

Data Path : S:\HPCHEM1\BNA_M\DATA\BM022916\
 Data File : BM004489.D
 Acq On : 01 Mar 2016 03:12
 Operator : SJ/UM
 Sample : H1509-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-4

Quant Time: Mar 01 07:45:33 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

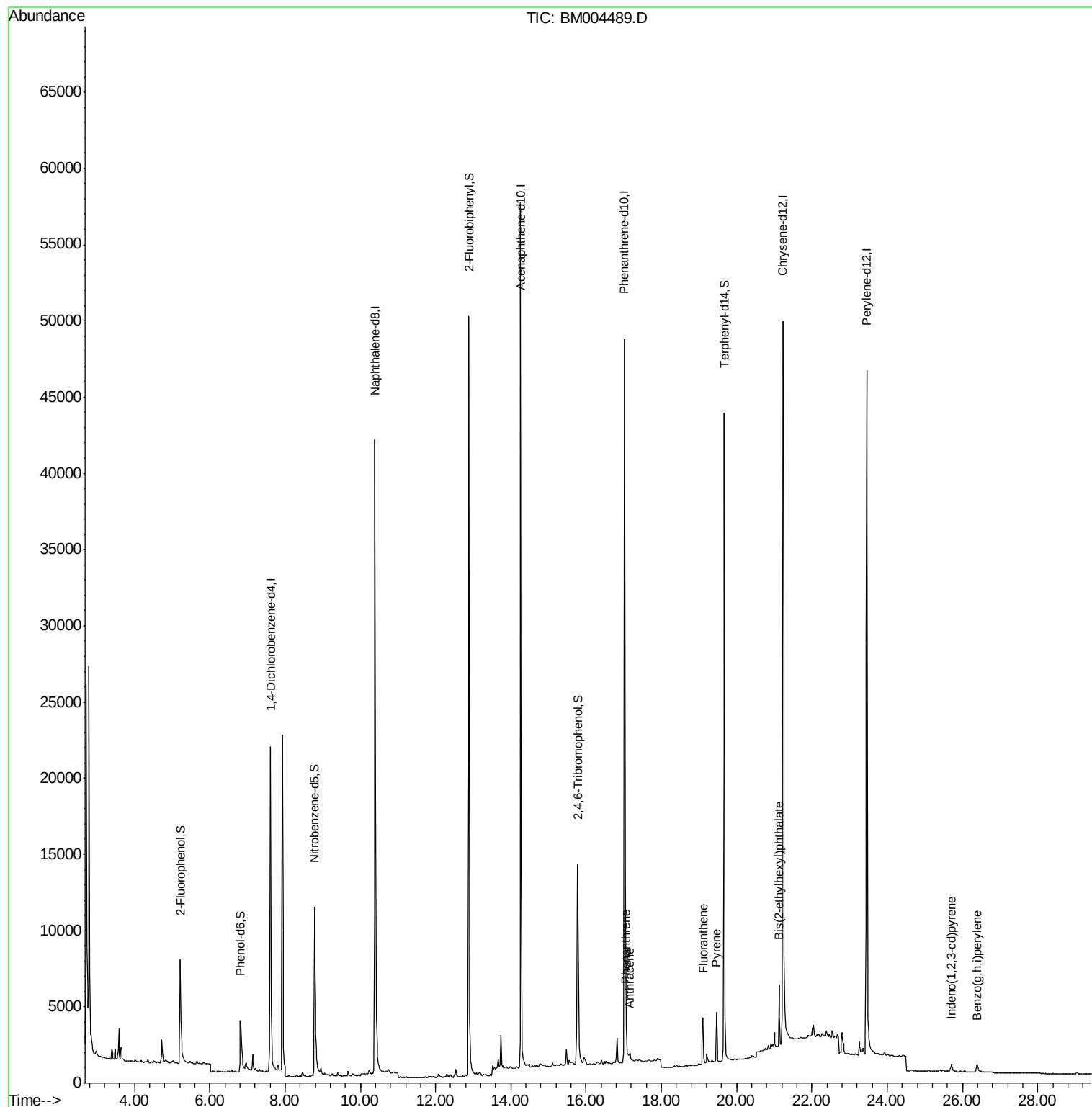
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	15960	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	64985	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	35569	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	75927	5.00	ng	0.00
26) Chrysene-d12	21.23	240	65313	5.00	ng	-0.01
35) Perylene-d12	23.45	264	62833	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	10015	2.70	ng	0.00
5) Phenol-d6	6.81	99	7261	1.73	ng	0.00
8) Nitrobenzene-d5	8.78	82	14510	4.39	ng	0.00
14) 2,4,6-Tribromophenol	15.77	330	11848	8.67	ng	-0.03
15) 2-Fluorobiphenyl	12.88	172	53787	4.94	ng	0.00
29) Terphenyl-d14	19.67	244	52281	6.22	ng	0.00
Target Compounds						Qvalue
23) Phenanthrene	17.06	178	1656	0.08	ng	# 79
24) Anthracene	17.16	178	629	0.03	ng	# 93
25) Fluoranthene	19.11	202	3479	0.12	ng	# 93
28) Pyrene	19.47	202	3320	0.13	ng	# 98
33) Bis(2-ethylhexyl)phthalate	21.12	149	6014	0.32	ng	# 91
34) Indeno(1,2,3-cd)pyrene	25.70	276	886	0.04	ng	# 95
40) Benzo(g,h,i)perylene	26.39	276	1131	0.05	ng	# 53

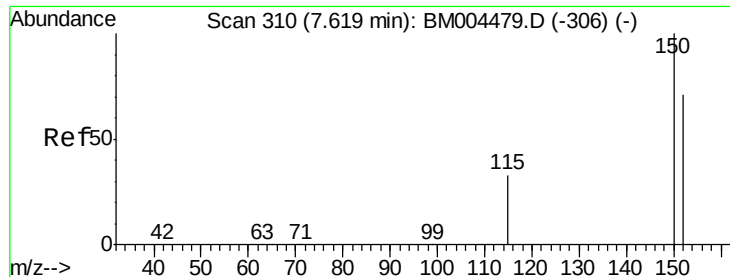
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : S:\HPCHEM1\BNA_M\DATA\BM022916\
Data File : BM004489.D
Acq On : 01 Mar 2016 03:12
Operator : SJ/UM
Sample : H1509-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-4

Quant Time: Mar 01 07:45:33 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.62 min Scan# 310

Delta R.T. -0.00 min

Lab File: BM004489.D

Acq: 01 Mar 2016 03:12

Instrument :

BNA_M

ClientSampleId :

MW-4

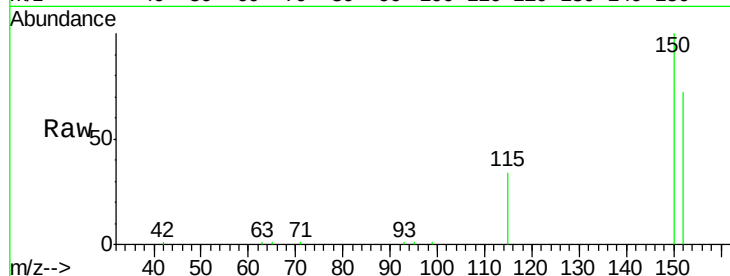
Tgt Ion:152 Resp: 15960

Ion Ratio Lower Upper

152 100

150 139.2 111.9 167.9

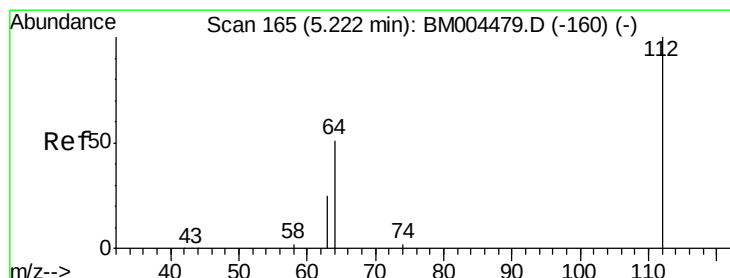
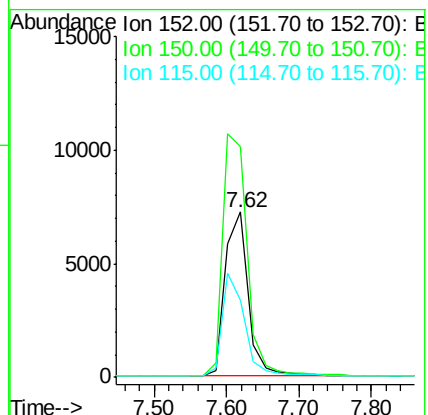
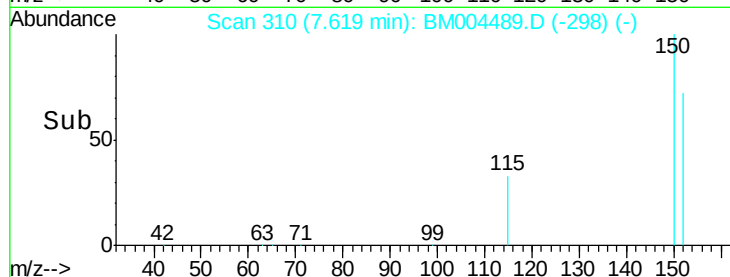
115 46.8 37.7 56.5



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: 2.70 ng

RT: 5.22 min Scan# 165

Delta R.T. -0.00 min

Lab File: BM004489.D

Acq: 01 Mar 2016 03:12

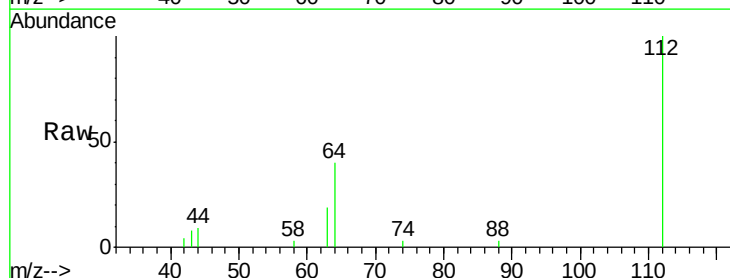
Tgt Ion:112 Resp: 10015

Ion Ratio Lower Upper

112 100

64 49.4 39.6 59.4

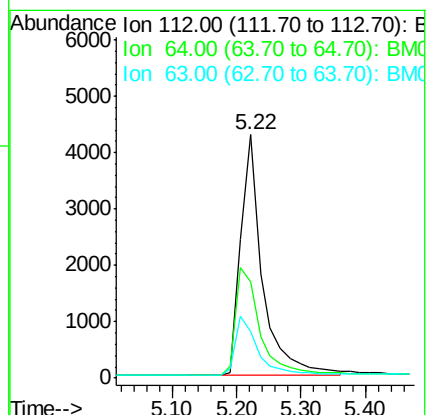
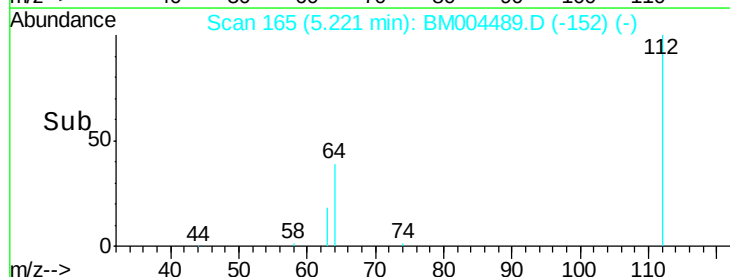
63 25.0 20.0 30.0

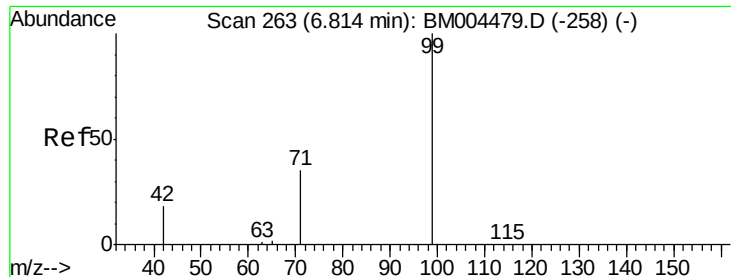


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 1.73 ng

RT: 6.81 min Scan# 263

Delta R.T. -0.00 min

Lab File: BM004489.D

Acq: 01 Mar 2016 03:12

Instrument :

BNA_M

ClientSampleId :

MW-4

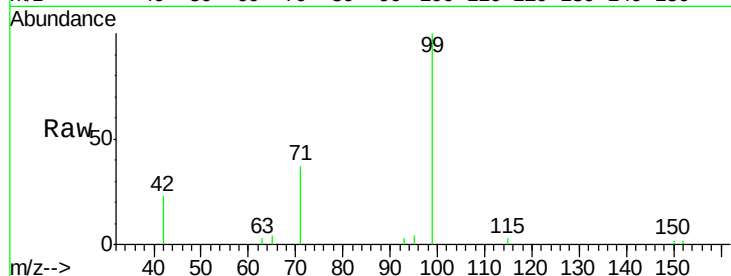
Tgt Ion: 99 Resp: 7261

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.2

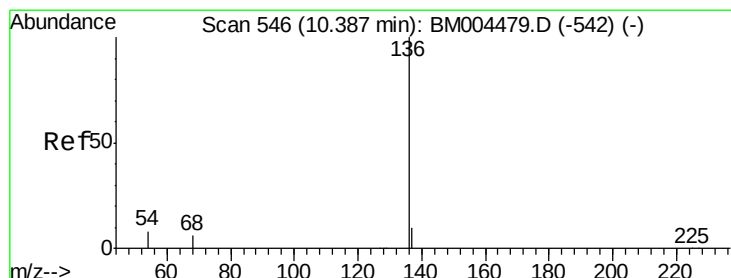
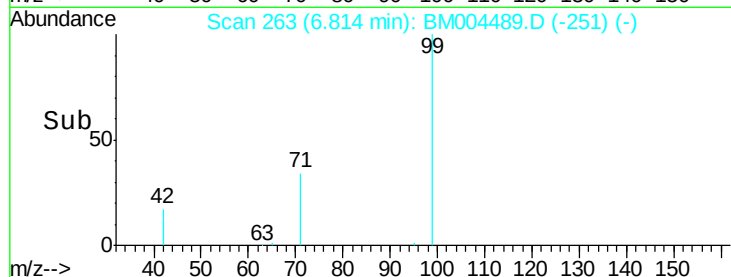
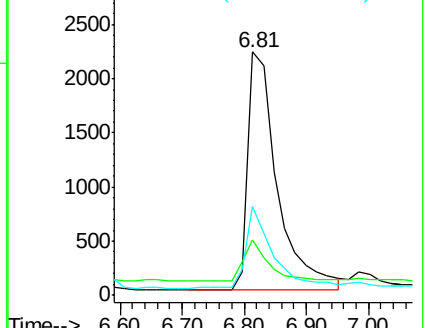
71 32.2 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM004479.D (-258) (-)

Ion 42.00 (41.70 to 42.70): BM004479.D (-258) (-)

Ion 71.00 (70.70 to 71.70): BM004479.D (-258) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. 0.00 min

Lab File: BM004489.D

Acq: 01 Mar 2016 03:12

Tgt Ion: 136 Resp: 64985

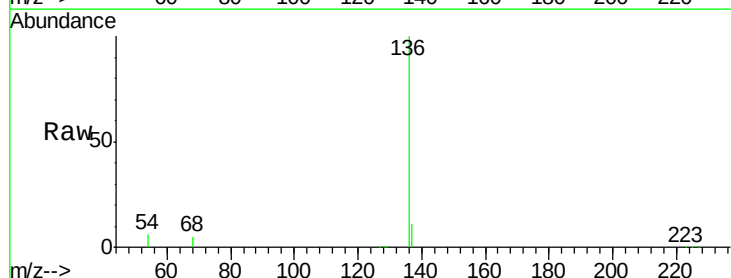
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.2

54 5.9 6.4 9.6#

68 4.8 5.0 7.4#

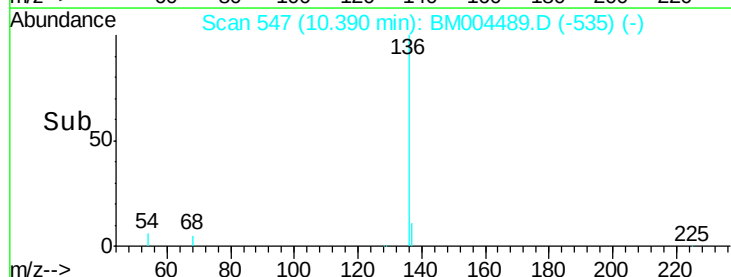
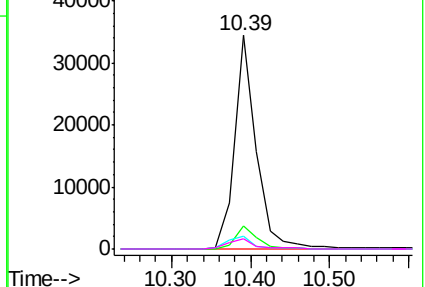


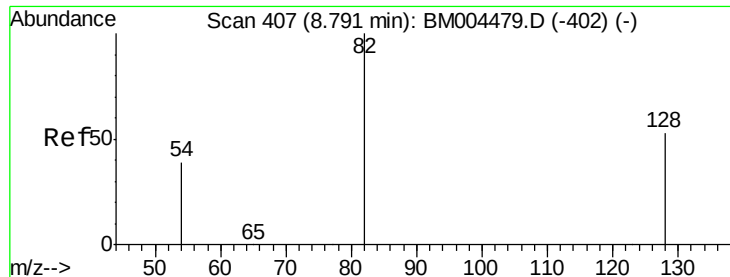
Abundance Ion 136.00 (135.70 to 136.70): BM004479.D (-542) (-)

Ion 137.00 (136.70 to 137.70): BM004479.D (-542) (-)

Ion 54.00 (53.70 to 54.70): BM004479.D (-542) (-)

Ion 68.00 (67.70 to 68.70): BM004479.D (-542) (-)





#8

Nitrobenzene-d5

Concen: 4.39 ng

RT: 8.78 min Scan# 407

Delta R.T. -0.01 min

Lab File: BM004489.D

Acq: 01 Mar 2016 03:12

Instrument :

BNA_M

ClientSampleId :

MW-4

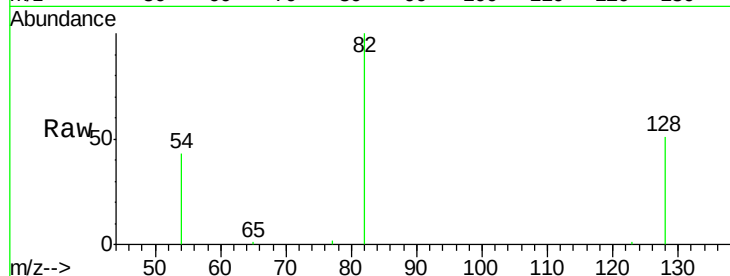
Tgt Ion: 82 Resp: 14510

Ion Ratio Lower Upper

82 100

128 51.4 43.7 65.5

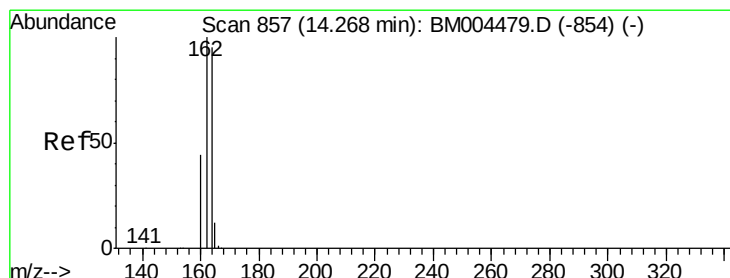
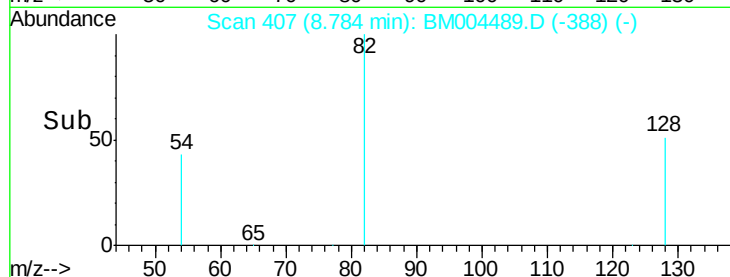
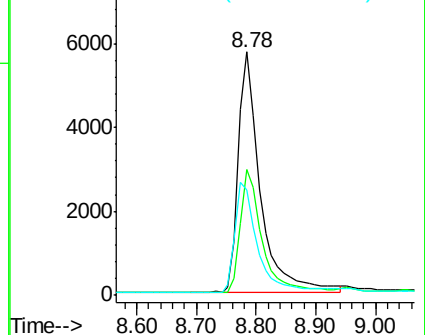
54 43.4 33.5 50.3



Abundance Ion 82.00 (81.70 to 82.70): BM004479.D (-402) (-)

Ion 128.00 (127.70 to 128.70): BM004479.D (-402) (-)

Ion 54.00 (53.70 to 54.70): BM004479.D (-402) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM004489.D

Acq: 01 Mar 2016 03:12

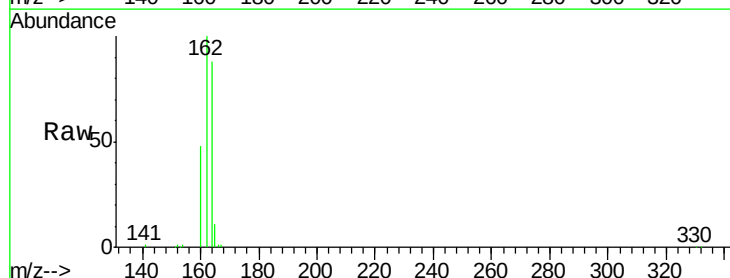
Tgt Ion: 164 Resp: 35569

Ion Ratio Lower Upper

164 100

162 113.7 84.2 126.4

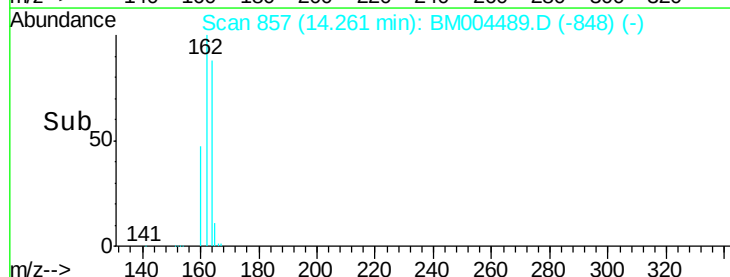
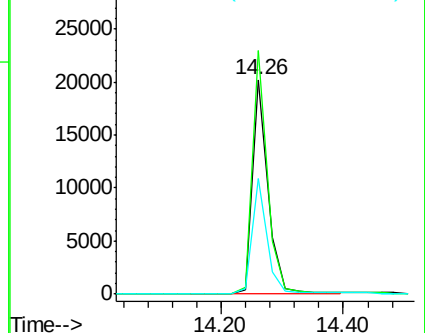
160 54.1 37.4 56.2

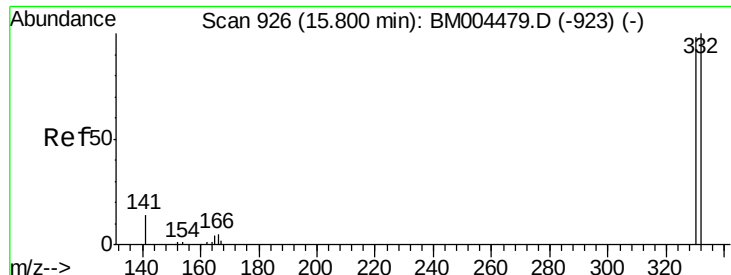


Abundance Ion 164.00 (163.70 to 164.70): BM004479.D (-854) (-)

Ion 162.00 (161.70 to 162.70): BM004479.D (-854) (-)

Ion 160.00 (159.70 to 160.70): BM004479.D (-854) (-)

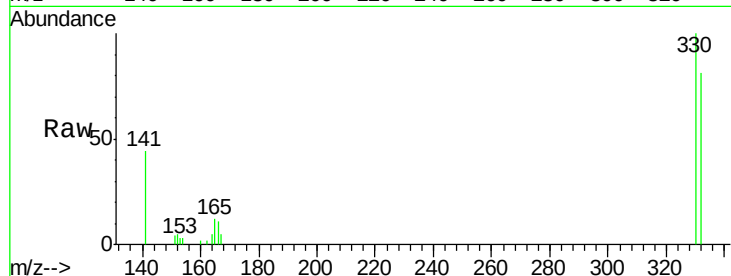




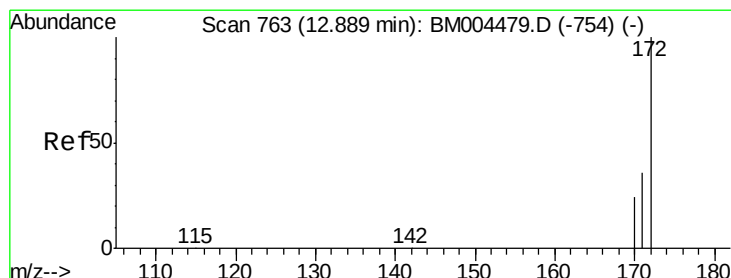
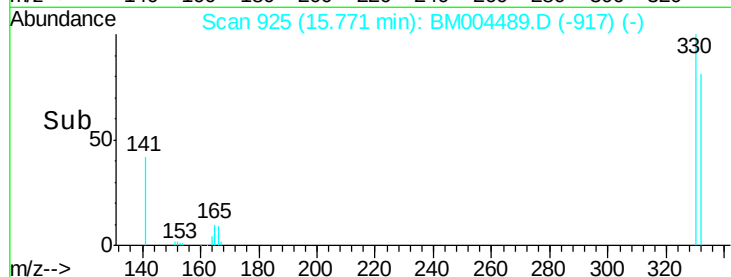
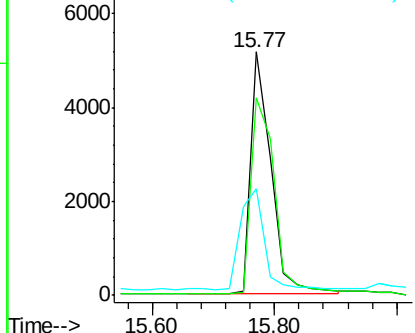
#14
 2,4,6-Tribromophenol
 Concen: 8.67 ng
 RT: 15.77 min Scan# 925
 Delta R.T. -0.03 min
 Lab File: BM004489.D
 Acq: 01 Mar 2016 03:12

Instrument :
 BNA_M
 ClientSampleId :
 MW-4

Tgt Ion:330 Resp: 11848
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.1 114.1
 141 50.4 0.0 0.0#

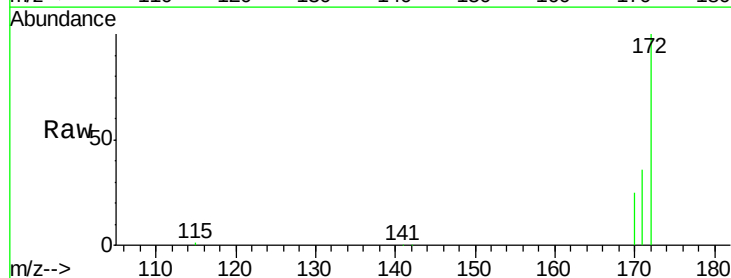


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

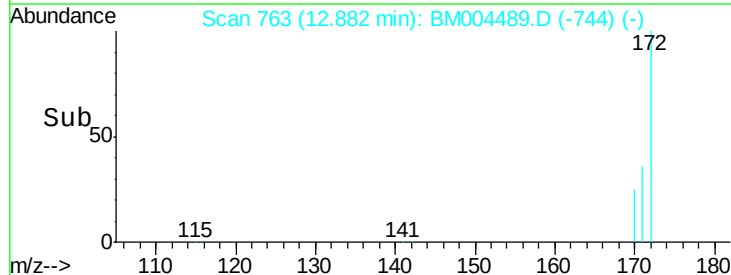
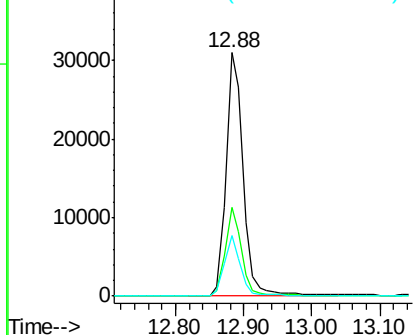


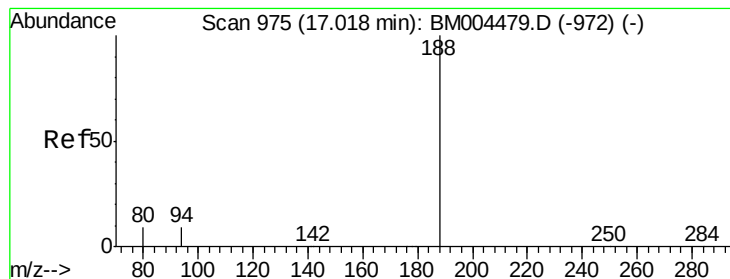
#15
 2-Fluorobiphenyl
 Concen: 4.94 ng
 RT: 12.88 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BM004489.D
 Acq: 01 Mar 2016 03:12

Tgt Ion:172 Resp: 53787
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 24.7 19.7 29.5



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





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 975

Delta R.T. -0.01 min

Lab File: BM004489.D

Acq: 01 Mar 2016 03:12

Instrument :

BNA_M

ClientSampleId :

MW-4

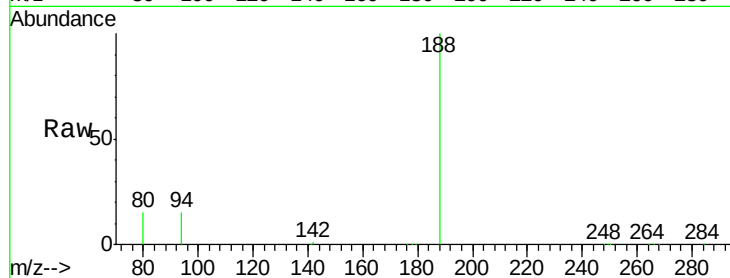
Tgt Ion:188 Resp: 75927

Ion Ratio Lower Upper

188 100

94 14.9 7.4 11.0#

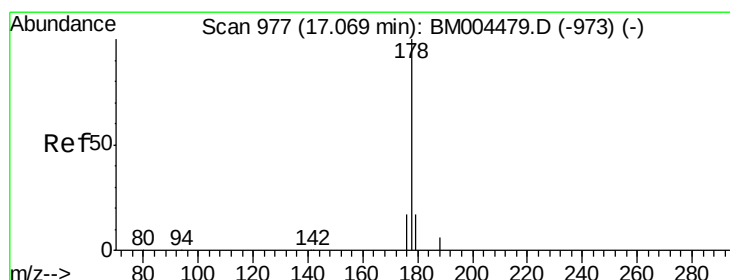
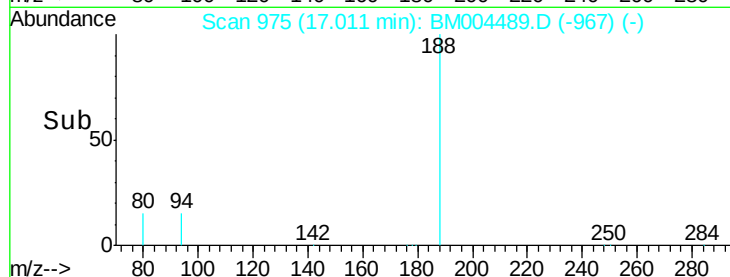
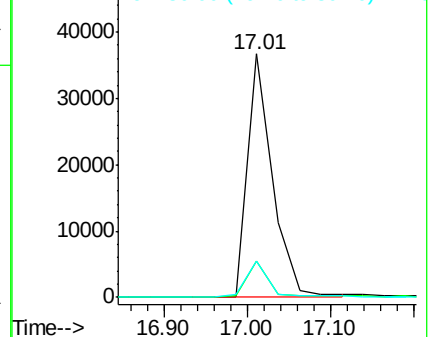
80 14.9 6.9 10.3#



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



#23

Phenanthrene

Concen: 0.08 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM004489.D

Acq: 01 Mar 2016 03:12

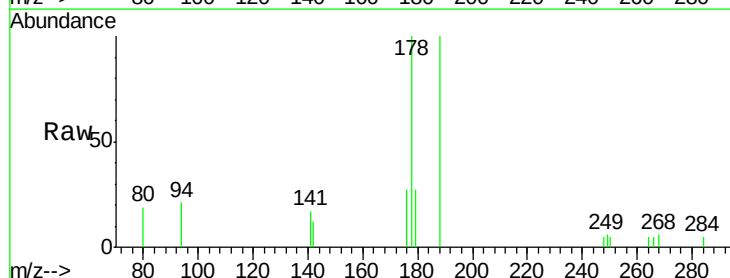
Tgt Ion:178 Resp: 1656

Ion Ratio Lower Upper

178 100

176 22.3 14.7 22.1#

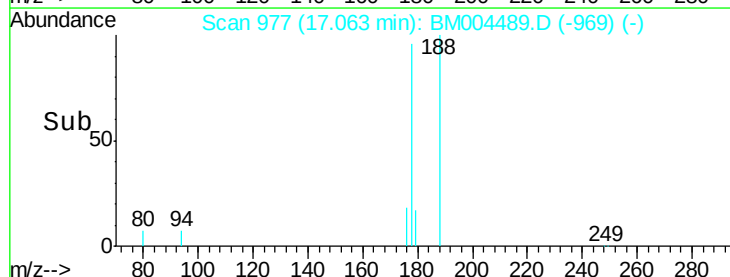
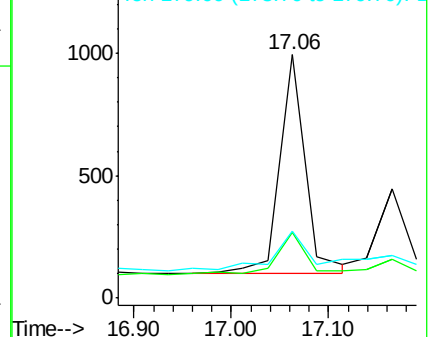
179 31.3 12.9 19.3#

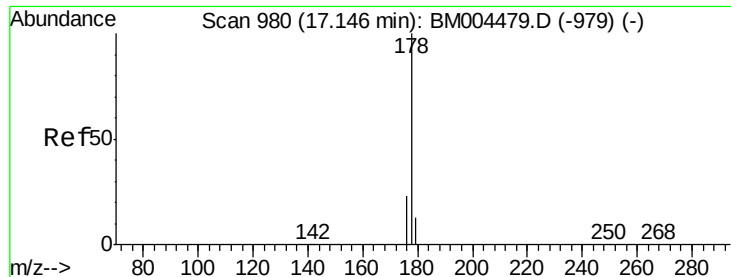


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.03 ng

RT: 17.16 min Scan# 981

Delta R.T. 0.02 min

Lab File: BM004489.D

Acq: 01 Mar 2016 03:12

Instrument :

BNA_M

ClientSampled :

MW-4

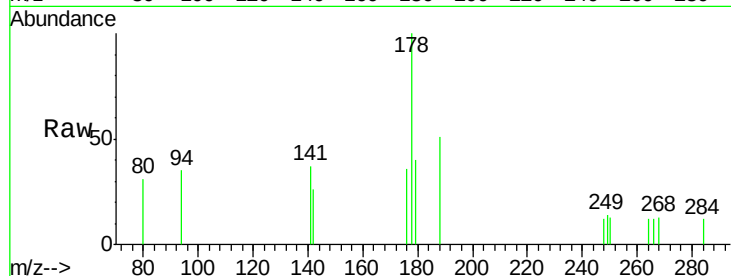
Tgt Ion:178 Resp: 629

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

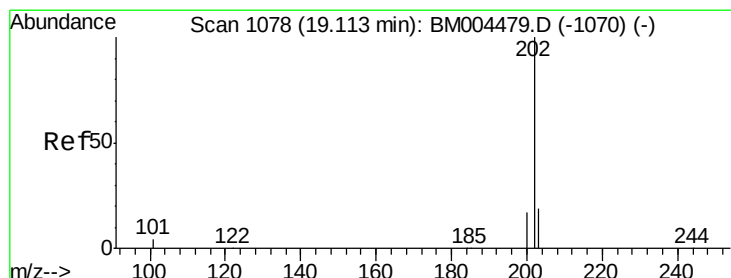
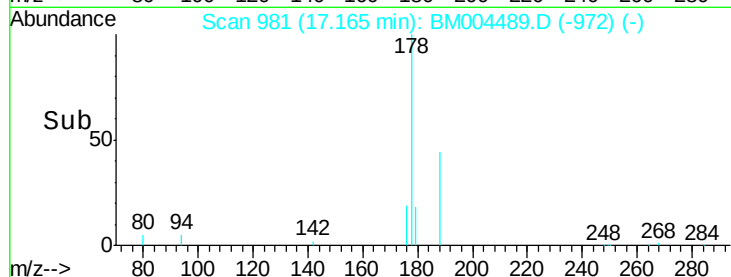
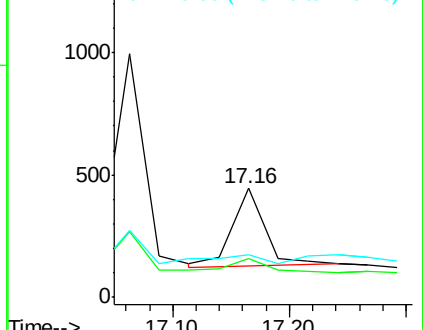
179 10.5 13.6 20.4#



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



#25

Fluoranthene

Concen: 0.12 ng

RT: 19.11 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BM004489.D

Acq: 01 Mar 2016 03:12

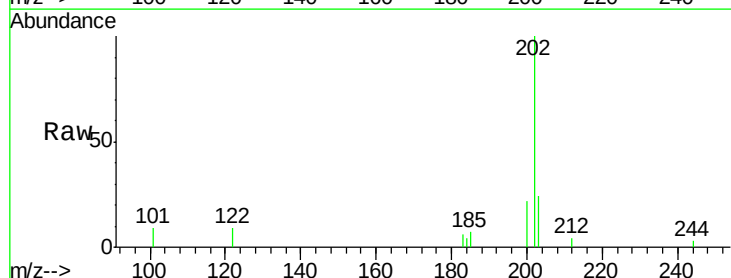
Tgt Ion:202 Resp: 3479

Ion Ratio Lower Upper

202 100

101 15.7 9.4 14.2#

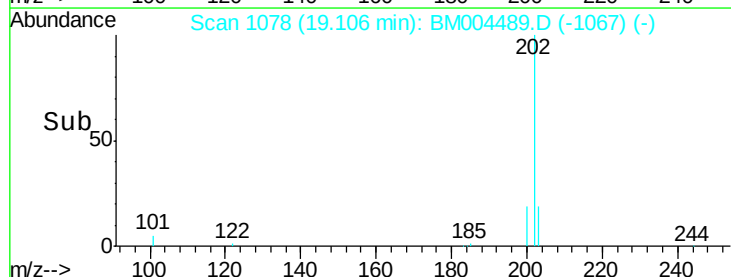
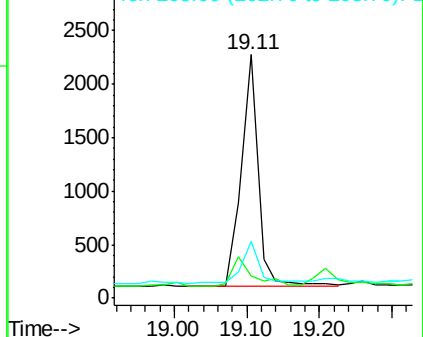
203 19.4 13.9 20.9

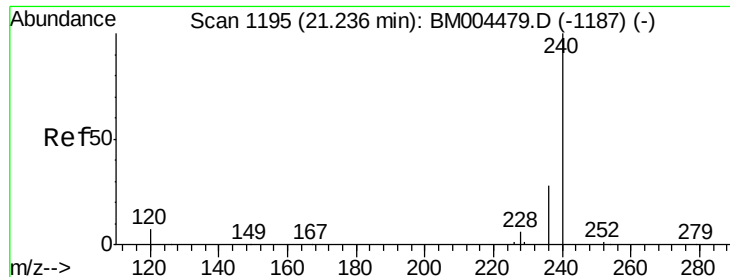


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.23 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BM004489.D

Acq: 01 Mar 2016 03:12

Instrument :

BNA_M

ClientSampleId :

MW-4

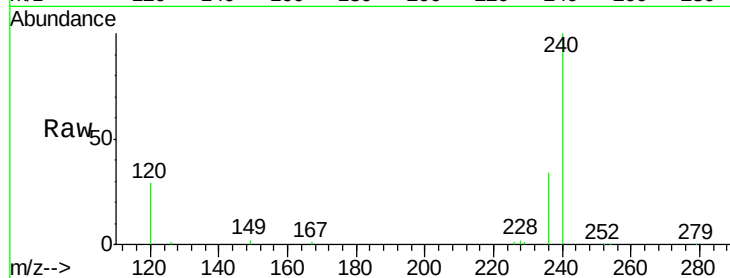
Tgt Ion:240 Resp: 65313

Ion Ratio Lower Upper

240 100

120 29.0 6.1 9.1#

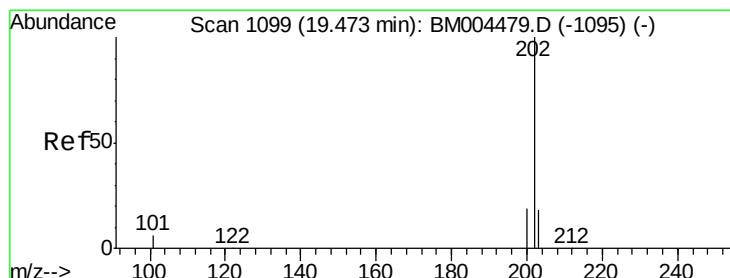
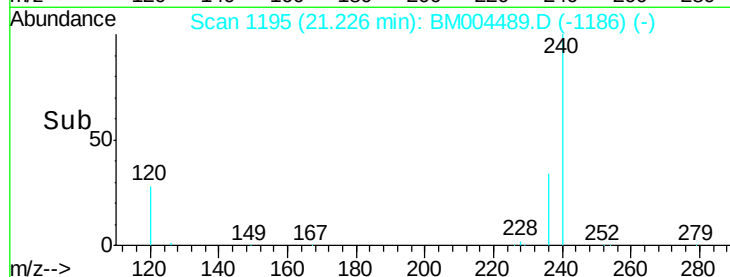
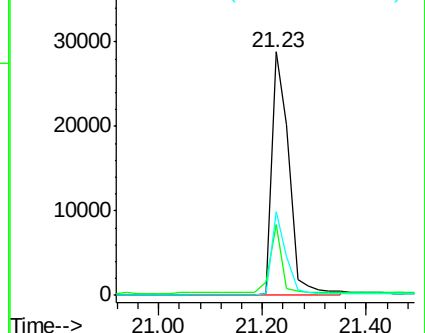
236 34.5 22.6 34.0#



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



#28

Pyrene

Concen: 0.13 ng

RT: 19.47 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BM004489.D

Acq: 01 Mar 2016 03:12

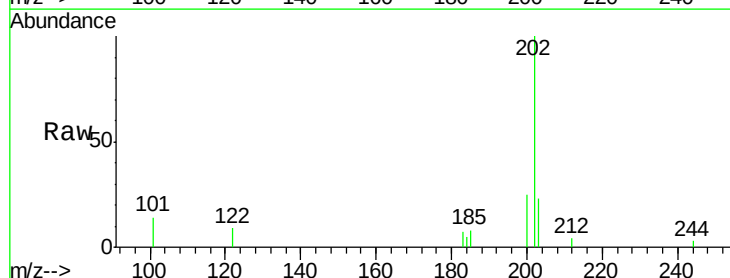
Tgt Ion:202 Resp: 3320

Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

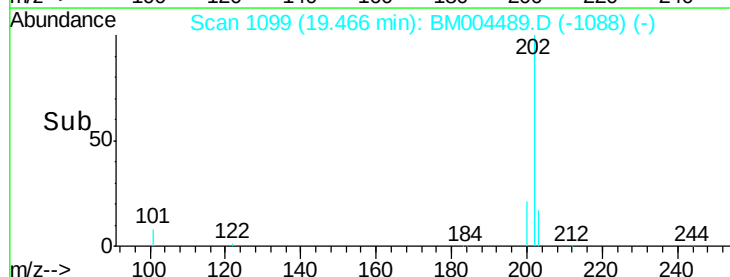
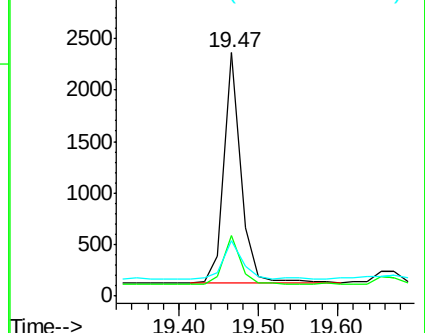
203 18.9 14.1 21.1

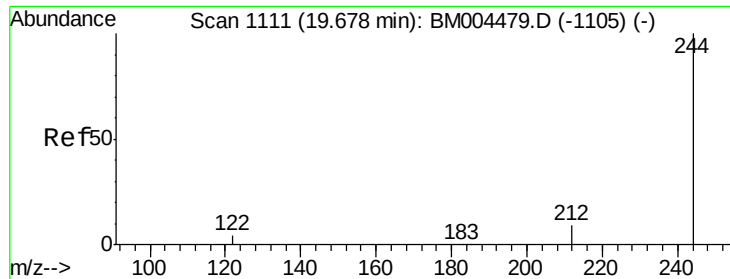


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 6.22 ng

RT: 19.67 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM004489.D

Acq: 01 Mar 2016 03:12

Instrument :

BNA_M

ClientSampleId :

MW-4

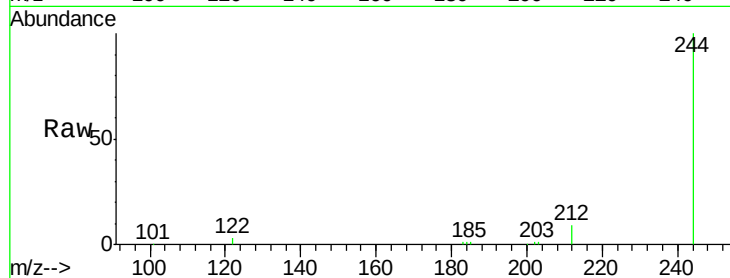
Tgt Ion: 244 Resp: 52281

Ion Ratio Lower Upper

244 100

212 8.9 7.5 11.3

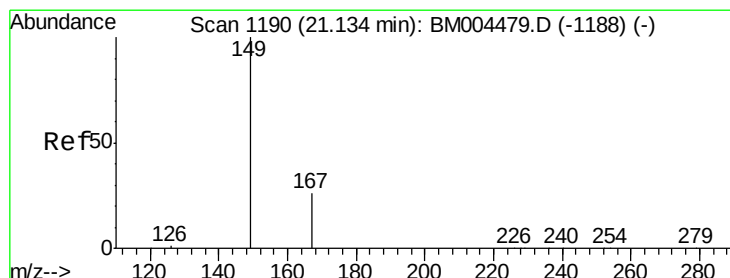
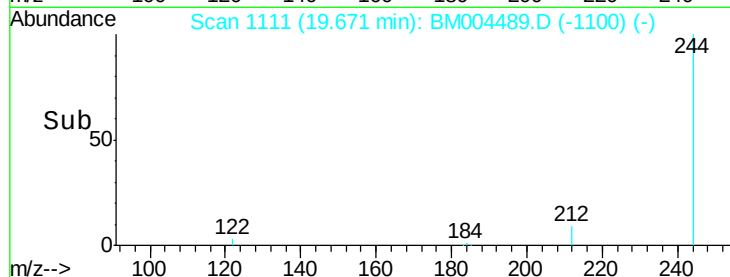
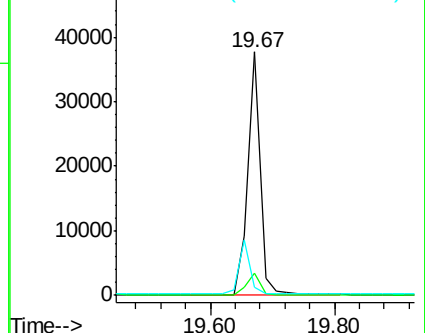
122 3.5 4.2 6.2#



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



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.32 ng

RT: 21.12 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BM004489.D

Acq: 01 Mar 2016 03:12

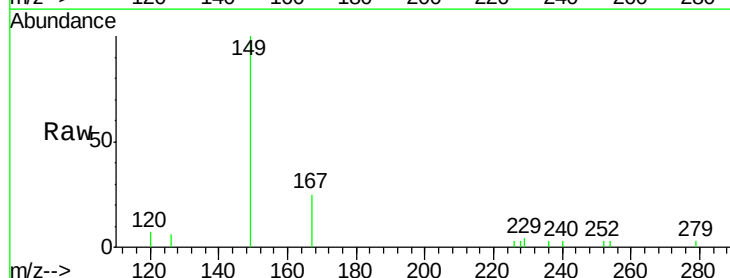
Tgt Ion: 149 Resp: 6014

Ion Ratio Lower Upper

149 100

167 21.9 21.2 31.8

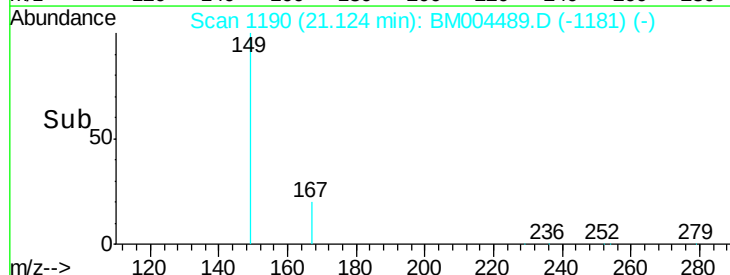
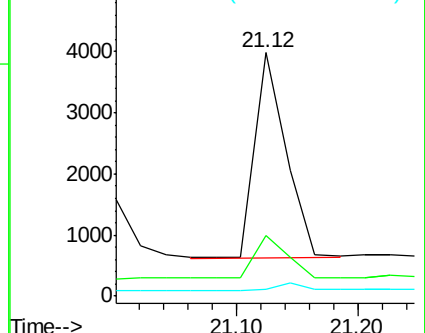
279 0.0 0.0 0.0

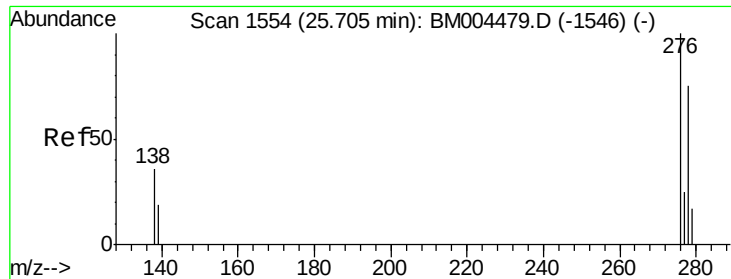


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Indeno(1,2,3-cd)pyrene

Concen: 0.04 ng

RT: 25.70 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BM004489.D

Acq: 01 Mar 2016 03:12

Instrument :

BNA_M

ClientSampleId :

MW-4

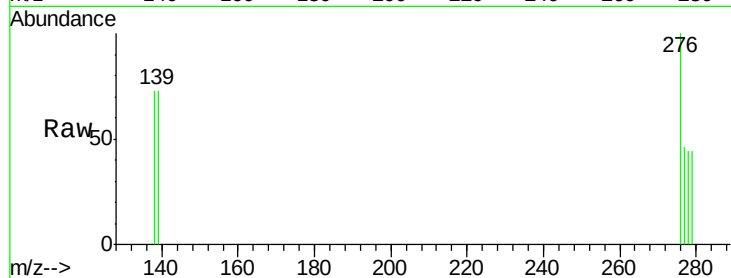
Tgt Ion:276 Resp: 886

Ion Ratio Lower Upper

276 100

138 33.4 30.4 45.6

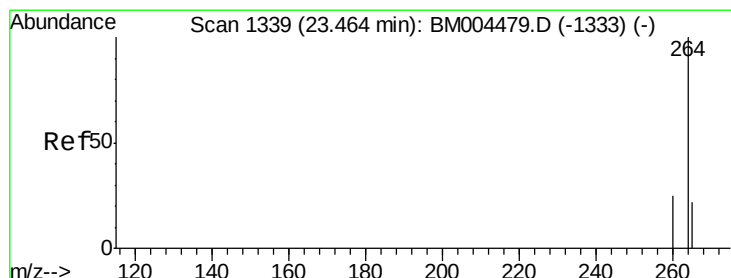
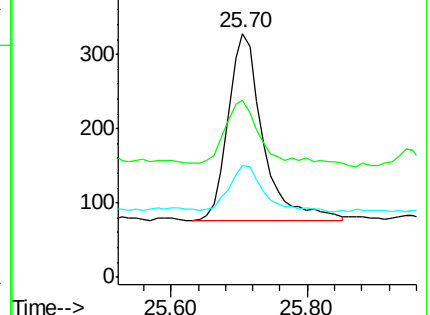
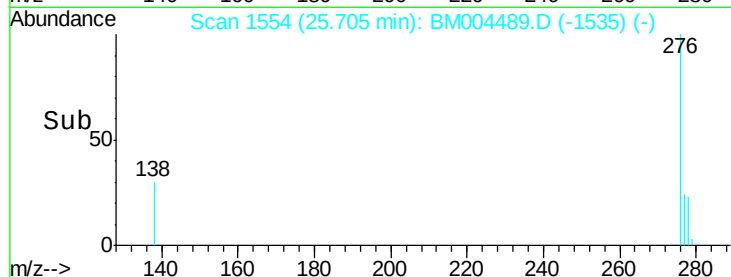
277 23.8 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.45 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BM004489.D

Acq: 01 Mar 2016 03:12

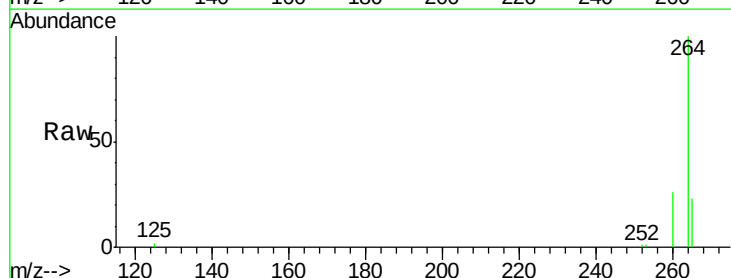
Tgt Ion:264 Resp: 62833

Ion Ratio Lower Upper

264 100

260 26.2 19.8 29.6

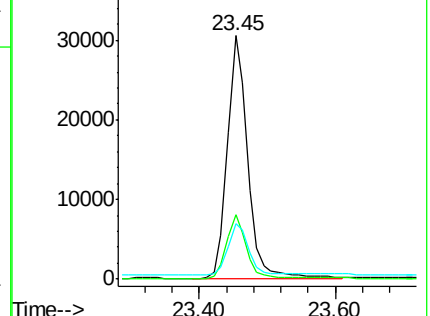
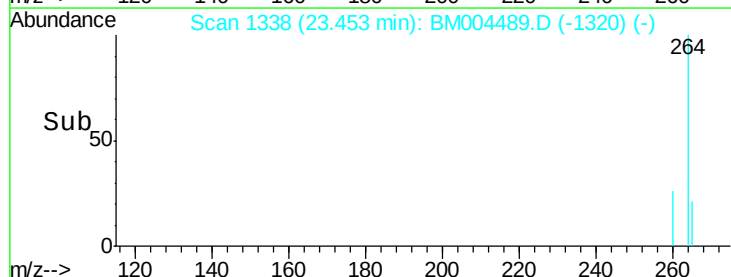
265 22.6 18.9 28.3

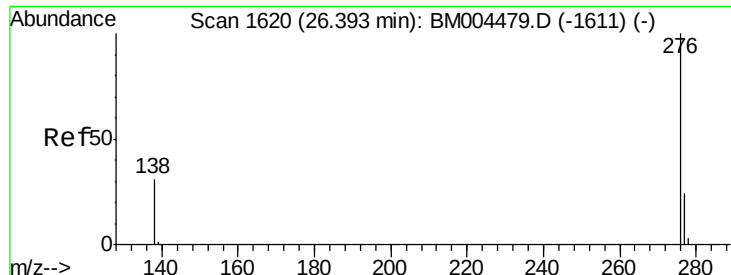


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#40

Benzo(g,h,i)perylene

Concen: 0.05 ng

RT: 26.39 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BM004489.D

Acq: 01 Mar 2016 03:12

Instrument :

BNA_M

ClientSampleId :

MW-4

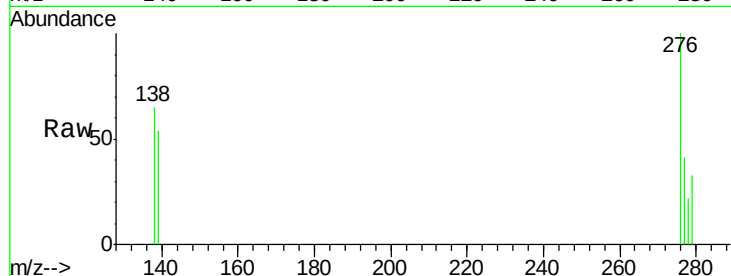
Tgt Ion: 276 Resp: 1131

Ion Ratio Lower Upper

276 100

277 41.4 19.6 29.4#

138 64.5 26.2 39.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

