

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022916\
 Data File : BM004483.D
 Acq On : 29 Feb 2016 22:24
 Operator : SJ/UM
 Sample : SSTDICV001
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM022916

Quant Time: Mar 01 05:16:53 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	17624	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	70054	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	35673	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	72074	5.00	ng	0.00
26) Chrysene-d12	21.25	240	71482	5.00	ng	0.01
35) Perylene-d12	23.45	264	66081	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	3946	0.96	ng	0.00
5) Phenol-d6	6.81	99	4577	0.99	ng	0.00
8) Nitrobenzene-d5	8.78	82	3447	0.97	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	1297	0.95	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	11081	1.01	ng	0.00
29) Terphenyl-d14	19.67	244	9790	1.06	ng	0.00

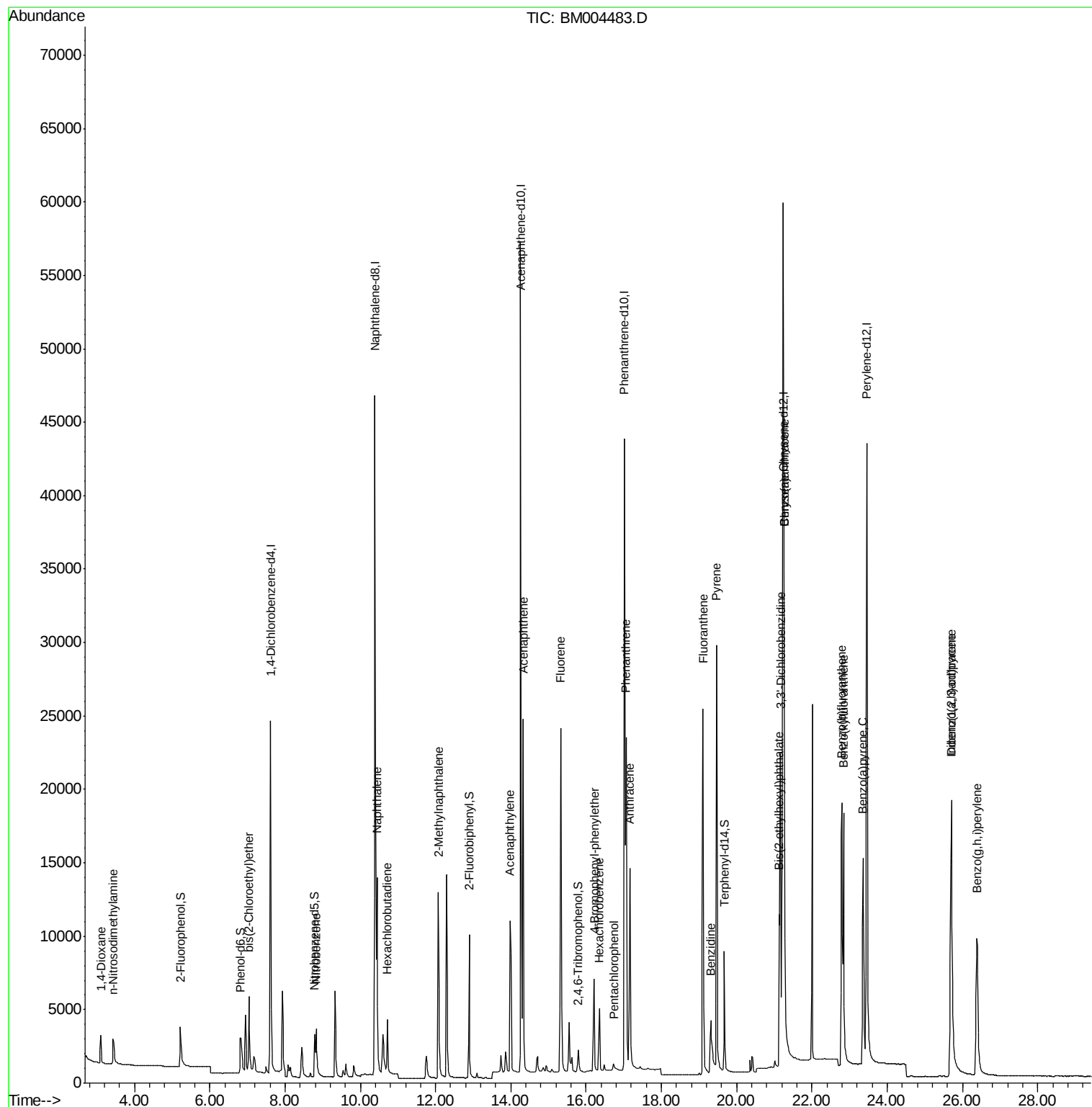
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.10	88	1702	0.98	ng	94
3) n-Nitrosodimethylamine	3.43	42	1688	0.94	ng	99
6) bis(2-Chloroethyl)ether	7.04	93	4912	1.00	ng	99
9) Nitrobenzene	8.83	77	4638	0.96	ng	100
10) Naphthalene	10.44	128	19497	0.98	ng	98
11) Hexachlorobutadiene	10.72	225	3193	0.99	ng	99
12) 2-Methylnaphthalene	12.08	142	12168	1.00	ng	96
16) Acenaphthylene	13.97	152	19611	0.96	ng	# 87
17) Acenaphthene	14.33	154	13533	1.01	ng	98
18) Fluorene	15.33	166	16989	1.04	ng	98
20) 4-Bromophenyl-phenylether	16.22	248	4245	1.20	ng	# 91
21) Hexachlorobenzene	16.35	284	5134	1.23	ng	# 100
22) Pentachlorophenol	16.73	266	770	1.00	ng	95
23) Phenanthrene	17.06	178	27770	1.17	ng	99
24) Anthracene	17.16	178	21323	1.00	ng	97
25) Fluoranthene	19.11	202	28730	1.05	ng	100
27) Benzidine	19.31	184	14230	1.55	ng	92
28) Pyrene	19.47	202	30358	1.07	ng	99
30) Benzo(a)anthracene	21.27	228	30546	1.16	ng	96
31) 3,3'-Dichlorobenzidine	21.16	252	23739	1.49	ng	90
32) Chrysene	21.27	228	31924	0.93	ng	91
33) Bis(2-ethylhexyl)phthalate	21.12	149	16732	0.82	ng	# 48
34) Indeno(1,2,3-cd)pyrene	25.69	276	25526	1.04	ng	100
36) Benzo(b)fluoranthene	22.80	252	25406	0.99	ng	99
37) Benzo(k)fluoranthene	22.84	252	23769	0.94	ng	98
38) Benzo(a)pyrene	23.36	252	23413	1.01	ng	99
39) Dibenzo(a,h)anthracene	25.71	278	19783	0.98	ng	100
40) Benzo(g,h,i)perylene	26.38	276	21925	0.99	ng	98

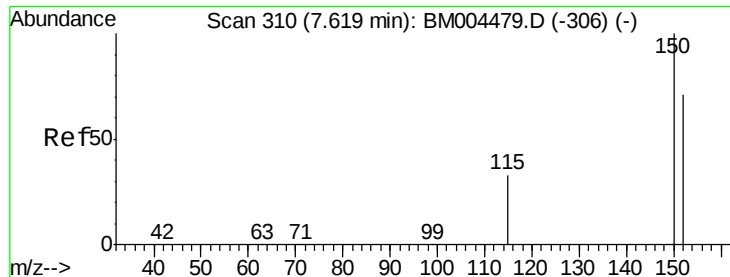
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.62 min Scan# 310

Delta R.T. -0.00 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

Instrument :

BNA_M

ClientSampleId :

ICVBM022916

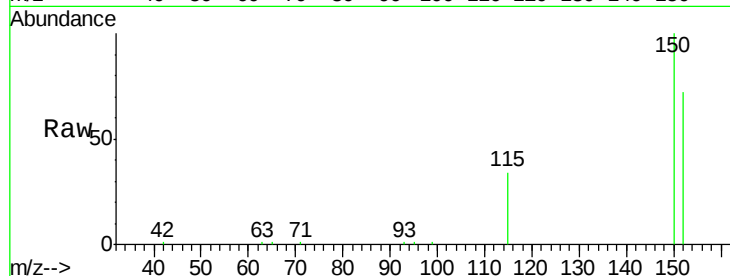
Tgt Ion:152 Resp: 17624

Ion Ratio Lower Upper

152 100

150 138.9 111.9 167.9

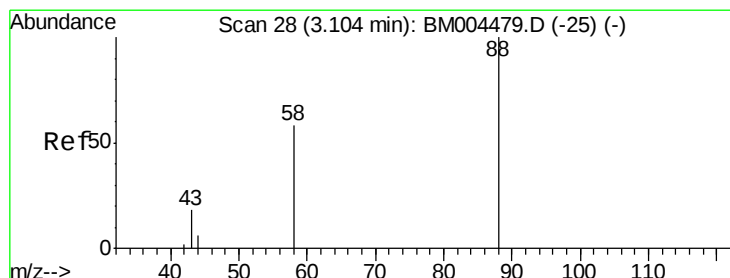
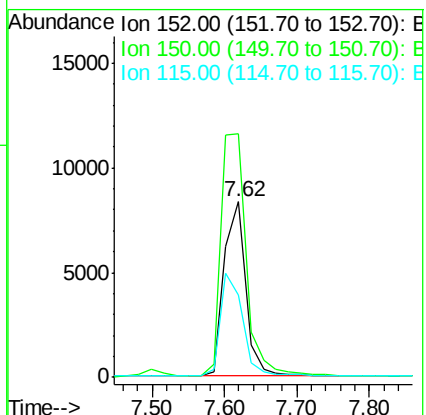
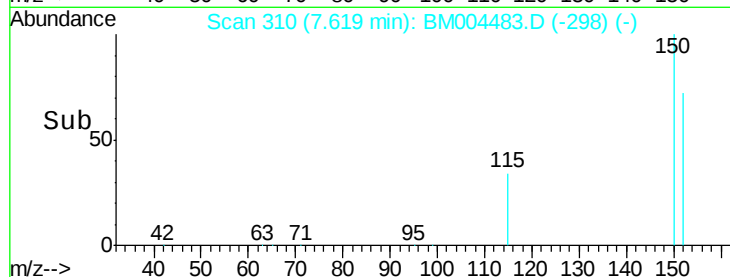
115 47.3 37.7 56.5



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: 0.98 ng

RT: 3.10 min Scan# 28

Delta R.T. 0.00 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

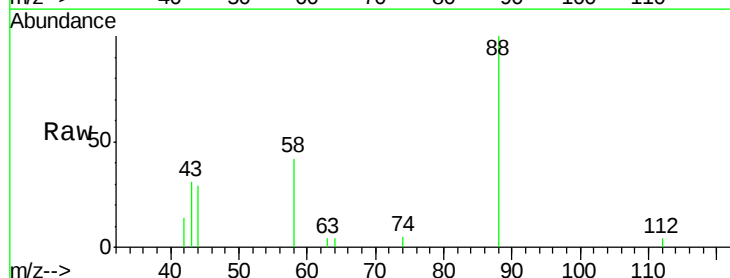
Tgt Ion: 88 Resp: 1702

Ion Ratio Lower Upper

88 100

58 60.9 45.4 68.0

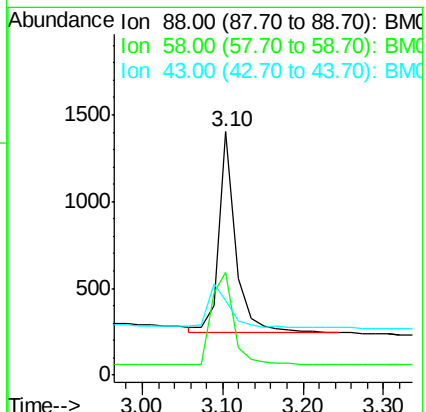
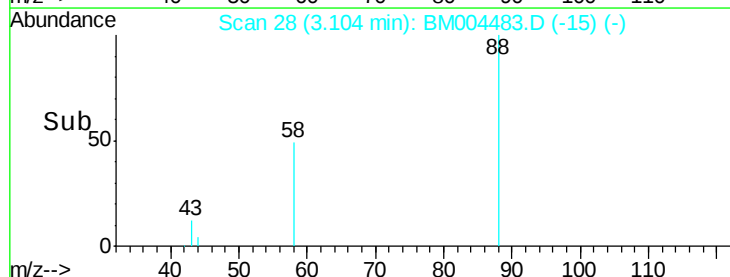
43 27.5 19.3 28.9

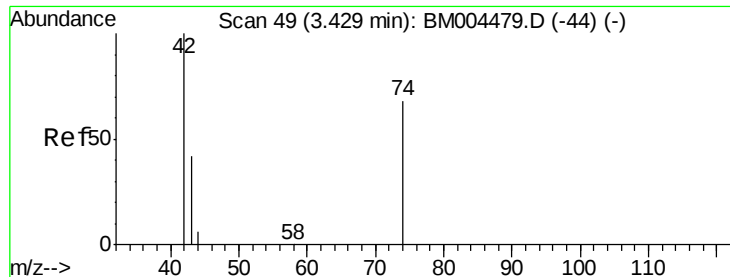


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.94 ng

RT: 3.43 min Scan# 49

Delta R.T. -0.00 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

Instrument :

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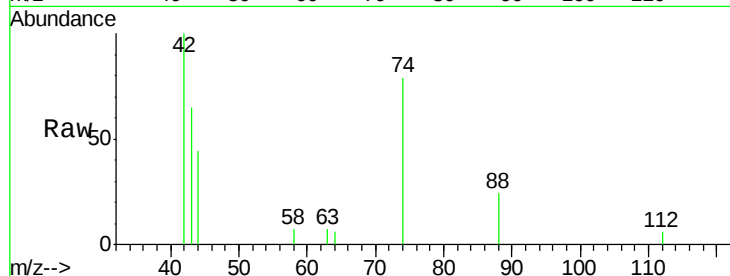
Tgt Ion: 42 Resp: 1688

Ion Ratio Lower Upper

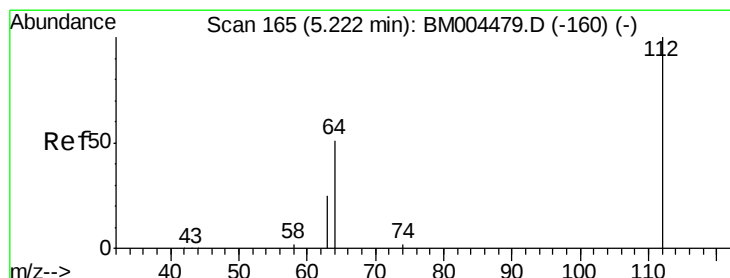
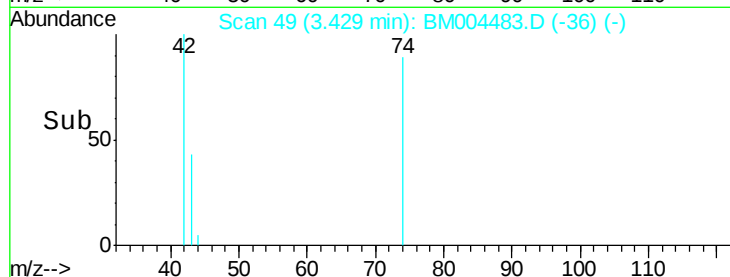
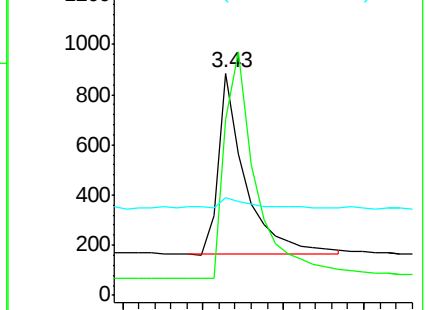
42 100

74 148.3 117.8 176.8

44 6.4 6.1 9.1



Abundance Ion 42.00 (41.70 to 42.70): BM004483.D (-42)
Ion 74.00 (73.70 to 74.70): BM004483.D (-74)
Ion 44.00 (43.70 to 44.70): BM004483.D (-44)



#4

2-Fluorophenol

Concen: 0.96 ng

RT: 5.22 min Scan# 165

Delta R.T. -0.00 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

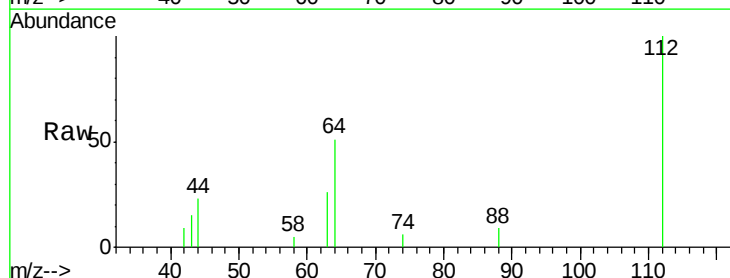
Tgt Ion: 112 Resp: 3946

Ion Ratio Lower Upper

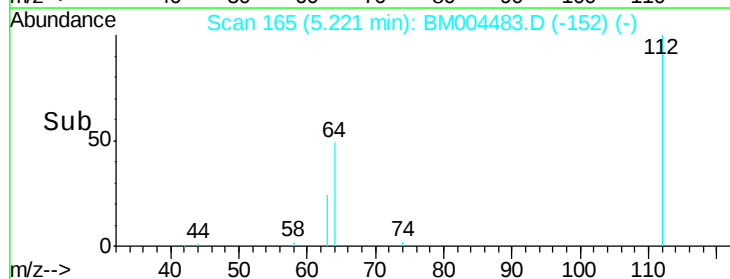
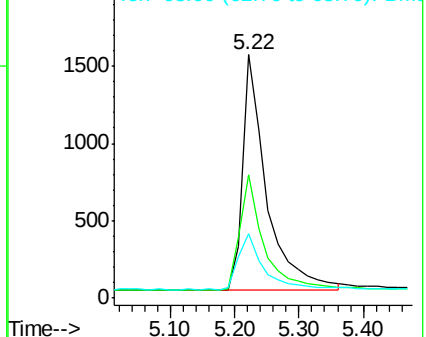
112 100

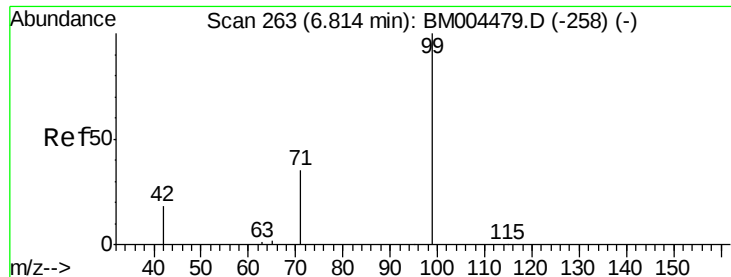
64 48.9 39.6 59.4

63 25.0 20.0 30.0



Abundance Ion 112.00 (111.70 to 112.70): BM004483.D (-112)
Ion 64.00 (63.70 to 64.70): BM004483.D (-64)
Ion 63.00 (62.70 to 63.70): BM004483.D (-63)





#5

Phenol-d6

Concen: 0.99 ng

RT: 6.81 min Scan# 263

Delta R.T. -0.00 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

Instrument :

BNA_M

ClientSampleId :

ICVBM022916

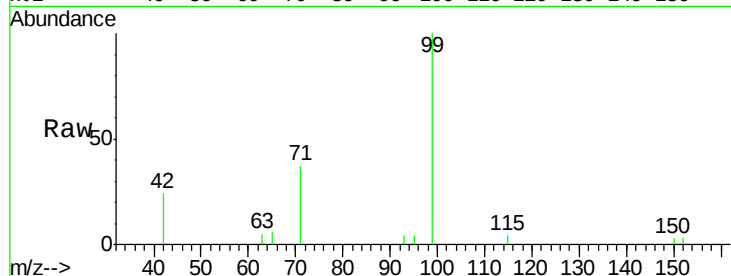
Tgt Ion: 99 Resp: 4577

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

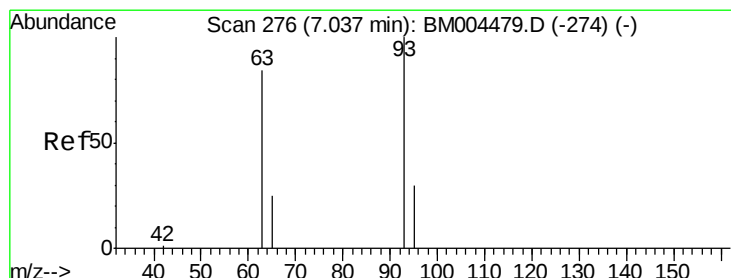
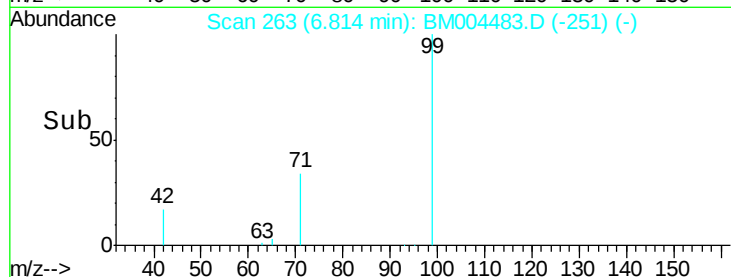
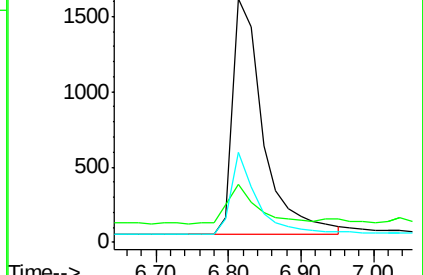
71 29.1 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM004483.D (-251) (-)

Ion 42.00 (41.70 to 42.70): BM004483.D (-251) (-)

Ion 71.00 (70.70 to 71.70): BM004483.D (-251) (-)



#6

bis(2-Chloroethyl)ether

Concen: 1.00 ng

RT: 7.04 min Scan# 276

Delta R.T. -0.00 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

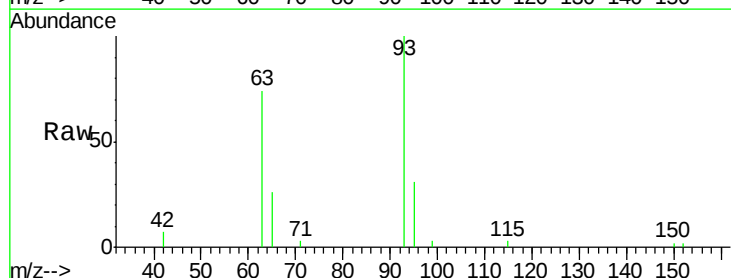
Tgt Ion: 93 Resp: 4912

Ion Ratio Lower Upper

93 100

63 63.9 51.7 77.5

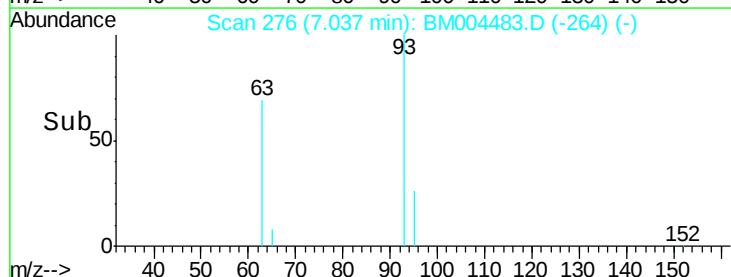
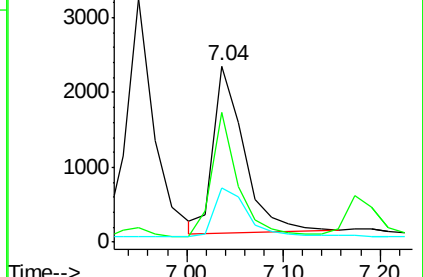
95 32.3 25.4 38.2

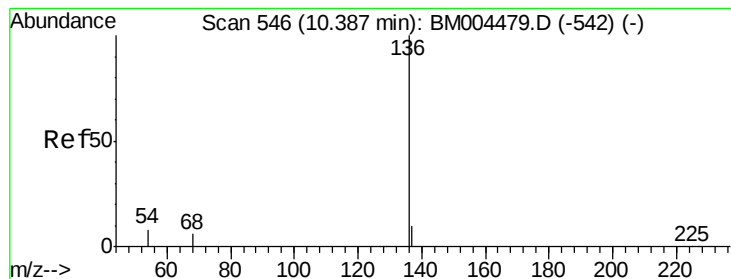


Abundance Ion 93.00 (92.70 to 93.70): BM004483.D (-264) (-)

Ion 63.00 (62.70 to 63.70): BM004483.D (-264) (-)

Ion 95.00 (94.70 to 95.70): BM004483.D (-264) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. 0.00 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

Instrument :

BNA_M

ClientSampleId :

ICVBM022916

Tgt Ion:136 Resp: 70054

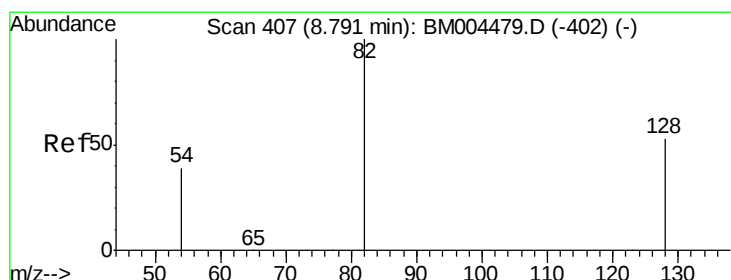
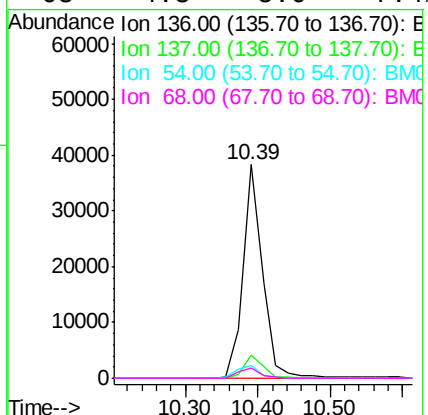
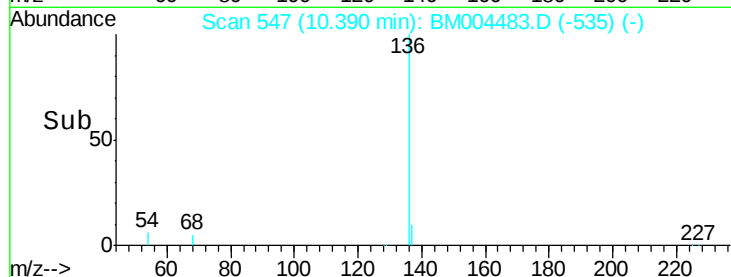
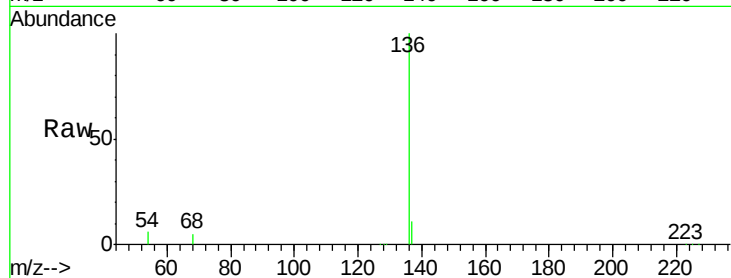
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.2

54 5.9 6.4 9.6#

68 4.8 5.0 7.4#



#8

Nitrobenzene-d5

Concen: 0.97 ng

RT: 8.78 min Scan# 407

Delta R.T. -0.01 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

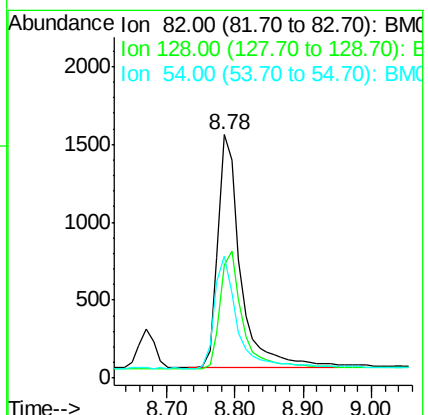
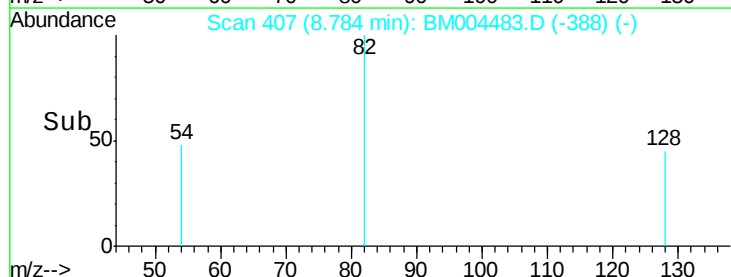
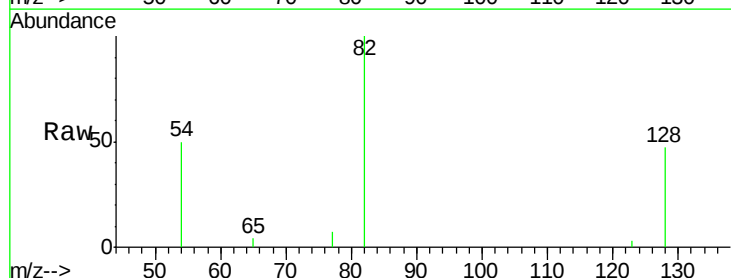
Tgt Ion: 82 Resp: 3447

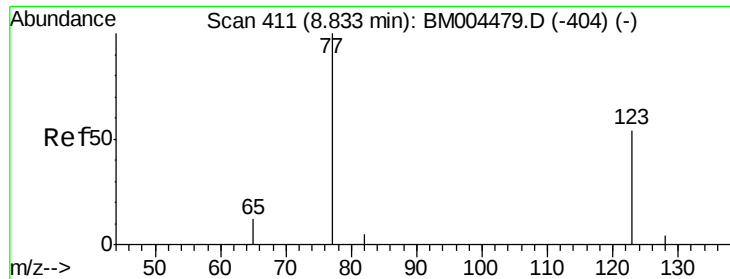
Ion Ratio Lower Upper

82 100

128 46.5 43.7 65.5

54 50.3 33.5 50.3





#9

Nitrobenzene

Concen: 0.96 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.01 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

Instrument :

BNA_M

ClientSampleId :

ICVBM022916

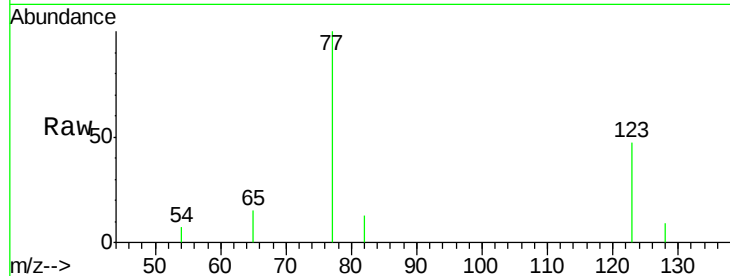
Tgt Ion: 77 Resp: 4638

Ion Ratio Lower Upper

77 100

123 53.1 42.2 63.2

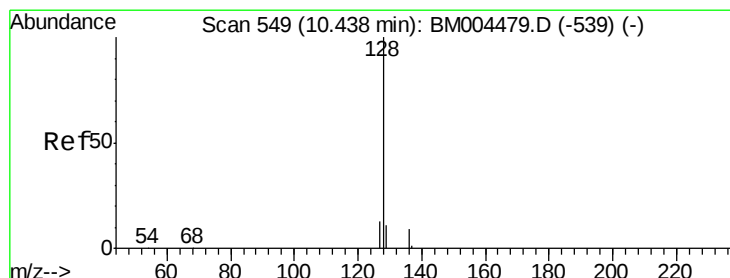
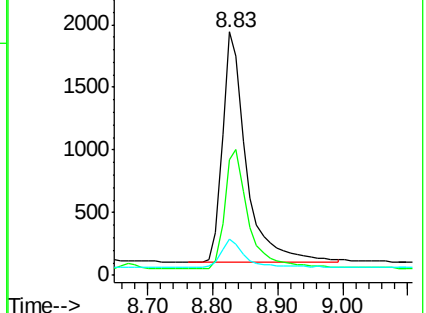
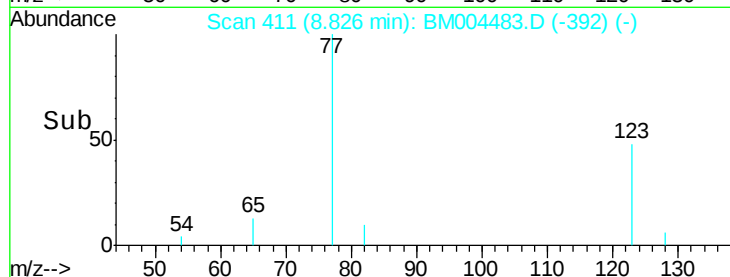
65 12.3 10.0 15.0



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: 0.98 ng

RT: 10.44 min Scan# 550

Delta R.T. 0.00 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

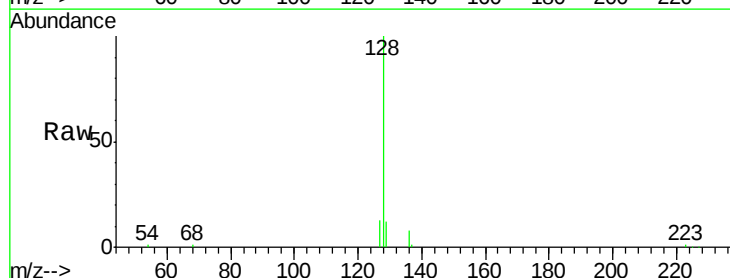
Tgt Ion: 128 Resp: 19497

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

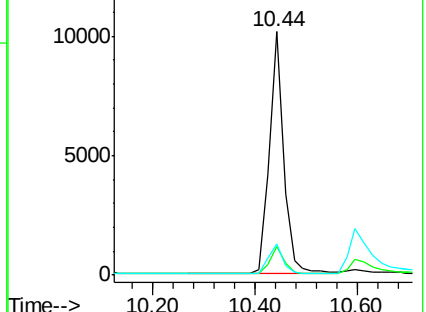
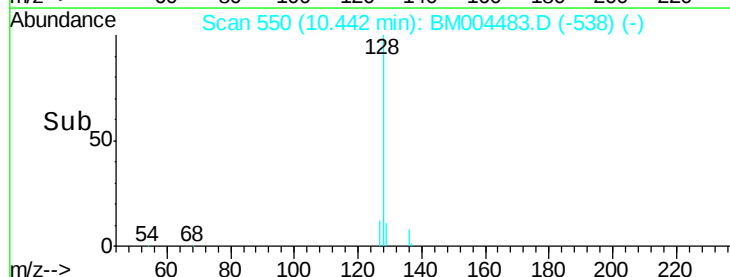
127 12.8 10.9 16.3

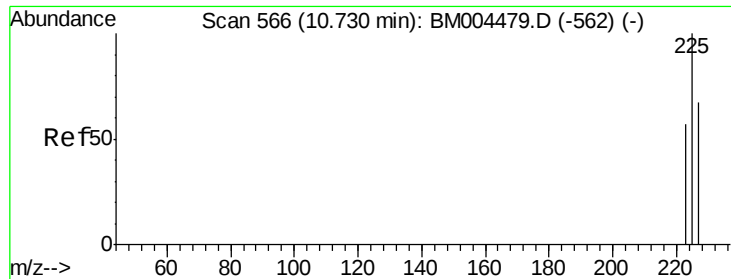


Abundance Ion 128.00 (127.70 to 128.70): BM004479.D (-539) (-)

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

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

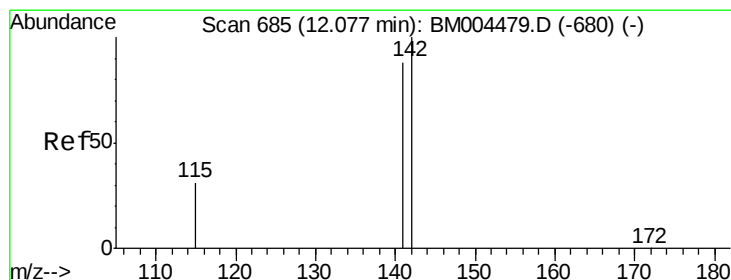
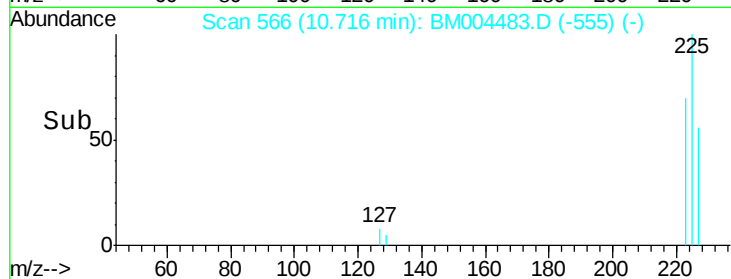
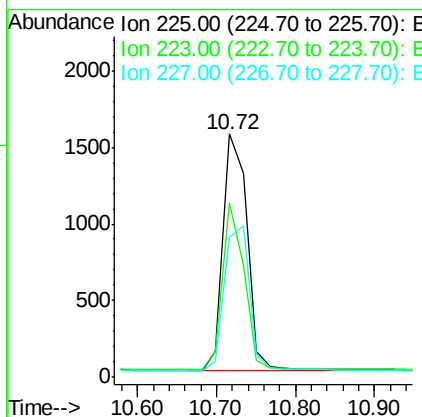
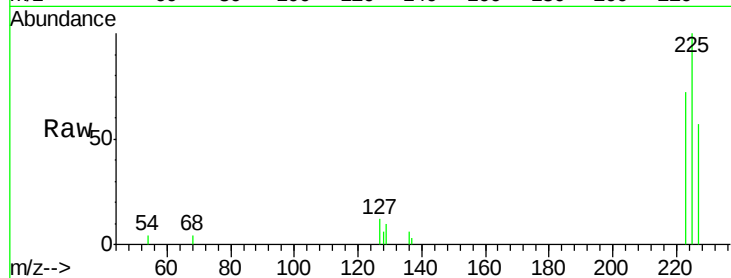




#11
Hexachlorobutadiene
Concen: 0.99 ng
RT: 10.72 min Scan# 566
Delta R.T. -0.01 min
Lab File: BM004483.D
Acq: 29 Feb 2016 22:24

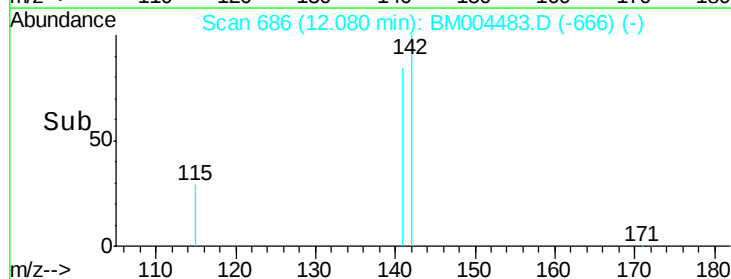
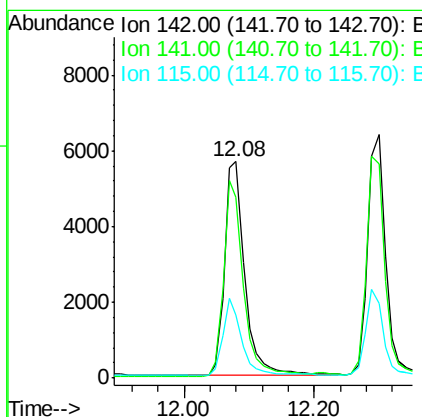
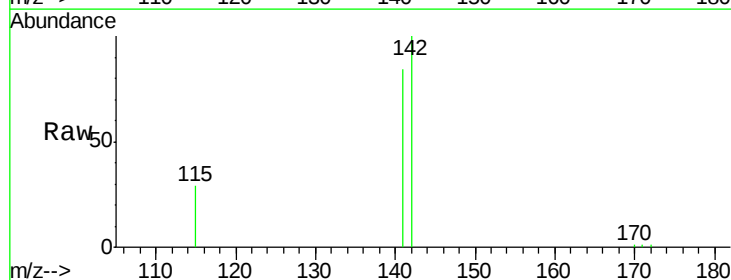
Instrument :
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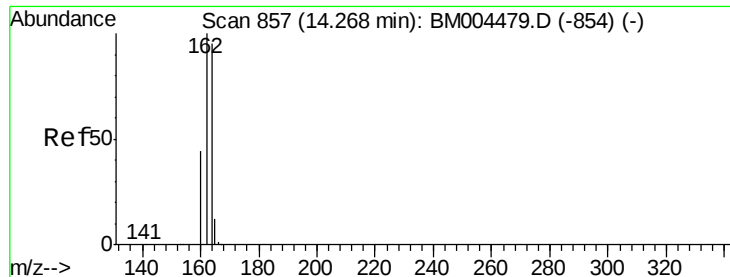
Tgt Ion: 225 Resp: 3193
Ion Ratio Lower Upper
225 100
223 63.0 50.3 75.5
227 64.0 50.6 75.8



#12
2-Methylnaphthalene
Concen: 1.00 ng
RT: 12.08 min Scan# 686
Delta R.T. 0.00 min
Lab File: BM004483.D
Acq: 29 Feb 2016 22:24

Tgt Ion: 142 Resp: 12168
Ion Ratio Lower Upper
142 100
141 83.7 70.2 105.2
115 29.4 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: BM004483.D

Acq: 29 Feb 2016 22:24

Instrument :

BNA_M

ClientSampleId :

ICVBM022916

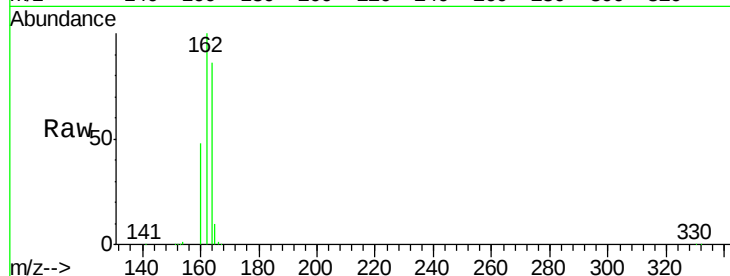
Tgt Ion:164 Resp: 35673

Ion Ratio Lower Upper

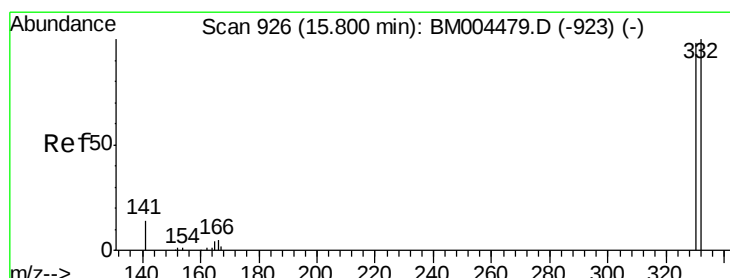
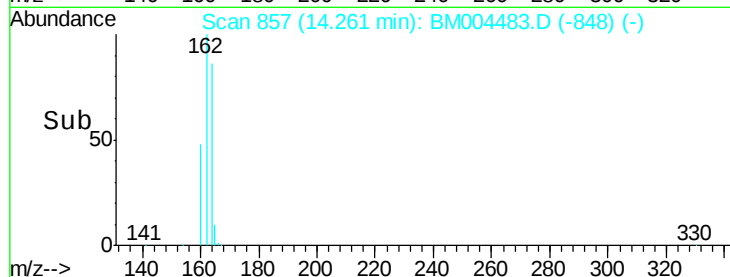
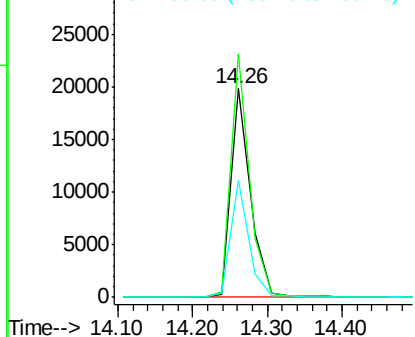
164 100

162 116.6 84.2 126.4

160 56.2 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: 0.95 ng

RT: 15.79 min Scan# 926

Delta R.T. -0.01 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

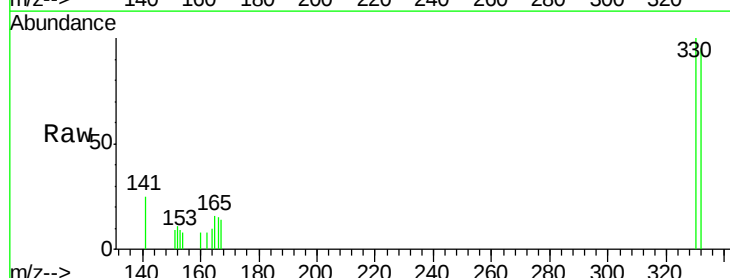
Tgt Ion:330 Resp: 1297

Ion Ratio Lower Upper

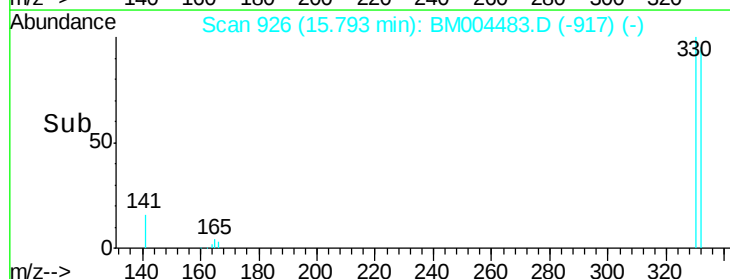
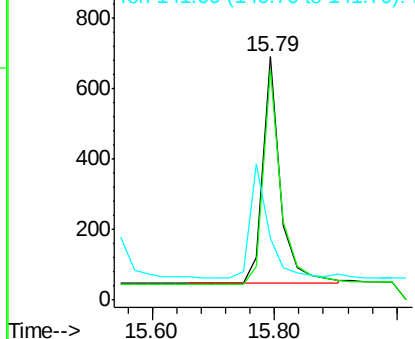
330 100

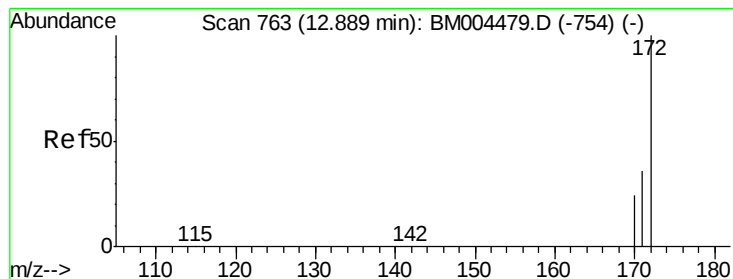
332 95.5 76.1 114.1

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

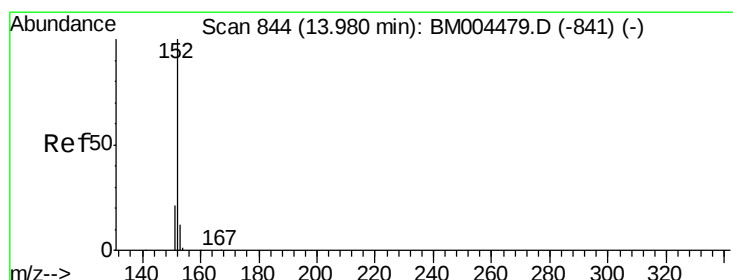
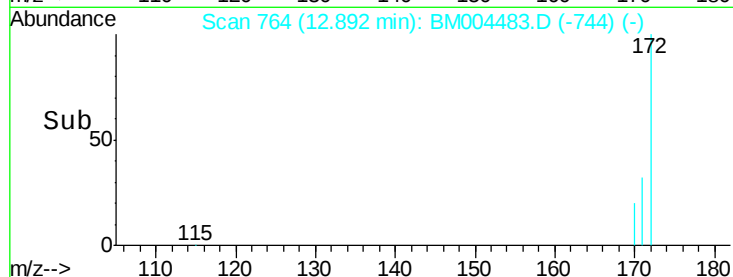
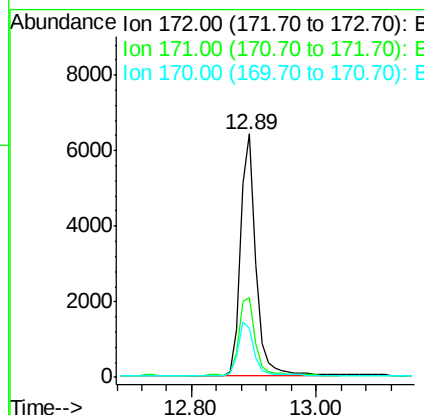
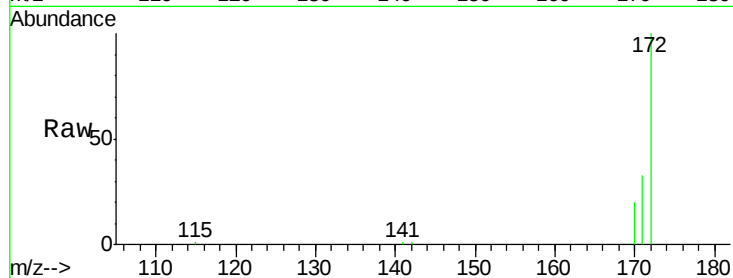




#15
2-Fluorobiphenyl
Concen: 1.01 ng
RT: 12.89 min Scan# 764
Delta R.T. 0.00 min
Lab File: BM004483.D
Acq: 29 Feb 2016 22:24

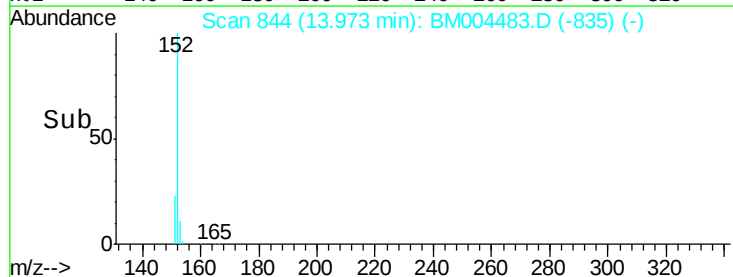
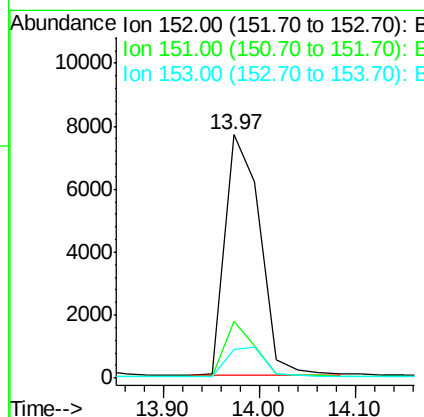
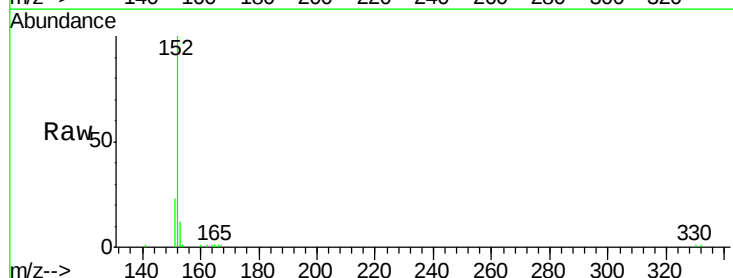
Instrument :
BNA_M
ClientSampleId :
ICVBM022916

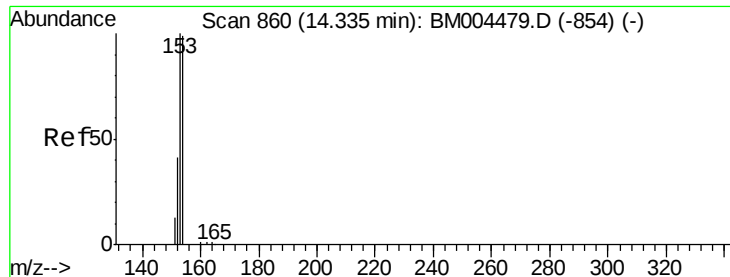
Tgt Ion:172 Resp: 11081
Ion Ratio Lower Upper
172 100
171 32.8 29.2 43.8
170 20.4 19.7 29.5



#16
Acenaphthylene
Concen: 0.96 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.01 min
Lab File: BM004483.D
Acq: 29 Feb 2016 22:24

Tgt Ion:152 Resp: 19611
Ion Ratio Lower Upper
152 100
151 19.7 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: BM004483.D

Acq: 29 Feb 2016 22:24

Instrument :

BNA_M

ClientSampleId :

ICVBM022916

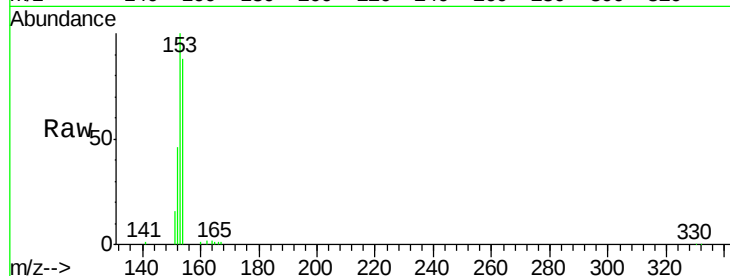
Tgt Ion:154 Resp: 13533

Ion Ratio Lower Upper

154 100

153 113.0 88.0 132.0

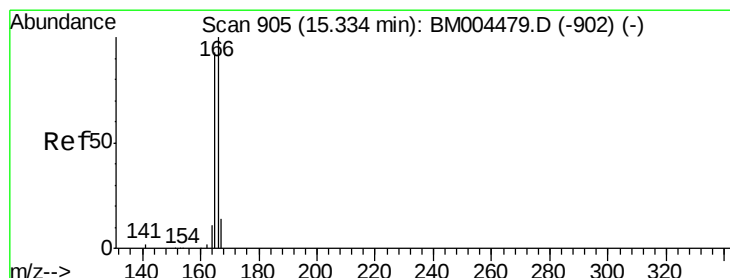
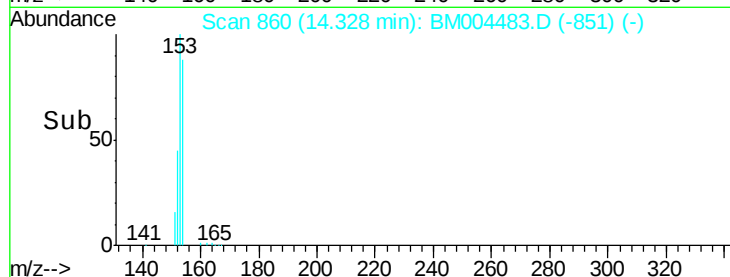
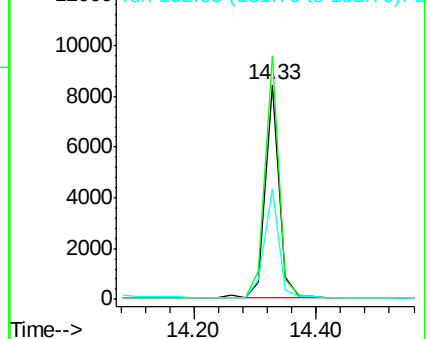
152 52.3 41.1 61.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 1.04 ng

RT: 15.33 min Scan# 905

Delta R.T. -0.01 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

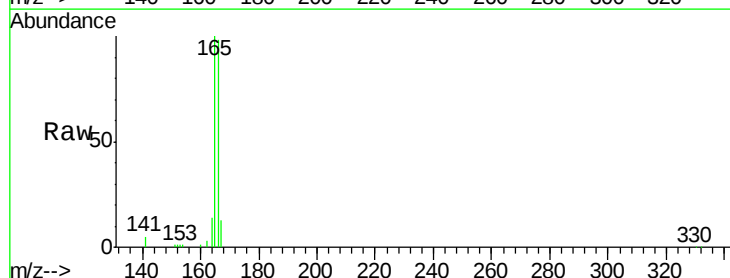
Tgt Ion:166 Resp: 16989

Ion Ratio Lower Upper

166 100

165 99.0 77.2 115.8

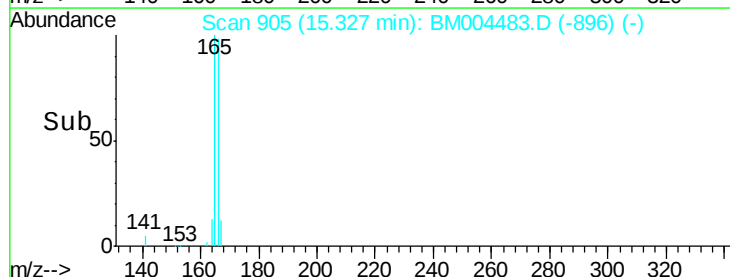
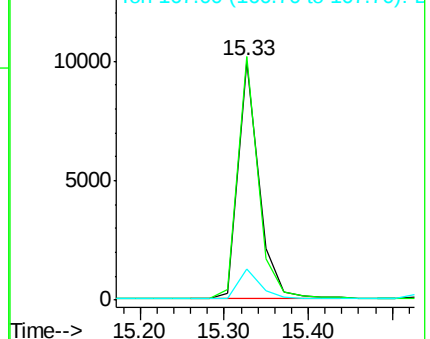
167 13.2 10.9 16.3

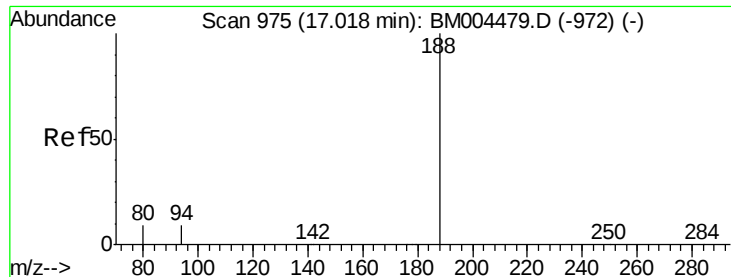


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 975

Delta R.T. -0.01 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

Instrument :

BNA_M

ClientSampleId :

ICVBM022916

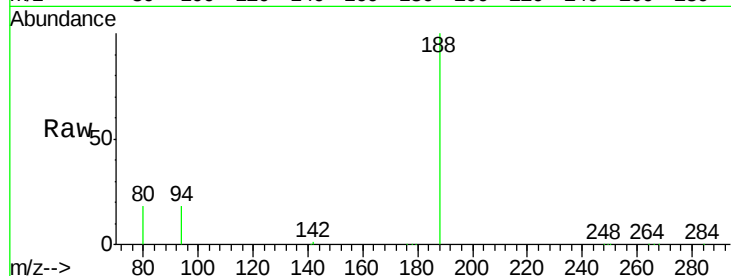
Tgt Ion:188 Resp: 72074

Ion Ratio Lower Upper

188 100

94 17.7 7.4 11.0#

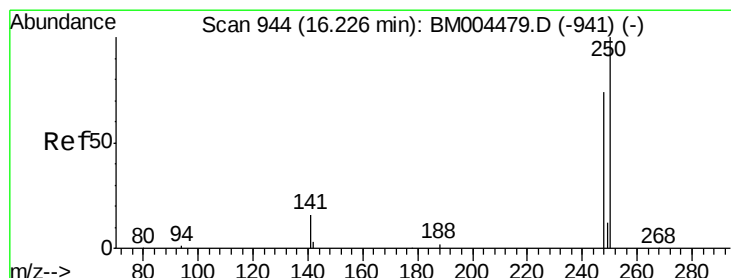
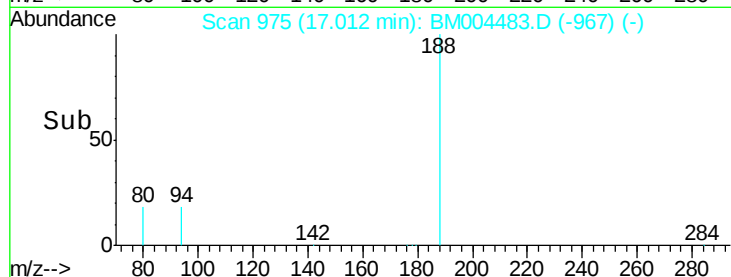
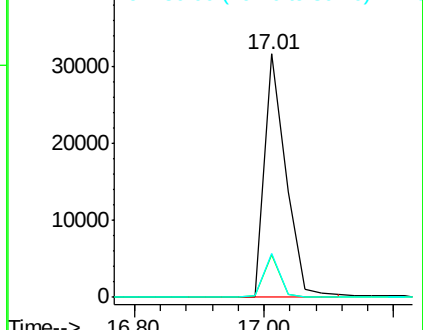
80 18.2 6.9 10.3#



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: 1.20 ng

RT: 16.22 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

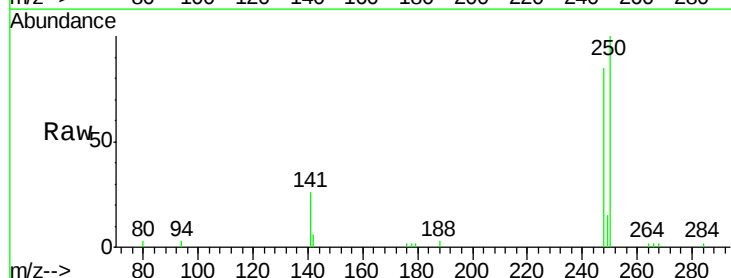
Tgt Ion:248 Resp: 4245

Ion Ratio Lower Upper

248 100

250 110.6 81.5 122.3

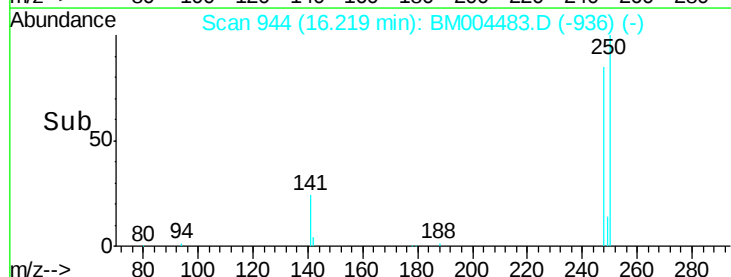
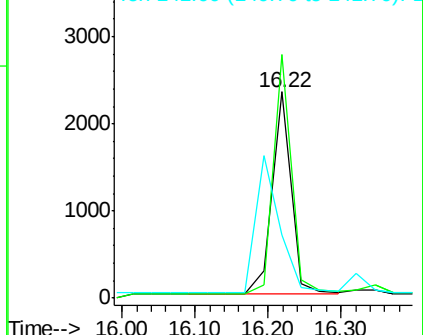
141 0.0 0.0 0.0

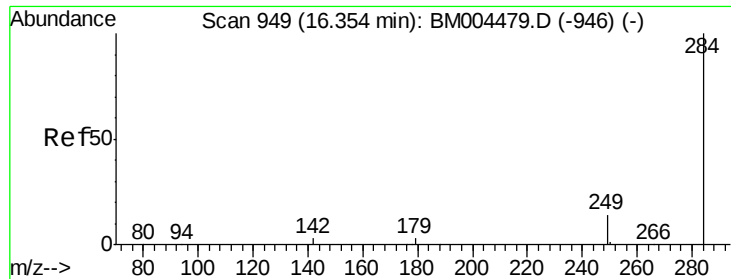


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

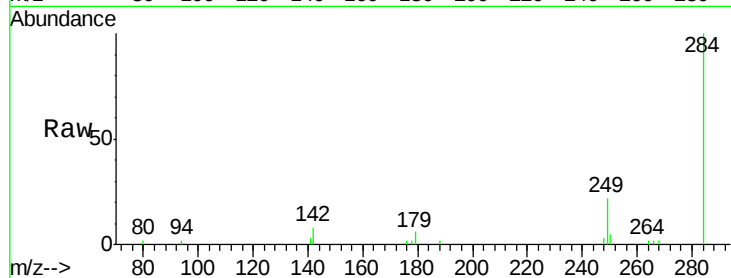




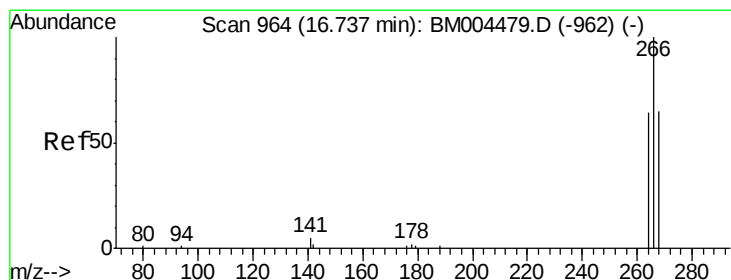
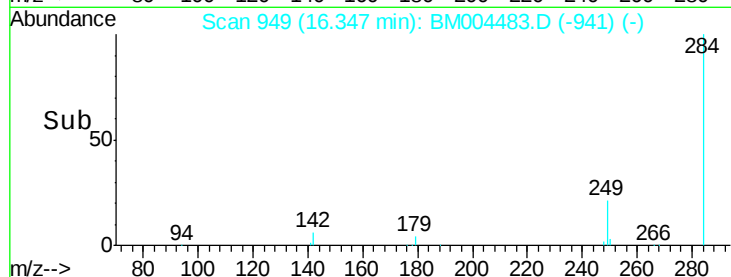
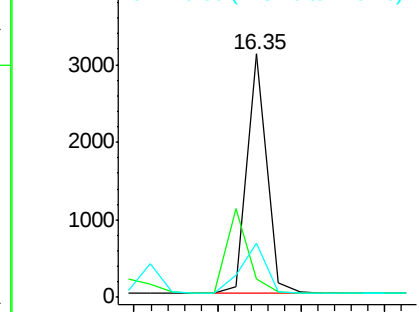
#21
Hexachlorobenzene
Concen: 1.23 ng
RT: 16.35 min Scan# 949
Delta R.T. -0.01 min
Lab File: BM004483.D
Acq: 29 Feb 2016 22:24

Instrument :
BNA_M
ClientSampleId :
ICVBM022916

Tgt Ion: 284 Resp: 5134
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 26.7 0.0 0.0#

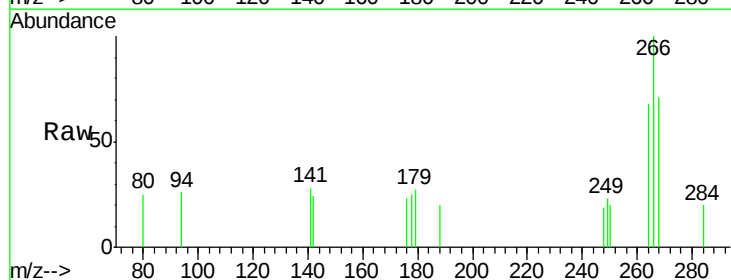


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

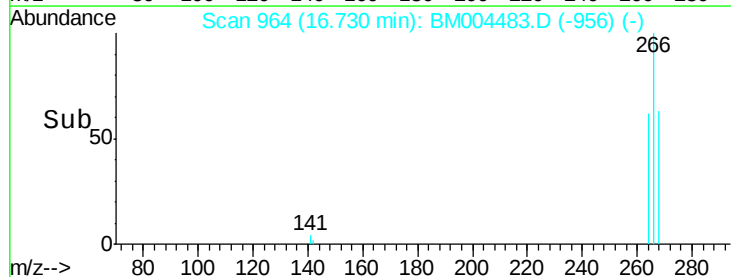
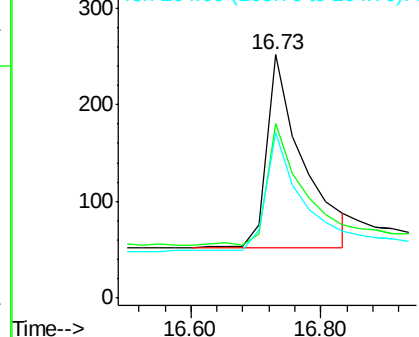


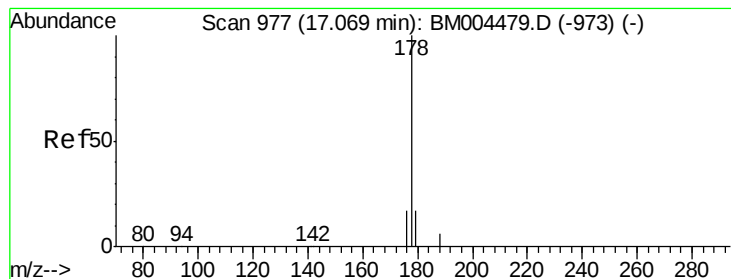
#22
Pentachlorophenol
Concen: 1.00 ng
RT: 16.73 min Scan# 964
Delta R.T. -0.01 min
Lab File: BM004483.D
Acq: 29 Feb 2016 22:24

Tgt Ion: 266 Resp: 770
Ion Ratio Lower Upper
266 100
268 71.4 60.7 91.1
264 67.9 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: 1.17 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

Instrument :

BNA_M

ClientSampleId :

ICVBM022916

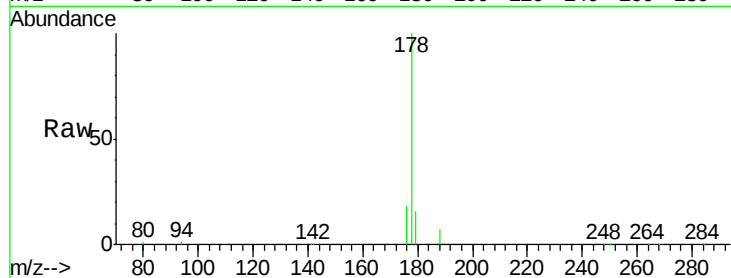
Tgt Ion:178 Resp: 27770

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

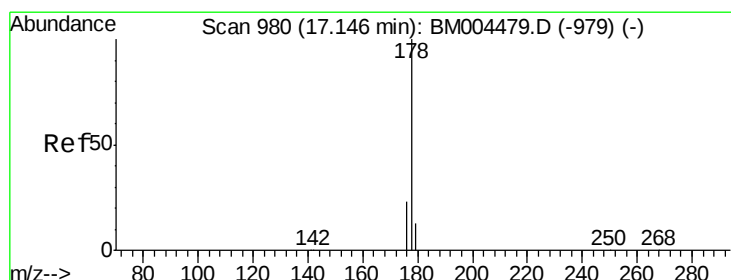
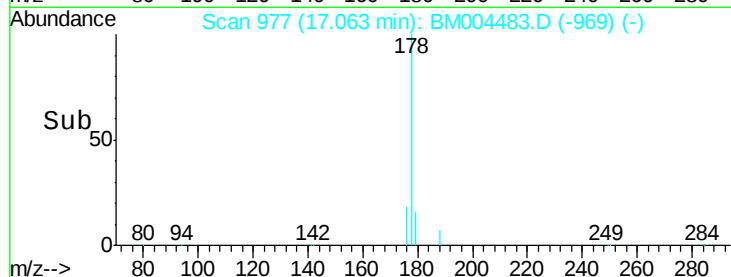
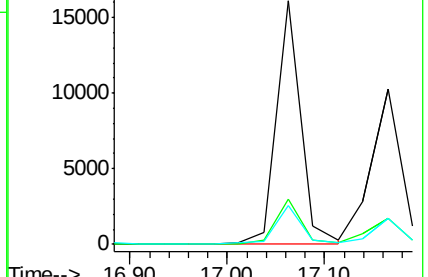
179 15.7 12.9 19.3



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: 1.00 ng

RT: 17.16 min Scan# 981

Delta R.T. 0.02 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

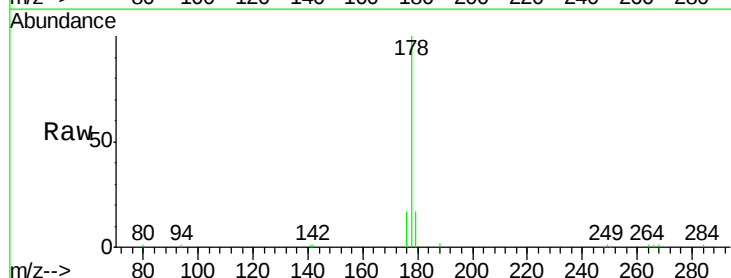
Tgt Ion:178 Resp: 21323

Ion Ratio Lower Upper

178 100

176 18.1 15.6 23.4

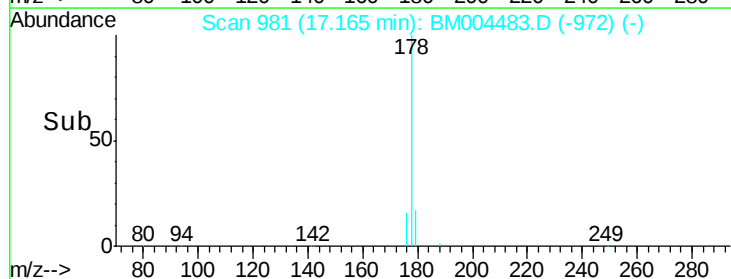
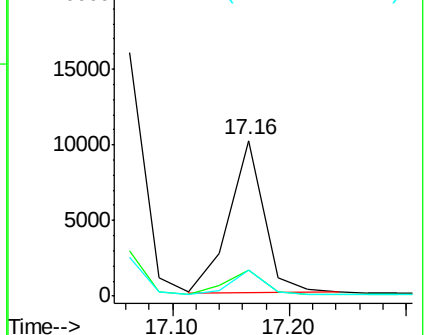
179 15.6 13.6 20.4

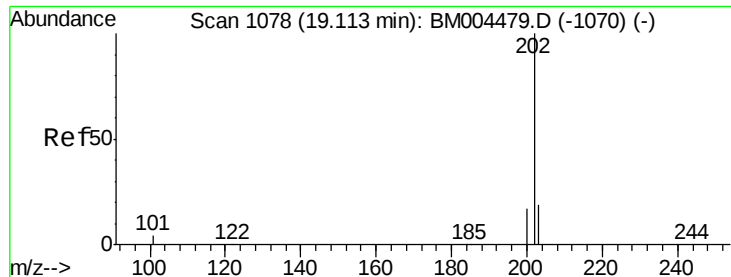


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 1.05 ng

RT: 19.11 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

Instrument :

BNA_M

ClientSampleId :

ICVBM022916

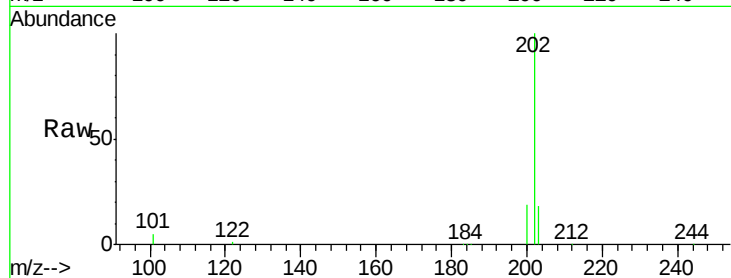
Tgt Ion: 202 Resp: 28730

Ion Ratio Lower Upper

202 100

101 11.7 9.4 14.2

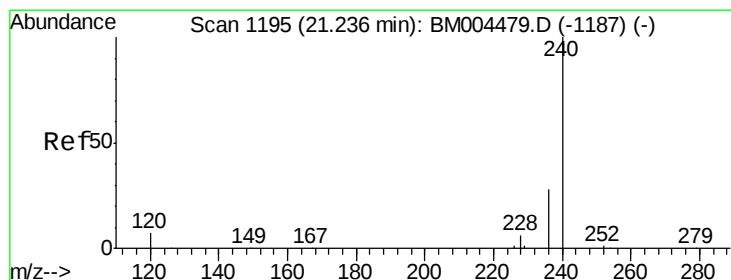
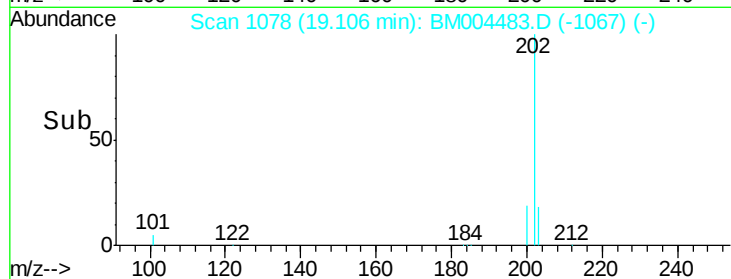
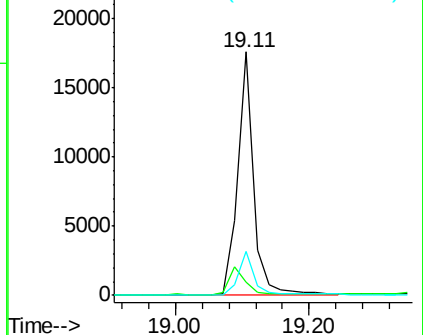
203 17.4 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

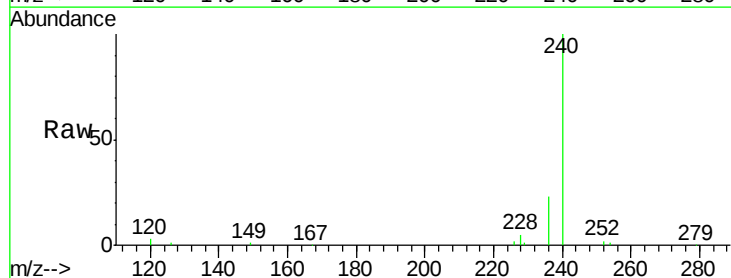
Tgt Ion: 240 Resp: 71482

Ion Ratio Lower Upper

240 100

120 3.2 6.1 9.1#

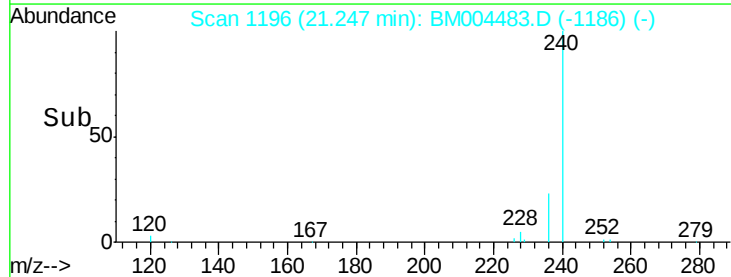
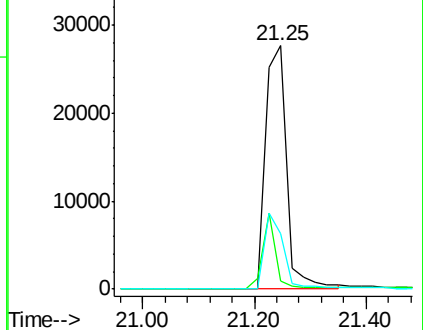
236 22.9 22.6 34.0

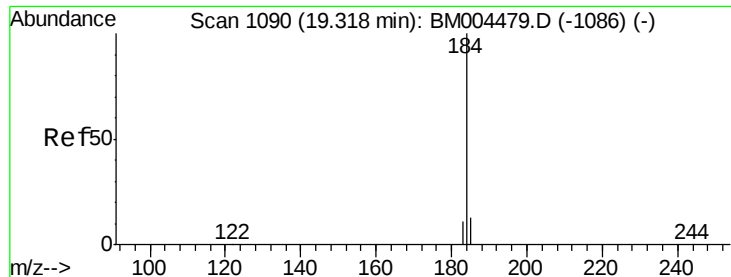


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

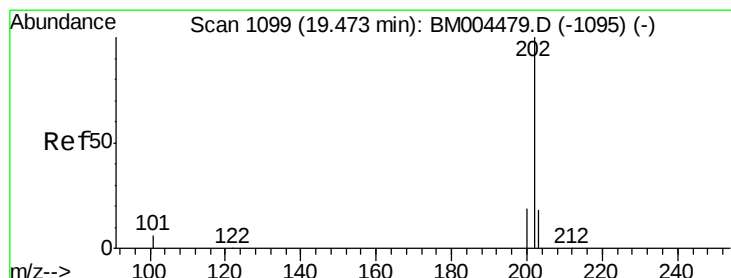
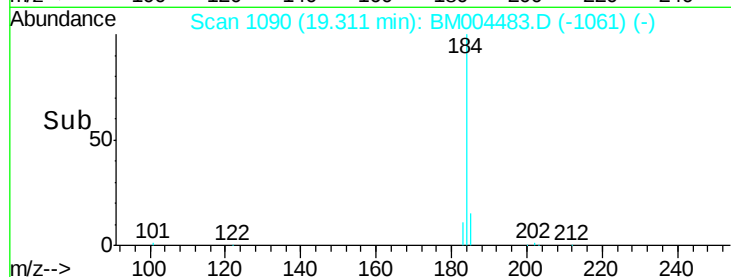
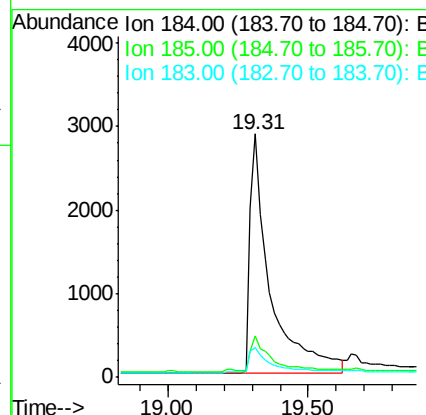
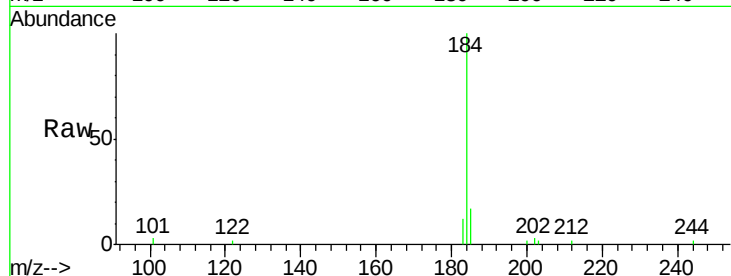




#27
Benzidine
Concen: 1.55 ng
RT: 19.31 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BM004483.D
Acq: 29 Feb 2016 22:24

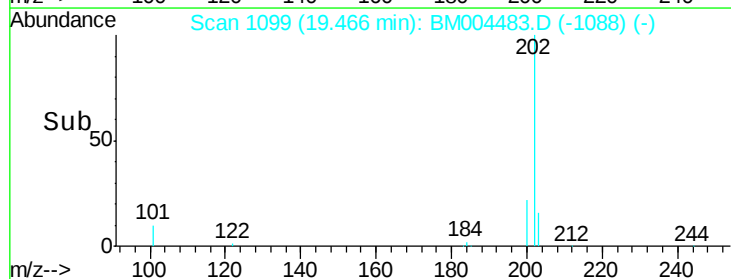
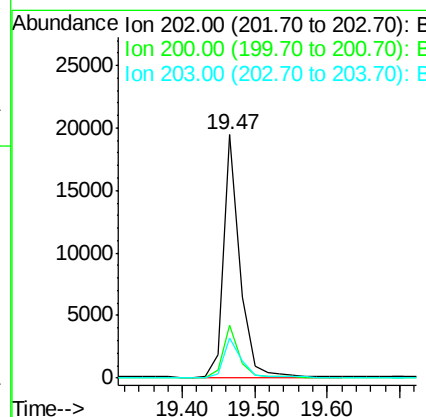
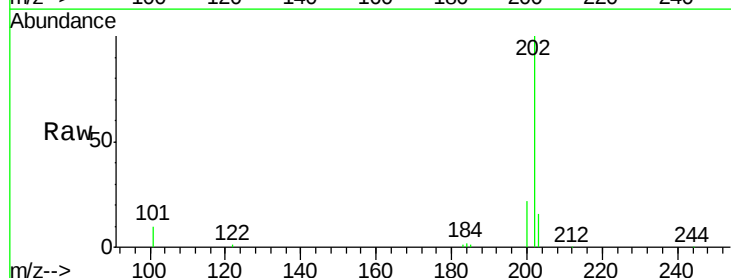
Instrument :
BNA_M
ClientSampleId :
ICVBM022916

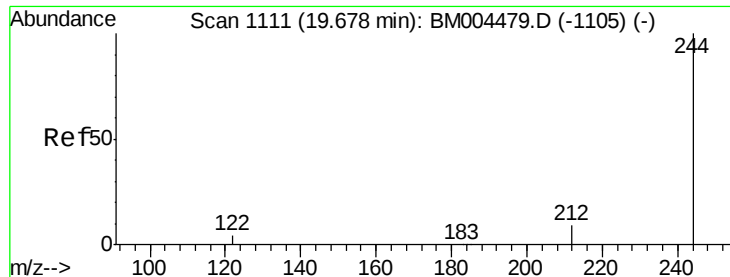
Tgt Ion:184 Resp: 14230
Ion Ratio Lower Upper
184 100
185 16.8 16.6 24.8
183 12.4 12.3 18.5



#28
Pyrene
Concen: 1.07 ng
RT: 19.47 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BM004483.D
Acq: 29 Feb 2016 22:24

Tgt Ion:202 Resp: 30358
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 17.2 14.1 21.1





#29

Terphenyl-d14

Concen: 1.06 ng

RT: 19.67 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

Instrument :

BNA_M

ClientSampleId :

ICVBM022916

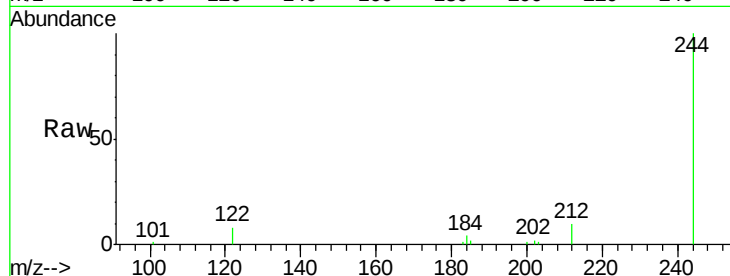
Tgt Ion:244 Resp: 9790

Ion Ratio Lower Upper

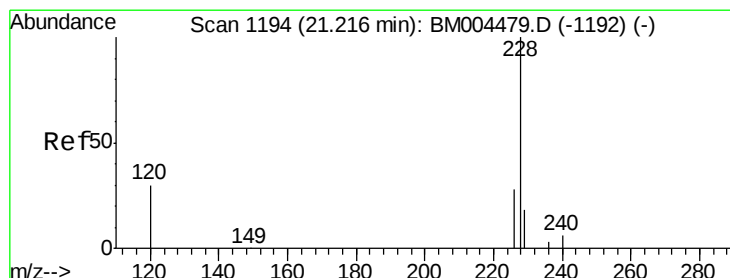
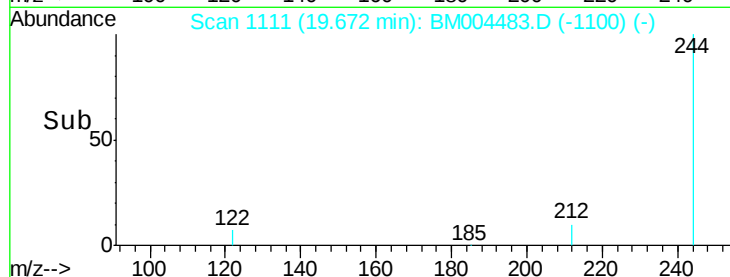
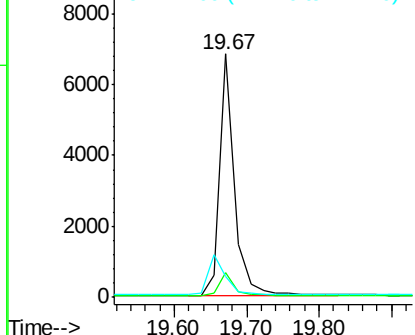
244 100

212 10.3 7.5 11.3

122 8.4 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: 1.16 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.05 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

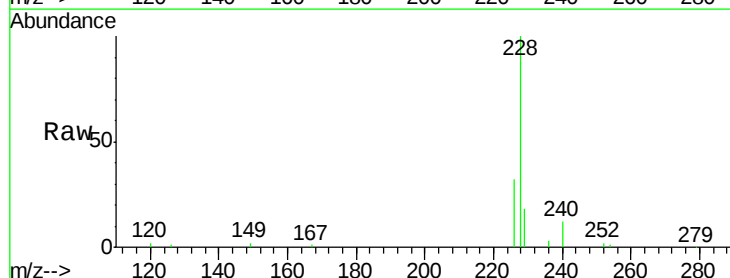
Tgt Ion:228 Resp: 30546

Ion Ratio Lower Upper

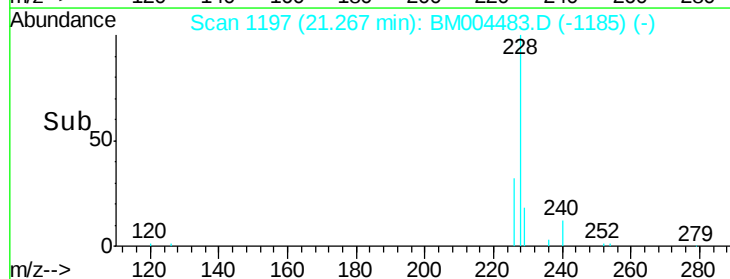
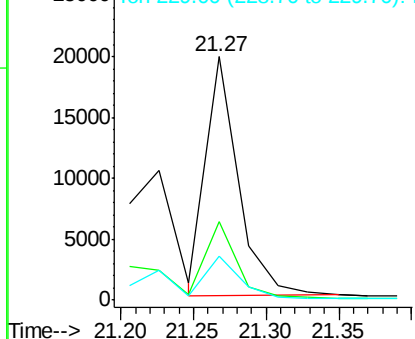
228 100

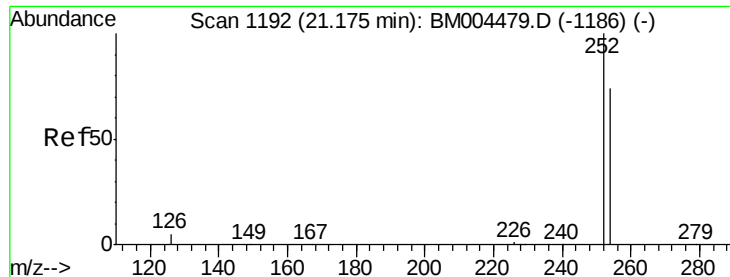
226 32.1 22.8 34.2

229 17.9 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

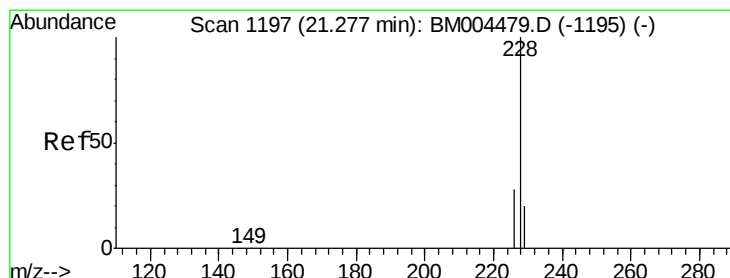
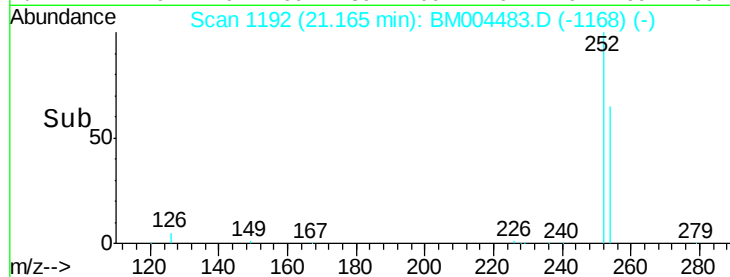
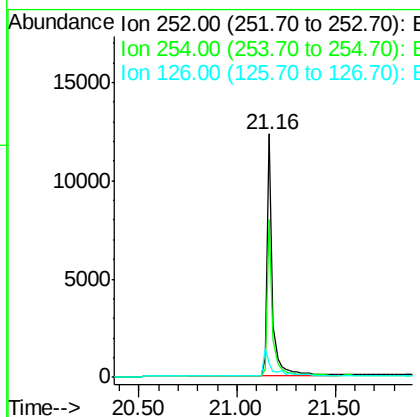
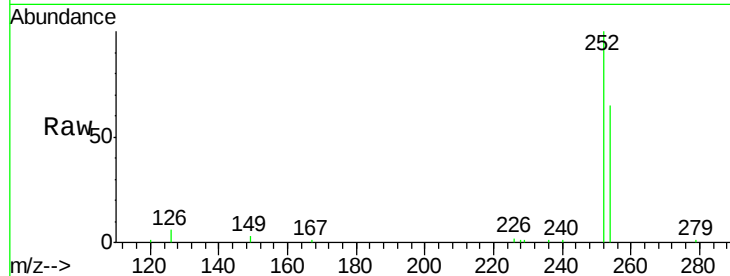




#31
 3,3'-Dichlorobenzidine
 Concen: 1.49 ng
 RT: 21.16 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM004483.D
 Acq: 29 Feb 2016 22:24

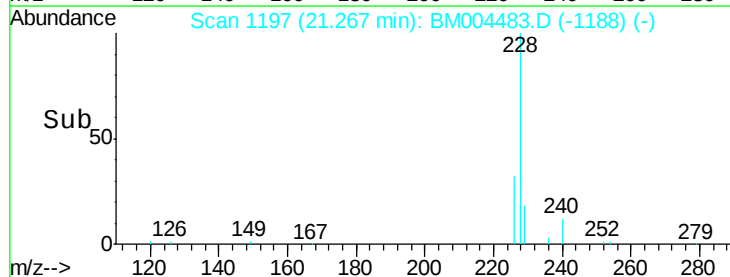
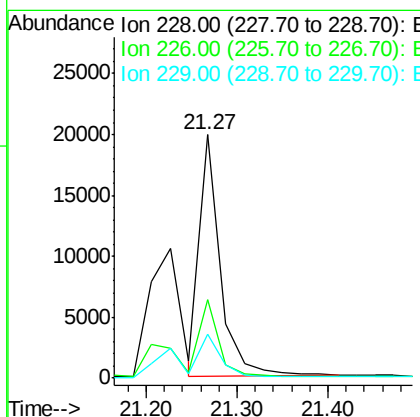
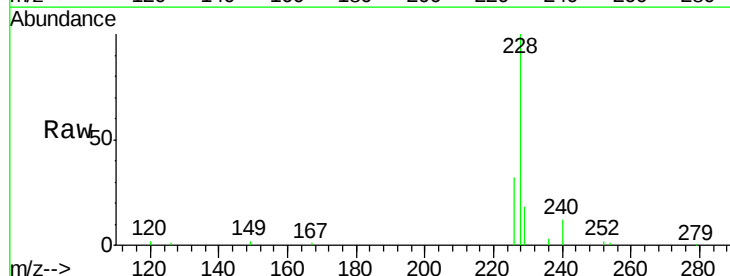
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM022916

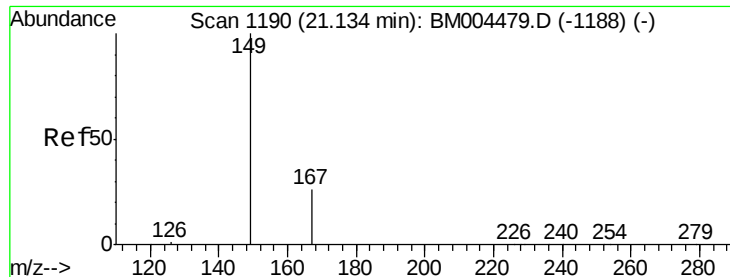
Tgt Ion:252 Resp: 23739
 Ion Ratio Lower Upper
 252 100
 254 64.8 59.4 89.0
 126 6.0 5.5 8.3



#32
 Chrysene
 Concen: 0.93 ng
 RT: 21.27 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BM004483.D
 Acq: 29 Feb 2016 22:24

Tgt Ion:228 Resp: 31924
 Ion Ratio Lower Upper
 228 100
 226 32.1 21.4 32.2
 229 17.9 17.1 25.7





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.82 ng

RT: 21.12 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

Instrument :

BNA_M

ClientSampleId :

ICVBM022916

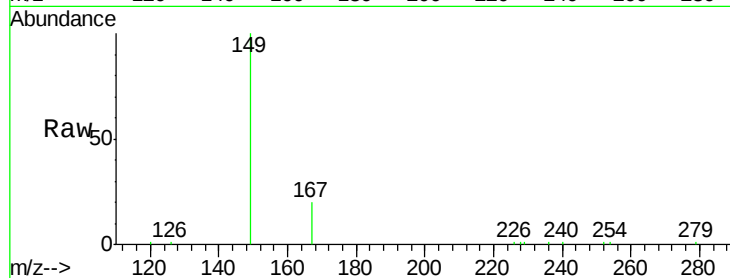
Tgt Ion:149 Resp: 16732

Ion Ratio Lower Upper

149 100

167 0.0 21.2 31.8#

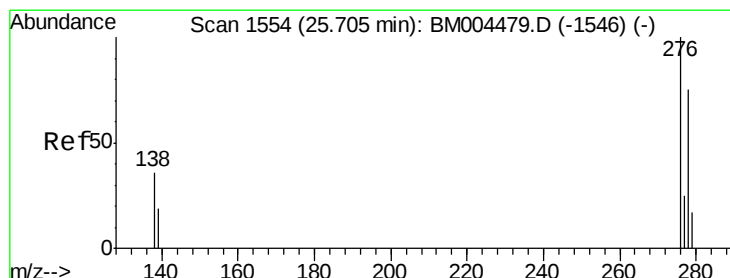
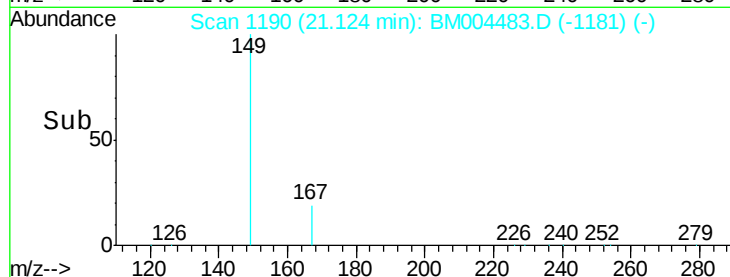
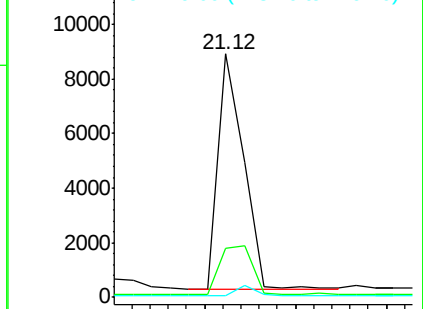
279 0.0 0.0 0.0



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: 1.04 ng

RT: 25.69 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

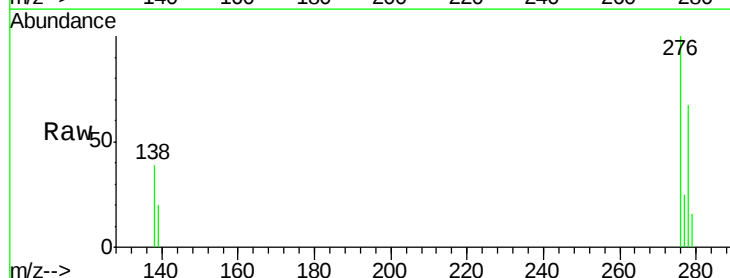
Tgt Ion:276 Resp: 25526

Ion Ratio Lower Upper

276 100

138 38.4 30.4 45.6

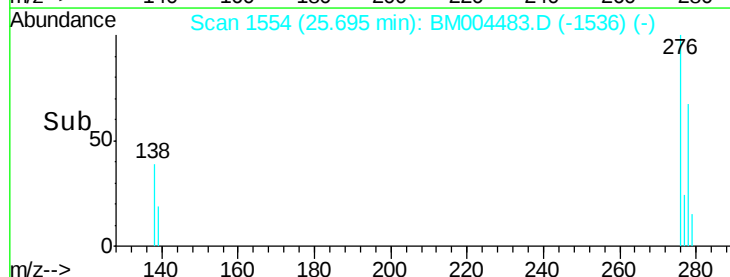
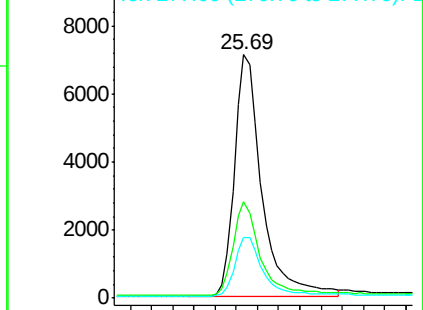
277 24.9 19.8 29.8

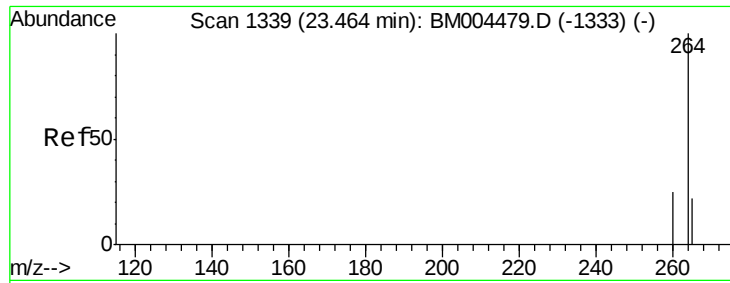


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



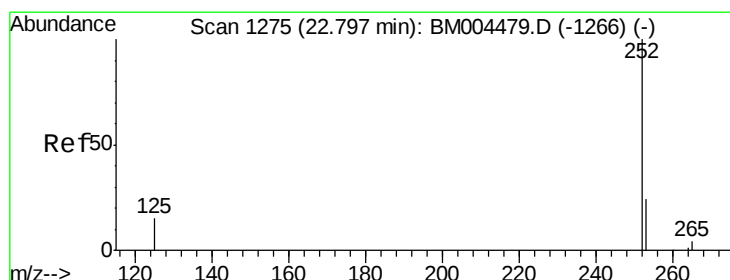
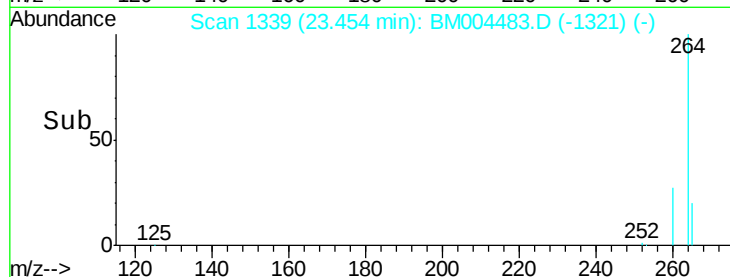
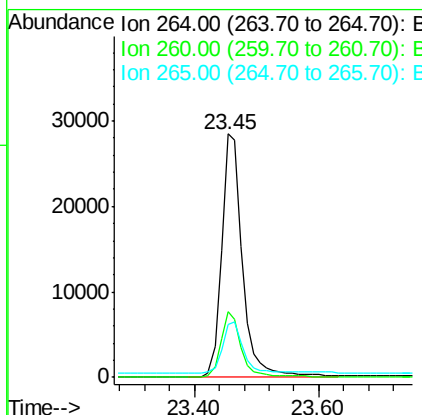
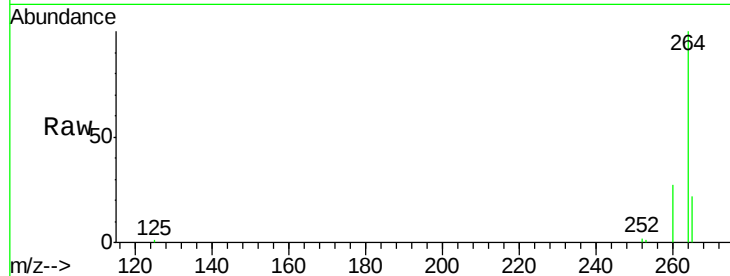


#35
Perylene-d12
Concen: 5.00 ng
RT: 23.45 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BM004483.D
Acq: 29 Feb 2016 22:24

Instrument :
BNA_M
ClientSampleId :
ICVBM022916

Tgt Ion: 264 Resp: 66081

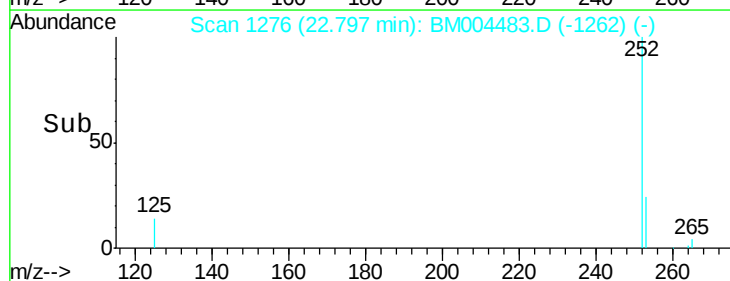
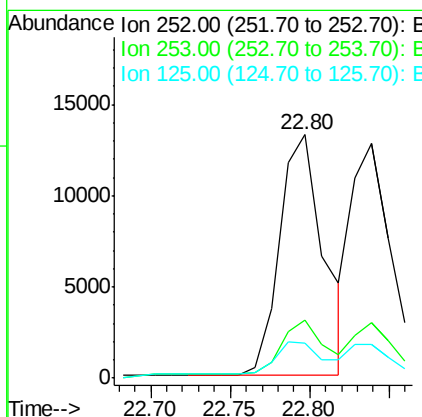
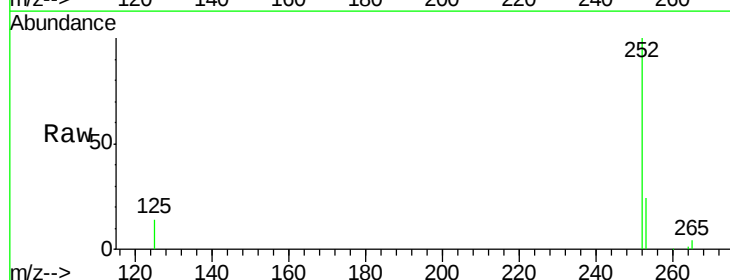
Ion	Ratio	Lower	Upper
264	100		
260	27.0	19.8	29.6
265	21.7	18.9	28.3

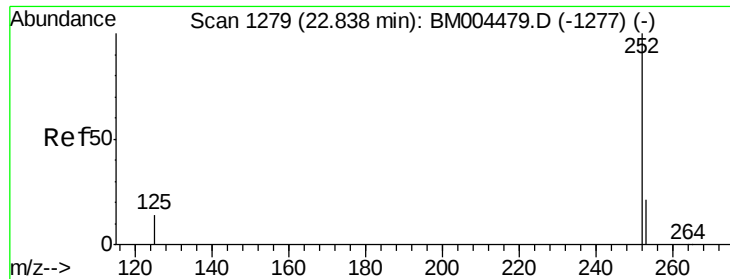


#36
Benzo(b)fluoranthene
Concen: 0.99 ng
RT: 22.80 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BM004483.D
Acq: 29 Feb 2016 22:24

Tgt Ion: 252 Resp: 25406

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.8	28.2
125	14.3	11.8	17.8

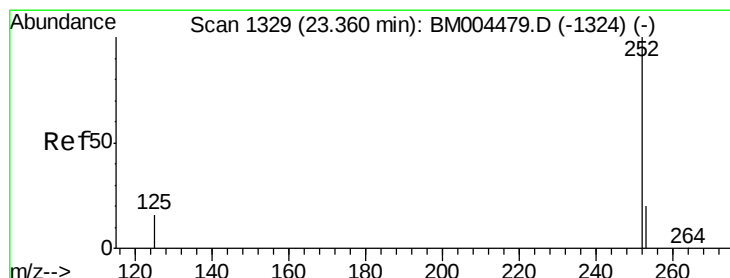
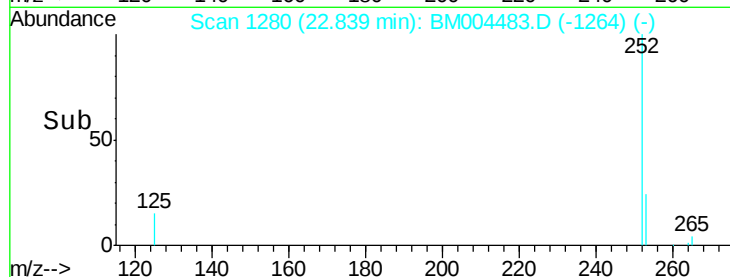
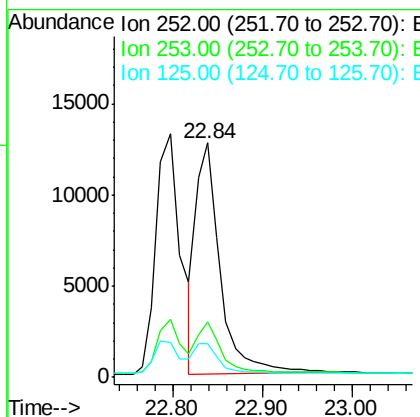
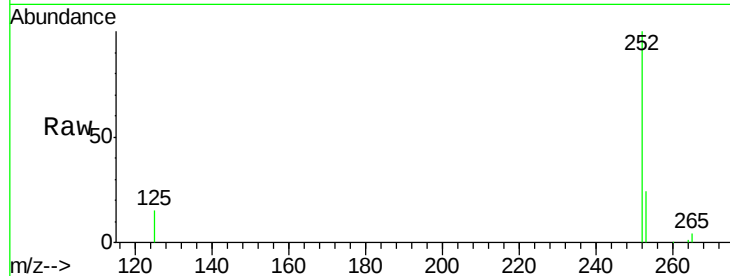




#37
Benzo(k)fluoranthene
Concen: 0.94 ng
RT: 22.84 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BM004483.D
Acq: 29 Feb 2016 22:24

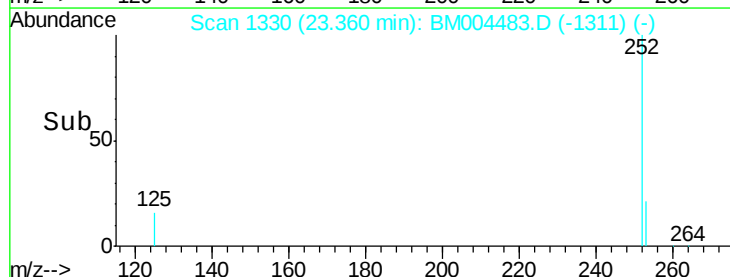
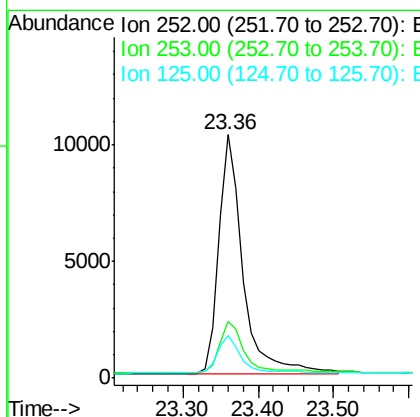
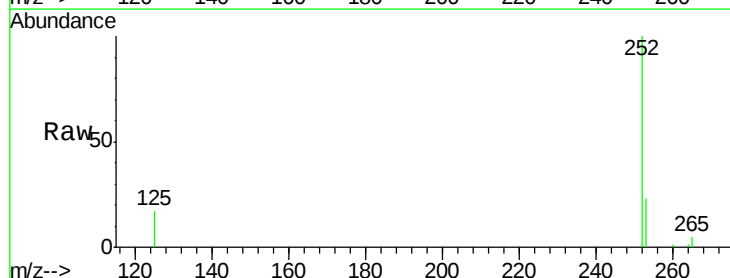
Instrument :
BNA_M
ClientSampleId :
ICVBM022916

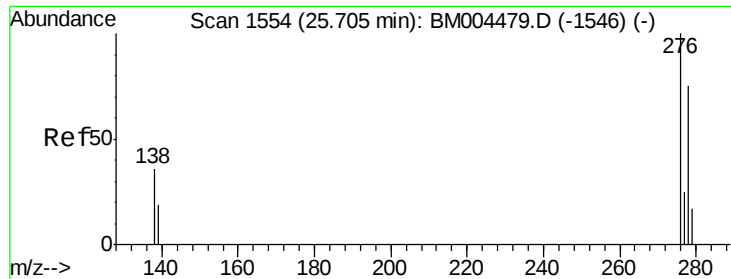
Tgt Ion: 252 Resp: 23769
Ion Ratio Lower Upper
252 100
253 23.8 18.3 27.5
125 14.6 12.2 18.4



#38
Benzo(a)pyrene
Concen: 1.01 ng
RT: 23.36 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BM004483.D
Acq: 29 Feb 2016 22:24

Tgt Ion: 252 Resp: 23413
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 17.3 14.3 21.5





#39

Dibenzo(a,h)anthracene

Concen: 0.98 ng

RT: 25.71 min Scan# 1555

Delta R.T. 0.00 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

Instrument :

BNA_M

ClientSampleId :

ICVBM022916

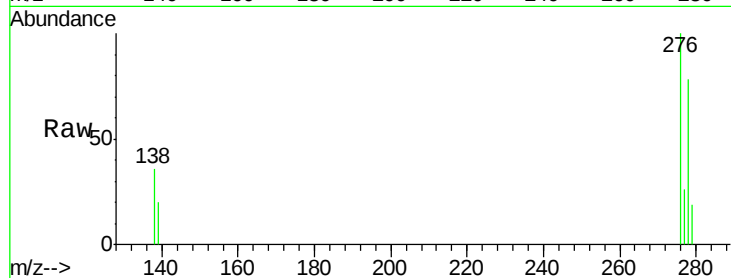
Tgt Ion: 278 Resp: 19783

Ion Ratio Lower Upper

278 100

139 26.2 21.2 31.8

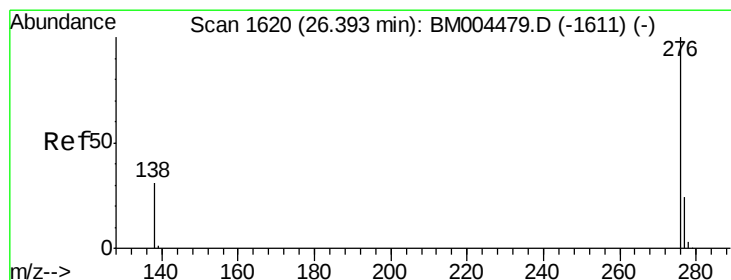
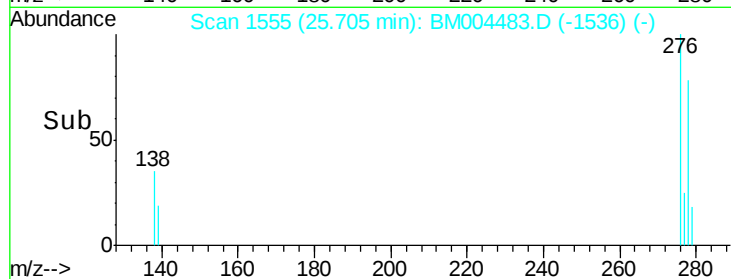
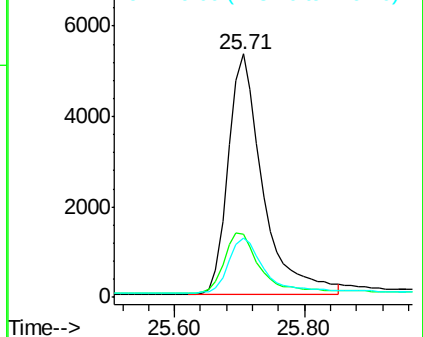
279 24.5 19.6 29.4



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# 1620

Delta R.T. -0.01 min

Lab File: BM004483.D

Acq: 29 Feb 2016 22:24

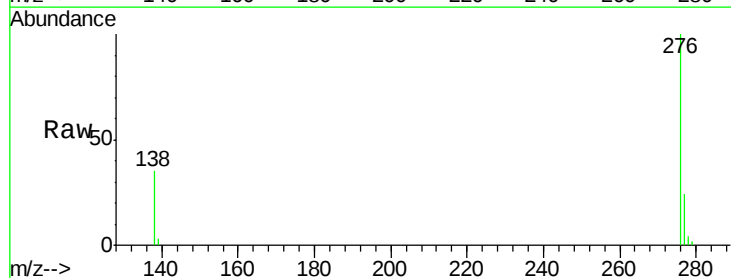
Tgt Ion: 276 Resp: 21925

Ion Ratio Lower Upper

276 100

277 23.9 19.6 29.4

138 34.6 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

