

Data Path : S:\HPCHEM1\BNA_M\DATA\BM022916\
 Data File : BM004496.D
 Acq On : 01 Mar 2016 08:05
 Operator : SJ/UM
 Sample : H1509-06DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-3DL

Quant Time: Mar 01 11:37:35 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

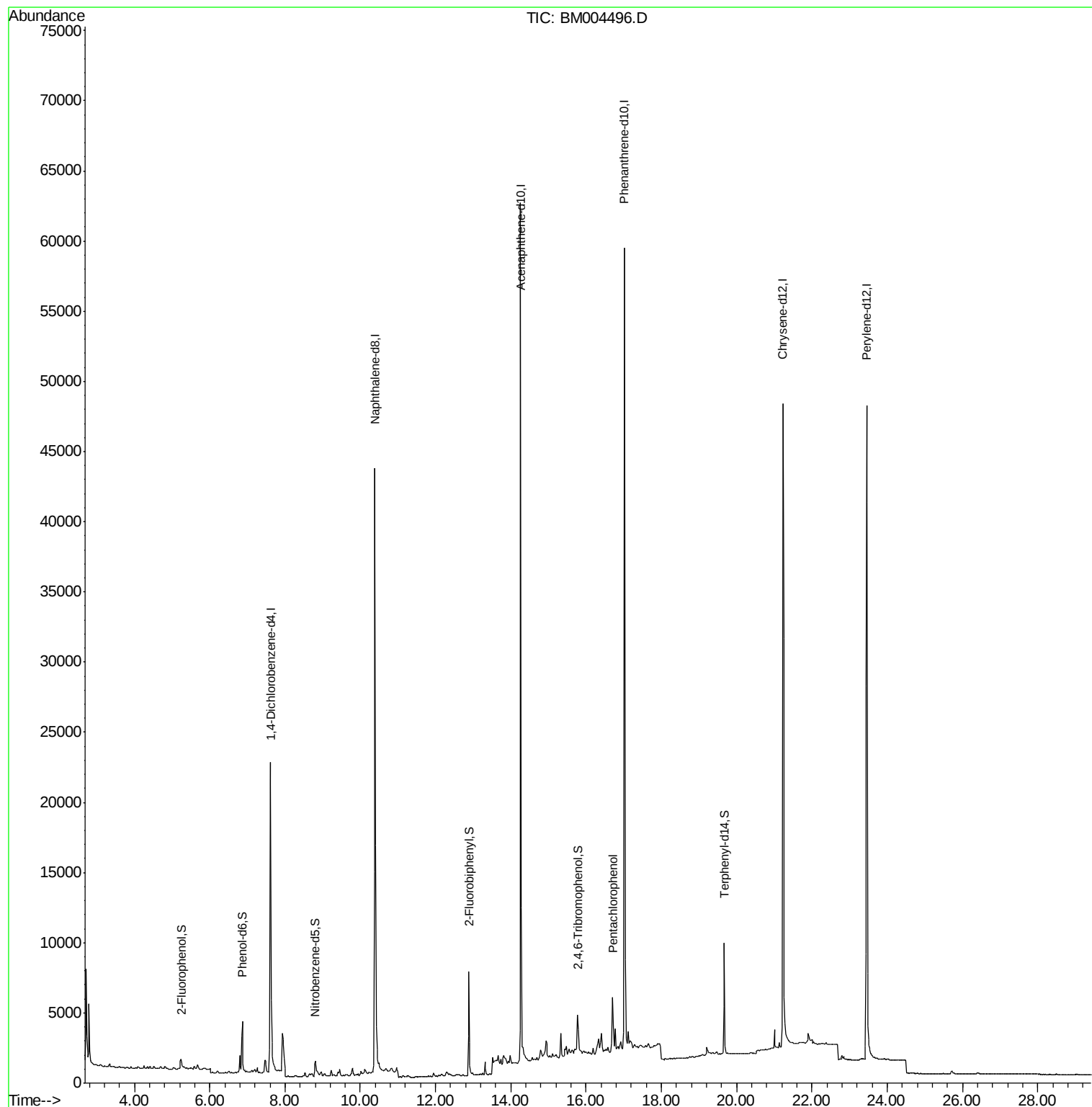
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	16802	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	66980	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	38537	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	83056	5.00	ng	0.00
26) Chrysene-d12	21.23	240	67001	5.00	ng	-0.01
35) Perylene-d12	23.45	264	66002	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1328	0.34	ng	0.02
5) Phenol-d6	6.87	99	1015	0.23	ng	0.05
8) Nitrobenzene-d5	8.81	82	1828	0.54	ng	0.01
14) 2,4,6-Tribromophenol	15.77	330	2335	1.58	ng	-0.03
15) 2-Fluorobiphenyl	12.88	172	8617	0.73	ng	0.00
29) Terphenyl-d14	19.67	244	9586	1.11	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.71	266	3699	3.71	ng	Qvalue 88

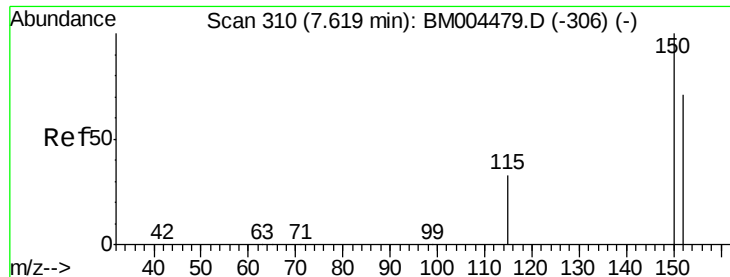
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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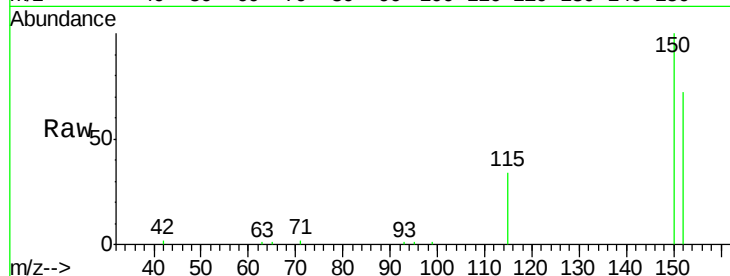


#1

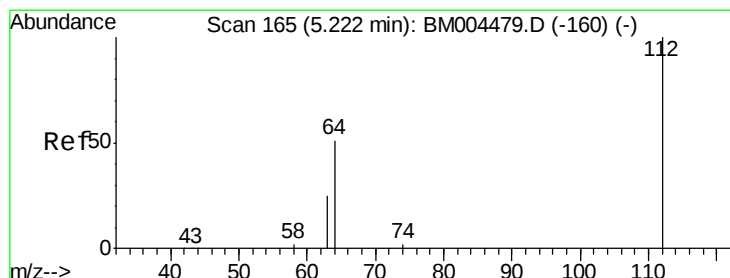
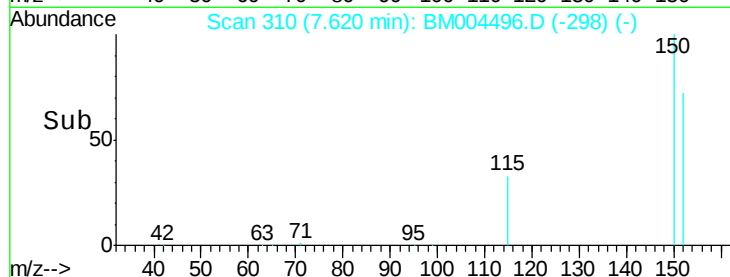
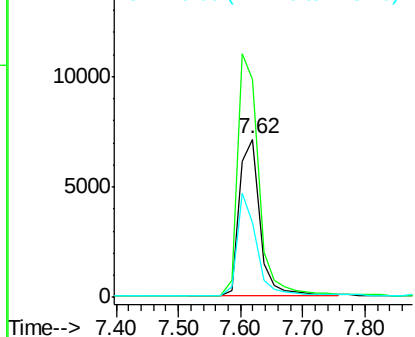
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 310
Delta R.T. 0.00 min
Lab File: BM004496.D
Acq: 01 Mar 2016 08:05

Instrument :
BNA_M
ClientSampled :
MW-3DL

Tgt Ion:152 Resp: 16802
Ion Ratio Lower Upper
152 100
150 138.1 111.9 167.9
115 47.0 37.7 56.5



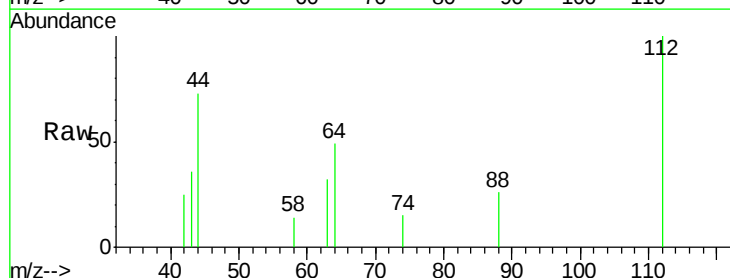
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



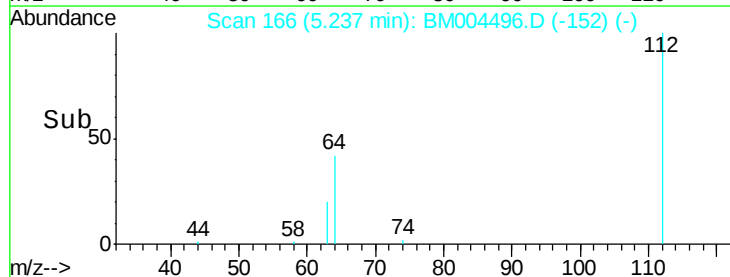
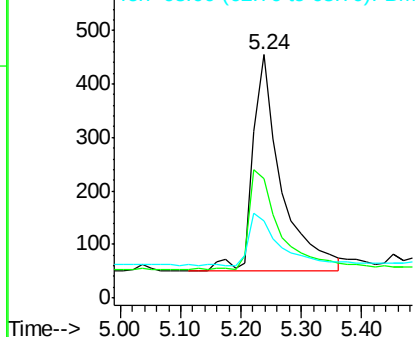
#4

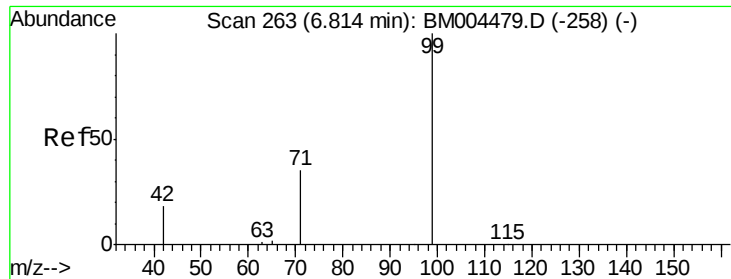
2-Fluorophenol
Concen: 0.34 ng
RT: 5.24 min Scan# 166
Delta R.T. 0.02 min
Lab File: BM004496.D
Acq: 01 Mar 2016 08:05

Tgt Ion:112 Resp: 1328
Ion Ratio Lower Upper
112 100
64 48.9 39.6 59.4
63 25.1 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: 0.23 ng

RT: 6.87 min Scan# 266

Delta R.T. 0.05 min

Lab File: BM004496.D

Acq: 01 Mar 2016 08:05

Instrument :

BNA_M

ClientSampleId :

MW-3DL

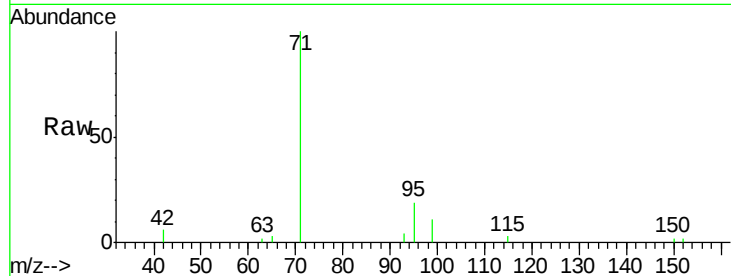
Tgt Ion: 99 Resp: 1015

Ion Ratio Lower Upper

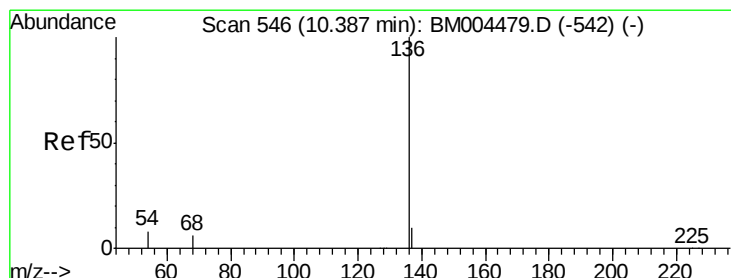
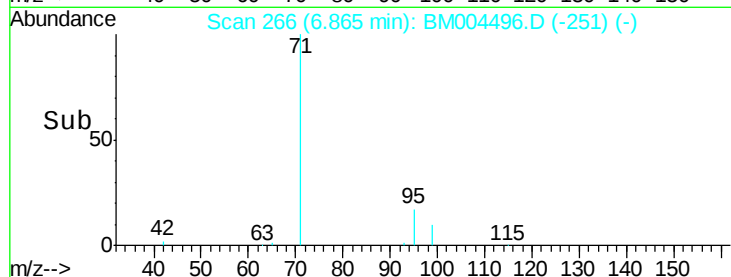
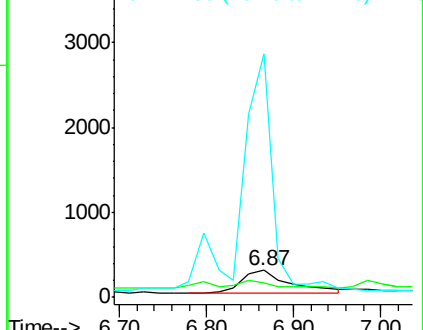
99 100

42 19.7 12.2 18.2#

71 703.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BMC
Ion 42.00 (41.70 to 42.70): BMC
Ion 71.00 (70.70 to 71.70): BMC



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. 0.00 min

Lab File: BM004496.D

Acq: 01 Mar 2016 08:05

Tgt Ion: 136 Resp: 66980

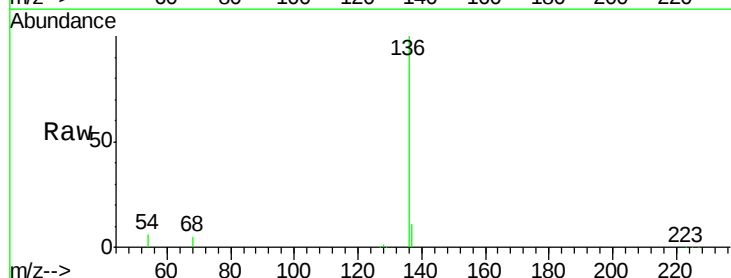
Ion Ratio Lower Upper

136 100

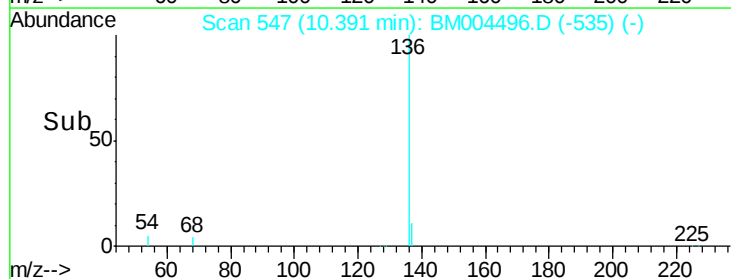
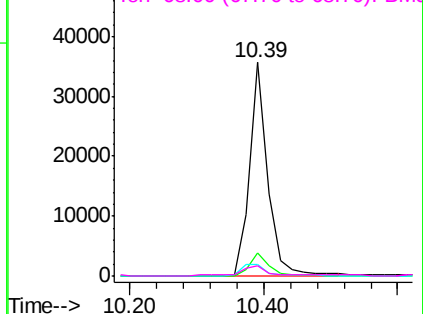
137 10.9 8.2 12.2

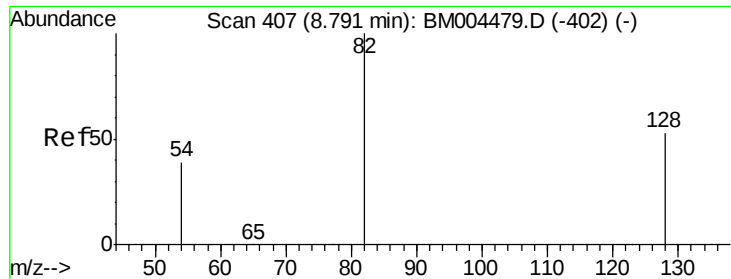
54 5.6 6.4 9.6#

68 4.7 5.0 7.4#



Abundance Ion 136.00 (135.70 to 136.70): BMC
Ion 137.00 (136.70 to 137.70): BMC
Ion 54.00 (53.70 to 54.70): BMC
Ion 68.00 (67.70 to 68.70): BMC





#8

Nitrobenzene-d5

Concen: 0.54 ng

RT: 8.81 min Scan# 409

Delta R.T. 0.01 min

Lab File: BM004496.D

Acq: 01 Mar 2016 08:05

Instrument :

BNA_M

ClientSampleId :

MW-3DL

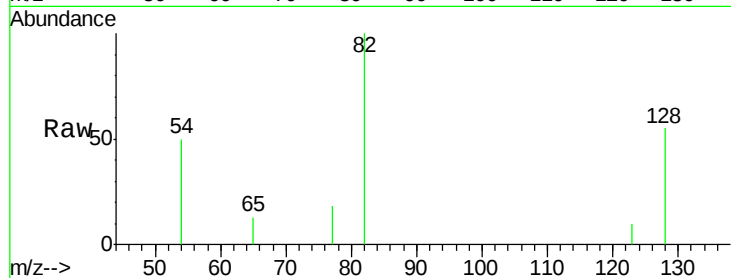
Tgt Ion: 82 Resp: 1828

Ion Ratio Lower Upper

82 100

128 55.4 43.7 65.5

54 50.2 33.5 50.3

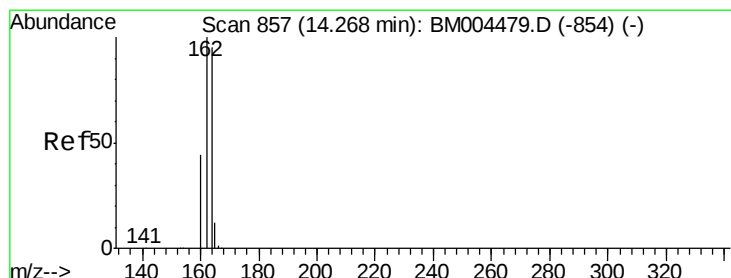
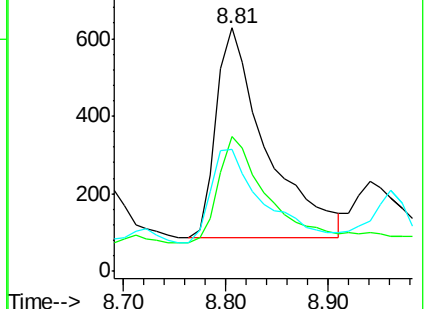
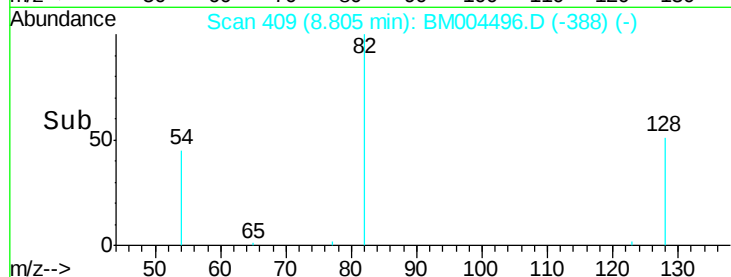


Abundance Ion 82.00 (81.70 to 82.70): BM004479.D (-402) (-)

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

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

Time-->



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM004496.D

Acq: 01 Mar 2016 08:05

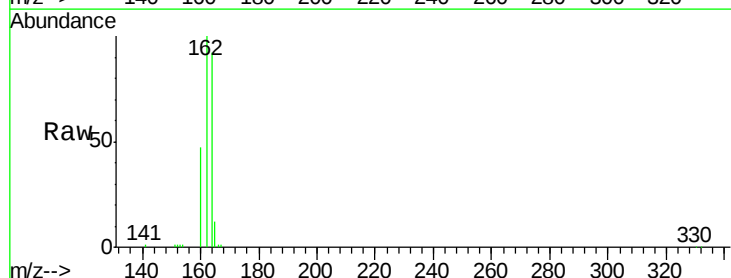
Tgt Ion: 164 Resp: 38537

Ion Ratio Lower Upper

164 100

162 108.5 84.2 126.4

160 51.1 37.4 56.2

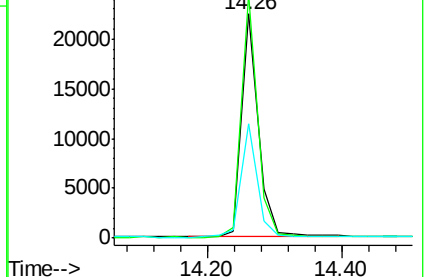
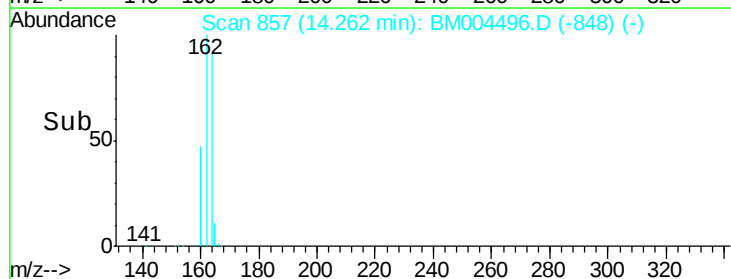


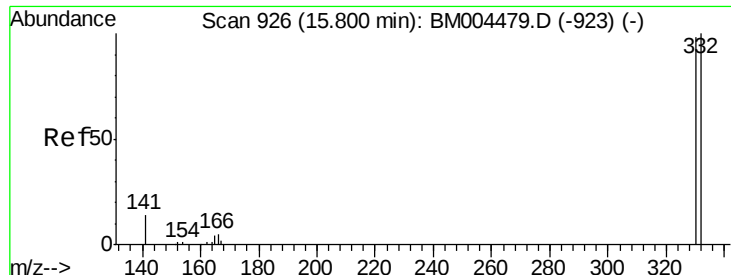
Abundance Ion 164.00 (163.70 to 164.70): BM004479.D (-854) (-)

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

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

Time-->

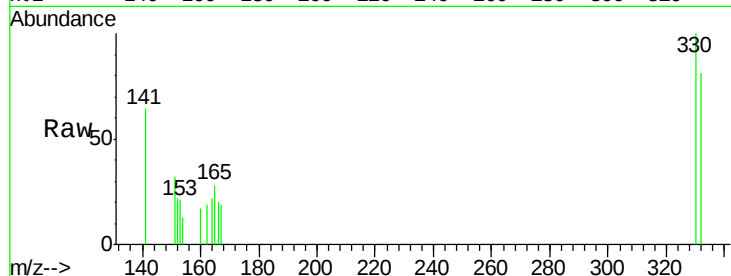




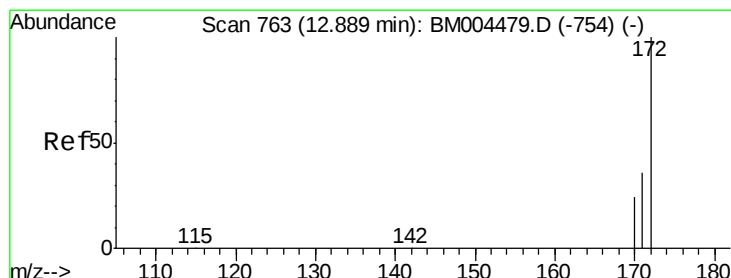
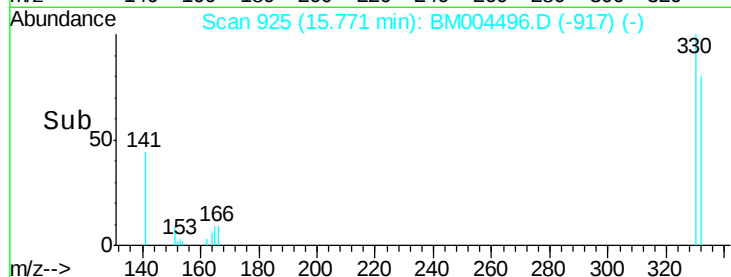
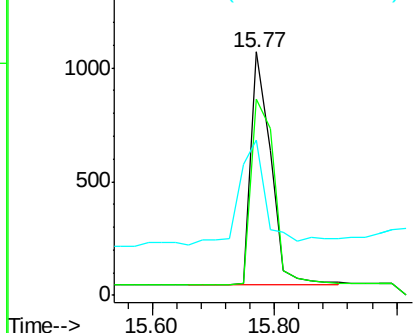
#14
 2,4,6-Tribromophenol
 Concen: 1.58 ng
 RT: 15.77 min Scan# 925
 Delta R.T. -0.03 min
 Lab File: BM004496.D
 Acq: 01 Mar 2016 08:05

Instrument :
 BNA_M
 ClientSampleId :
 MW-3DL

Tgt Ion:330 Resp: 2335
 Ion Ratio Lower Upper
 330 100
 332 93.5 76.1 114.1
 141 61.2 0.0 0.0#

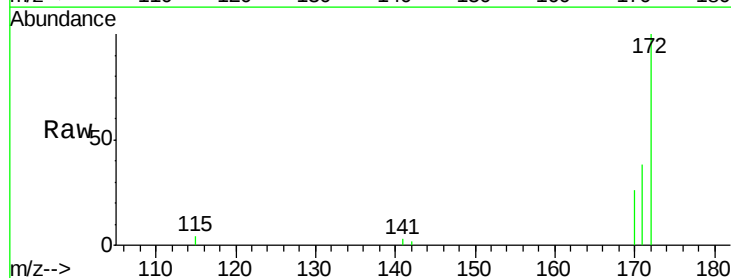


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

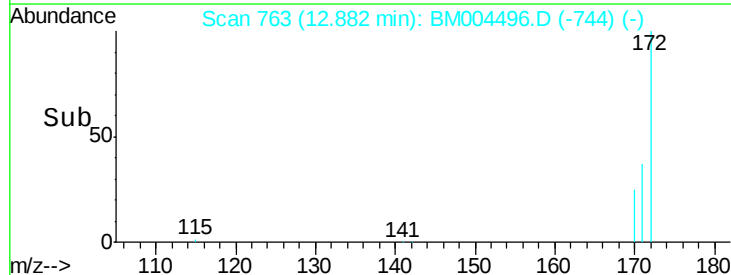
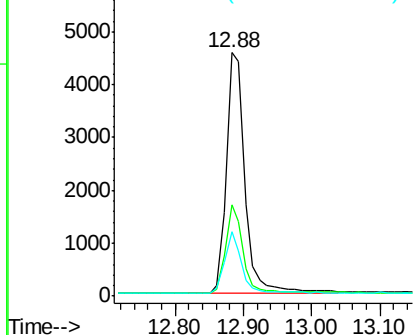


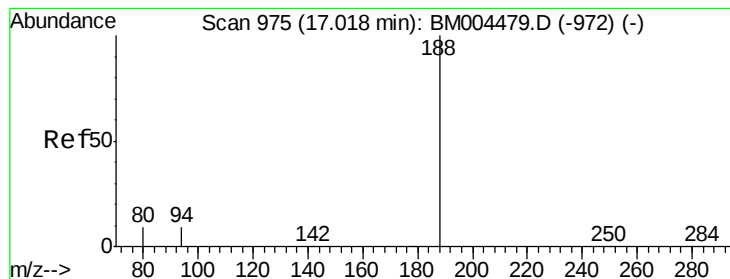
#15
 2-Fluorobiphenyl
 Concen: 0.73 ng
 RT: 12.88 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BM004496.D
 Acq: 01 Mar 2016 08:05

Tgt Ion:172 Resp: 8617
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.2 43.8
 170 26.4 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: BM004496.D

Acq: 01 Mar 2016 08:05

Instrument :

BNA_M

ClientSampleId :

MW-3DL

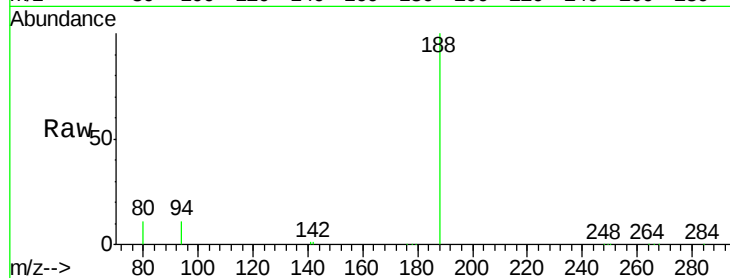
Tgt Ion:188 Resp: 83056

Ion Ratio Lower Upper

188 100

94 11.4 7.4 11.0#

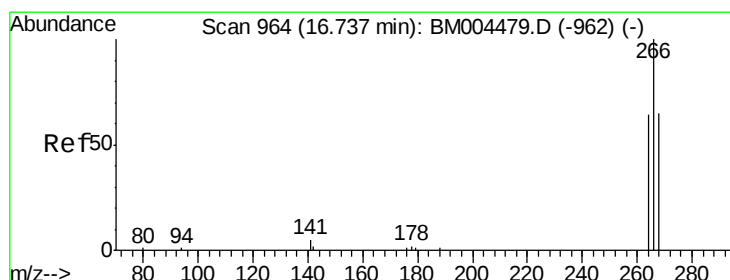
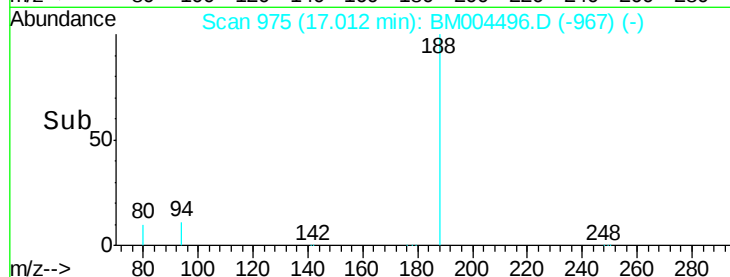
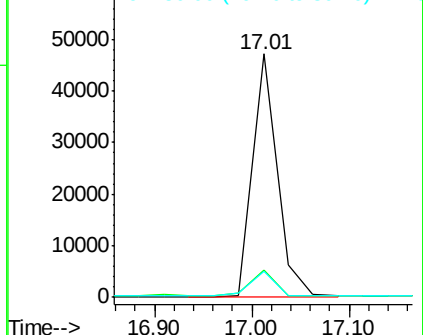
80 10.6 6.9 10.3#



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



#22

Pentachlorophenol

Concen: 3.71 ng

RT: 16.71 min Scan# 963

Delta R.T. -0.03 min

Lab File: BM004496.D

Acq: 01 Mar 2016 08:05

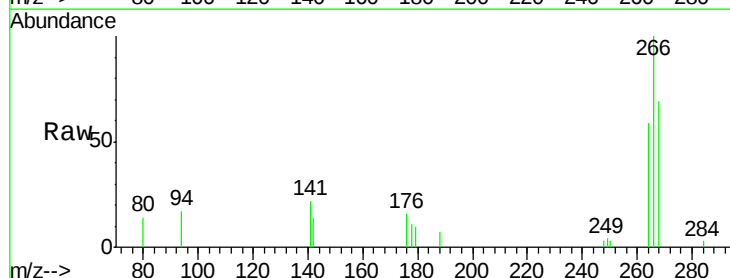
Tgt Ion:266 Resp: 3699

Ion Ratio Lower Upper

266 100

268 68.6 60.7 91.1

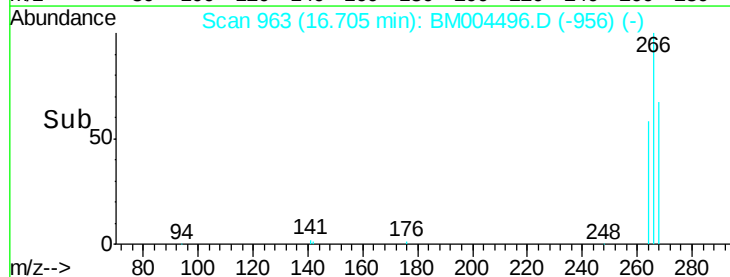
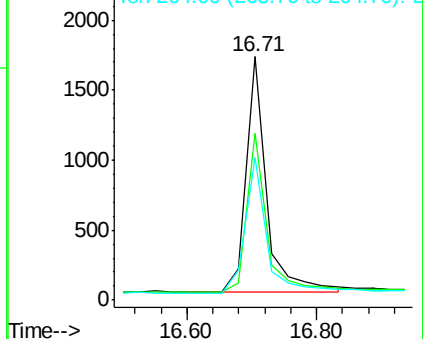
264 58.8 57.1 85.7

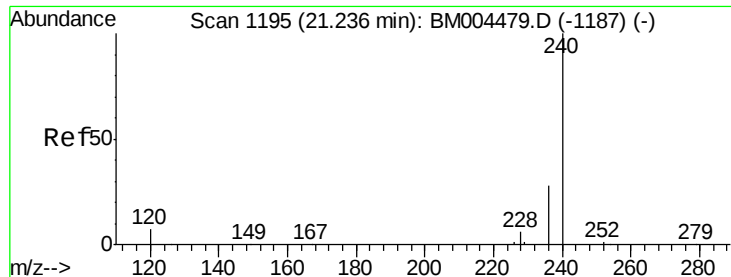


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.23 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BM004496.D

Acq: 01 Mar 2016 08:05

Instrument :

BNA_M

ClientSampleId :

MW-3DL

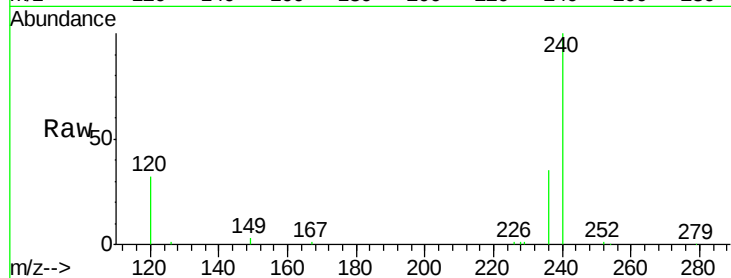
Tgt Ion:240 Resp: 67001

Ion Ratio Lower Upper

240 100

120 32.5 6.1 9.1#

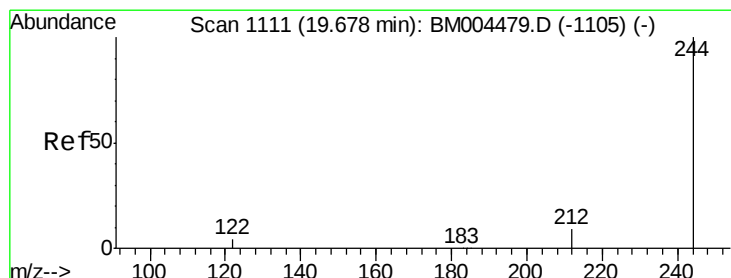
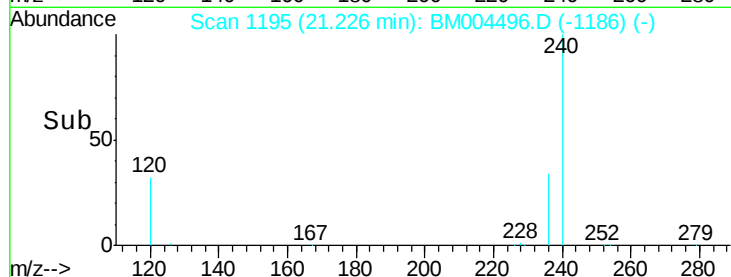
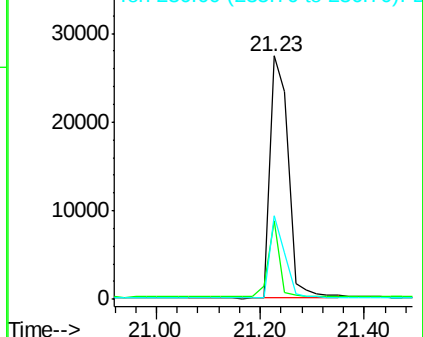
236 34.6 22.6 34.0#



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: 1.11 ng

RT: 19.67 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM004496.D

Acq: 01 Mar 2016 08:05

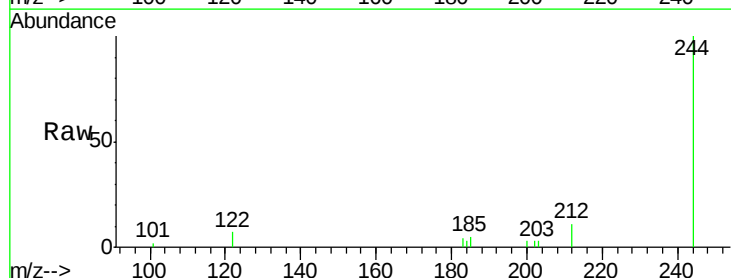
Tgt Ion:244 Resp: 9586

Ion Ratio Lower Upper

244 100

212 10.9 7.5 11.3

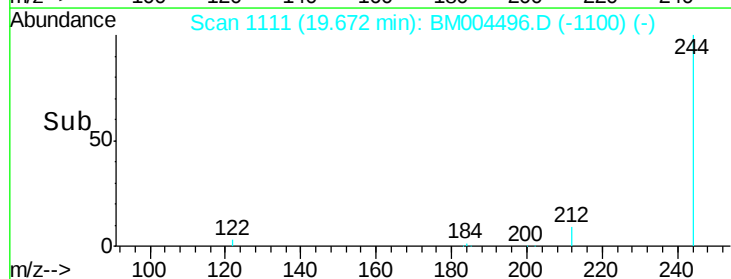
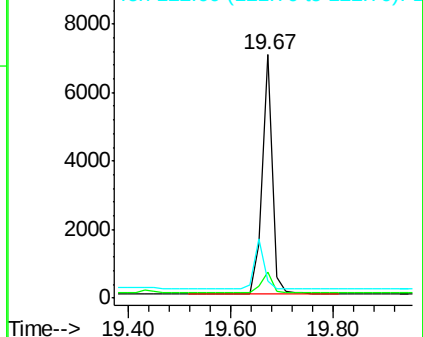
122 6.9 4.2 6.2#

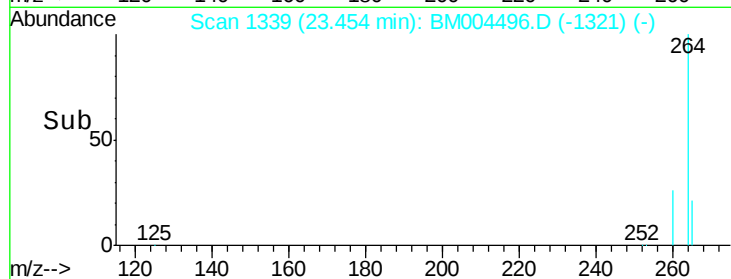
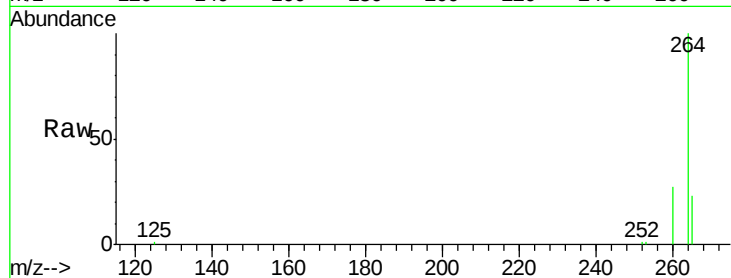
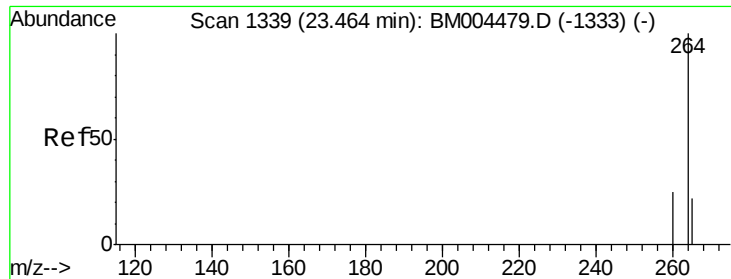


Abundance Ion 244.00 (243.70 to 244.70): E

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# 1339

Delta R.T. -0.01 min

Lab File: BM004496.D

Acq: 01 Mar 2016 08:05

Instrument :

BNA_M

ClientSampleId :

MW-3DL

Tgt Ion: 264 Resp: 66002

Ion Ratio Lower Upper

264 100

260 26.6 19.8 29.6

265 22.7 18.9 28.3

