

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022916\
 Data File : BM004478.D
 Acq On : 29 Feb 2016 19:22
 Operator : SJ/UM
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

Quant Time: Mar 01 00:29:43 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 00:23:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	18116	5.00	ng	-0.04
7) Naphthalene-d8	10.39	136	70504	5.00	ng	-0.04
13) Acenaphthene-d10	14.26	164	36223	5.00	ng	-0.03
19) Phenanthrene-d10	17.01	188	75278	5.00	ng	-0.04
26) Chrysene-d12	21.23	240	79180	5.00	ng	-0.03
35) Perylene-d12	23.46	264	67081	5.00	ng	-0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	3442	0.90	ng	-0.03
5) Phenol-d6	6.83	99	3918	0.85	ng	0.00
8) Nitrobenzene-d5	8.79	82	2835	0.91	ng	-0.03
14) 2,4,6-Tribromophenol	15.80	330	1121	1.05	ng	-0.02
15) 2-Fluorobiphenyl	12.90	172	8772	0.79	ng	-0.03
29) Terphenyl-d14	19.67	244	7800	0.77	ng	-0.02

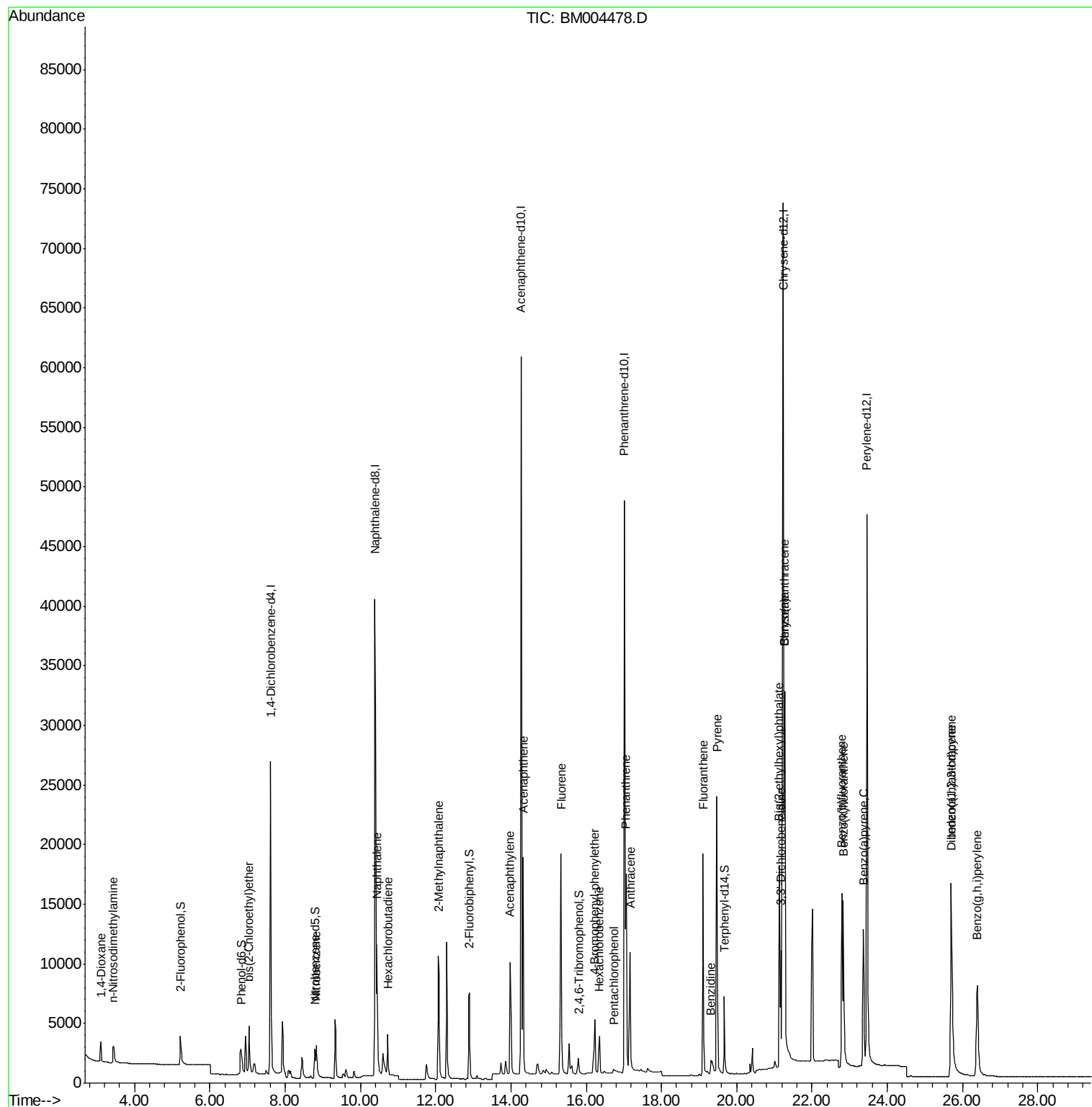
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	1478	0.74	ng	# 95
3) n-Nitrosodimethylamine	3.43	42	1398	0.86	ng	# 98
6) bis(2-Chloroethyl)ether	7.04	93	4019	0.94	ng	99
9) Nitrobenzene	8.83	77	3782	1.05	ng	99
10) Naphthalene	10.44	128	16289	0.98	ng	100
11) Hexachlorobutadiene	10.73	225	2623	1.02	ng	99
12) 2-Methylnaphthalene	12.07	142	9724	0.90	ng	93
16) Acenaphthylene	13.98	152	15613	0.98	ng	99
17) Acenaphthene	14.33	154	10614	0.89	ng	99
18) Fluorene	15.33	166	13250	0.91	ng	98
20) 4-Bromophenyl-phenylether	16.22	248	3188	1.28	ng	# 92
21) Hexachlorobenzene	16.35	284	3826	1.46	ng	# 100
22) Pentachlorophenol	16.73	266	422	0.64	ng	99
23) Phenanthrene	17.07	178	20841	1.27	ng	99
24) Anthracene	17.17	178	16553	0.95	ng	96
25) Fluoranthene	19.11	202	22641	1.10	ng	100
27) Benzidine	19.31	184	5296	1.34	ng	93
28) Pyrene	19.47	202	24106	1.06	ng	100
30) Benzo(a)anthracene	21.27	228	51530	2.13	ng	98
31) 3,3'-Dichlorobenzidine	21.17	252	12374	2.15	ng	95
32) Chrysene	21.27	228	52676	2.36	ng	96
33) Bis(2-ethylhexyl)phthalate	21.13	149	18573	1.84	ng	# 97
34) Indeno(1,2,3-cd)pyrene	25.70	276	20702	0.89	ng	100
36) Benzo(b)fluoranthene	22.79	252	18840	0.89	ng	98
37) Benzo(k)fluoranthene	22.83	252	20874	1.09	ng	99
38) Benzo(a)pyrene	23.37	252	18978	1.02	ng	97
39) Dibenzo(a,h)anthracene	25.71	278	16262	0.98	ng	99
40) Benzo(g,h,i)perylene	26.39	276	17811	0.98	ng	99

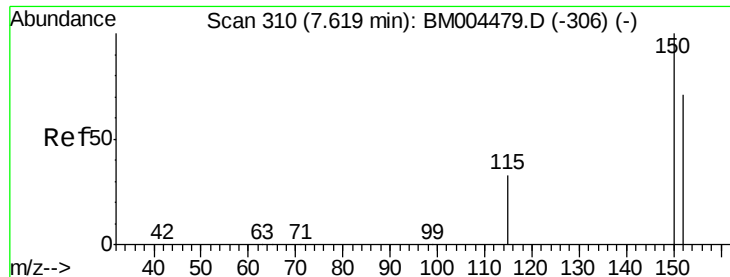
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.62 min Scan# 310

Delta R.T. -0.04 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

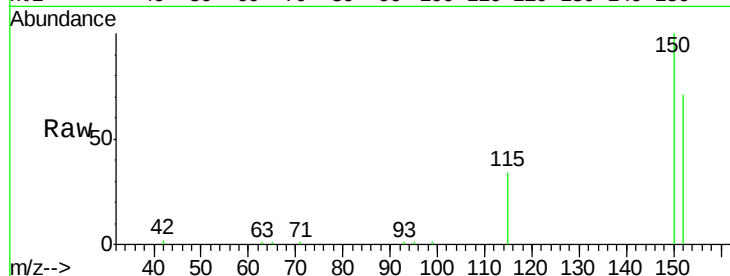
Tgt Ion: 152 Resp: 18116

Ion Ratio Lower Upper

152 100

150 140.8 111.9 167.9

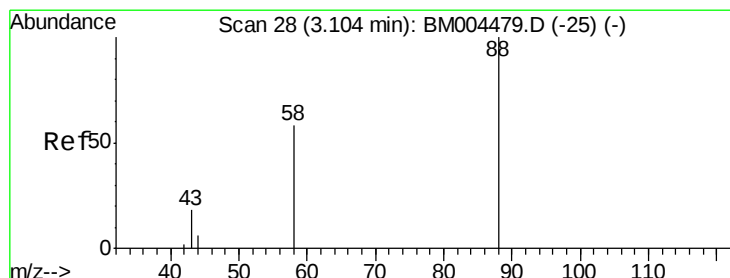
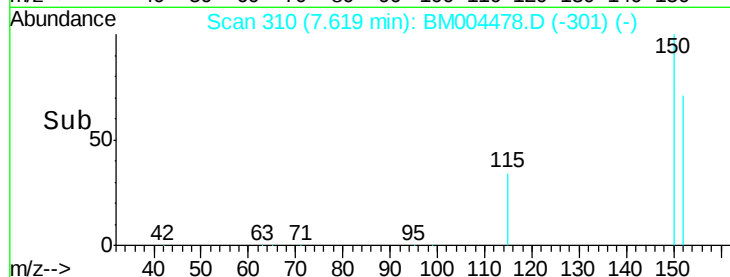
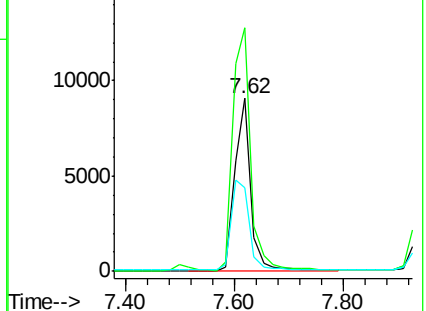
115 48.0 37.7 56.5



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: 0.74 ng

RT: 3.10 min Scan# 28

Delta R.T. -0.05 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

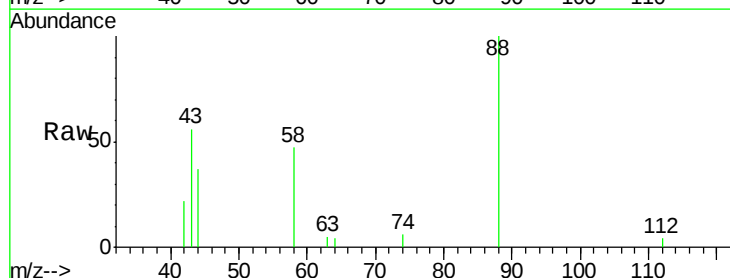
Tgt Ion: 88 Resp: 1478

Ion Ratio Lower Upper

88 100

58 57.8 45.4 68.0

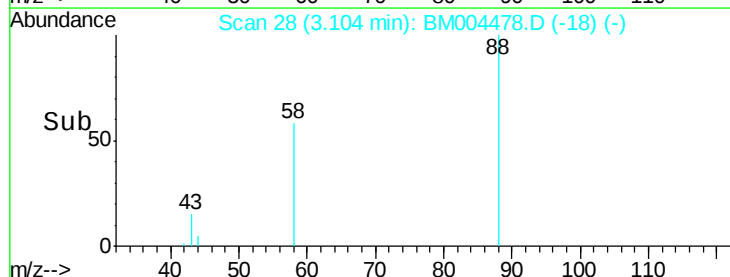
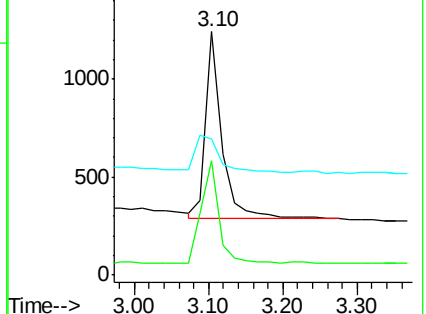
43 30.3 19.3 28.9#

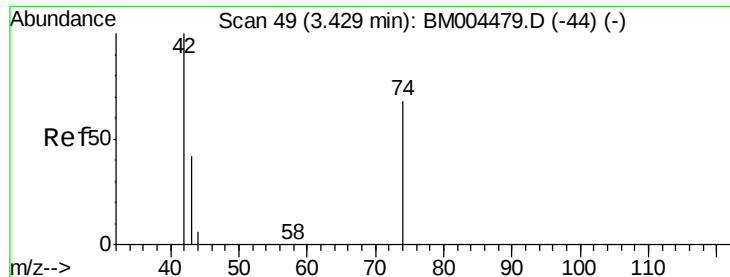


Abundance Ion 88.00 (87.70 to 88.70): BM0

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. -0.05 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

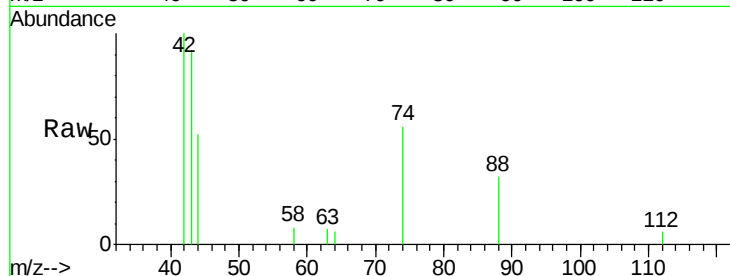
Tgt Ion: 42 Resp: 1398

Ion Ratio Lower Upper

42 100

74 150.1 117.8 176.8

44 5.9 6.1 9.1#



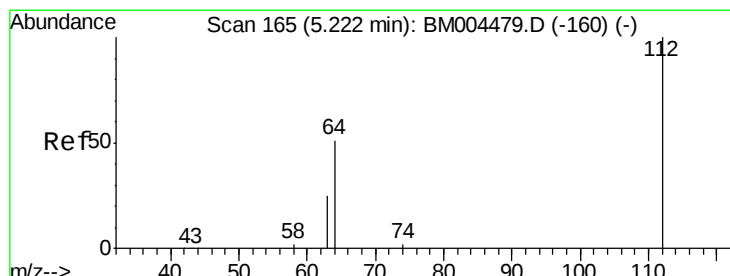
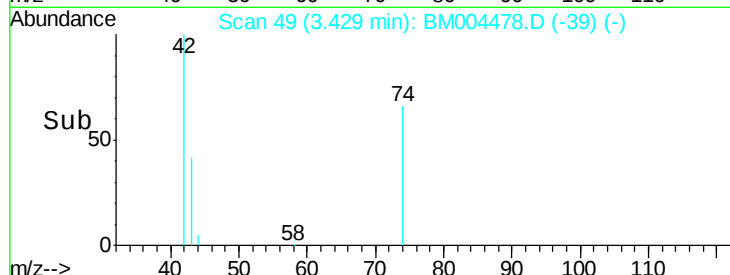
Abundance Ion 42.00 (41.70 to 42.70): BM004478.D (-39) (-)

Ion 74.00 (73.70 to 74.70): BM004478.D (-39) (-)

Ion 44.00 (43.70 to 44.70): BM004478.D (-39) (-)

3.43

Time-->



#4

2-Fluorophenol

Concen: 0.90 ng

RT: 5.22 min Scan# 165

Delta R.T. -0.03 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

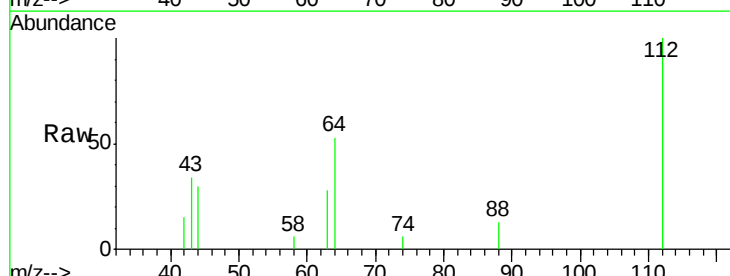
Tgt Ion: 112 Resp: 3442

Ion Ratio Lower Upper

112 100

64 48.6 39.6 59.4

63 24.8 20.0 30.0



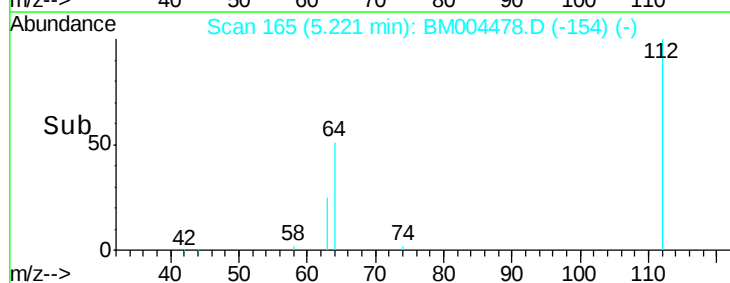
Abundance Ion 112.00 (111.70 to 112.70): BM004478.D (-154) (-)

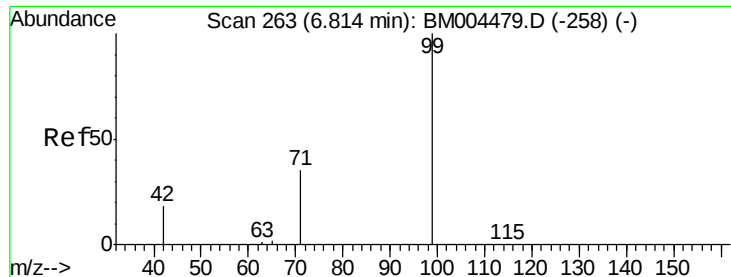
Ion 64.00 (63.70 to 64.70): BM004478.D (-154) (-)

Ion 63.00 (62.70 to 63.70): BM004478.D (-154) (-)

5.22

Time-->





#5

Phenol-d6

Concen: 0.85 ng

RT: 6.83 min Scan# 264

Delta R.T. -0.01 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

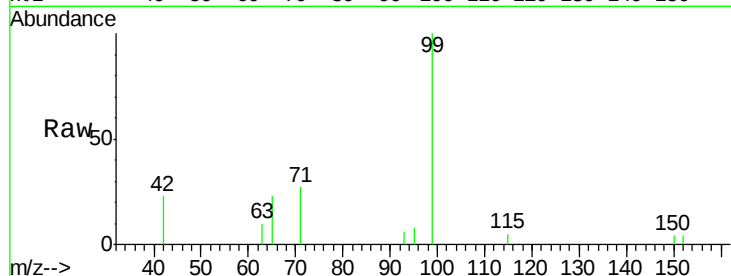
Tgt Ion: 99 Resp: 3918

Ion Ratio Lower Upper

99 100

42 16.0 12.2 18.2

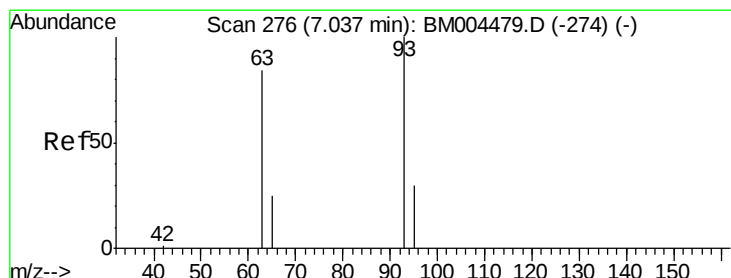
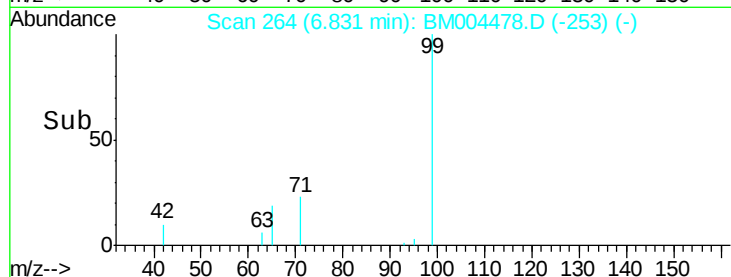
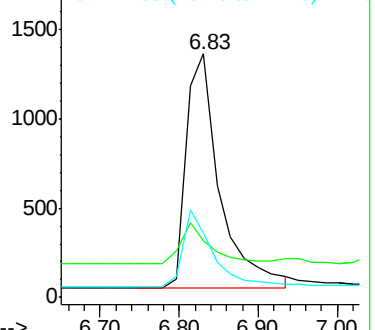
71 29.7 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM004478.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM004478.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM004478.D (-253) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.94 ng

RT: 7.04 min Scan# 276

Delta R.T. -0.04 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

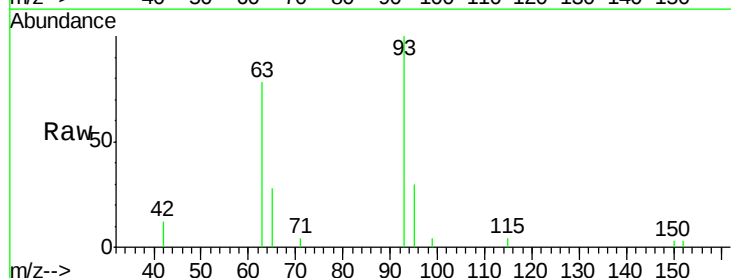
Tgt Ion: 93 Resp: 4019

Ion Ratio Lower Upper

93 100

63 63.6 51.7 77.5

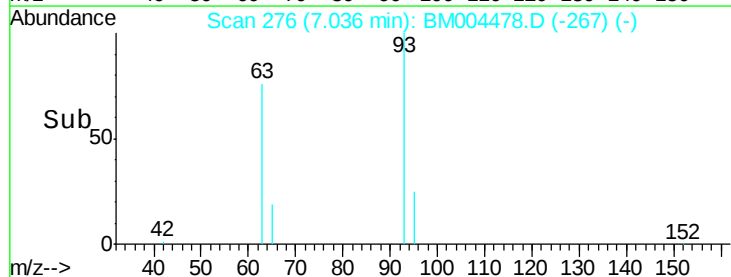
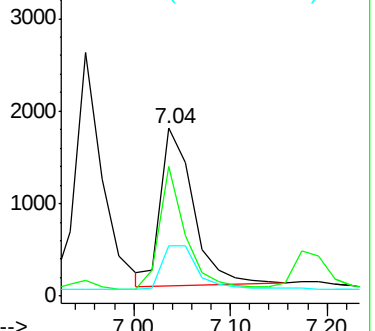
95 32.1 25.4 38.2

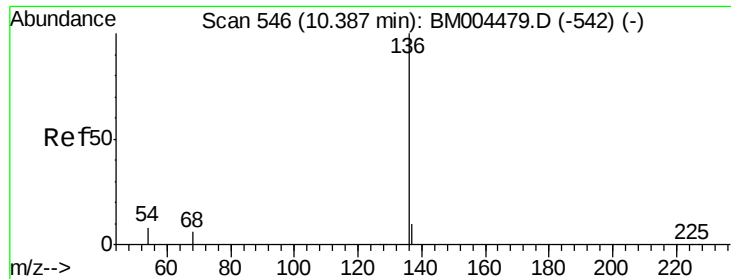


Abundance Ion 93.00 (92.70 to 93.70): BM004478.D (-267) (-)

Ion 63.00 (62.70 to 63.70): BM004478.D (-267) (-)

Ion 95.00 (94.70 to 95.70): BM004478.D (-267) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 546

Delta R.T. -0.04 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

Tgt Ion:136 Resp: 70504

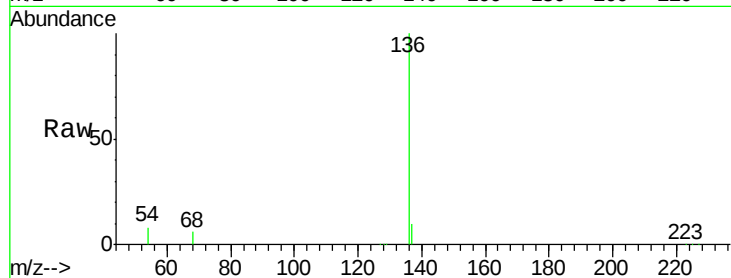
Ion Ratio Lower Upper

136 100

137 10.1 8.2 12.2

54 8.3 6.4 9.6

68 6.3 5.0 7.4

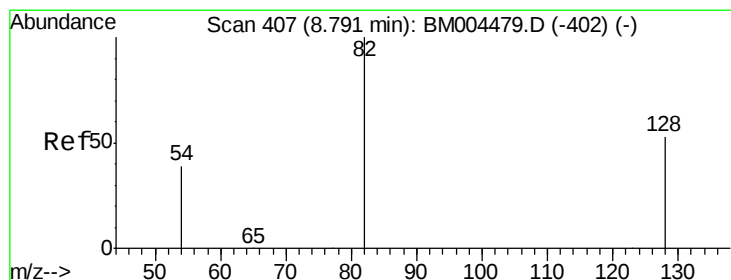
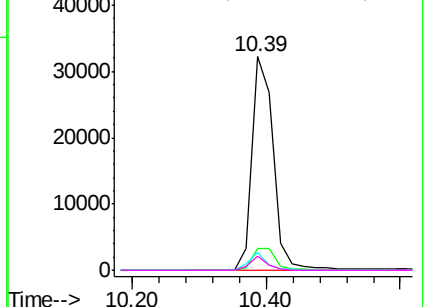
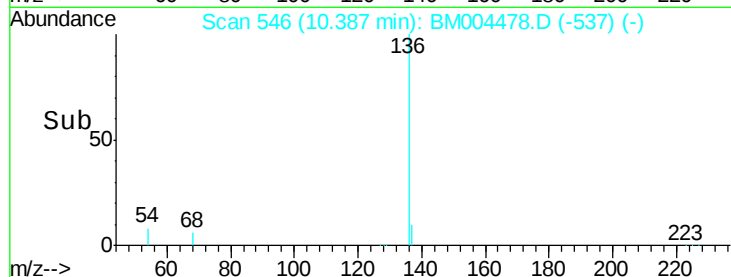


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.91 ng

RT: 8.79 min Scan# 407

Delta R.T. -0.03 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

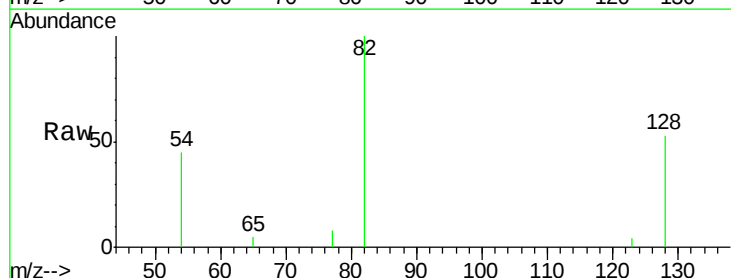
Tgt Ion: 82 Resp: 2835

Ion Ratio Lower Upper

82 100

128 52.7 43.7 65.5

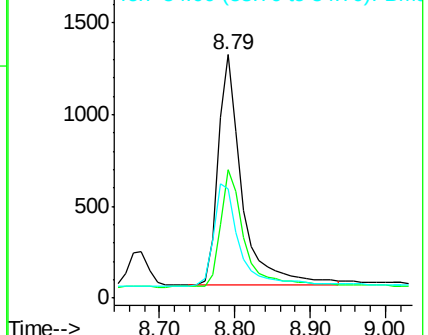
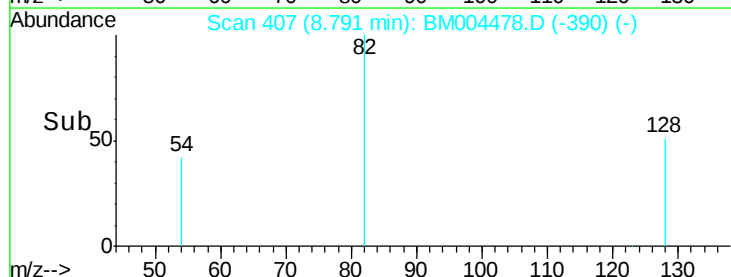
54 44.8 33.5 50.3

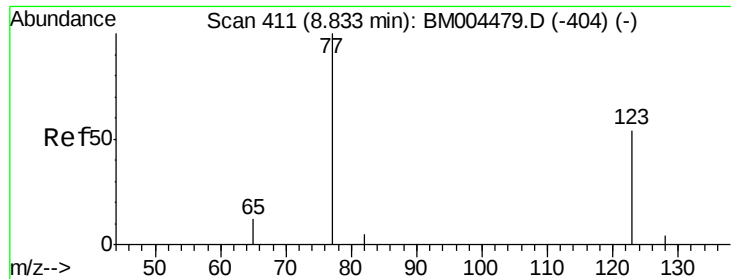


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 1.05 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.03 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

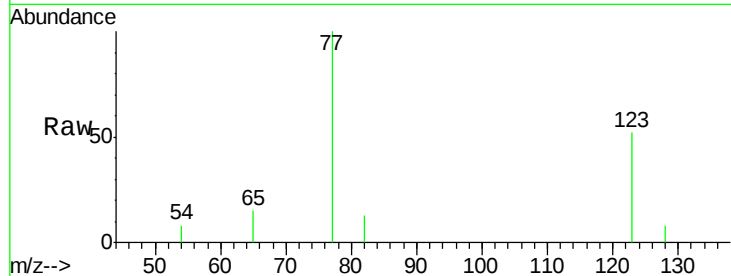
Tgt Ion: 77 Resp: 3782

Ion Ratio Lower Upper

77 100

123 53.2 42.2 63.2

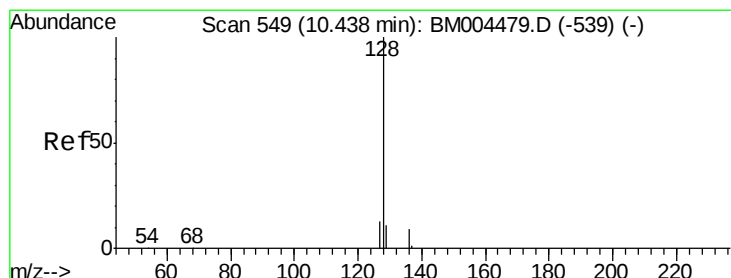
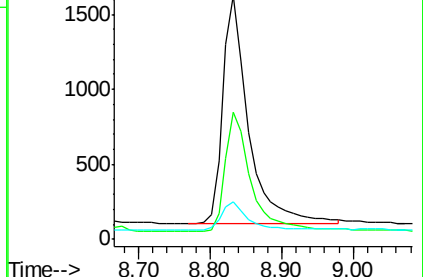
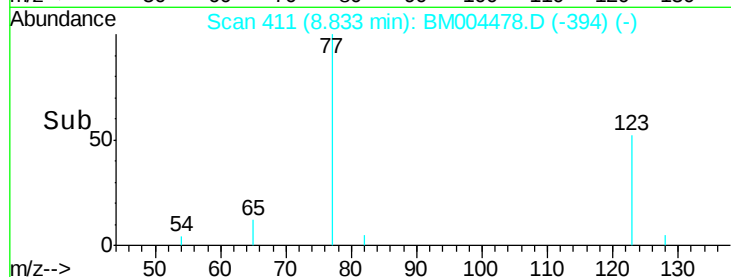
65 12.5 10.0 15.0



Abundance Ion 77.00 (76.70 to 77.70): BM004478.D (-394) (-)

Ion 123.00 (122.70 to 123.70): BM004478.D (-394) (-)

Ion 65.00 (64.70 to 65.70): BM004478.D (-394) (-)



#10

Naphthalene

Concen: 0.98 ng

RT: 10.44 min Scan# 549

Delta R.T. -0.04 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

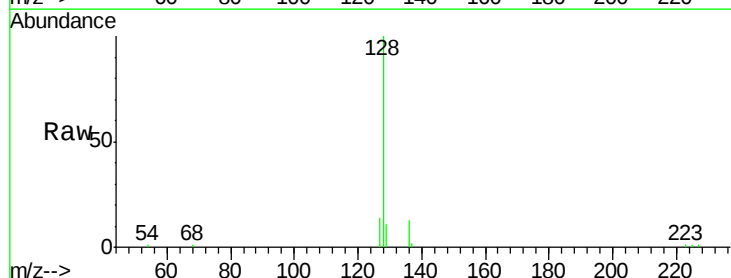
Tgt Ion: 128 Resp: 16289

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

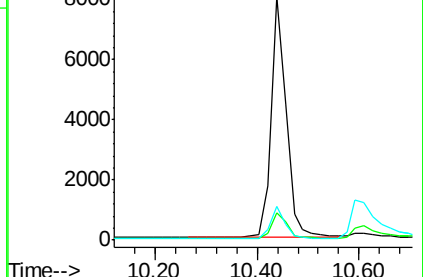
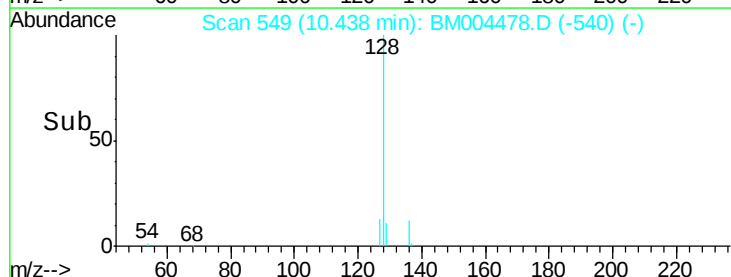
127 13.7 10.9 16.3

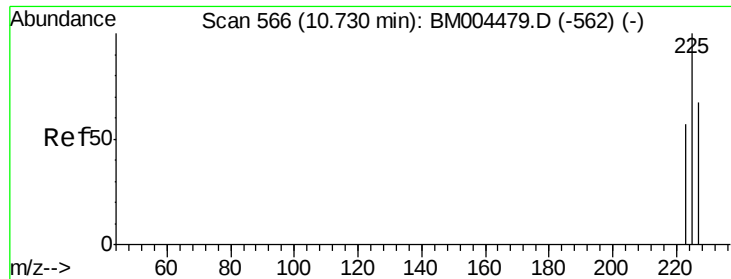


Abundance Ion 128.00 (127.70 to 128.70): BM004478.D (-540) (-)

Ion 129.00 (128.70 to 129.70): BM004478.D (-540) (-)

Ion 127.00 (126.70 to 127.70): BM004478.D (-540) (-)

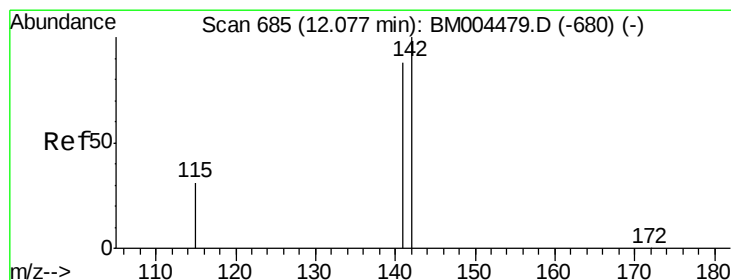
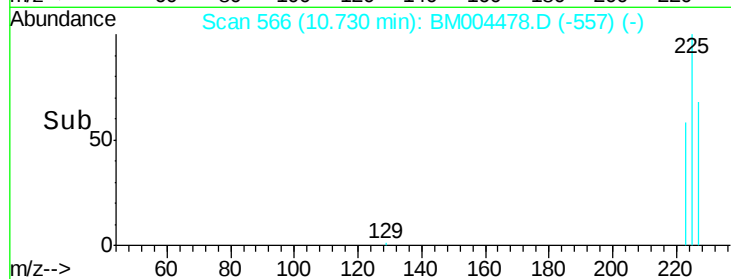
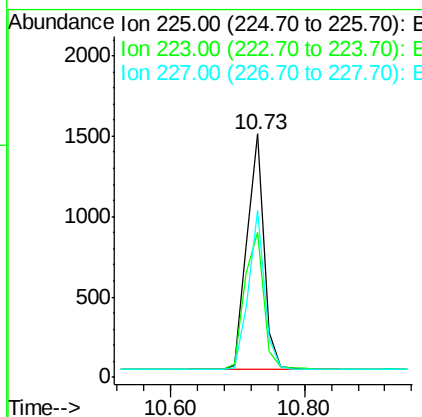
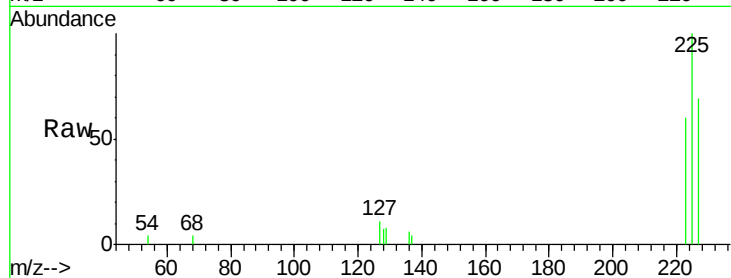




#11
Hexachlorobutadiene
Concen: 1.02 ng
RT: 10.73 min Scan# 566
Delta R.T. -0.04 min
Lab File: BM004478.D
Acq: 29 Feb 2016 19:22

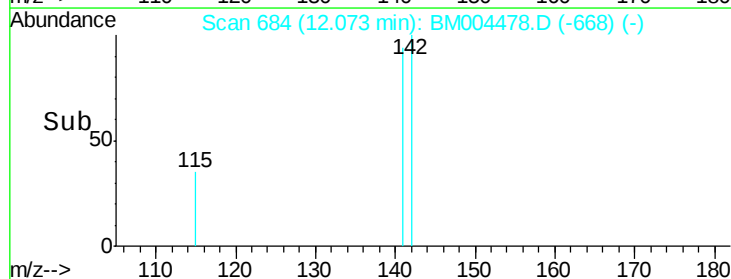
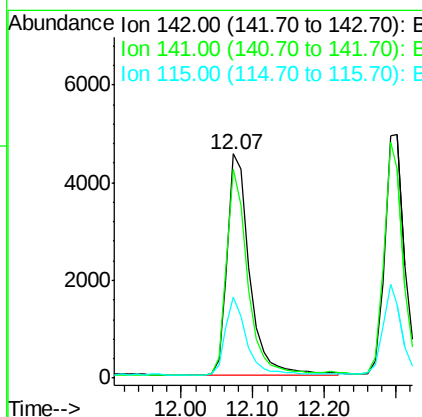
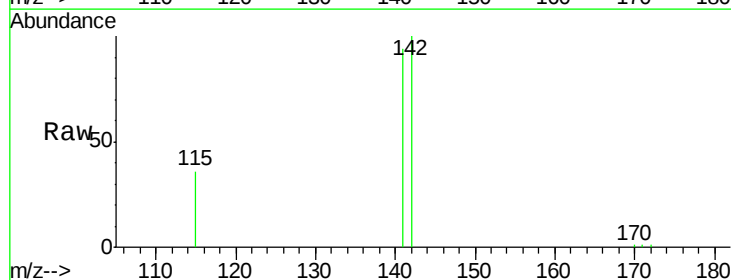
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

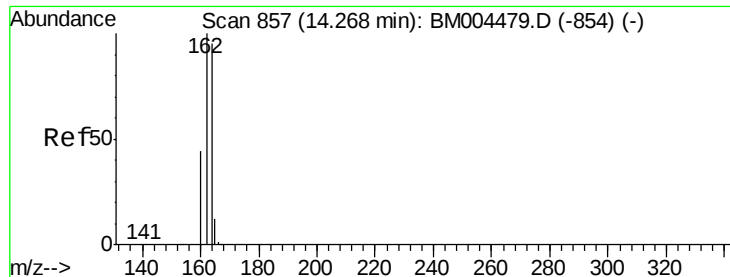
Tgt Ion: 225 Resp: 2623
Ion Ratio Lower Upper
225 100
223 63.5 50.2 75.4
227 63.5 50.6 75.8



#12
2-Methylnaphthalene
Concen: 0.90 ng
RT: 12.07 min Scan# 684
Delta R.T. -0.04 min
Lab File: BM004478.D
Acq: 29 Feb 2016 19:22

Tgt Ion: 142 Resp: 9724
Ion Ratio Lower Upper
142 100
141 93.7 70.2 105.2
115 36.4 25.8 38.6





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 856

Delta R.T. -0.03 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

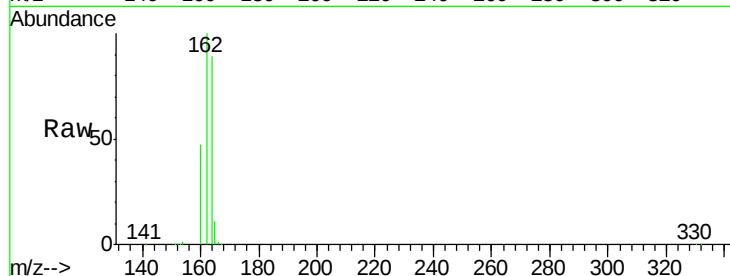
Tgt Ion:164 Resp: 36223

Ion Ratio Lower Upper

164 100

162 112.7 84.2 126.4

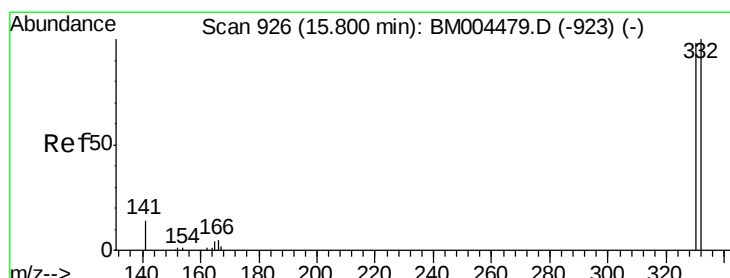
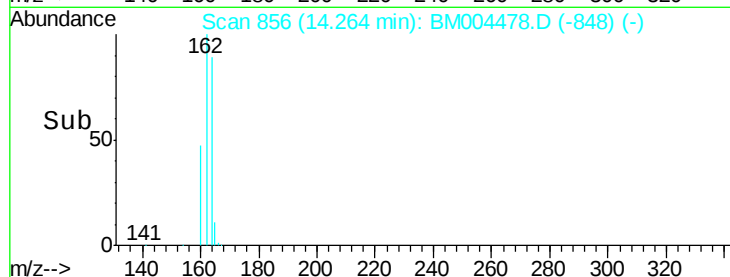
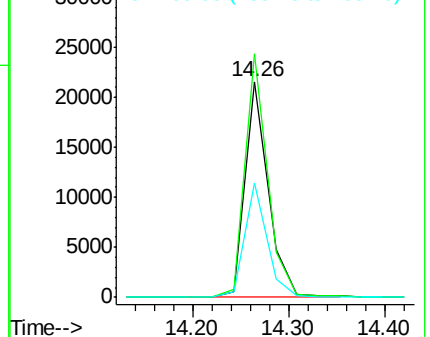
160 53.1 37.4 56.2



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: 1.05 ng

RT: 15.80 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

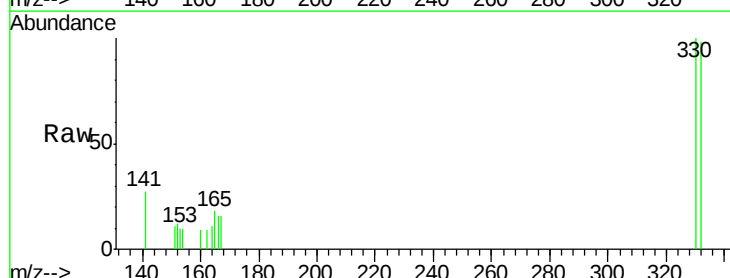
Tgt Ion:330 Resp: 1121

Ion Ratio Lower Upper

330 100

332 97.0 76.1 114.1

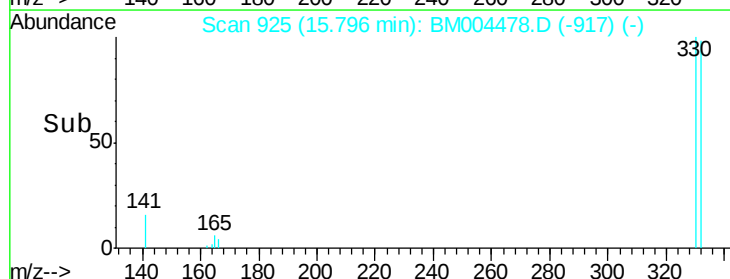
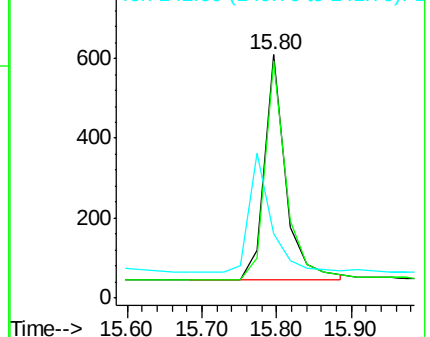
141 0.0 0.0 0.0

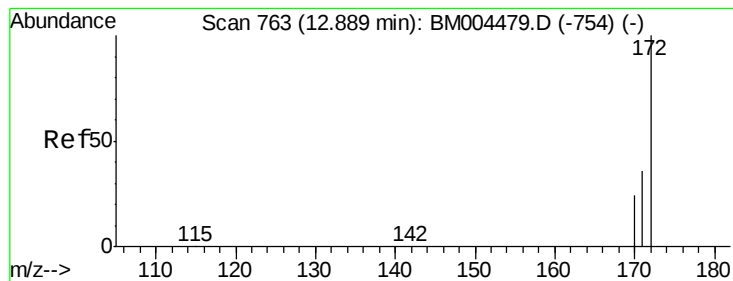


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

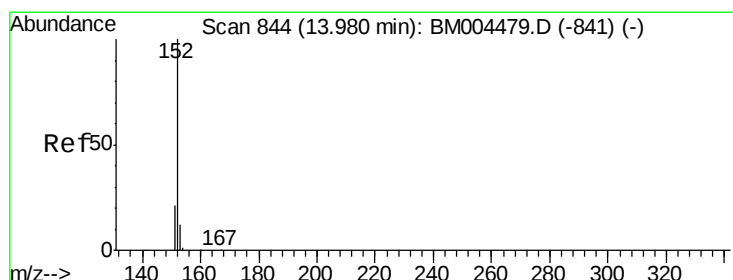
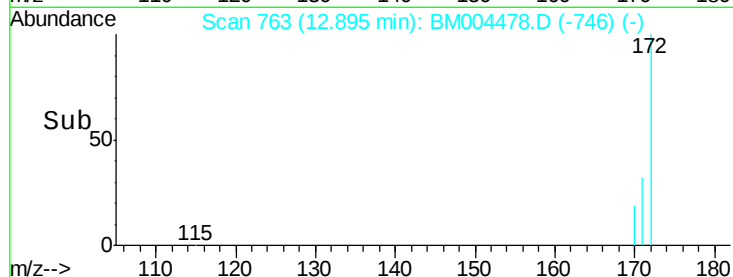
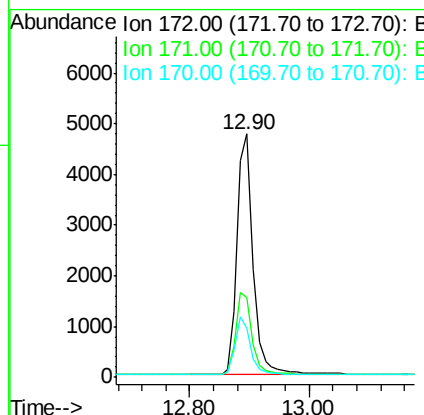
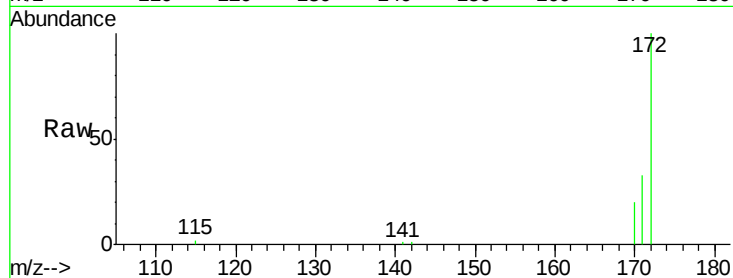




#15
2-Fluorobiphenyl
Concen: 0.79 ng
RT: 12.90 min Scan# 763
Delta R.T. -0.03 min
Lab File: BM004478.D
Acq: 29 Feb 2016 19:22

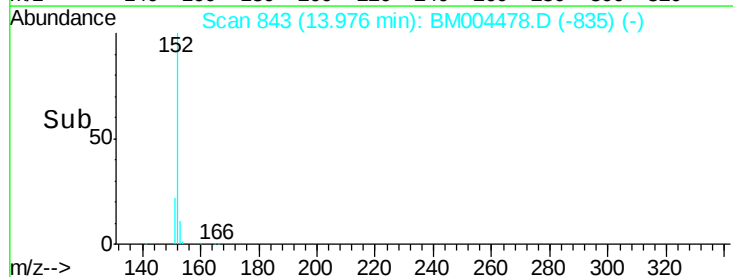
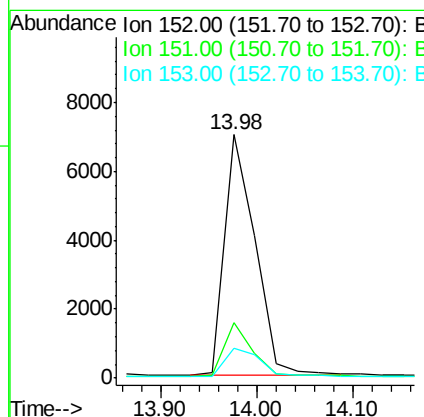
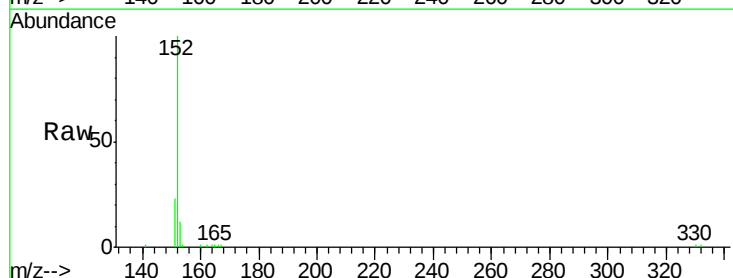
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

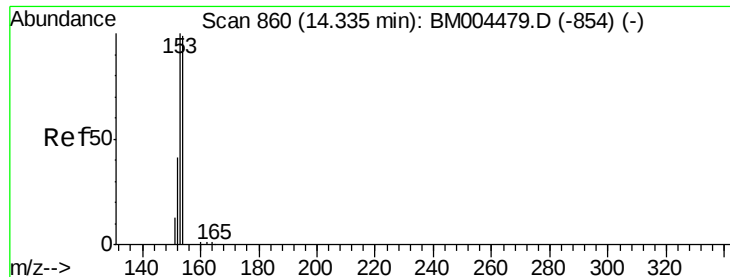
Tgt Ion:172 Resp: 8772
Ion Ratio Lower Upper
172 100
171 32.9 29.2 43.8
170 20.3 19.7 29.5



#16
Acenaphthylene
Concen: 0.98 ng
RT: 13.98 min Scan# 843
Delta R.T. -0.03 min
Lab File: BM004478.D
Acq: 29 Feb 2016 19:22

Tgt Ion:152 Resp: 15613
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 12.7 10.2 15.4

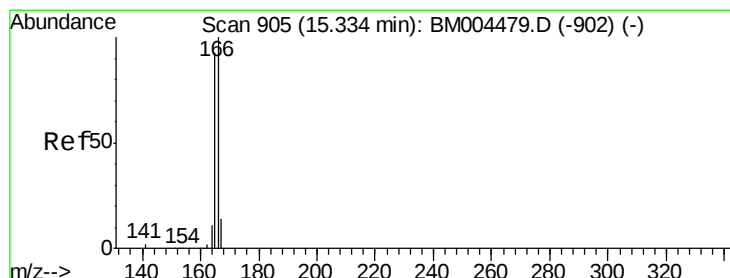
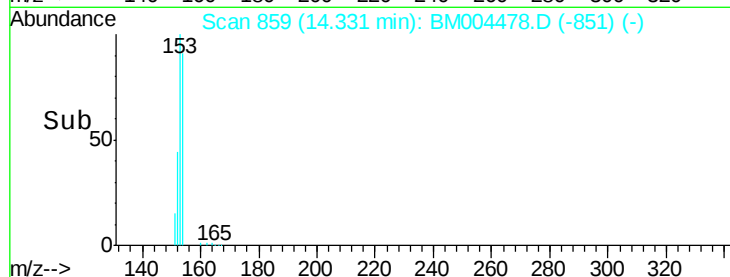
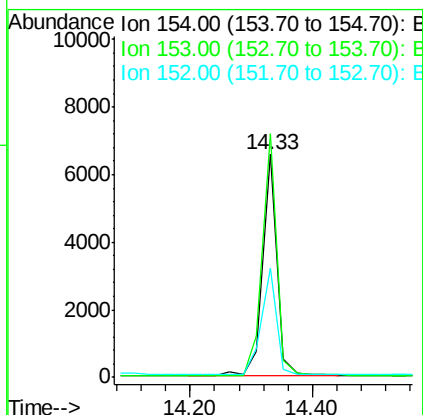
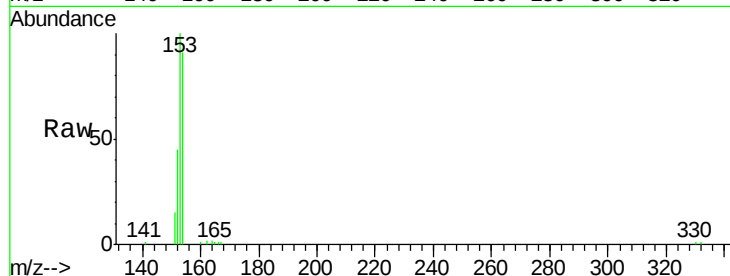




#17
Acenaphthene
Concen: 0.89 ng
RT: 14.33 min Scan# 859
Delta R.T. -0.03 min
Lab File: BM004478.D
Acq: 29 Feb 2016 19:22

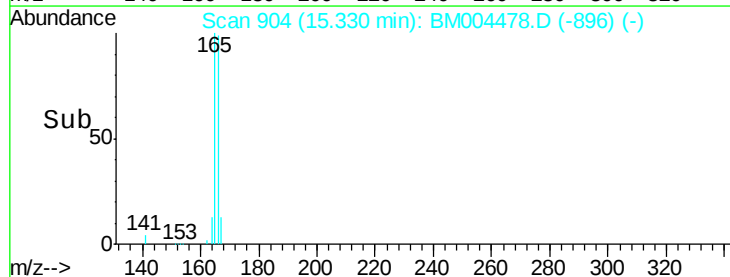
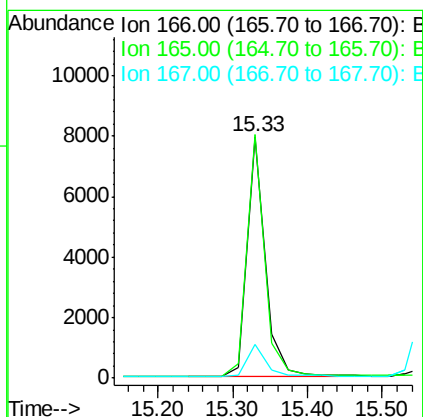
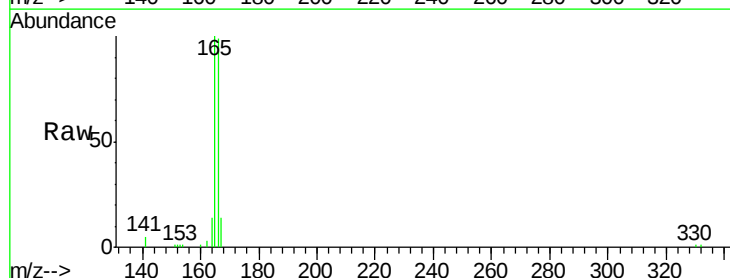
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

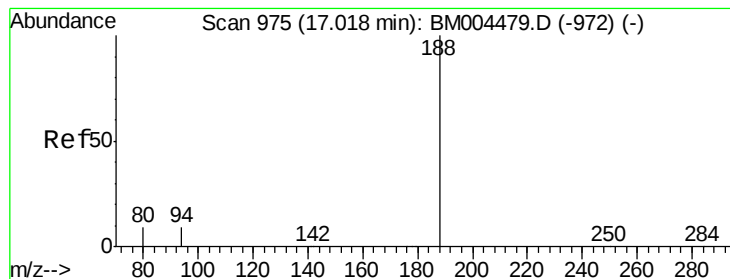
Tgt Ion:154 Resp: 10614
Ion Ratio Lower Upper
154 100
153 111.1 88.0 132.0
152 51.6 41.1 61.7



#18
Fluorene
Concen: 0.91 ng
RT: 15.33 min Scan# 904
Delta R.T. -0.03 min
Lab File: BM004478.D
Acq: 29 Feb 2016 19:22

Tgt Ion:166 Resp: 13250
Ion Ratio Lower Upper
166 100
165 98.8 77.2 115.8
167 13.3 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 974

Delta R.T. -0.04 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

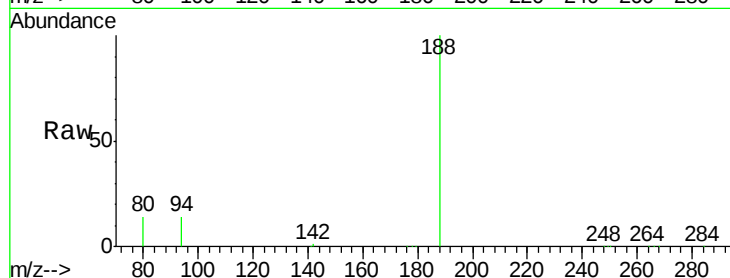
Tgt Ion:188 Resp: 75278

Ion Ratio Lower Upper

188 100

94 14.3 7.4 11.0#

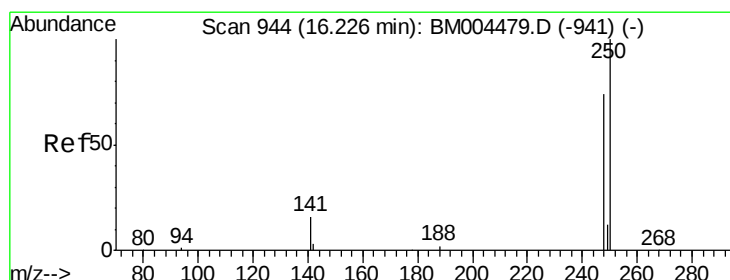
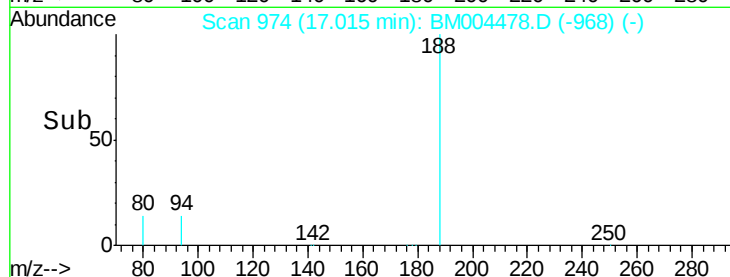
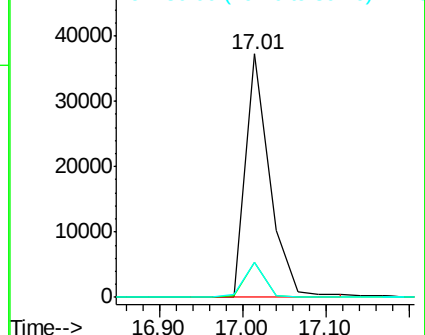
80 14.3 6.9 10.3#



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: 1.28 ng

RT: 16.22 min Scan# 943

Delta R.T. -0.02 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

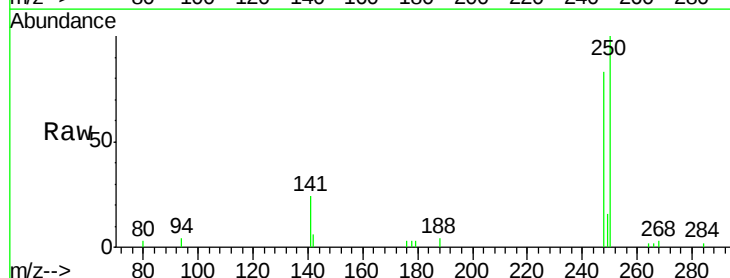
Tgt Ion:248 Resp: 3188

Ion Ratio Lower Upper

248 100

250 109.7 81.5 122.3

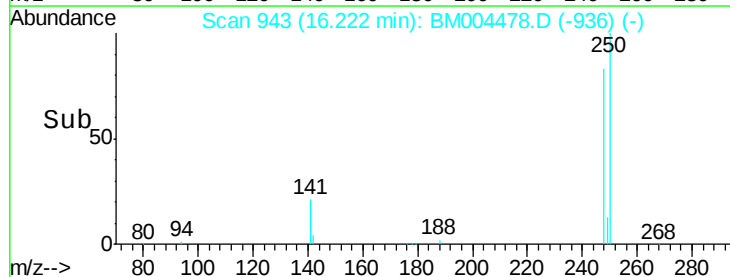
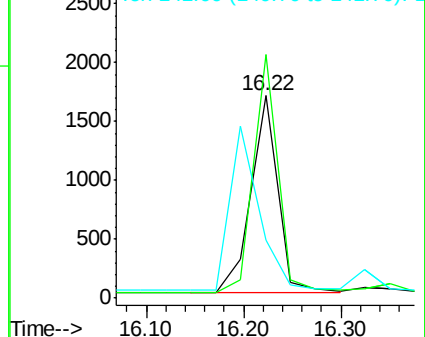
141 0.0 0.0 0.0

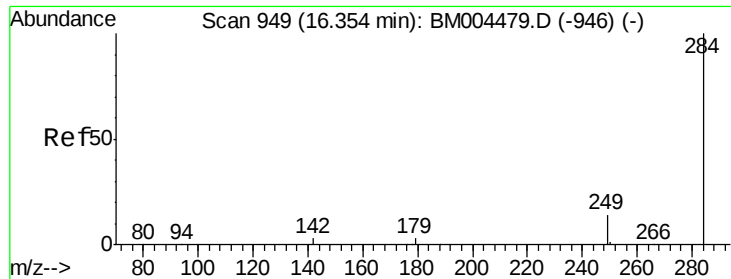


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

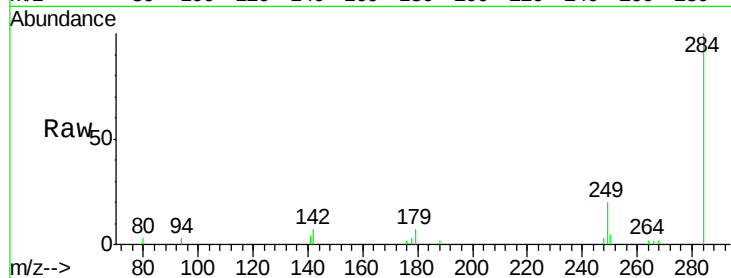




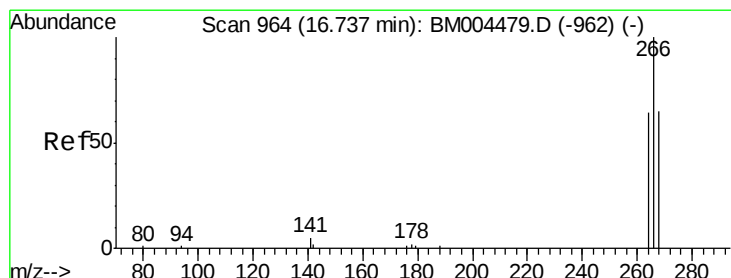
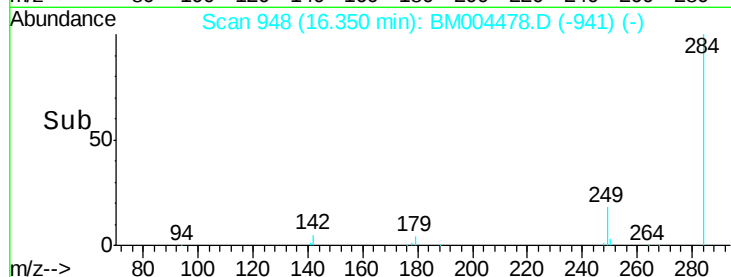
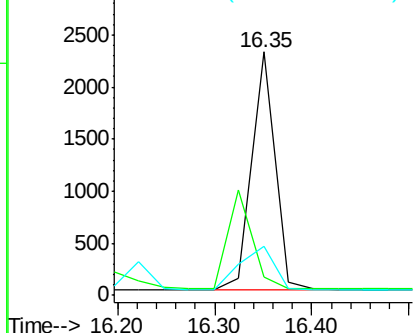
#21
Hexachlorobenzene
Concen: 1.46 ng
RT: 16.35 min Scan# 948
Delta R.T. -0.02 min
Lab File: BM004478.D
Acq: 29 Feb 2016 19:22

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

Tgt Ion: 284 Resp: 3826
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 27.2 0.0 0.0#

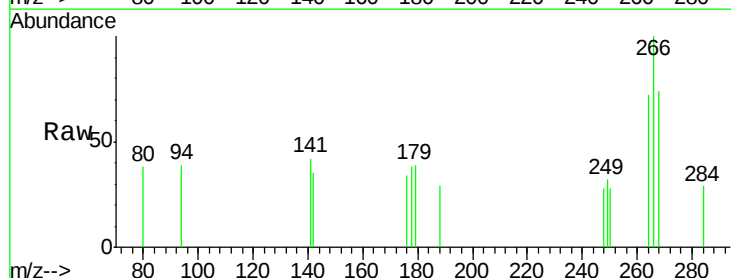


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

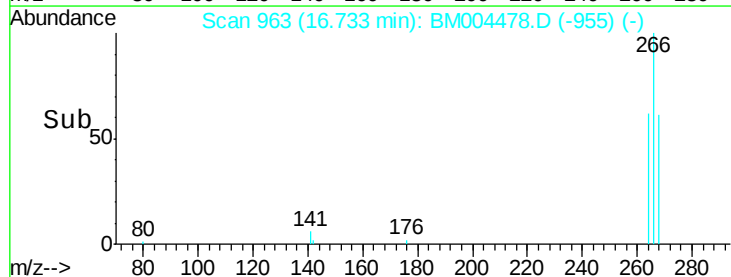
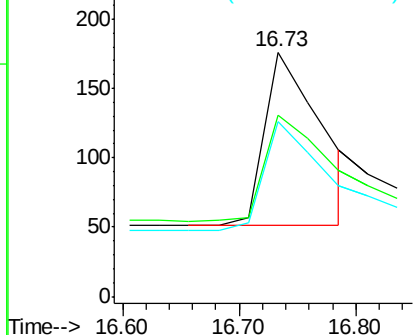


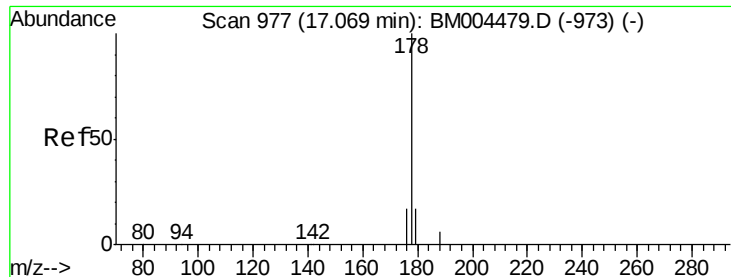
#22
Pentachlorophenol
Concen: 0.64 ng
RT: 16.73 min Scan# 963
Delta R.T. 0.00 min
Lab File: BM004478.D
Acq: 29 Feb 2016 19:22

Tgt Ion: 266 Resp: 422
Ion Ratio Lower Upper
266 100
268 74.4 60.7 91.1
264 71.6 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: 1.27 ng

RT: 17.07 min Scan# 976

Delta R.T. -0.02 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

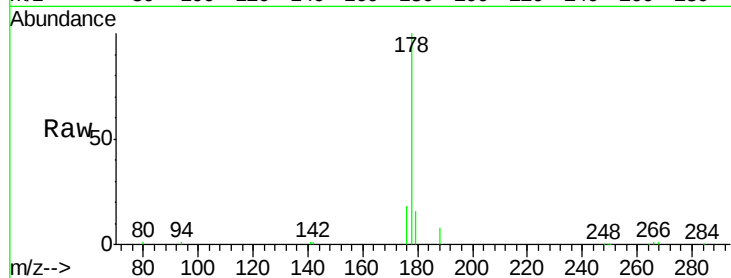
Tgt Ion:178 Resp: 20841

Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

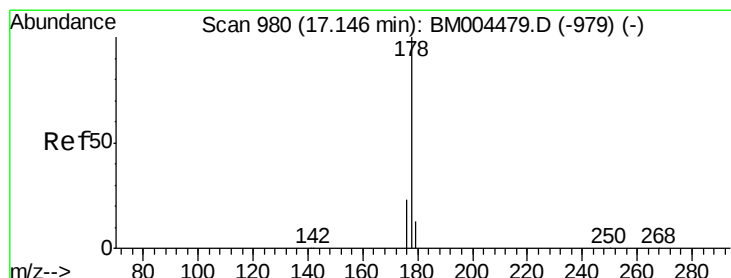
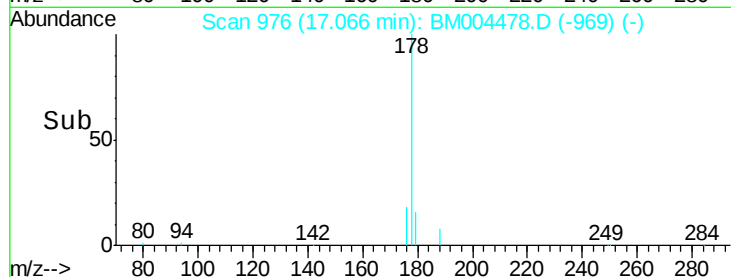
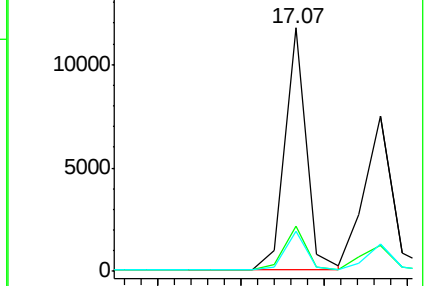
179 15.8 12.9 19.3



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: 0.95 ng

RT: 17.17 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

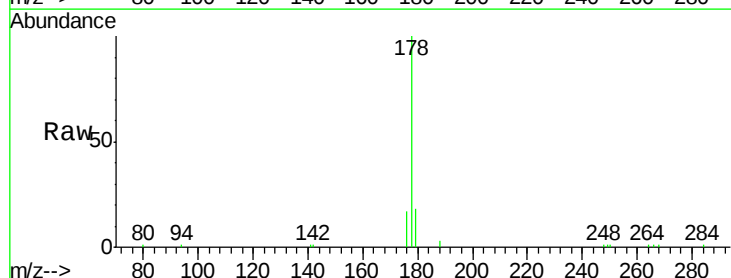
Tgt Ion:178 Resp: 16553

Ion Ratio Lower Upper

178 100

176 18.1 15.9 23.9

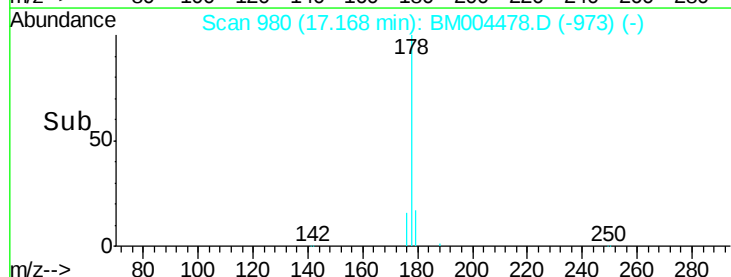
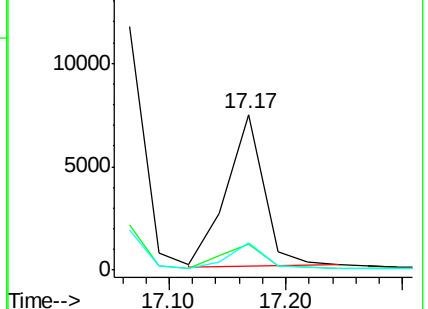
179 15.7 13.9 20.9

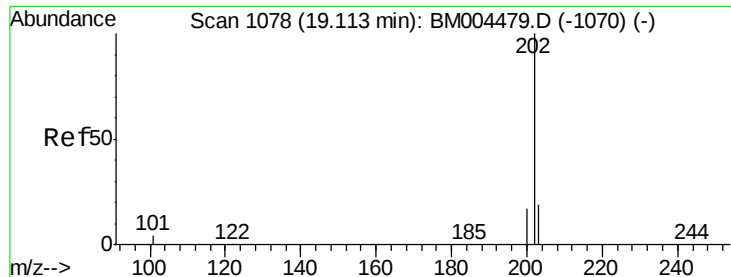


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 1.10 ng

RT: 19.11 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

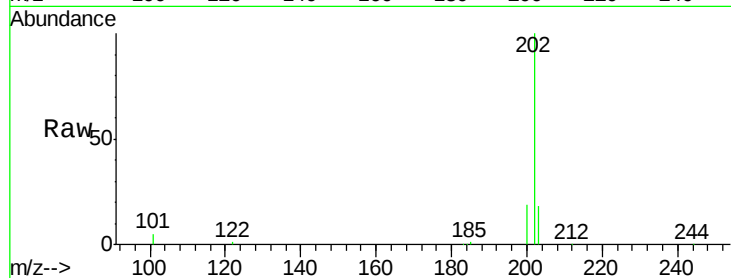
Tgt Ion: 202 Resp: 22641

Ion Ratio Lower Upper

202 100

101 11.9 9.4 14.2

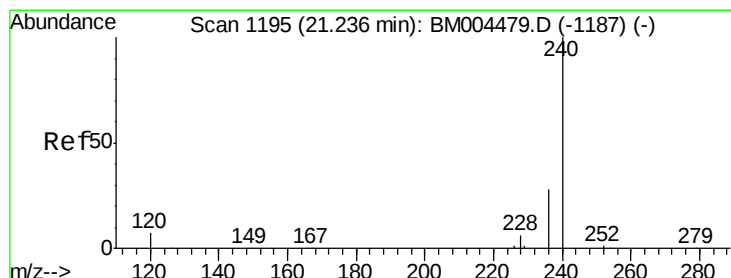
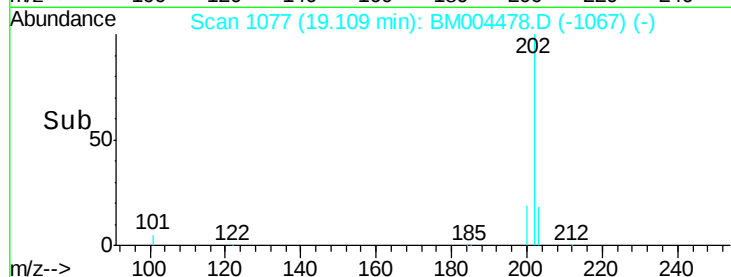
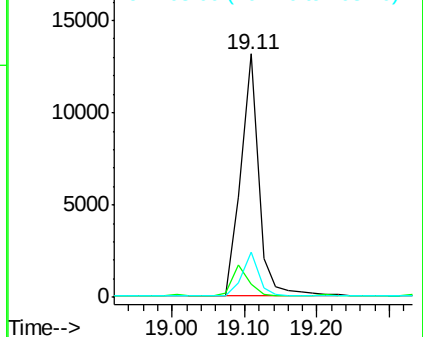
203 17.3 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.23 min Scan# 1194

Delta R.T. -0.03 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

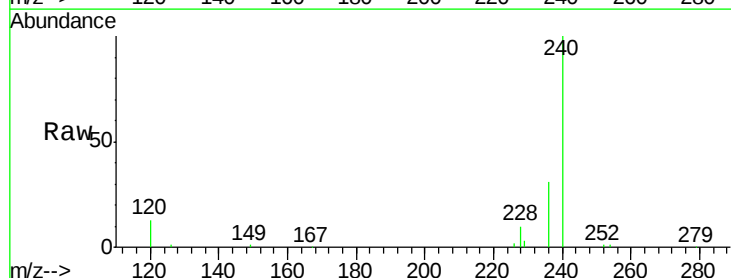
Tgt Ion: 240 Resp: 79180

Ion Ratio Lower Upper

240 100

120 13.3 6.1 9.1#

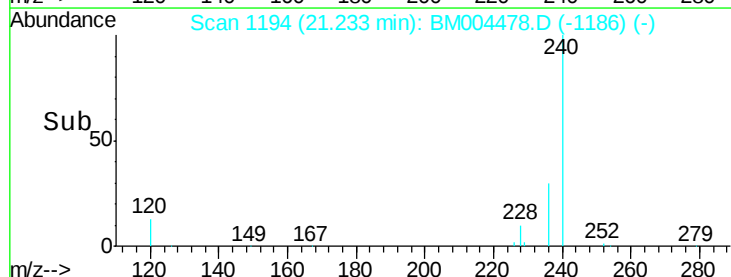
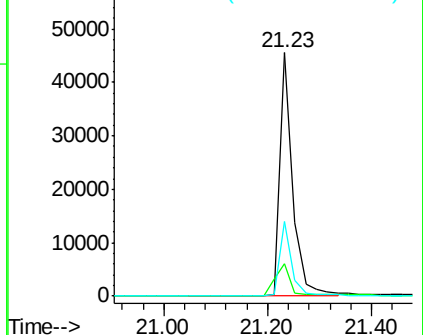
236 30.6 22.6 34.0

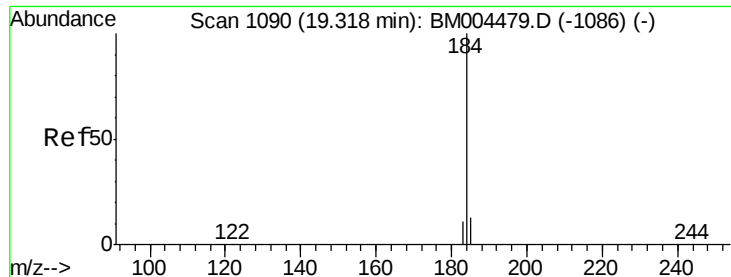


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 1.34 ng

RT: 19.31 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

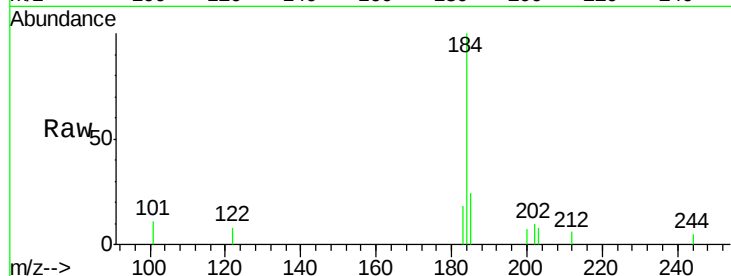
Tgt Ion:184 Resp: 5296

Ion Ratio Lower Upper

184 100

185 24.2 16.6 24.8

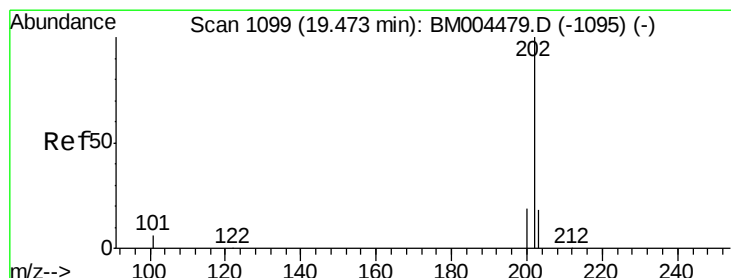
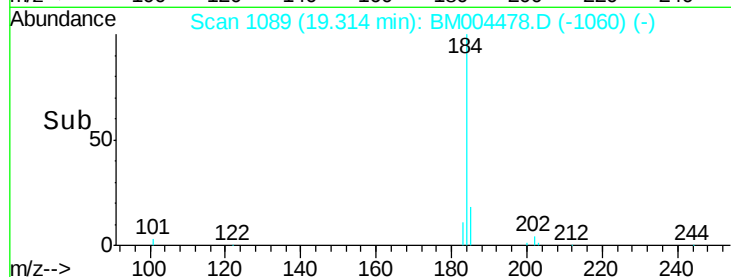
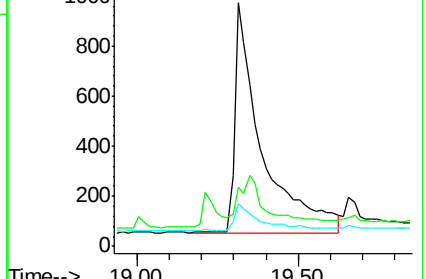
183 17.7 12.3 18.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 1.06 ng

RT: 19.47 min Scan# 1098

Delta R.T. -0.02 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

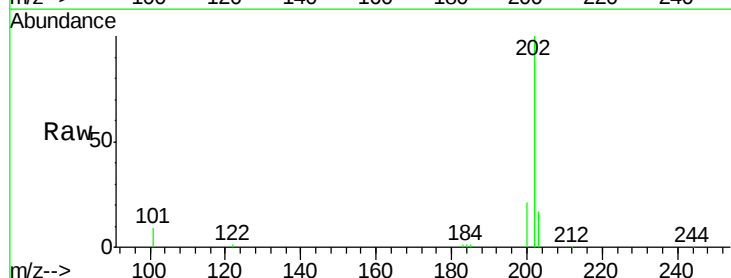
Tgt Ion:202 Resp: 24106

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

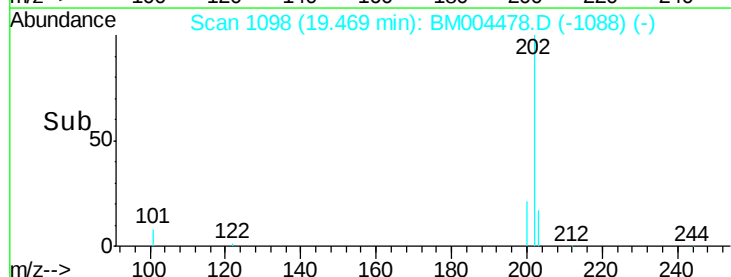
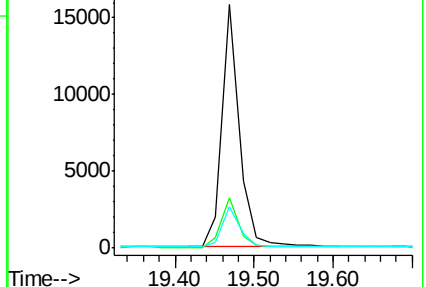
203 17.4 14.1 21.1

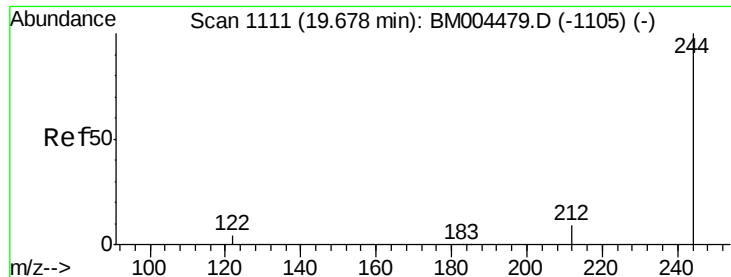


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.77 ng

RT: 19.67 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

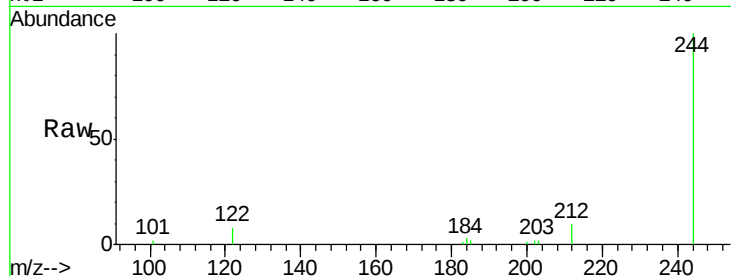
Tgt Ion:244 Resp: 7800

Ion Ratio Lower Upper

244 100

212 10.4 7.5 11.3

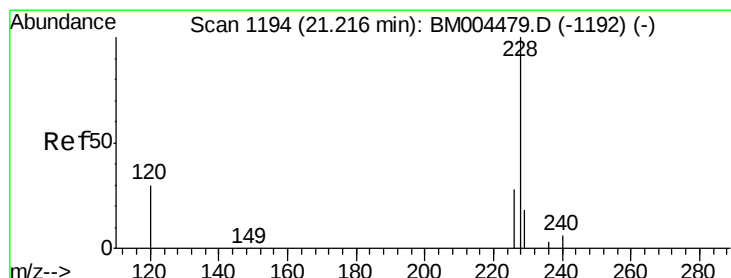
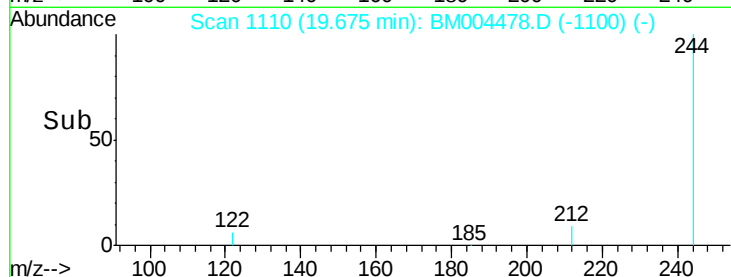
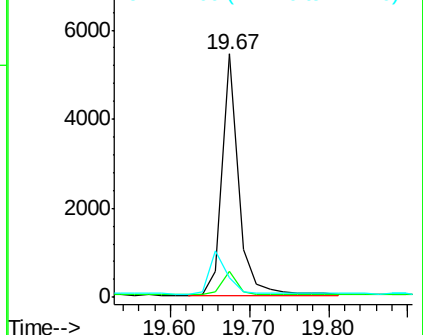
122 8.0 4.2 6.2#



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: 2.13 ng

RT: 21.27 min Scan# 1196

Delta R.T. 0.04 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

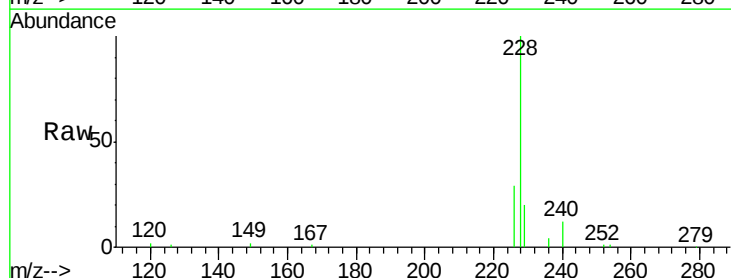
Tgt Ion:228 Resp: 51530

Ion Ratio Lower Upper

228 100

226 29.1 22.8 34.2

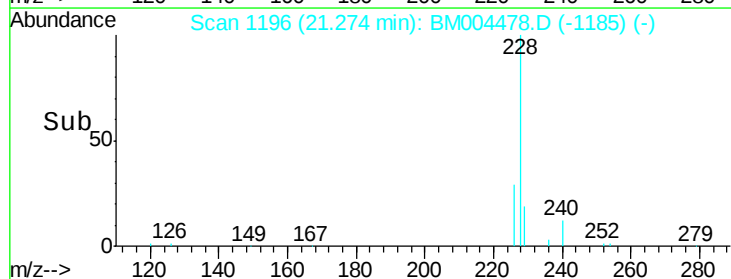
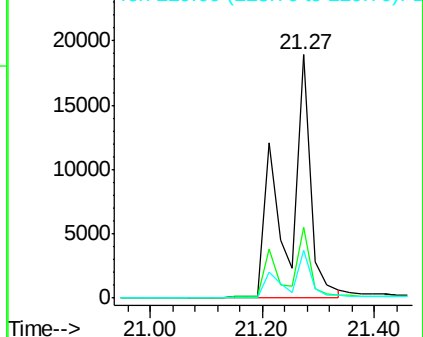
229 19.6 14.6 22.0

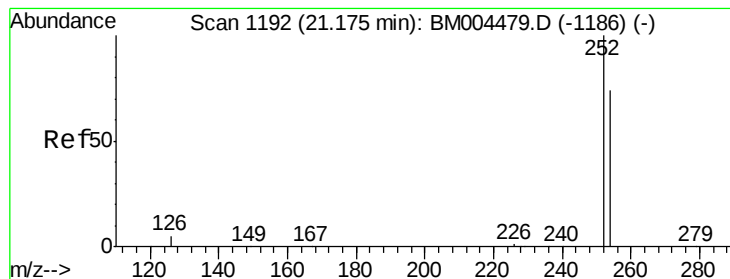


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 2.15 ng

RT: 21.17 min Scan# 1191

Delta R.T. -0.03 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

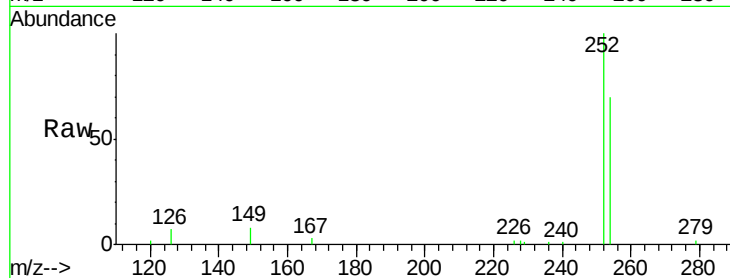
Tgt Ion:252 Resp: 12374

Ion Ratio Lower Upper

252 100

254 69.6 59.4 89.0

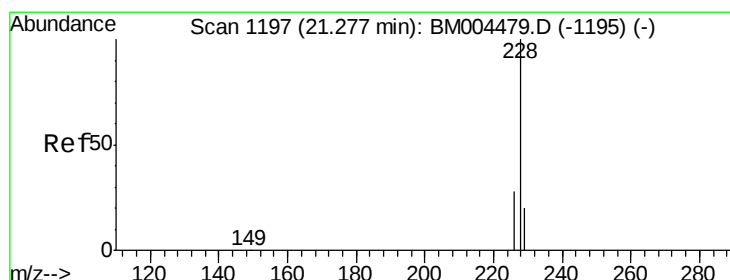
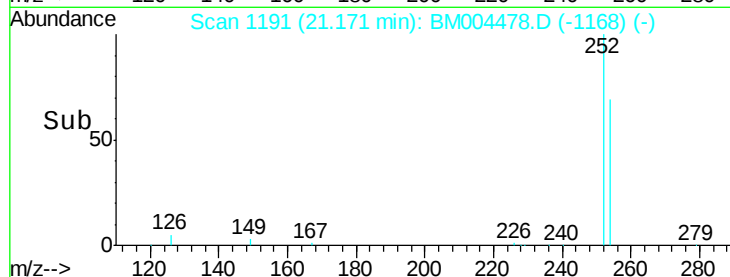
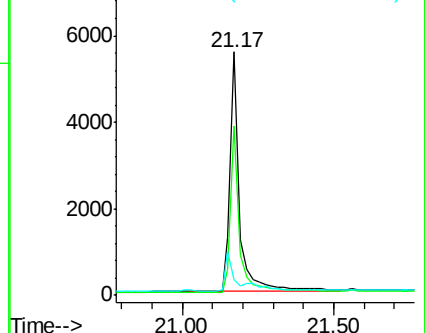
126 6.7 5.5 8.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#32

Chrysene

Concen: 2.36 ng

RT: 21.27 min Scan# 1196

Delta R.T. -0.03 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

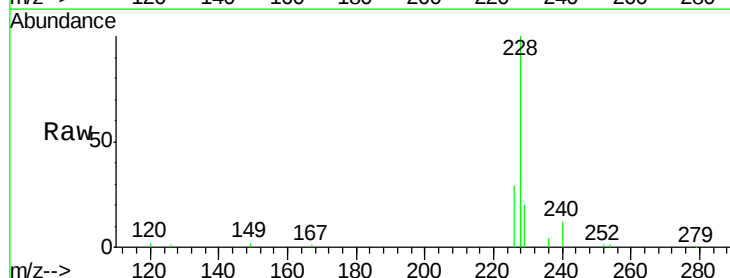
Tgt Ion:228 Resp: 52676

Ion Ratio Lower Upper

228 100

226 29.1 21.4 32.2

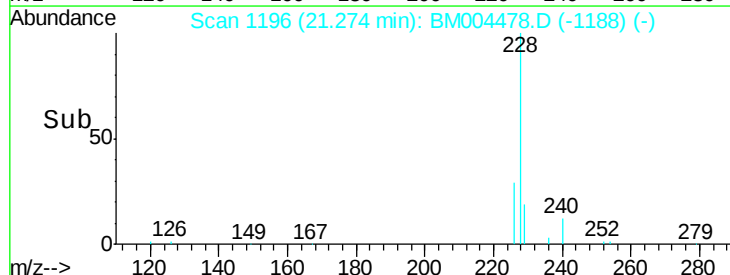
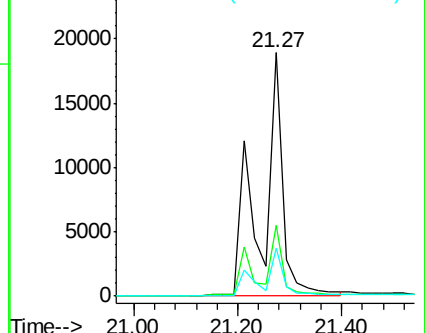
229 19.6 17.1 25.7

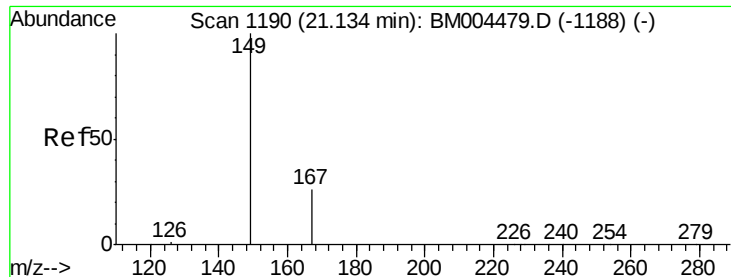


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.84 ng

RT: 21.13 min Scan# 1189

Delta R.T. -0.04 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

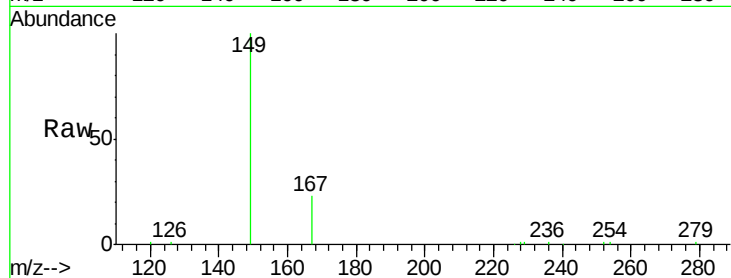
Tgt Ion:149 Resp: 18573

Ion Ratio Lower Upper

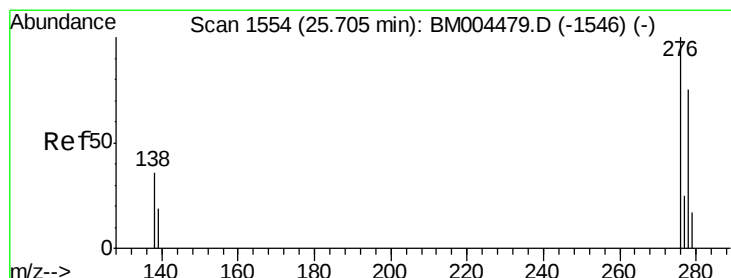
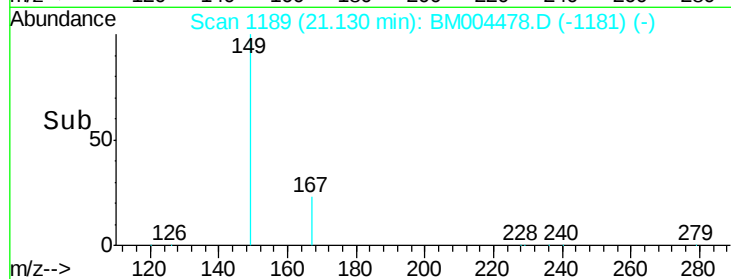
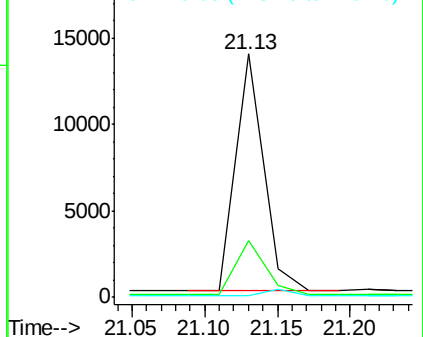
149 100

167 24.8 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: 0.89 ng

RT: 25.70 min Scan# 1553

Delta R.T. -0.04 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

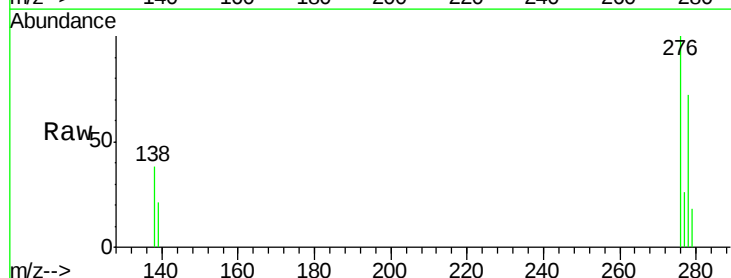
Tgt Ion:276 Resp: 20702

Ion Ratio Lower Upper

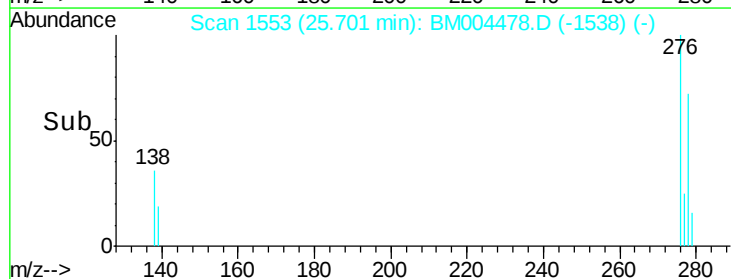
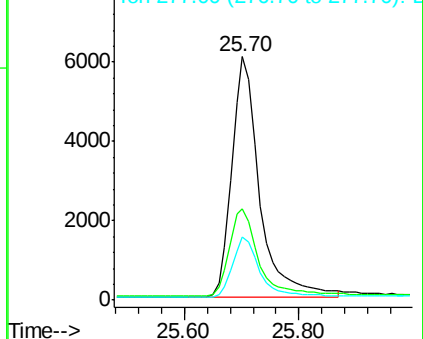
276 100

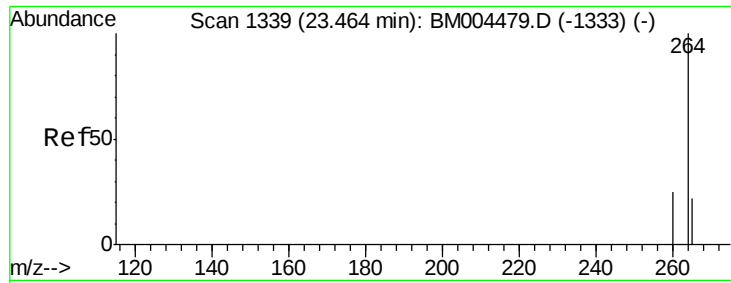
138 38.0 30.4 45.6

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

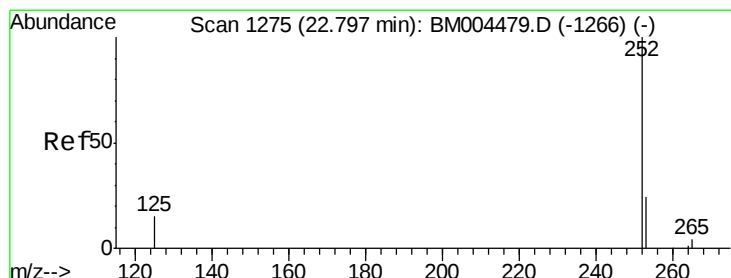
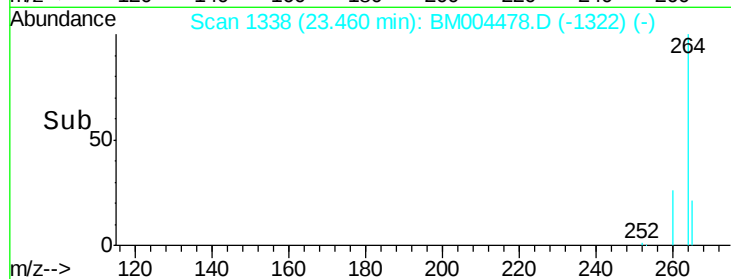
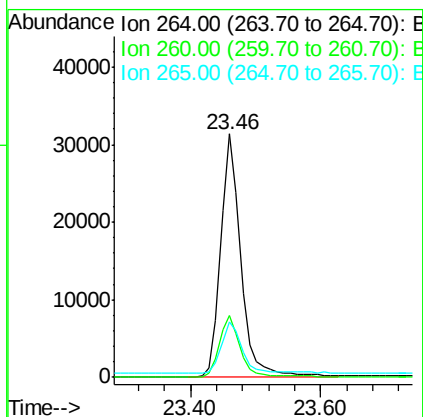
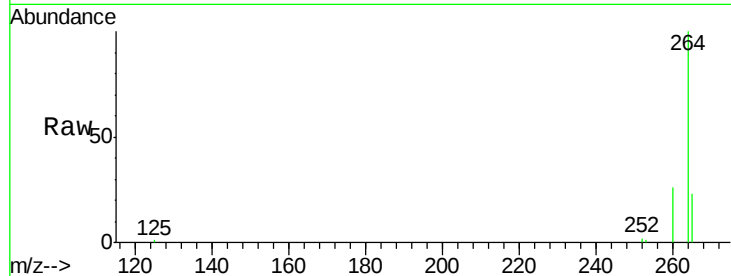




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.46 min Scan# 1338
 Delta R.T. -0.04 min
 Lab File: BM004478.D
 Acq: 29 Feb 2016 19:22

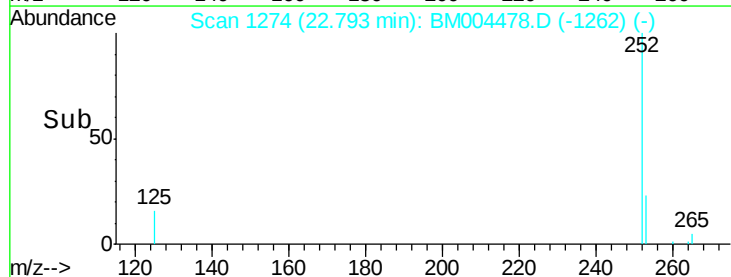
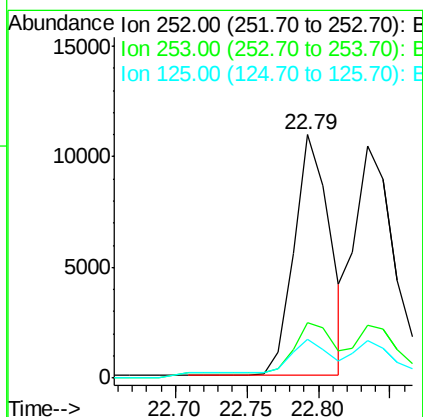
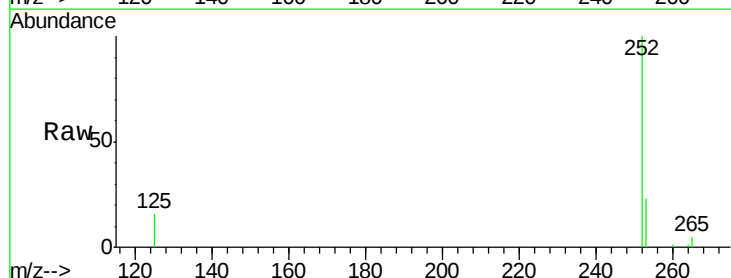
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

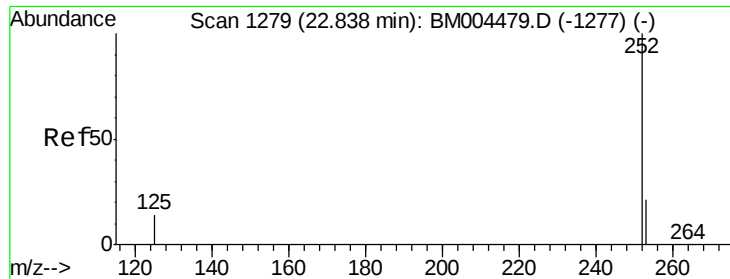
Tgt Ion: 264 Resp: 67081
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.8 29.6
 265 22.6 18.9 28.3



#36
 Benzo(b)fluoranthene
 Concen: 0.89 ng
 RT: 22.79 min Scan# 1274
 Delta R.T. -0.04 min
 Lab File: BM004478.D
 Acq: 29 Feb 2016 19:22

Tgt Ion: 252 Resp: 18840
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.8 28.2
 125 15.9 11.8 17.8





#37

Benzo(k)fluoranthene

Concen: 1.09 ng

RT: 22.83 min Scan# 1278

Delta R.T. -0.04 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

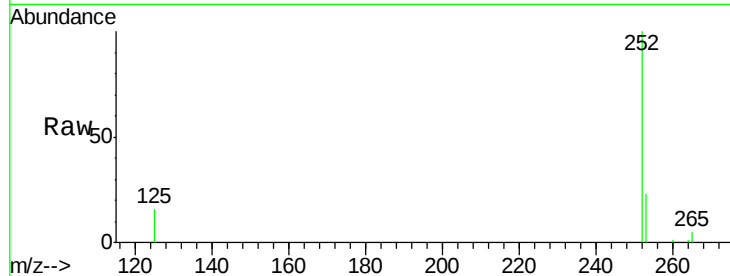
Tgt Ion:252 Resp: 20874

Ion Ratio Lower Upper

252 100

253 22.6 18.3 27.5

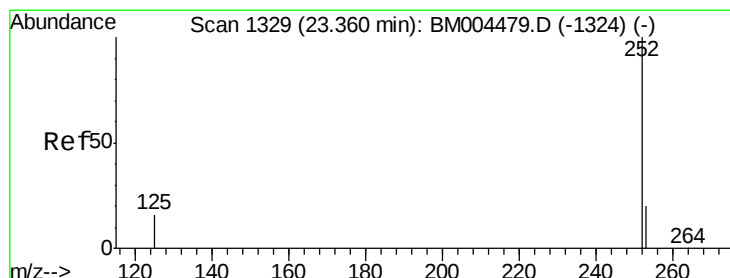
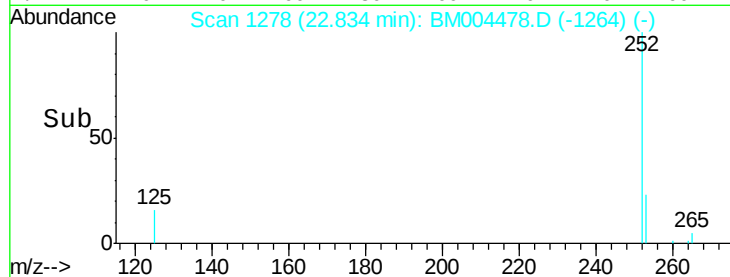
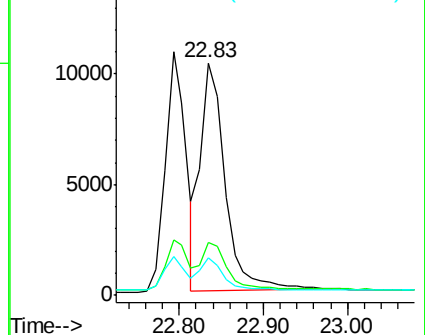
125 16.1 12.2 18.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 1.02 ng

RT: 23.37 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

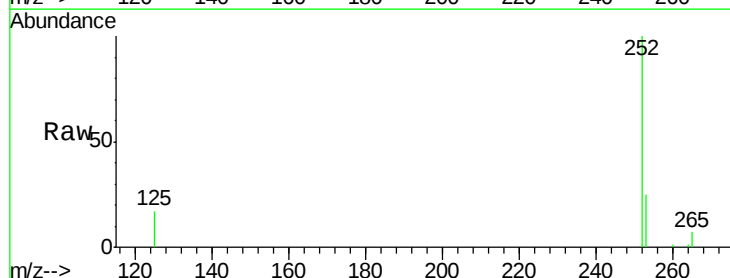
Tgt Ion:252 Resp: 18978

Ion Ratio Lower Upper

252 100

253 24.7 18.0 27.0

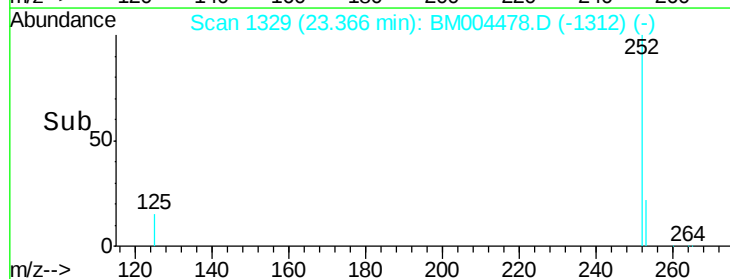
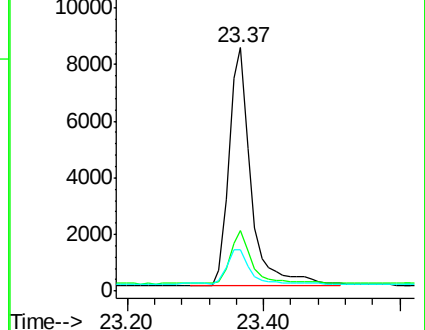
125 17.1 14.3 21.5

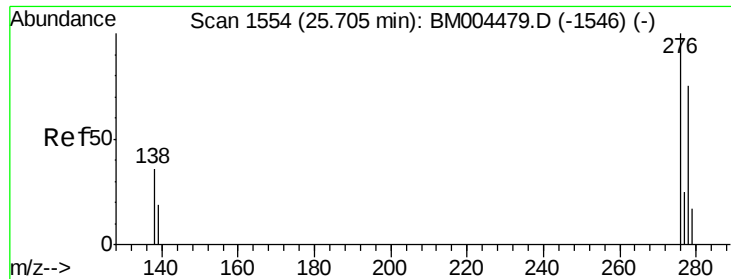


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.98 ng

RT: 25.71 min Scan# 1554

Delta R.T. -0.04 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

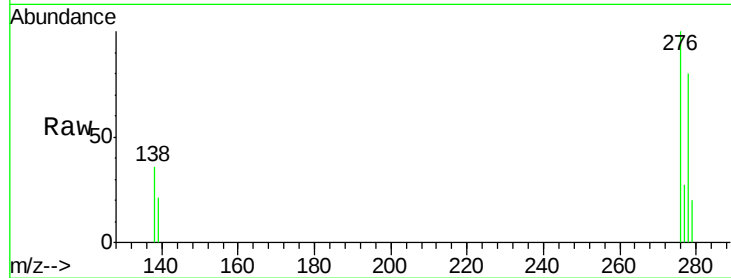
Tgt Ion: 278 Resp: 16262

Ion Ratio Lower Upper

278 100

139 26.2 21.2 31.8

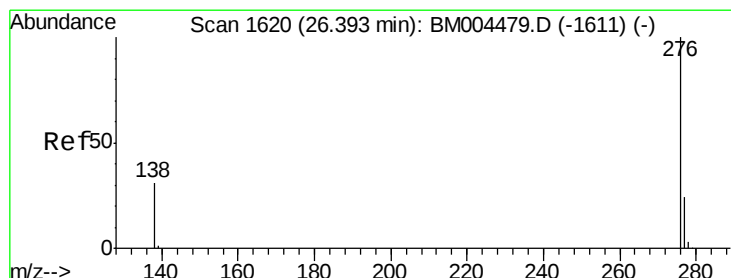
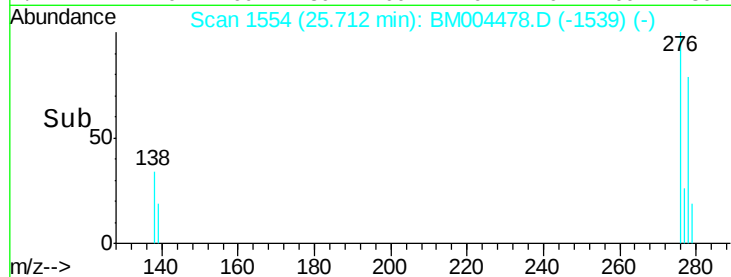
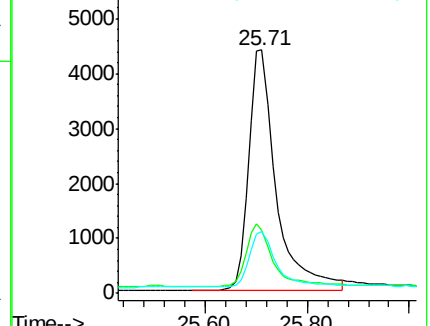
279 25.6 19.6 29.4



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: 0.98 ng

RT: 26.39 min Scan# 1619

Delta R.T. -0.04 min

Lab File: BM004478.D

Acq: 29 Feb 2016 19:22

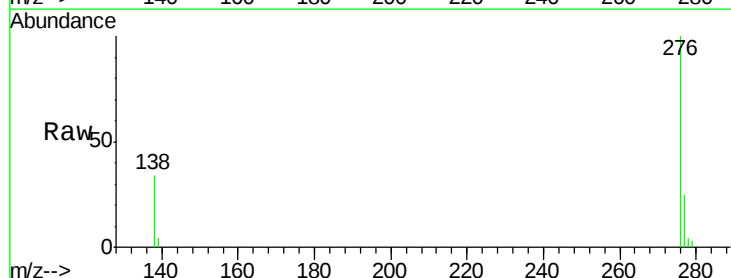
Tgt Ion: 276 Resp: 17811

Ion Ratio Lower Upper

276 100

277 24.5 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

