

Data Path : S:\HPCHEM1\BNA_M\DATA\BM022916\
 Data File : BM004487.D
 Acq On : 01 Mar 2016 02:00
 Operator : SJ/UM
 Sample : H1509-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-1

Quant Time: Mar 01 07:43:46 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 00:52:28 2016
 Response via : Initial Calibration

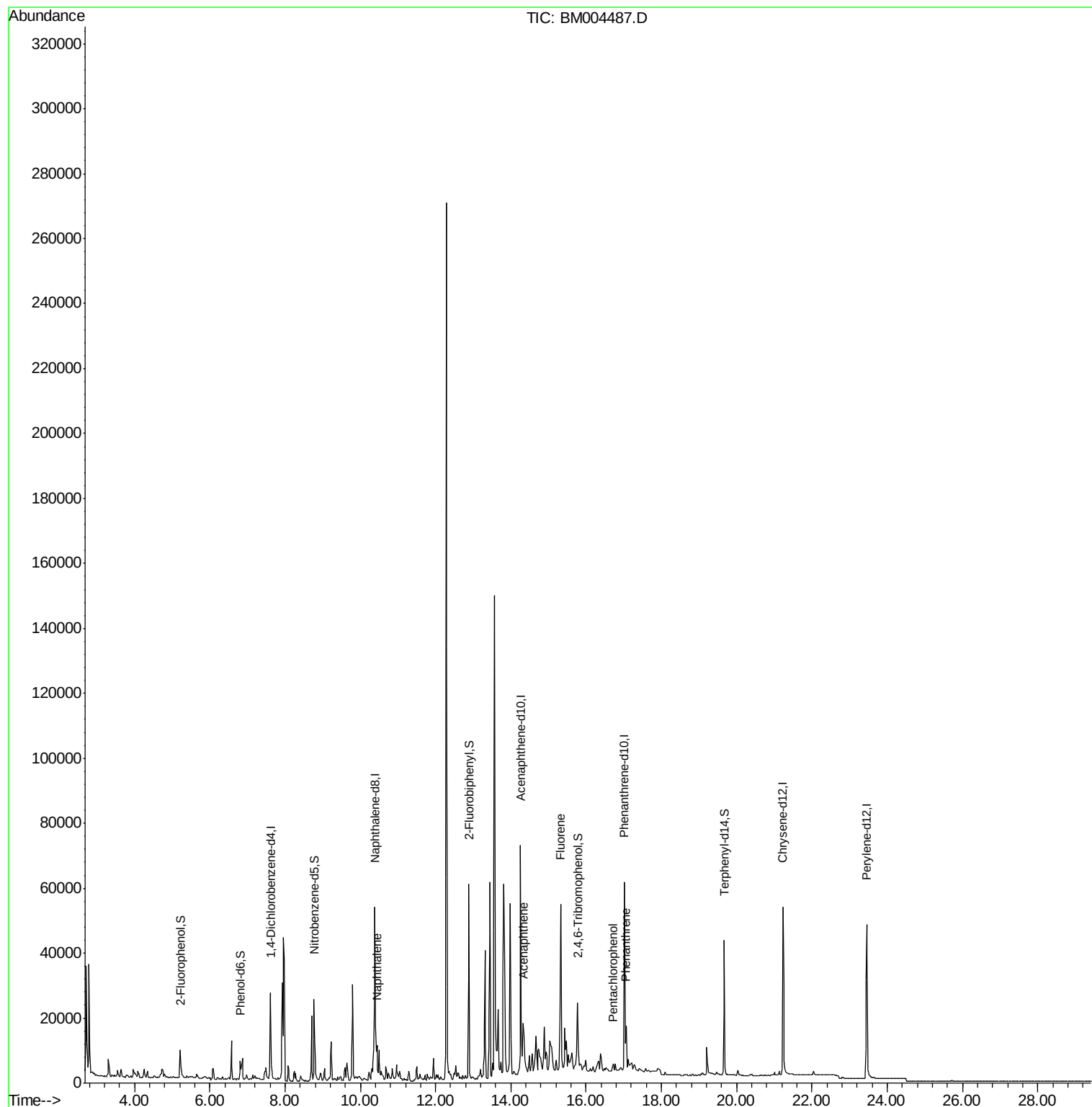
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	18400	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	73645	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	39351	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	82344	5.00	ng	0.00
26) Chrysene-d12	21.23	240	70851	5.00	ng	-0.01
35) Perylene-d12	23.45	264	67529	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	13062	3.05	ng	0.00
5) Phenol-d6	6.81	99	9122	1.89	ng	0.00
8) Nitrobenzene-d5	8.77	82	17432	4.65	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	13870	9.17	ng	-0.03
15) 2-Fluorobiphenyl	12.88	172	57972	4.81	ng	0.00
29) Terphenyl-d14	19.67	244	50172	5.50	ng	0.00
Target Compounds						Qvalue
10) Naphthalene	10.44	128	11884	0.55	ng	# 51
17) Acenaphthene	14.33	154	10597	0.72	ng	# 65
18) Fluorene	15.33	166	36183	2.01	ng	# 97
22) Pentachlorophenol	16.70	266	1659	1.84	ng	90
23) Phenanthrene	17.06	178	18187	0.68	ng	# 87

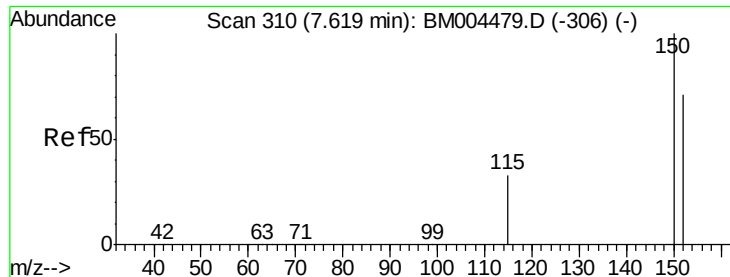
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.62 min Scan# 310

Delta R.T. -0.00 min

Lab File: BM004487.D

Acq: 01 Mar 2016 02:00

Instrument :

BNA_M

ClientSampleId :

MW-1

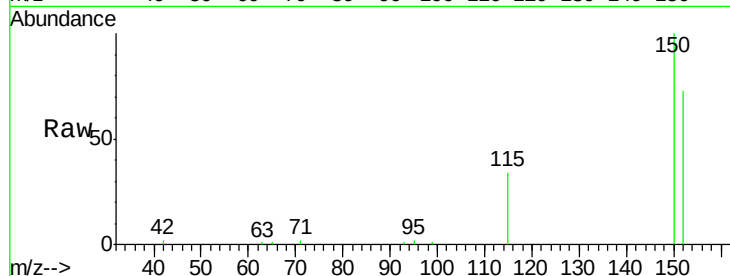
Tgt Ion:152 Resp: 18400

Ion Ratio Lower Upper

152 100

150 136.3 111.9 167.9

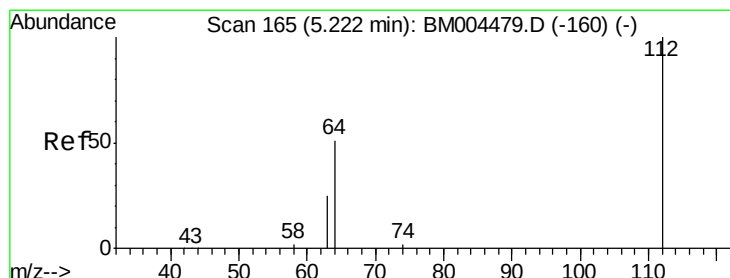
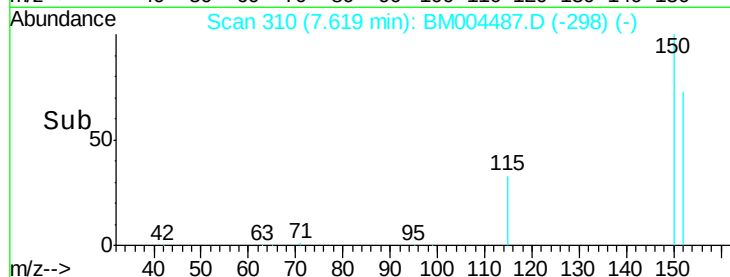
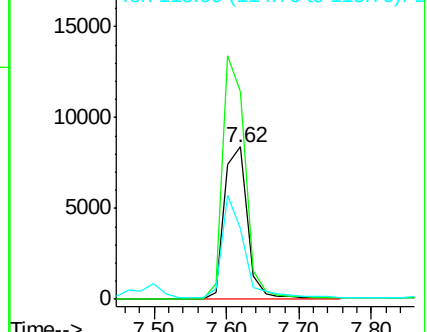
115 46.3 37.7 56.5



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



#4

2-Fluorophenol

Concen: 3.05 ng

RT: 5.22 min Scan# 165

Delta R.T. -0.00 min

Lab File: BM004487.D

Acq: 01 Mar 2016 02:00

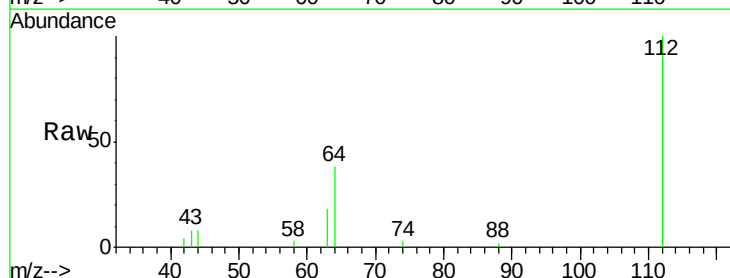
Tgt Ion:112 Resp: 13062

Ion Ratio Lower Upper

112 100

64 48.5 39.6 59.4

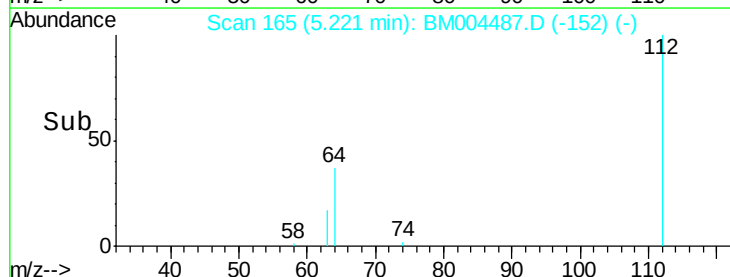
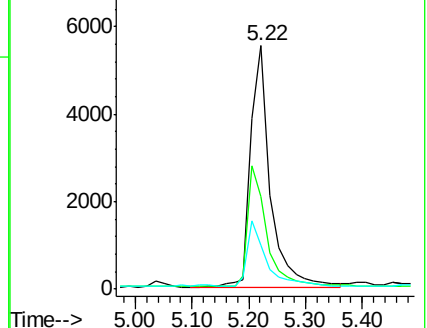
63 26.5 20.0 30.0

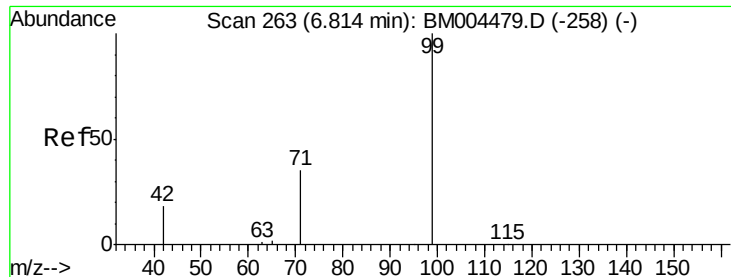


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 1.89 ng

RT: 6.81 min Scan# 263

Delta R.T. -0.00 min

Lab File: BM004487.D

Acq: 01 Mar 2016 02:00

Instrument :

BNA_M

ClientSampleId :

MW-1

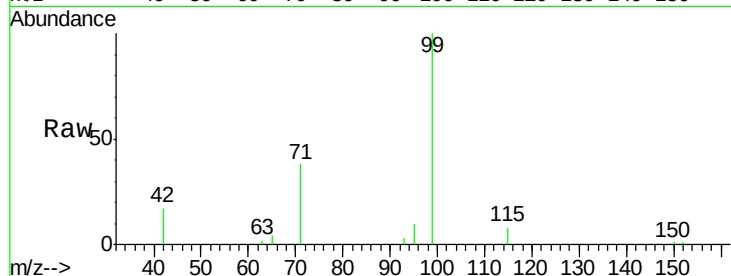
Tgt Ion: 99 Resp: 9122

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

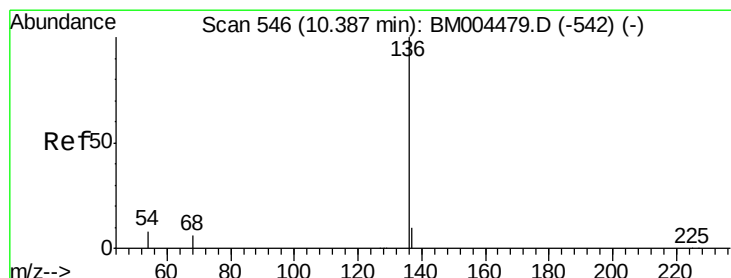
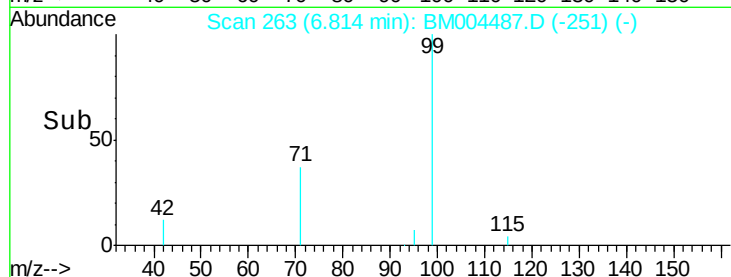
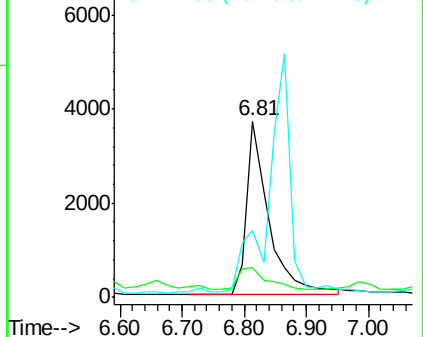
71 0.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM004487.D (-258) (-)

Ion 42.00 (41.70 to 42.70): BM004487.D (-258) (-)

Ion 71.00 (70.70 to 71.70): BM004487.D (-258) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. 0.00 min

Lab File: BM004487.D

Acq: 01 Mar 2016 02:00

Tgt Ion: 136 Resp: 73645

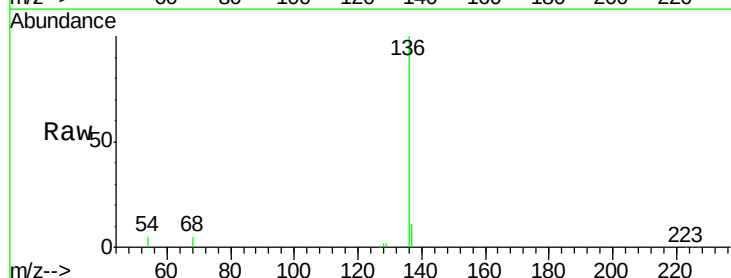
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.2

54 5.5 6.4 9.6#

68 4.7 5.0 7.4#

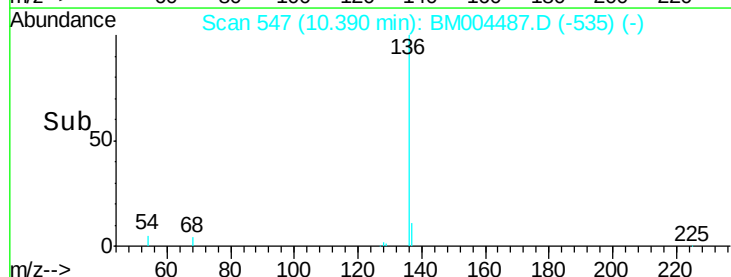
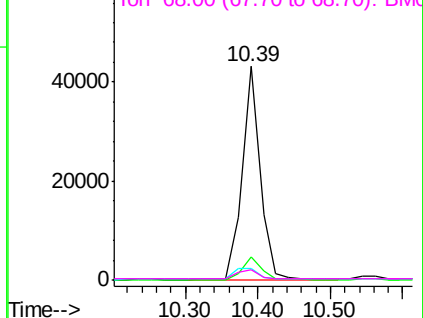


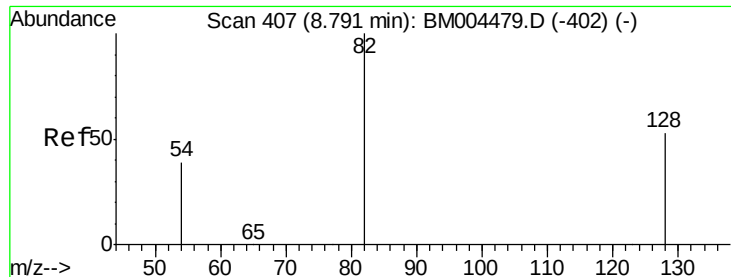
Abundance Ion 136.00 (135.70 to 136.70): BM004487.D (-535) (-)

Ion 137.00 (136.70 to 137.70): BM004487.D (-535) (-)

Ion 54.00 (53.70 to 54.70): BM004487.D (-535) (-)

Ion 68.00 (67.70 to 68.70): BM004487.D (-535) (-)





#8

Nitrobenzene-d5

Concen: 4.65 ng

RT: 8.77 min Scan# 406

Delta R.T. -0.02 min

Lab File: BM004487.D

Acq: 01 Mar 2016 02:00

Instrument :

BNA_M

ClientSampled :

MW-1

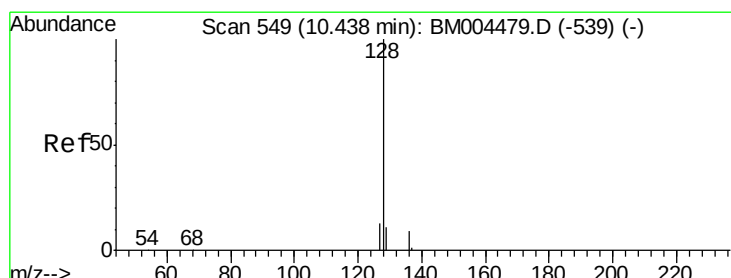
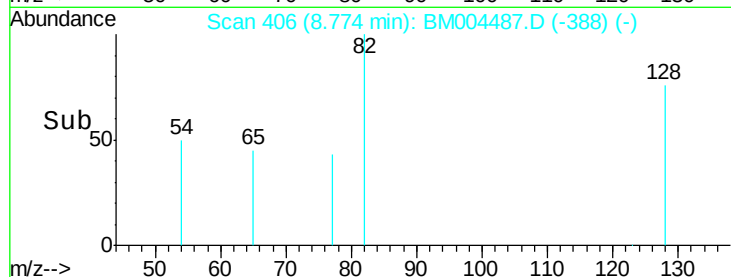
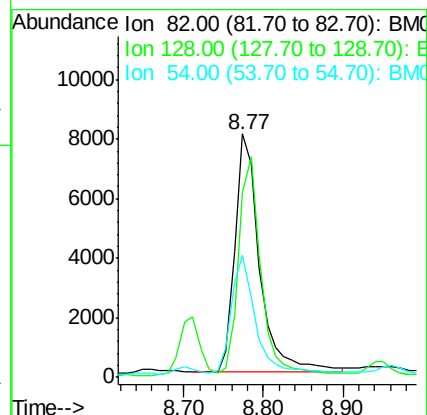
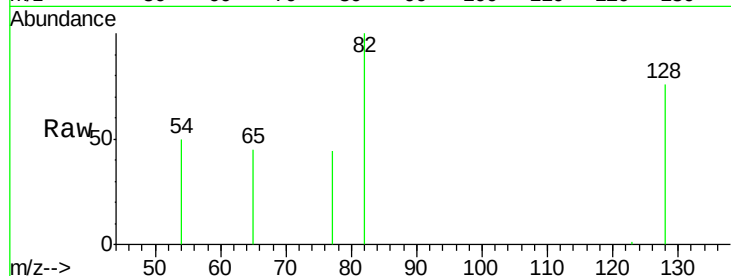
Tgt Ion: 82 Resp: 17432

Ion Ratio Lower Upper

82 100

128 75.8 43.7 65.5#

54 50.1 33.5 50.3



#10

Naphthalene

Concen: 0.55 ng

RT: 10.44 min Scan# 550

Delta R.T. 0.00 min

Lab File: BM004487.D

Acq: 01 Mar 2016 02:00

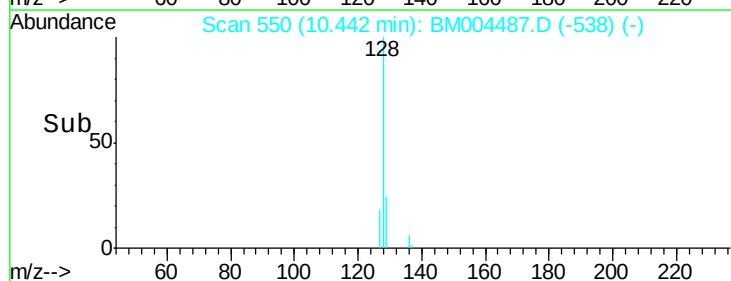
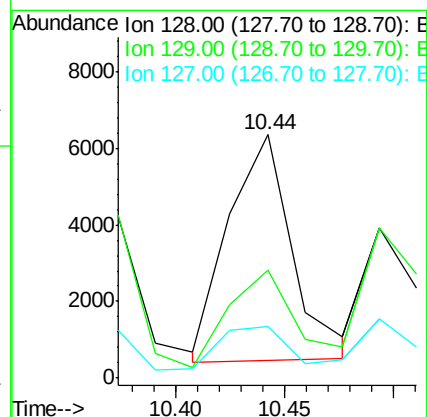
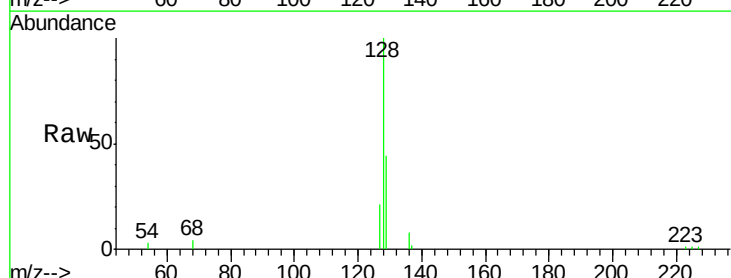
Tgt Ion: 128 Resp: 11884

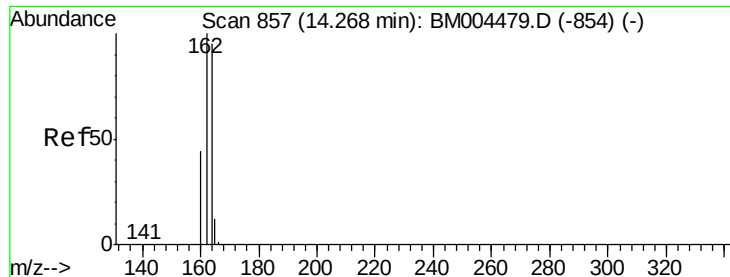
Ion Ratio Lower Upper

128 100

129 44.3 8.9 13.3#

127 21.0 10.9 16.3#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM004487.D

Acq: 01 Mar 2016 02:00

Instrument :

BNA_M

ClientSampleId :

MW-1

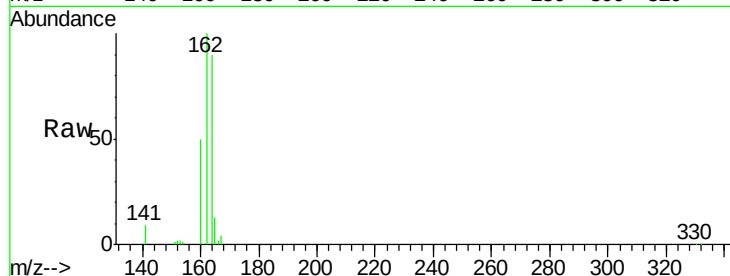
Tgt Ion:164 Resp: 39351

Ion Ratio Lower Upper

164 100

162 111.3 84.2 126.4

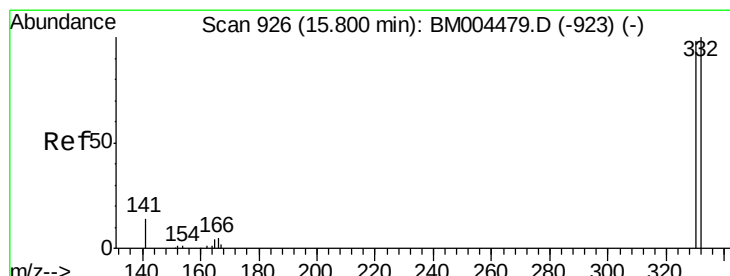
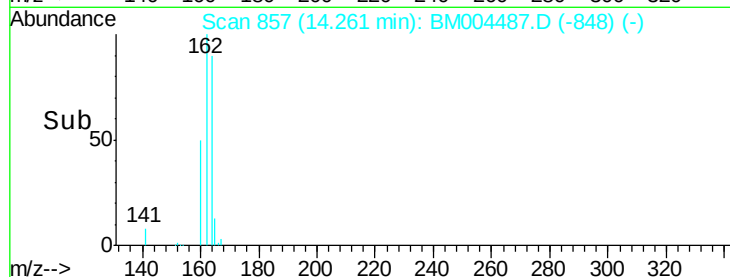
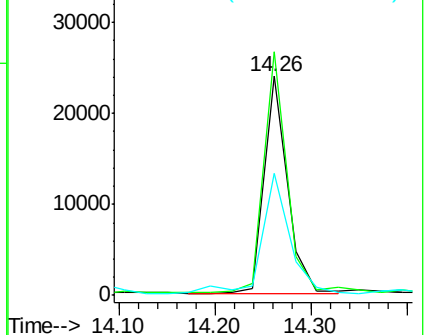
160 55.8 37.4 56.2



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



#14

2,4,6-Tribromophenol

Concen: 9.17 ng

RT: 15.77 min Scan# 925

Delta R.T. -0.03 min

Lab File: BM004487.D

Acq: 01 Mar 2016 02:00

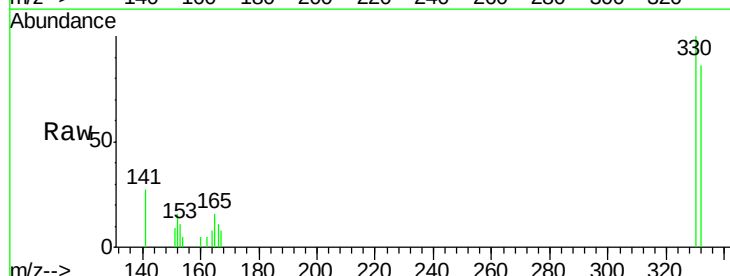
Tgt Ion:330 Resp: 13870

Ion Ratio Lower Upper

330 100

332 93.4 76.1 114.1

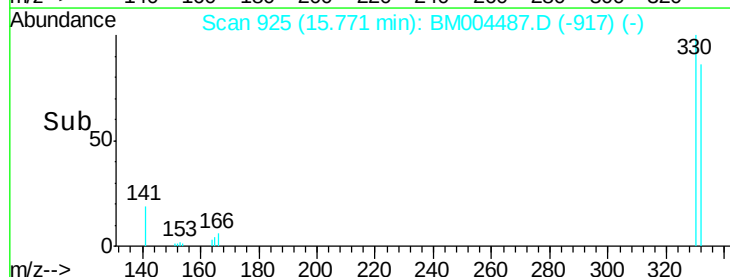
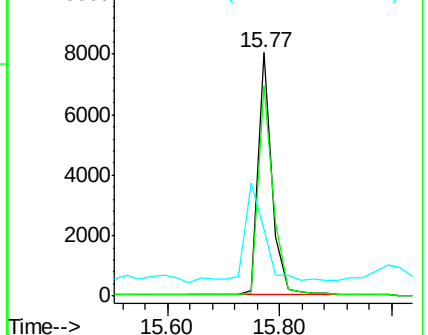
141 0.0 0.0 0.0

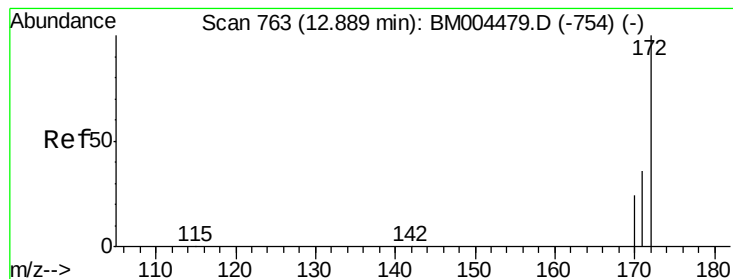


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

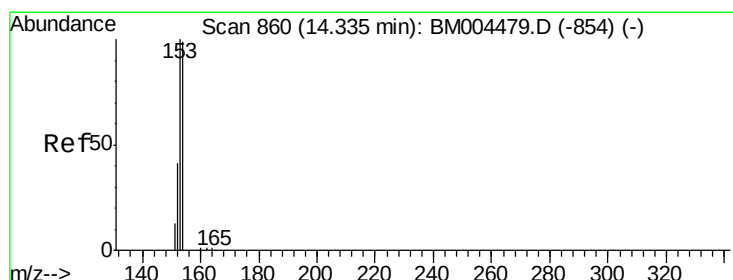
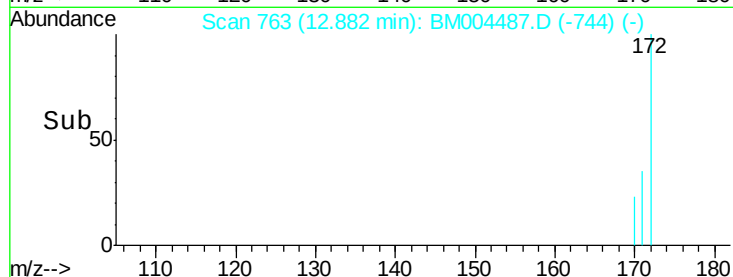
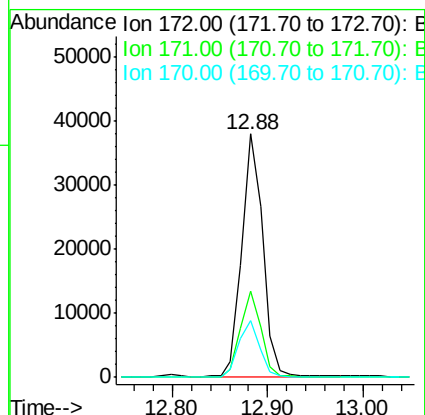
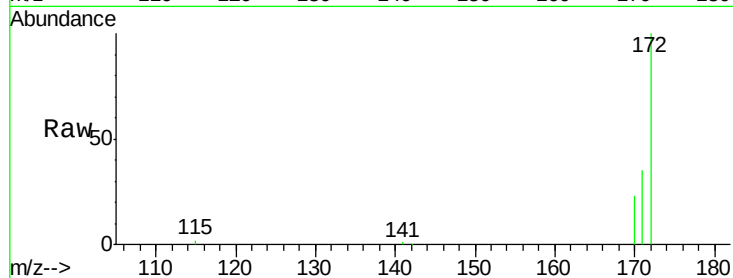




#15
2-Fluorobiphenyl
Concen: 4.81 ng
RT: 12.88 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM004487.D
Acq: 01 Mar 2016 02:00

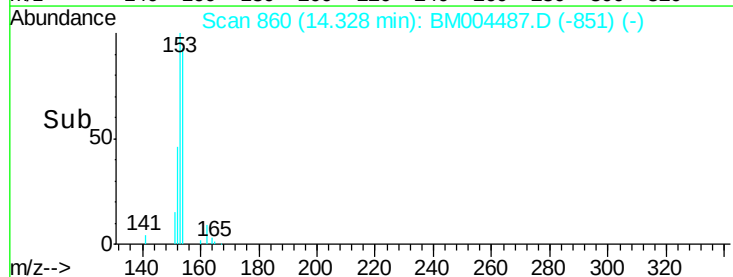
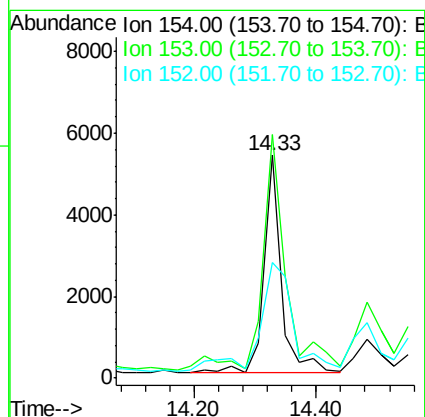
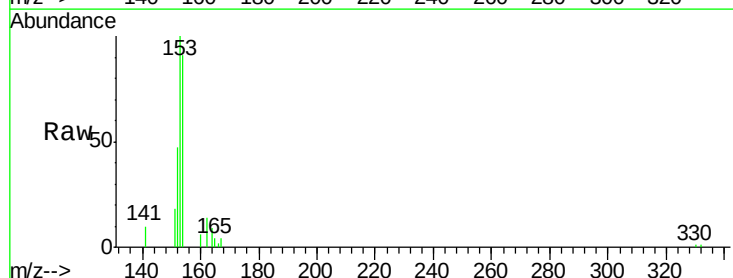
Instrument :
BNA_M
ClientSampleId :
MW-1

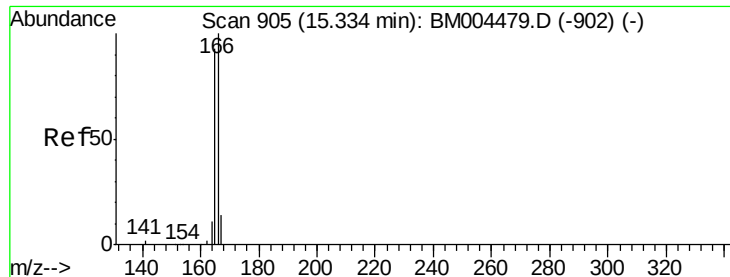
Tgt Ion:172 Resp: 57972
Ion Ratio Lower Upper
172 100
171 35.3 29.2 43.8
170 23.4 19.7 29.5



#17
Acenaphthene
Concen: 0.72 ng
RT: 14.33 min Scan# 860
Delta R.T. -0.01 min
Lab File: BM004487.D
Acq: 01 Mar 2016 02:00

Tgt Ion:154 Resp: 10597
Ion Ratio Lower Upper
154 100
153 132.0 88.0 132.0#
152 96.0 41.1 61.7#

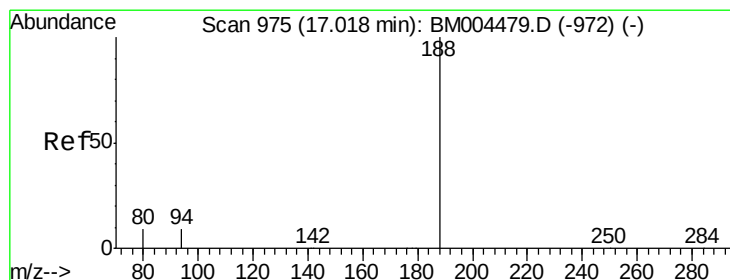
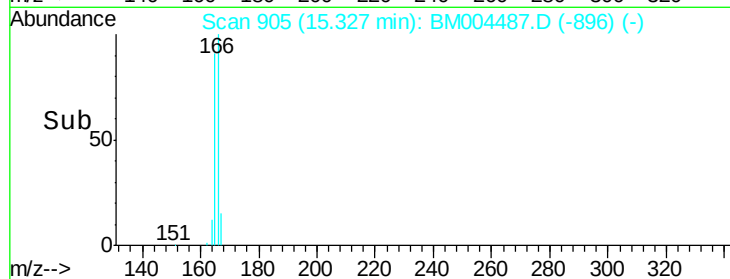
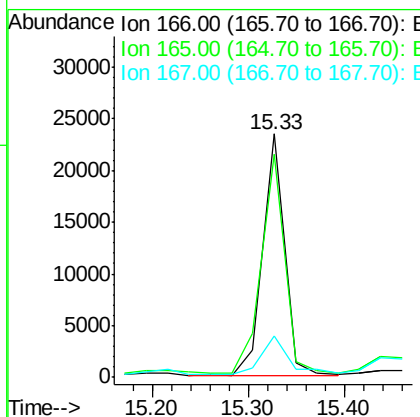
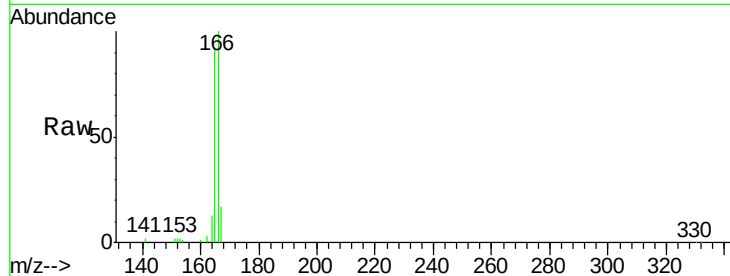




#18
 Fluorene
 Concen: 2.01 ng
 RT: 15.33 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BM004487.D
 Acq: 01 Mar 2016 02:00

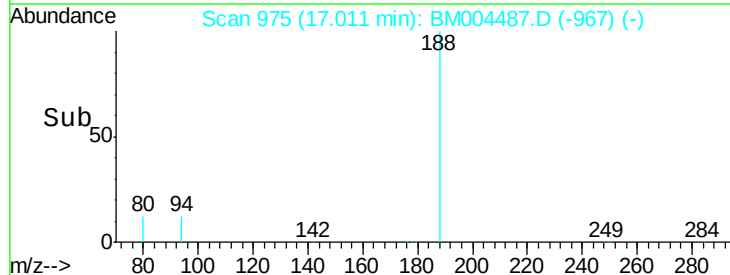
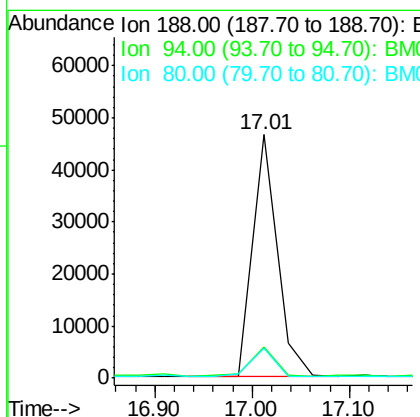
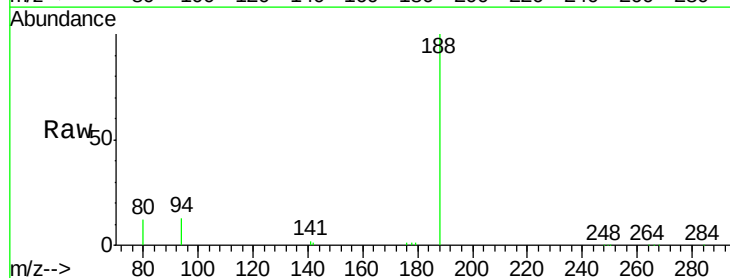
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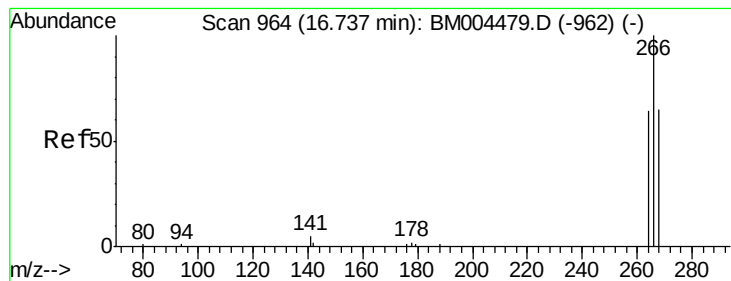
Tgt Ion:166 Resp: 36183
 Ion Ratio Lower Upper
 166 100
 165 98.0 77.2 115.8
 167 19.9 10.9 16.3#



#19
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.01 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BM004487.D
 Acq: 01 Mar 2016 02:00

Tgt Ion:188 Resp: 82344
 Ion Ratio Lower Upper
 188 100
 94 13.0 7.4 11.0#
 80 12.4 6.9 10.3#





#22

Pentachlorophenol

Concen: 1.84 ng

RT: 16.70 min Scan# 963

Delta R.T. -0.03 min

Lab File: BM004487.D

Acq: 01 Mar 2016 02:00

Instrument :

BNA_M

ClientSampleId :

MW-1

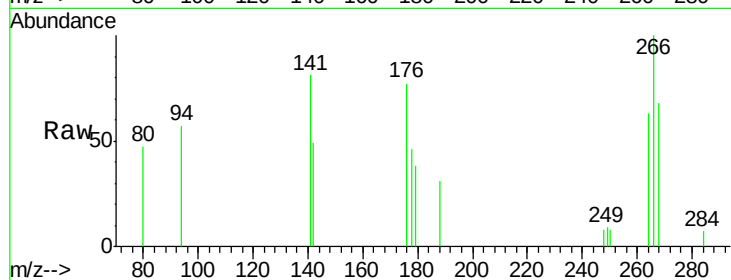
Tgt Ion:266 Resp: 1659

Ion Ratio Lower Upper

266 100

268 68.2 60.7 91.1

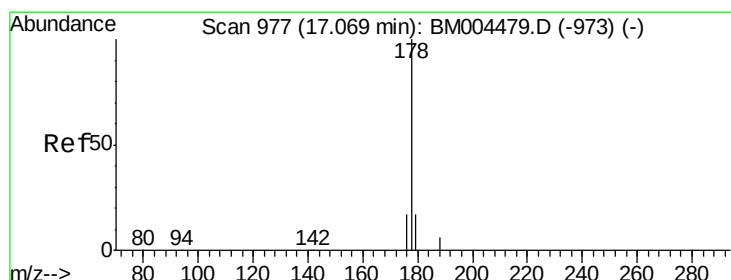
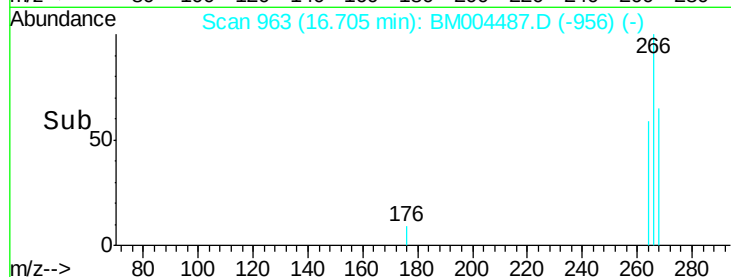
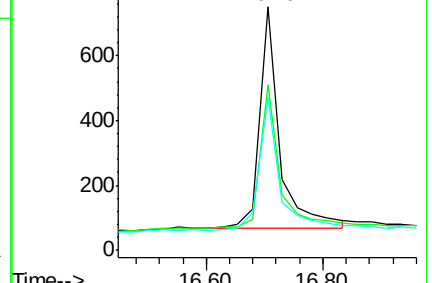
264 62.7 57.1 85.7



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#23

Phenanthrene

Concen: 0.68 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM004487.D

Acq: 01 Mar 2016 02:00

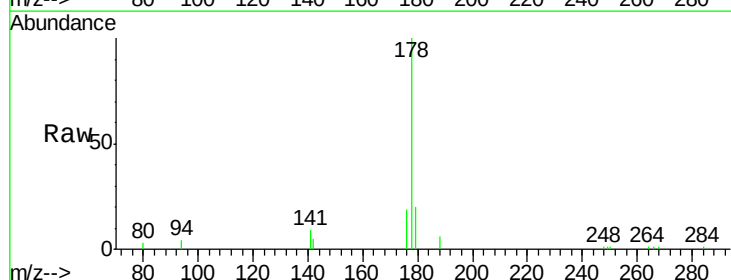
Tgt Ion:178 Resp: 18187

Ion Ratio Lower Upper

178 100

176 20.6 14.7 22.1

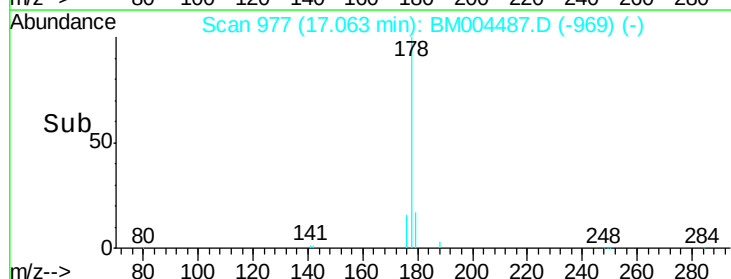
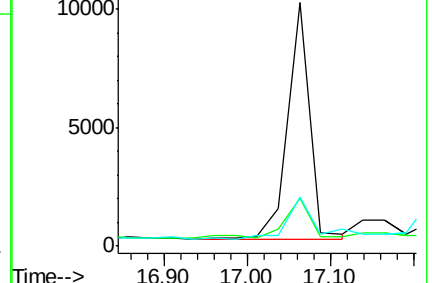
179 25.6 12.9 19.3#

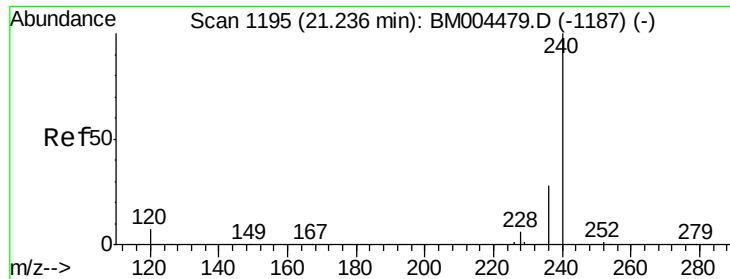


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.23 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BM004487.D

Acq: 01 Mar 2016 02:00

Instrument :

BNA_M

ClientSampleId :

MW-1

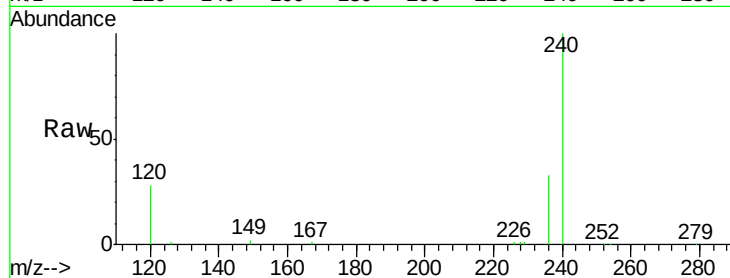
Tgt Ion:240 Resp: 70851

Ion Ratio Lower Upper

240 100

120 28.1 6.1 9.1#

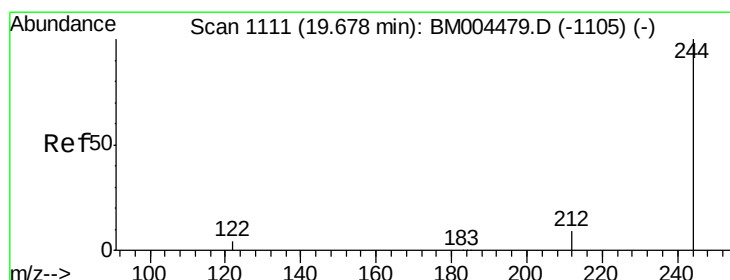
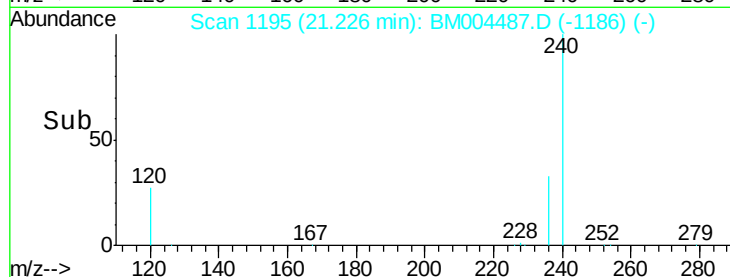
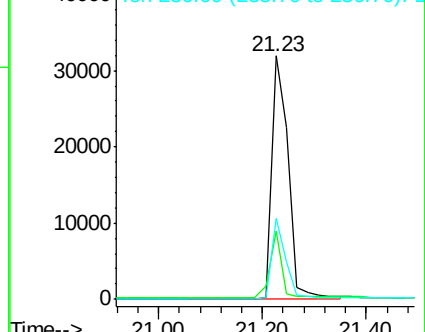
236 33.4 22.6 34.0



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



#29

Terphenyl-d14

Concen: 5.50 ng

RT: 19.67 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM004487.D

Acq: 01 Mar 2016 02:00

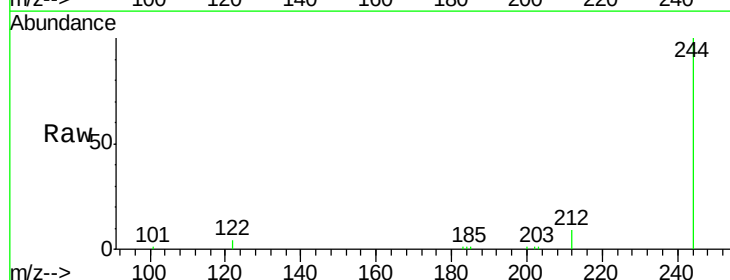
Tgt Ion:244 Resp: 50172

Ion Ratio Lower Upper

244 100

212 9.3 7.5 11.3

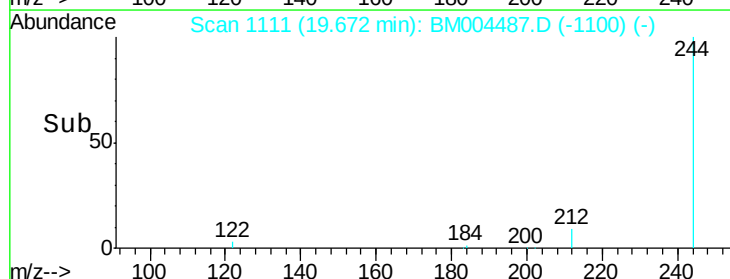
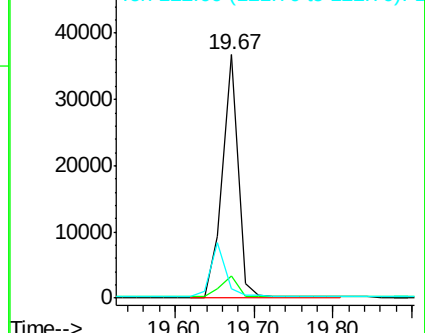
122 3.7 4.2 6.2#

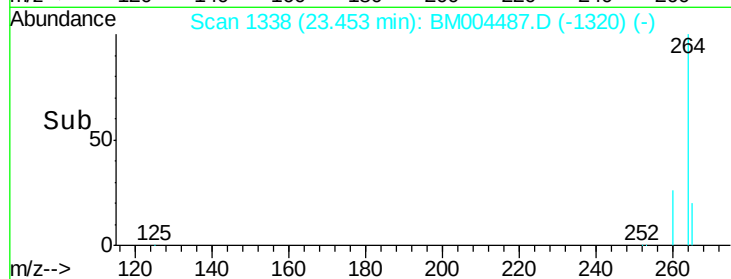
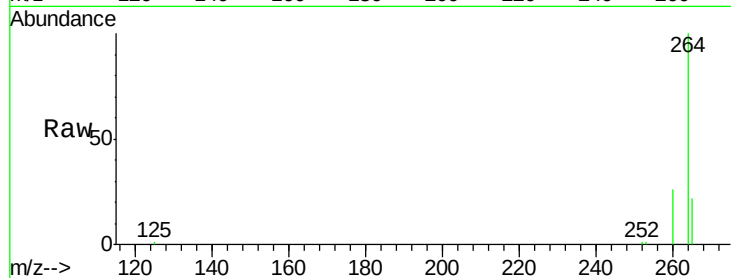
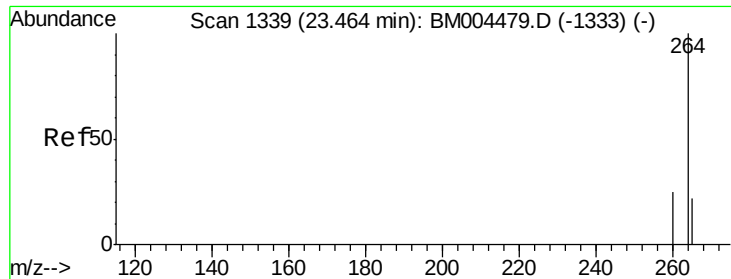


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Perylene-d12

Concen: 5.00 ng

RT: 23.45 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BM004487.D

Acq: 01 Mar 2016 02:00

Instrument :

BNA_M

ClientSampleId :

MW-1

Tgt Ion: 264 Resp: 67529

Ion Ratio Lower Upper

264 100

260 25.7 19.8 29.6

265 22.1 18.9 28.3

