

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022916\
 Data File : BM004500.D
 Acq On : 01 Mar 2016 10:29
 Operator : SJ/UM
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

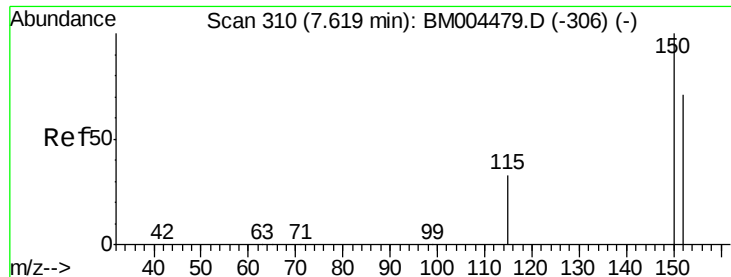
Quant Time: Mar 01 11:55:38 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 00:52:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	16652	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	66966	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	35997	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	74245	5.00	ng	0.00
26) Chrysene-d12	21.25	240	69282	5.00	ng	0.01
35) Perylene-d12	23.46	264	66641	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	3547	0.92	ng	0.02
5) Phenol-d6	6.83	99	4314	0.99	ng	0.02
8) Nitrobenzene-d5	8.79	82	3198	0.94	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	1231	0.89	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	10942	0.99	ng	0.00
29) Terphenyl-d14	19.67	244	9899	1.11	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	1636	1.00	ng	96
3) n-Nitrosodimethylamine	3.43	42	1540	0.91	ng	99
6) bis(2-Chloroethyl)ether	7.04	93	4567	0.99	ng	99
9) Nitrobenzene	8.84	77	4267	0.93	ng	99
10) Naphthalene	10.44	128	18555	0.97	ng	98
11) Hexachlorobutadiene	10.72	225	3082	1.00	ng	99
12) 2-Methylnaphthalene	12.08	142	11950	1.03	ng	96
16) Acenaphthylene	13.97	152	19554	0.95	ng	# 87
17) Acenaphthene	14.33	154	13636	1.01	ng	99
18) Fluorene	15.33	166	16946	1.03	ng	98
20) 4-Bromophenyl-phenylether	16.22	248	4300	1.18	ng	# 93
21) Hexachlorobenzene	16.35	284	5114	1.19	ng	# 100
22) Pentachlorophenol	16.73	266	919	1.15	ng	95
23) Phenanthrene	17.06	178	27611	1.13	ng	99
24) Anthracene	17.16	178	21622	0.98	ng	97
25) Fluoranthene	19.11	202	29163	1.04	ng	100
27) Benzidine	19.31	184	11136	1.32	ng	94
28) Pyrene	19.47	202	30615	1.12	ng	99
30) Benzo(a)anthracene	21.23	228	24540	0.96	ng	# 90
31) 3,3'-Dichlorobenzidine	21.16	252	23357	1.51	ng	87
32) Chrysene	21.23	228	24525	0.70	ng	95
33) Bis(2-ethylhexyl)phthalate	21.12	149	16485	0.83	ng	# 48
34) Indeno(1,2,3-cd)pyrene	25.69	276	25775	1.09	ng	100
36) Benzo(b)fluoranthene	22.80	252	27083	1.04	ng	100
37) Benzo(k)fluoranthene	22.84	252	25319	0.99	ng	100
38) Benzo(a)pyrene	23.36	252	23742	1.01	ng	99
39) Dibenzo(a,h)anthracene	25.70	278	20115	0.98	ng	99
40) Benzo(g,h,i)perylene	26.38	276	22146	0.99	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.62 min Scan# 310

Delta R.T. -0.00 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

Instrument :

BNA_M

ClientSampled :

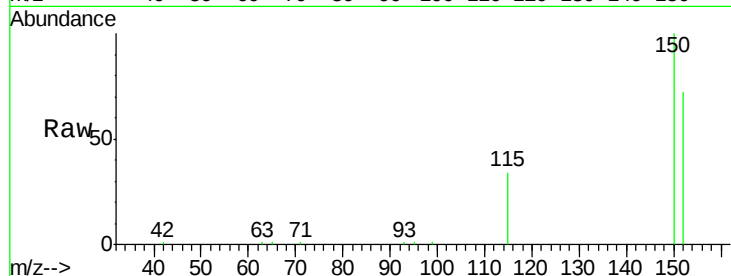
Tot Ion:152 Resp: 16652

Ion Ratio Lower Upper

152 100

150 139.5 111.9 167.9

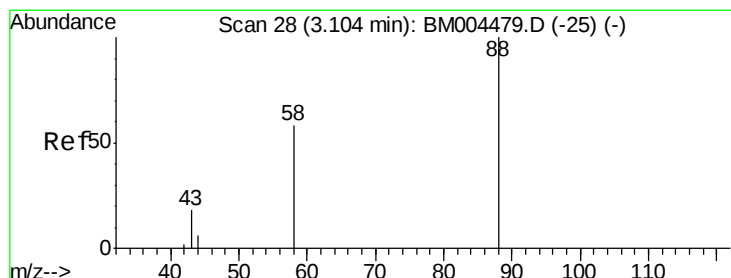
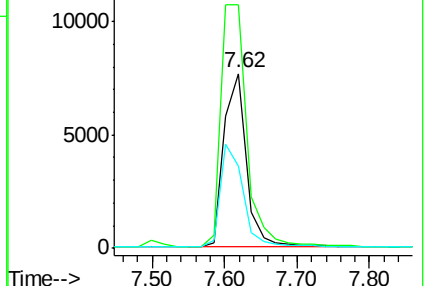
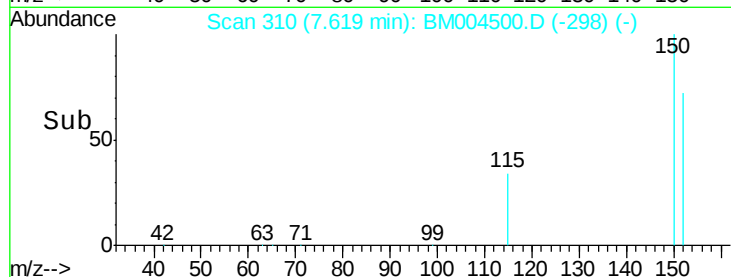
115 47.4 37.7 56.5



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



#2

1,4-Dioxane

Concen: 1.00 ng

RT: 3.10 min Scan# 28

Delta R.T. 0.00 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

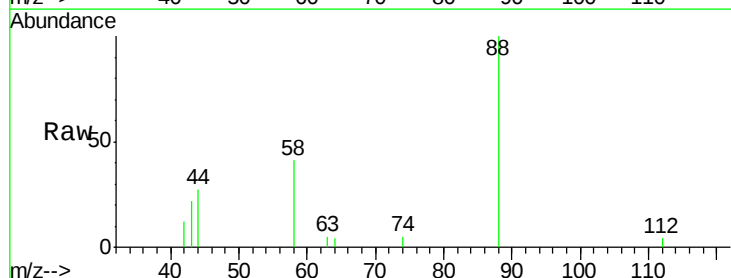
Tgt Ion: 88 Resp: 1636

Ion Ratio Lower Upper

88 100

58 59.8 45.4 68.0

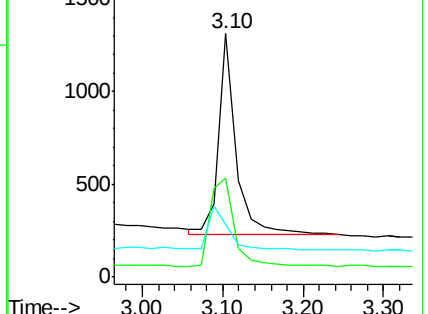
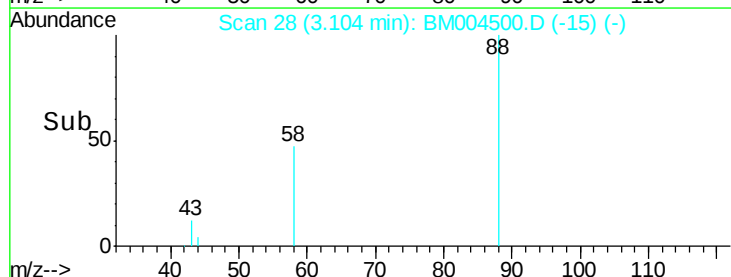
43 25.2 19.3 28.9

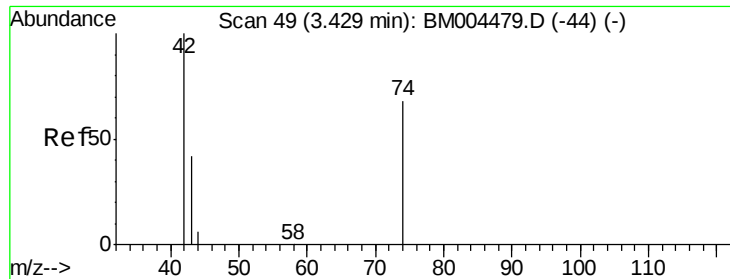


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.91 ng

RT: 3.43 min Scan# 49

Delta R.T. -0.00 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

Instrument :

BNA_M

ClientSampled :

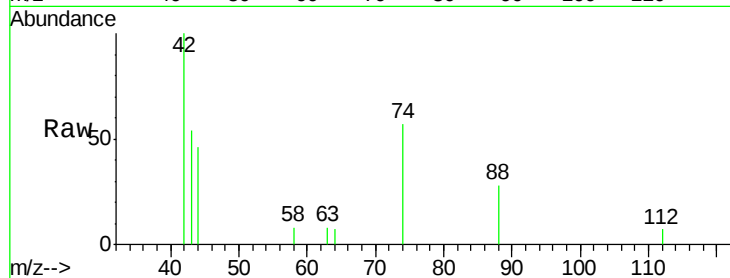
Tot Ion: 42 Resp: 1540

Ion Ratio Lower Upper

42 100

74 145.9 117.8 176.8

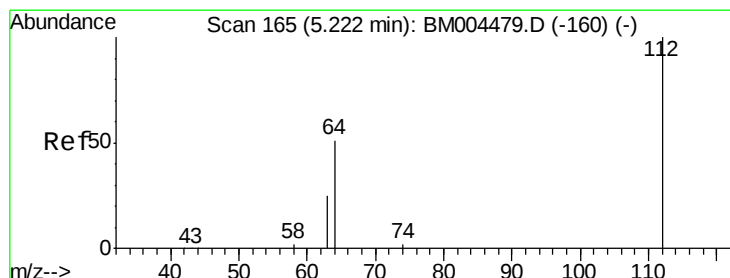
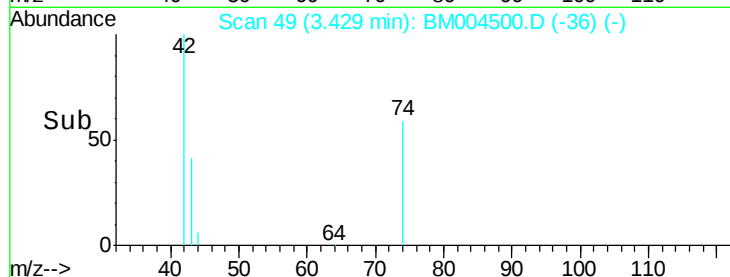
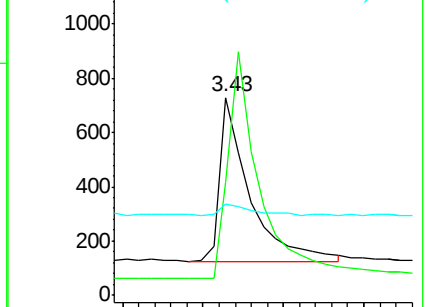
44 7.0 6.1 9.1



Abundance Ion 42.00 (41.70 to 42.70): BM004479.D (-44) (-)

Ion 74.00 (73.70 to 74.70): BM004479.D (-44) (-)

Ion 44.00 (43.70 to 44.70): BM004479.D (-44) (-)



#4

2-Fluorophenol

Concen: 0.92 ng

RT: 5.24 min Scan# 166

Delta R.T. 0.02 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

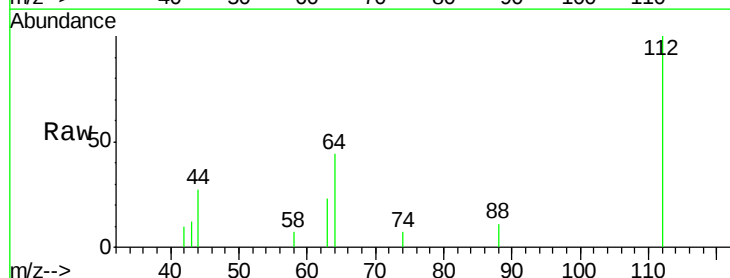
Tgt Ion: 112 Resp: 3547

Ion Ratio Lower Upper

112 100

64 48.7 39.6 59.4

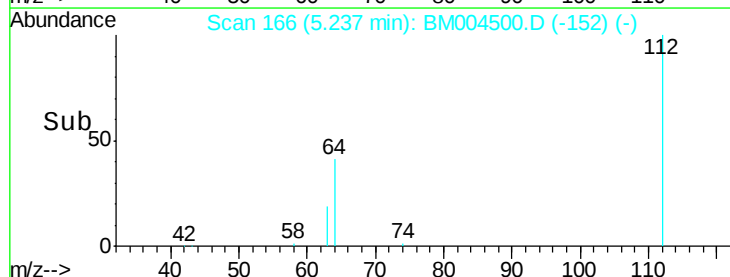
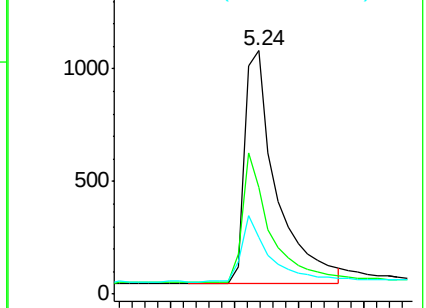
63 24.8 20.0 30.0

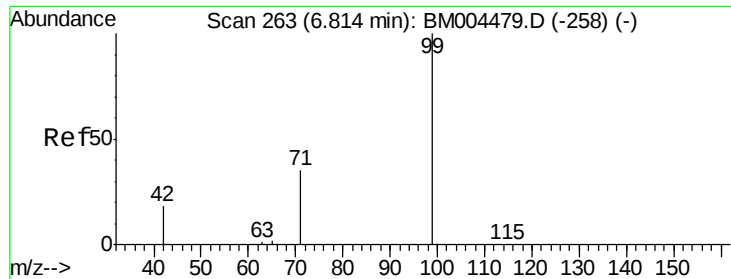


Abundance Ion 112.00 (111.70 to 112.70): BM004479.D (-160) (-)

Ion 64.00 (63.70 to 64.70): BM004479.D (-160) (-)

Ion 63.00 (62.70 to 63.70): BM004479.D (-160) (-)





#5

Phenol-d6

Concen: 0.99 ng

RT: 6.83 min Scan# 264

Delta R.T. 0.02 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

Instrument :

BNA_M

ClientSampleId :

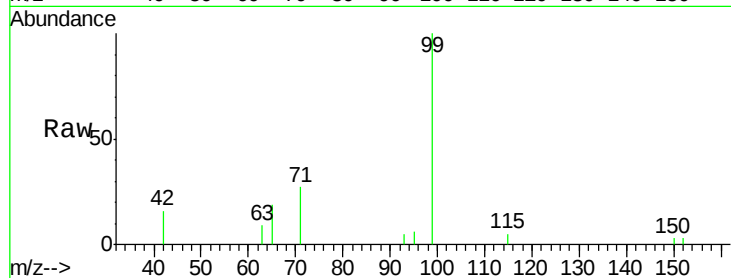
Tot Ion: 99 Resp: 4314

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

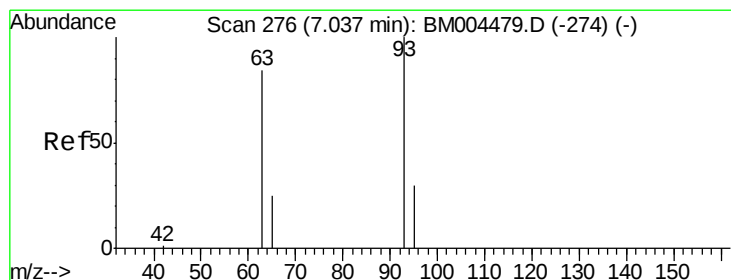
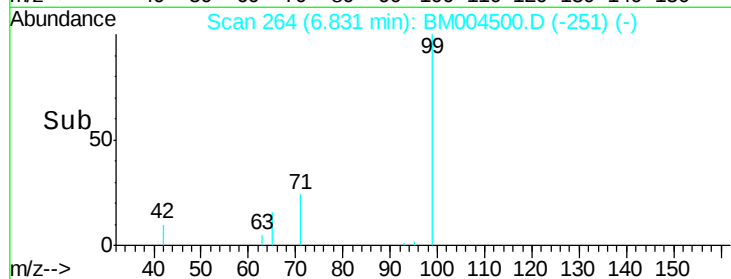
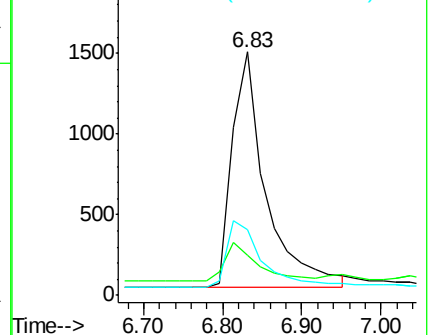
71 29.3 23.4 35.2



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) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.99 ng

RT: 7.04 min Scan# 276

Delta R.T. -0.00 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

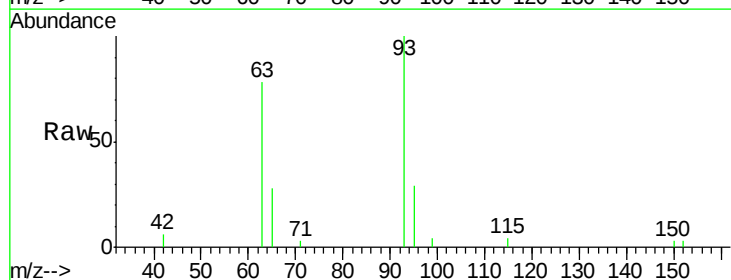
Tgt Ion: 93 Resp: 4567

Ion Ratio Lower Upper

93 100

63 65.3 51.7 77.5

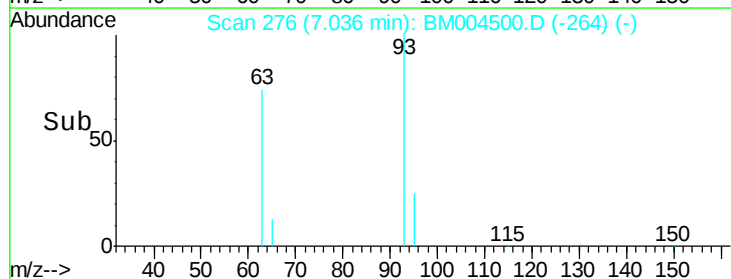
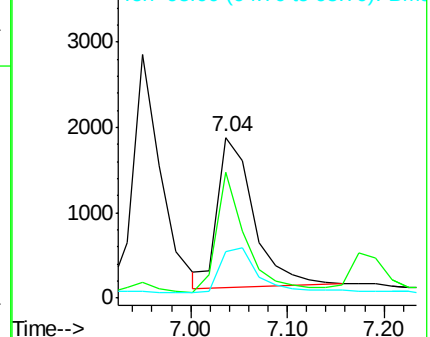
95 32.5 25.4 38.2

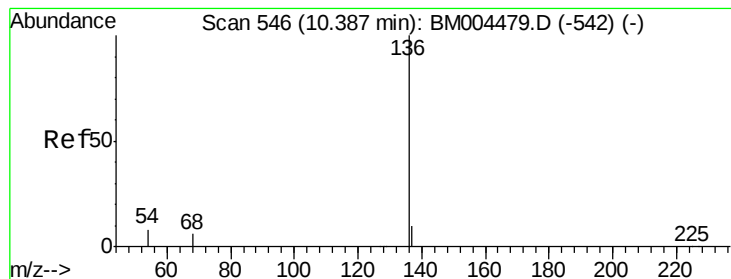


Abundance Ion 93.00 (92.70 to 93.70): BM004479.D (-274) (-)

Ion 63.00 (62.70 to 63.70): BM004479.D (-274) (-)

Ion 95.00 (94.70 to 95.70): BM004479.D (-274) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. 0.00 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 66966

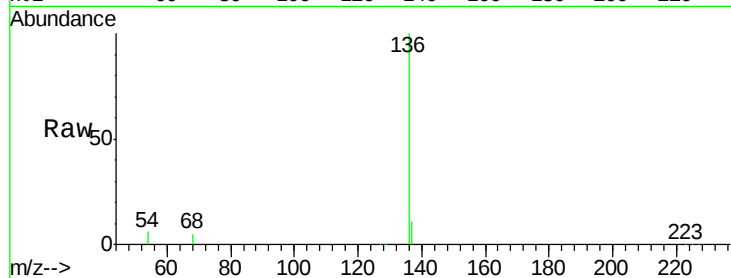
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.2

54 5.8 6.4 9.6#

68 4.7 5.0 7.4#

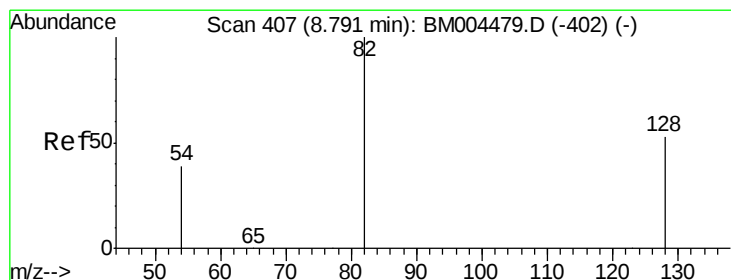
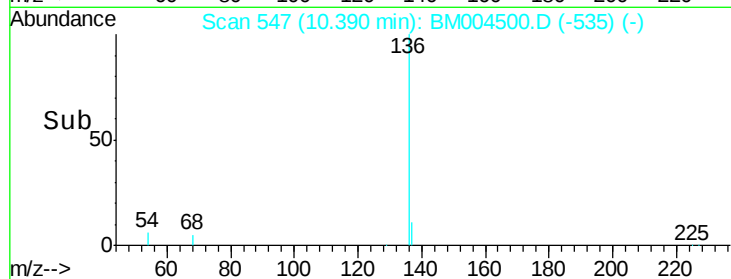
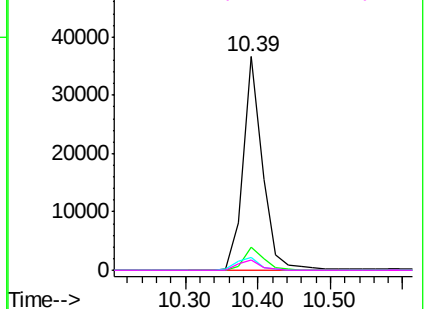


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 0.94 ng

RT: 8.79 min Scan# 408

Delta R.T. 0.00 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

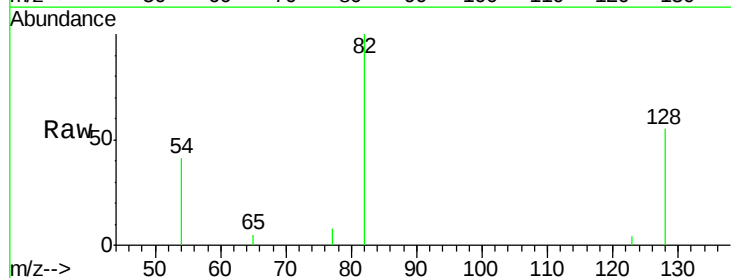
Tgt Ion: 82 Resp: 3198

Ion Ratio Lower Upper

82 100

128 54.8 43.7 65.5

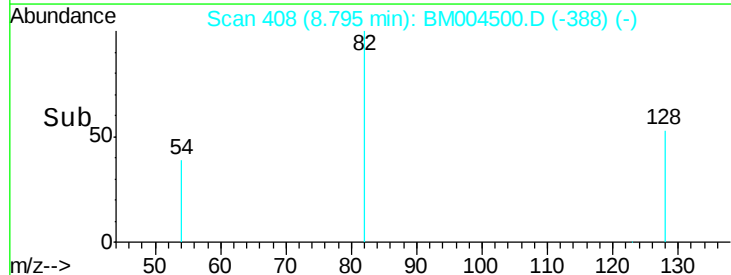
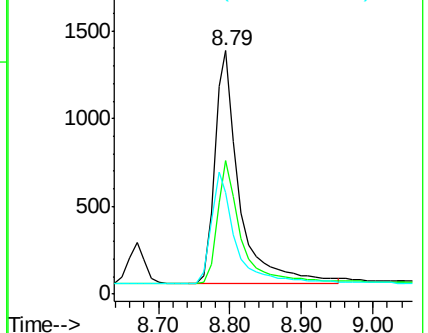
54 41.4 33.5 50.3

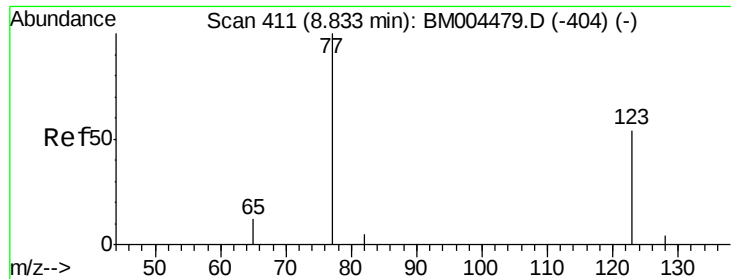


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.93 ng

RT: 8.84 min Scan# 412

Delta R.T. 0.00 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

Instrument :

BNA_M

ClientSampleId :

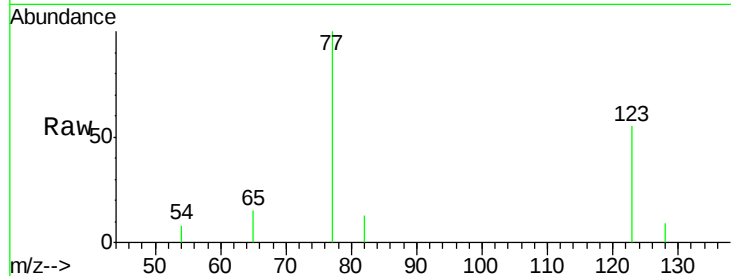
Tot Ion: 77 Resp: 4267

Ion Ratio Lower Upper

77 100

123 53.7 42.2 63.2

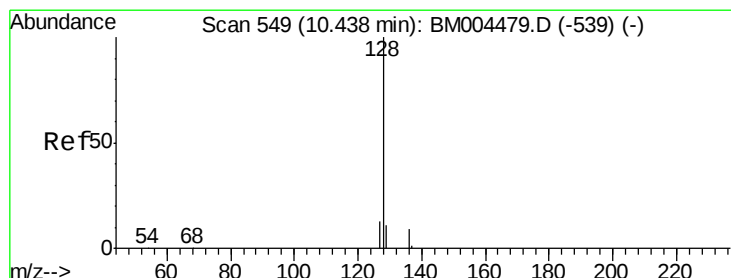
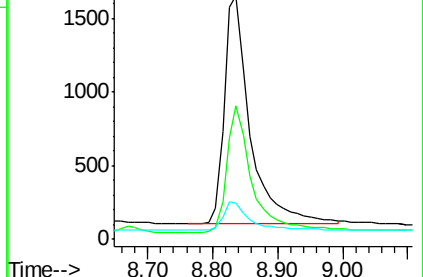
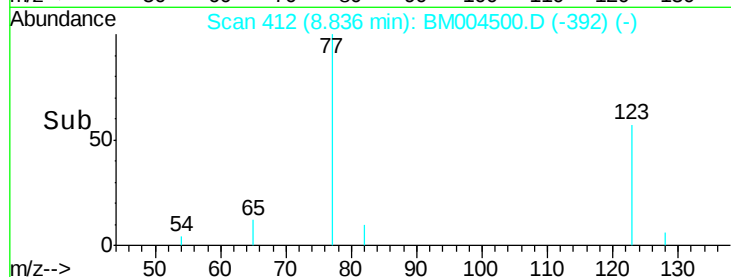
65 12.4 10.0 15.0



Abundance Ion 77.00 (76.70 to 77.70): BM004479.D (-404) (-)

Ion 123.00 (122.70 to 123.70): BM004479.D (-404) (-)

Ion 65.00 (64.70 to 65.70): BM004479.D (-404) (-)



#10

Naphthalene

Concen: 0.97 ng

RT: 10.44 min Scan# 550

Delta R.T. 0.00 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

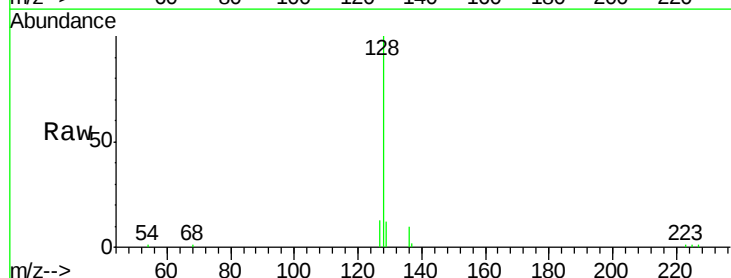
Tgt Ion: 128 Resp: 18555

Ion Ratio Lower Upper

128 100

129 11.7 8.9 13.3

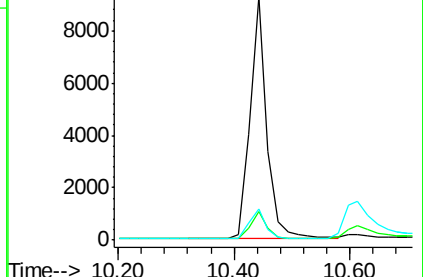
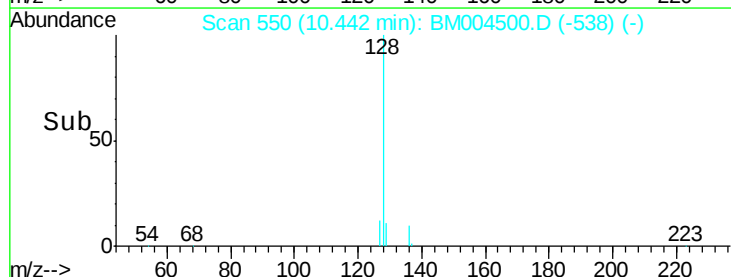
127 12.9 10.9 16.3

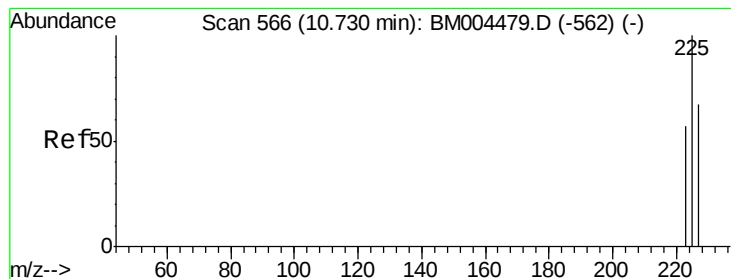


Abundance Ion 128.00 (127.70 to 128.70): BM004479.D (-539) (-)

Ion 129.00 (128.70 to 129.70): BM004479.D (-539) (-)

Ion 127.00 (126.70 to 127.70): BM004479.D (-539) (-)

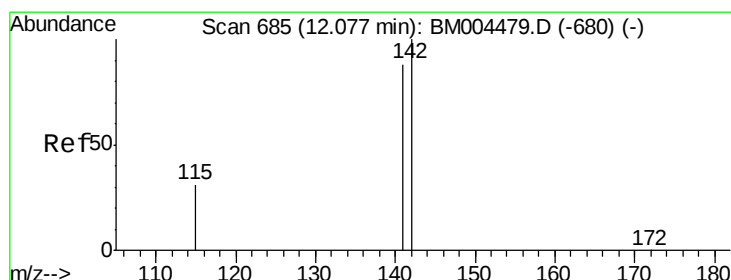
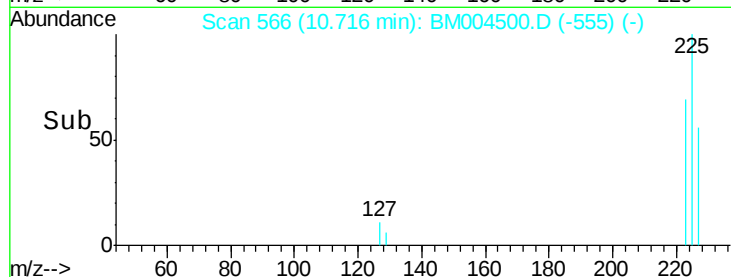
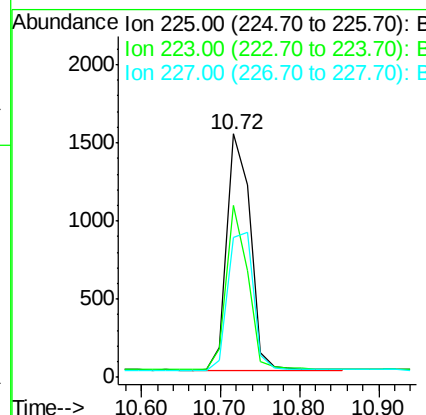
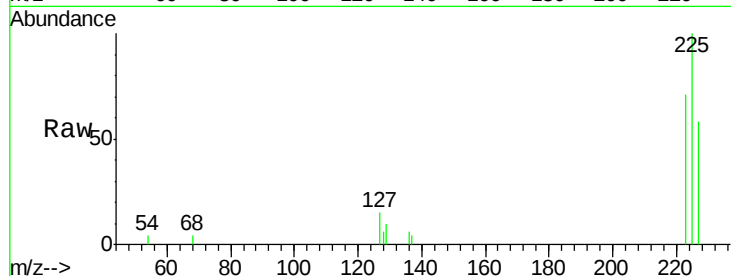




#11
Hexachlorobutadiene
Concen: 1.00 ng
RT: 10.72 min Scan# 566
Delta R.T. -0.01 min
Lab File: BM004500.D
Acq: 01 Mar 2016 10:29

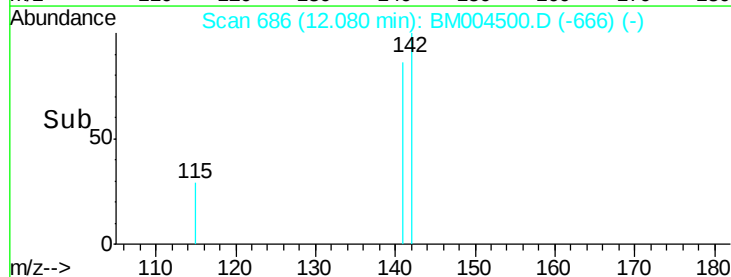
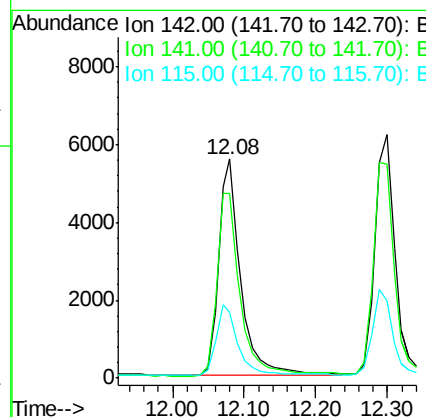
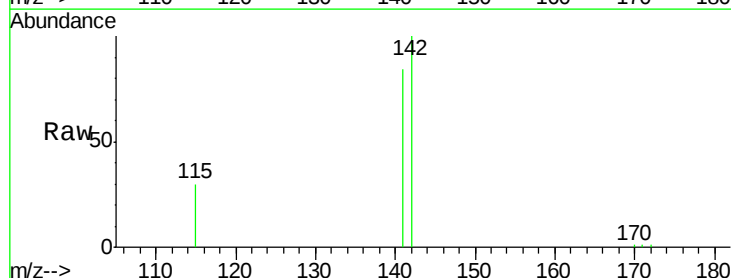
Instrument :
BNA_M
ClientSampleId :

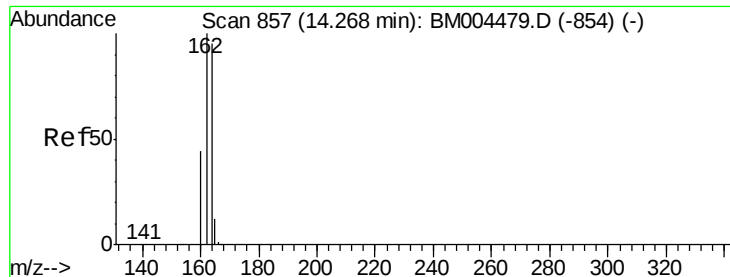
Tot Ion:225 Resp: 3082
Ion Ratio Lower Upper
225 100
223 63.3 50.3 75.5
227 64.0 50.6 75.8



#12
2-Methylnaphthalene
Concen: 1.03 ng
RT: 12.08 min Scan# 686
Delta R.T. 0.00 min
Lab File: BM004500.D
Acq: 01 Mar 2016 10:29

Tgt Ion:142 Resp: 11950
Ion Ratio Lower Upper
142 100
141 84.5 70.2 105.2
115 30.0 25.8 38.6





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

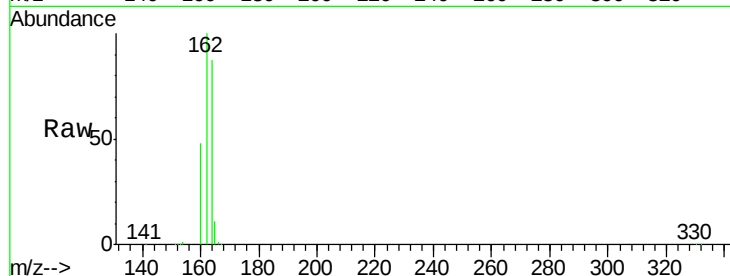
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 35997

Ion	Ratio	Lower	Upper
164	100		
162	114.3	84.2	126.4
160	54.9	37.4	56.2

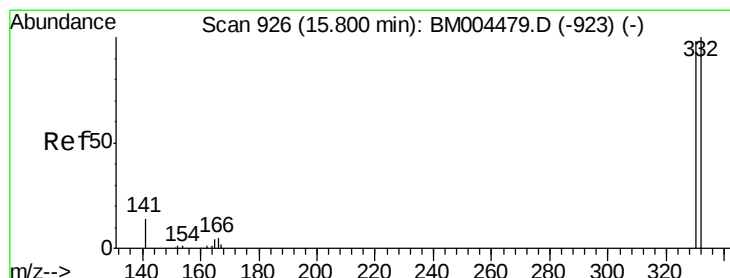
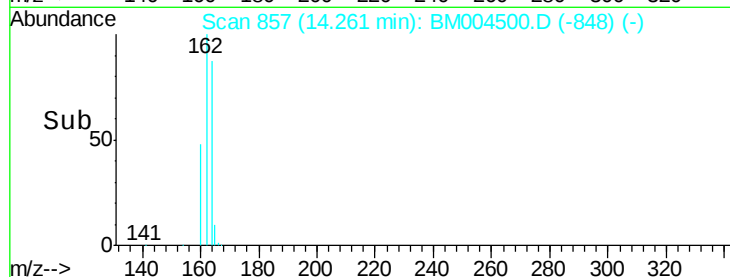
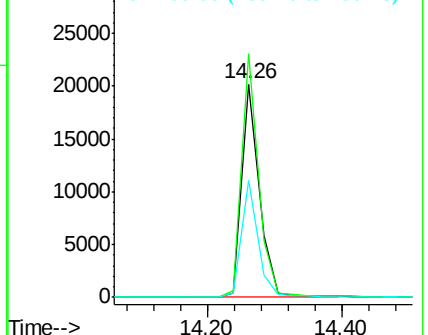


Abundance

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: 0.89 ng

RT: 15.79 min Scan# 926

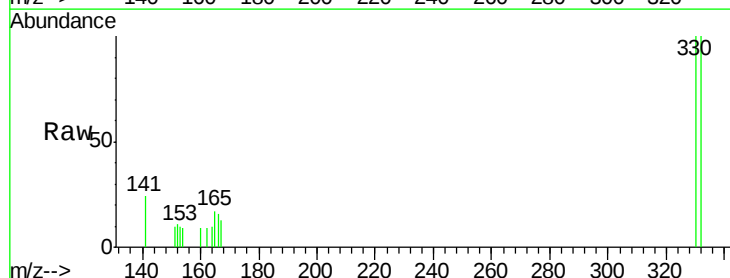
Delta R.T. -0.01 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

Tgt Ion:330 Resp: 1231

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.1	114.1
141	0.0	0.0	0.0

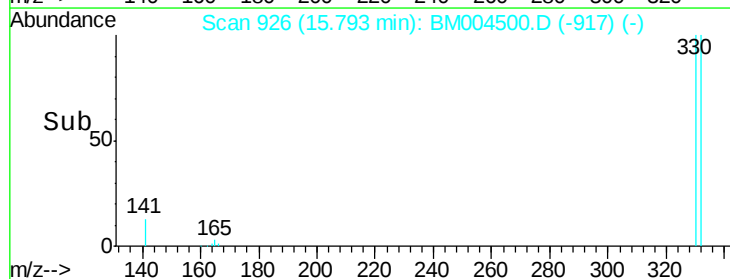
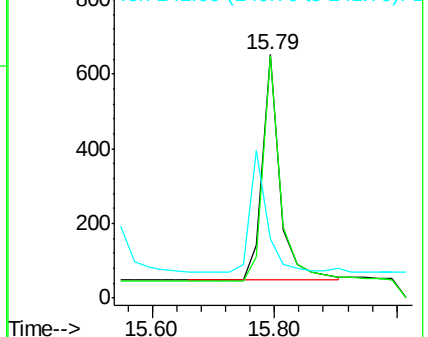


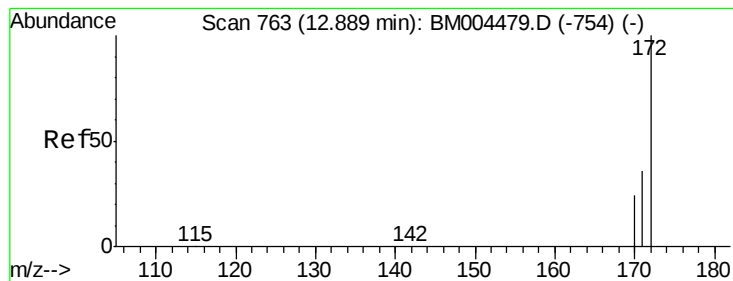
Abundance

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

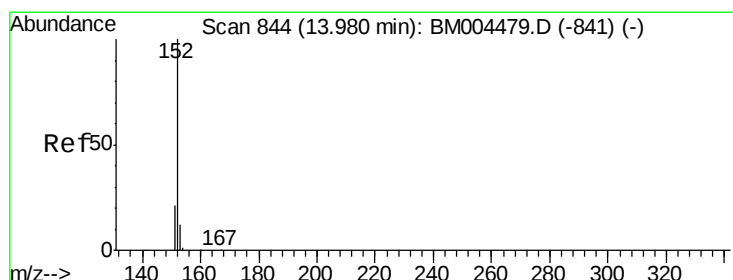
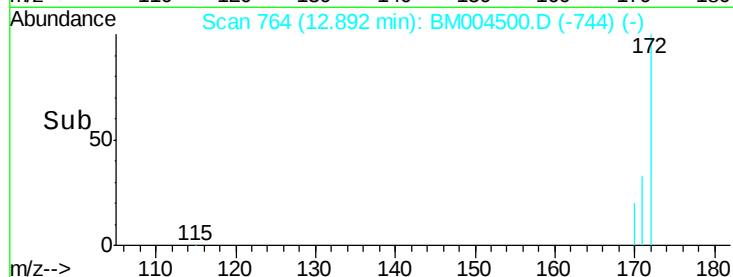
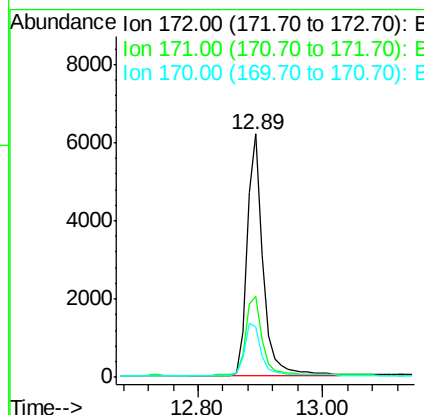
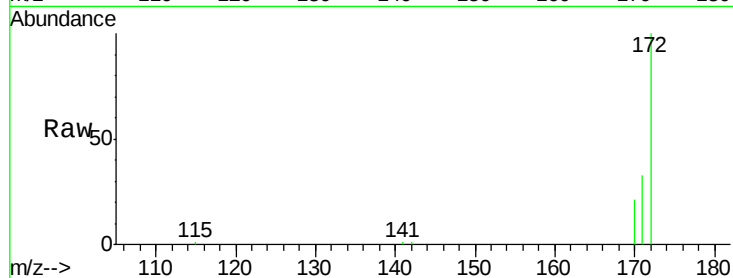




#15
2-Fluorobiphenyl
Concen: 0.99 ng
RT: 12.89 min Scan# 764
Delta R.T. 0.00 min
Lab File: BM004500.D
Acq: 01 Mar 2016 10:29

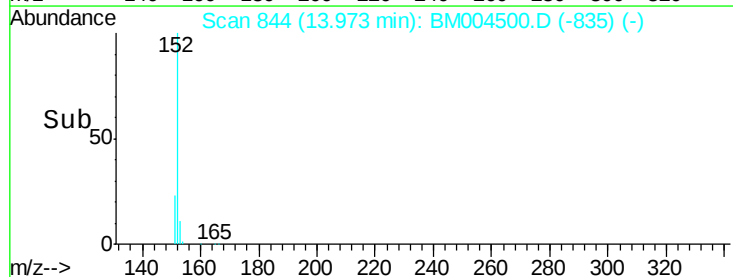
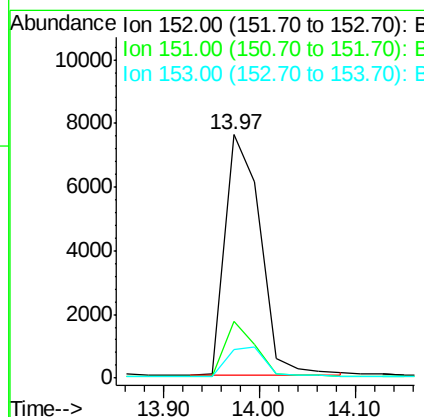
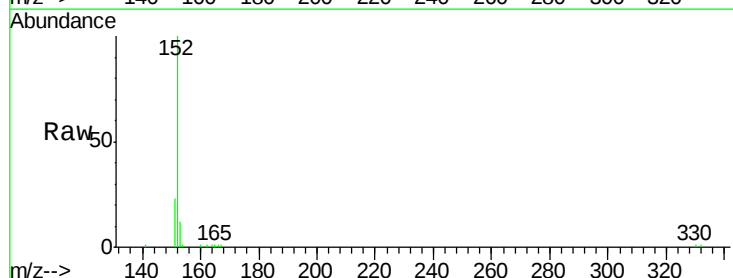
Instrument :
BNA_M
ClientSampleId :

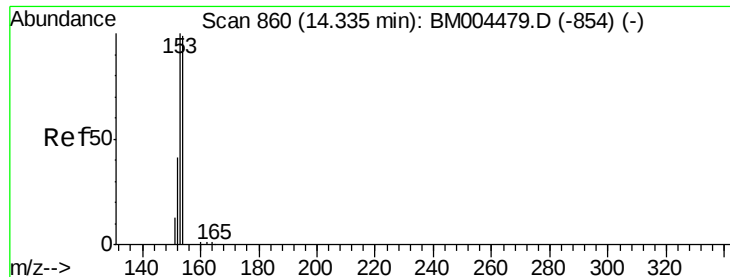
Tot Ion:172 Resp: 10942
Ion Ratio Lower Upper
172 100
171 33.3 29.2 43.8
170 20.7 19.7 29.5



#16
Acenaphthylene
Concen: 0.95 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.01 min
Lab File: BM004500.D
Acq: 01 Mar 2016 10:29

Tgt Ion:152 Resp: 19554
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 0.0 10.2 15.4#





#17

Acenaphthene

Concen: 1.01 ng

RT: 14.33 min Scan# 860

Delta R.T. -0.01 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

Instrument :

BNA_M

ClientSampleId :

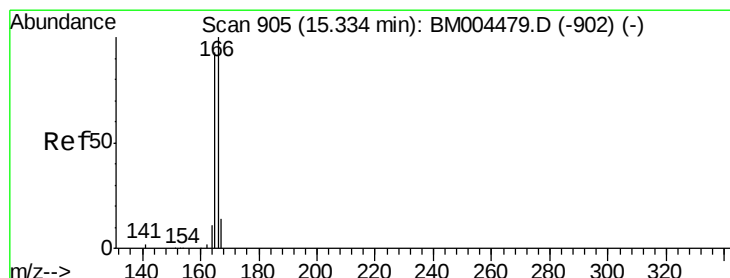
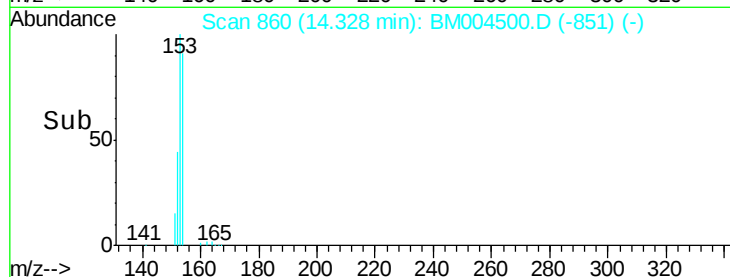
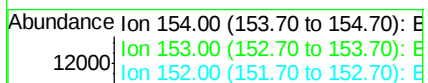
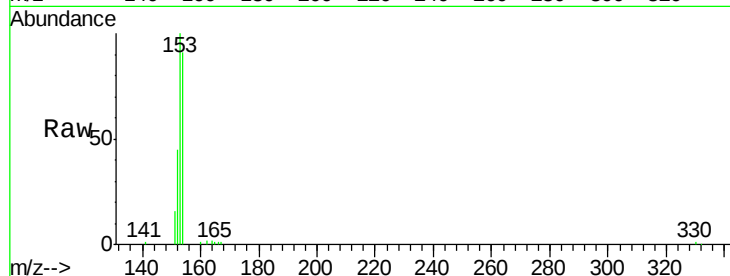
Tot Ion:154 Resp: 13636

Ion Ratio Lower Upper

154 100

153 110.9 88.0 132.0

152 50.9 41.1 61.7



#18

Fluorene

Concen: 1.03 ng

RT: 15.33 min Scan# 905

Delta R.T. -0.01 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

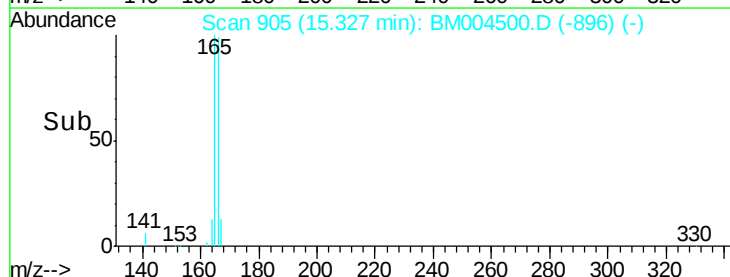
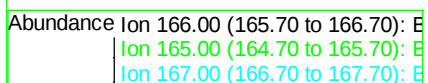
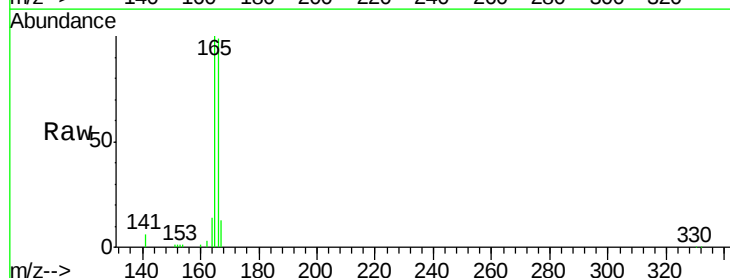
Tgt Ion:166 Resp: 16946

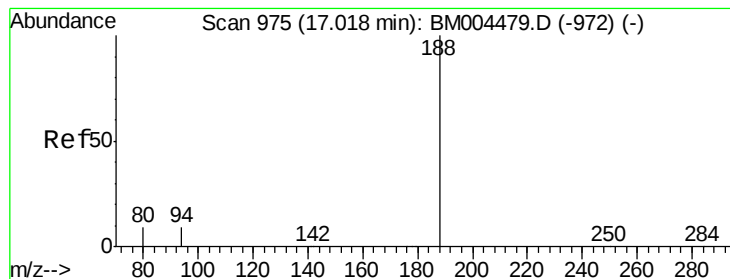
Ion Ratio Lower Upper

166 100

165 98.7 77.2 115.8

167 13.3 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: BM004500.D

Acq: 01 Mar 2016 10:29

Instrument :

BNA_M

ClientSampled :

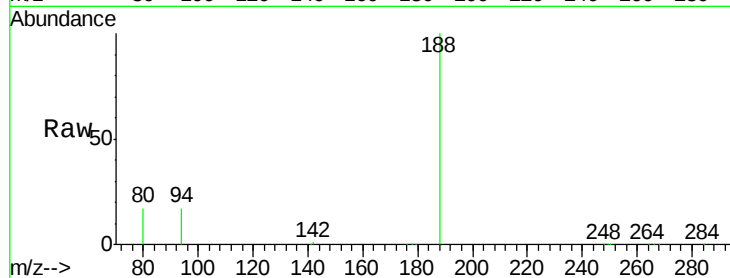
Tot Ion:188 Resp: 74245

Ion Ratio Lower Upper

188 100

94 16.5 7.4 11.0#

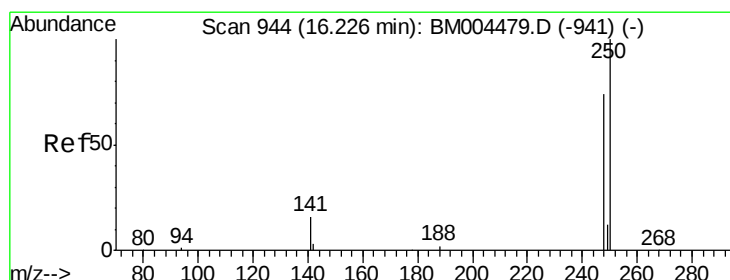
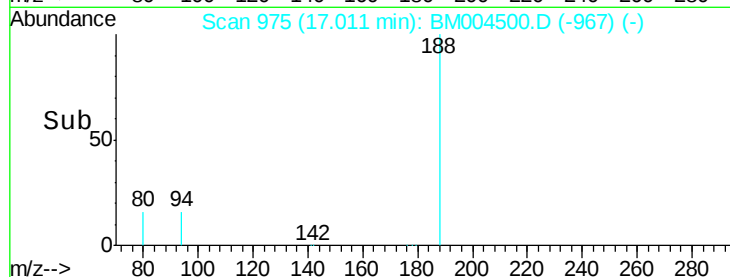
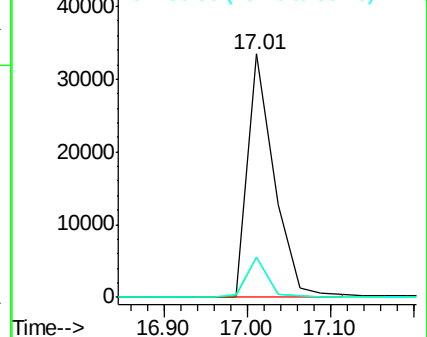
80 16.7 6.9 10.3#



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



#20

4-Bromophenyl-phenylether

Concen: 1.18 ng

RT: 16.22 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

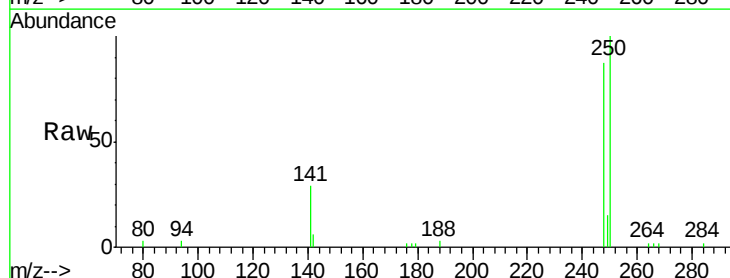
Tgt Ion:248 Resp: 4300

Ion Ratio Lower Upper

248 100

250 108.8 81.5 122.3

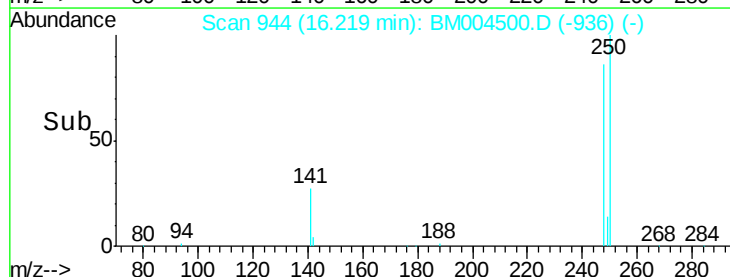
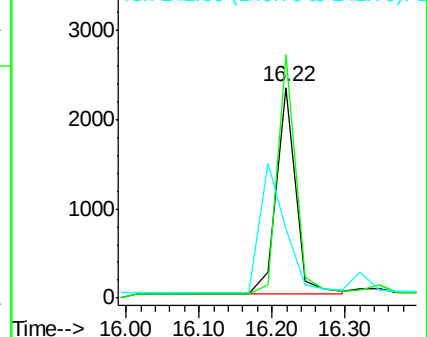
141 0.0 0.0 0.0

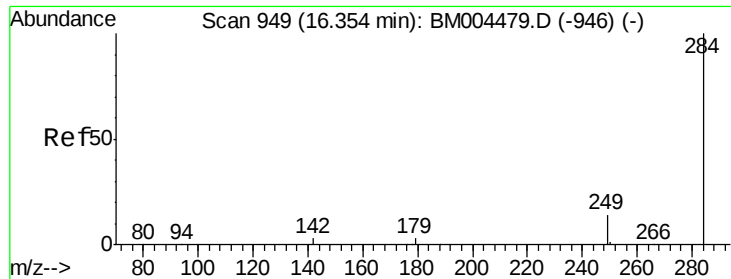


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

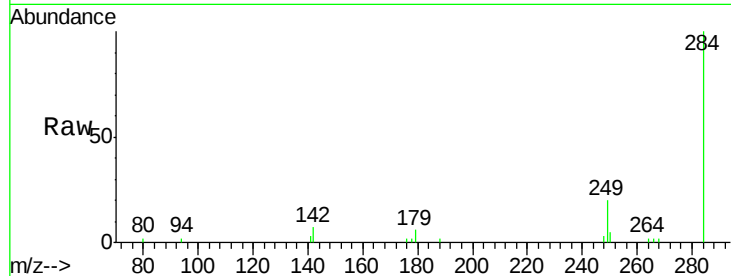




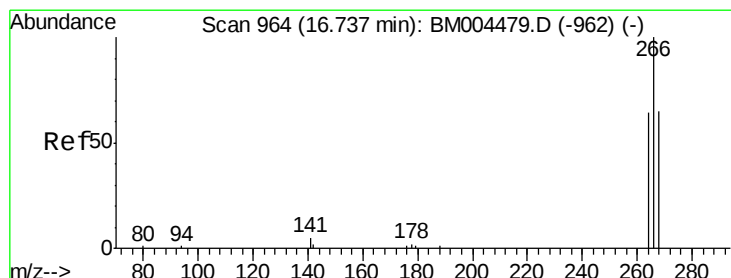
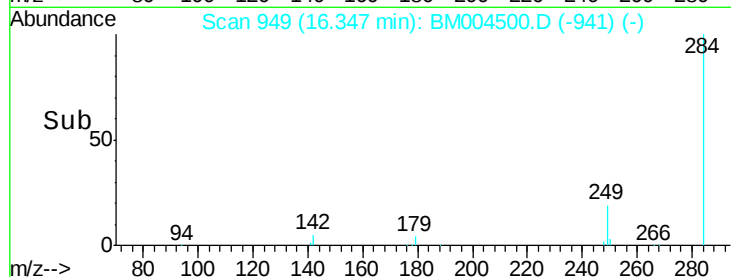
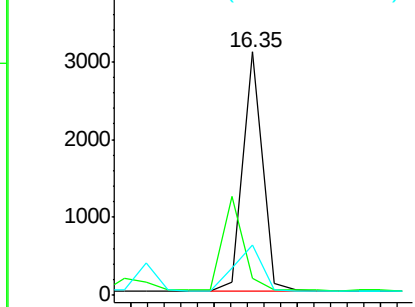
#21
Hexachlorobenzene
Concen: 1.19 ng
RT: 16.35 min Scan# 949
Delta R.T. -0.01 min
Lab File: BM004500.D
Acq: 01 Mar 2016 10:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:284 Resp: 5114
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 26.7 0.0 0.0#

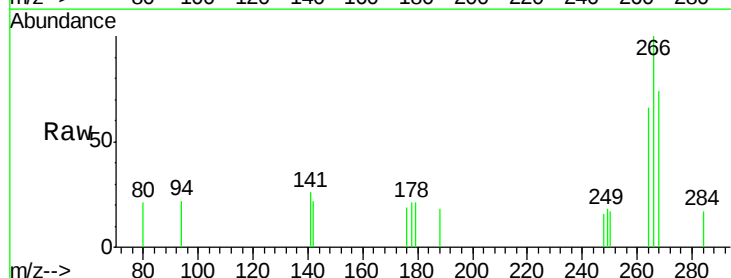


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

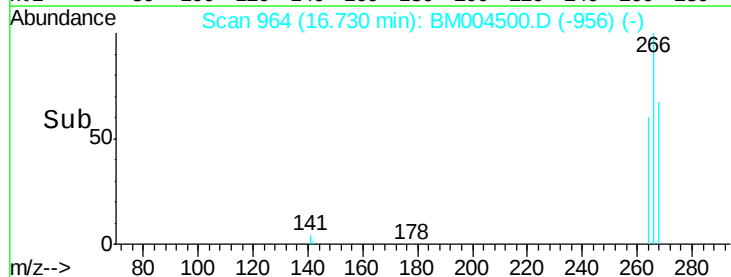
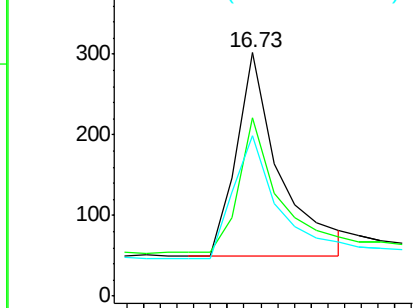


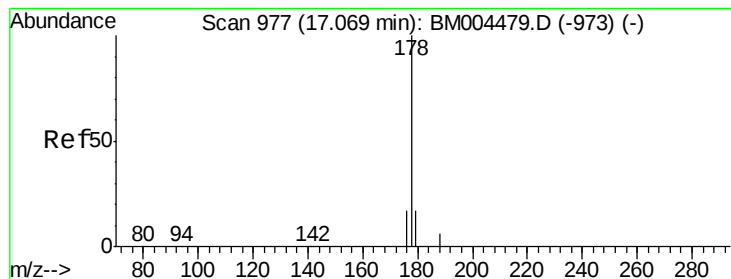
#22
Pentachlorophenol
Concen: 1.15 ng
RT: 16.73 min Scan# 964
Delta R.T. -0.01 min
Lab File: BM004500.D
Acq: 01 Mar 2016 10:29

Tgt Ion:266 Resp: 919
Ion Ratio Lower Upper
266 100
268 73.5 60.7 91.1
264 65.9 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: 1.13 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

Instrument :

BNA_M

ClientSampleId :

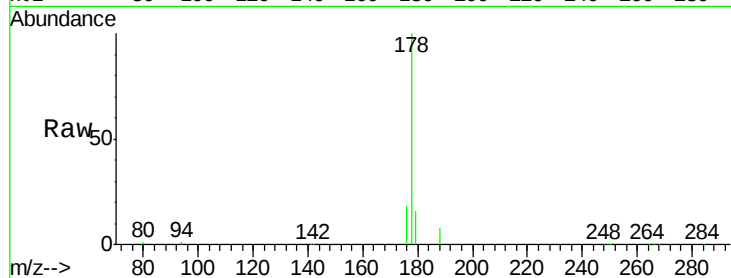
Tot Ion:178 Resp: 27611

Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

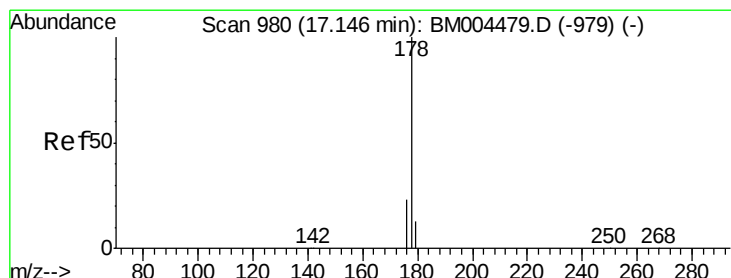
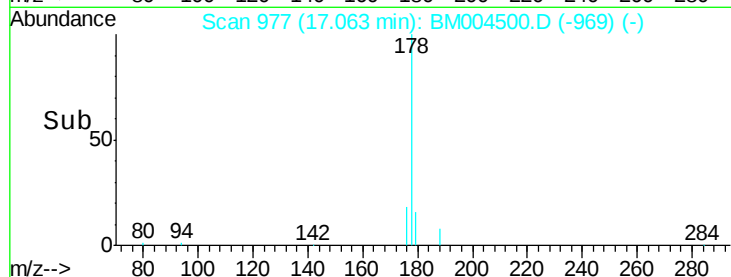
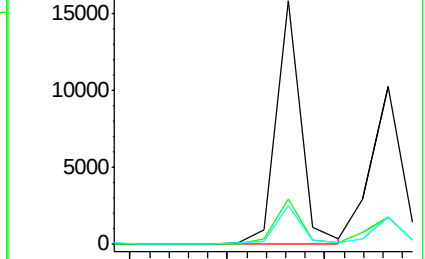
179 15.7 12.9 19.3



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: 0.98 ng

RT: 17.16 min Scan# 981

Delta R.T. 0.02 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

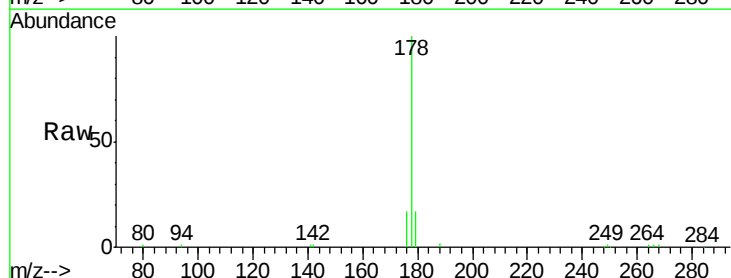
Tgt Ion:178 Resp: 21622

Ion Ratio Lower Upper

178 100

176 18.3 15.6 23.4

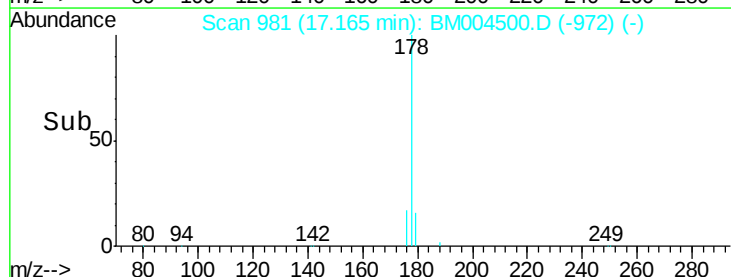
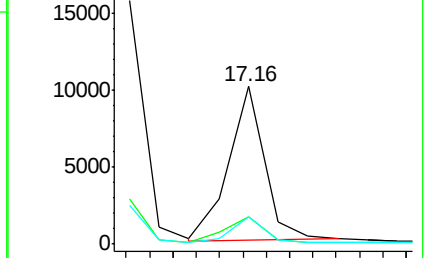
179 15.5 13.6 20.4

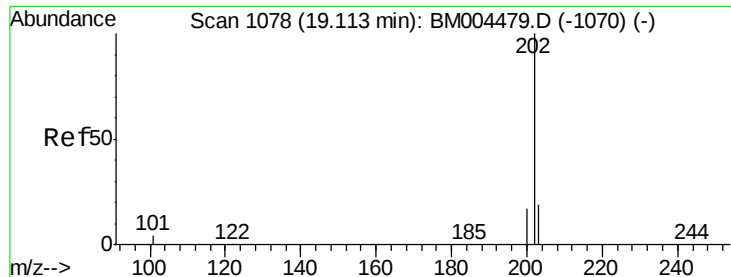


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 1.04 ng

RT: 19.11 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

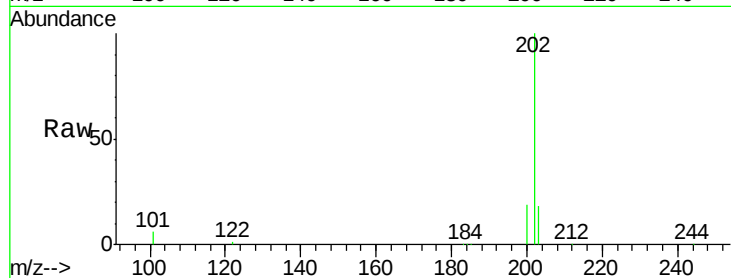
Instrument :

BNA_M

ClientSampled :

Tot Ion:202 Resp: 29163

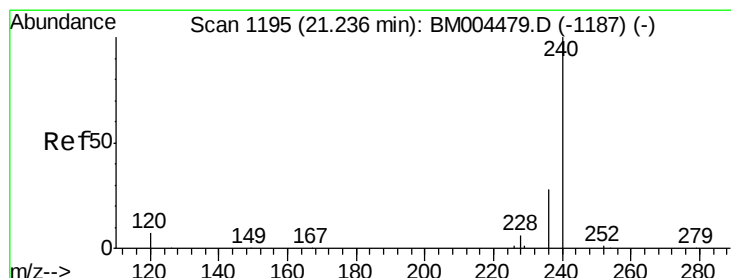
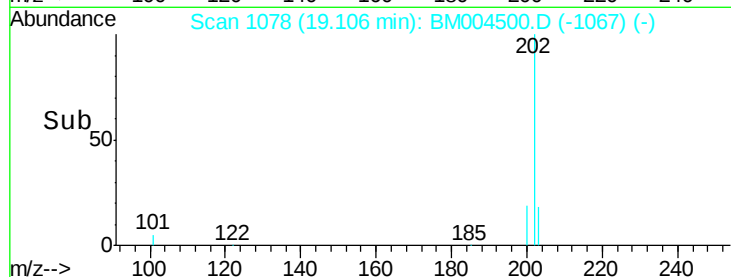
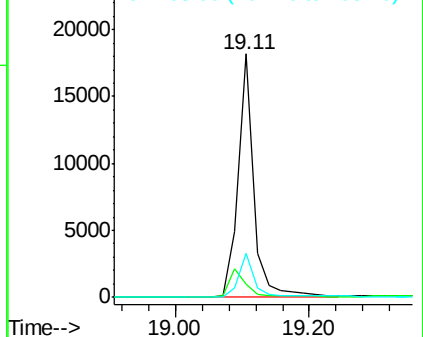
Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.4	14.2
203	17.3	13.9	20.9



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: 21.25 min Scan# 1196

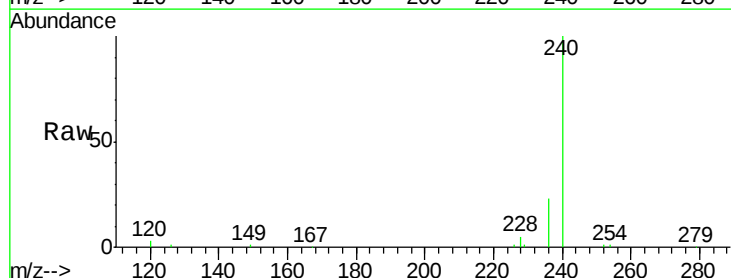
Delta R.T. 0.01 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

Tgt Ion:240 Resp: 69282

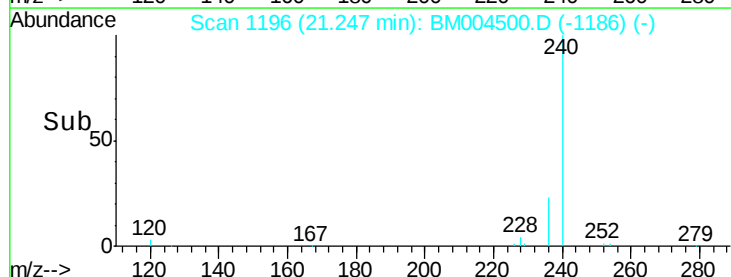
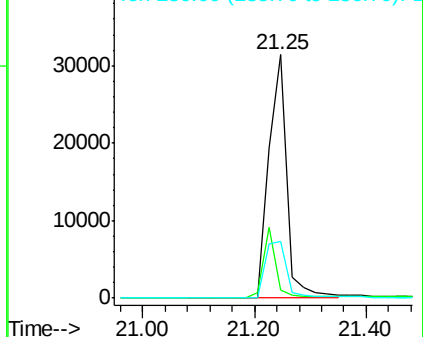
Ion	Ratio	Lower	Upper
240	100		
120	3.2	6.1	9.1#
236	23.2	22.6	34.0

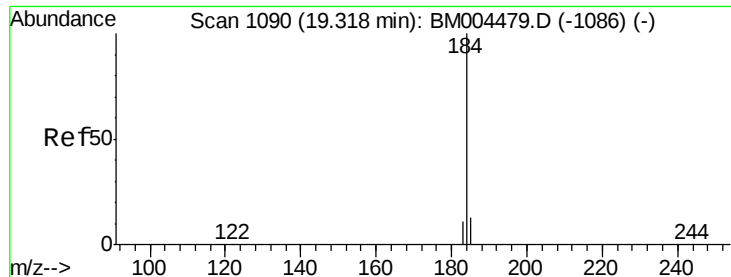


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

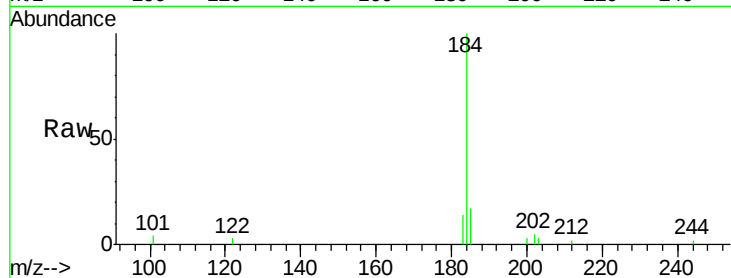




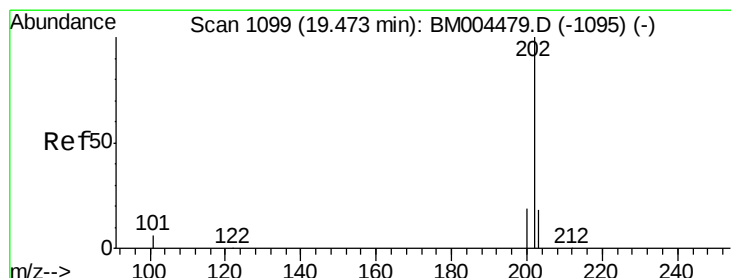
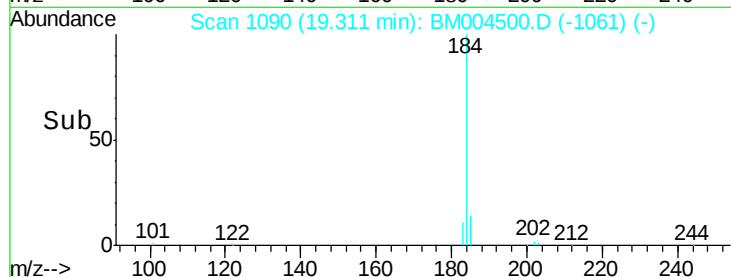
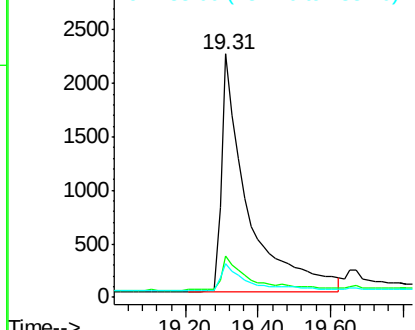
#27
Benzidine
Concen: 1.32 ng
RT: 19.31 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BM004500.D
Acq: 01 Mar 2016 10:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:184 Resp: 11136
Ion Ratio Lower Upper
184 100
185 16.9 16.6 24.8
183 13.8 12.3 18.5

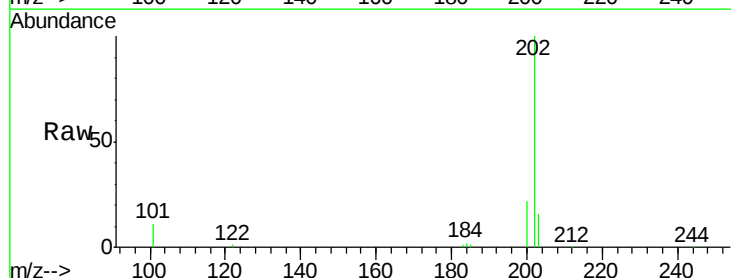


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

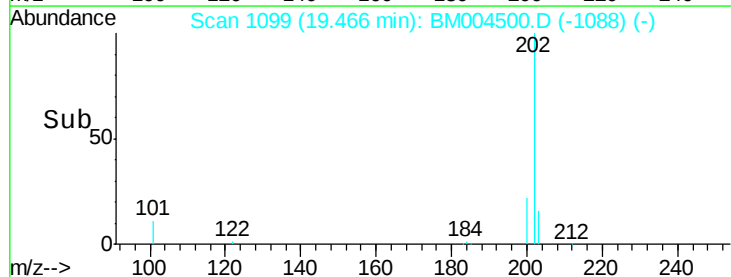
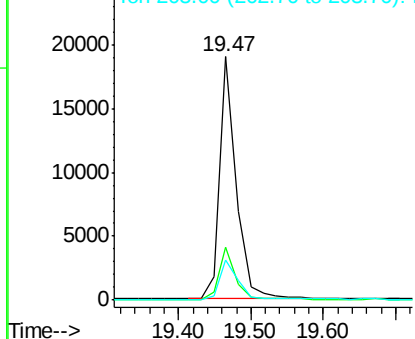


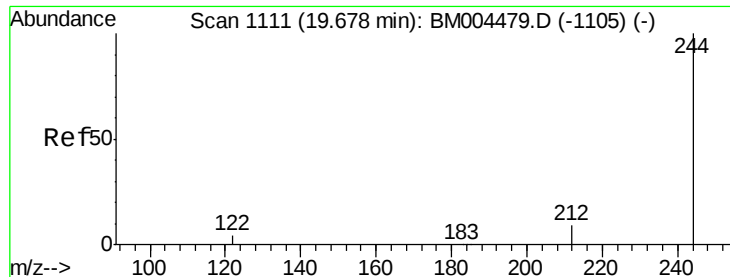
#28
Pyrene
Concen: 1.12 ng
RT: 19.47 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BM004500.D
Acq: 01 Mar 2016 10:29

Tgt Ion:202 Resp: 30615
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 17.3 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: 1.11 ng

RT: 19.67 min Scan# 1111

Delta R.T. -0.01 min

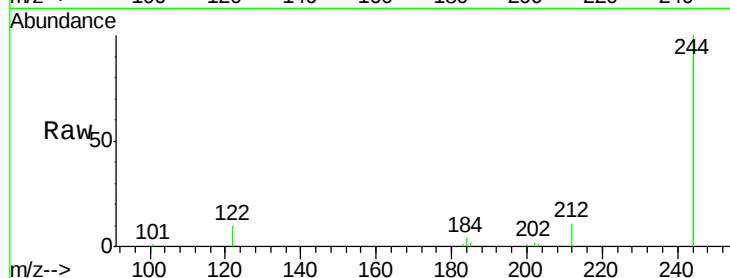
Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

Instrument :

BNA_M

ClientSampleId :



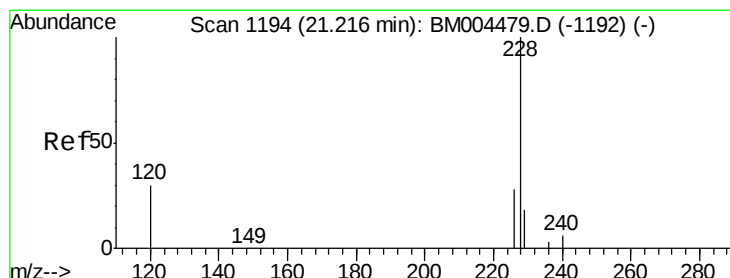
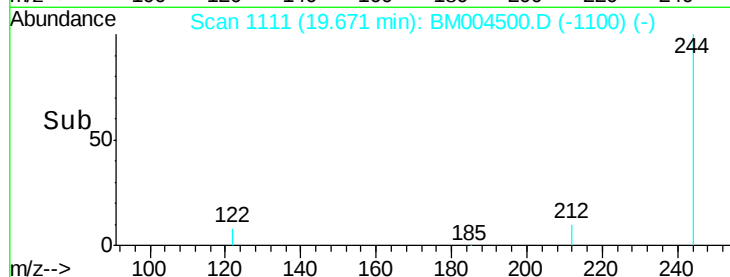
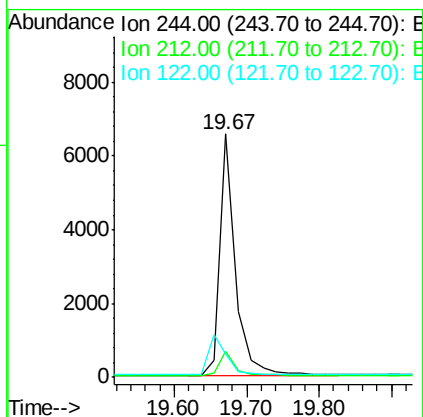
Tot Ion:244 Resp: 9899

Ion Ratio Lower Upper

244 100

212 10.6 7.5 11.3

122 9.7 4.2 6.2#



#30

Benzo(a)anthracene

Concen: 0.96 ng

RT: 21.23 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

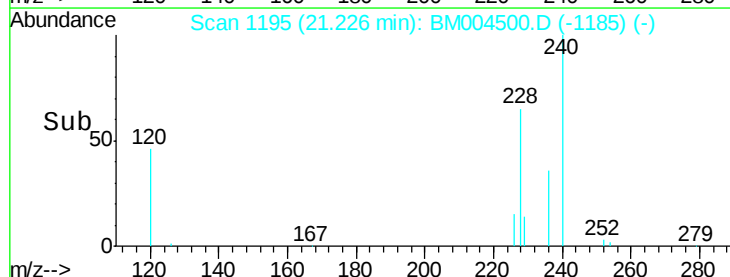
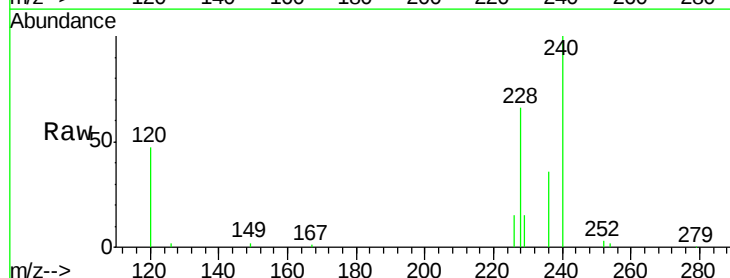
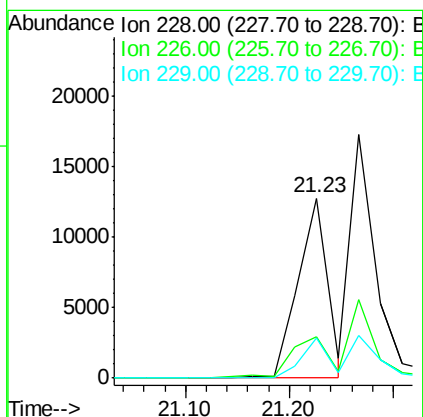
Tgt Ion:228 Resp: 24540

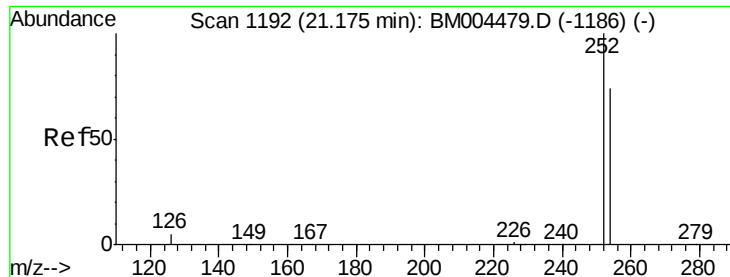
Ion Ratio Lower Upper

228 100

226 23.3 22.8 34.2

229 22.4 14.6 22.0#

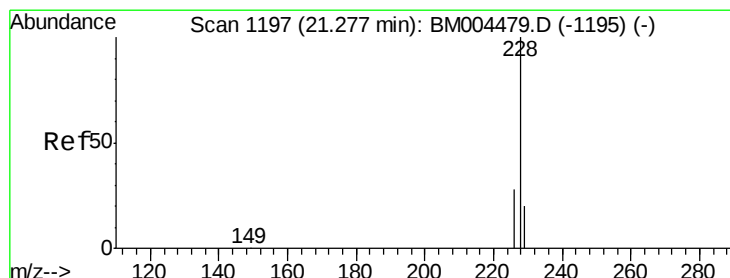
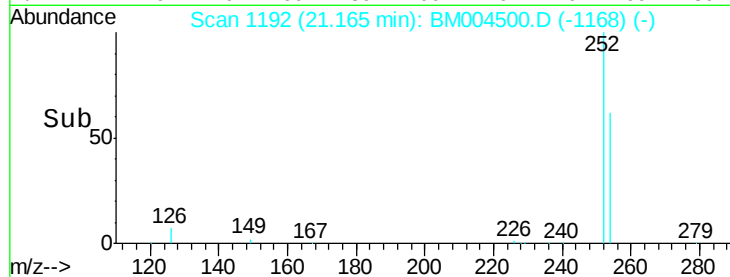
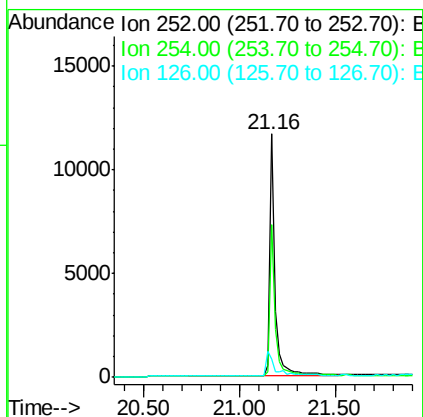
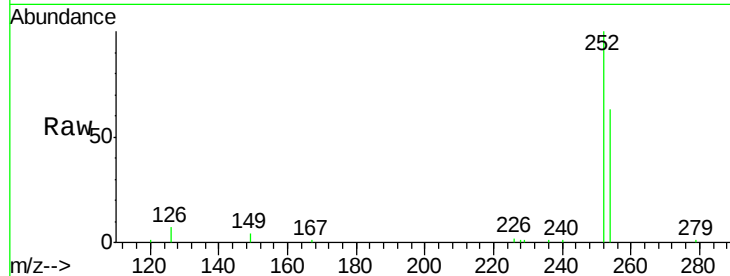




#31
 3,3'-Dichlorobenzidine
 Concen: 1.51 ng
 RT: 21.16 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM004500.D
 Acq: 01 Mar 2016 10:29

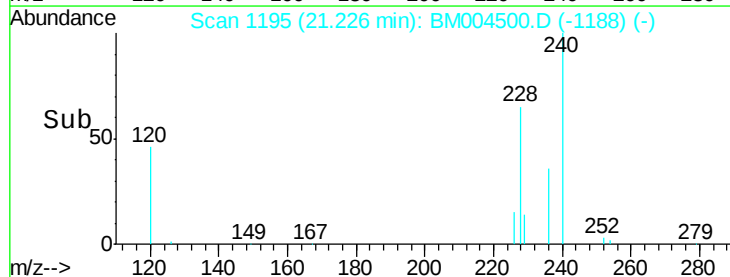
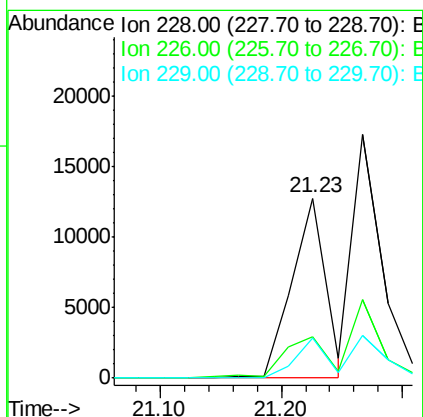
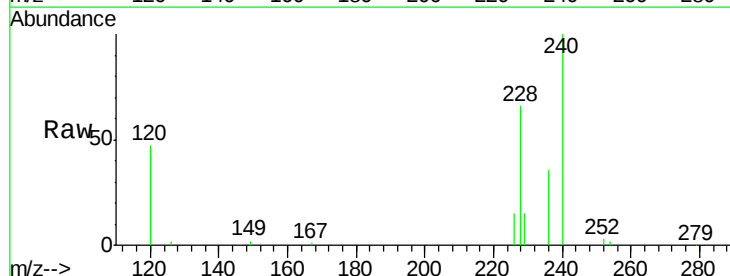
Instrument :
 BNA_M
 ClientSampleId :

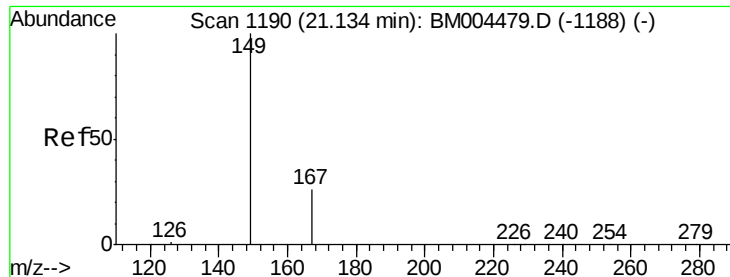
Tot Ion:252 Resp: 23357
 Ion Ratio Lower Upper
 252 100
 254 62.5 59.4 89.0
 126 7.4 5.5 8.3



#32
 Chrysene
 Concen: 0.70 ng
 RT: 21.23 min Scan# 1195
 Delta R.T. -0.05 min
 Lab File: BM004500.D
 Acq: 01 Mar 2016 10:29

Tgt Ion:228 Resp: 24525
 Ion Ratio Lower Upper
 228 100
 226 23.3 21.4 32.2
 229 22.4 17.1 25.7





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.83 ng

RT: 21.12 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

Instrument :

BNA_M

ClientSampleId :

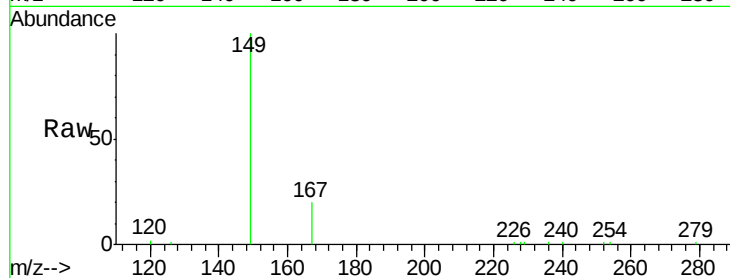
Tot Ion:149 Resp: 16485

Ion Ratio Lower Upper

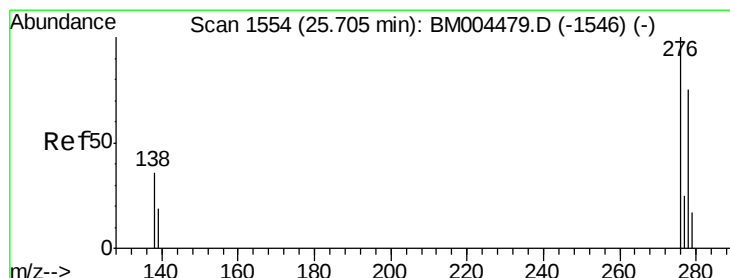
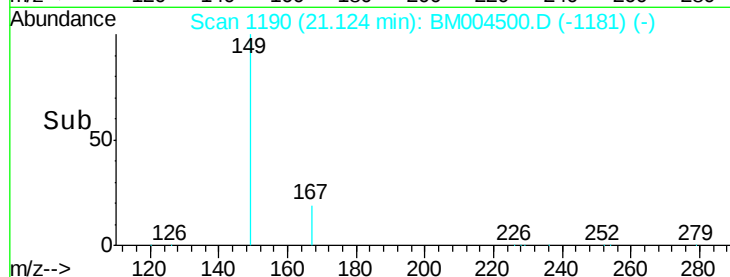
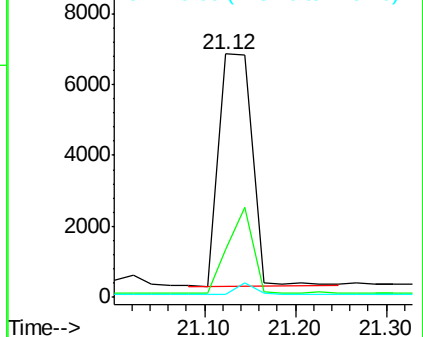
149 100

167 0.0 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: 1.09 ng

RT: 25.69 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

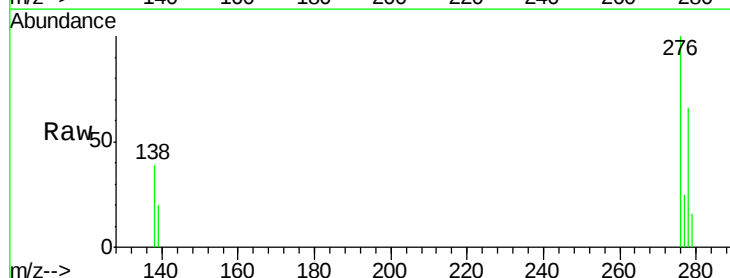
Tgt Ion:276 Resp: 25775

Ion Ratio Lower Upper

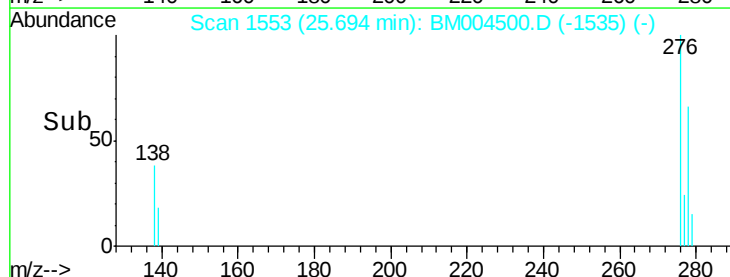
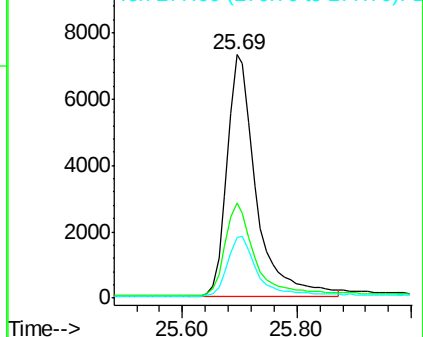
276 100

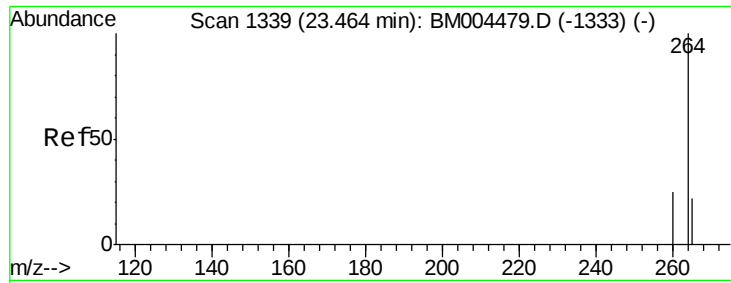
138 38.4 30.4 45.6

277 24.8 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

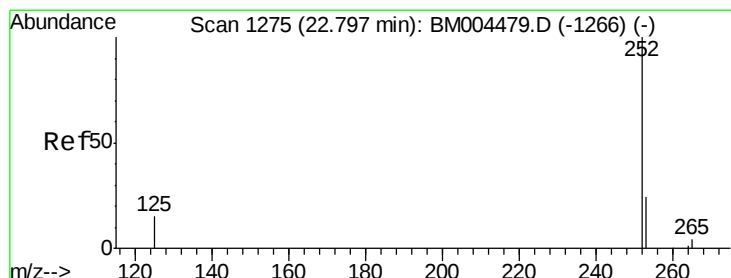
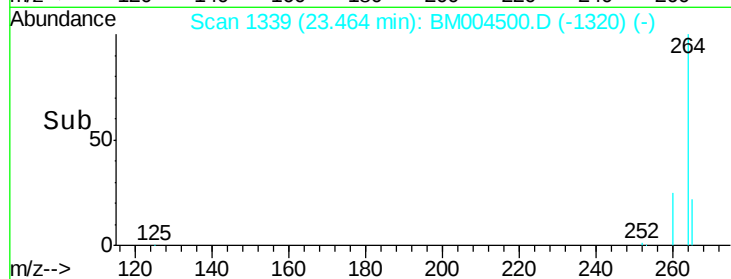
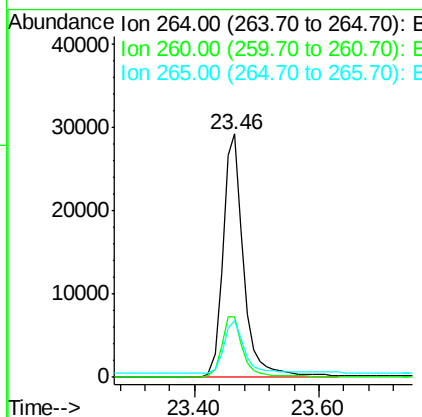
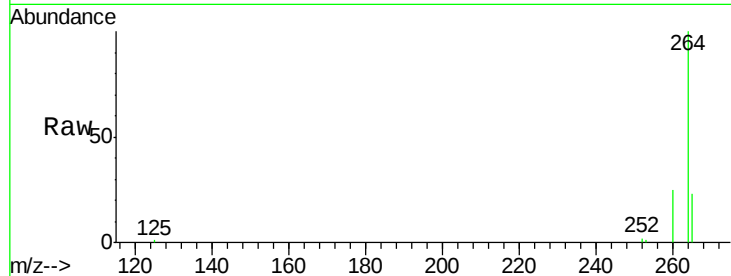




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.46 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BM004500.D
 Acq: 01 Mar 2016 10:29

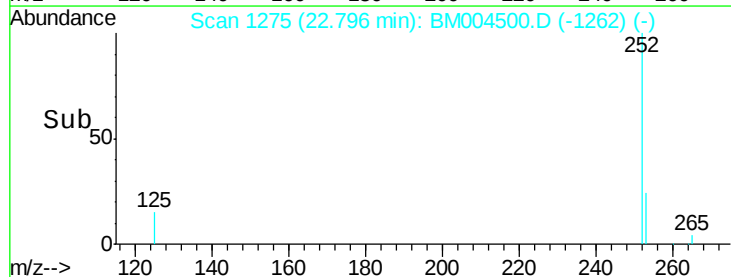
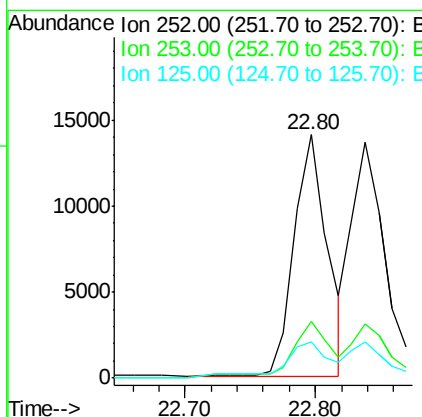
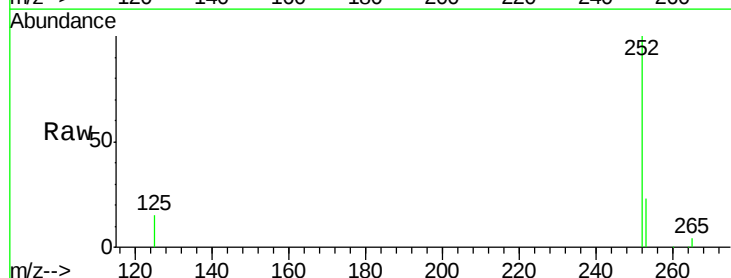
Instrument :
 BNA_M
 ClientSampleId :

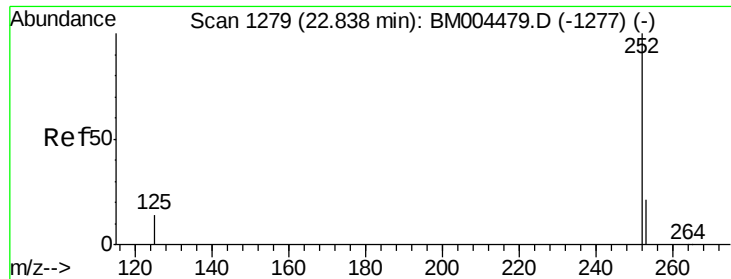
Tot Ion:264 Resp: 66641
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.8 29.6
 265 23.4 18.9 28.3



#36
 Benzo(b)fluoranthene
 Concen: 1.04 ng
 RT: 22.80 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BM004500.D
 Acq: 01 Mar 2016 10:29

Tgt Ion:252 Resp: 27083
 Ion Ratio Lower Upper
 252 100
 253 23.3 18.8 28.2
 125 15.0 11.8 17.8





#37

Benzo(k)fluoranthene

Concen: 0.99 ng

RT: 22.84 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

Instrument :

BNA_M

ClientSampleId :

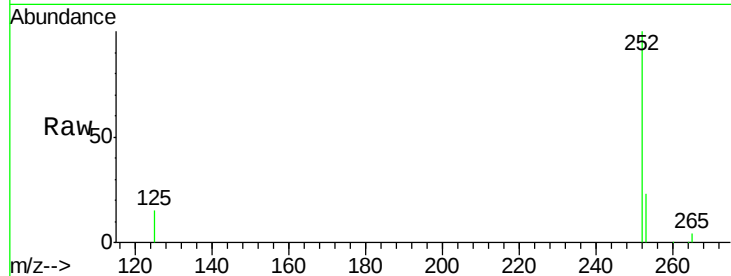
Tot Ion:252 Resp: 25319

Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

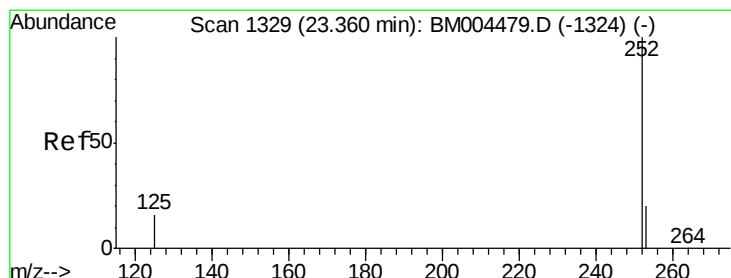
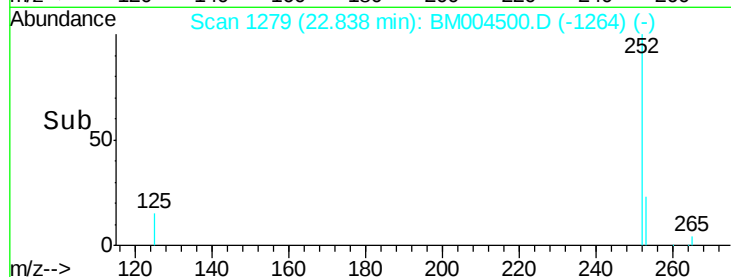
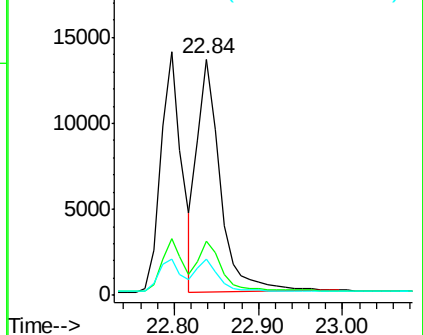
125 15.2 12.2 18.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 1.01 ng

RT: 23.36 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

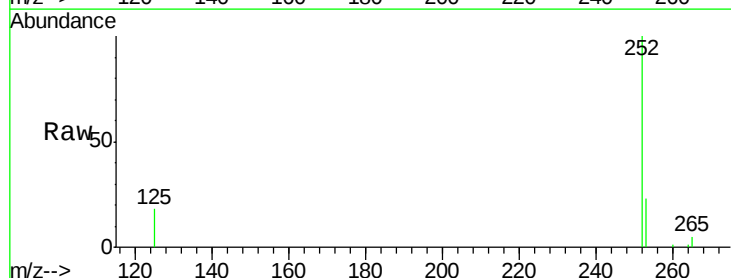
Tgt Ion:252 Resp: 23742

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

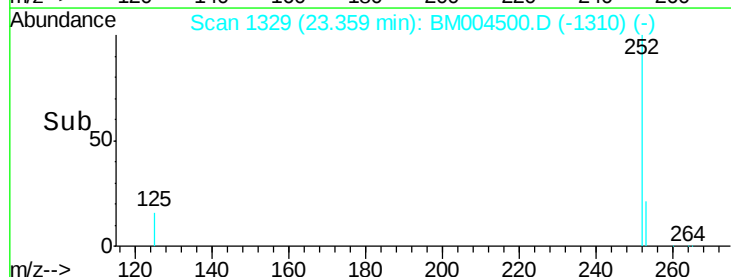
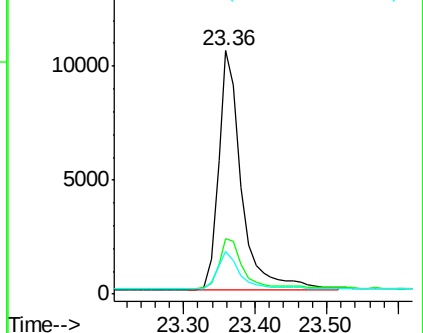
125 17.5 14.3 21.5

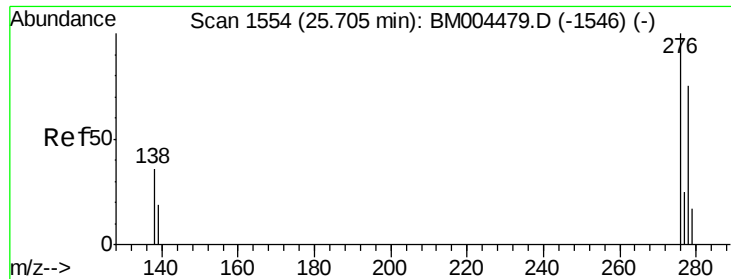


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.98 ng

RT: 25.70 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

Instrument :

BNA_M

ClientSampleId :

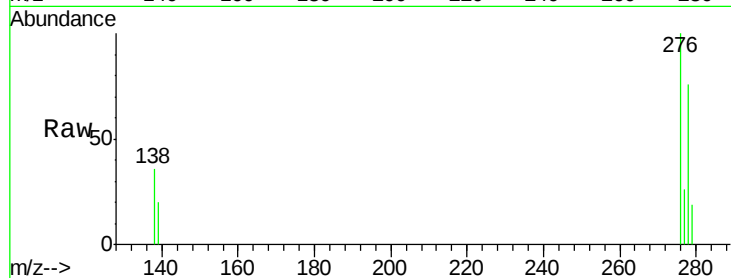
Tot Ion:278 Resp: 20115

Ion Ratio Lower Upper

278 100

139 25.9 21.2 31.8

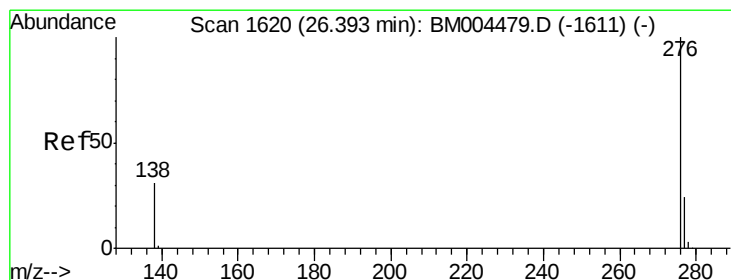
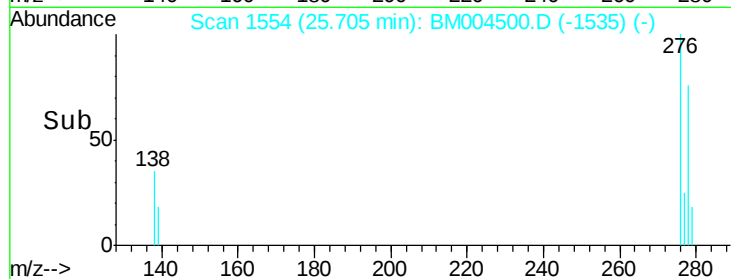
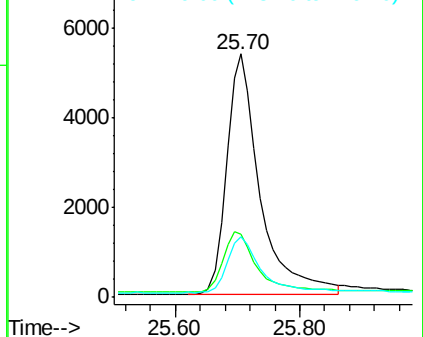
279 24.7 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 0.99 ng

RT: 26.38 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BM004500.D

Acq: 01 Mar 2016 10:29

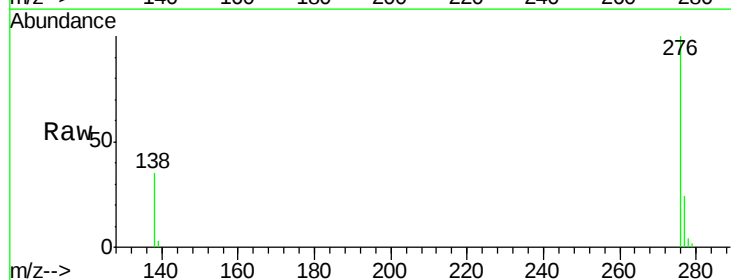
Tgt Ion:276 Resp: 22146

Ion Ratio Lower Upper

276 100

277 23.9 19.6 29.4

138 35.3 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

