

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
 Data File : BM003476.D
 Acq On : 11 Dec 2015 05:22
 Operator : UM/IZ
 Sample : G4725-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB5A(9-10)

Quant Time: Dec 11 07:53:48 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

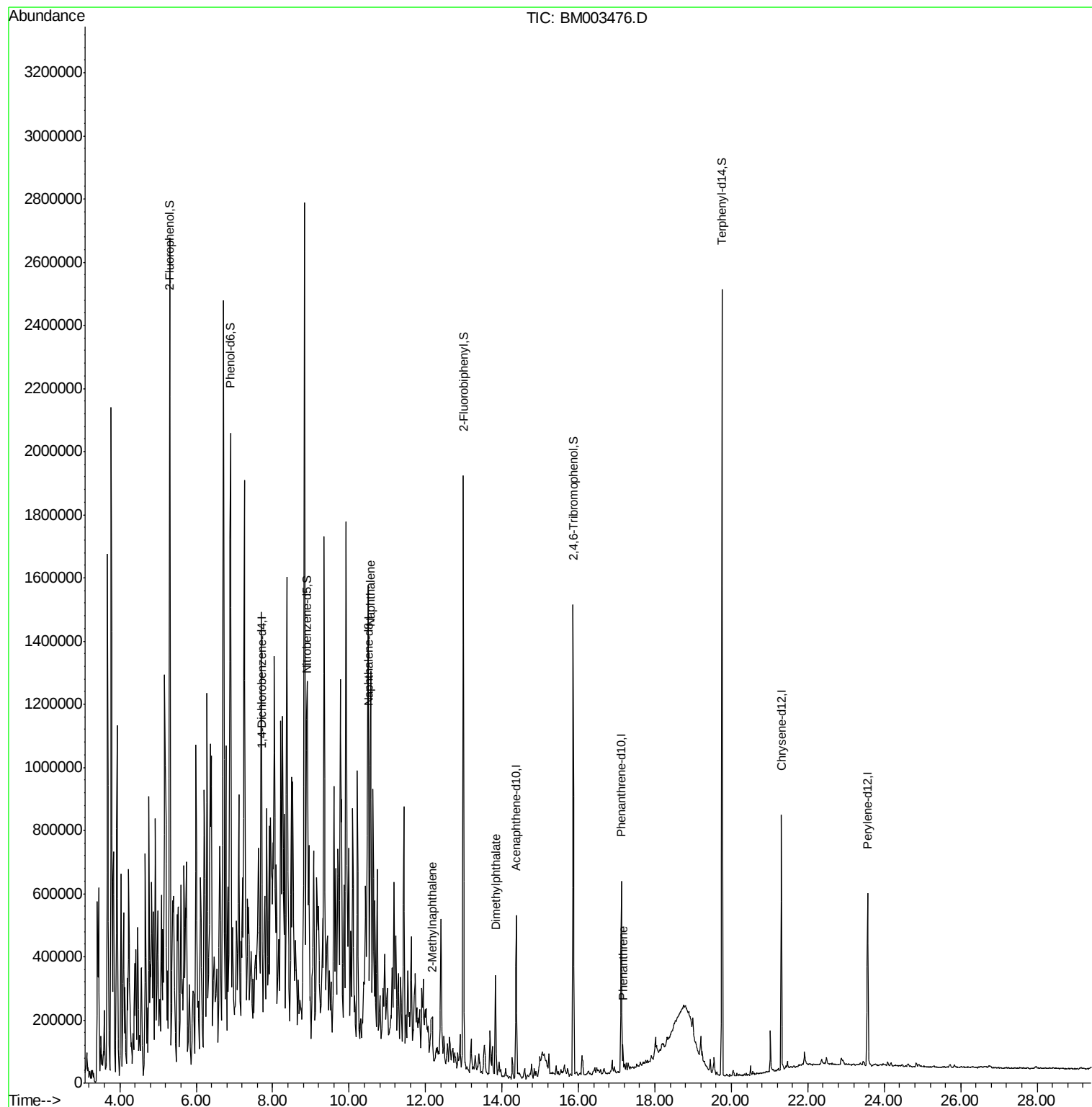
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	79827	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	313349	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	174936	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	357478	20.00	ng	0.00
75) Chrysene-d12	21.31	240	368051	20.00	ng	-0.01
86) Perylene-d12	23.56	264	370891	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	646127	143.90	ng	0.00
7) Phenol-d6	6.90	99	854853	137.11	ng	0.00
23) Nitrobenzene-d5	8.89	82	490464	97.05	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	260354	149.02	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1026301	79.93	ng	0.00
78) Terphenyl-d14	19.76	244	1120126	71.77	ng	0.00
Target Compounds						
31) Naphthalene	10.56	128	215542	13.15	ng	# 81
37) 2-Methylnaphthalene	12.18	142	52138	4.64	ng	# 96
49) Dimethylphthalate	13.83	163	199205	13.82	ng	# 99
70) Phenanthrene	17.16	178	51586	2.57	ng	99

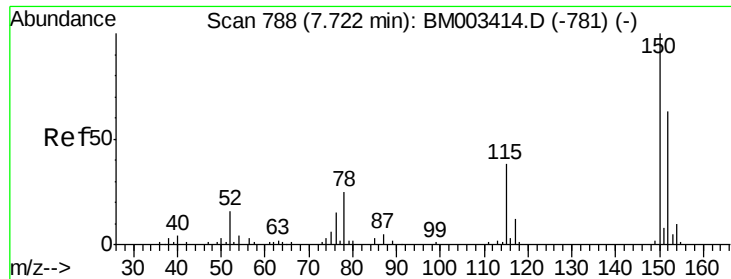
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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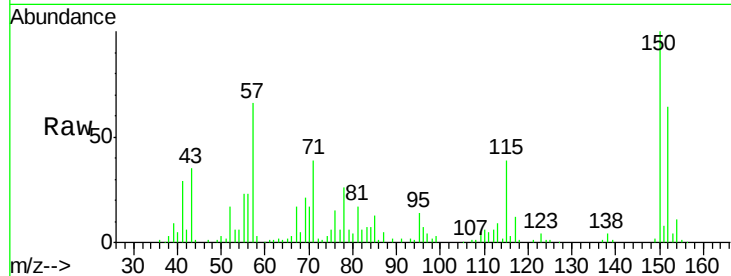


#1

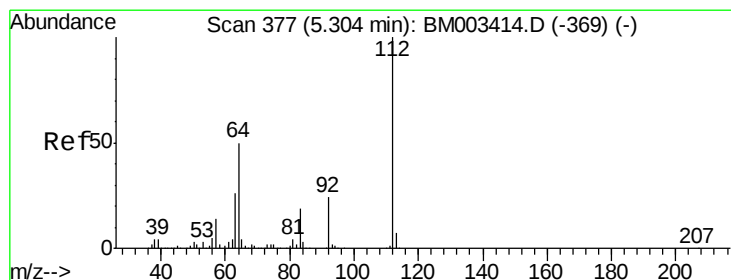
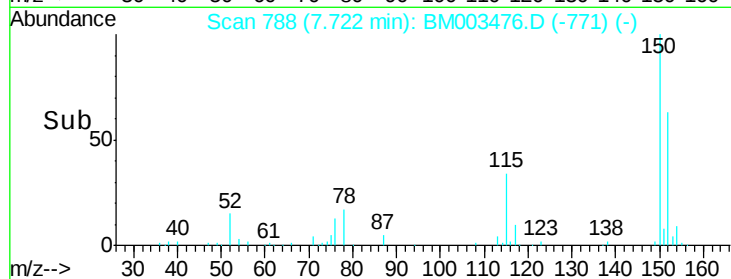
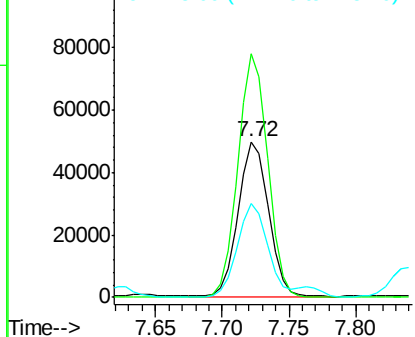
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Instrument :
BNA_M
ClientSampleId :
SB5A(9-10)

Tot Ion:152 Resp: 79827
Ion Ratio Lower Upper
152 100
150 156.2 119.5 179.3
115 60.2 43.0 64.4



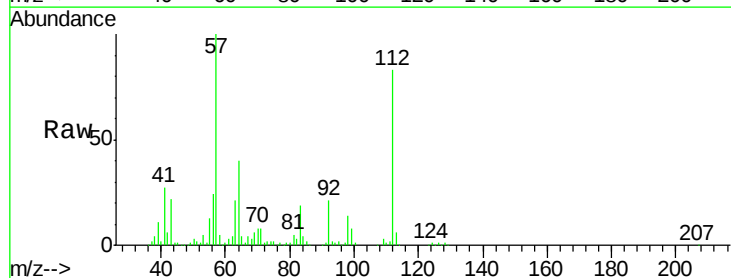
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



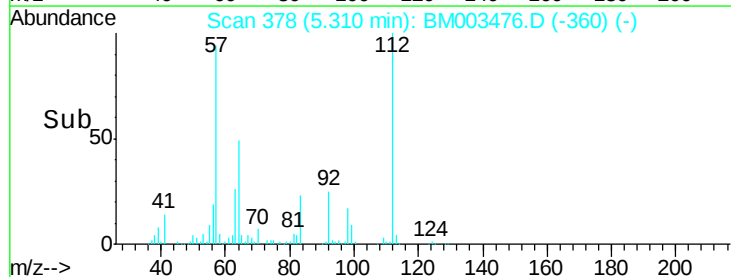
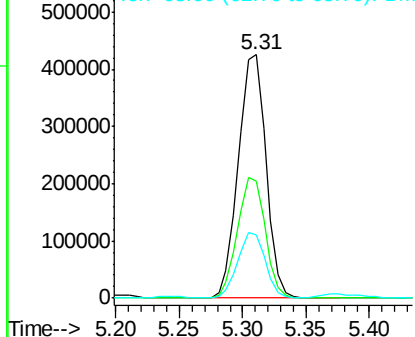
#5

2-Fluorophenol
Concen: 143.90 ng
RT: 5.31 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Tgt Ion:112 Resp: 646127
Ion Ratio Lower Upper
112 100
64 48.2 38.6 57.8
63 25.8 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: 137.11 ng

RT: 6.90 min Scan# 648

Delta R.T. 0.01 min

Lab File: BM003476.D

Acq: 11 Dec 2015 05:22

Instrument :

BNA_M

ClientSampleId :

SB5A(9-10)

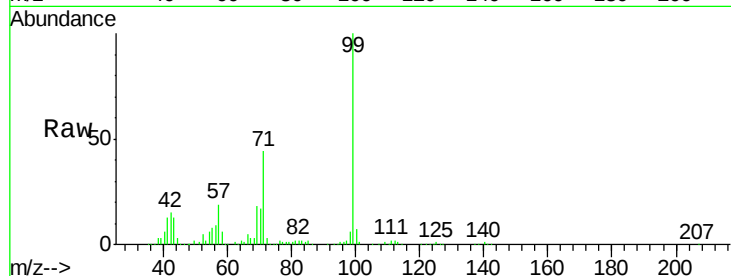
Tot Ion: 99 Resp: 854853

Ion Ratio Lower Upper

99 100

42 14.7 11.0 16.4

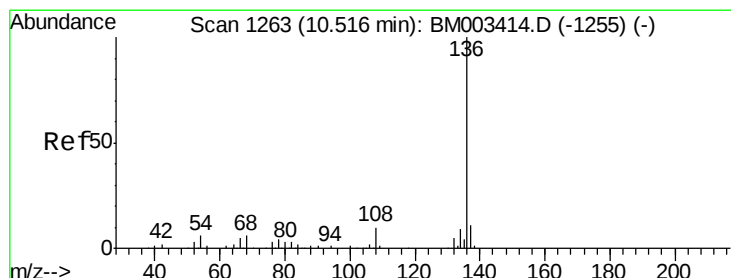
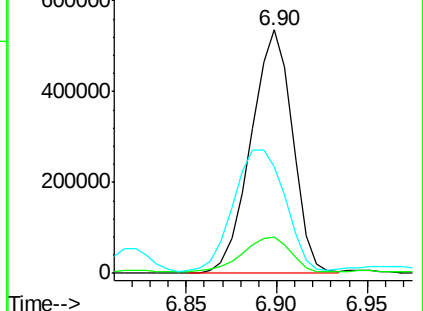
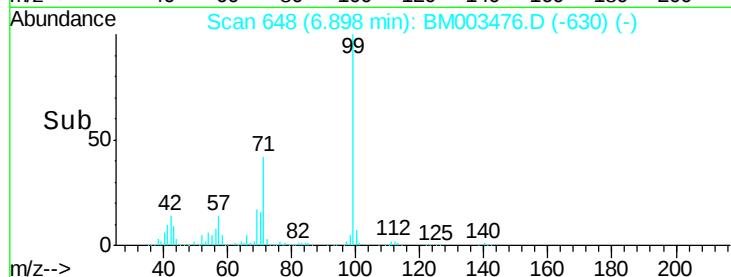
71 44.0 23.4 35.2#



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: 10.52 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BM003476.D

Acq: 11 Dec 2015 05:22

Tgt Ion: 136 Resp: 313349

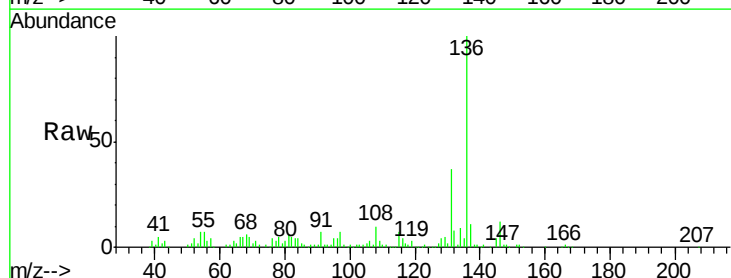
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.5 4.6 6.8

68 6.4 3.7 5.5#

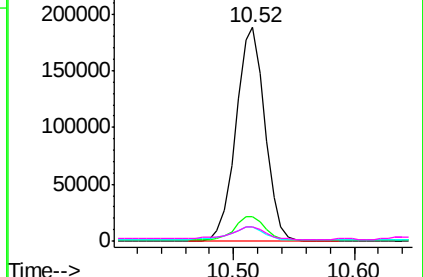
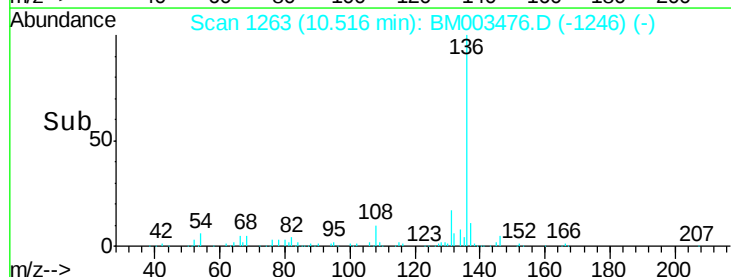


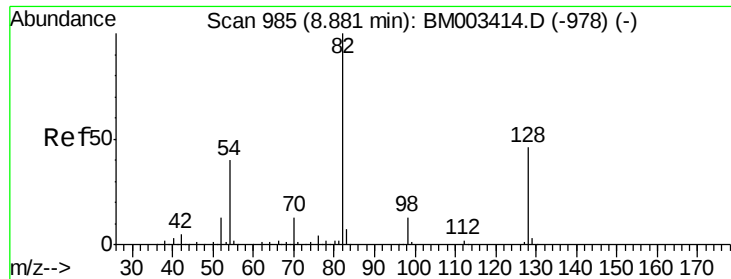
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

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) (-)

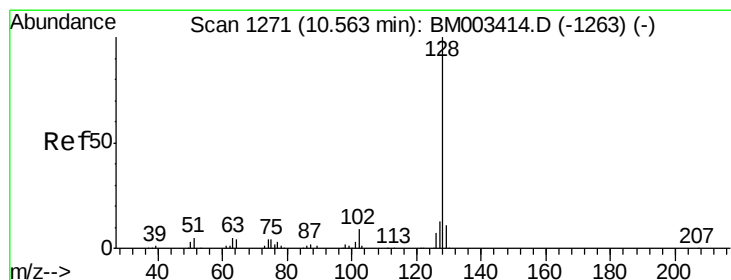
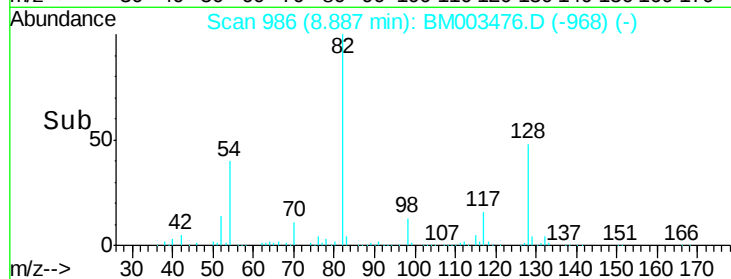
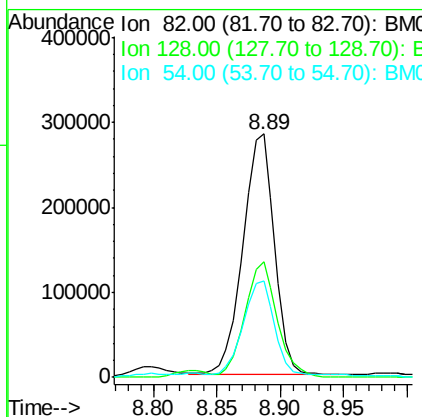
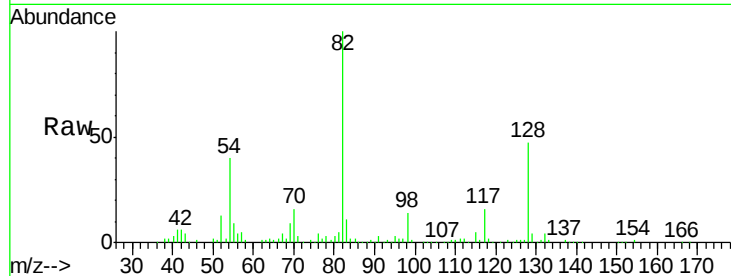




#23
 Nitrobenzene-d5
 Concen: 97.05 ng
 RT: 8.89 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BM003476.D
 Acq: 11 Dec 2015 05:22

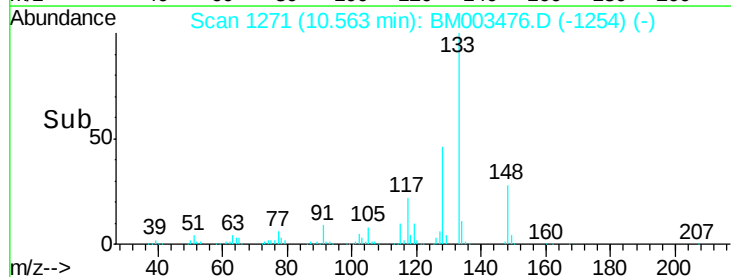
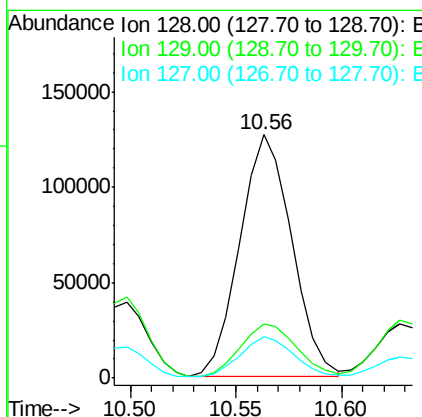
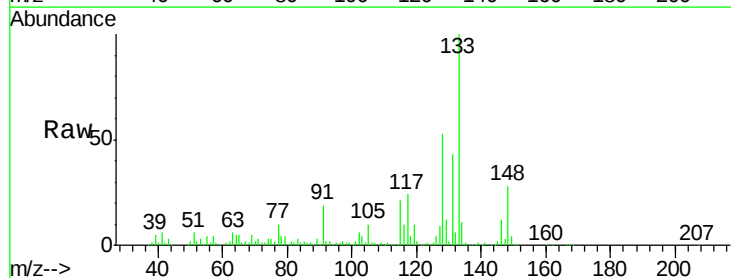
Instrument :
 BNA_M
 ClientSampleId :
 SB5A(9-10)

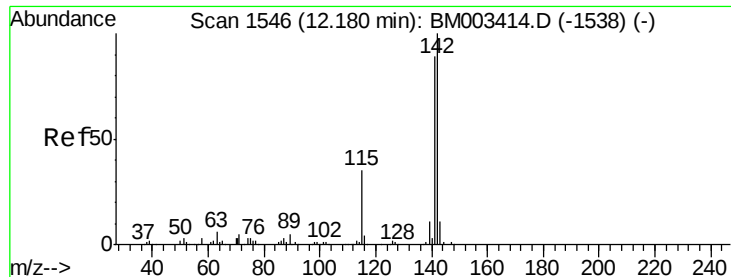
Tot Ion	82	Resp	490464
Ion Ratio	Lower	Upper	
82	100		
128	47.4	32.8	49.2
54	39.6	40.6	60.8#



#31
 Naphthalene
 Concen: 13.15 ng
 RT: 10.56 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BM003476.D
 Acq: 11 Dec 2015 05:22

Tgt Ion	128	Resp	215542
Ion Ratio	Lower	Upper	
128	100		
129	22.4	8.9	13.3#
127	16.8	10.4	15.6#

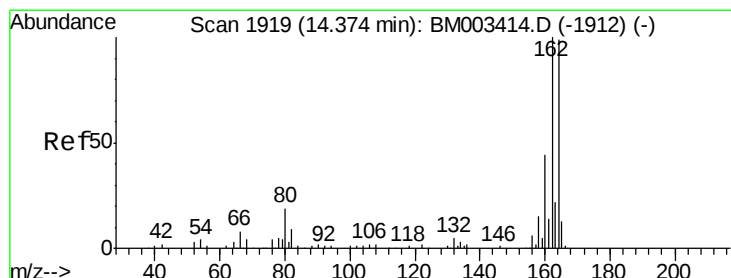
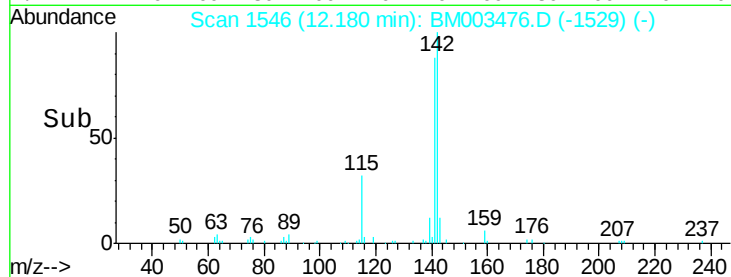
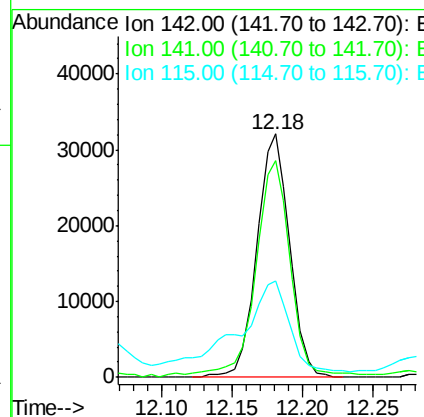
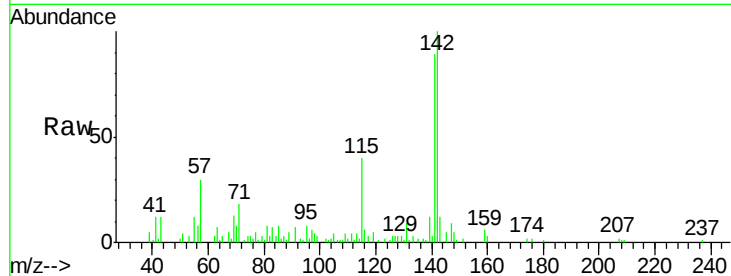




#37
2-Methylnaphthalene
Concen: 4.64 ng
RT: 12.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

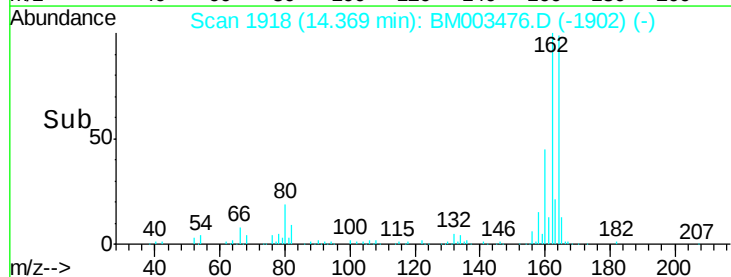
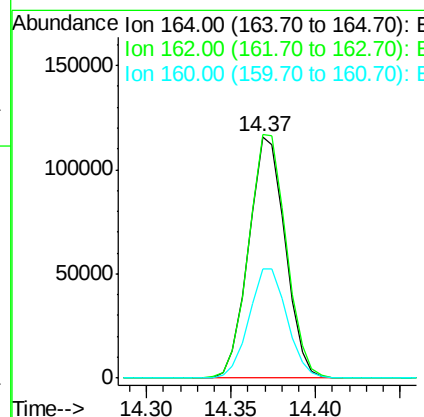
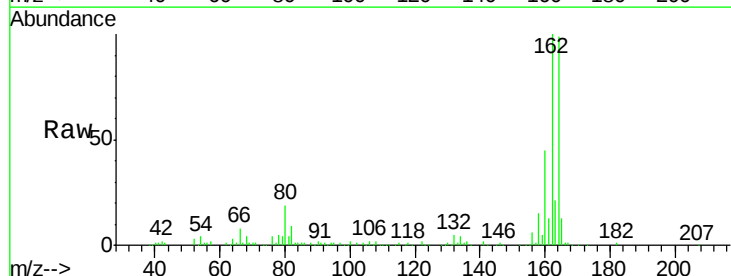
Instrument :
BNA_M
ClientSampleId :
SB5A(9-10)

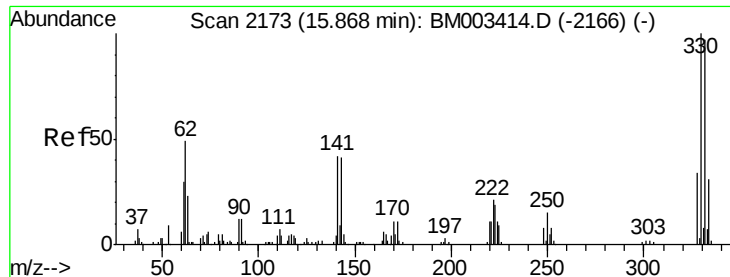
Tot Ion:142 Resp: 52138
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9
115 39.7 25.4 38.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BM003476.D
Acq: 11 Dec 2015 05:22

Tgt Ion:164 Resp: 174936
Ion Ratio Lower Upper
164 100
162 100.8 82.4 123.6
160 45.2 35.8 53.6

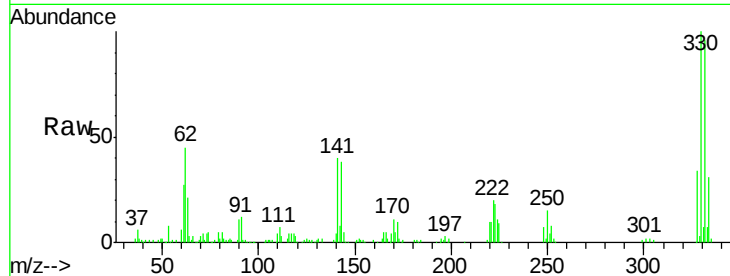




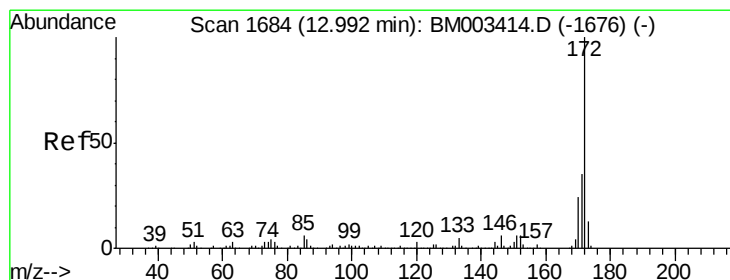
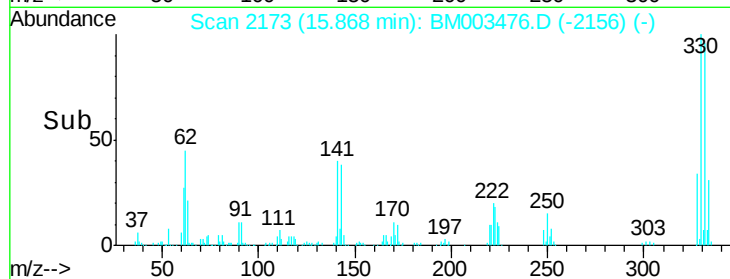
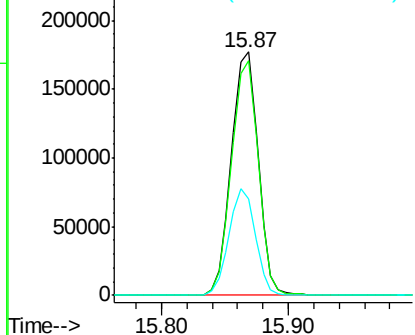
#41
 2,4,6-Tribromophenol
 Concen: 149.02 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BM003476.D
 Acq: 11 Dec 2015 05:22

Instrument :
 BNA_M
 ClientSampleId :
 SB5A(9-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	43.3	0.0	0.0#

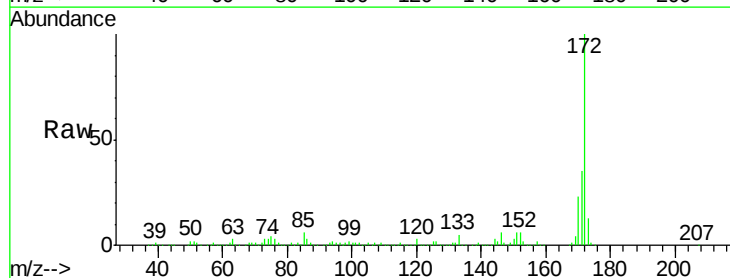


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

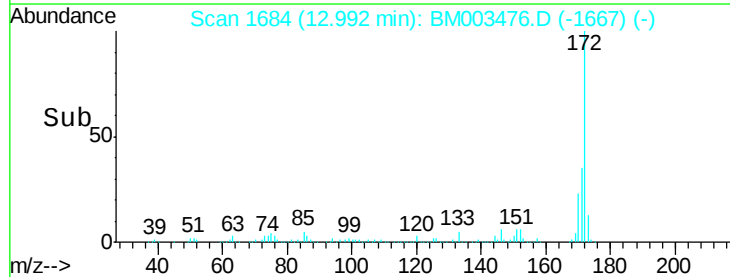
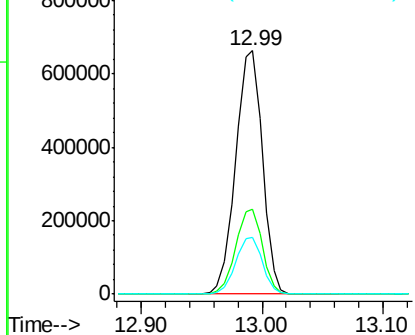


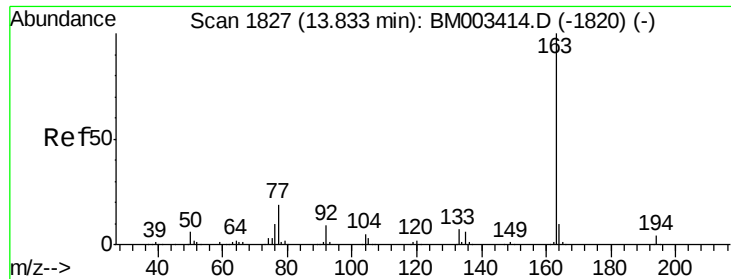
#44
 2-Fluorobiphenyl
 Concen: 79.93 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM003476.D
 Acq: 11 Dec 2015 05:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.4	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: 13.82 ng

RT: 13.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM003476.D

Acq: 11 Dec 2015 05:22

Instrument :

BNA_M

ClientSampleId :

SB5A(9-10)

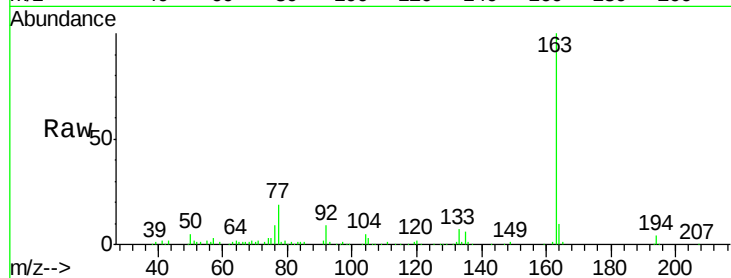
Tot Ion:163 Resp: 199205

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

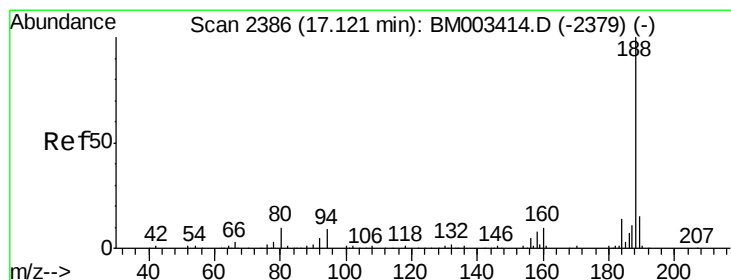
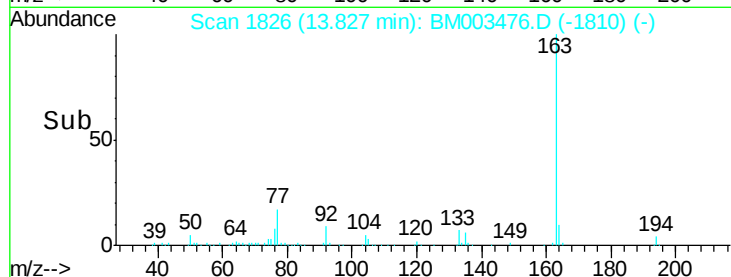
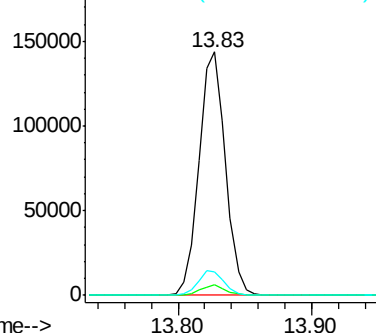
164 9.9 8.2 12.2



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: BM003476.D

Acq: 11 Dec 2015 05:22

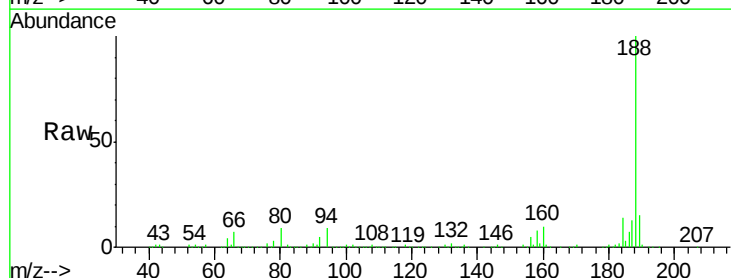
Tgt Ion:188 Resp: 357478

Ion Ratio Lower Upper

188 100

94 9.1 8.7 13.1

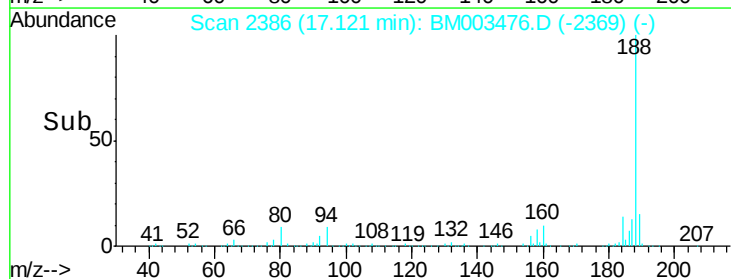
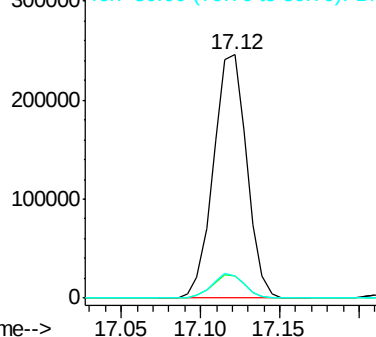
80 9.4 9.3 13.9

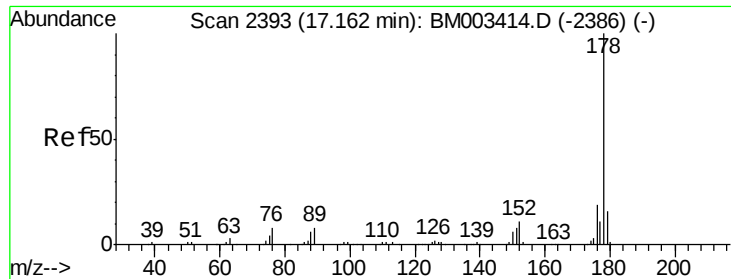


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#70

Phenanthrene

Concen: 2.57 ng

RT: 17.16 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BM003476.D

Acq: 11 Dec 2015 05:22

Instrument :

BNA_M

ClientSampleId :

SB5A(9-10)

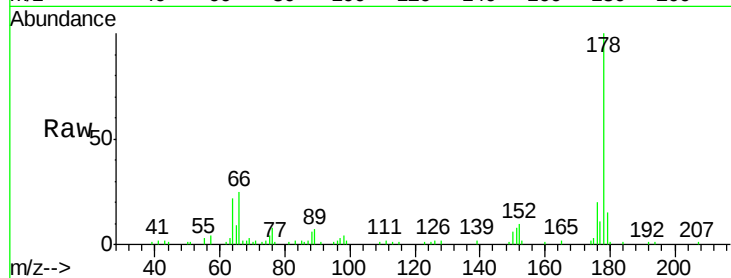
Tot Ion:178 Resp: 51586

Ion Ratio Lower Upper

178 100

176 19.9 15.2 22.8

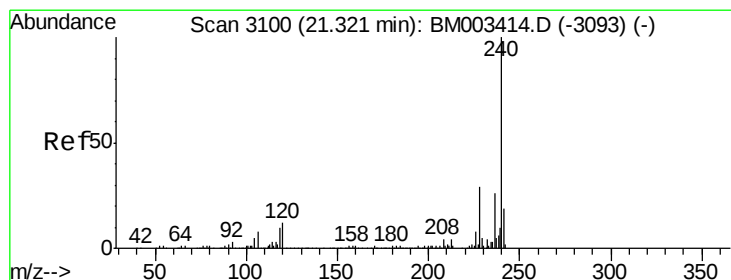
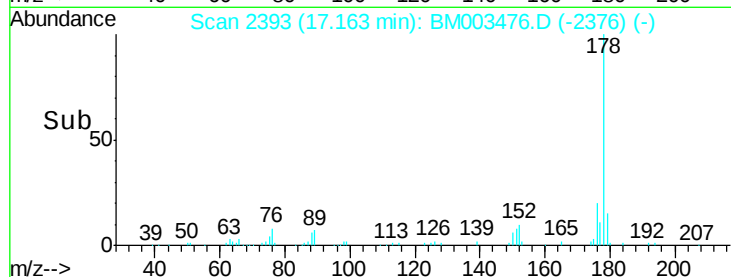
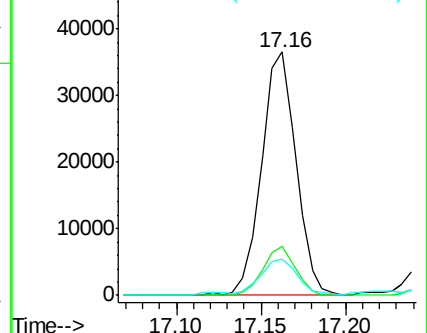
179 15.1 12.1 18.1



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: BM003476.D

Acq: 11 Dec 2015 05:22

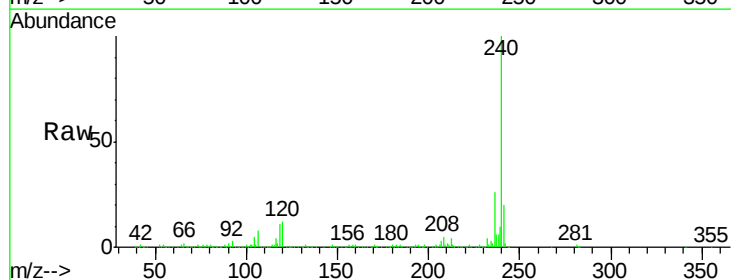
Tgt Ion:240 Resp: 368051

Ion Ratio Lower Upper

240 100

120 12.2 8.2 12.2

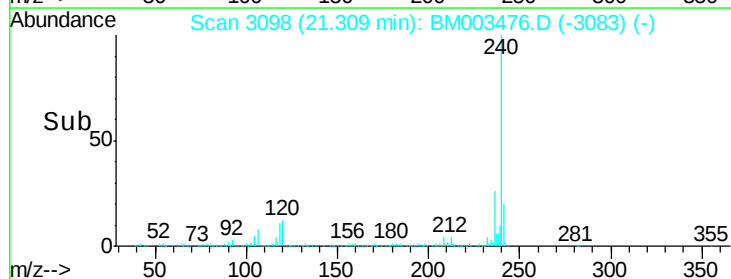
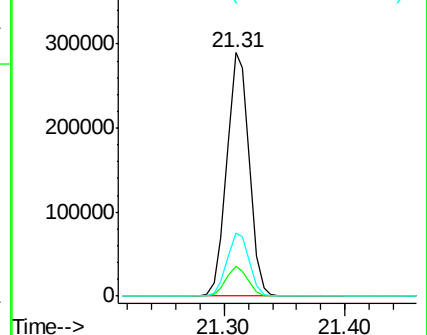
236 26.0 20.0 30.0

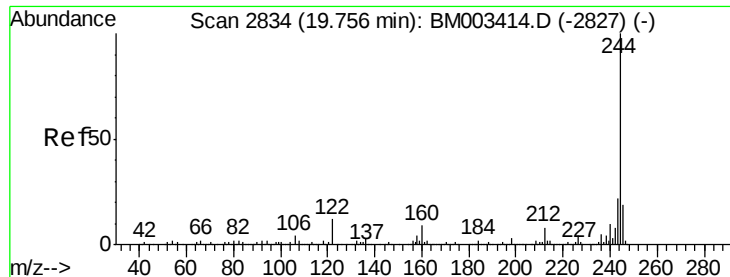


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.77 ng

RT: 19.76 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM003476.D

Acq: 11 Dec 2015 05:22

Instrument :

BNA_M

ClientSampled :

SB5A(9-10)

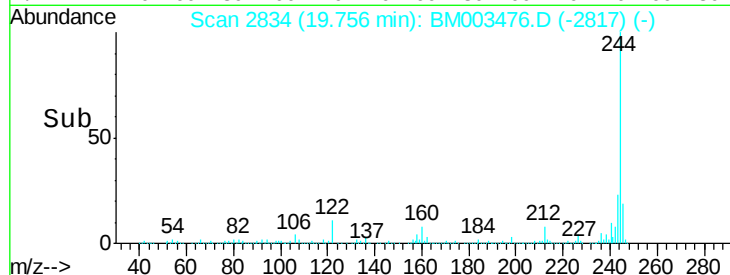
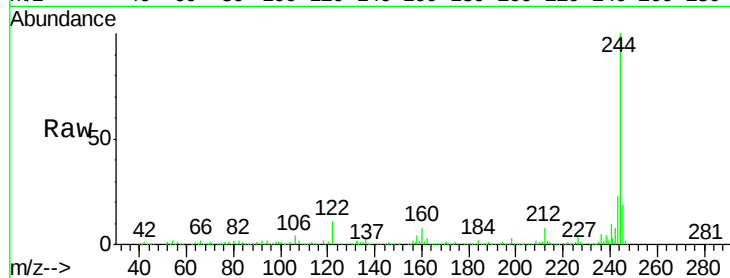
Tot Ion:244 Resp: 1120126

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

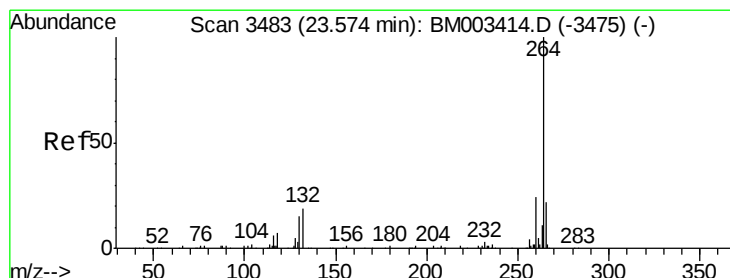
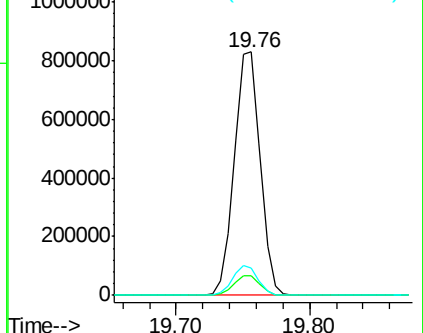
122 11.1 6.2 9.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM003476.D

Acq: 11 Dec 2015 05:22

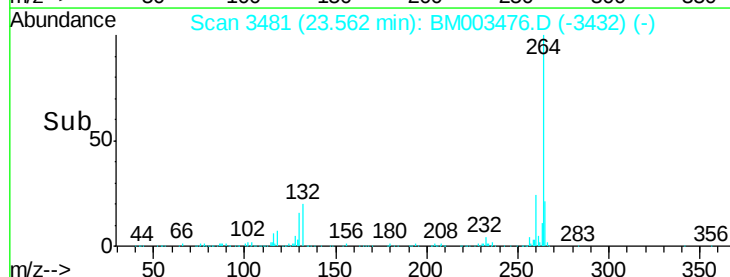
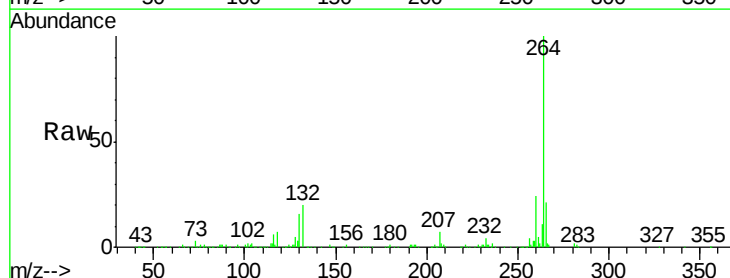
Tgt Ion:264 Resp: 370891

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 21.3 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

