

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022916\
 Data File : BM004486.D
 Acq On : 01 Mar 2016 01:24
 Operator : SJ/UM
 Sample : PB88423BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB88423BSD

Quant Time: Mar 01 05:17:43 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	18754	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	72778	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	38685	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	81164	5.00	ng	0.00
26) Chrysene-d12	21.23	240	72627	5.00	ng	-0.01
35) Perylene-d12	23.45	264	67149	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	29222	6.71	ng	-0.02
5) Phenol-d6	6.80	99	36507	7.41	ng	-0.02
8) Nitrobenzene-d5	8.77	82	15411	4.16	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	10413	7.01	ng	-0.03
15) 2-Fluorobiphenyl	12.88	172	49932	4.22	ng	0.00
29) Terphenyl-d14	19.67	244	44257	4.73	ng	0.00

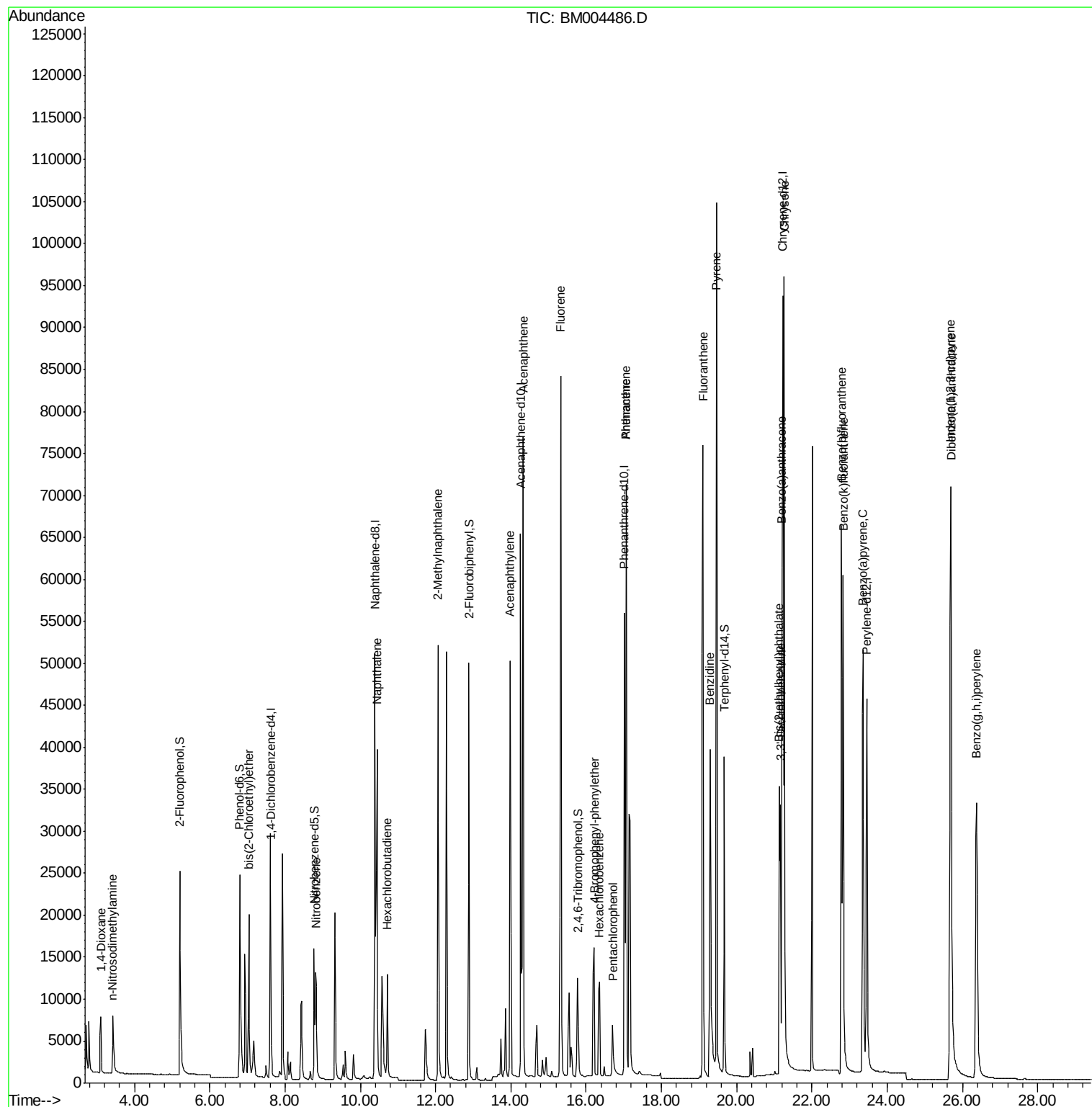
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	6024	3.61	ng	89
3) n-Nitrosodimethylamine	3.41	42	5597	2.94	ng	95
6) bis(2-Chloroethyl)ether	7.04	93	15576	2.99	ng	97
9) Nitrobenzene	8.82	77	15576	3.11	ng	99
10) Naphthalene	10.44	128	61109	3.01	ng	97
11) Hexachlorobutadiene	10.72	225	10131	3.02	ng	100
12) 2-Methylnaphthalene	12.07	142	41969	3.32	ng	100
16) Acenaphthylene	13.97	152	69045	3.12	ng	100
17) Acenaphthene	14.33	154	43943	3.03	ng	99
18) Fluorene	15.33	166	57500	3.25	ng	100
20) 4-Bromophenyl-phenylether	16.22	248	12006	3.08	ng	# 89
21) Hexachlorobenzene	16.35	284	15954	3.36	ng	# 100
22) Pentachlorophenol	16.70	266	7235	6.48	ng	88
23) Phenanthrene	17.06	178	90838	3.38	ng	99
24) Anthracene	17.06	178	90832	3.77	ng	97
25) Fluoranthene	19.11	202	96199	3.13	ng	99
27) Benzidine	19.29	184	81388	7.23	ng	# 87
28) Pyrene	19.47	202	103000	3.59	ng	100
30) Benzo(a)anthracene	21.21	228	84304	3.15	ng	92
31) 3,3'-Dichlorobenzidine	21.16	252	33868	2.04	ng	# 92
32) Chrysene	21.27	228	89493	2.91	ng	93
33) Bis(2-ethylhexyl)phthalate	21.12	149	52115	2.50	ng	# 99
34) Indeno(1,2,3-cd)pyrene	25.68	276	85404	3.44	ng	99
36) Benzo(b)fluoranthene	22.79	252	102255	3.91	ng	97
37) Benzo(k)fluoranthene	22.83	252	84247	3.27	ng	97
38) Benzo(a)pyrene	23.36	252	79760	3.37	ng	97
39) Dibenzo(a,h)anthracene	25.69	278	67309	3.27	ng	98
40) Benzo(g,h,i)perylene	26.37	276	72771	3.22	ng	98

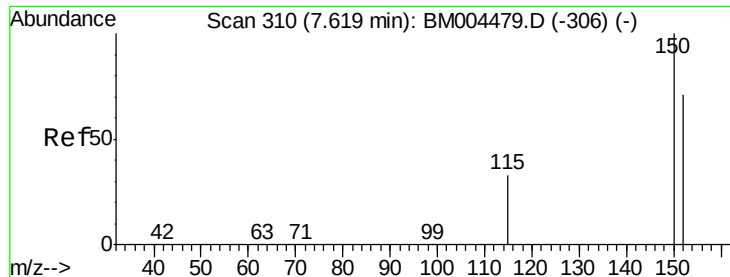
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM004486.D

Acq: 01 Mar 2016 01:24

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

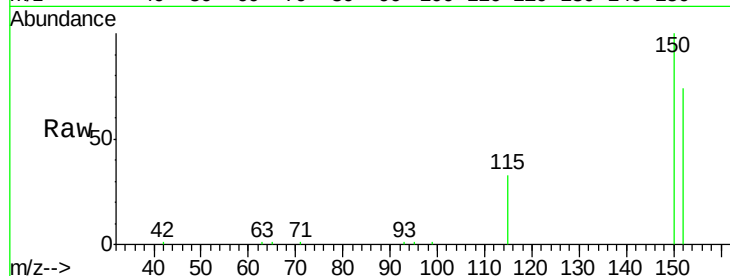
Tgt Ion:152 Resp: 18754

Ion Ratio Lower Upper

152 100

150 135.4 111.9 167.9

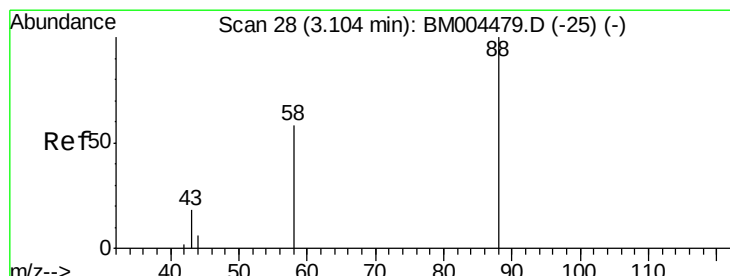
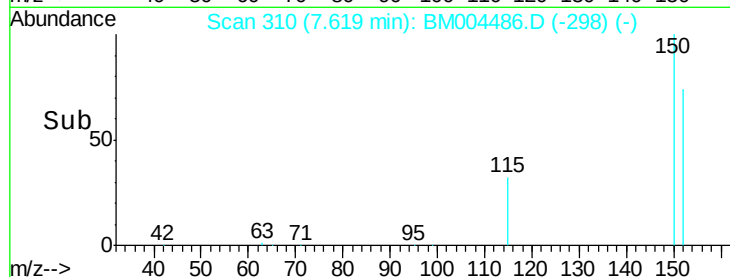
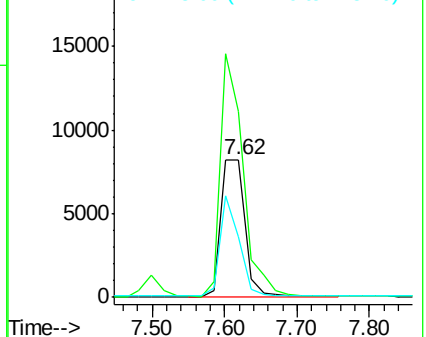
115 44.2 37.7 56.5



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: 3.61 ng

RT: 3.10 min Scan# 28

Delta R.T. 0.00 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

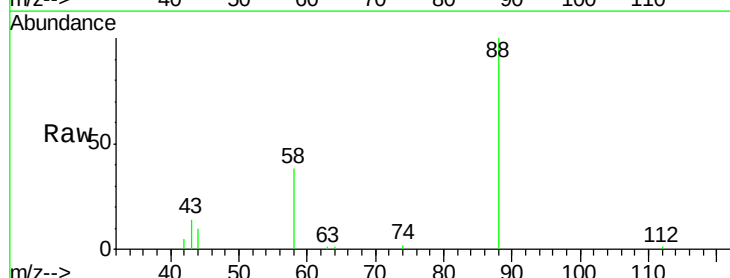
Tgt Ion: 88 Resp: 6024

Ion Ratio Lower Upper

88 100

58 66.1 45.4 68.0

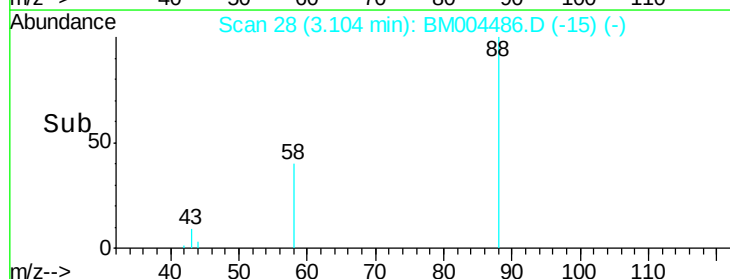
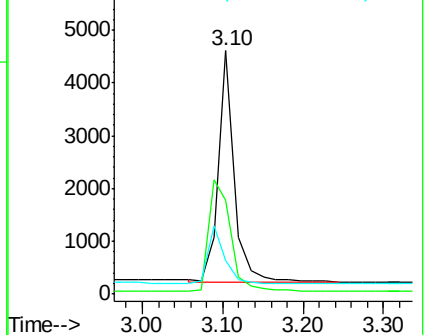
43 26.8 19.3 28.9

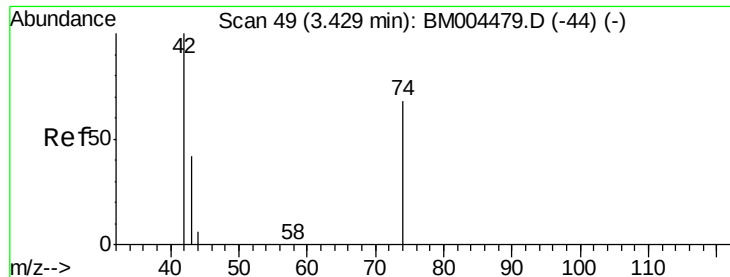


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 2.94 ng

RT: 3.41 min Scan# 48

Delta R.T. -0.02 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

Instrument :

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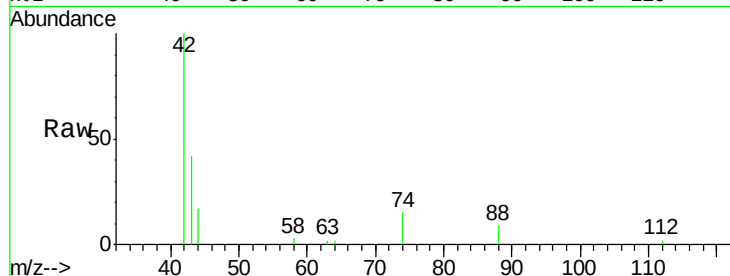
Tgt Ion: 42 Resp: 5597

Ion Ratio Lower Upper

42 100

74 141.0 117.8 176.8

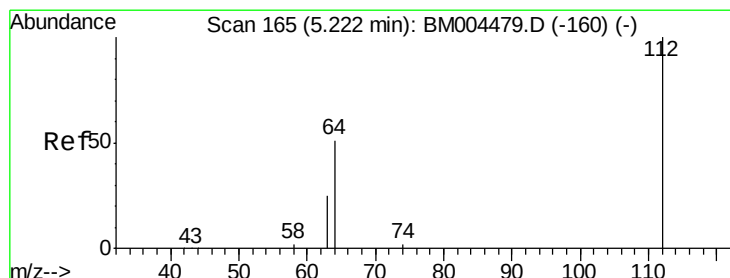
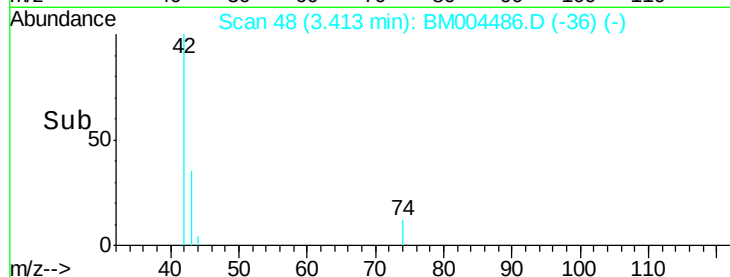
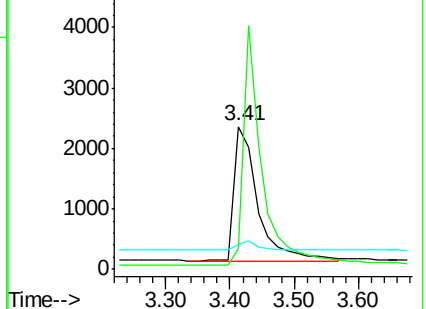
44 6.5 6.1 9.1



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: 6.71 ng

RT: 5.21 min Scan# 164

Delta R.T. -0.02 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

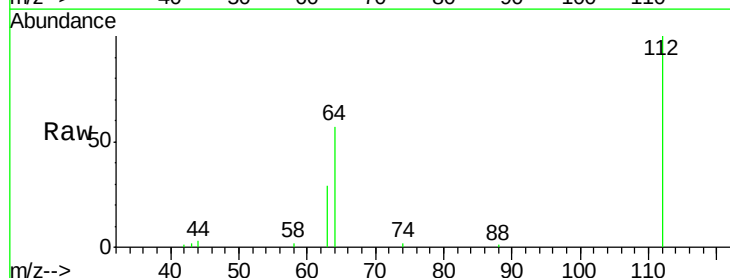
Tgt Ion: 112 Resp: 29222

Ion Ratio Lower Upper

112 100

64 49.0 39.6 59.4

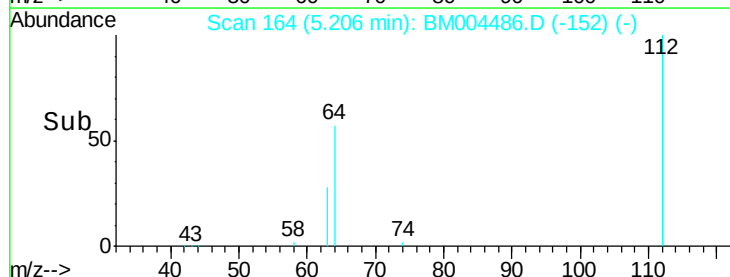
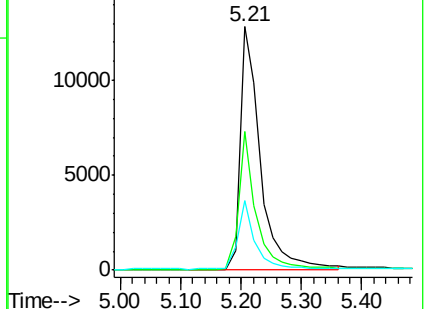
63 24.8 20.0 30.0

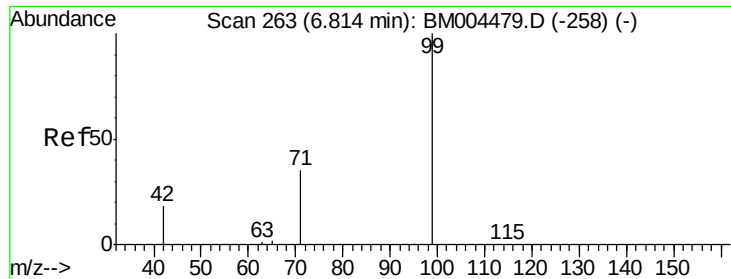


Abundance Ion 112.00 (111.70 to 112.70): BM004479.D (-160) (-)

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: 7.41 ng

RT: 6.80 min Scan# 262

Delta R.T. -0.02 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

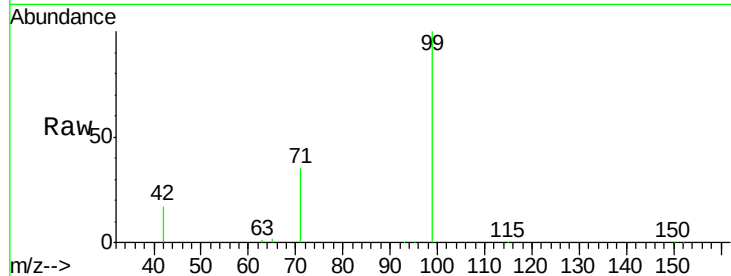
Tgt Ion: 99 Resp: 36507

Ion Ratio Lower Upper

99 100

42 14.9 12.2 18.2

71 29.2 23.4 35.2

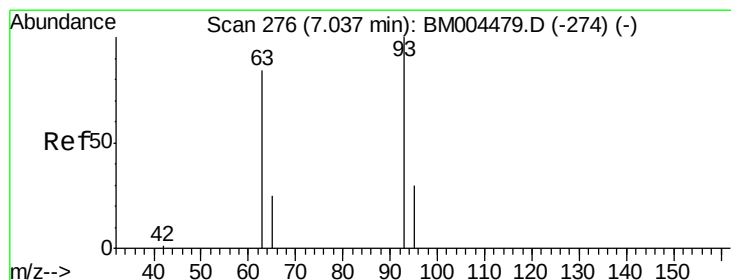
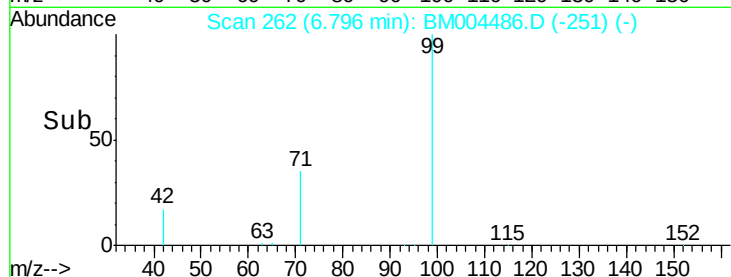


Abundance Ion 99.00 (98.70 to 99.70): BM004479.D (-258) (-)

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

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

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 2.99 ng

RT: 7.04 min Scan# 276

Delta R.T. -0.00 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

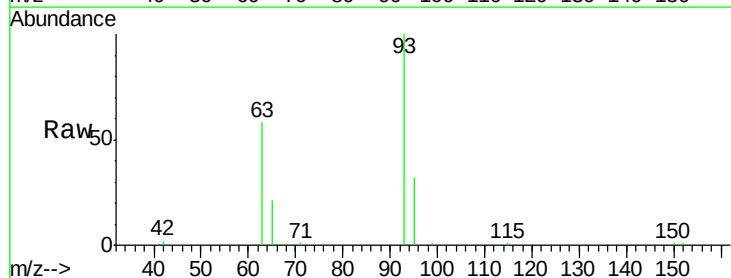
Tgt Ion: 93 Resp: 15576

Ion Ratio Lower Upper

93 100

63 67.6 51.7 77.5

95 32.6 25.4 38.2

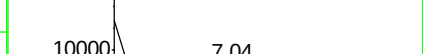
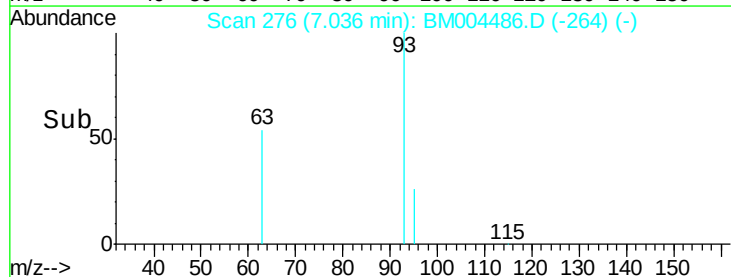


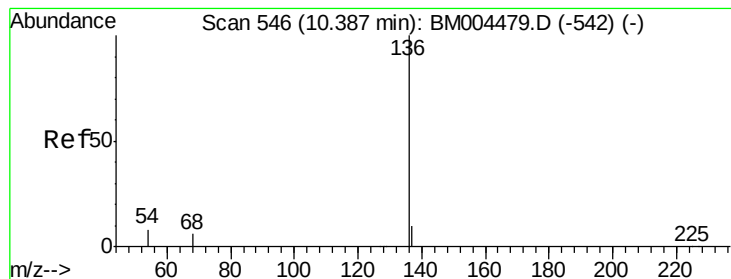
Abundance Ion 93.00 (92.70 to 93.70): BM004479.D (-274) (-)

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

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

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. 0.00 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

Tgt Ion:136 Resp: 72778

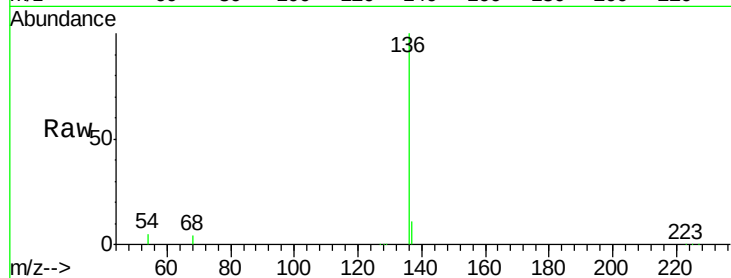
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.2

54 5.2 6.4 9.6#

68 4.3 5.0 7.4#

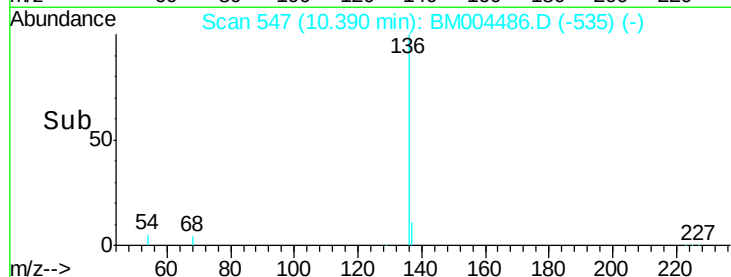


Abundance Ion 136.00 (135.70 to 136.70): E

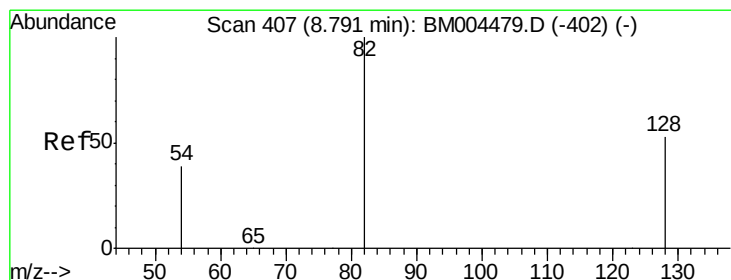
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#8

Nitrobenzene-d5

Concen: 4.16 ng

RT: 8.77 min Scan# 406

Delta R.T. -0.02 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

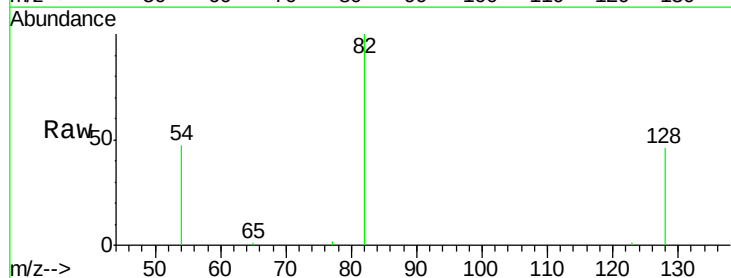
Tgt Ion: 82 Resp: 15411

Ion Ratio Lower Upper

82 100

128 46.0 43.7 65.5

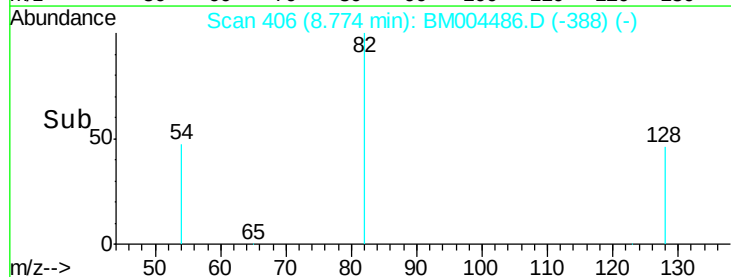
54 47.0 33.5 50.3



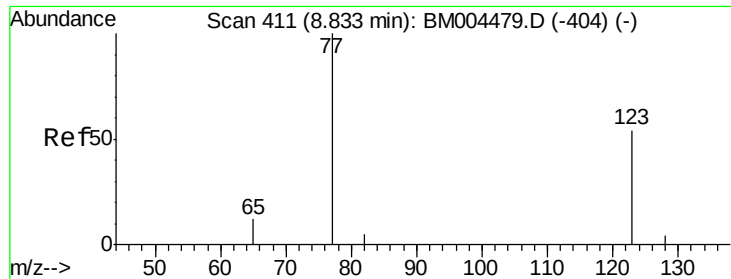
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->



#9

Nitrobenzene

Concen: 3.11 ng

RT: 8.82 min Scan# 410

Delta R.T. -0.02 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

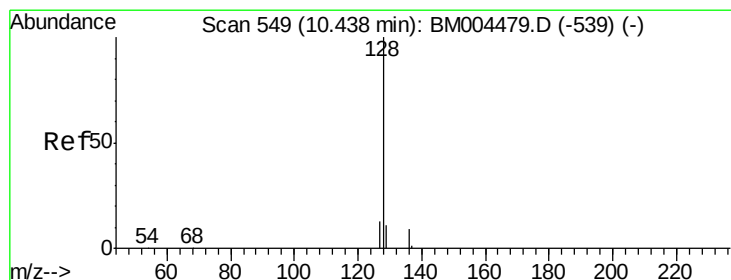
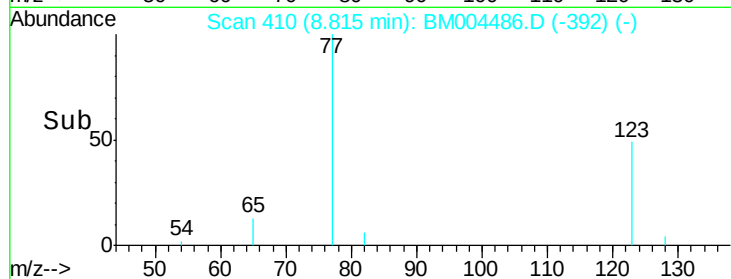
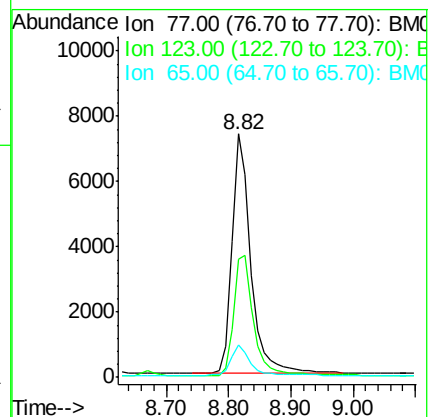
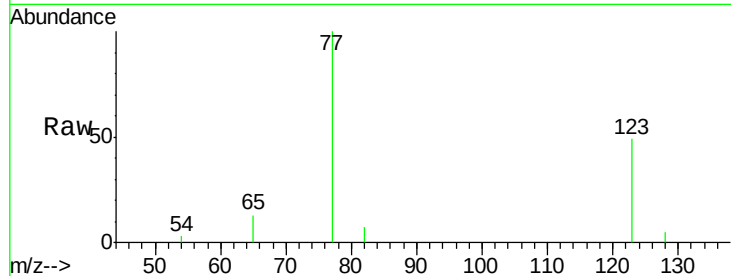
Tgt Ion: 77 Resp: 15576

Ion Ratio Lower Upper

77 100

123 53.9 42.2 63.2

65 12.5 10.0 15.0



#10

Naphthalene

Concen: 3.01 ng

RT: 10.44 min Scan# 550

Delta R.T. 0.00 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

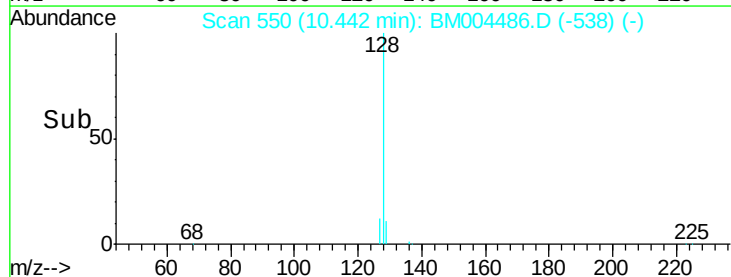
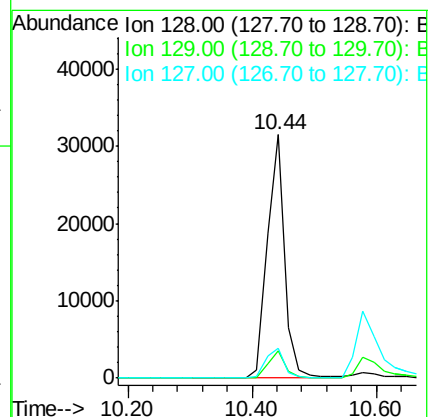
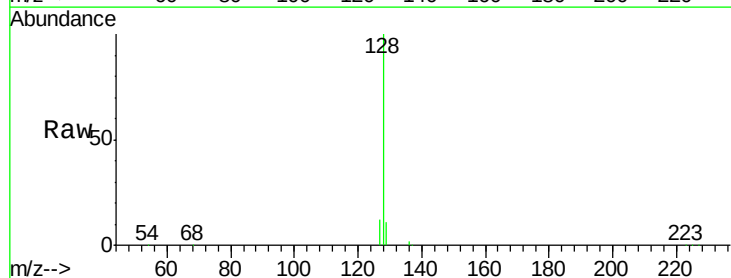
Tgt Ion: 128 Resp: 61109

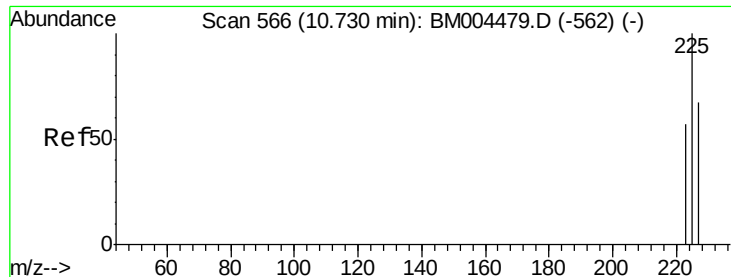
Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

127 12.0 10.9 16.3

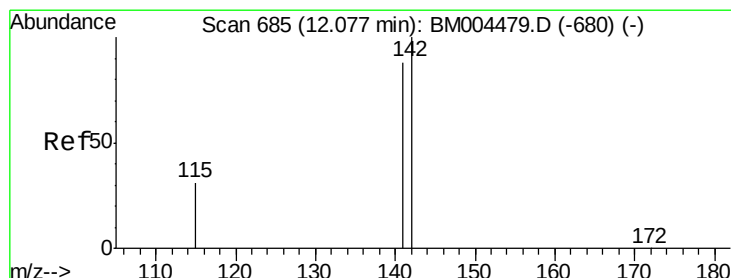
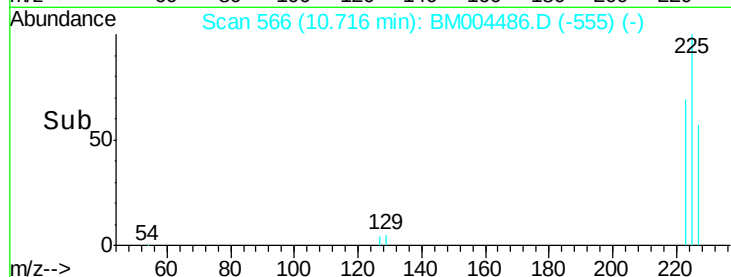
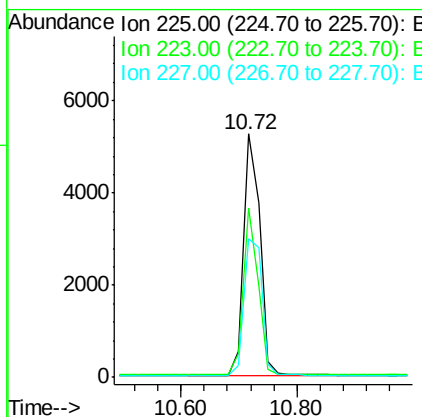
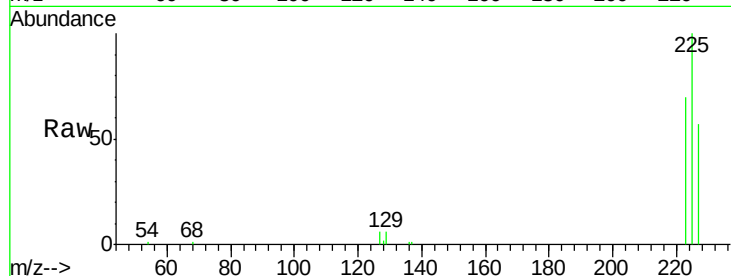




#11
Hexachlorobutadiene
Concen: 3.02 ng
RT: 10.72 min Scan# 566
Delta R.T. -0.01 min
Lab File: BM004486.D
Acq: 01 Mar 2016 01:24

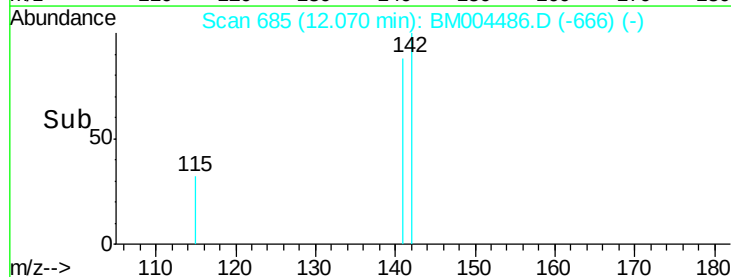
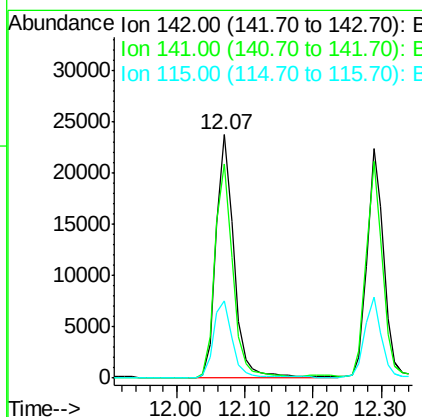
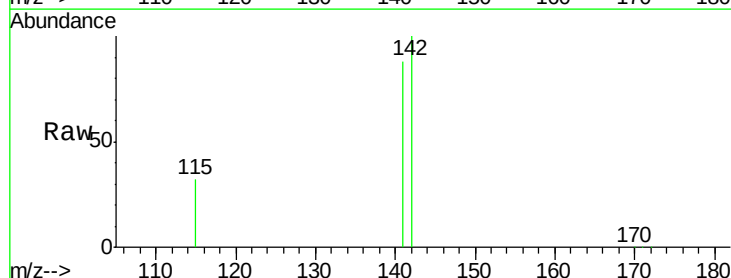
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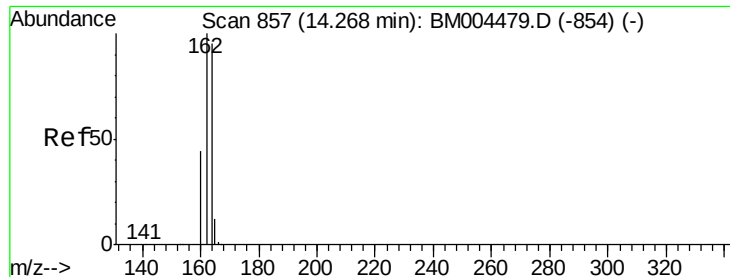
Tgt Ion: 225 Resp: 10131
Ion Ratio Lower Upper
225 100
223 62.9 50.3 75.5
227 63.5 50.6 75.8



#12
2-Methylnaphthalene
Concen: 3.32 ng
RT: 12.07 min Scan# 685
Delta R.T. -0.01 min
Lab File: BM004486.D
Acq: 01 Mar 2016 01:24

Tgt Ion: 142 Resp: 41969
Ion Ratio Lower Upper
142 100
141 87.8 70.2 105.2
115 31.8 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: BM004486.D

Acq: 01 Mar 2016 01:24

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

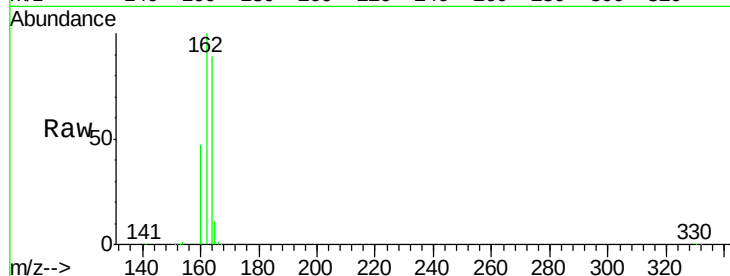
Tgt Ion:164 Resp: 38685

Ion Ratio Lower Upper

164 100

162 112.6 84.2 126.4

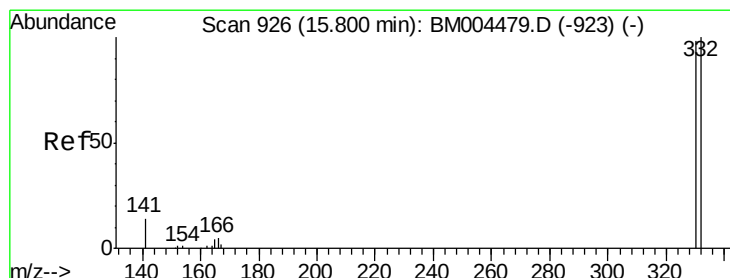
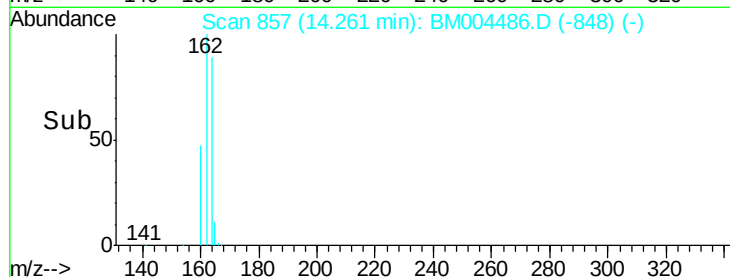
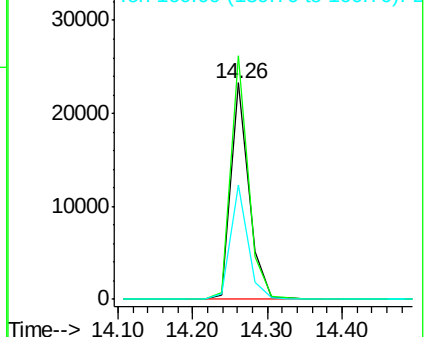
160 53.2 37.4 56.2



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: 7.01 ng

RT: 15.77 min Scan# 925

Delta R.T. -0.03 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

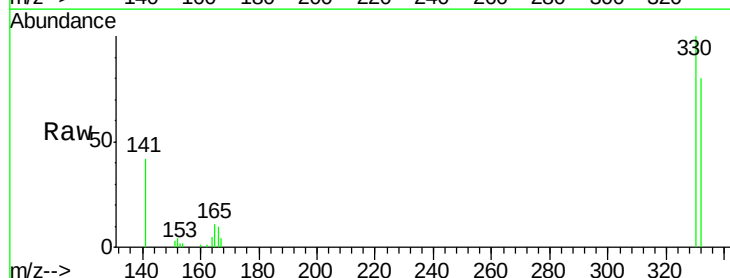
Tgt Ion:330 Resp: 10413

Ion Ratio Lower Upper

330 100

332 93.5 76.1 114.1

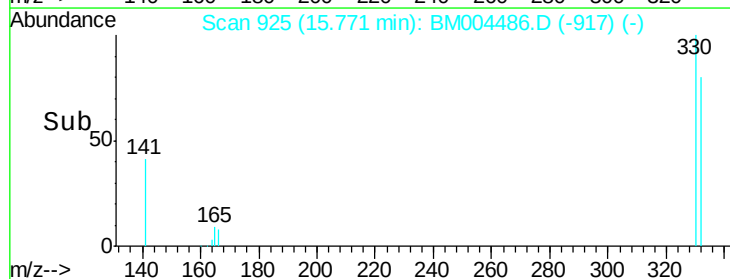
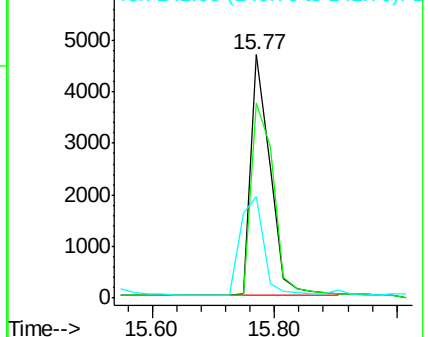
141 49.9 0.0 0.0#

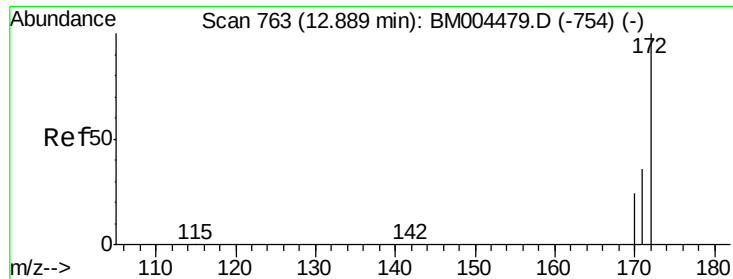


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

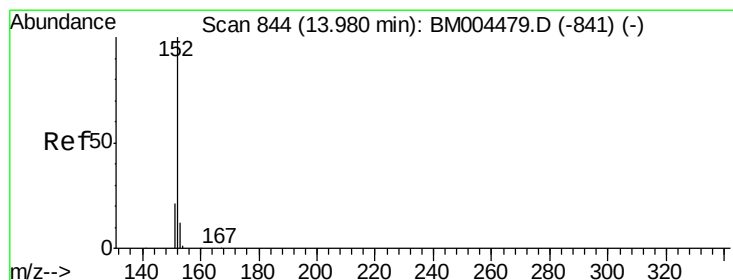
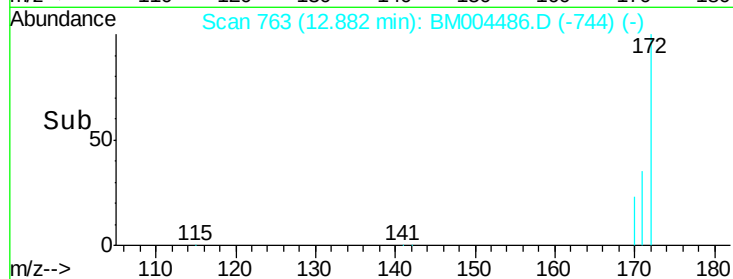
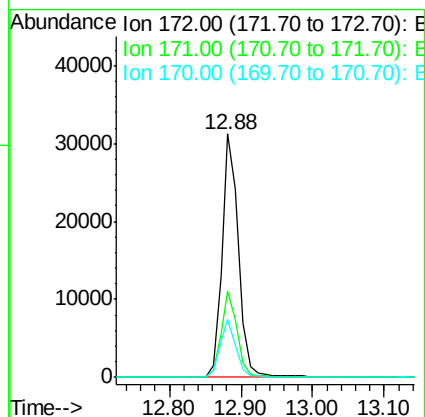
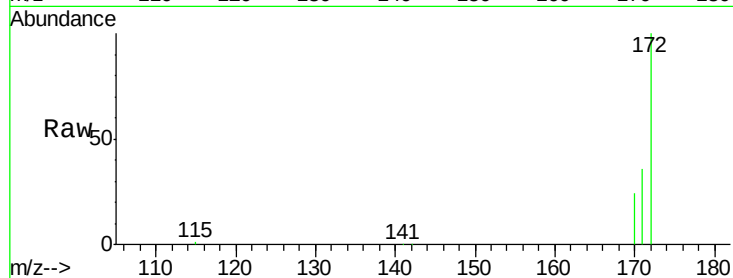




#15
2-Fluorobiphenyl
Concen: 4.22 ng
RT: 12.88 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM004486.D
Acq: 01 Mar 2016 01:24

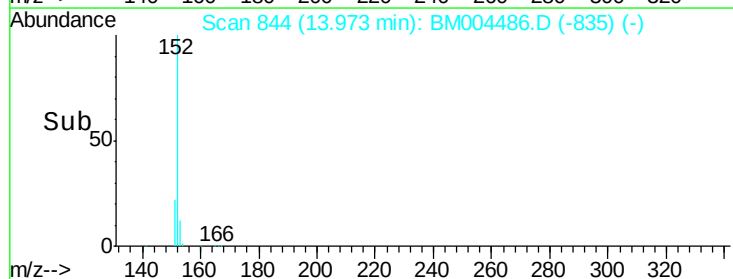
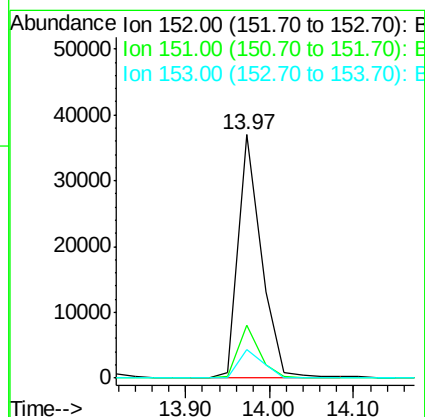
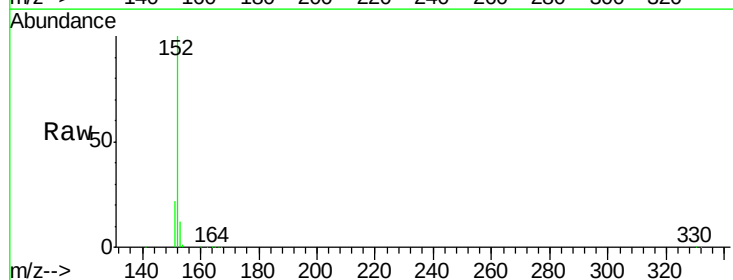
Instrument :
BNA_M
ClientSampleId :
PB88423BSD

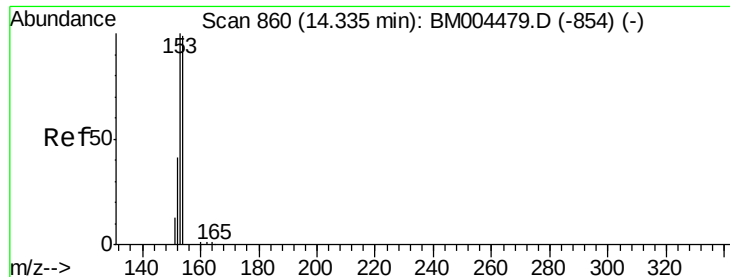
Tgt Ion:172 Resp: 49932
Ion Ratio Lower Upper
172 100
171 35.5 29.2 43.8
170 23.6 19.7 29.5



#16
Acenaphthylene
Concen: 3.12 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.01 min
Lab File: BM004486.D
Acq: 01 Mar 2016 01:24

Tgt Ion:152 Resp: 69045
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 12.7 10.2 15.4





#17

Acenaphthene

Concen: 3.03 ng

RT: 14.33 min Scan# 860

Delta R.T. -0.01 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

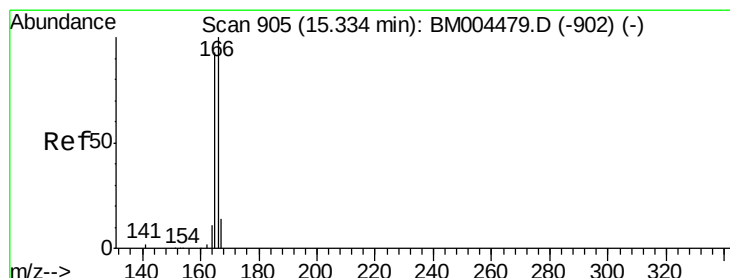
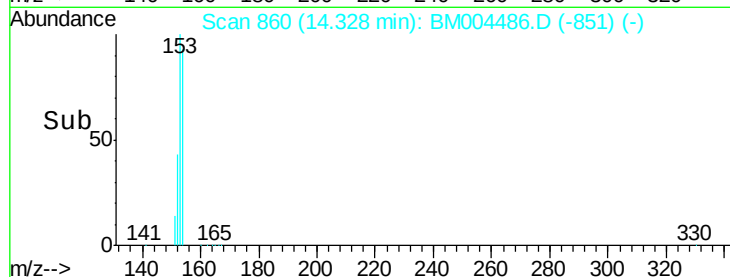
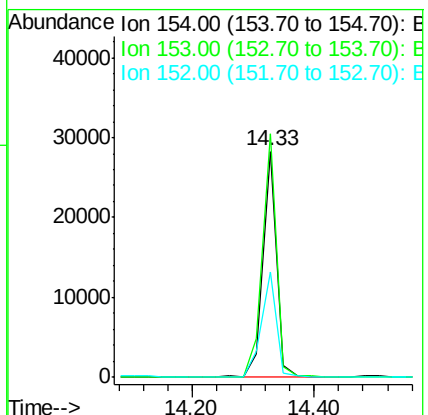
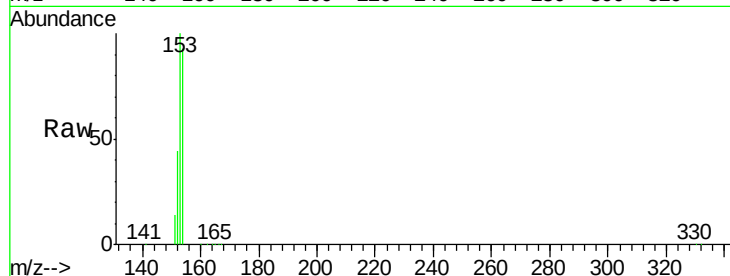
Tgt Ion:154 Resp: 43943

Ion Ratio Lower Upper

154 100

153 111.5 88.0 132.0

152 51.2 41.1 61.7



#18

Fluorene

Concen: 3.25 ng

RT: 15.33 min Scan# 905

Delta R.T. -0.01 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

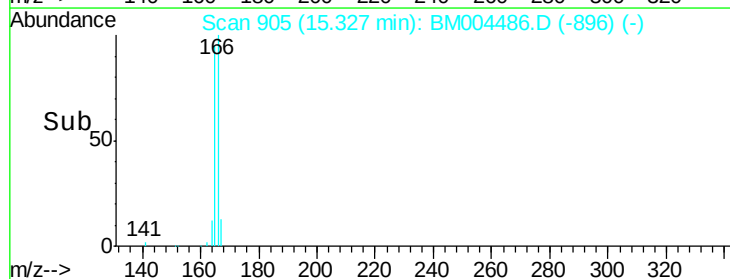
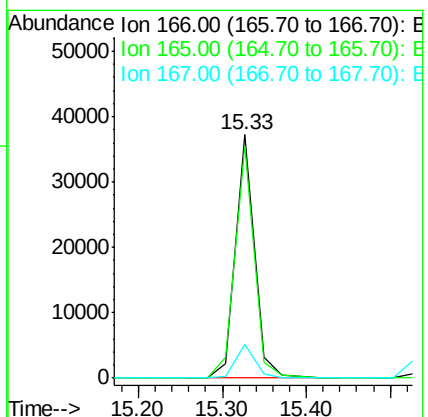
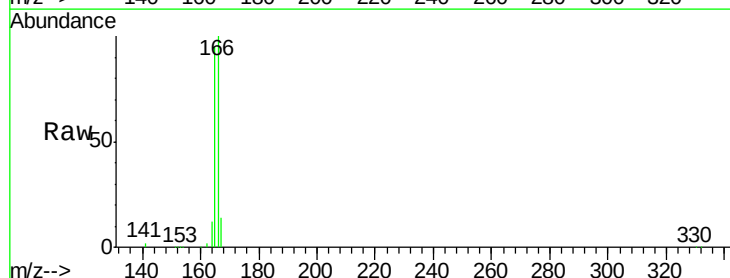
Tgt Ion:166 Resp: 57500

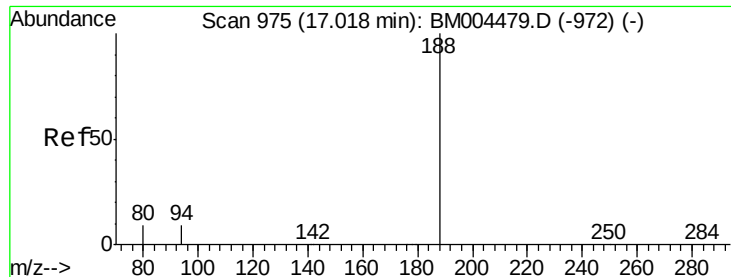
Ion Ratio Lower Upper

166 100

165 96.3 77.2 115.8

167 13.5 10.9 16.3

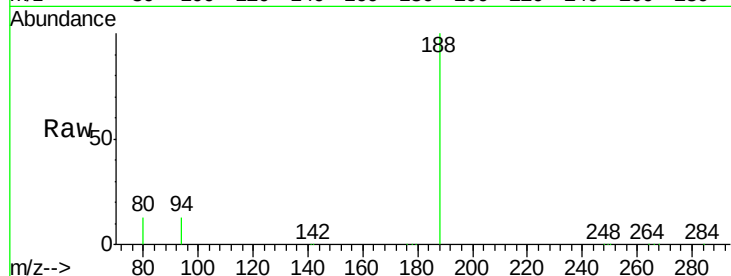




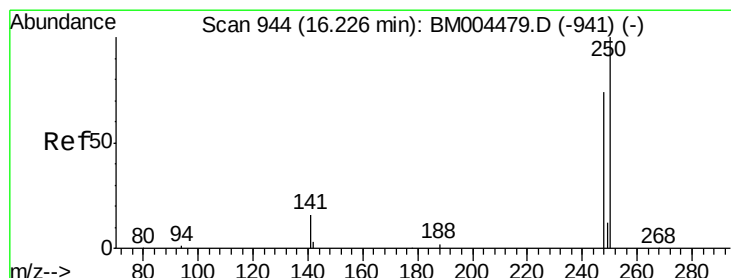
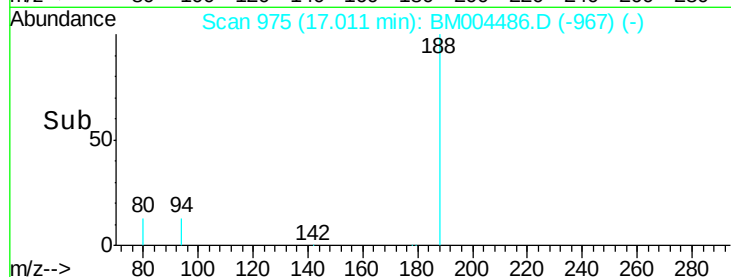
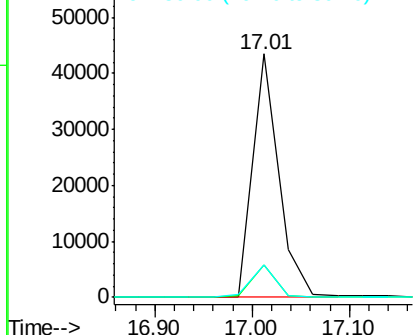
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 975
Delta R.T. -0.01 min
Lab File: BM004486.D
Acq: 01 Mar 2016 01:24

Instrument :
BNA_M
ClientSampleId :
PB88423BSD

Tgt Ion:188 Resp: 81164
Ion Ratio Lower Upper
188 100
94 13.4 7.4 11.0#
80 13.2 6.9 10.3#

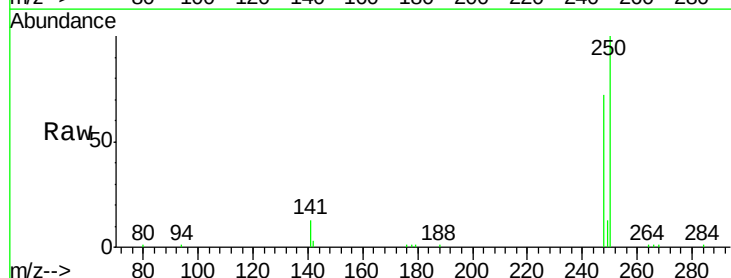


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

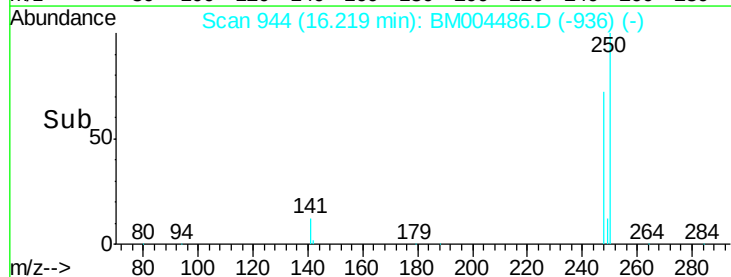
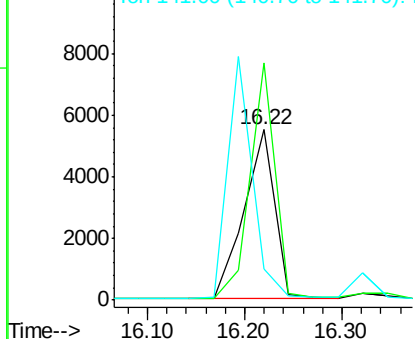


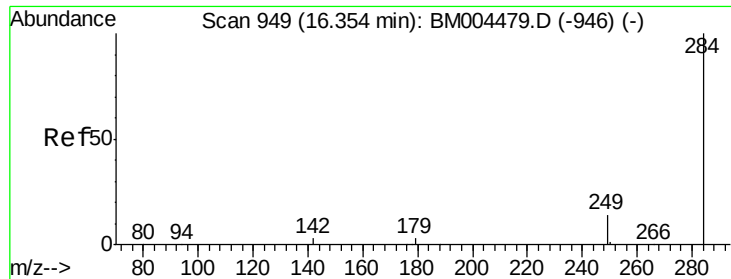
#20
4-Bromophenyl-phenylether
Concen: 3.08 ng
RT: 16.22 min Scan# 944
Delta R.T. -0.01 min
Lab File: BM004486.D
Acq: 01 Mar 2016 01:24

Tgt Ion:248 Resp: 12006
Ion Ratio Lower Upper
248 100
250 112.7 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: 3.36 ng

RT: 16.35 min Scan# 949

Delta R.T. -0.01 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

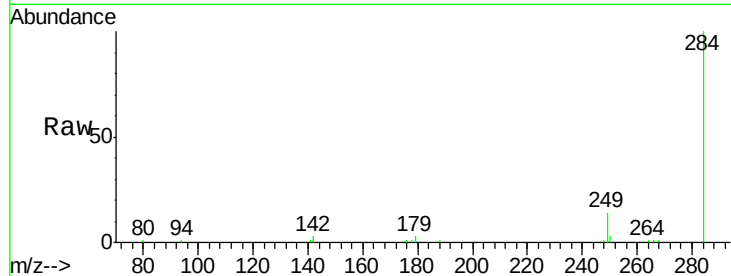
Tgt Ion:284 Resp: 15954

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

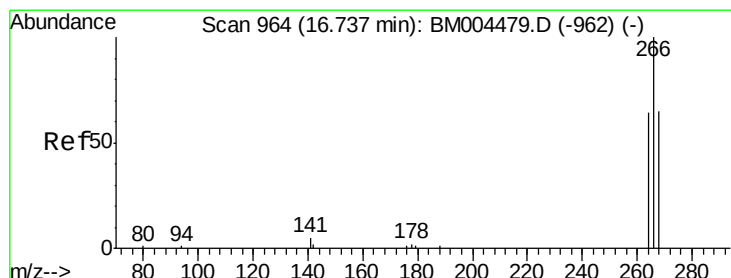
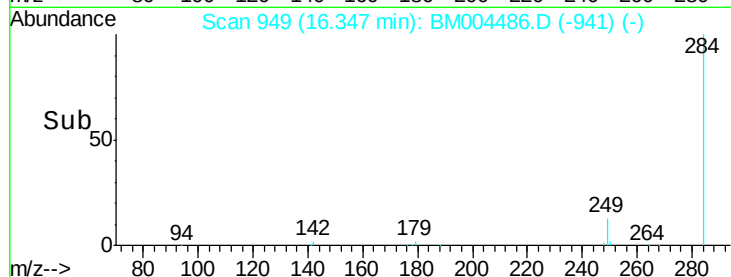
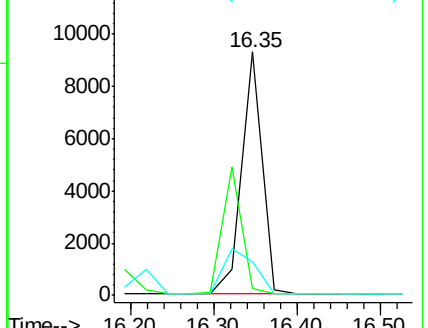
249 0.0 0.0 0.0



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: 6.48 ng

RT: 16.70 min Scan# 963

Delta R.T. -0.03 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

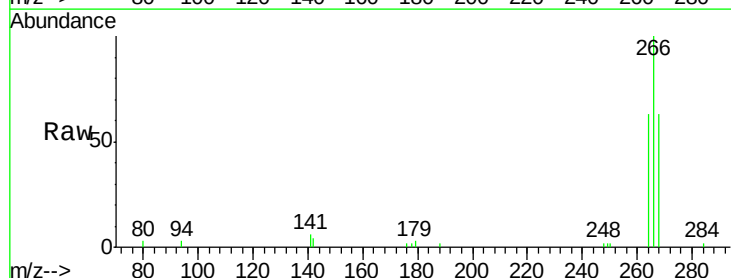
Tgt Ion:266 Resp: 7235

Ion Ratio Lower Upper

266 100

268 63.4 60.7 91.1

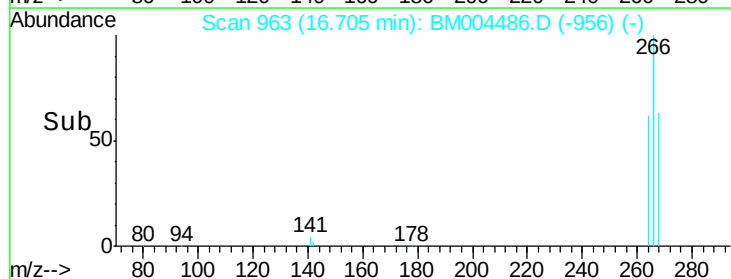
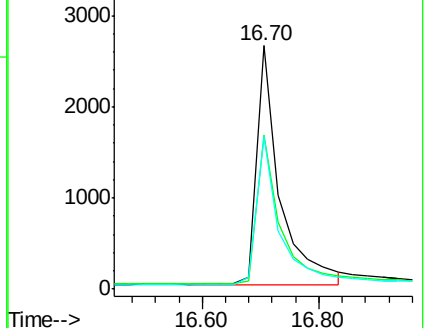
264 62.9 57.1 85.7

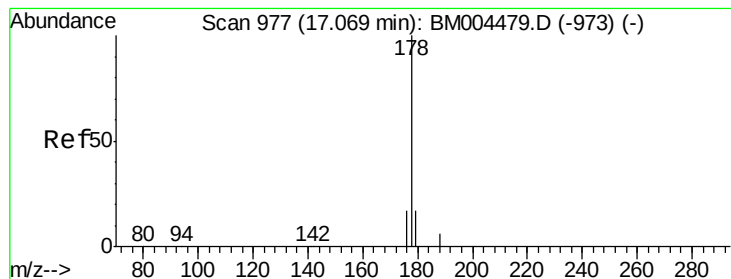


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 3.38 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

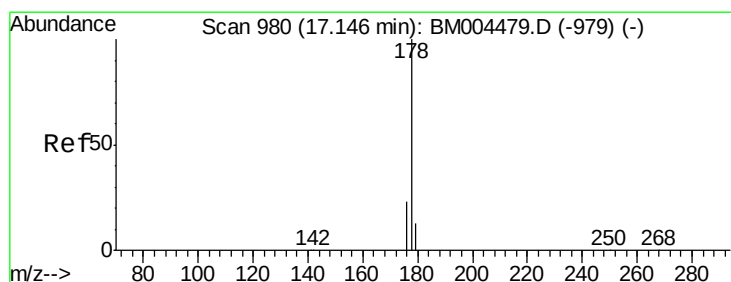
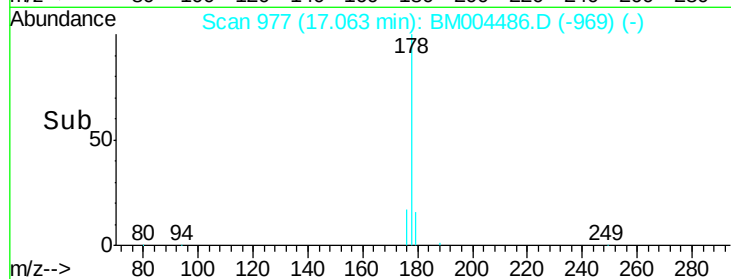
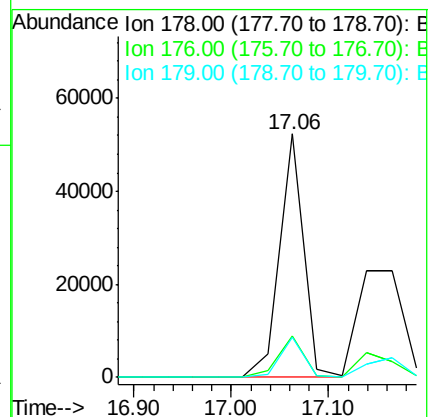
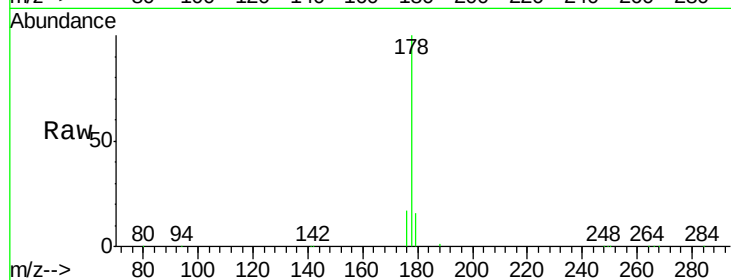
Tgt Ion:178 Resp: 90838

Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

179 15.9 12.9 19.3



#24

Anthracene

Concen: 3.77 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.08 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

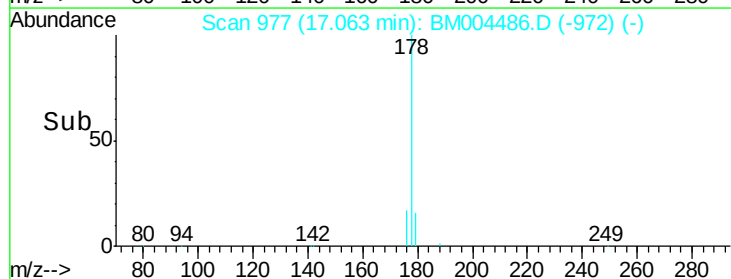
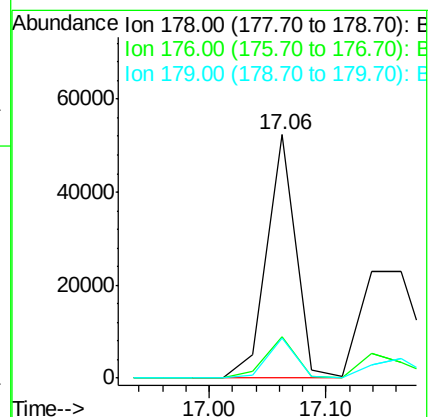
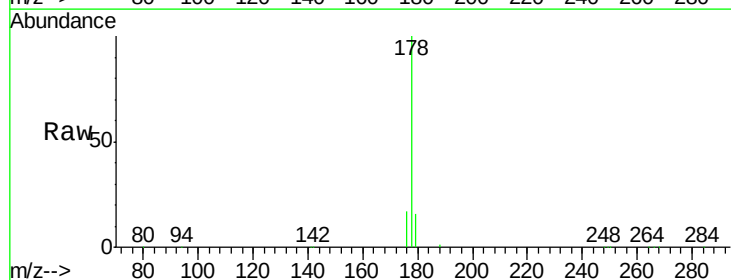
Tgt Ion:178 Resp: 90832

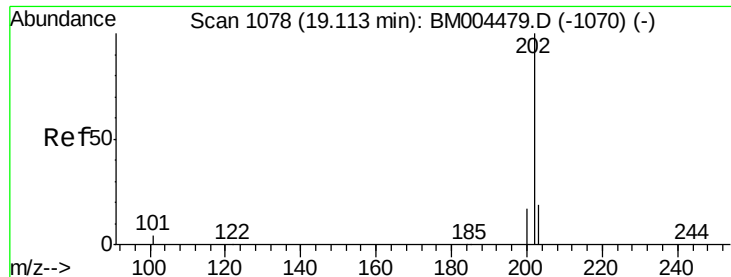
Ion Ratio Lower Upper

178 100

176 18.1 15.6 23.4

179 15.9 13.6 20.4





#25

Fluoranthene

Concen: 3.13 ng

RT: 19.11 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

Instrument :

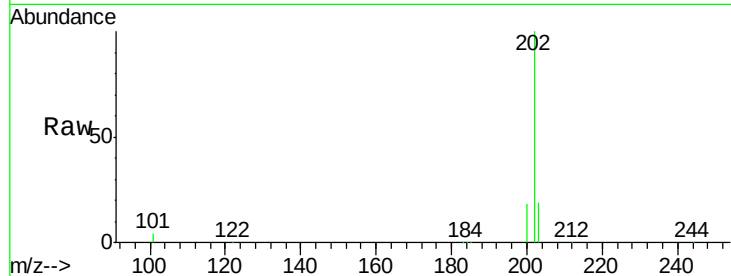
BNA_M

ClientSampleId :

PB88423BSD

Tgt Ion:202 Resp: 96199

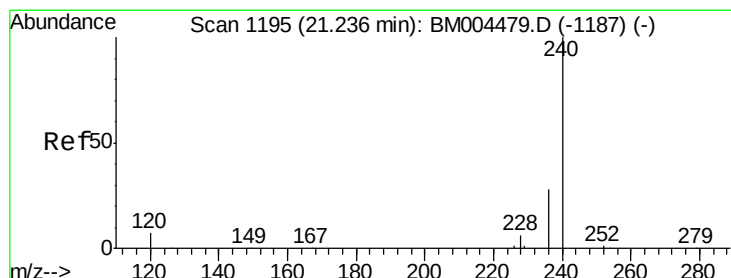
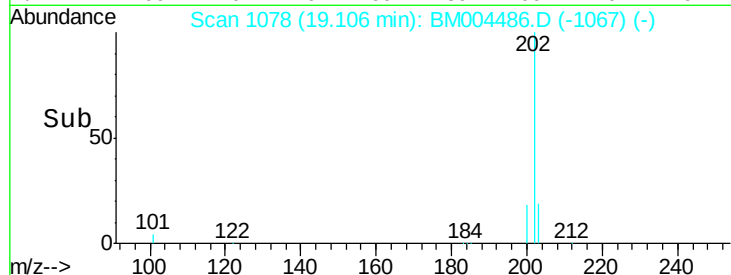
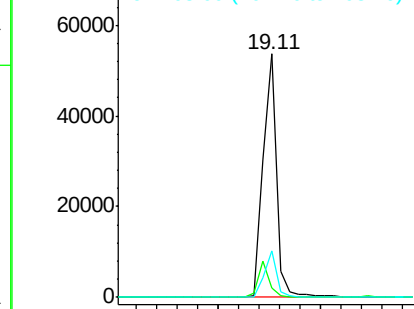
Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.4	14.2
203	17.6	13.9	20.9



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

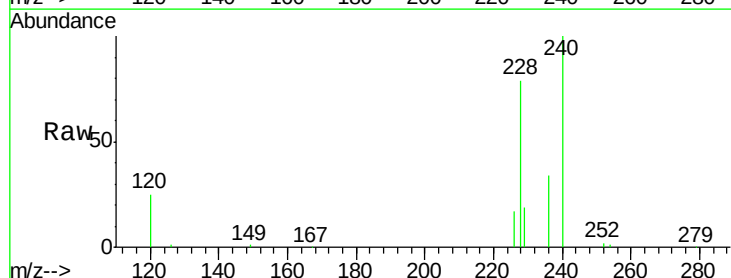
Delta R.T. -0.01 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

Tgt Ion:240 Resp: 72627

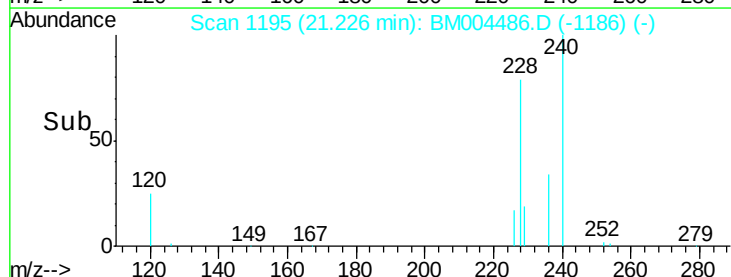
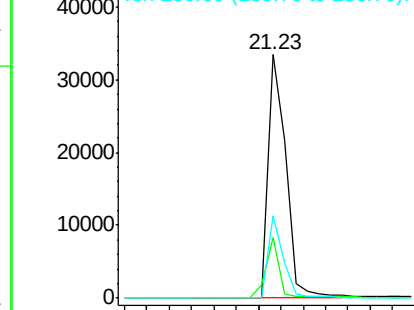
Ion	Ratio	Lower	Upper
240	100		
120	24.9	6.1	9.1#
236	33.9	22.6	34.0

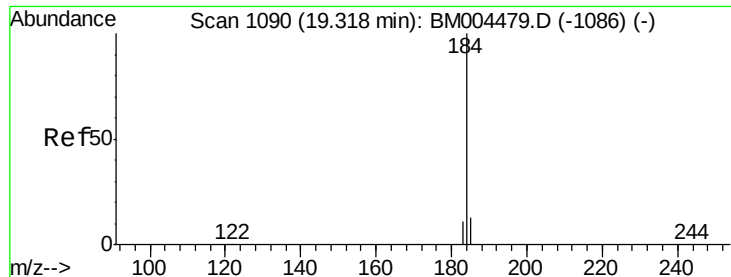


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 7.23 ng

RT: 19.29 min Scan# 1089

Delta R.T. -0.02 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

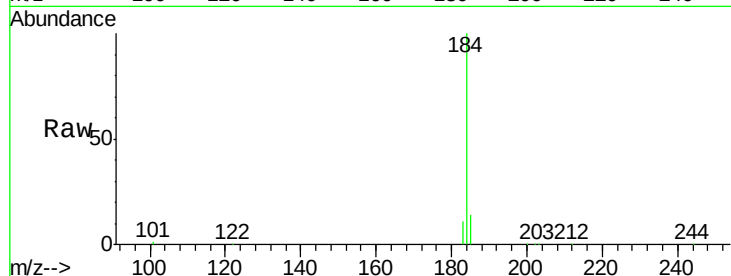
Tgt Ion:184 Resp: 81388

Ion Ratio Lower Upper

184 100

185 14.1 16.6 24.8#

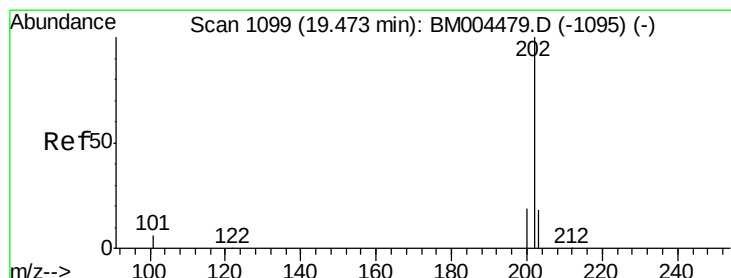
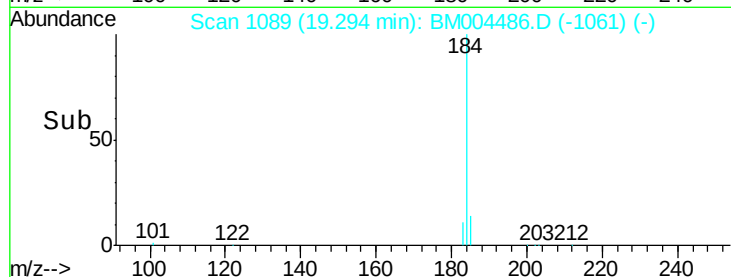
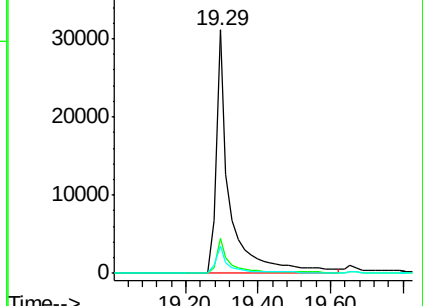
183 11.0 12.3 18.5#



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: 3.59 ng

RT: 19.47 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

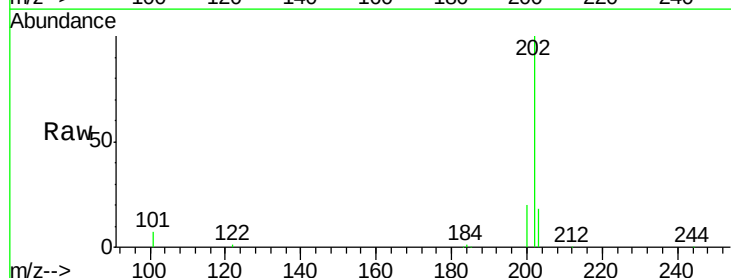
Tgt Ion:202 Resp: 103000

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

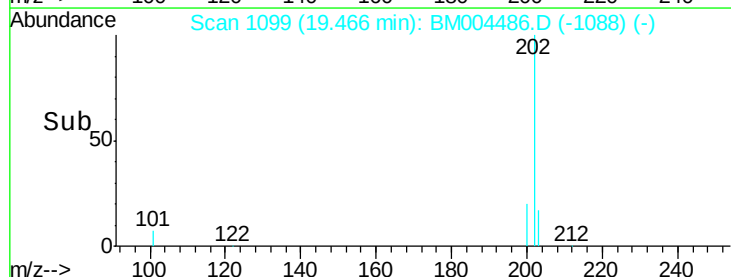
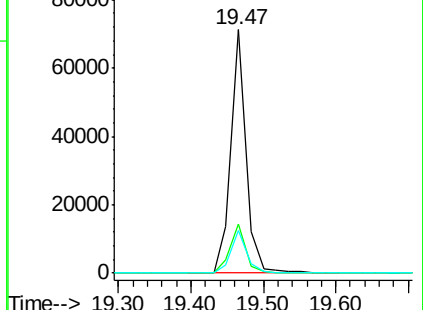
203 17.9 14.1 21.1

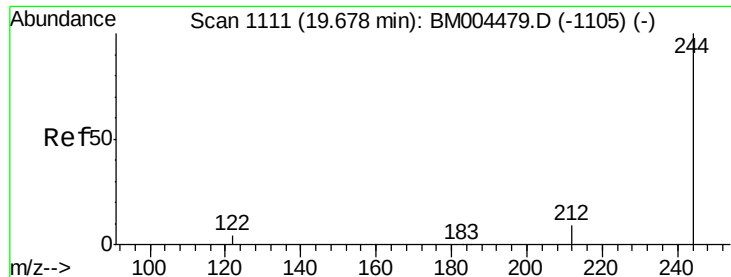


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.73 ng

RT: 19.67 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

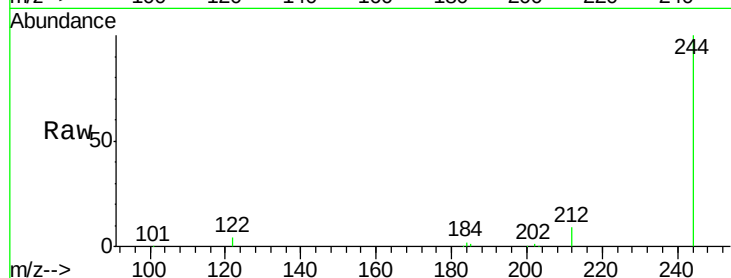
Tgt Ion:244 Resp: 44257

Ion Ratio Lower Upper

244 100

212 9.3 7.5 11.3

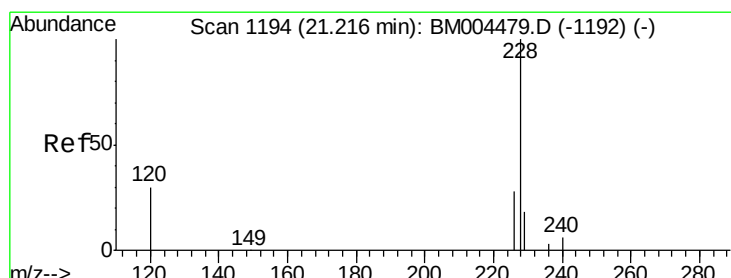
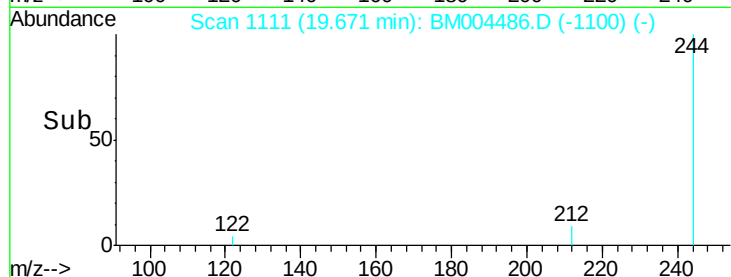
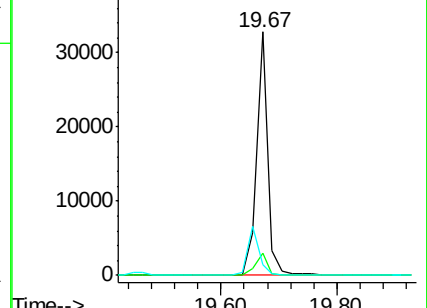
122 4.4 4.2 6.2



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



#30

Benzo(a)anthracene

Concen: 3.15 ng

RT: 21.21 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

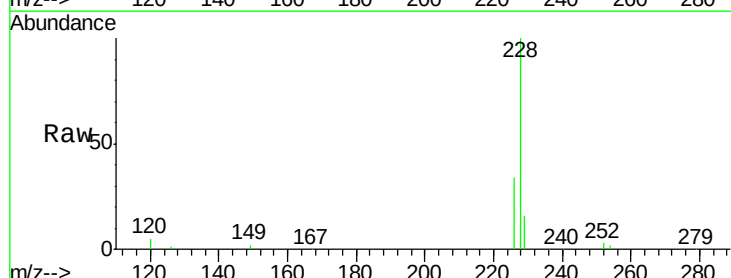
Tgt Ion:228 Resp: 84304

Ion Ratio Lower Upper

228 100

226 33.6 22.8 34.2

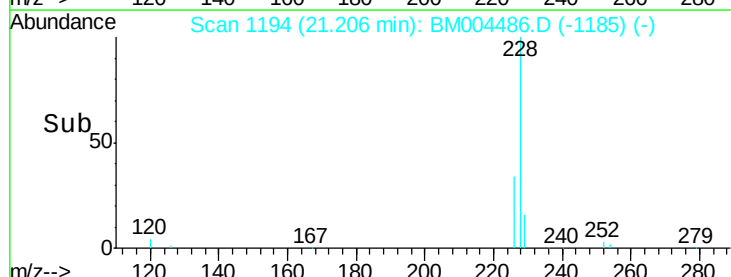
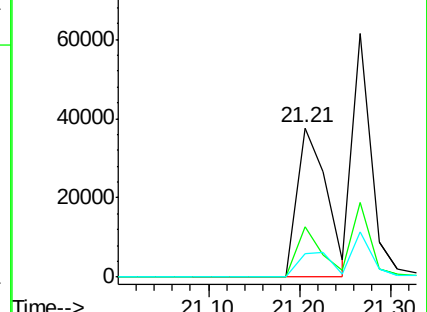
229 15.7 14.6 22.0

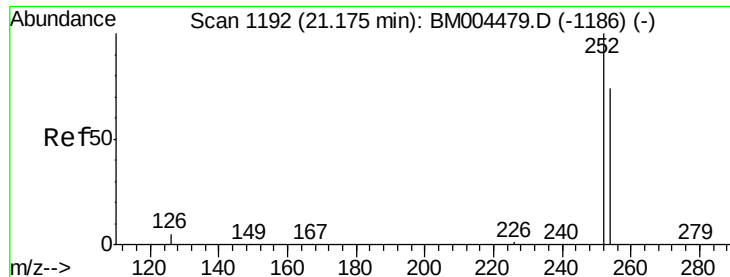


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

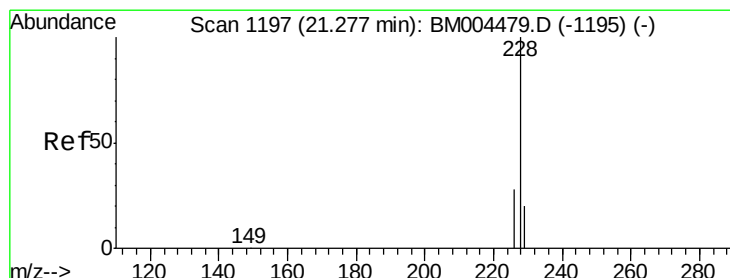
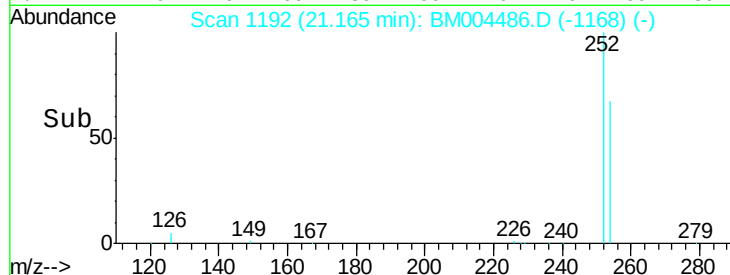
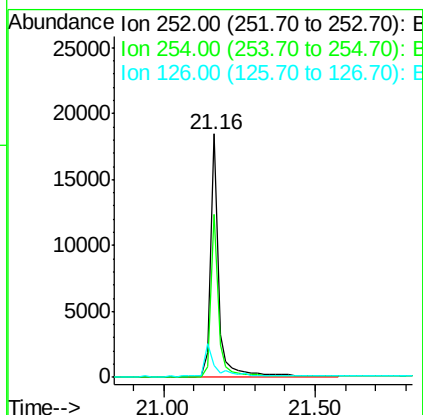
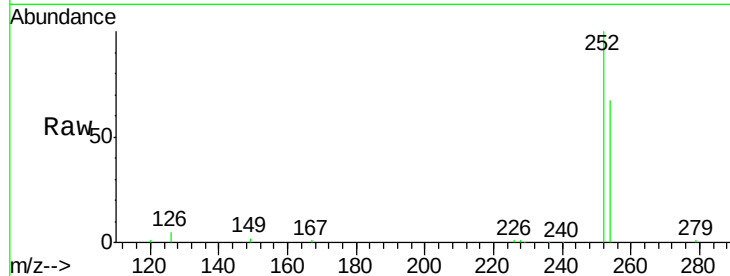




#31
 3,3'-Dichlorobenzidine
 Concen: 2.04 ng
 RT: 21.16 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM004486.D
 Acq: 01 Mar 2016 01:24

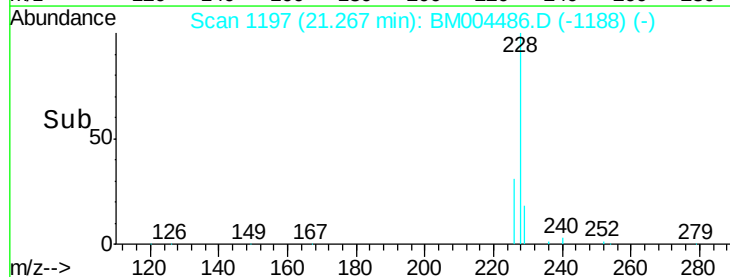
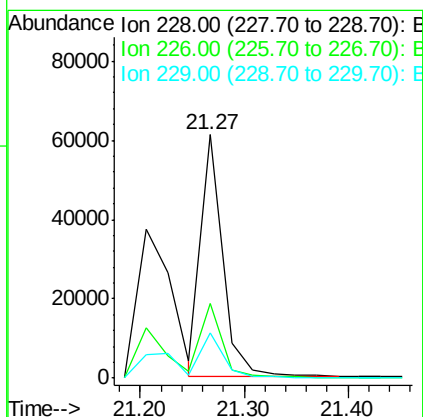
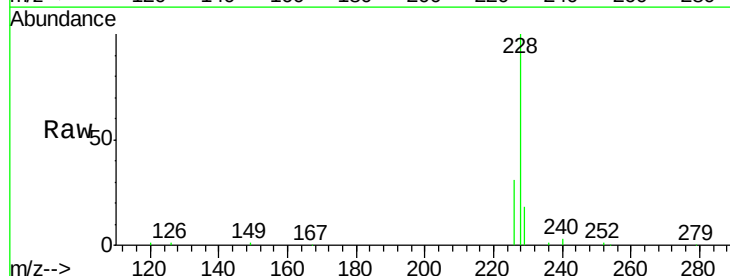
Instrument :
 BNA_M
 ClientSampleId :
 PB88423BSD

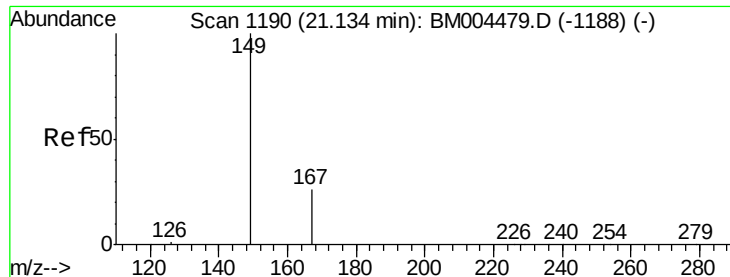
Tgt Ion: 252 Resp: 33868
 Ion Ratio Lower Upper
 252 100
 254 66.8 59.4 89.0
 126 5.1 5.5 8.3#



#32
 Chrysene
 Concen: 2.91 ng
 RT: 21.27 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BM004486.D
 Acq: 01 Mar 2016 01:24

Tgt Ion: 228 Resp: 89493
 Ion Ratio Lower Upper
 228 100
 226 30.7 21.4 32.2
 229 18.4 17.1 25.7





#33

Bis(2-ethylhexyl)phthalate

Concen: 2.50 ng

RT: 21.12 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

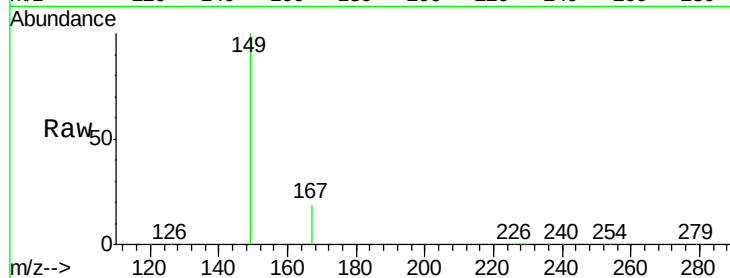
Tgt Ion:149 Resp: 52115

Ion Ratio Lower Upper

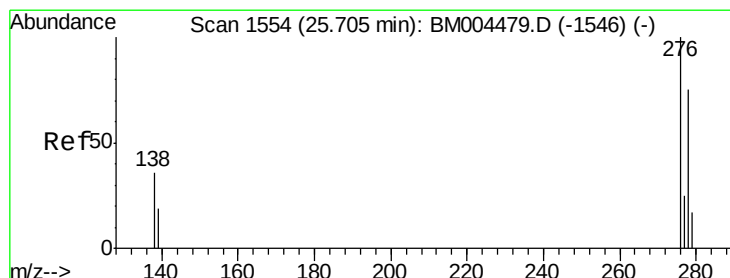
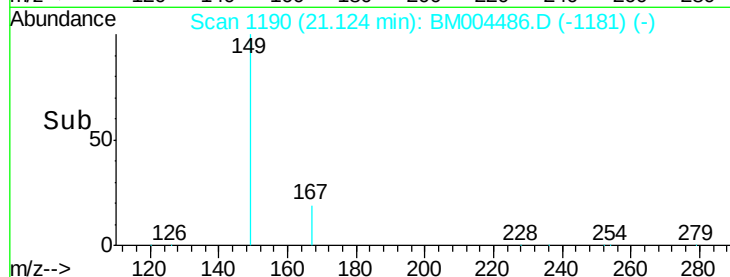
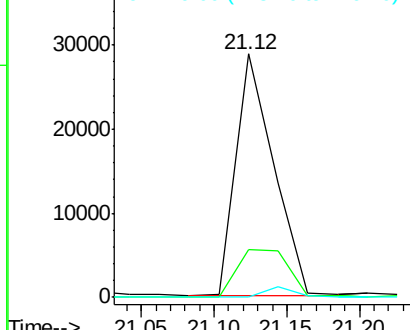
149 100

167 26.2 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: 3.44 ng

RT: 25.68 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

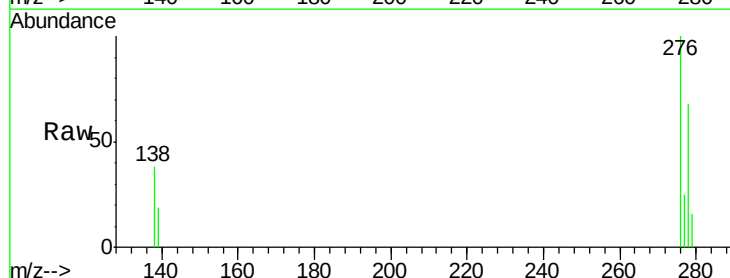
Tgt Ion:276 Resp: 85404

Ion Ratio Lower Upper

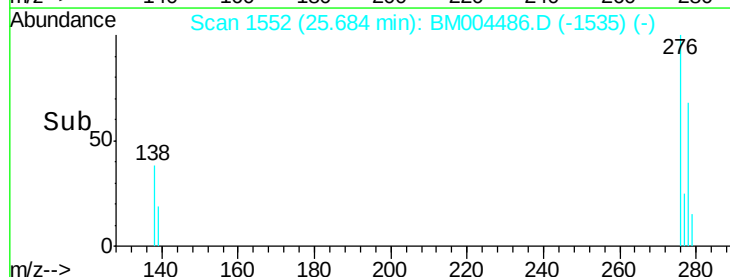
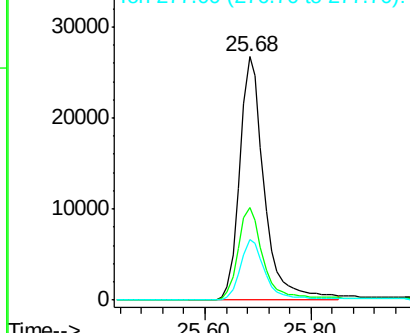
276 100

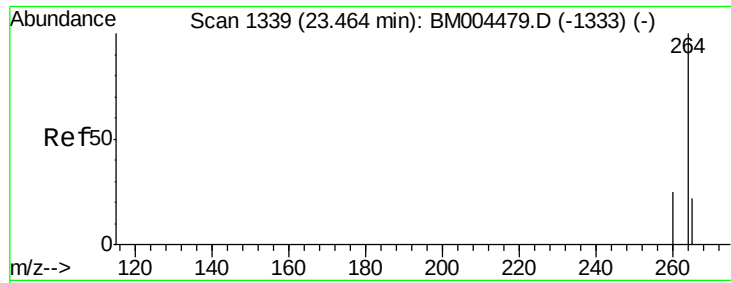
138 38.5 30.4 45.6

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

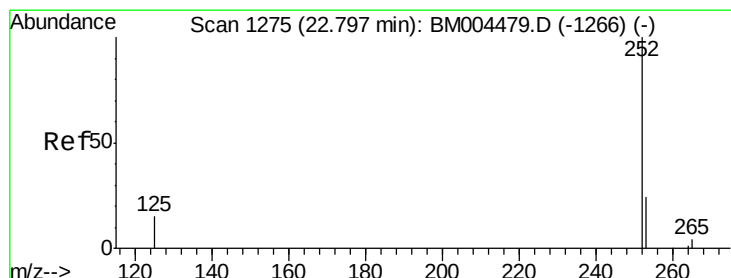
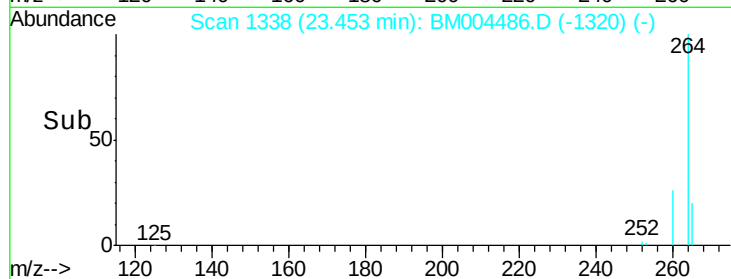
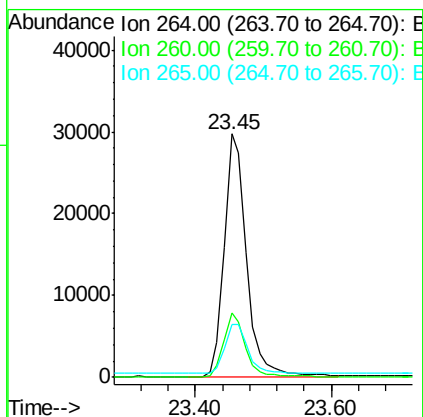
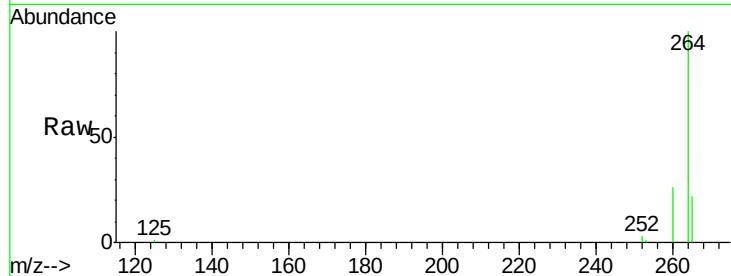




#35
Perylene-d12
 Concen: 5.00 ng
 RT: 23.45 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BM004486.D
 Acq: 01 Mar 2016 01:24

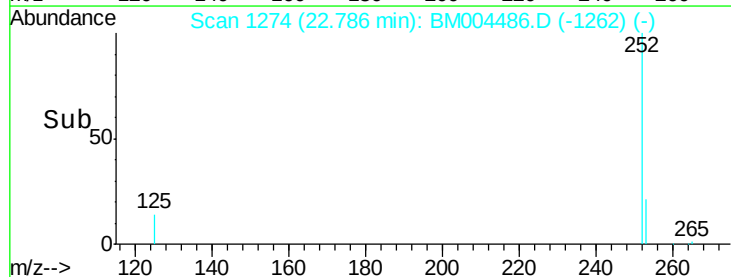
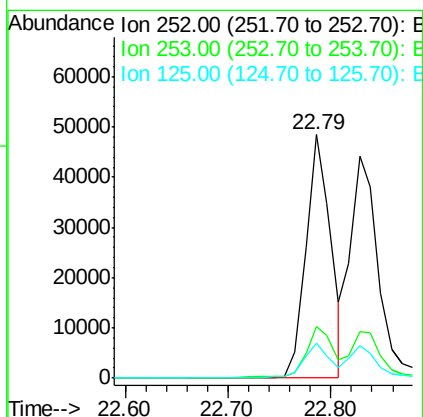
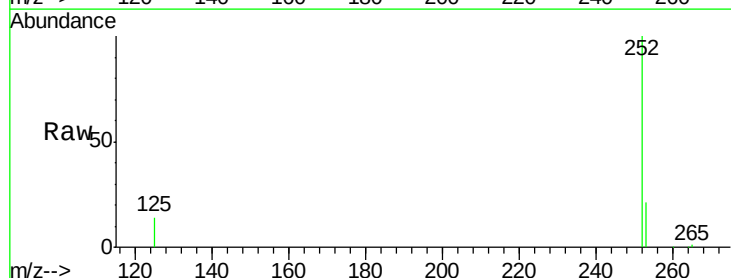
Instrument :
 BNA_M
 ClientSampleId :
 PB88423BSD

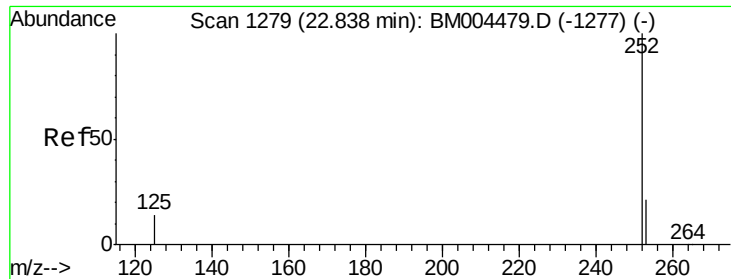
Tgt Ion: 264 Resp: 67149
 Ion Ratio Lower Upper
 264 100
 260 26.4 19.8 29.6
 265 21.8 18.9 28.3



#36
Benzo(b)fluoranthene
 Concen: 3.91 ng
 RT: 22.79 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BM004486.D
 Acq: 01 Mar 2016 01:24

Tgt Ion: 252 Resp: 102255
 Ion Ratio Lower Upper
 252 100
 253 21.4 18.8 28.2
 125 14.4 11.8 17.8

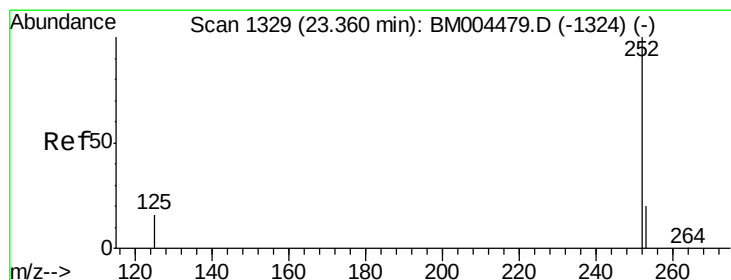
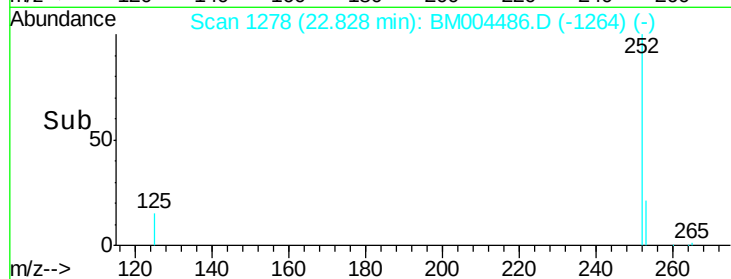
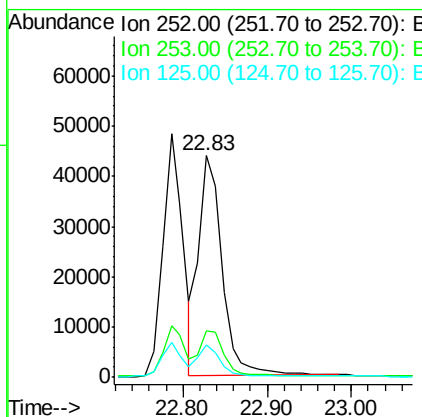
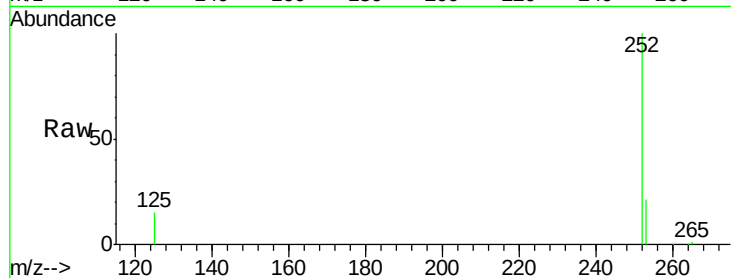




#37
Benzo(k)fluoranthene
Concen: 3.27 ng
RT: 22.83 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BM004486.D
Acq: 01 Mar 2016 01:24

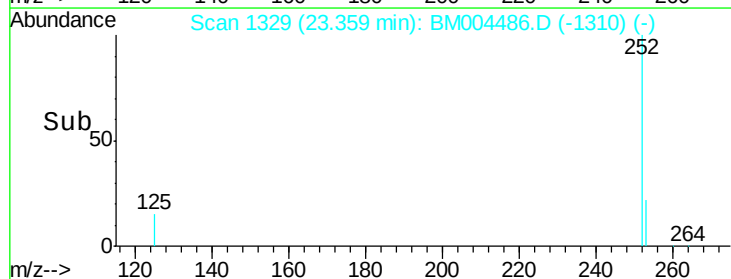
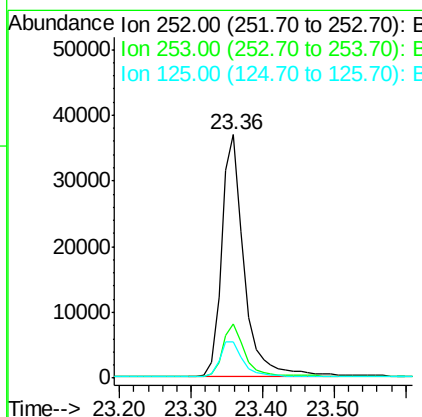
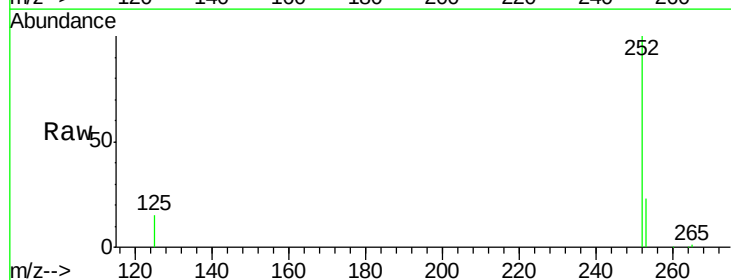
Instrument :
BNA_M
ClientSampleId :
PB88423BSD

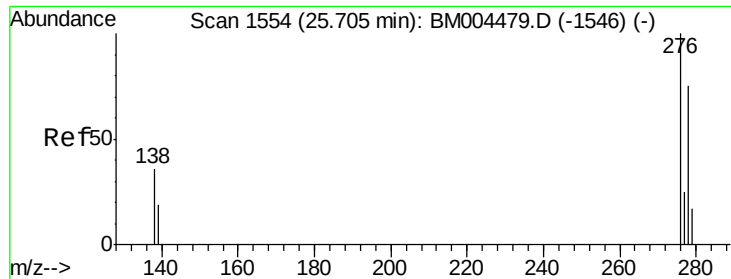
Tgt Ion: 252 Resp: 84247
Ion Ratio Lower Upper
252 100
253 21.1 18.3 27.5
125 14.8 12.2 18.4



#38
Benzo(a)pyrene
Concen: 3.37 ng
RT: 23.36 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM004486.D
Acq: 01 Mar 2016 01:24

Tgt Ion: 252 Resp: 79760
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 15.1 14.3 21.5





#39

Dibenzo(a,h)anthracene

Concen: 3.27 ng

RT: 25.69 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

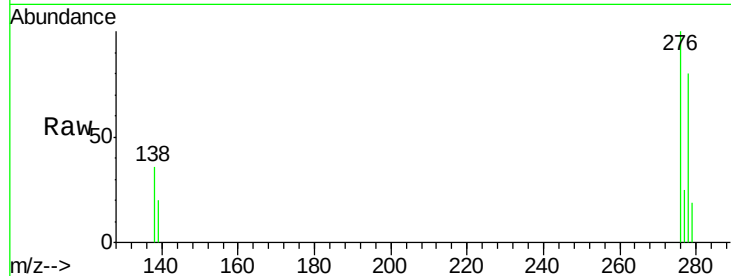
Tgt Ion: 278 Resp: 67309

Ion Ratio Lower Upper

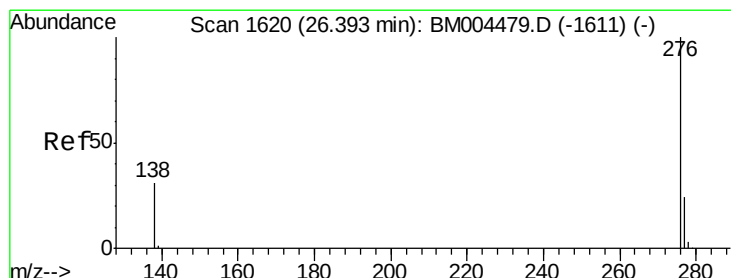
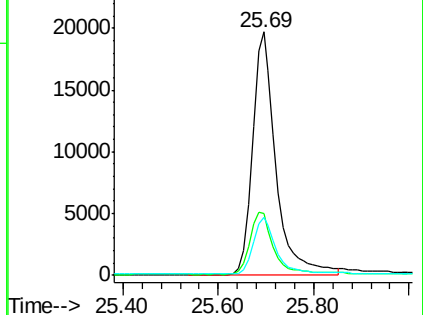
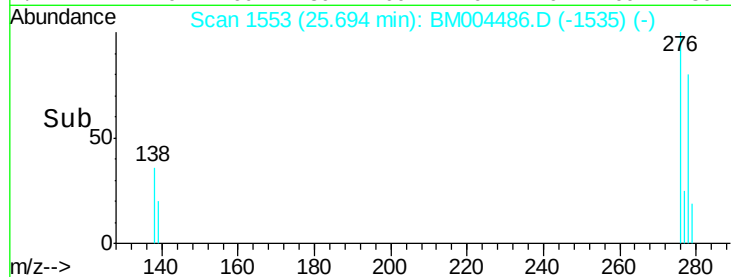
278 100

139 25.2 21.2 31.8

279 23.6 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: 3.22 ng

RT: 26.37 min Scan# 1618

Delta R.T. -0.02 min

Lab File: BM004486.D

Acq: 01 Mar 2016 01:24

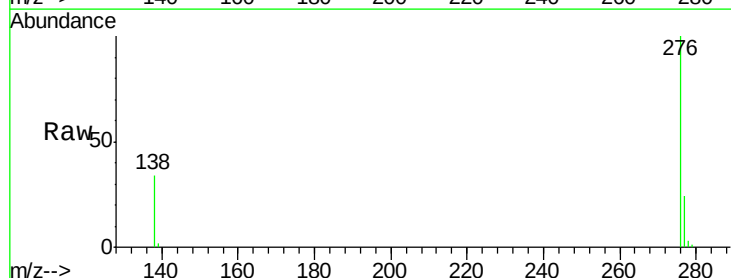
Tgt Ion: 276 Resp: 72771

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

138 34.0 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

