

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022916\
 Data File : BM004492.D
 Acq On : 01 Mar 2016 05:42
 Operator : SJ/UM
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Quant Time: Mar 01 07:34:44 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	17335	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	67529	5.00	ng	0.00
13) Acenaphthene-d10	14.27	164	36180	5.00	ng	0.00
19) Phenanthrene-d10	17.02	188	86387	5.00	ng	0.00
26) Chrysene-d12	21.24	240	80306	5.00	ng	0.00
35) Perylene-d12	23.46	264	68759	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	3535	0.88	ng	0.00
5) Phenol-d6	6.83	99	4161	0.91	ng	0.02
8) Nitrobenzene-d5	8.79	82	3072	0.89	ng	0.00
14) 2,4,6-Tribromophenol	15.80	330	1091	0.78	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	10270	0.93	ng	0.00
29) Terphenyl-d14	19.68	244	8938	0.86	ng	0.00

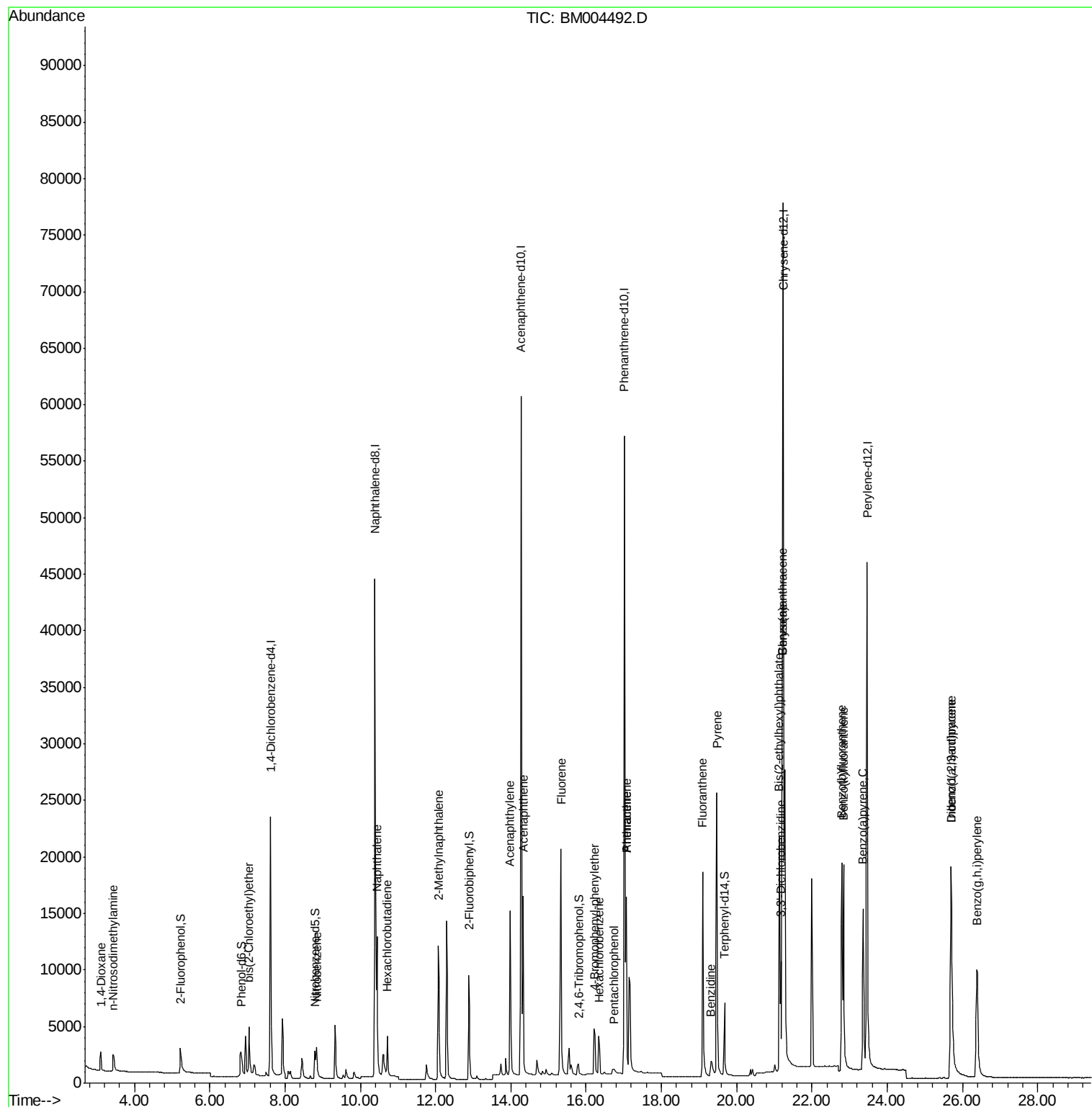
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	1625	0.94	ng	95
3) n-Nitrosodimethylamine	3.43	42	1511	0.86	ng	97
6) bis(2-Chloroethyl)ether	7.04	93	4494	0.93	ng	99
9) Nitrobenzene	8.84	77	4141	0.89	ng	99
10) Naphthalene	10.44	128	18080	0.94	ng	98
11) Hexachlorobutadiene	10.72	225	3022	0.97	ng	100
12) 2-Methylnaphthalene	12.08	142	11337	0.97	ng	97
16) Acenaphthylene	13.98	152	19443	0.94	ng	100
17) Acenaphthene	14.33	154	12039	0.89	ng	99
18) Fluorene	15.33	166	15535	0.94	ng	100
20) 4-Bromophenyl-phenylether	16.23	248	3443	0.80	ng	# 100
21) Hexachlorobenzene	16.35	284	3867	0.78	ng	# 100
22) Pentachlorophenol	16.74	266	856	0.92	ng	97
23) Phenanthrene	17.07	178	22709	0.81	ng	100
24) Anthracene	17.07	178	22707	0.89	ng	98
25) Fluoranthene	19.10	202	27144	0.83	ng	99
27) Benzidine	19.32	184	6158	0.80	ng	98
28) Pyrene	19.47	202	28628	0.90	ng	100
30) Benzo(a)anthracene	21.22	228	31955	1.08	ng	100
31) 3,3'-Dichlorobenzidine	21.17	252	14365	0.86	ng	98
32) Chrysene	21.22	228	31944	0.81	ng	95
33) Bis(2-ethylhexyl)phthalate	21.13	149	21189	0.92	ng	# 99
34) Indeno(1,2,3-cd)pyrene	25.69	276	25656	0.93	ng	99
36) Benzo(b)fluoranthene	22.80	252	24353	0.91	ng	99
37) Benzo(k)fluoranthene	22.84	252	25183	0.95	ng	100
38) Benzo(a)pyrene	23.36	252	23613	0.97	ng	99
39) Dibenzo(a,h)anthracene	25.70	278	20108	0.95	ng	99
40) Benzo(g,h,i)perylene	26.38	276	22361	0.97	ng	97

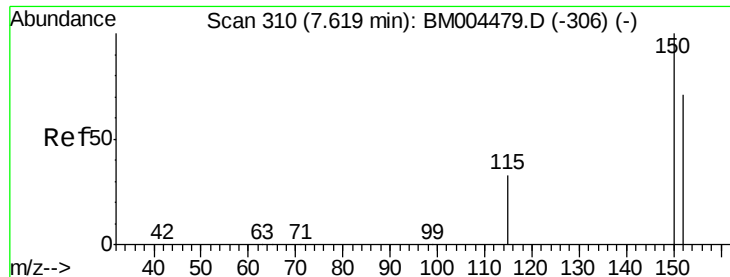
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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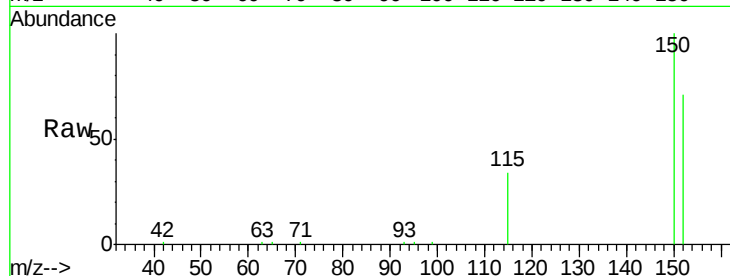


#1

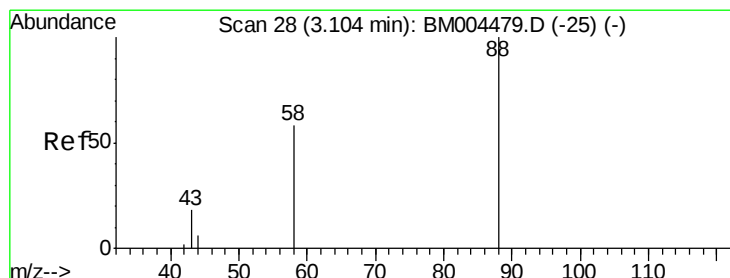
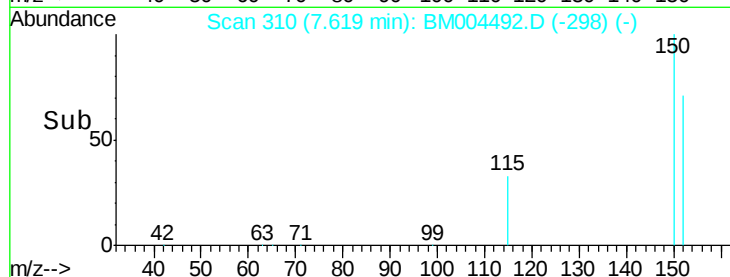
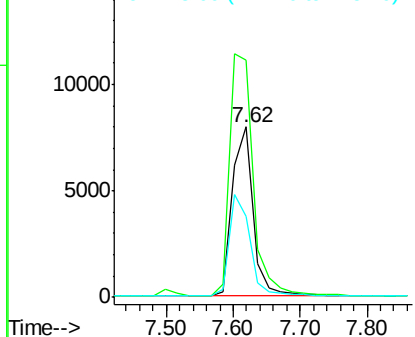
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 310
Delta R.T. -0.00 min
Lab File: BM004492.D
Acq: 01 Mar 2016 05:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 152 Resp: 17335
Ion Ratio Lower Upper
152 100
150 139.9 111.9 167.9
115 47.3 37.7 56.5



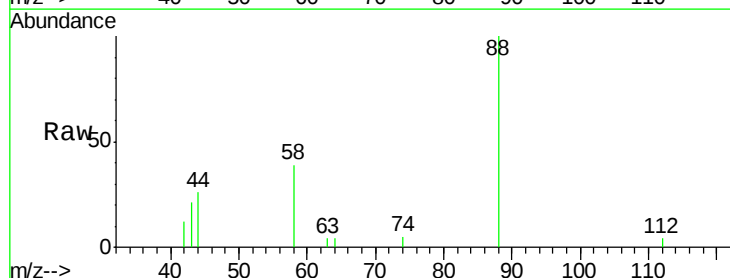
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



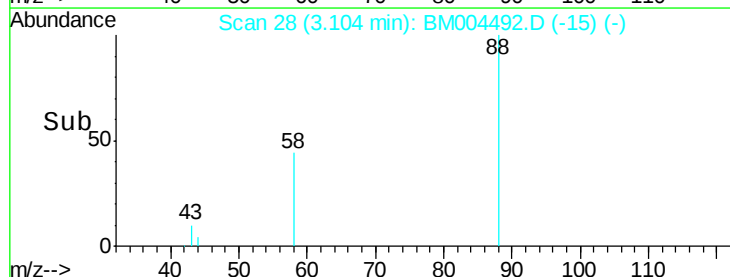
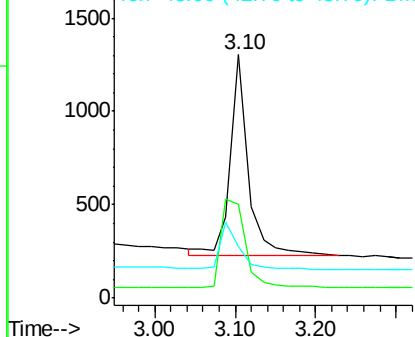
#2

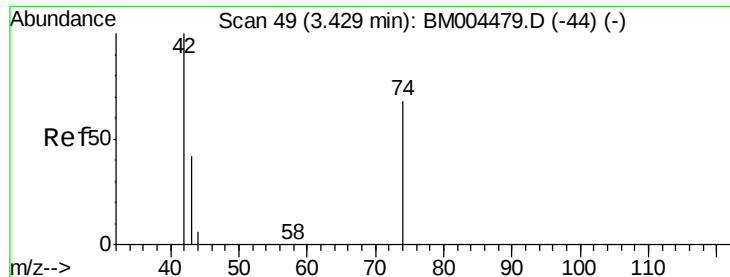
1,4-Dioxane
Concen: 0.94 ng
RT: 3.10 min Scan# 28
Delta R.T. 0.00 min
Lab File: BM004492.D
Acq: 01 Mar 2016 05:42

Tgt Ion: 88 Resp: 1625
Ion Ratio Lower Upper
88 100
58 60.4 45.4 68.0
43 25.8 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: 0.86 ng

RT: 3.43 min Scan# 49

Delta R.T. -0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

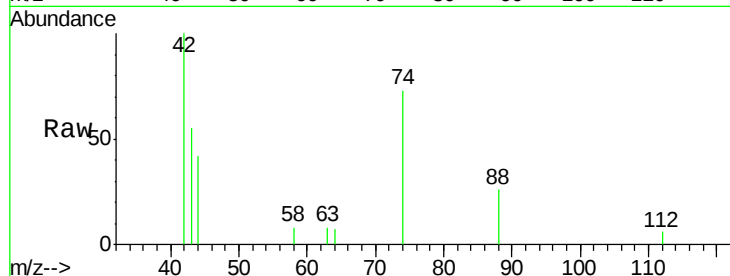
Tgt Ion: 42 Resp: 1511

Ion Ratio Lower Upper

42 100

74 150.9 117.8 176.8

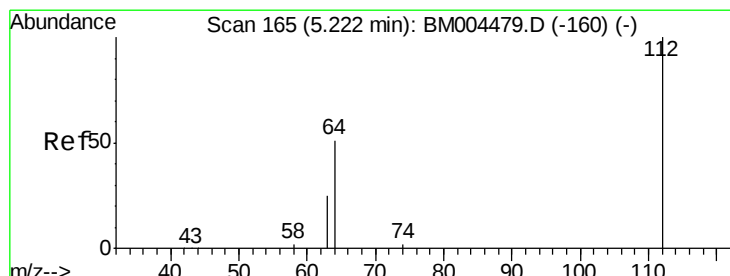
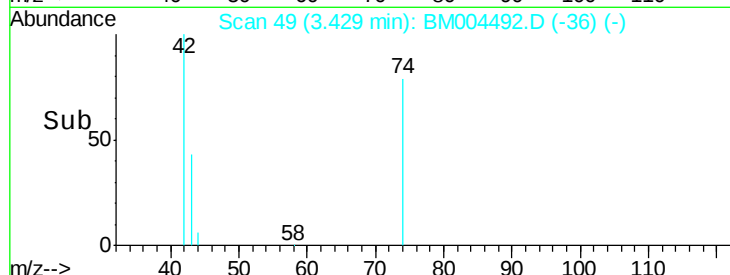
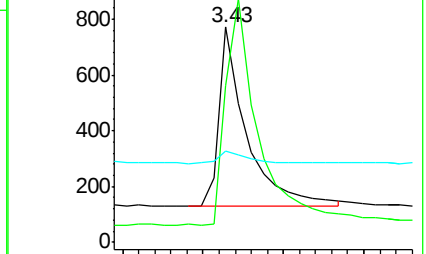
44 8.0 6.1 9.1



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: 0.88 ng

RT: 5.22 min Scan# 165

Delta R.T. -0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

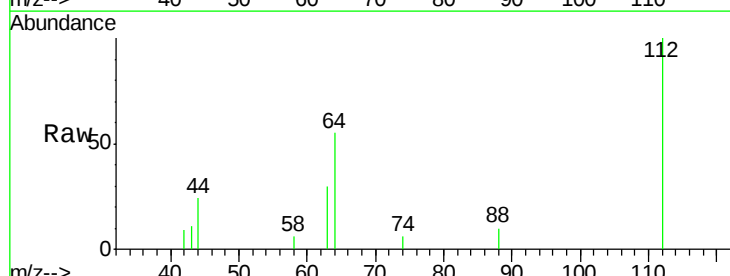
Tgt Ion: 112 Resp: 3535

Ion Ratio Lower Upper

112 100

64 48.9 39.6 59.4

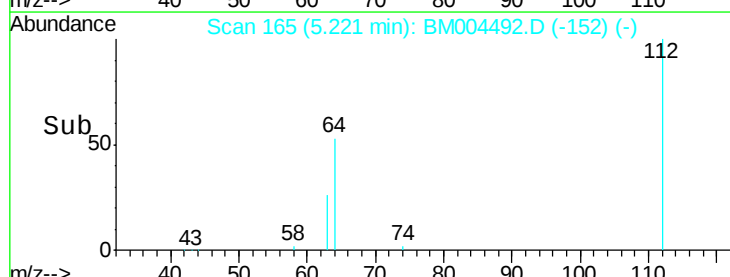
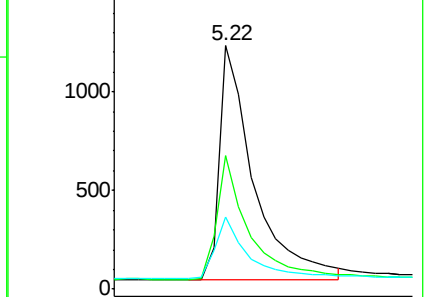
63 25.0 20.0 30.0

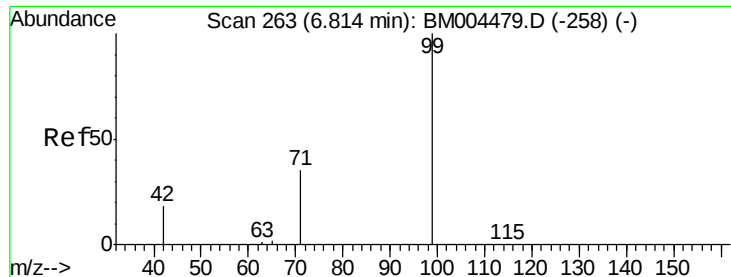


Abundance Ion 112.00 (111.70 to 112.70): BM004479.D (-160) (-)

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: 0.91 ng

RT: 6.83 min Scan# 264

Delta R.T. 0.02 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

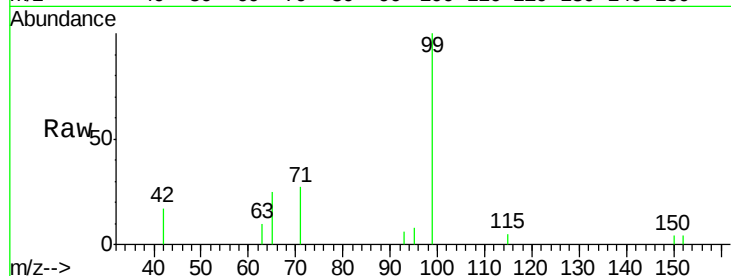
Tgt Ion: 99 Resp: 4161

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

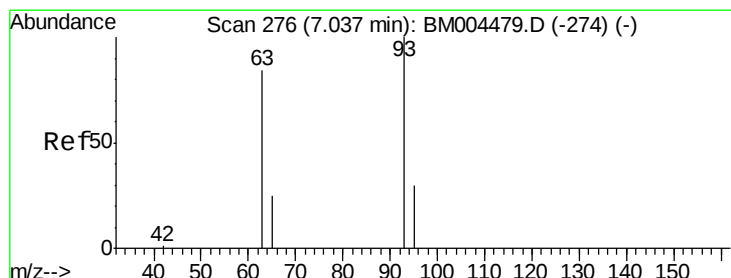
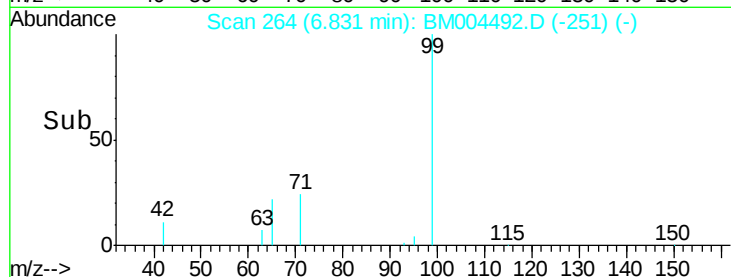
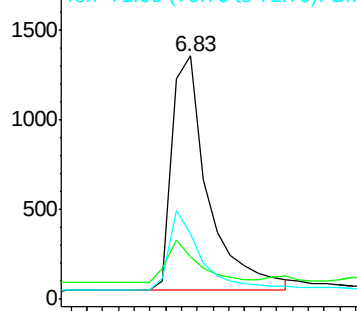
71 29.6 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM004492.D (-258) (-)

Ion 42.00 (41.70 to 42.70): BM004492.D (-258) (-)

Ion 71.00 (70.70 to 71.70): BM004492.D (-258) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.93 ng

RT: 7.04 min Scan# 276

Delta R.T. -0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

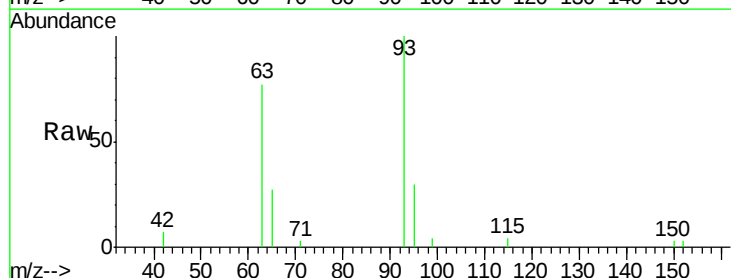
Tgt Ion: 93 Resp: 4494

Ion Ratio Lower Upper

93 100

63 65.6 51.7 77.5

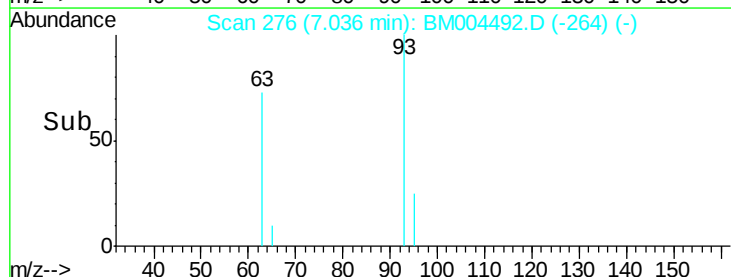
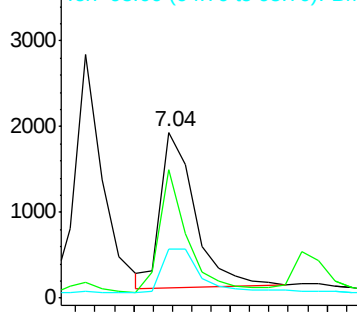
95 32.2 25.4 38.2

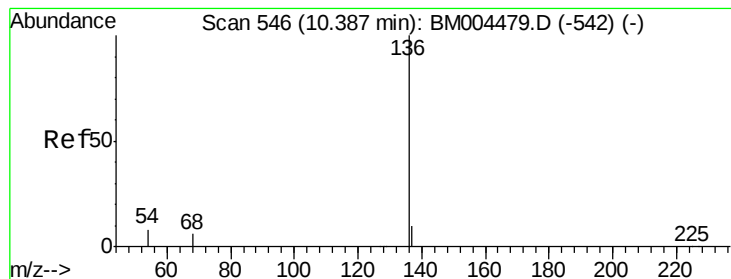


Abundance Ion 93.00 (92.70 to 93.70): BM004492.D (-274) (-)

Ion 63.00 (62.70 to 63.70): BM004492.D (-274) (-)

Ion 95.00 (94.70 to 95.70): BM004492.D (-274) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. 0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

Tgt Ion:136 Resp: 67529

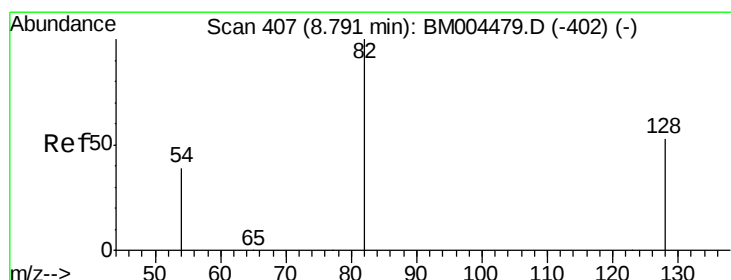
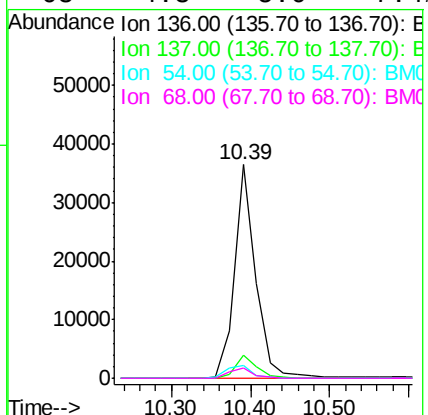
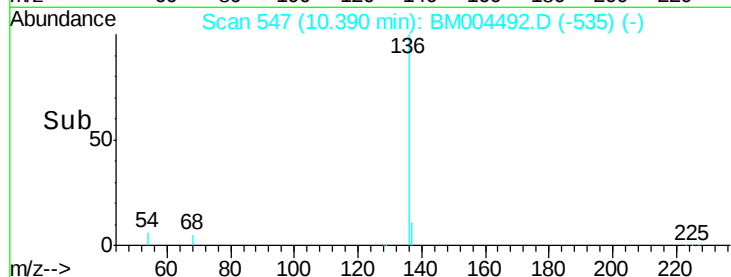
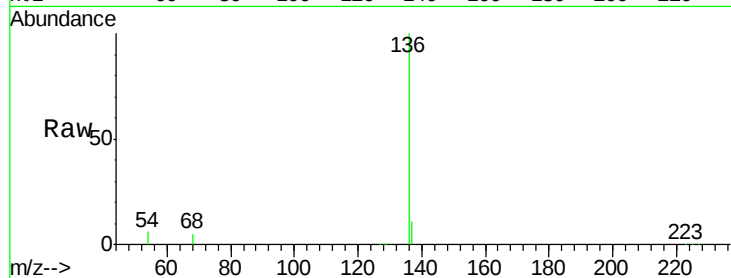
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.2

54 5.9 6.4 9.6#

68 4.8 5.0 7.4#



#8

Nitrobenzene-d5

Concen: 0.89 ng

RT: 8.79 min Scan# 408

Delta R.T. 0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

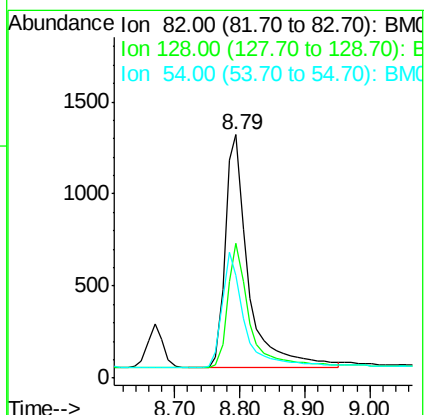
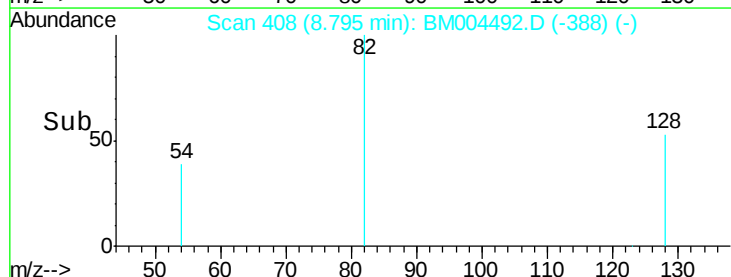
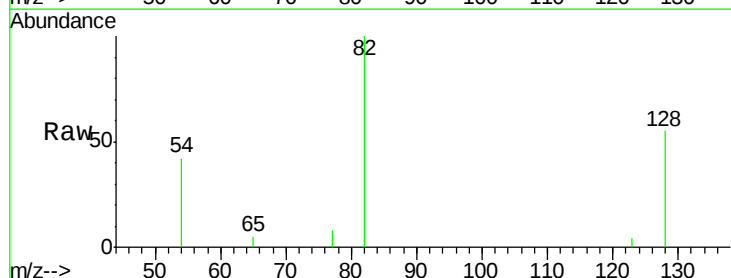
Tgt Ion: 82 Resp: 3072

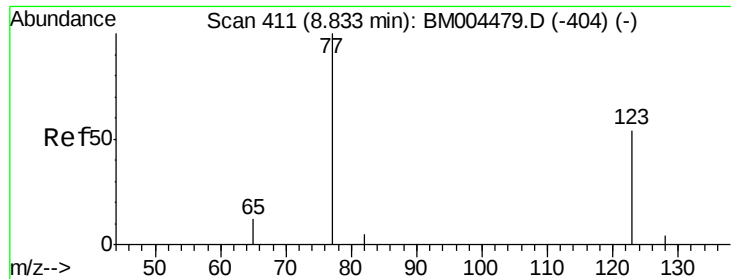
Ion Ratio Lower Upper

82 100

128 55.1 43.7 65.5

54 42.0 33.5 50.3





#9

Nitrobenzene

Concen: 0.89 ng

RT: 8.84 min Scan# 412

Delta R.T. 0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

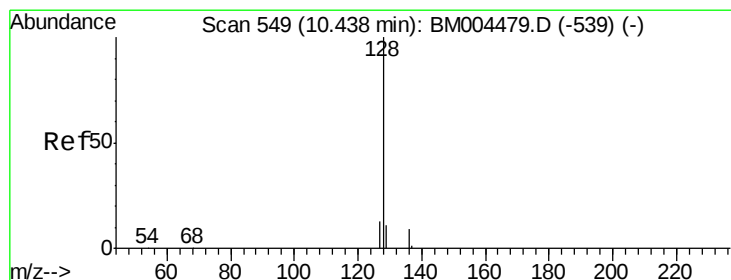
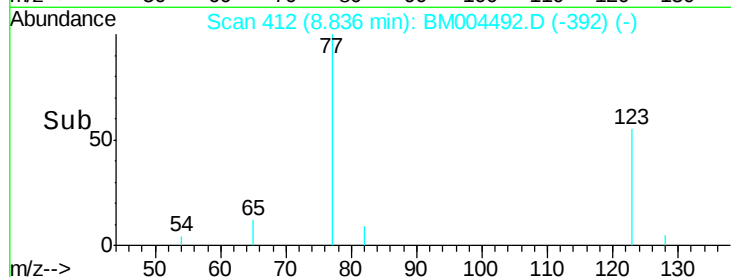
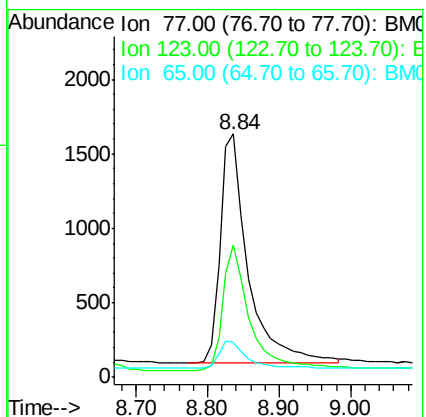
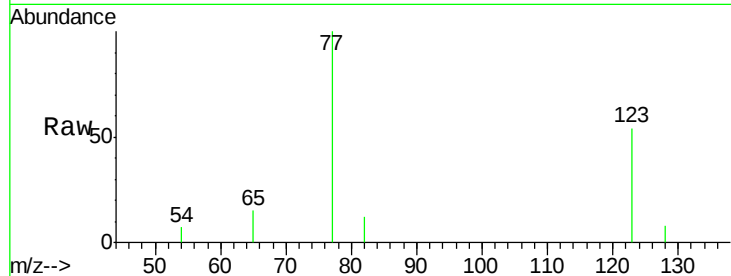
Tgt Ion: 77 Resp: 4141

Ion Ratio Lower Upper

77 100

123 53.5 42.2 63.2

65 12.1 10.0 15.0



#10

Naphthalene

Concen: 0.94 ng

RT: 10.44 min Scan# 550

Delta R.T. 0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

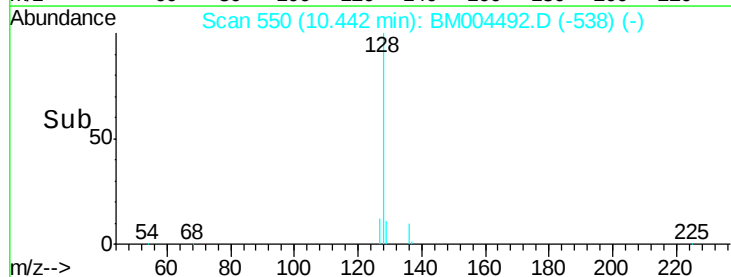
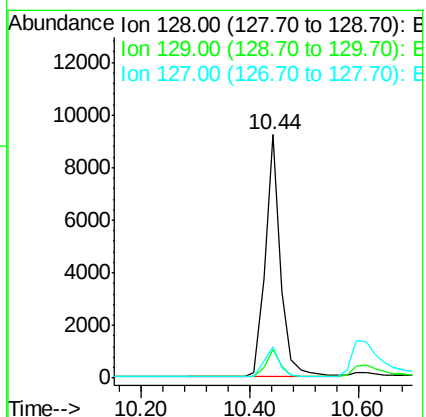
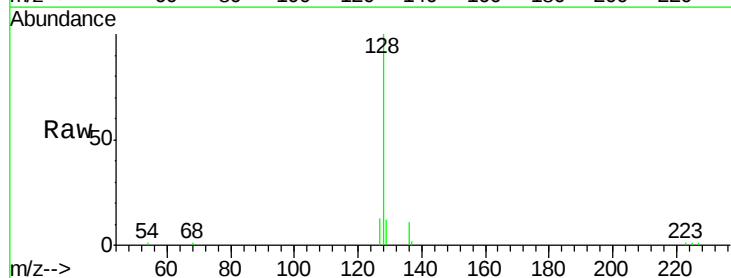
Tgt Ion: 128 Resp: 18080

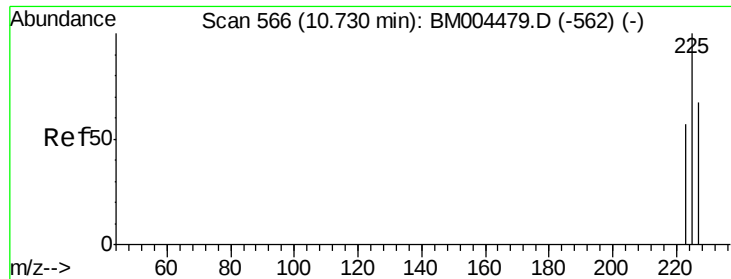
Ion Ratio Lower Upper

128 100

129 11.6 8.9 13.3

127 12.9 10.9 16.3

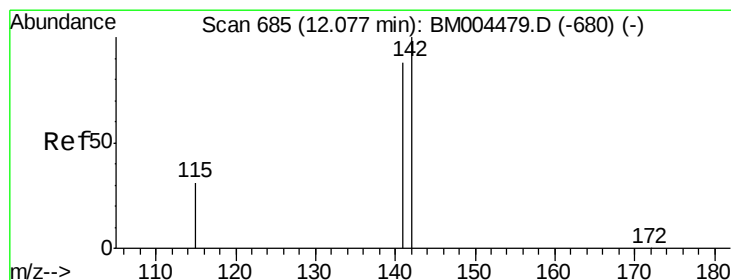
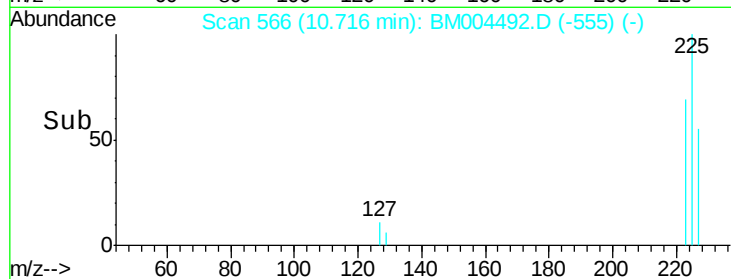
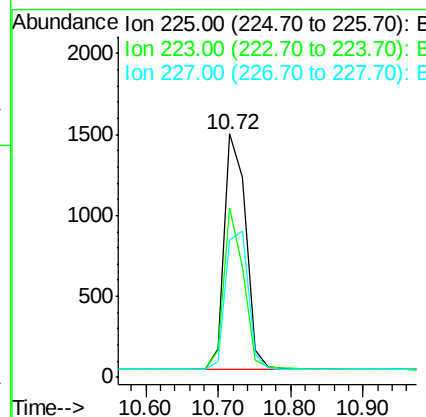
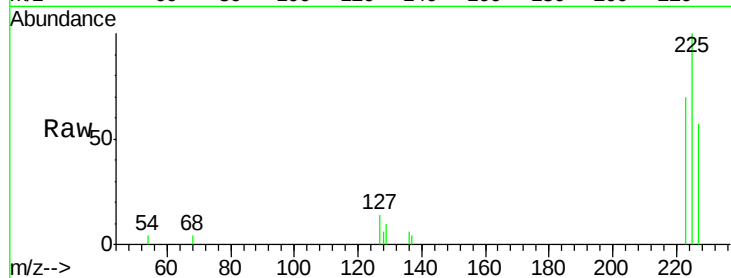




#11
Hexachlorobutadiene
Concen: 0.97 ng
RT: 10.72 min Scan# 566
Delta R.T. -0.01 min
Lab File: BM004492.D
Acq: 01 Mar 2016 05:42

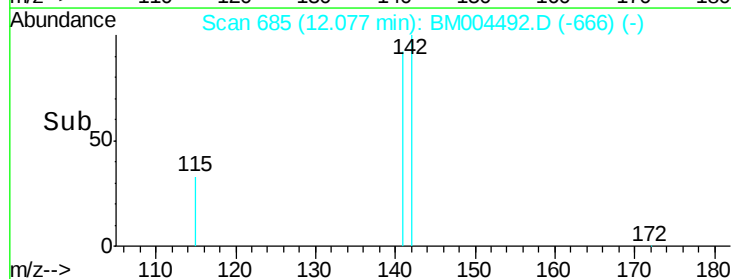
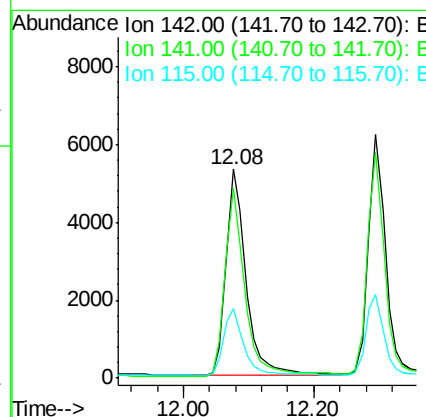
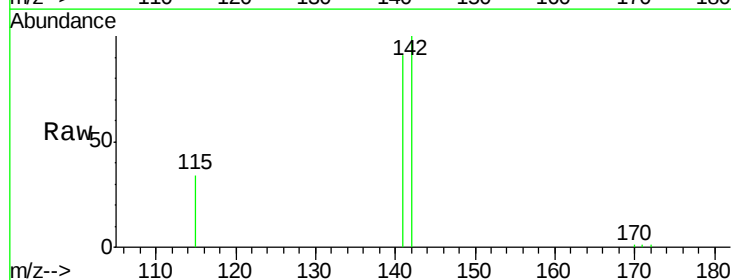
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

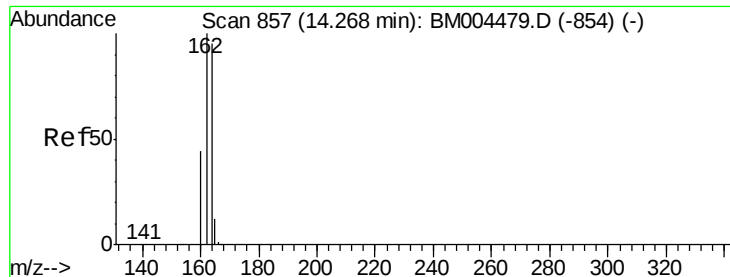
Tgt Ion: 225 Resp: 3022
Ion Ratio Lower Upper
225 100
223 62.4 50.3 75.5
227 63.1 50.6 75.8



#12
2-Methylnaphthalene
Concen: 0.97 ng
RT: 12.08 min Scan# 685
Delta R.T. -0.00 min
Lab File: BM004492.D
Acq: 01 Mar 2016 05:42

Tgt Ion: 142 Resp: 11337
Ion Ratio Lower Upper
142 100
141 90.9 70.2 105.2
115 33.6 25.8 38.6





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.27 min Scan# 857

Delta R.T. -0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

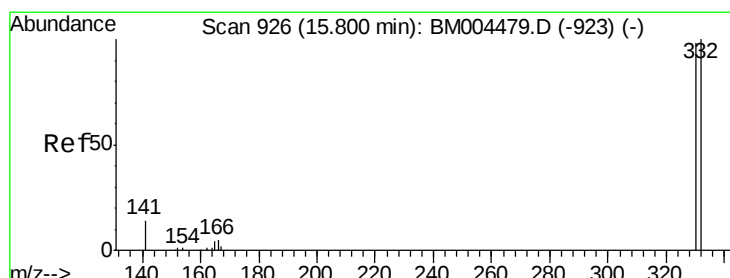
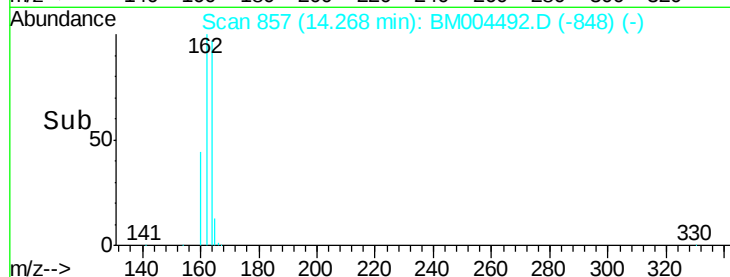
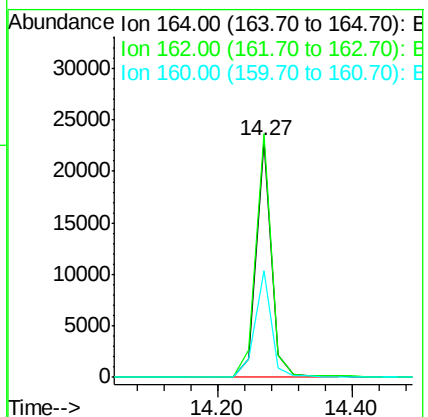
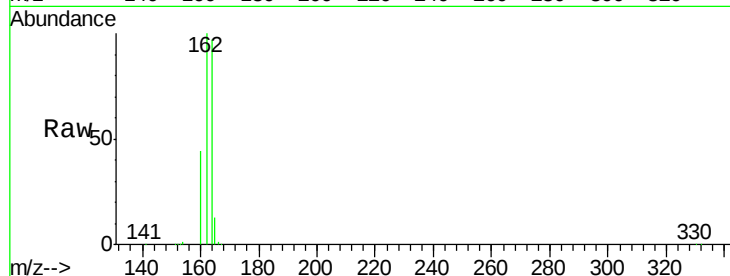
Tgt Ion:164 Resp: 36180

Ion Ratio Lower Upper

164 100

162 103.1 84.2 126.4

160 45.0 37.4 56.2



#14

2,4,6-Tribromophenol

Concen: 0.78 ng

RT: 15.80 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

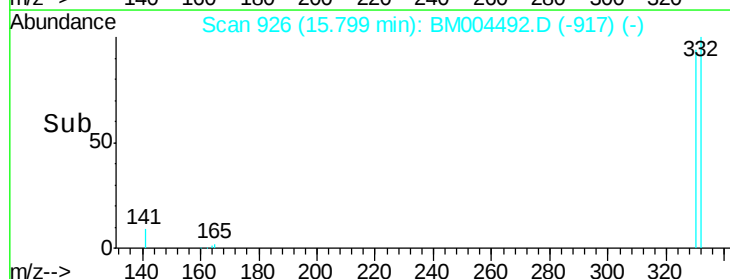
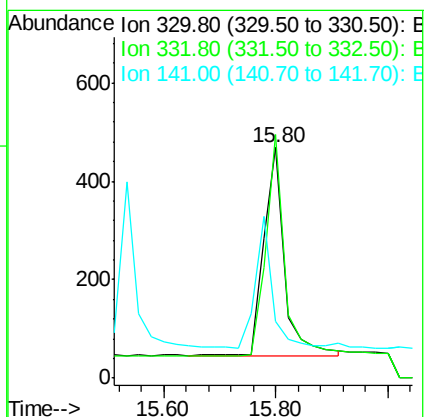
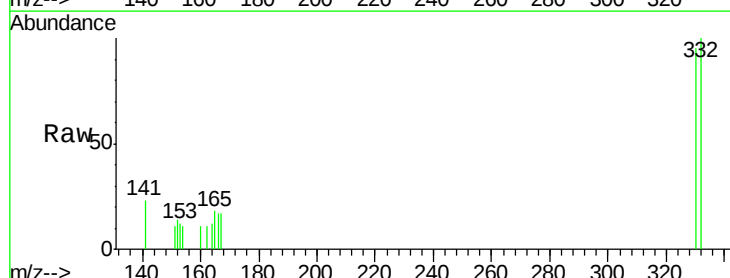
Tgt Ion:330 Resp: 1091

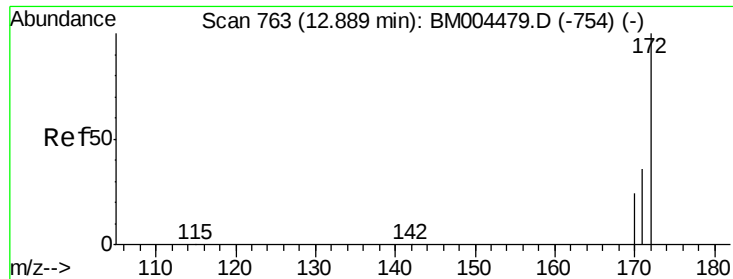
Ion Ratio Lower Upper

330 100

332 96.0 76.1 114.1

141 0.0 0.0 0.0

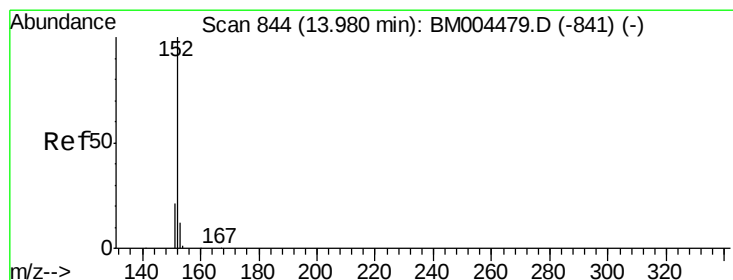
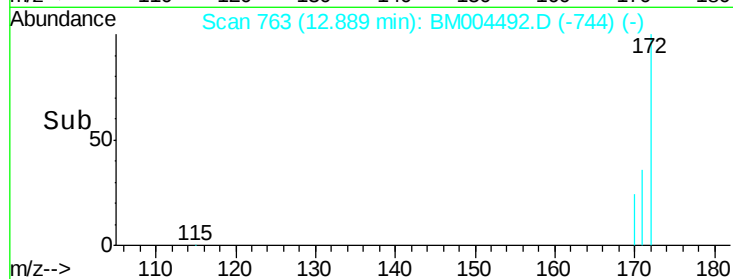
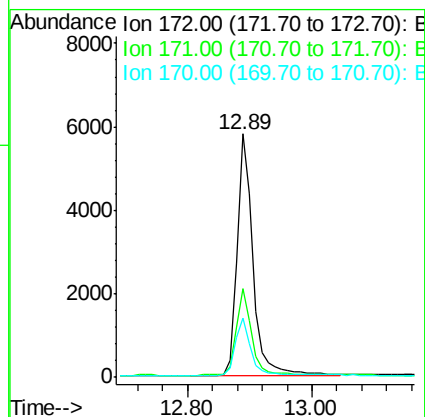
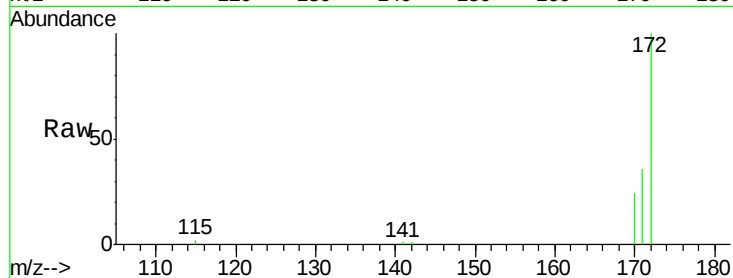




#15
2-Fluorobiphenyl
Concen: 0.93 ng
RT: 12.89 min Scan# 763
Delta R.T. -0.00 min
Lab File: BM004492.D
Acq: 01 Mar 2016 05:42

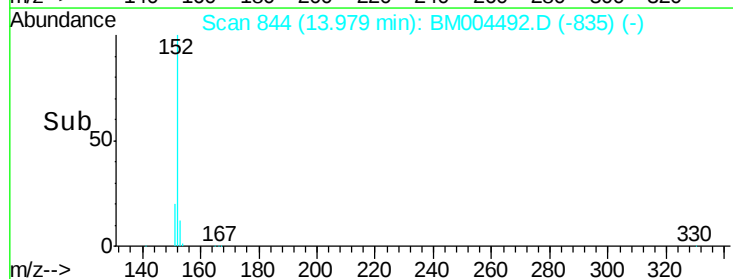
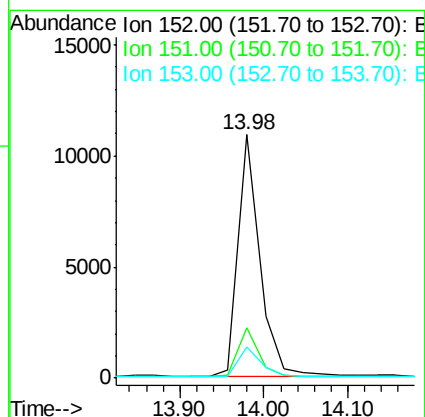
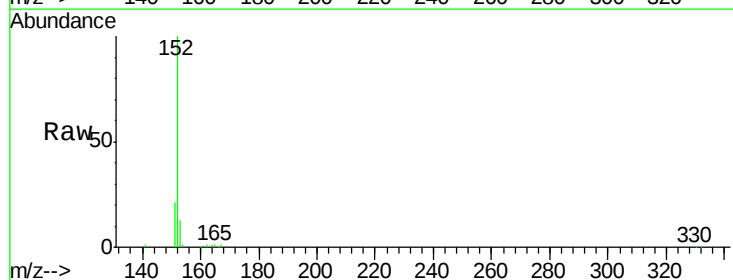
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

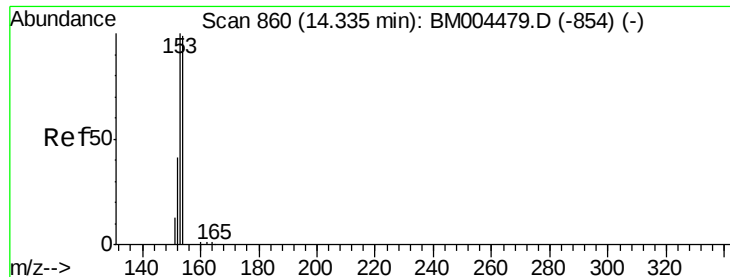
Tgt Ion:172 Resp: 10270
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 24.3 19.7 29.5



#16
Acenaphthylene
Concen: 0.94 ng
RT: 13.98 min Scan# 844
Delta R.T. -0.00 min
Lab File: BM004492.D
Acq: 01 Mar 2016 05:42

Tgt Ion:152 Resp: 19443
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 12.8 10.2 15.4





#17

Acenaphthene

Concen: 0.89 ng

RT: 14.33 min Scan# 860

Delta R.T. -0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

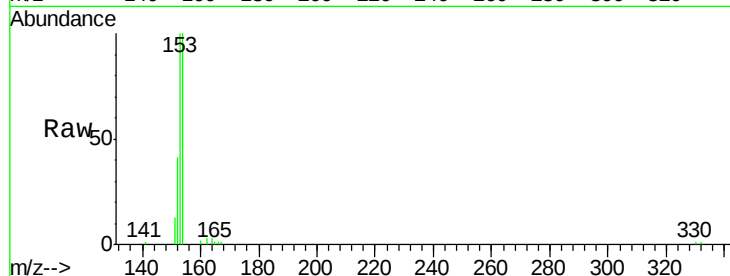
Tgt Ion:154 Resp: 12039

Ion Ratio Lower Upper

154 100

153 110.8 88.0 132.0

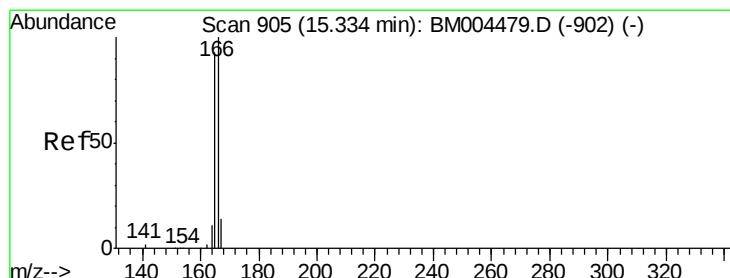
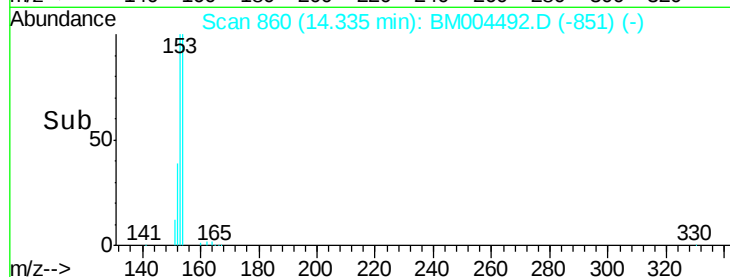
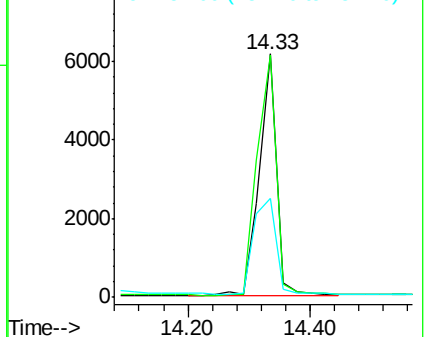
152 51.6 41.1 61.7



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: 0.94 ng

RT: 15.33 min Scan# 905

Delta R.T. -0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

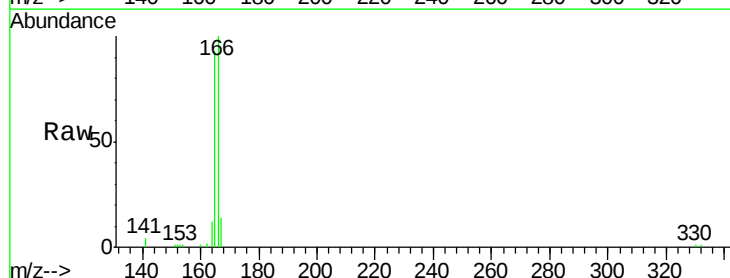
Tgt Ion:166 Resp: 15535

Ion Ratio Lower Upper

166 100

165 96.3 77.2 115.8

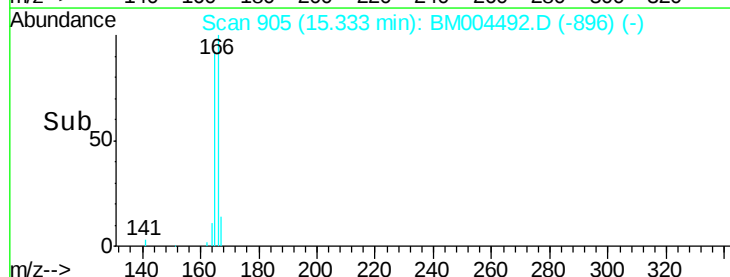
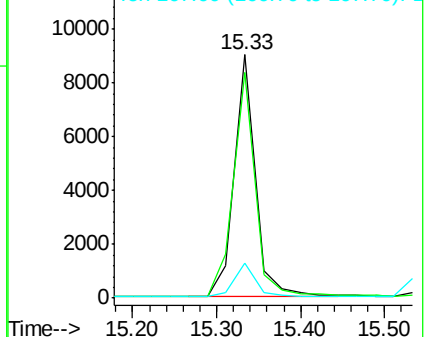
167 13.5 10.9 16.3

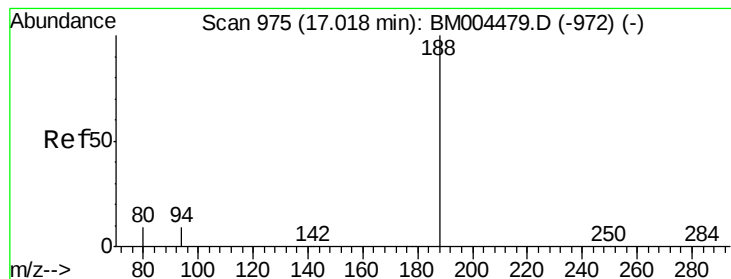


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.02 min Scan# 975

Delta R.T. -0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

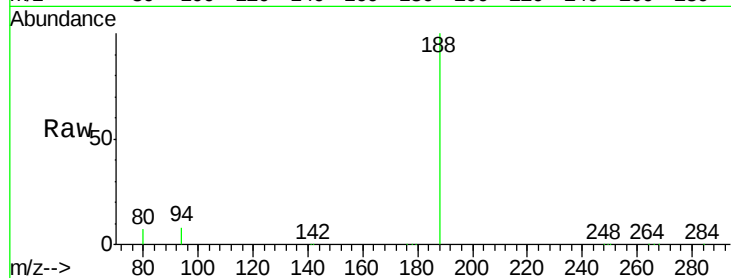
Tgt Ion:188 Resp: 86387

Ion Ratio Lower Upper

188 100

94 8.0 7.4 11.0

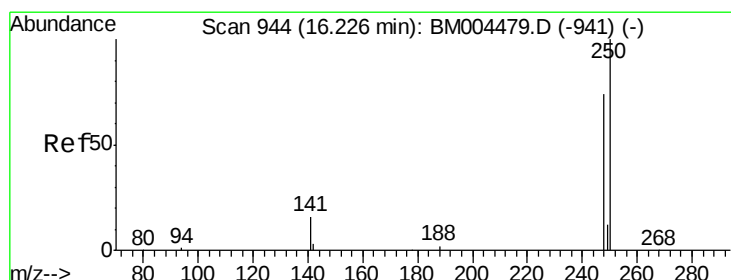
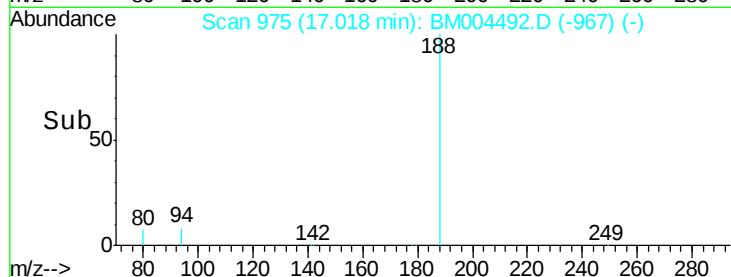
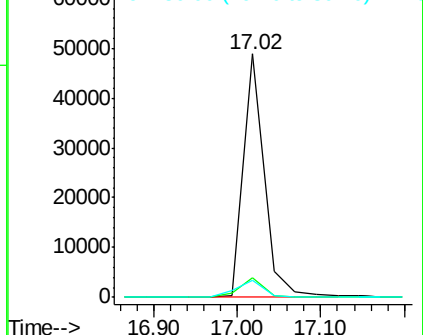
80 7.3 6.9 10.3



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: 0.80 ng

RT: 16.23 min Scan# 944

Delta R.T. -0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

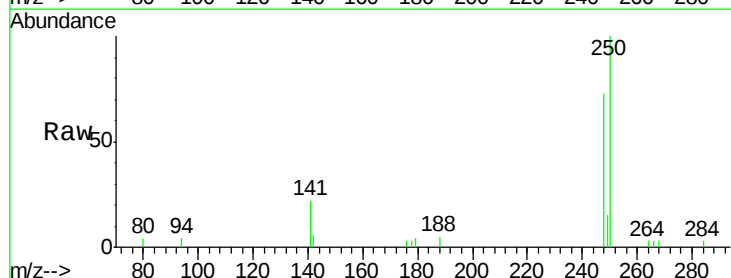
Tgt Ion:248 Resp: 3443

Ion Ratio Lower Upper

248 100

250 102.2 81.5 122.3

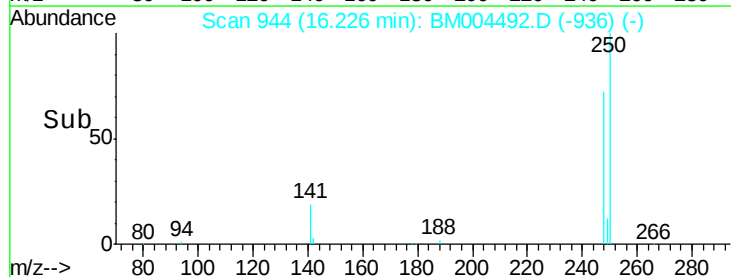
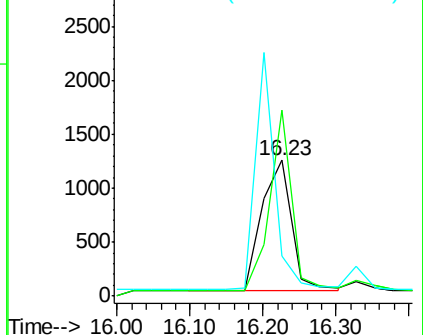
141 0.0 0.0 0.0

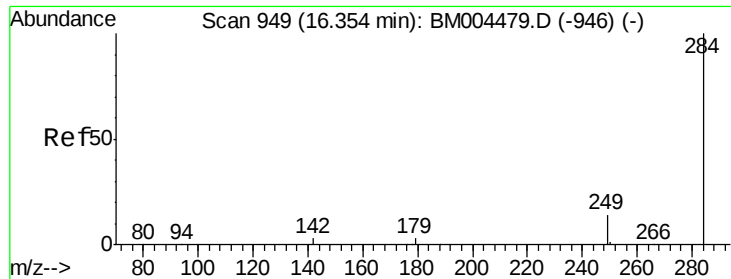


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

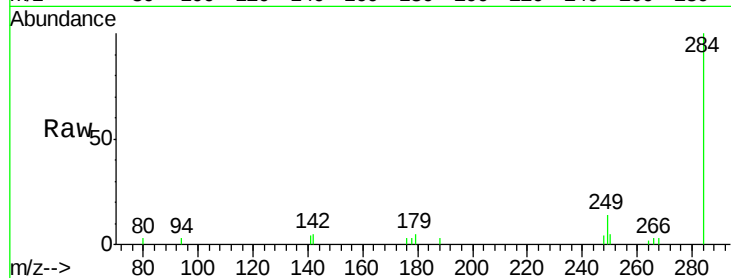




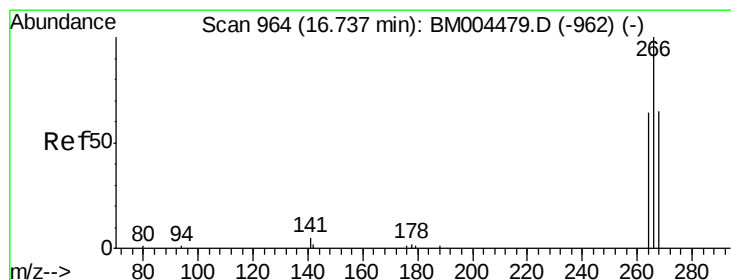
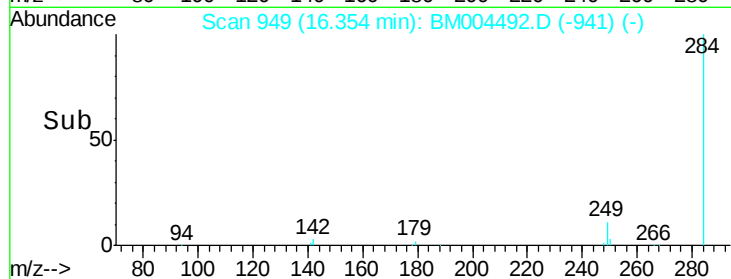
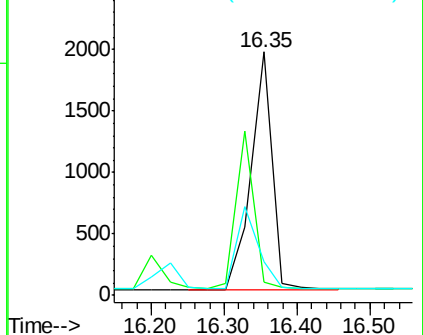
#21
Hexachlorobenzene
Concen: 0.78 ng
RT: 16.35 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM004492.D
Acq: 01 Mar 2016 05:42

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 284 Resp: 3867
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

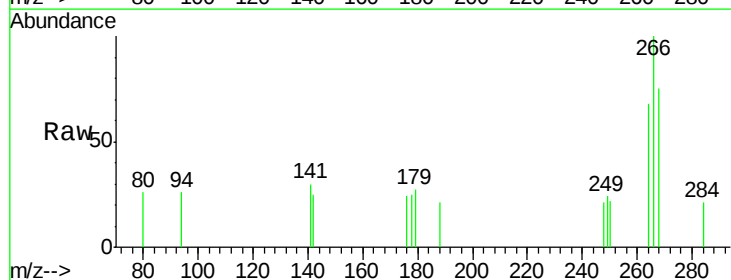


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

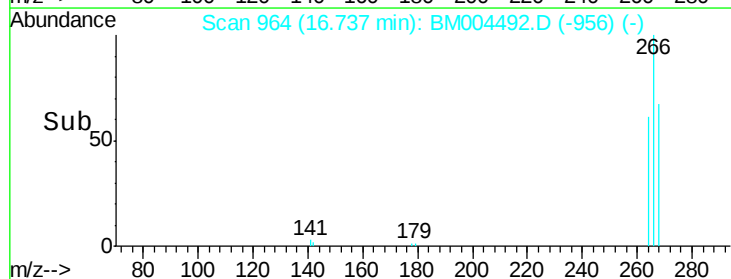
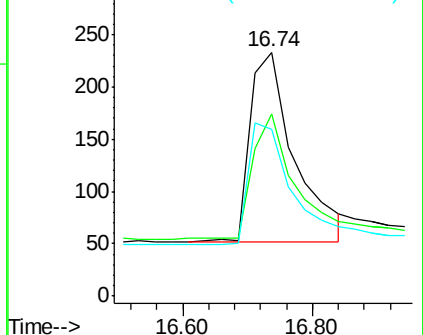


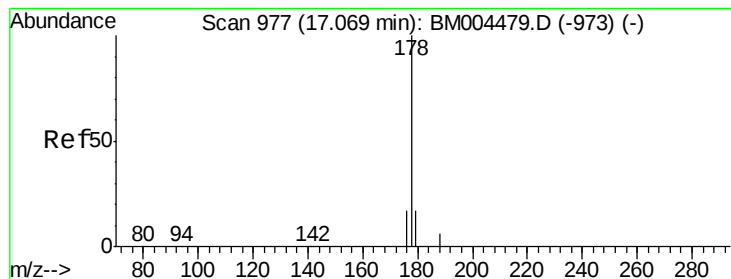
#22
Pentachlorophenol
Concen: 0.92 ng
RT: 16.74 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004492.D
Acq: 01 Mar 2016 05:42

Tgt Ion: 266 Resp: 856
Ion Ratio Lower Upper
266 100
268 74.7 60.7 91.1
264 68.2 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: 0.81 ng

RT: 17.07 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

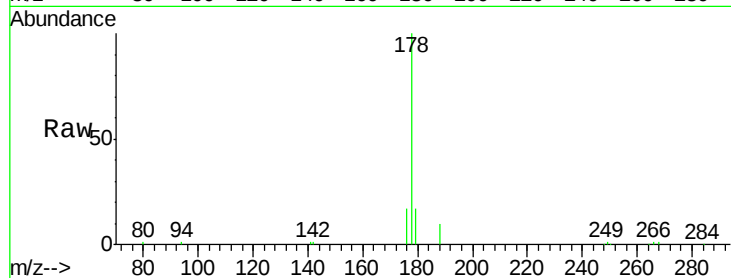
Tgt Ion:178 Resp: 22709

Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

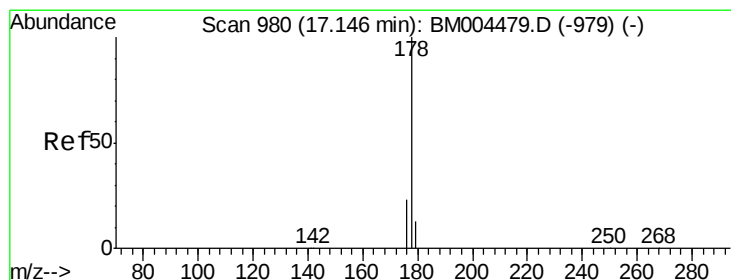
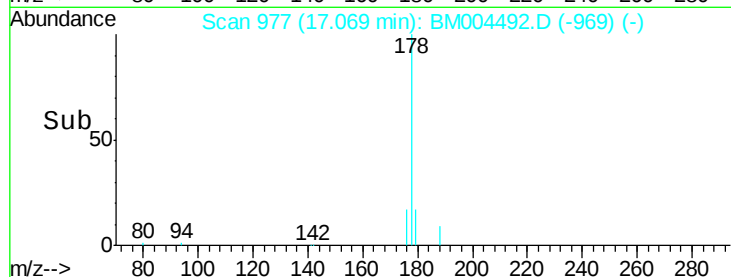
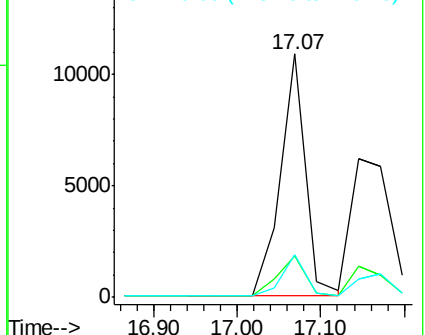
179 16.0 12.9 19.3



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: 0.89 ng

RT: 17.07 min Scan# 977

Delta R.T. -0.08 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

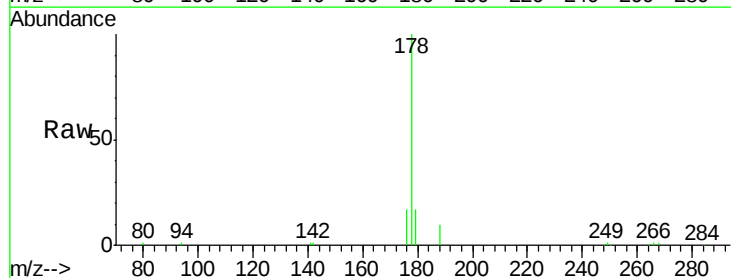
Tgt Ion:178 Resp: 22707

Ion Ratio Lower Upper

178 100

176 18.6 15.6 23.4

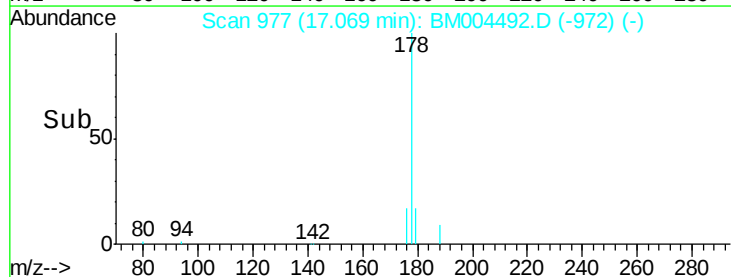
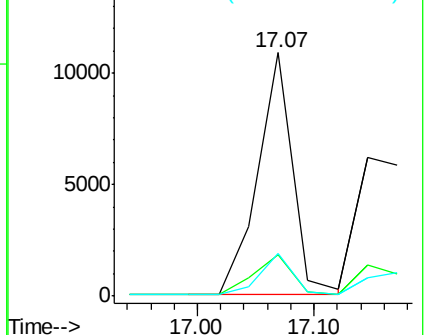
179 16.0 13.6 20.4

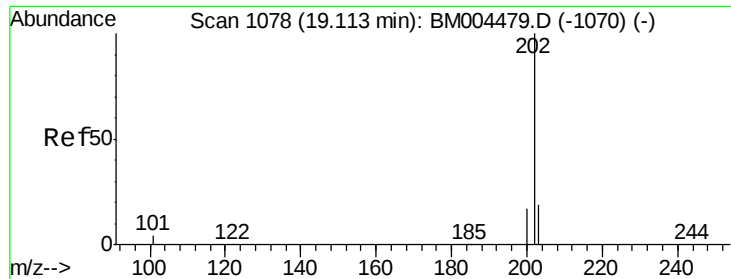


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.83 ng

RT: 19.10 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

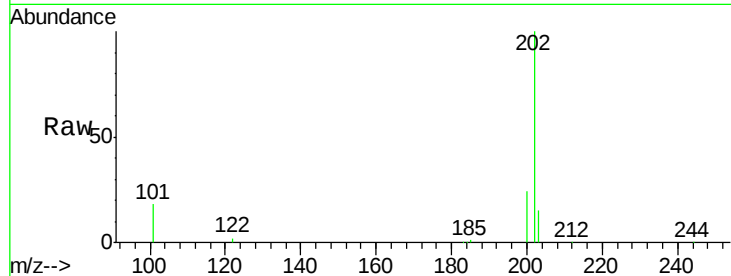
Tgt Ion:202 Resp: 27144

Ion Ratio Lower Upper

202 100

101 12.2 9.4 14.2

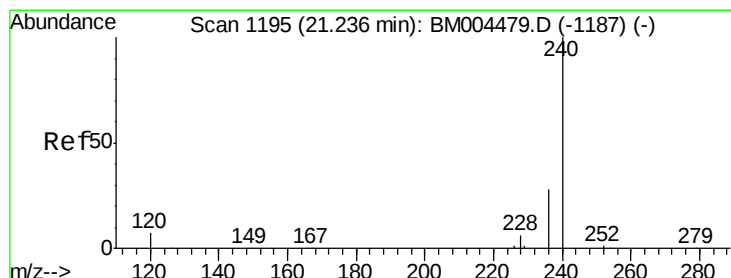
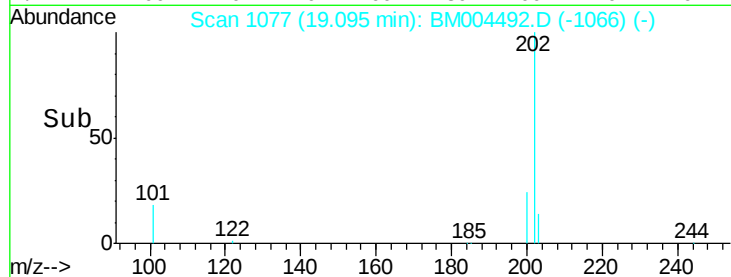
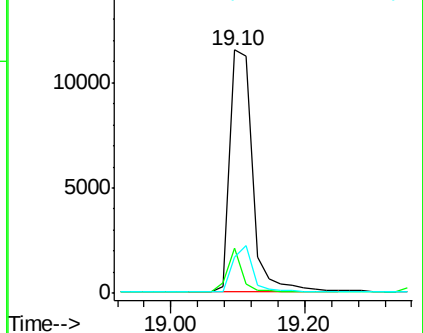
203 17.2 13.9 20.9



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: 21.24 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

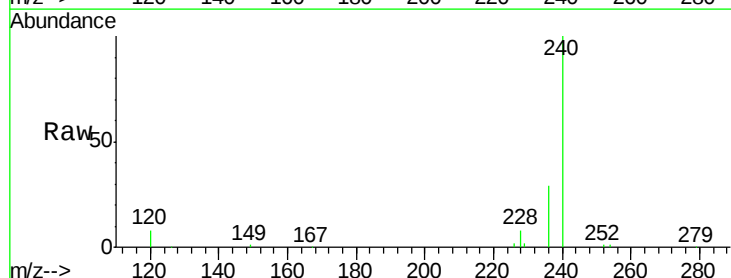
Tgt Ion:240 Resp: 80306

Ion Ratio Lower Upper

240 100

120 8.4 6.1 9.1

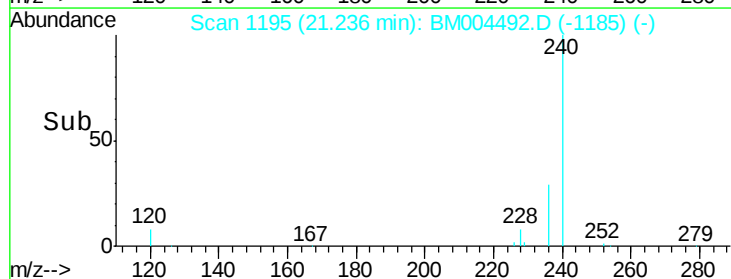
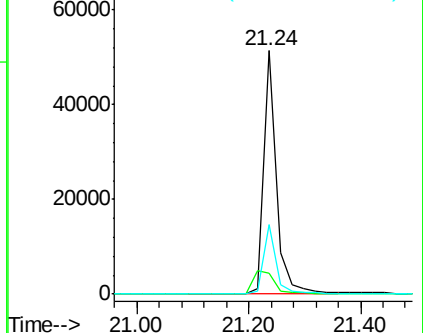
236 28.6 22.6 34.0

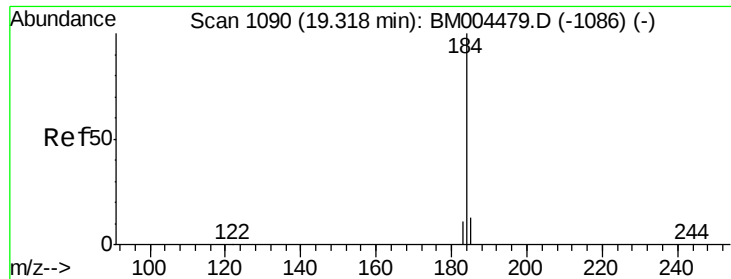


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

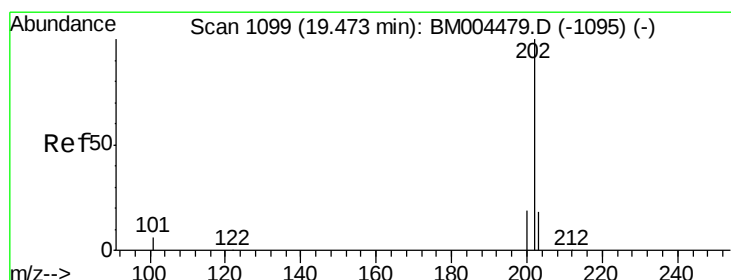
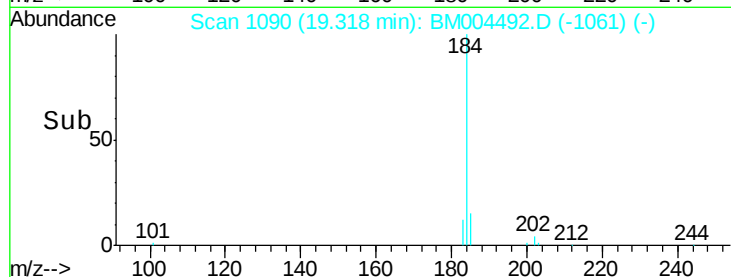
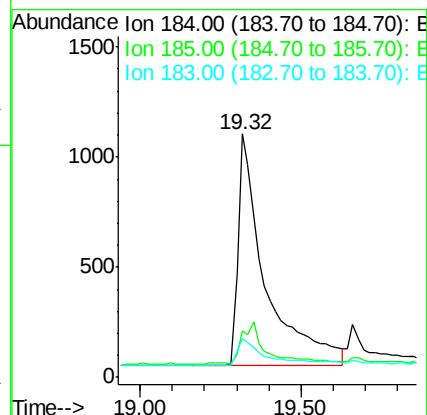
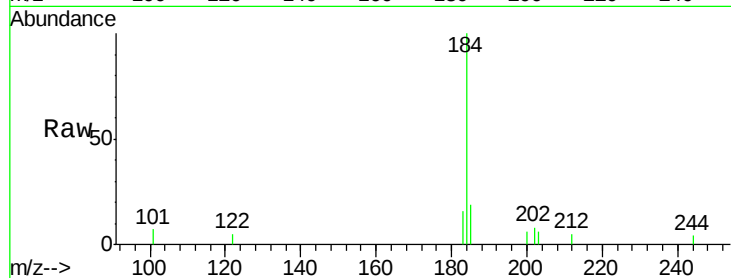




#27
Benzidine
Concen: 0.80 ng
RT: 19.32 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BM004492.D
Acq: 01 Mar 2016 05:42

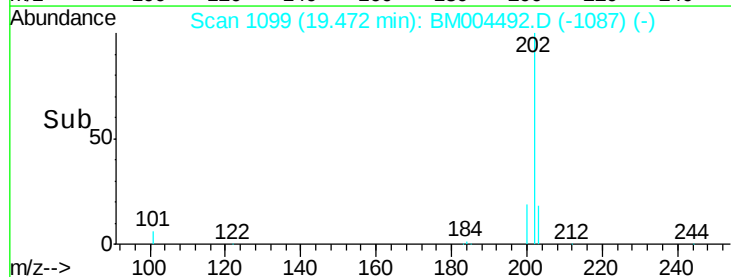
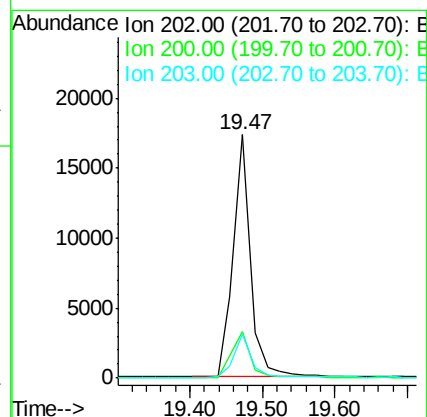
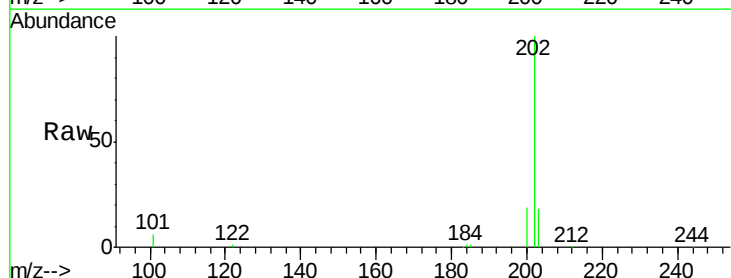
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

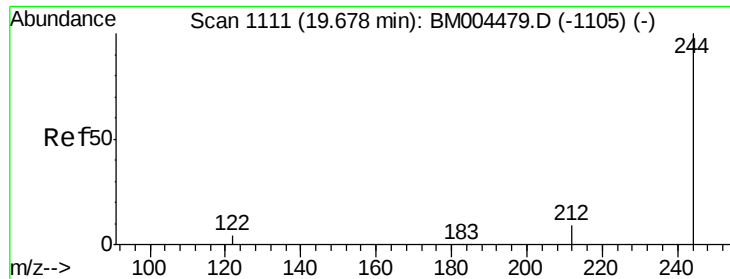
Tgt Ion:184 Resp: 6158
Ion Ratio Lower Upper
184 100
185 19.3 16.6 24.8
183 15.9 12.3 18.5



#28
Pyrene
Concen: 0.90 ng
RT: 19.47 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BM004492.D
Acq: 01 Mar 2016 05:42

Tgt Ion:202 Resp: 28628
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 0.86 ng

RT: 19.68 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

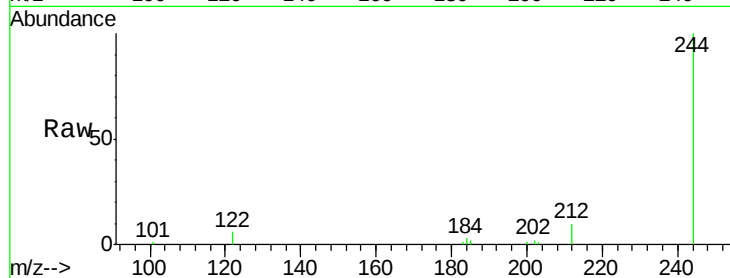
Tgt Ion:244 Resp: 8938

Ion Ratio Lower Upper

244 100

212 9.8 7.5 11.3

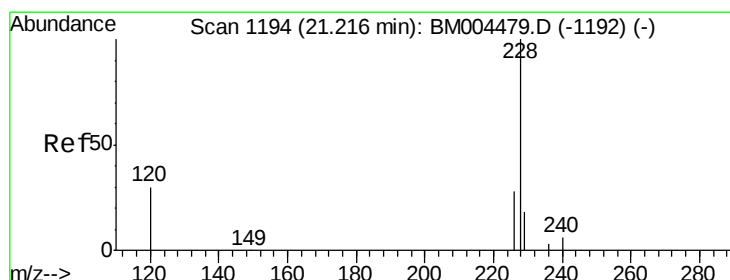
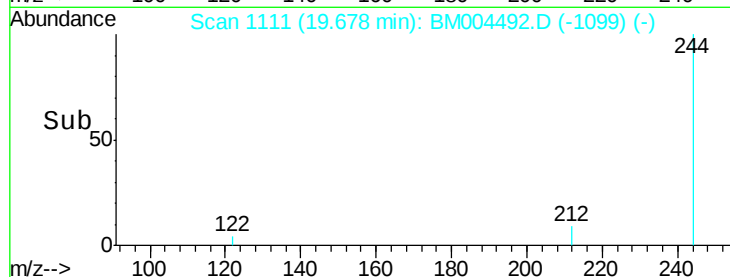
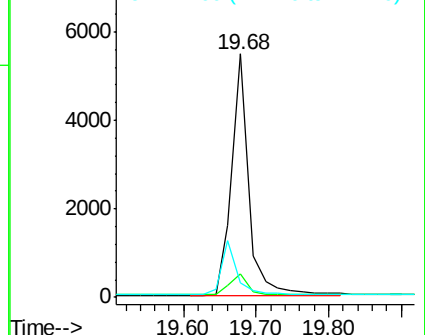
122 6.2 4.2 6.2



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: 1.08 ng

RT: 21.22 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

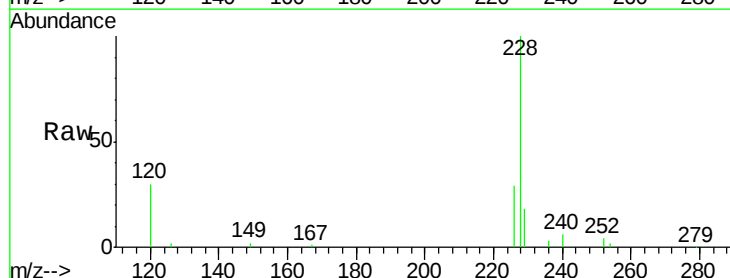
Tgt Ion:228 Resp: 31955

Ion Ratio Lower Upper

228 100

226 28.6 22.8 34.2

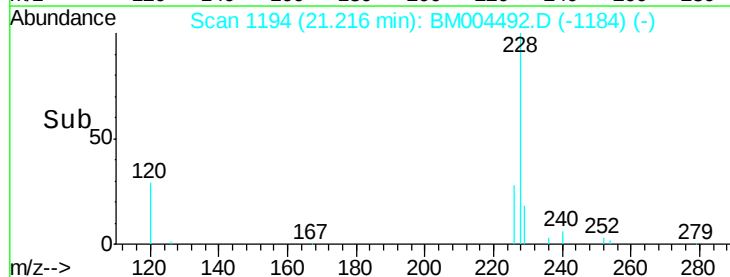
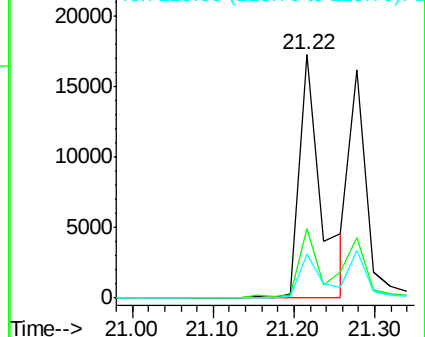
229 18.1 14.6 22.0

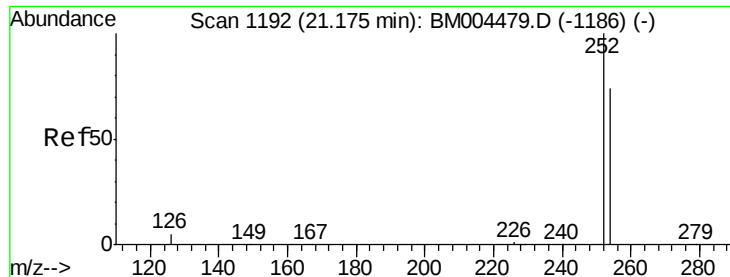


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

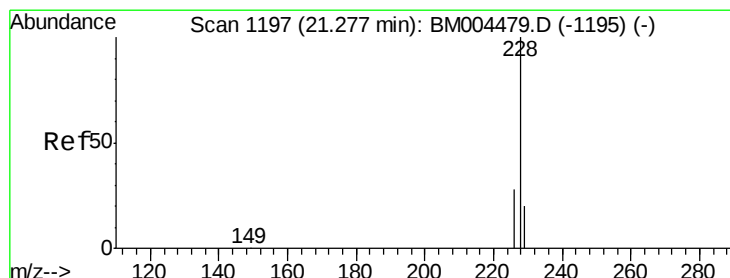
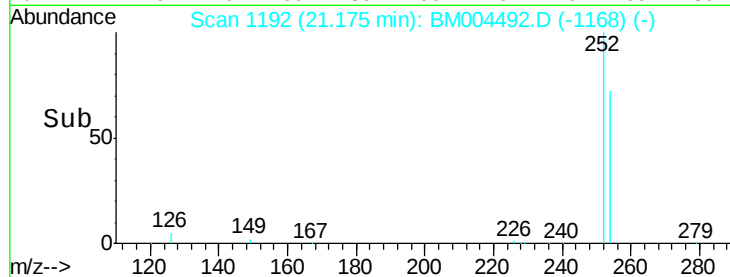
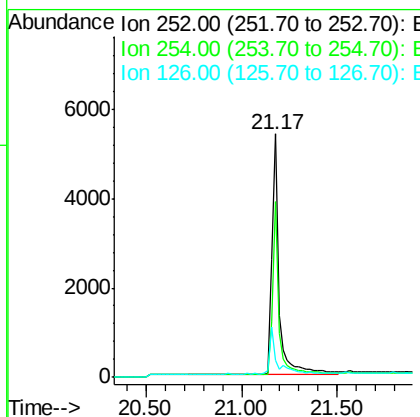
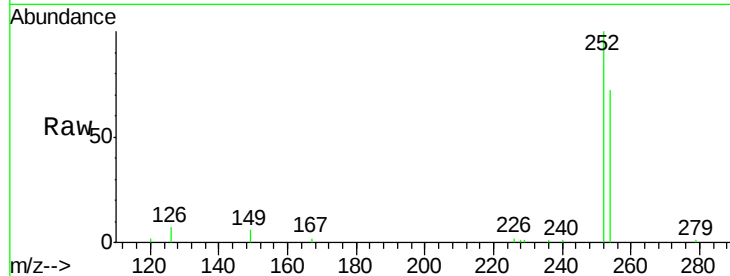




#31
 3,3'-Dichlorobenzidine
 Concen: 0.86 ng
 RT: 21.17 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BM004492.D
 Acq: 01 Mar 2016 05:42

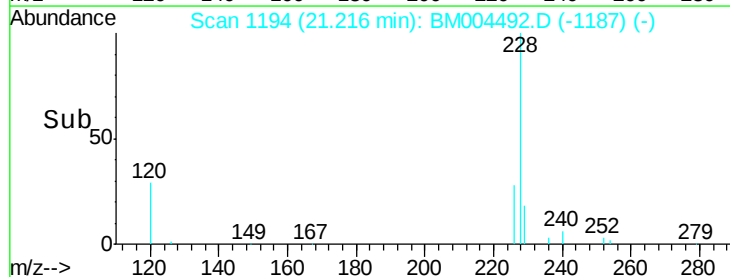
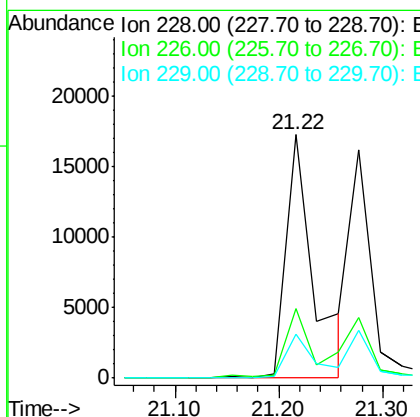
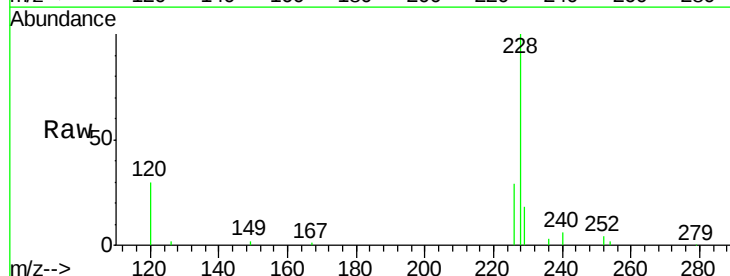
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

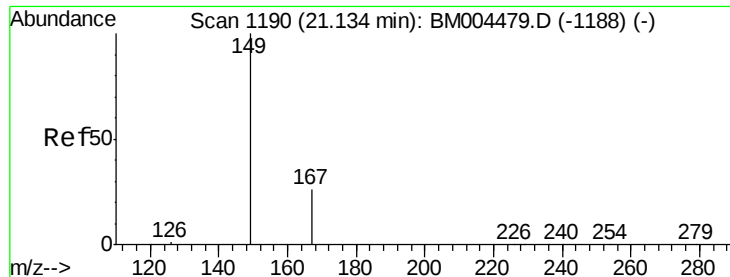
Tgt Ion: 252 Resp: 14365
 Ion Ratio Lower Upper
 252 100
 254 72.2 59.4 89.0
 126 6.8 5.5 8.3



#32
 Chrysene
 Concen: 0.81 ng
 RT: 21.22 min Scan# 1194
 Delta R.T. -0.06 min
 Lab File: BM004492.D
 Acq: 01 Mar 2016 05:42

Tgt Ion: 228 Resp: 31944
 Ion Ratio Lower Upper
 228 100
 226 28.6 21.4 32.2
 229 18.1 17.1 25.7





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.92 ng

RT: 21.13 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

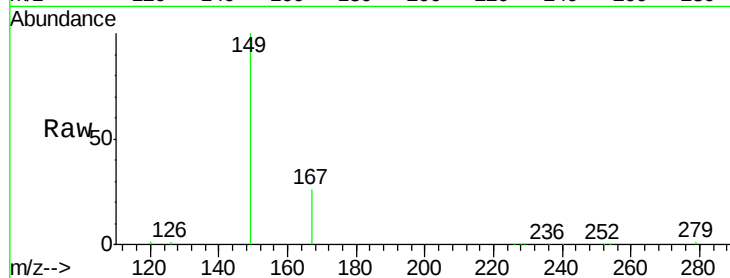
Tgt Ion:149 Resp: 21189

Ion Ratio Lower Upper

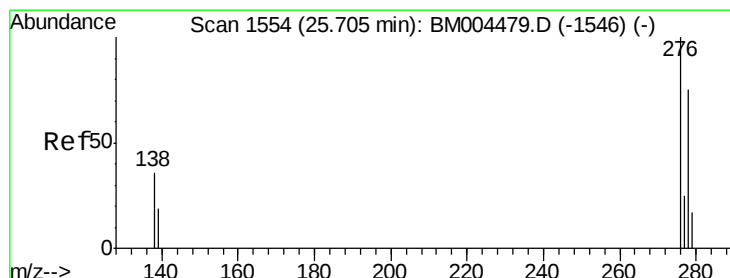
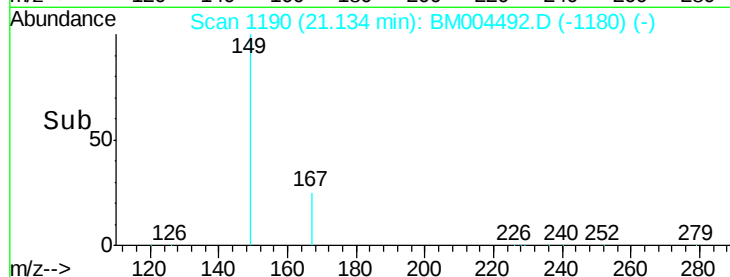
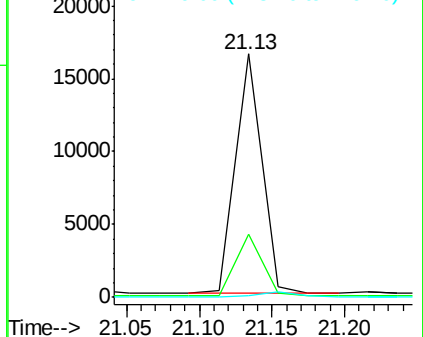
149 100

167 26.0 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: 0.93 ng

RT: 25.69 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

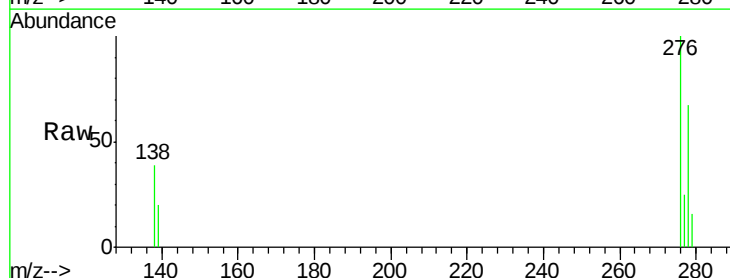
Tgt Ion:276 Resp: 25656

Ion Ratio Lower Upper

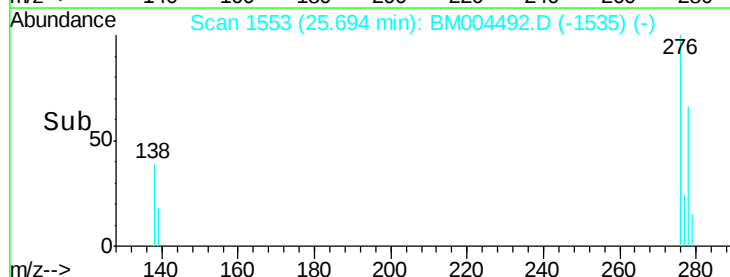
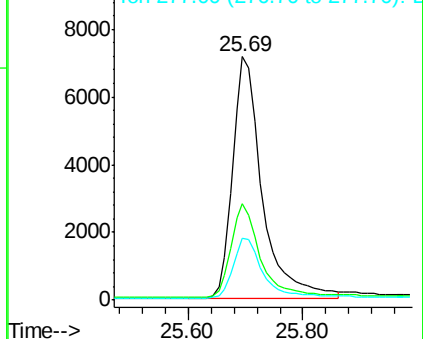
276 100

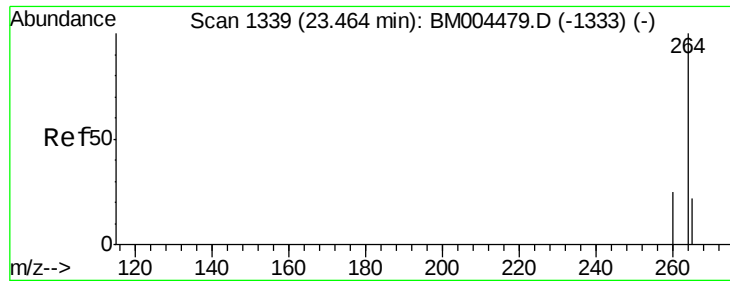
138 38.7 30.4 45.6

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: 23.46 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

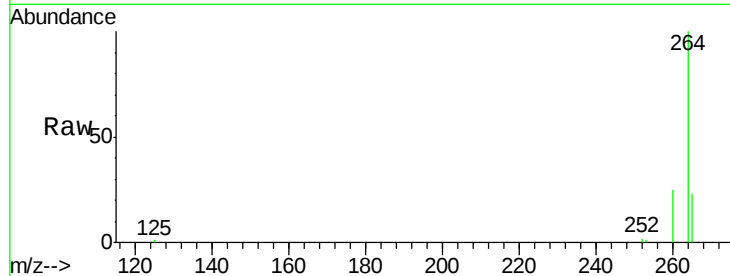
Tgt Ion:264 Resp: 68759

Ion Ratio Lower Upper

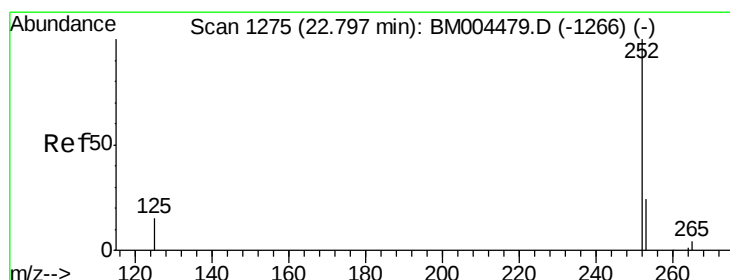
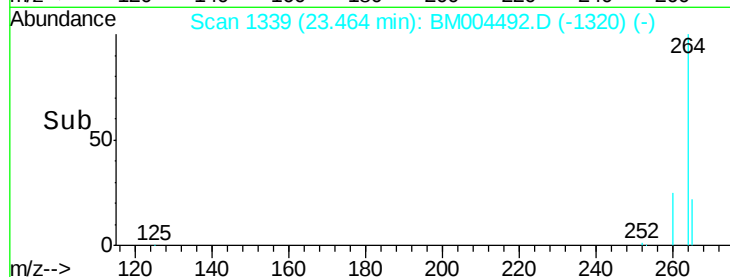
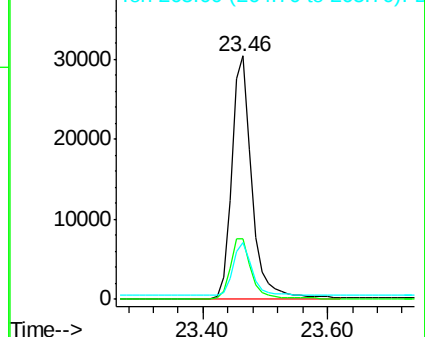
264 100

260 24.8 19.8 29.6

265 23.2 18.9 28.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#36

Benzo(b)fluoranthene

Concen: 0.91 ng

RT: 22.80 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

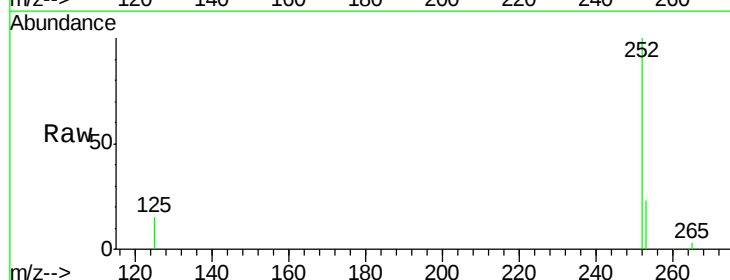
Tgt Ion:252 Resp: 24353

Ion Ratio Lower Upper

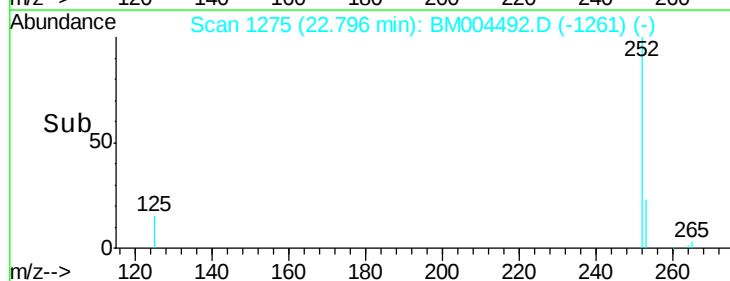
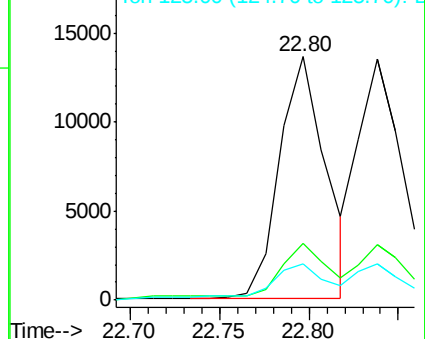
252 100

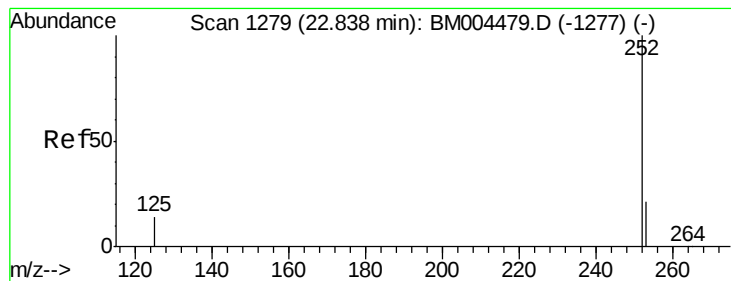
253 23.1 18.8 28.2

125 14.9 11.8 17.8



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





#37

Benzo(k)fluoranthene

Concen: 0.95 ng

RT: 22.84 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

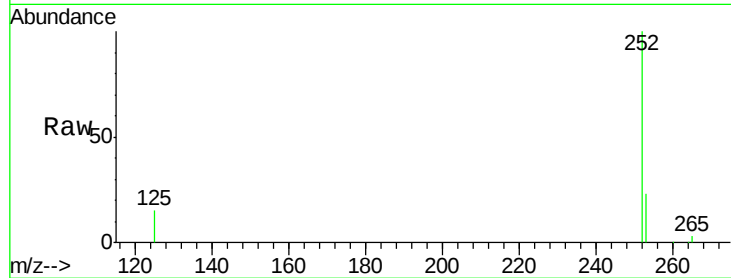
Tgt Ion:252 Resp: 25183

Ion Ratio Lower Upper

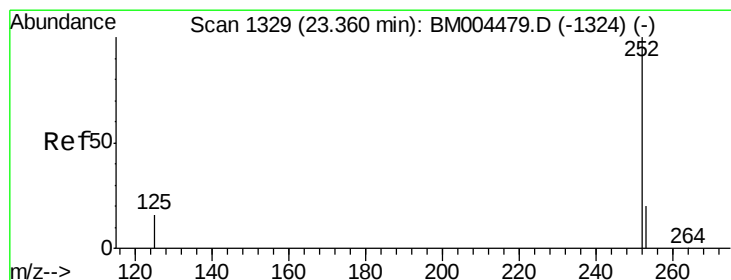
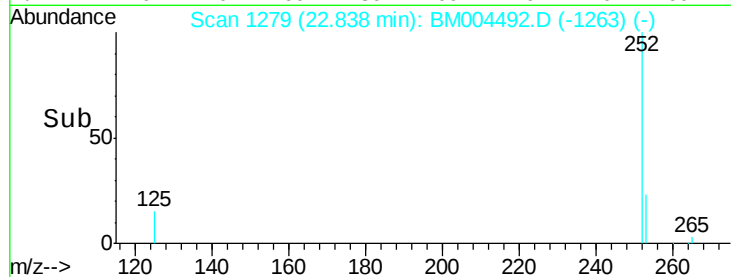
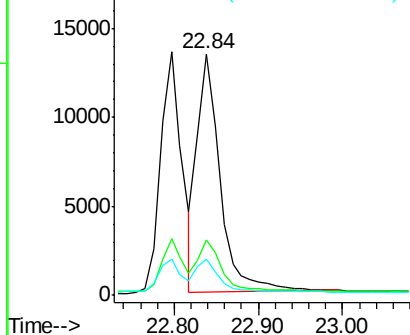
252 100

253 22.7 18.3 27.5

125 15.0 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: 0.97 ng

RT: 23.36 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

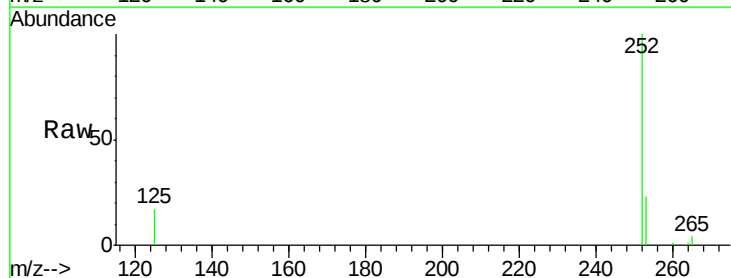
Tgt Ion:252 Resp: 23613

Ion Ratio Lower Upper

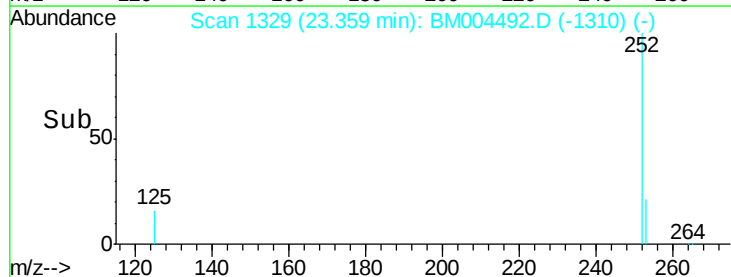
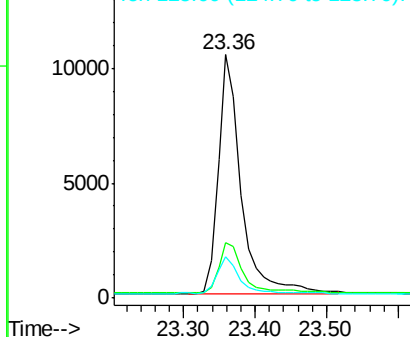
252 100

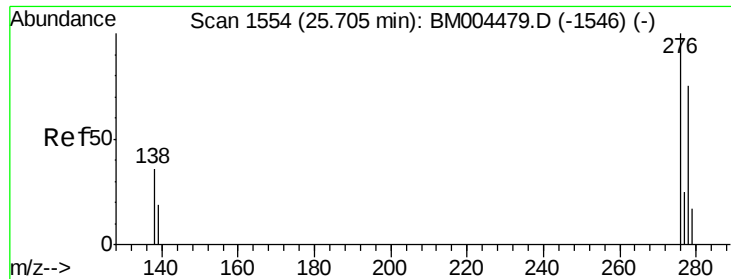
253 22.7 18.0 27.0

125 17.1 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: 0.95 ng

RT: 25.70 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

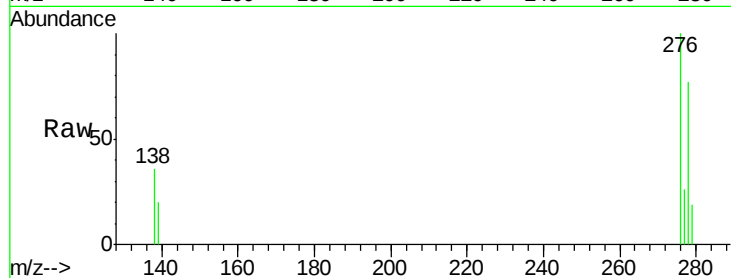
Tgt Ion: 278 Resp: 20108

Ion Ratio Lower Upper

278 100

139 26.1 21.2 31.8

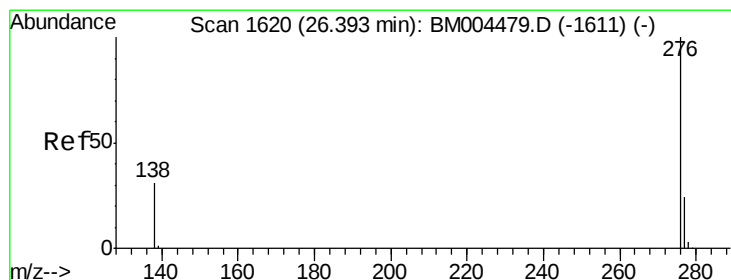
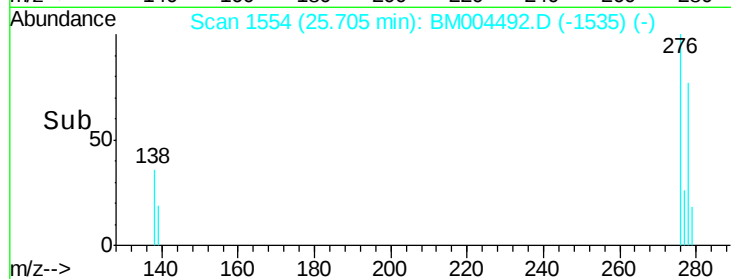
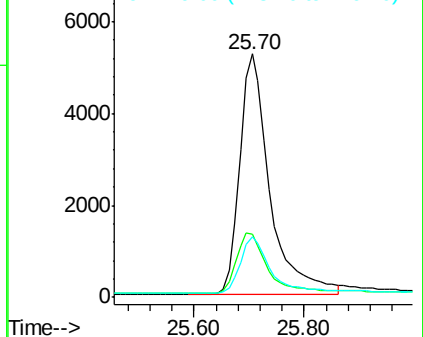
279 24.8 19.6 29.4



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: 0.97 ng

RT: 26.38 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BM004492.D

Acq: 01 Mar 2016 05:42

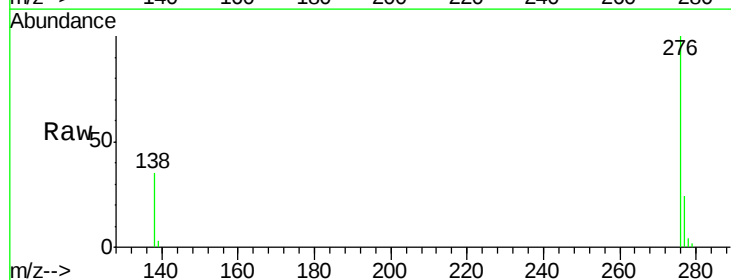
Tgt Ion: 276 Resp: 22361

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 35.1 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

