

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030116\
 Data File : BM004519.D
 Acq On : 02 Mar 2016 14:32
 Operator : SJ/UM
 Sample : H1509-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-5

Quant Time: Mar 02 16:39:19 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 14:46:57 2016
 Response via : Initial Calibration

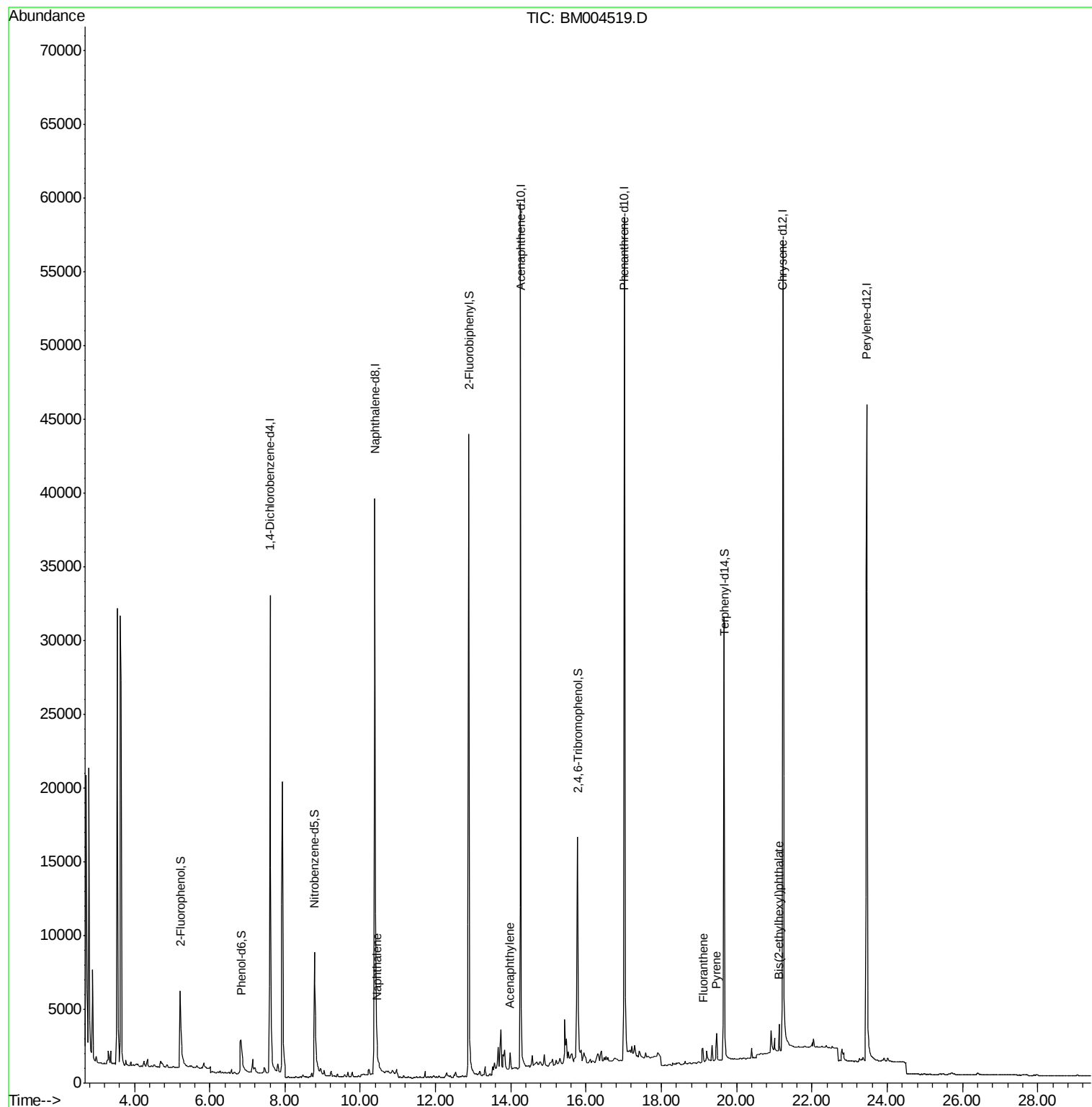
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	18777	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	71922	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	37146	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	86927	5.00	ng	0.00
26) Chrysene-d12	21.23	240	67173	5.00	ng	0.00
35) Perylene-d12	23.45	264	63156	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	9221	2.35	ng	-0.02
5) Phenol-d6	6.83	99	6195	1.30	ng	0.00
8) Nitrobenzene-d5	8.78	82	13018	3.43	ng	-0.01
14) 2,4,6-Tribromophenol	15.77	330	11554	8.44	ng	-0.02
15) 2-Fluorobiphenyl	12.88	172	50432	4.36	ng	0.00
29) Terphenyl-d14	19.67	244	47351	4.75	ng	0.00
Target Compounds						
10) Naphthalene	10.44	128	698	0.04	ng	# 1
16) Acenaphthylene	13.97	152	229	0.11	ng	# 1
25) Fluoranthene	19.11	202	1634	0.03	ng	98
28) Pyrene	19.47	202	2172	0.06	ng	# 91
33) Bis(2-ethylhexyl)phthalate	21.12	149	2204	0.27	ng	# 98

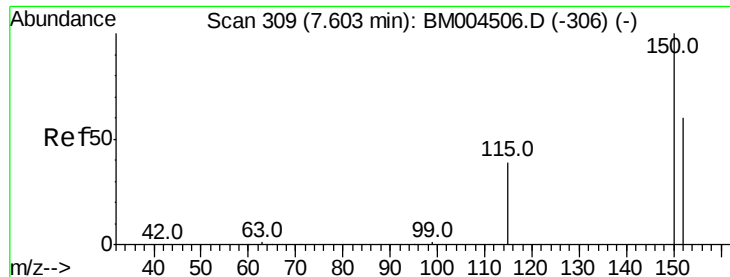
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030116\
Data File : BM004519.D
Acq On : 02 Mar 2016 14:32
Operator : SJ/UM
Sample : H1509-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-5

Quant Time: Mar 02 16:39:19 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 14:46:57 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 309

Delta R.T. -0.00 min

Lab File: BM004519.D

Acq: 02 Mar 2016 14:32

Instrument :

BNA_M

ClientSampleId :

MW-5

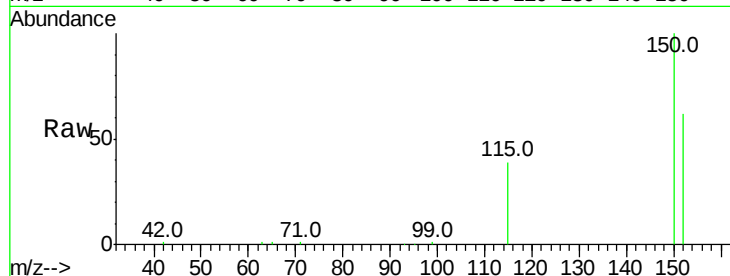
Tot Ion:152 Resp: 18777

Ion Ratio Lower Upper

152 100

150 162.0 134.2 201.2

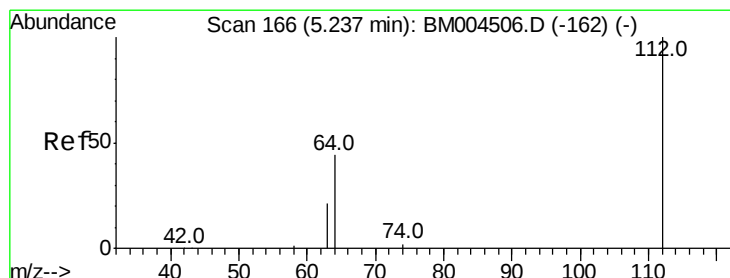
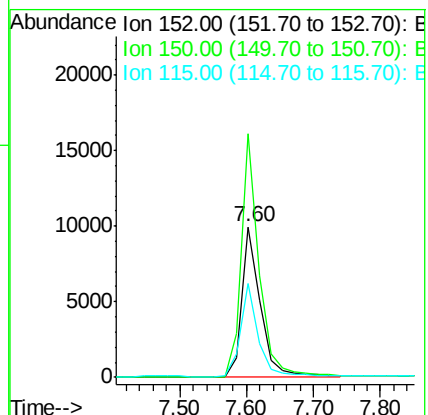
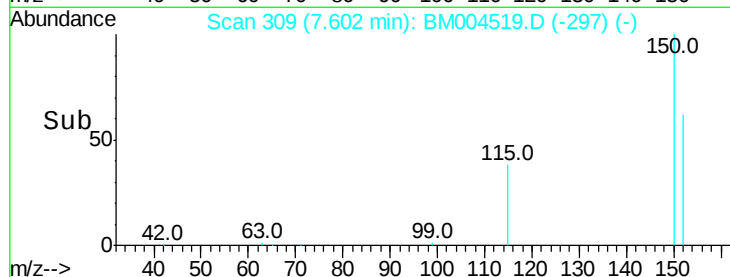
115 62.5 52.2 78.4



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



#4

2-Fluorophenol

Concen: 2.35 ng

RT: 5.22 min Scan# 165

Delta R.T. -0.02 min

Lab File: BM004519.D

Acq: 02 Mar 2016 14:32

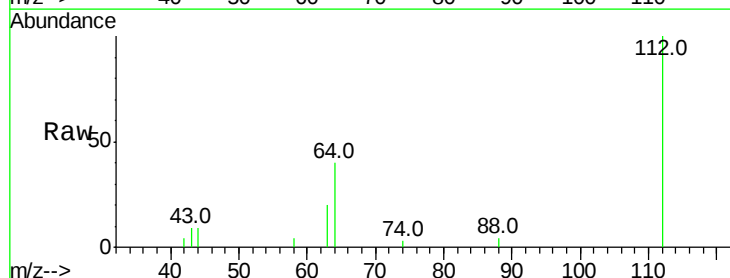
Tgt Ion:112 Resp: 9221

Ion Ratio Lower Upper

112 100

64 48.9 37.0 55.6

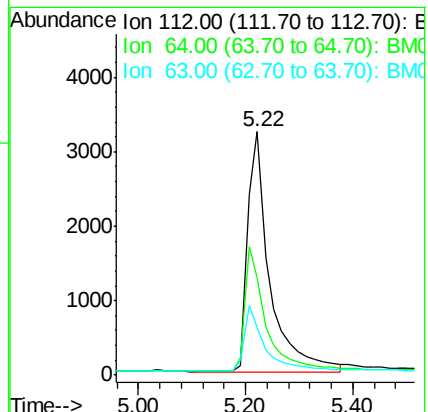
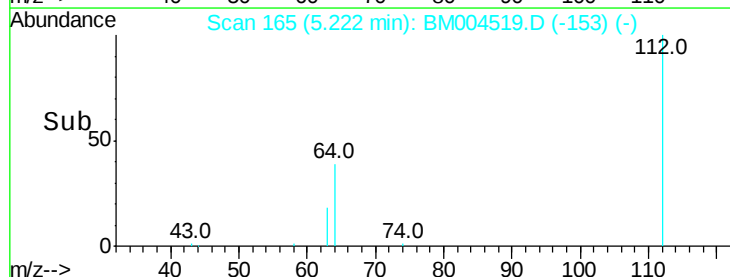
63 24.8 19.0 28.4

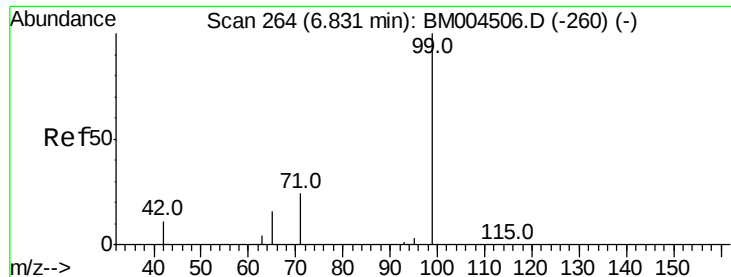


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 1.30 ng

RT: 6.83 min Scan# 264

Delta R.T. -0.00 min

Lab File: BM004519.D

Acq: 02 Mar 2016 14:32

Instrument :

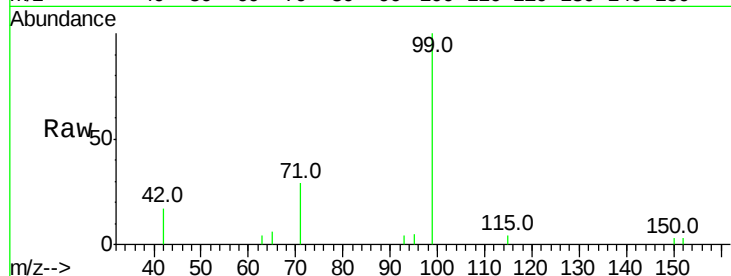
BNA_M

ClientSampleId :

MW-5

Tot Ion: 99 Resp: 6195

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.2	18.4
71	33.8	23.4	35.2



Abundance

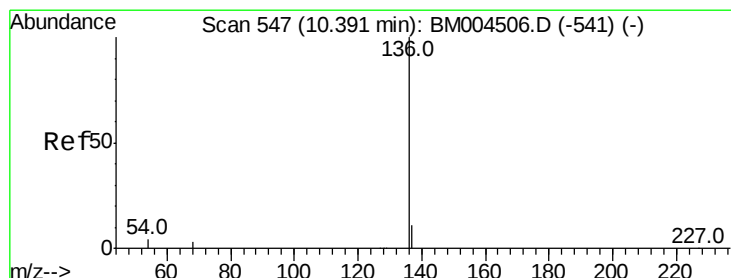
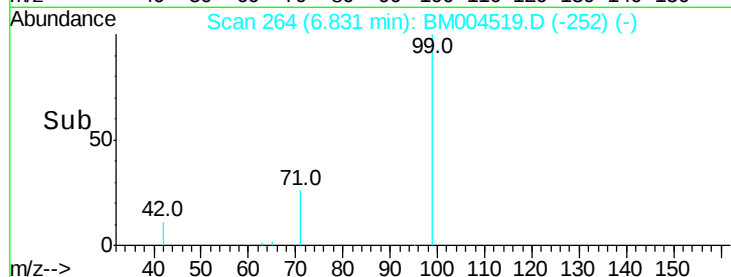
Ion 99.00 (98.70 to 99.70): BM004519.D (-252) (-)

Ion 42.00 (41.70 to 42.70): BM004519.D (-252) (-)

Ion 71.00 (70.70 to 71.70): BM004519.D (-252) (-)

6.83

Time-->



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

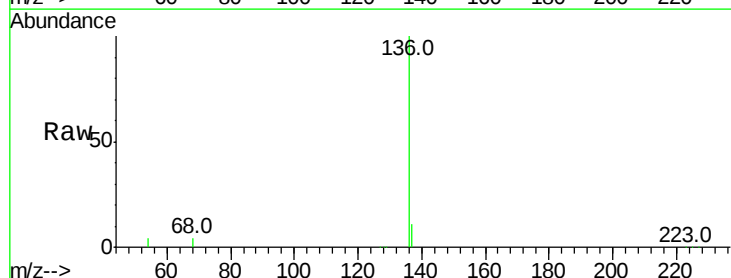
Delta R.T. -0.00 min

Lab File: BM004519.D

Acq: 02 Mar 2016 14:32

Tgt Ion: 136 Resp: 71922

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	4.2	3.3	4.9
68	3.7	2.9	4.3



Abundance

Ion 136.00 (135.70 to 136.70): BM004519.D (-535) (-)

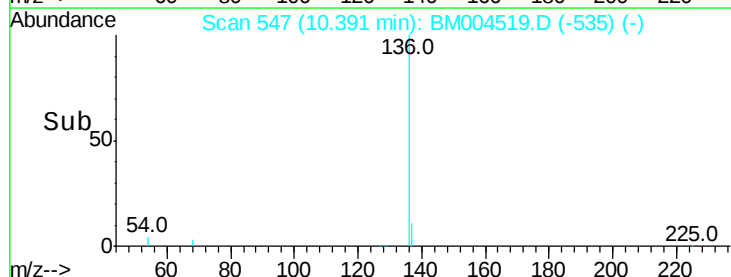
Ion 137.00 (136.70 to 137.70): BM004519.D (-535) (-)

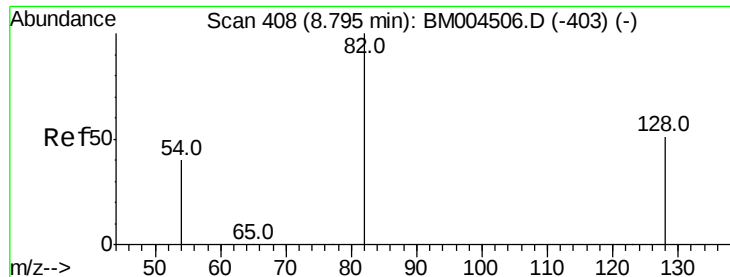
Ion 54.00 (53.70 to 54.70): BM004519.D (-535) (-)

Ion 68.00 (67.70 to 68.70): BM004519.D (-535) (-)

10.39

Time-->

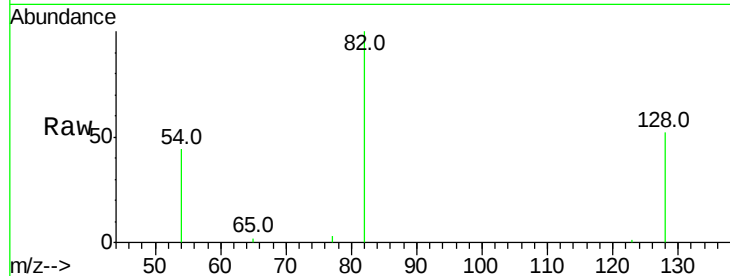




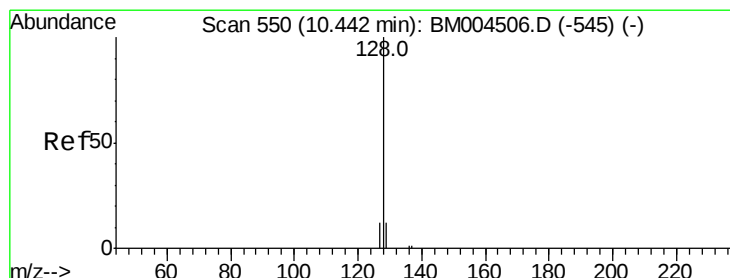
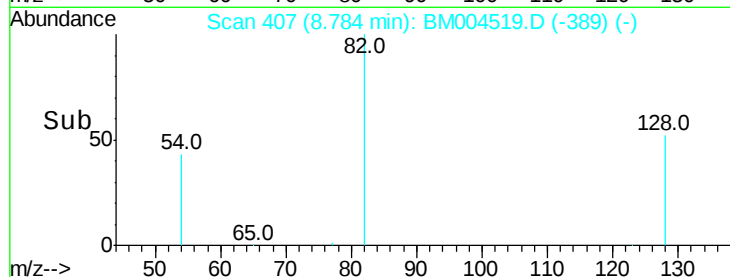
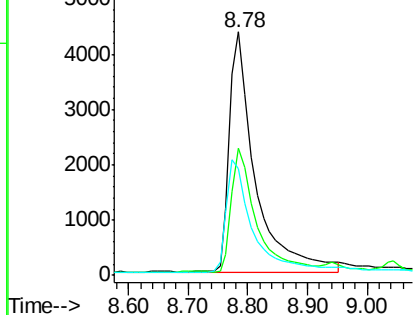
#8
 Nitrobenzene-d5
 Concen: 3.43 ng
 RT: 8.78 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BM004519.D
 Acq: 02 Mar 2016 14:32

Instrument :
 BNA_M
 ClientSampleId :
 MW-5

Tot Ion: 82 Resp: 13018
 Ion Ratio Lower Upper
 82 100
 128 52.2 41.9 62.9
 54 43.6 34.2 51.2

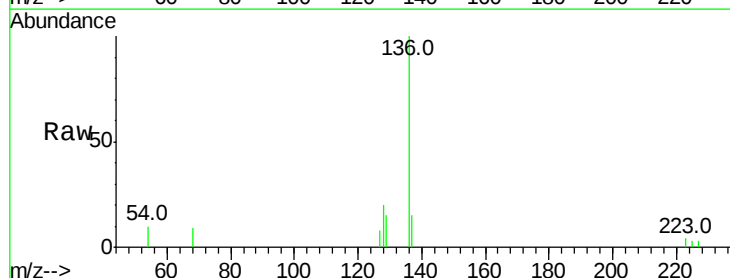


Abundance Ion 82.00 (81.70 to 82.70): BM004519.D (-389) (-)
 Ion 128.00 (127.70 to 128.70): BM004519.D (-389) (-)
 Ion 54.00 (53.70 to 54.70): BM004519.D (-389) (-)

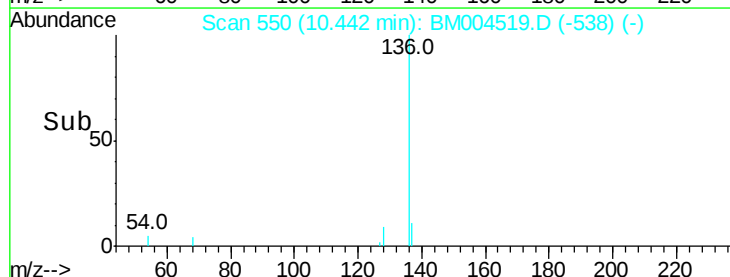
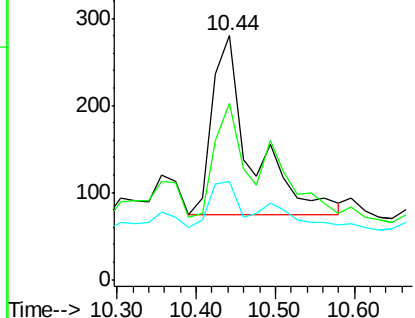


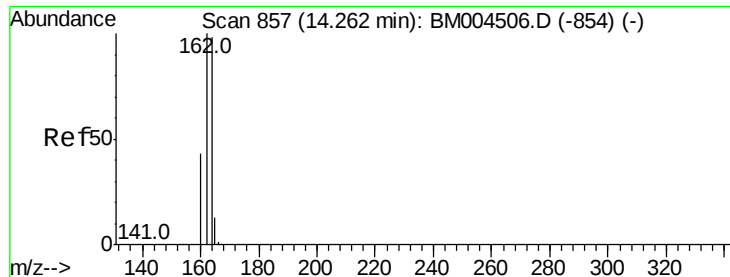
#10
 Naphthalene
 Concen: 0.04 ng
 RT: 10.44 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BM004519.D
 Acq: 02 Mar 2016 14:32

Tgt Ion: 128 Resp: 698
 Ion Ratio Lower Upper
 128 100
 129 72.5 9.8 14.6#
 127 40.0 9.9 14.9#



Abundance Ion 128.00 (127.70 to 128.70): BM004519.D (-538) (-)
 Ion 129.00 (128.70 to 129.70): BM004519.D (-538) (-)
 Ion 127.00 (126.70 to 127.70): BM004519.D (-538) (-)





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. -0.00 min

Lab File: BM004519.D

Acq: 02 Mar 2016 14:32

Instrument :

BNA_M

ClientSampleId :

MW-5

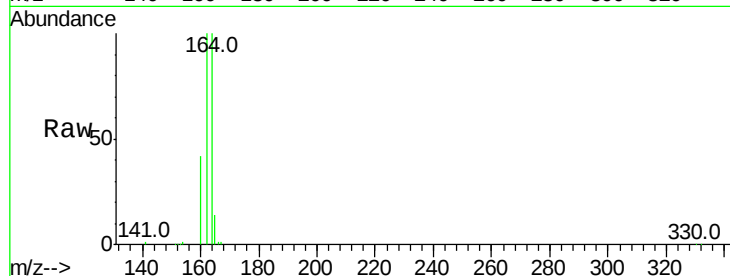
Tot Ion:164 Resp: 37146

Ion Ratio Lower Upper

164 100

162 99.6 81.6 122.4

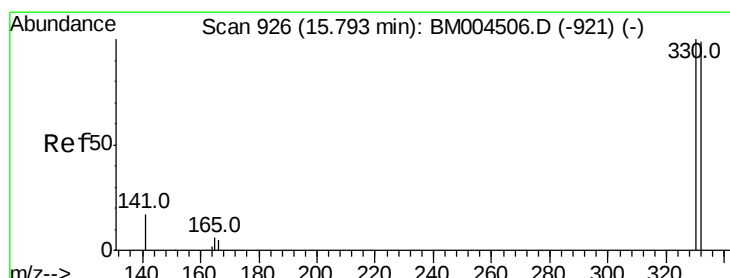
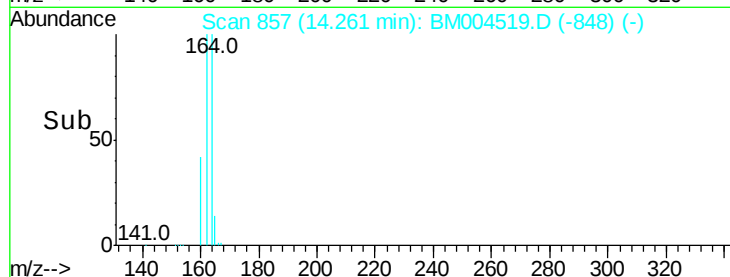
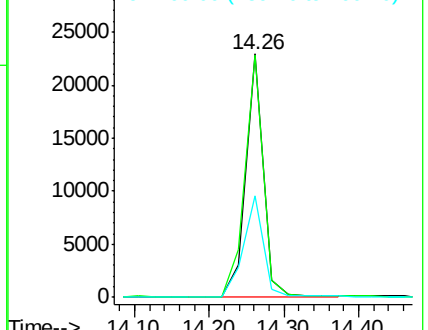
160 41.7 34.9 52.3



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: 8.44 ng

RT: 15.77 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM004519.D

Acq: 02 Mar 2016 14:32

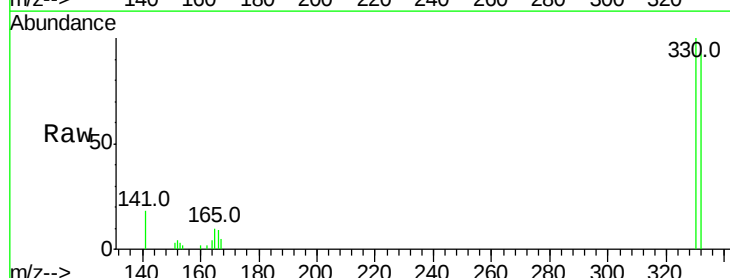
Tgt Ion:330 Resp: 11554

Ion Ratio Lower Upper

330 100

332 95.5 76.6 114.8

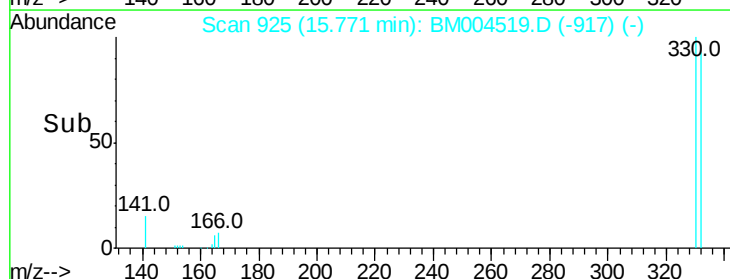
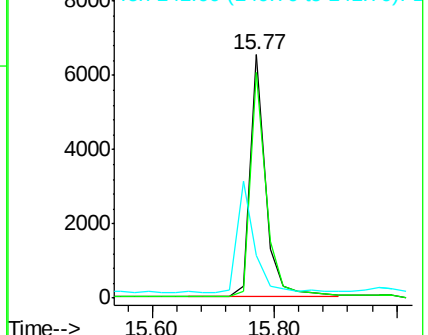
141 0.0 0.0 0.0

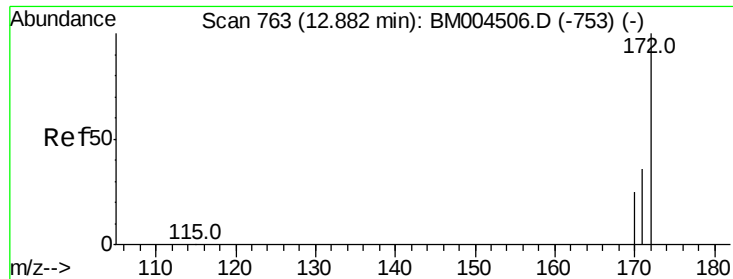


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

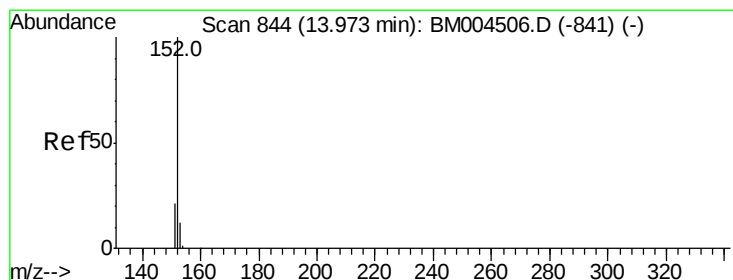
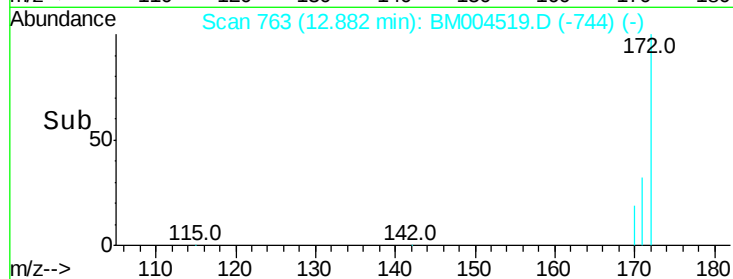
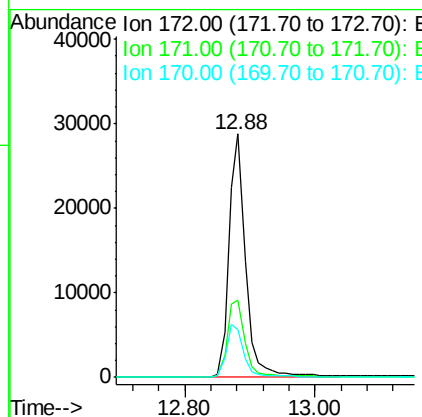
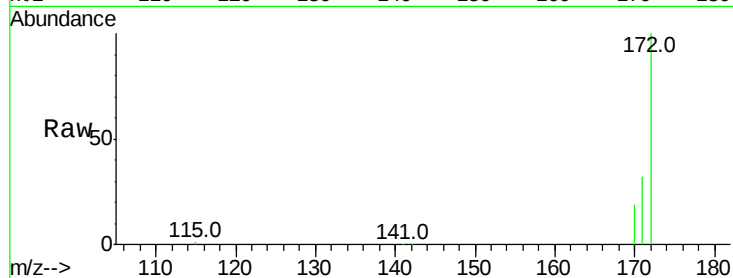




#15
2-Fluorobiphenyl
Concen: 4.36 ng
RT: 12.88 min Scan# 763
Delta R.T. 0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

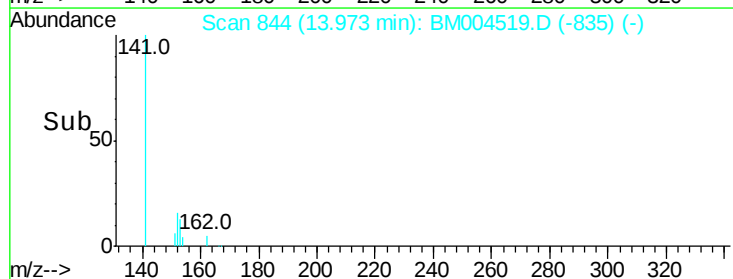
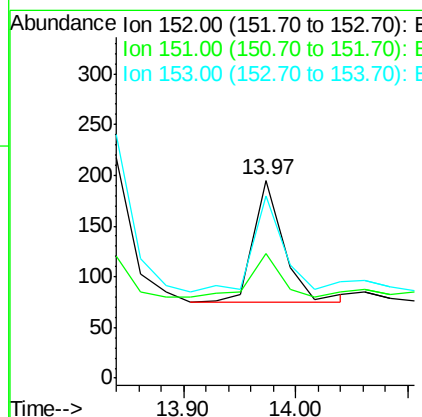
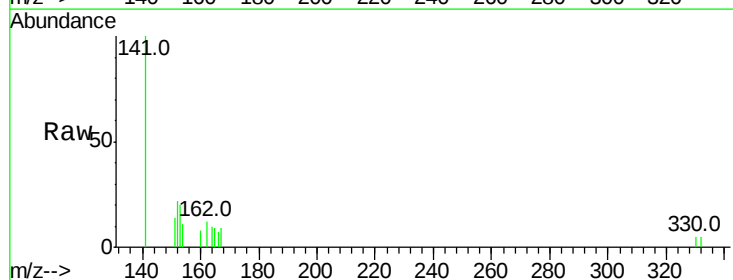
Instrument :
BNA_M
ClientSampleId :
MW-5

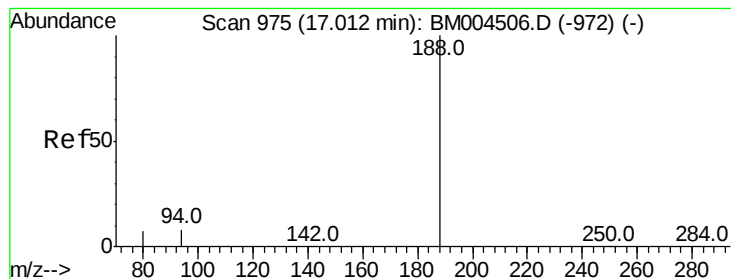
Tot Ion:172 Resp: 50432
Ion Ratio Lower Upper
172 100
171 32.0 29.5 44.3
170 19.5 20.2 30.2#



#16
Acenaphthylene
Concen: 0.11 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Tgt Ion:152 Resp: 229
Ion Ratio Lower Upper
152 100
151 34.5 15.8 23.6#
153 93.0 10.2 15.4#





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 975

Delta R.T. -0.00 min

Lab File: BM004519.D

Acq: 02 Mar 2016 14:32

Instrument :

BNA_M

ClientSampleId :

MW-5

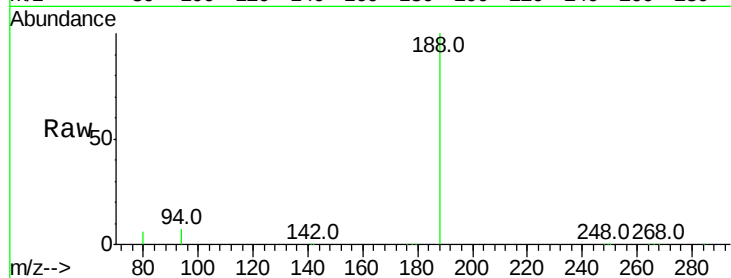
Tot Ion:188 Resp: 86927

Ion Ratio Lower Upper

188 100

94 6.8 6.3 9.5

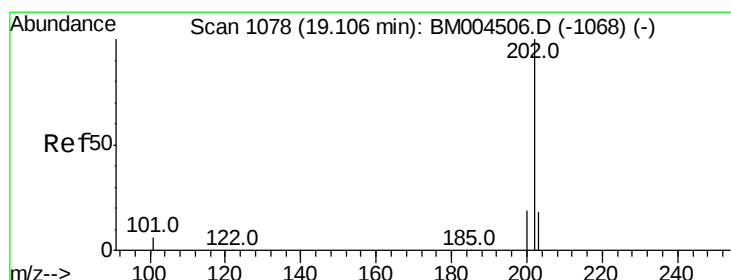
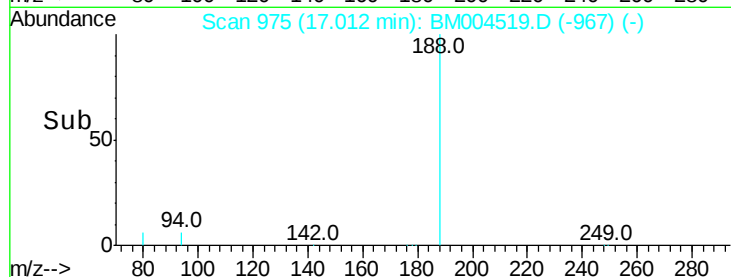
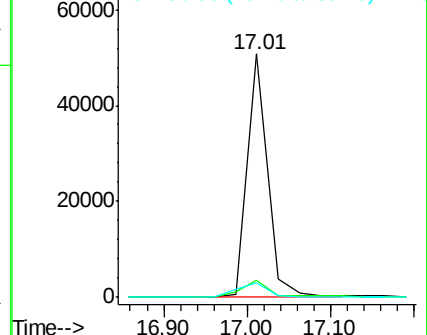
80 6.0 5.9 8.9



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



#25

Fluoranthene

Concen: 0.03 ng

RT: 19.11 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BM004519.D

Acq: 02 Mar 2016 14:32

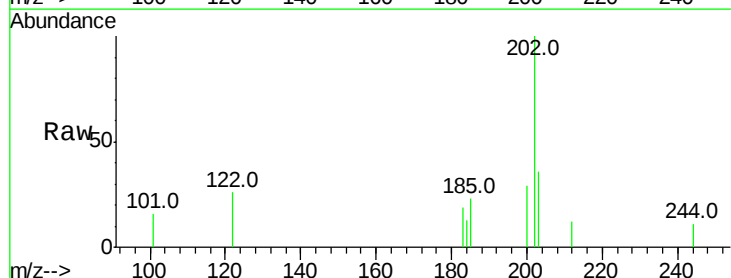
Tgt Ion:202 Resp: 1634

Ion Ratio Lower Upper

202 100

101 13.6 9.8 14.8

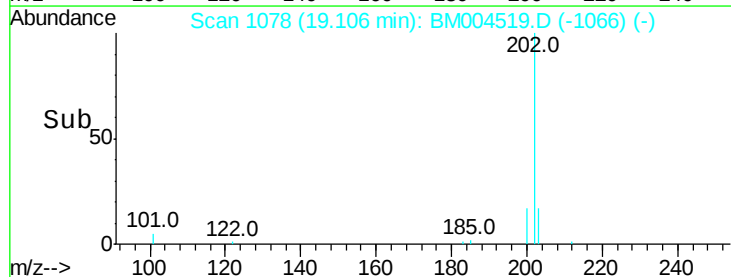
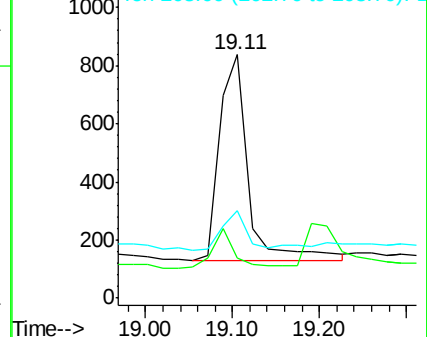
203 16.7 13.8 20.8

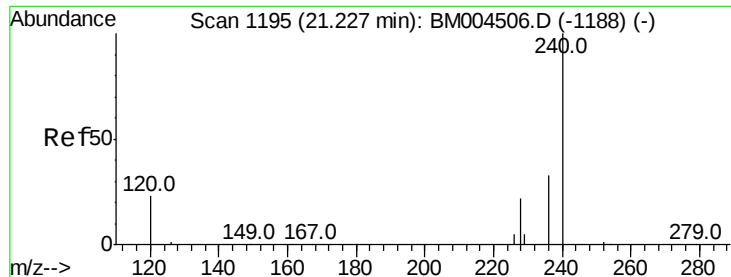


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

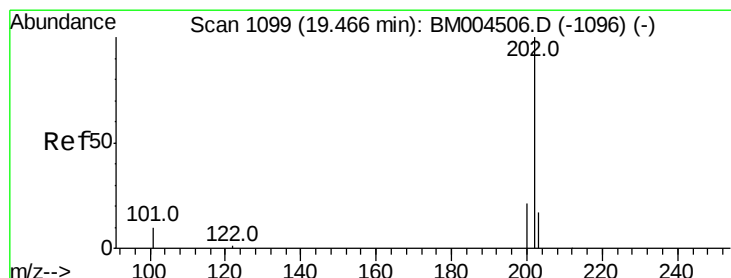
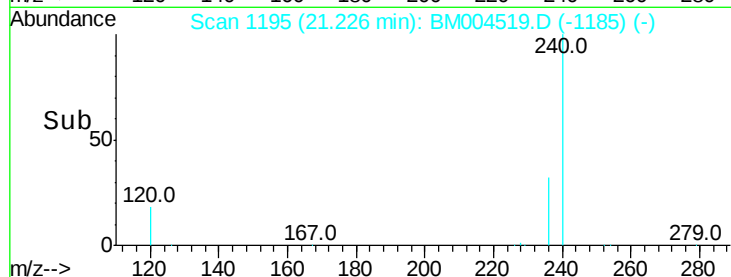
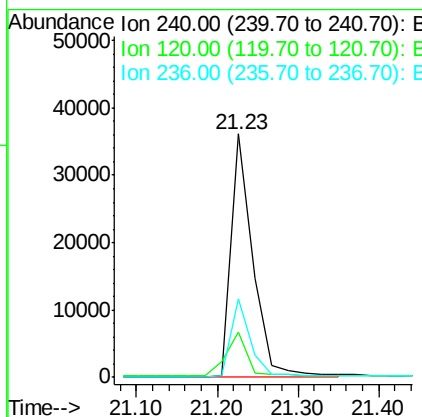
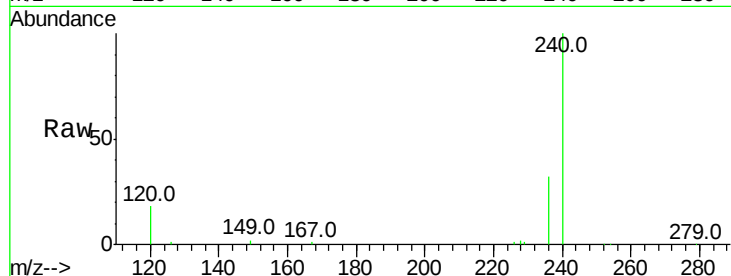




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

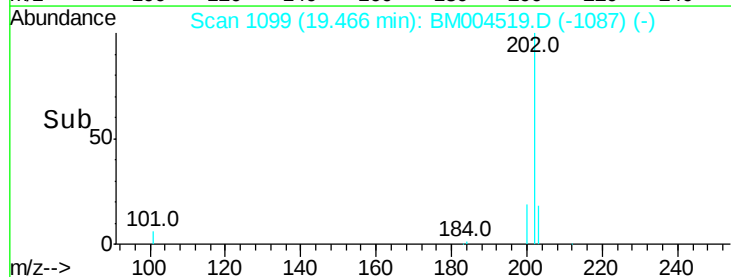
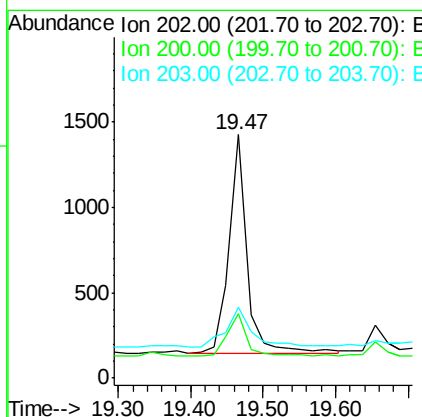
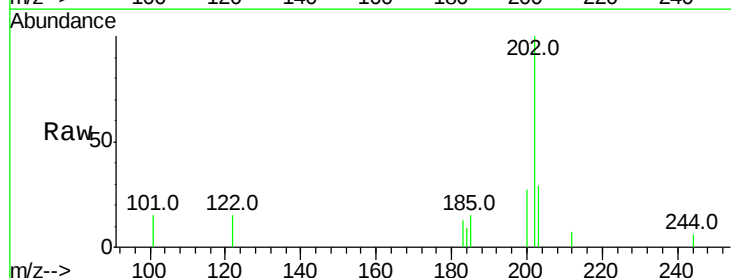
Instrument :
BNA_M
ClientSampleId :
MW-5

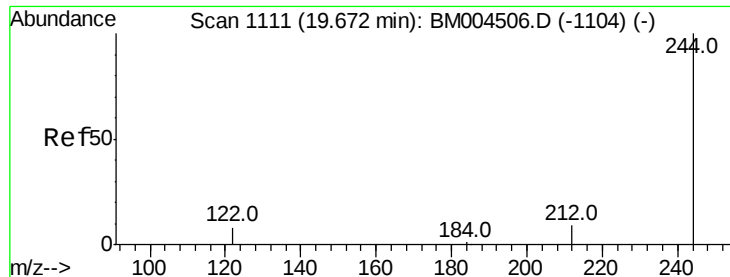
Tot Ion:240 Resp: 67173
Ion Ratio Lower Upper
240 100
120 18.4 18.9 28.3#
236 32.4 26.4 39.6



#28
Pyrene
Concen: 0.06 ng
RT: 19.47 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Tgt Ion:202 Resp: 2172
Ion Ratio Lower Upper
202 100
200 21.6 16.6 25.0
203 25.3 13.7 20.5#





#29

Terphenyl-d14

Concen: 4.75 ng

RT: 19.67 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BM004519.D

Acq: 02 Mar 2016 14:32

Instrument :

BNA_M

ClientSampleId :

MW-5

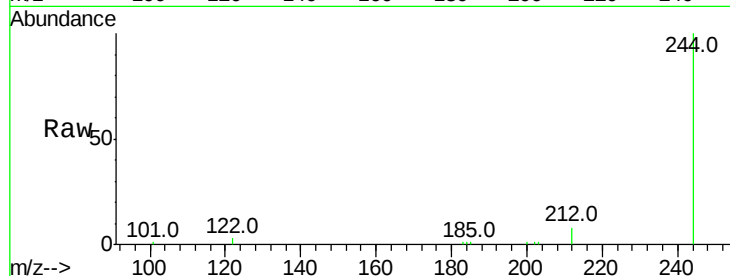
Tot Ion:244 Resp: 47351

Ion Ratio Lower Upper

244 100

212 8.4 7.8 11.6

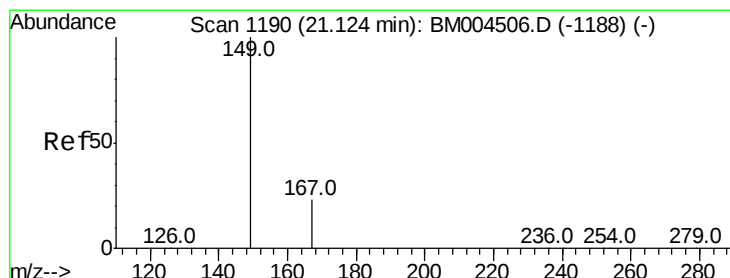
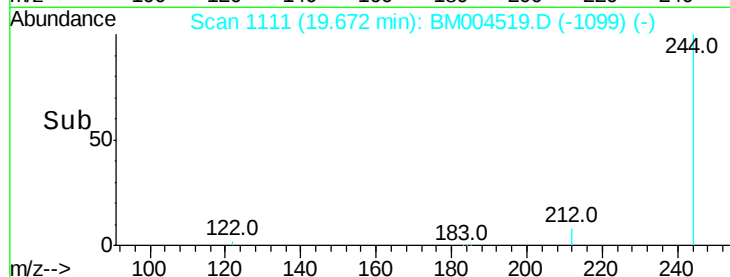
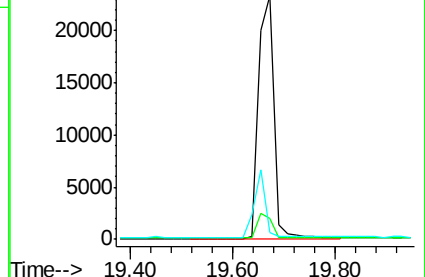
122 2.8 7.0 10.4#



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



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.27 ng

RT: 21.12 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BM004519.D

Acq: 02 Mar 2016 14:32

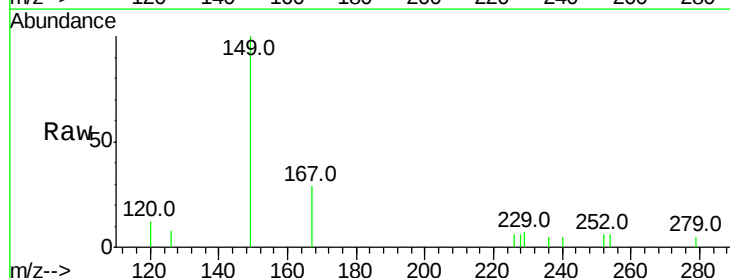
Tgt Ion:149 Resp: 2204

Ion Ratio Lower Upper

149 100

167 24.1 20.2 30.4

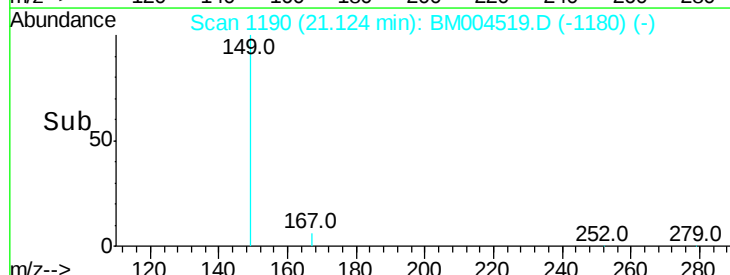
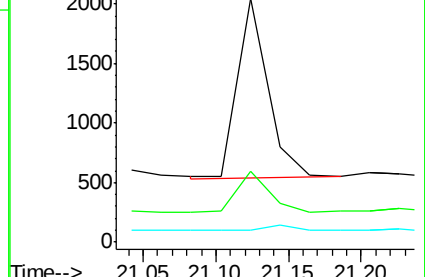
279 0.0 0.0 0.0

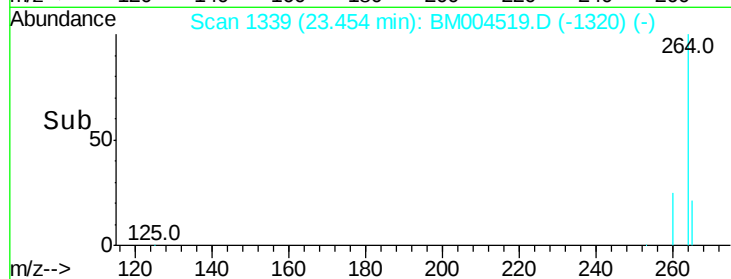
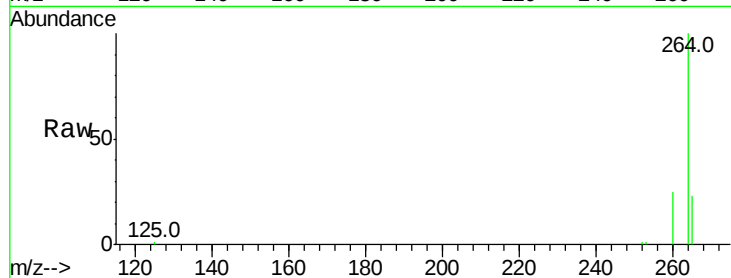
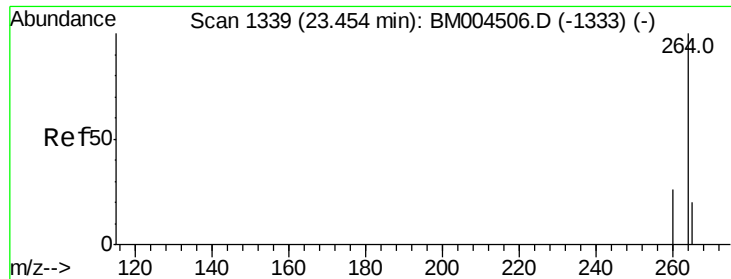


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Pervlene-d12

Concen: 5.00 ng

RT: 23.45 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BM004519.D

Acq: 02 Mar 2016 14:32

Instrument :

BNA_M

ClientSampleId :

MW-5

Tot Ion:264 Resp: 63156

Ion Ratio Lower Upper

264 100

260 25.3 21.2 31.8

265 22.9 17.4 26.0

