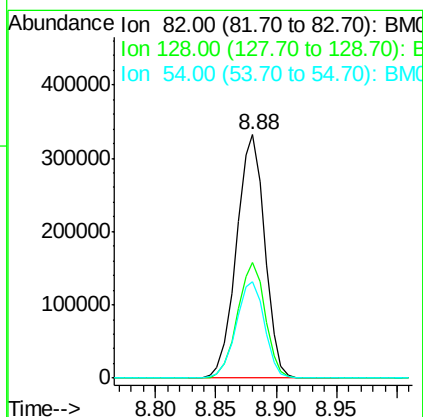
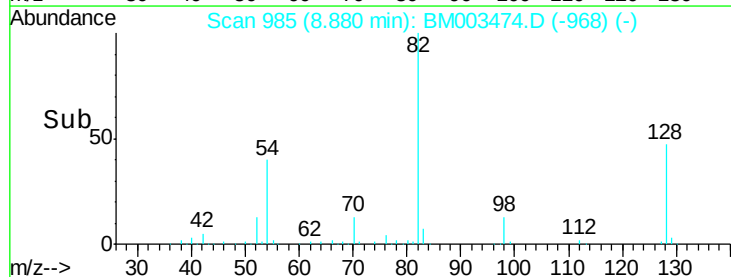
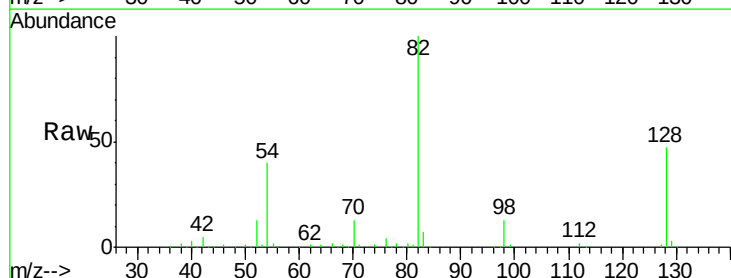
Instrument :
BNA_M
ClientSampleId :
SB3(2-4)

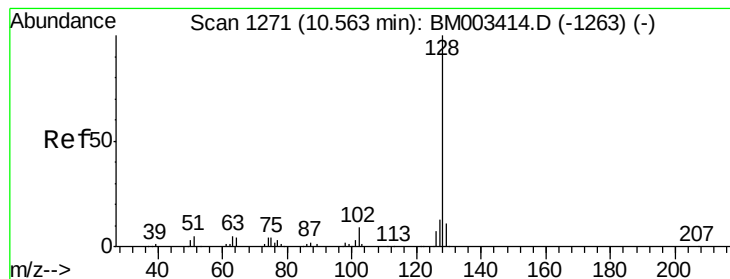
Tot Ion:136	Resp:	328476
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.7 13.1
54	5.9	4.6 6.8
68	5.5	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 102.60 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BM003474.D
Acq: 11 Dec 2015 04:10

Tgt Ion: 82	Resp:	543537
Ion	Ratio	Lower Upper
82	100	
128	47.4	32.8 49.2
54	39.8	40.6 60.8#





#31

Naphthalene

Concen: 2.39 ng

RT: 10.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BM003474.D

Acq: 11 Dec 2015 04:10

Instrument :

BNA_M

ClientSampleId :

SB3(2-4)

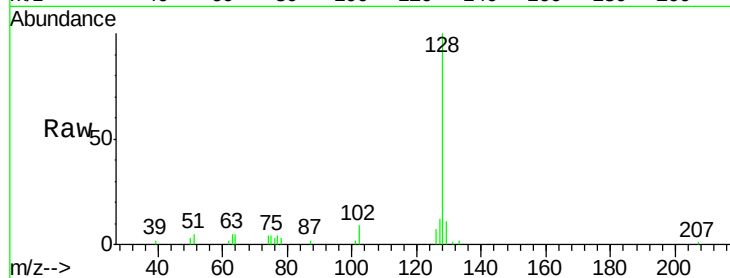
Tot Ion:128 Resp: 41085

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

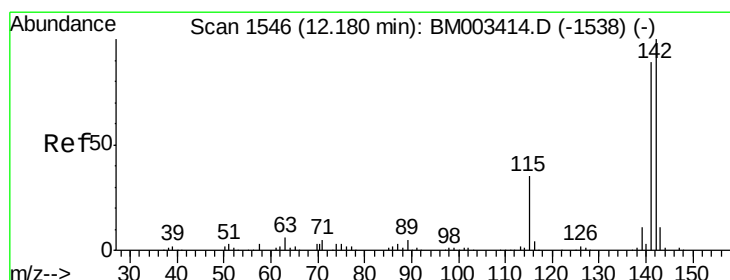
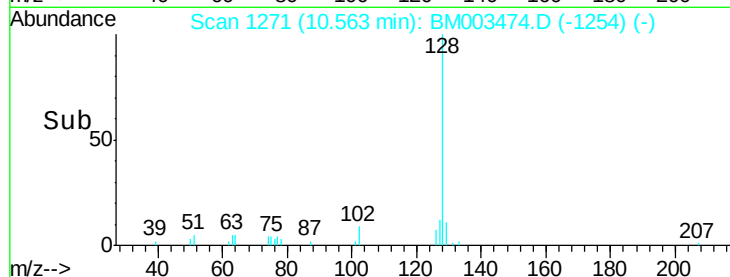
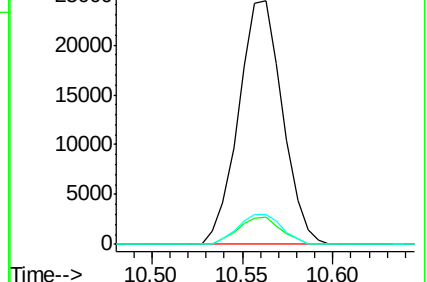
127 12.4 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 3.89 ng

RT: 12.18 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BM003474.D

Acq: 11 Dec 2015 04:10

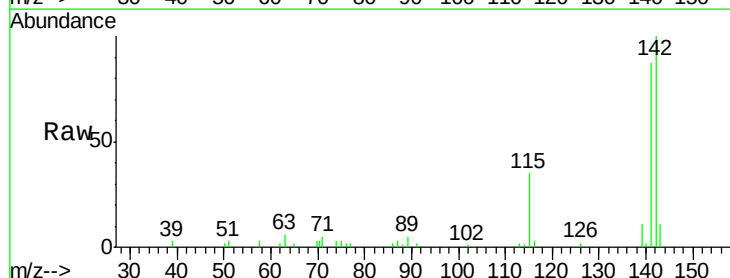
Tgt Ion:142 Resp: 45903

Ion Ratio Lower Upper

142 100

141 86.8 71.9 107.9

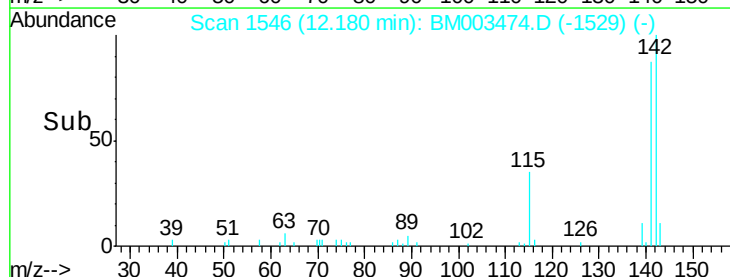
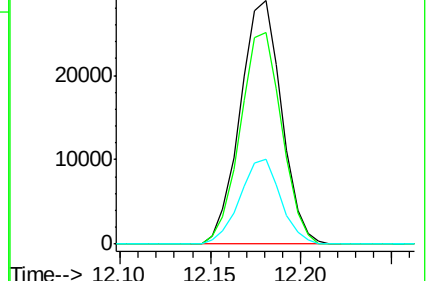
115 34.9 25.4 38.0

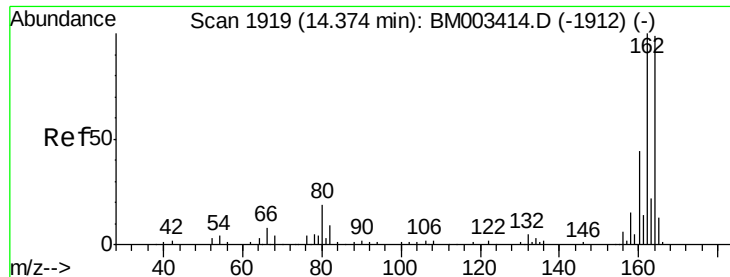


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

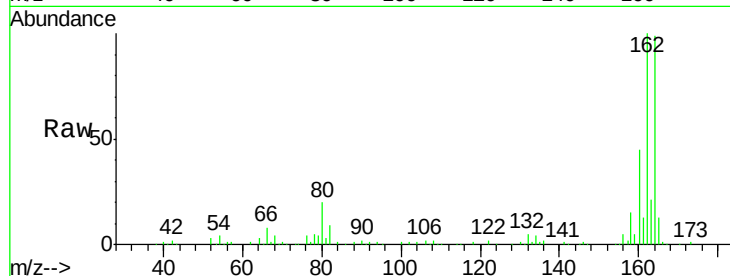




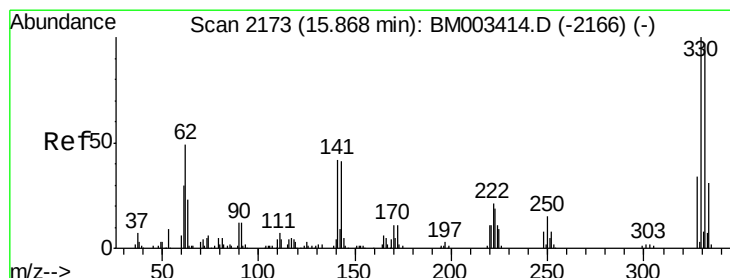
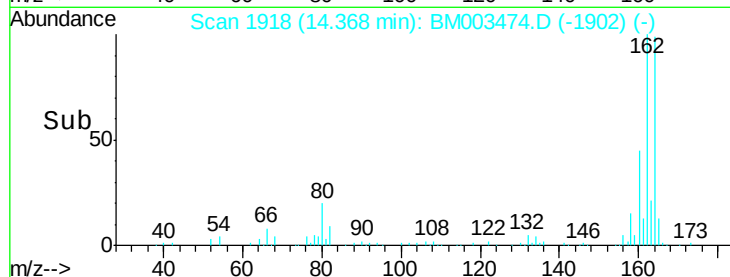
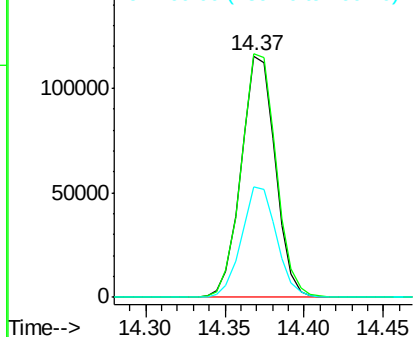
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BM003474.D
Acq: 11 Dec 2015 04:10

Instrument :
BNA_M
ClientSampleId :
SB3(2-4)

Tot Ion:164 Resp: 172193
Ion Ratio Lower Upper
164 100
162 100.9 82.4 123.6
160 45.6 35.8 53.6

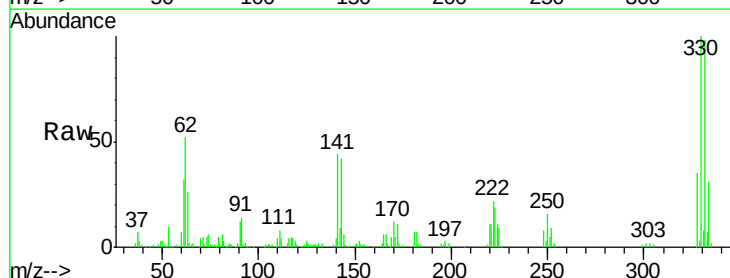


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

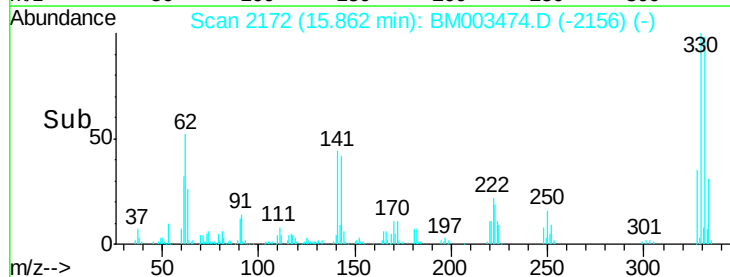
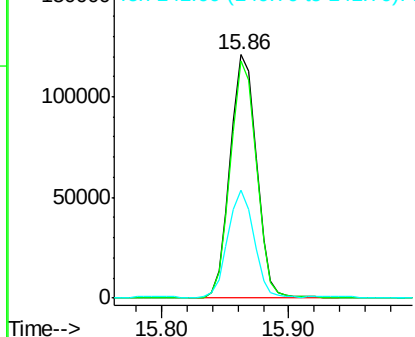


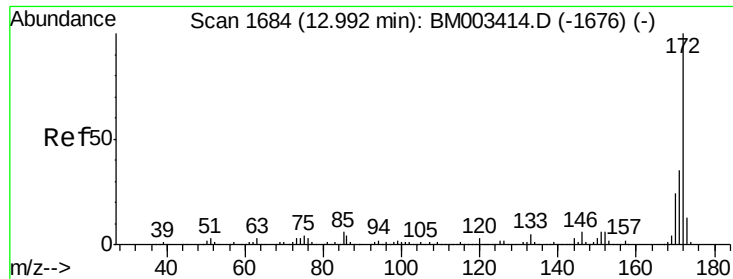
#41
2,4,6-Tribromophenol
Concen: 101.85 ng
RT: 15.86 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM003474.D
Acq: 11 Dec 2015 04:10

Tgt Ion:330 Resp: 175149
Ion Ratio Lower Upper
330 100
332 96.2 0.0 0.0#
141 43.4 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

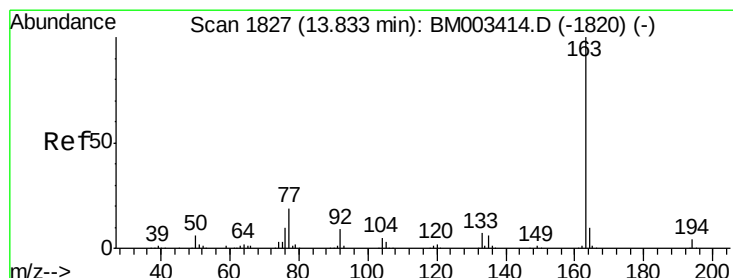
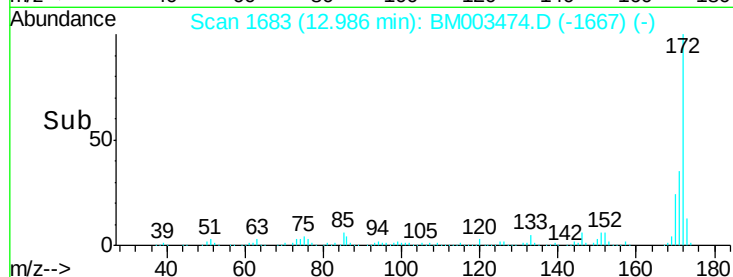
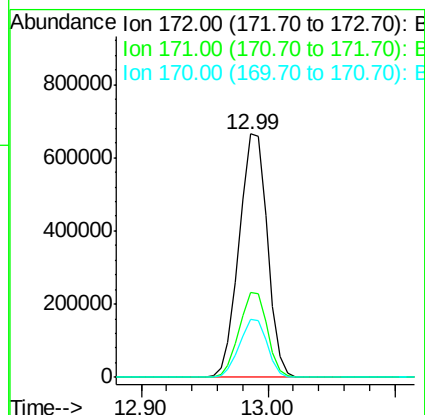
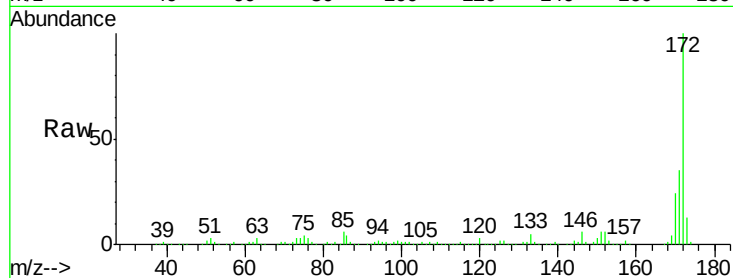




#44
2-Fluorobiphenyl
Concen: 81.17 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BM003474.D
Acq: 11 Dec 2015 04:10

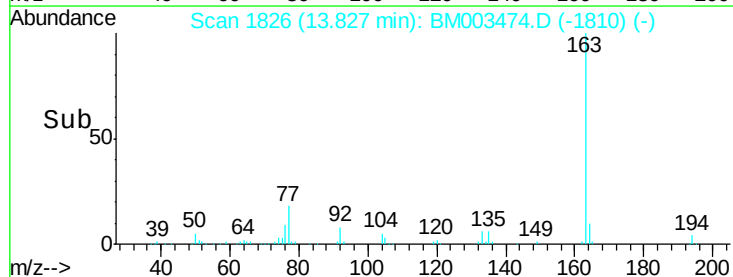
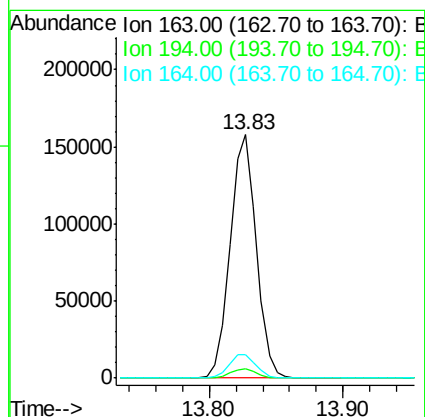
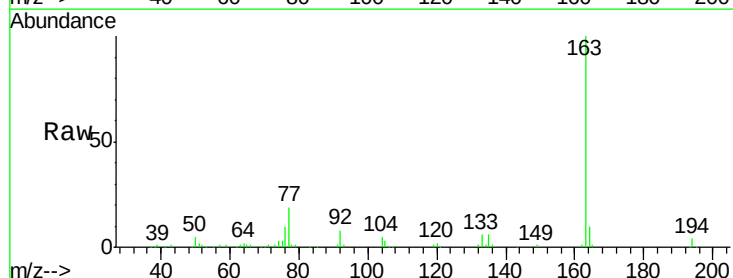
Instrument :
BNA_M
ClientSampleId :
SB3(2-4)

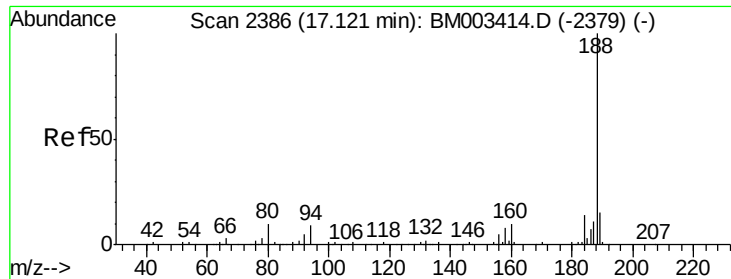
Tot Ion:172 Resp: 1025878
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.8 18.8 28.2



#49
Dimethylphthalate
Concen: 15.27 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM003474.D
Acq: 11 Dec 2015 04:10

Tgt Ion:163 Resp: 216735
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.8 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: BM003474.D

Acq: 11 Dec 2015 04:10

Instrument :

BNA_M

ClientSampleId :

SB3(2-4)

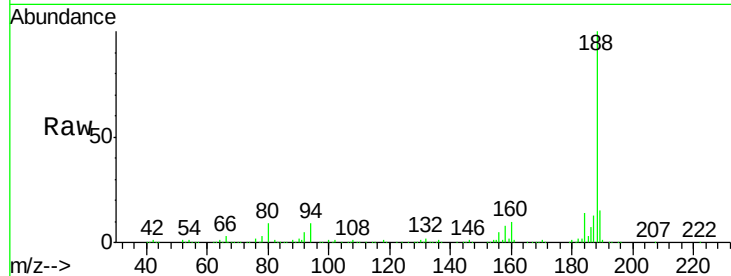
Tot Ion:188 Resp: 335589

Ion Ratio Lower Upper

188 100

94 9.0 8.7 13.1

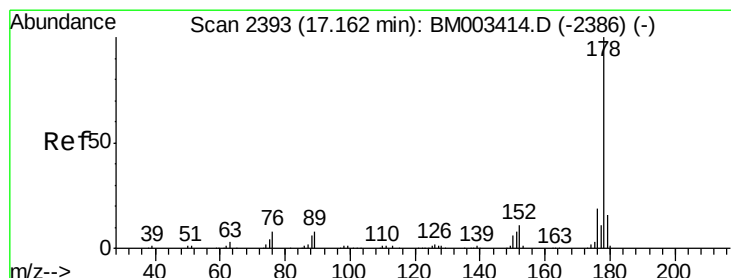
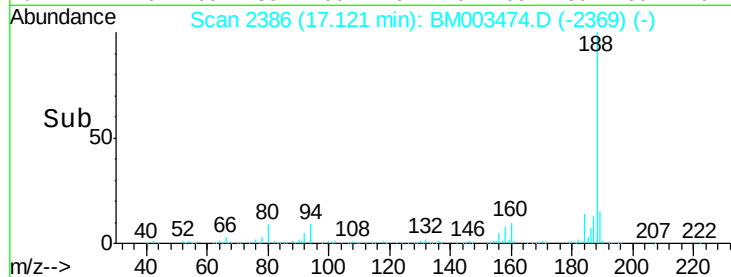
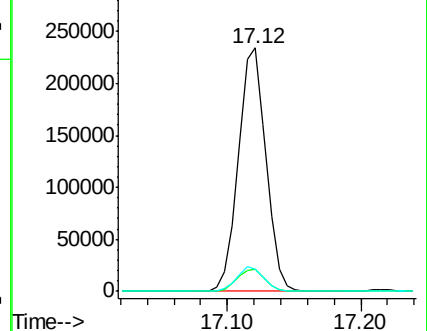
80 9.2 9.3 13.9#



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



#70

Phenanthrene

Concen: 3.01 ng

RT: 17.16 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BM003474.D

Acq: 11 Dec 2015 04:10

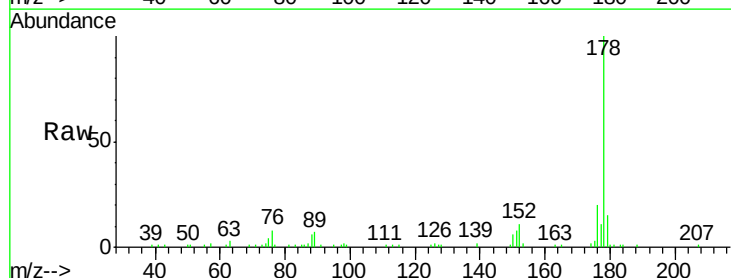
Tgt Ion:178 Resp: 56653

Ion Ratio Lower Upper

178 100

176 20.0 15.2 22.8

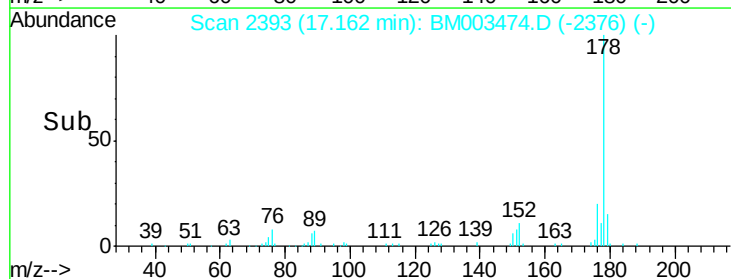
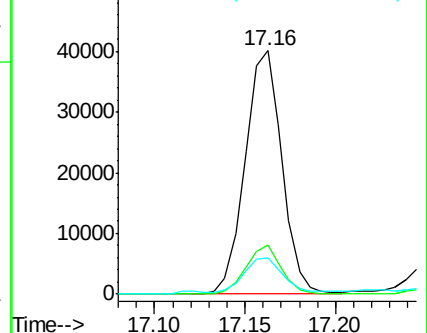
179 15.1 12.1 18.1

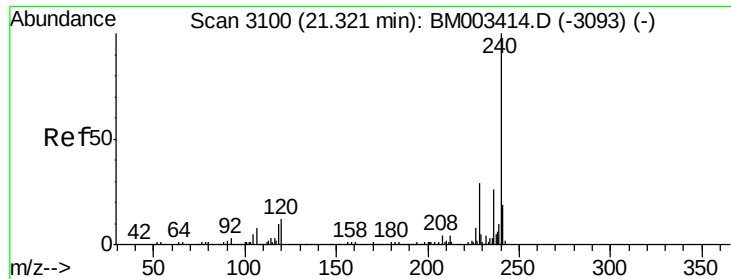


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM003474.D

Acq: 11 Dec 2015 04:10

Instrument :

BNA_M

ClientSampleId :

SB3(2-4)

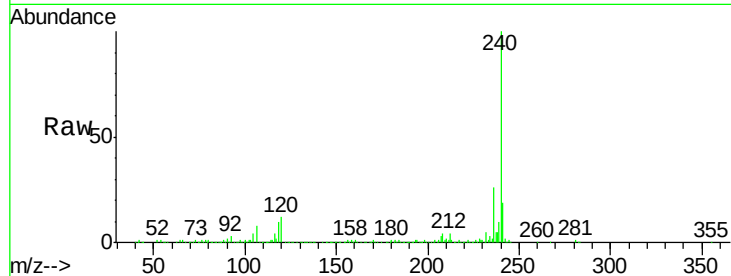
Tot Ion:240 Resp: 326237

Ion Ratio Lower Upper

240 100

120 11.7 8.2 12.2

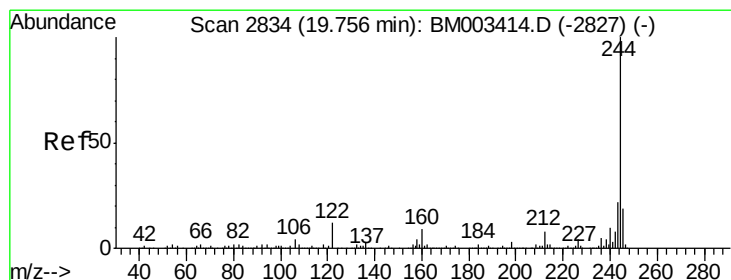
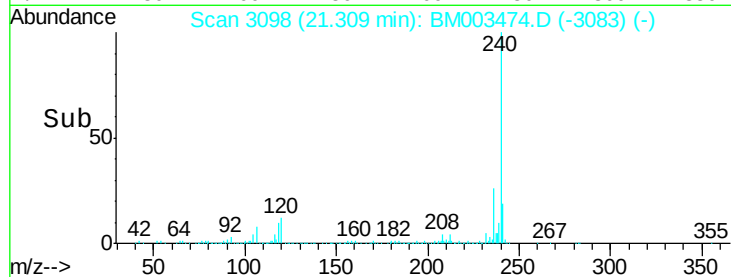
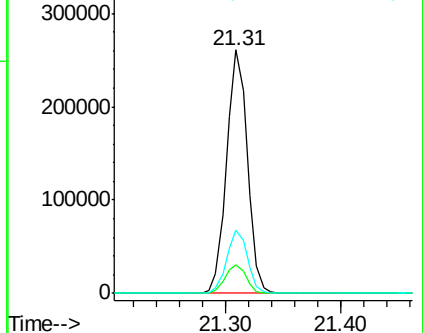
236 25.9 20.0 30.0



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: 61.15 ng

RT: 19.75 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BM003474.D

Acq: 11 Dec 2015 04:10

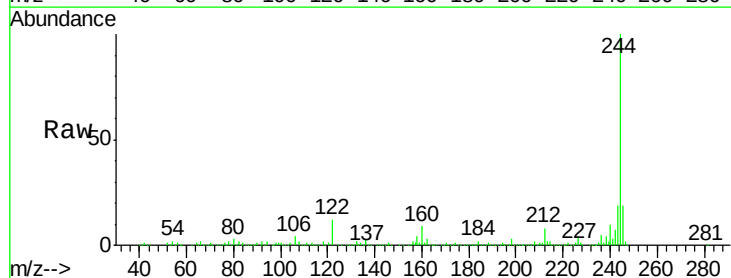
Tgt Ion:244 Resp: 845969

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

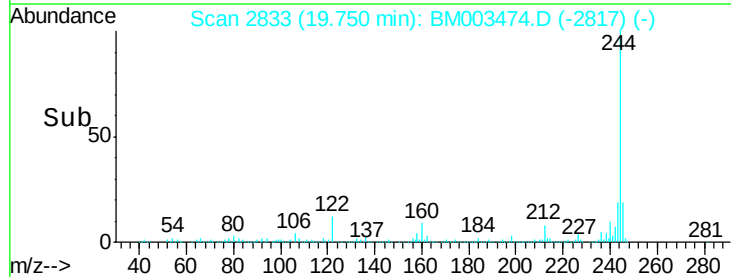
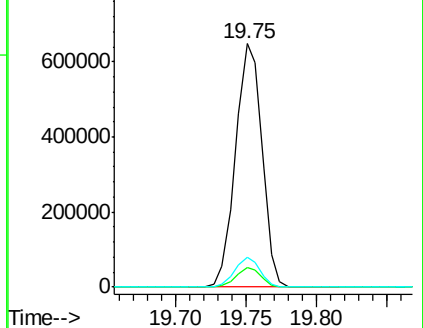
122 12.1 6.2 9.4#

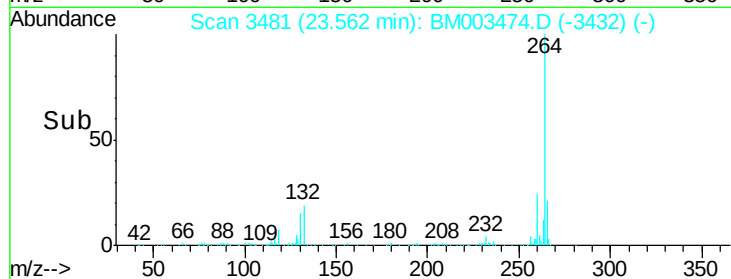
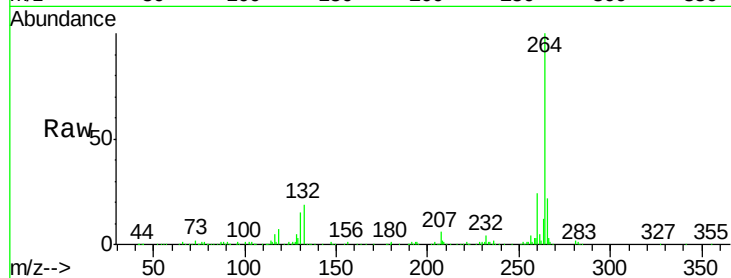
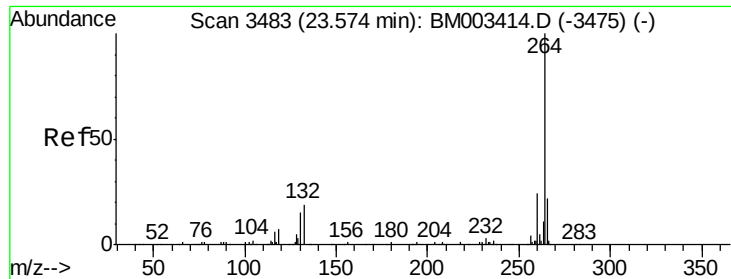


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.56 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BM003474.D
Acq: 11 Dec 2015 04:10

Instrument :
BNA_M
ClientSampleId :
SB3(2-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.7	17.3	25.9

