

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022916\
 Data File : BM004482.D
 Acq On : 29 Feb 2016 21:47
 Operator : SJ/UM
 Sample : SSTDICC010
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Quant Time: Mar 01 00:31:02 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	7.60	152	18421	5.00	ng	-0.06
7) Naphthalene-d8	10.39	136	73962	5.00	ng	-0.04
13) Acenaphthene-d10	14.26	164	39232	5.00	ng	-0.03
19) Phenanthrene-d10	17.01	188	81728	5.00	ng	-0.04
26) Chrysene-d12	21.23	240	69977	5.00	ng	-0.03
35) Perylene-d12	23.46	264	67354	5.00	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	43853	11.32	ng	-0.05
5) Phenol-d6	6.80	99	55174	11.83	ng	-0.04
8) Nitrobenzene-d5	8.77	82	42148	12.87	ng	-0.04
14) 2,4,6-Tribromophenol	15.77	330	15899	13.79	ng	-0.04
15) 2-Fluorobiphenyl	12.88	172	118765	9.87	ng	-0.04
29) Terphenyl-d14	19.67	244	103307	11.49	ng	-0.03

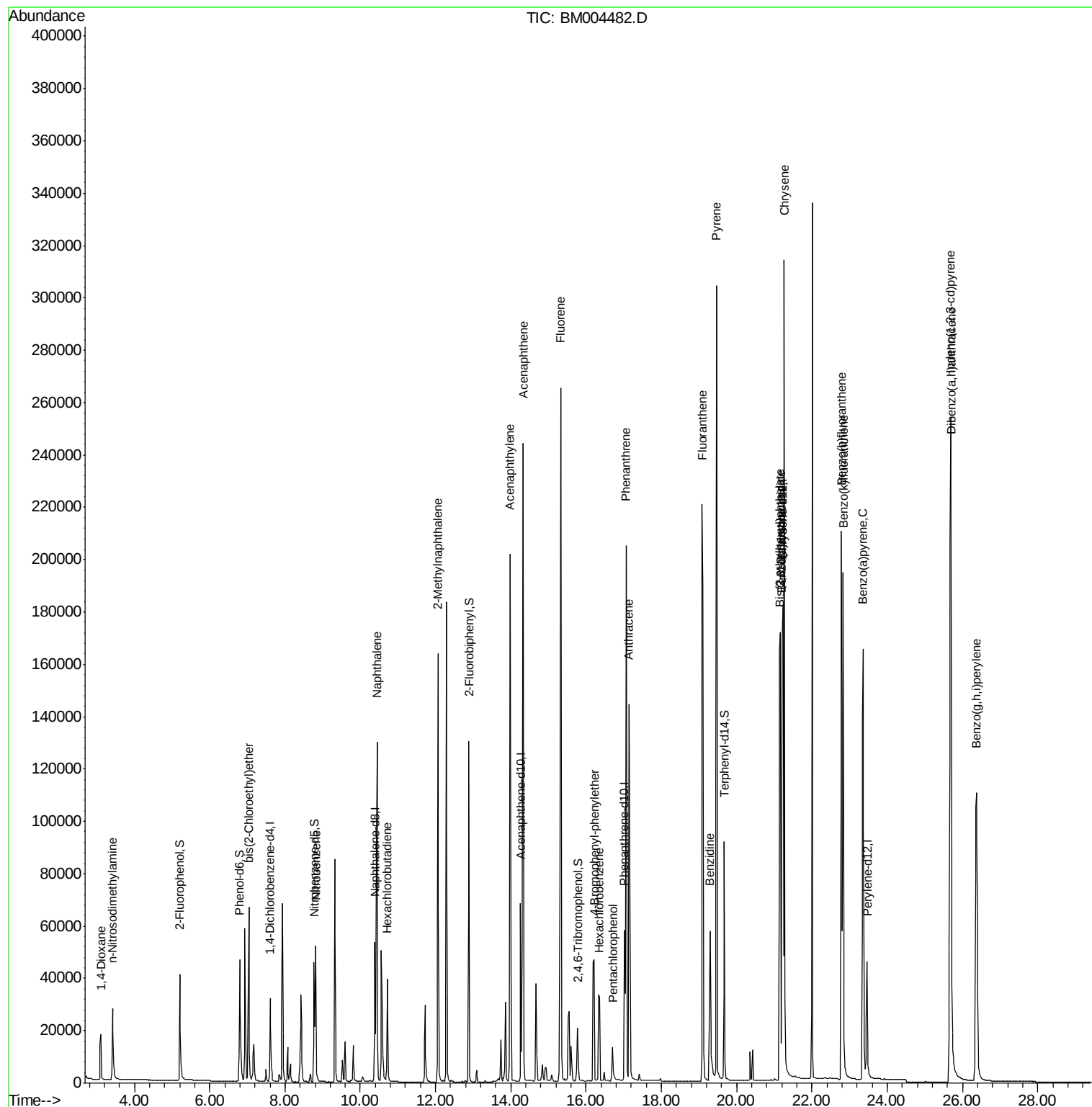
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	15881	7.86	ng	89
3) n-Nitrosodimethylamine	3.41	42	18947	11.44	ng	98
6) bis(2-Chloroethyl)ether	7.04	93	54385	12.49	ng	97
9) Nitrobenzene	8.82	77	58632	15.49	ng	97
10) Naphthalene	10.44	128	205046	11.74	ng	97
11) Hexachlorobutadiene	10.72	225	33236	12.29	ng	100
12) 2-Methylnaphthalene	12.07	142	133198	11.72	ng	95
16) Acenaphthylene	13.97	152	248473	14.43	ng	100
17) Acenaphthene	14.33	154	143487	11.12	ng	99
18) Fluorene	15.33	166	183205	11.65	ng	99
20) 4-Bromophenyl-phenylether	16.22	248	38764	14.36	ng	# 90
21) Hexachlorobenzene	16.35	284	47386	16.62	ng	# 100
22) Pentachlorophenol	16.70	266	13079	18.34	ng	88
23) Phenanthrene	17.06	178	268588	15.06	ng	99
24) Anthracene	17.14	178	238024	12.64	ng	97
25) Fluoranthene	19.09	202	299493	13.37	ng	100
27) Benzidine	19.29	184	111492	31.88	ng	# 88
28) Pyrene	19.47	202	311586	15.46	ng	100
30) Benzo(a)anthracene	21.21	228	256707	11.99	ng	91
31) 3,3'-Dichlorobenzidine	21.16	252	169394	33.34	ng	# 98
32) Chrysene	21.27	228	284470	14.45	ng	94
33) Bis(2-ethylhexyl)phthalate	21.14	149	179015	20.02	ng	# 97
34) Indeno(1,2,3-cd)pyrene	25.68	276	274374	13.31	ng	100
36) Benzo(b)fluoranthene	22.79	252	276363	13.07	ng	96
37) Benzo(k)fluoranthene	22.83	252	254487	13.25	ng	97
38) Benzo(a)pyrene	23.36	252	245128	13.14	ng	96
39) Dibenzo(a,h)anthracene	25.69	278	220006	13.16	ng	96
40) Benzo(g,h,i)perylene	26.37	276	233185	12.77	ng	98

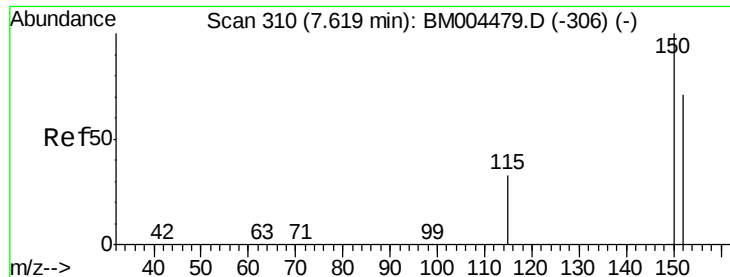
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022916\
Data File : BM004482.D
Acq On : 29 Feb 2016 21:47
Operator : SJ/UM
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Mar 01 00:31:02 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 309

Delta R.T. -0.06 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

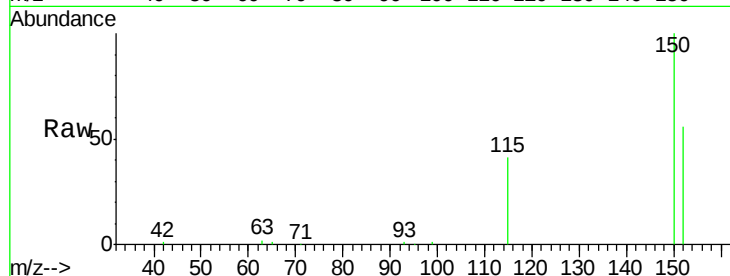
Tgt Ion:152 Resp: 18421

Ion Ratio Lower Upper

152 100

150 177.3 111.9 167.9#

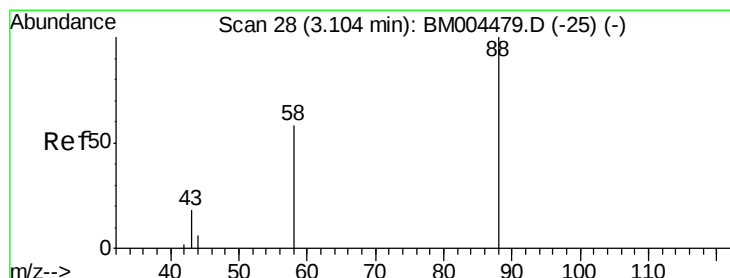
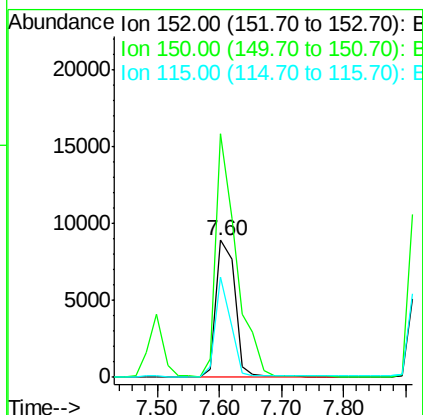
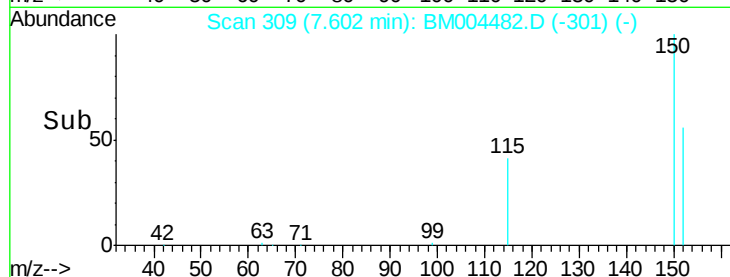
115 73.5 37.7 56.5#



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: 7.86 ng

RT: 3.10 min Scan# 28

Delta R.T. -0.05 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

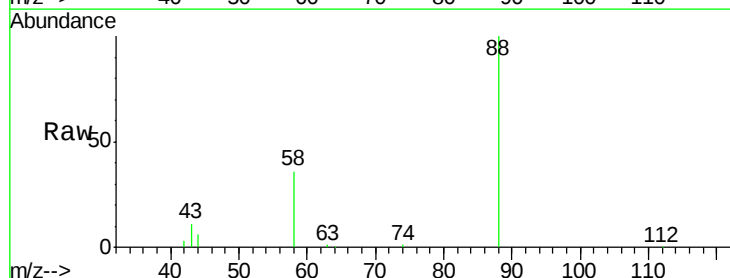
Tgt Ion: 88 Resp: 15881

Ion Ratio Lower Upper

88 100

58 67.2 45.4 68.0

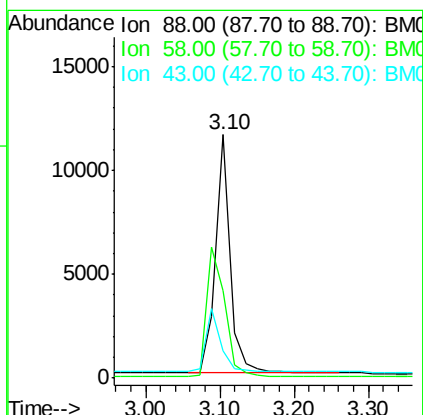
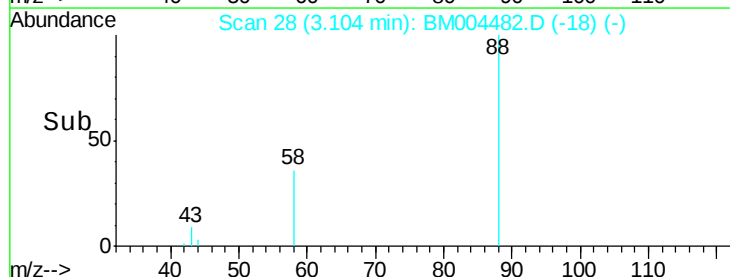
43 26.6 19.3 28.9

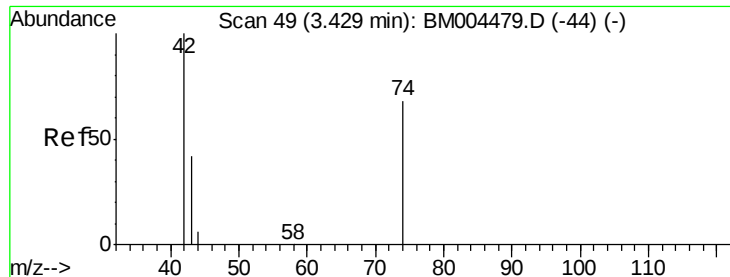


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 11.44 ng

RT: 3.41 min Scan# 48

Delta R.T. -0.06 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

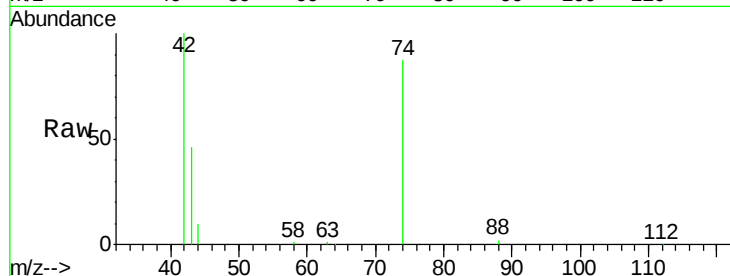
Tgt Ion: 42 Resp: 18947

Ion Ratio Lower Upper

42 100

74 149.3 117.8 176.8

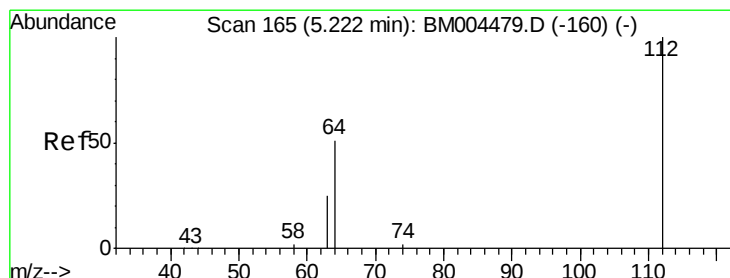
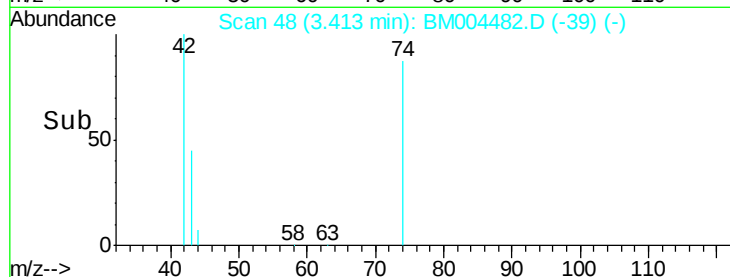
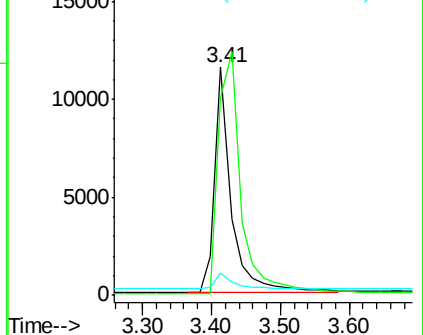
44 6.8 6.1 9.1



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: 11.32 ng

RT: 5.21 min Scan# 164

Delta R.T. -0.05 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

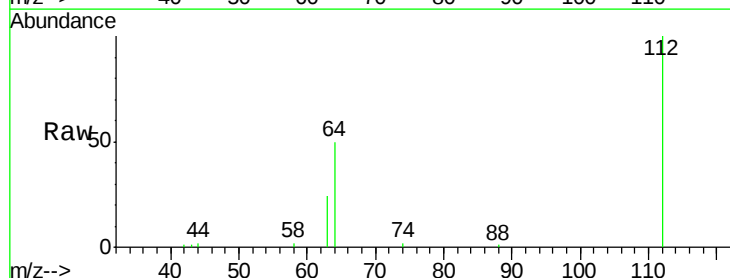
Tgt Ion: 112 Resp: 43853

Ion Ratio Lower Upper

112 100

64 48.4 39.6 59.4

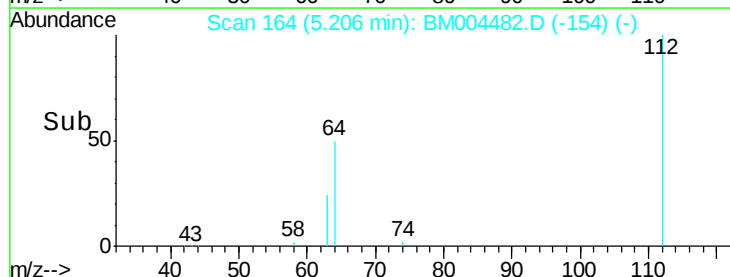
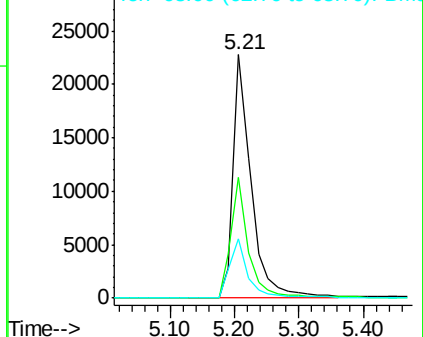
63 24.5 20.0 30.0

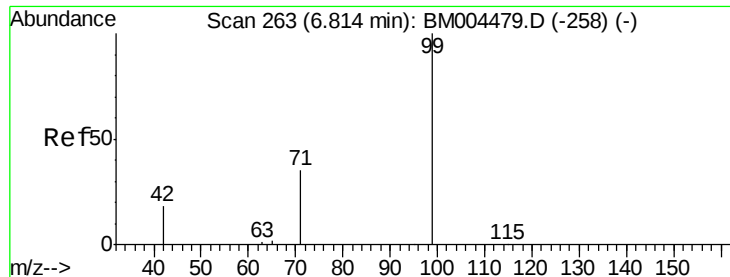


Abundance Ion 112.00 (111.70 to 112.70): BM004479.D (-160) (-)

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: 11.83 ng

RT: 6.80 min Scan# 262

Delta R.T. -0.04 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

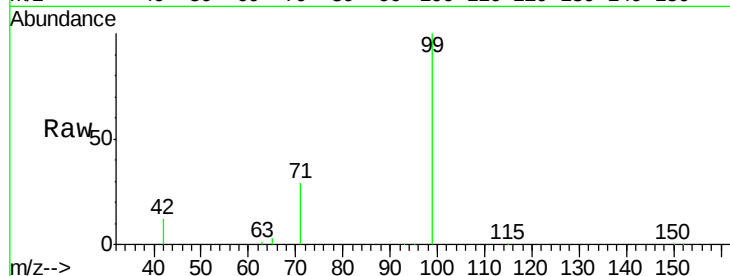
Tgt Ion: 99 Resp: 55174

Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.2

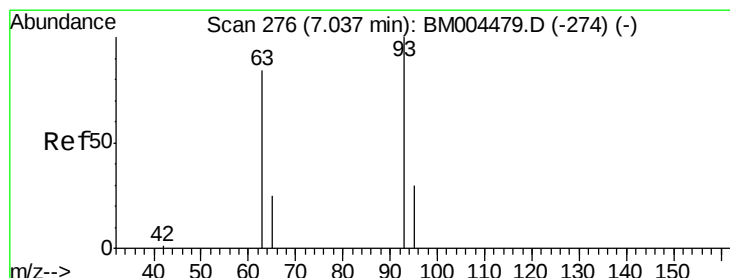
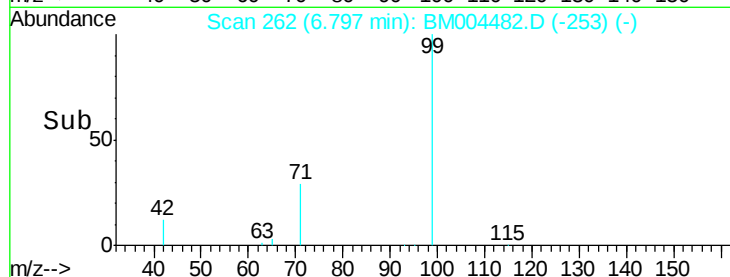
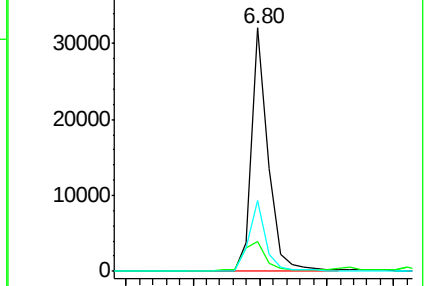
71 29.0 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM004482.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM004482.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM004482.D (-253) (-)



#6

bis(2-Chloroethyl)ether

Concen: 12.49 ng

RT: 7.04 min Scan# 276

Delta R.T. -0.04 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

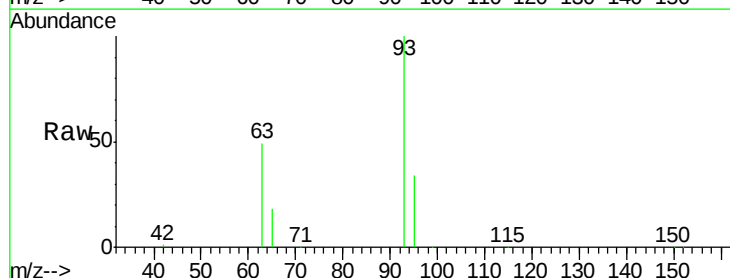
Tgt Ion: 93 Resp: 54385

Ion Ratio Lower Upper

93 100

63 67.4 51.7 77.5

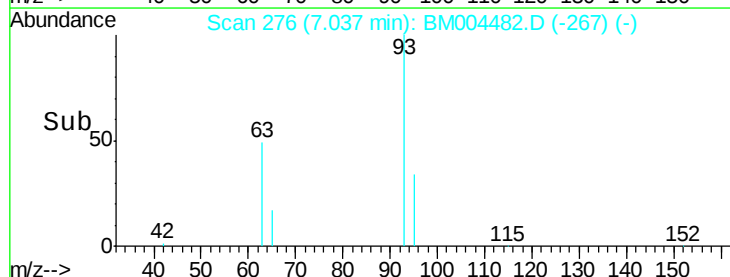
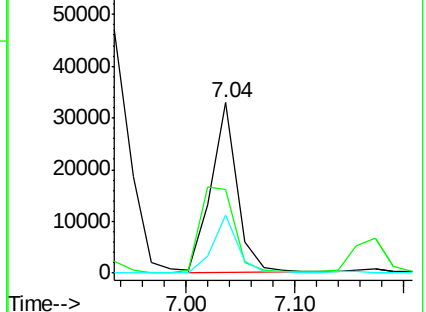
95 32.9 25.4 38.2

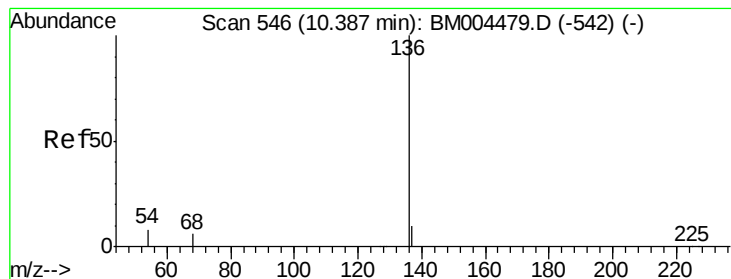


Abundance Ion 93.00 (92.70 to 93.70): BM004482.D (-267) (-)

Ion 63.00 (62.70 to 63.70): BM004482.D (-267) (-)

Ion 95.00 (94.70 to 95.70): BM004482.D (-267) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. -0.04 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 73962

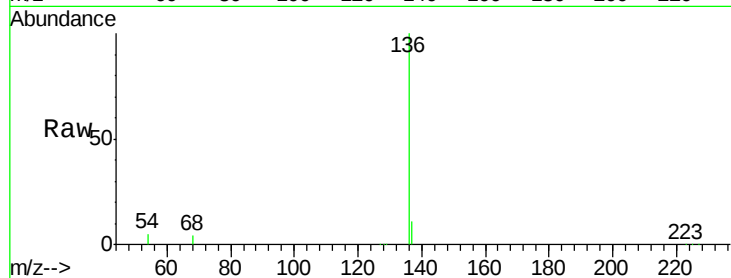
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.2

54 4.7 6.4 9.6#

68 4.0 5.0 7.4#

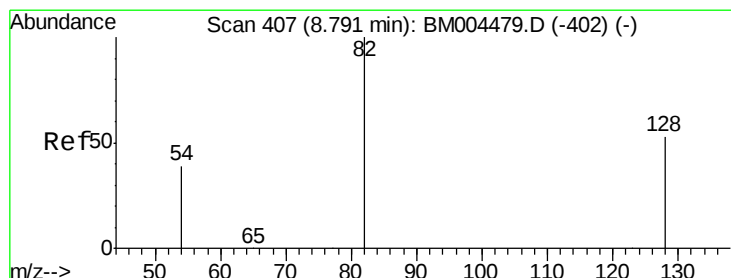
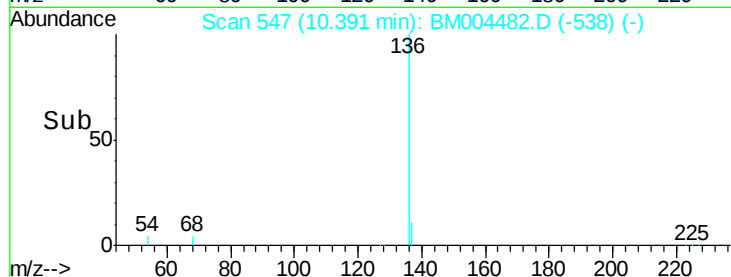
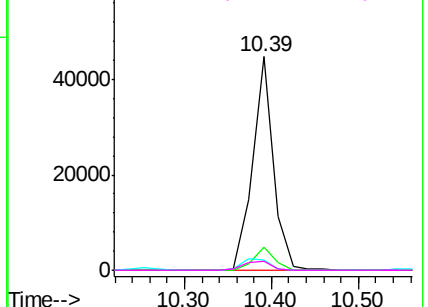


Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.87 ng

RT: 8.77 min Scan# 406

Delta R.T. -0.04 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

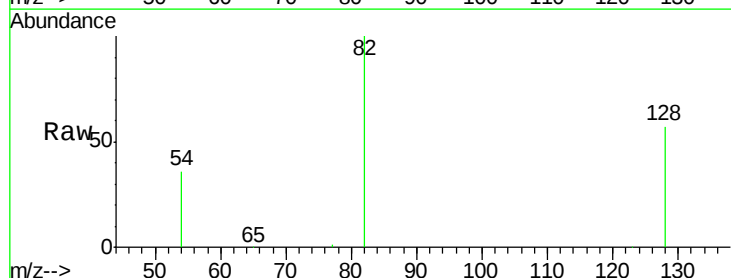
Tgt Ion: 82 Resp: 42148

Ion Ratio Lower Upper

82 100

128 57.0 43.7 65.5

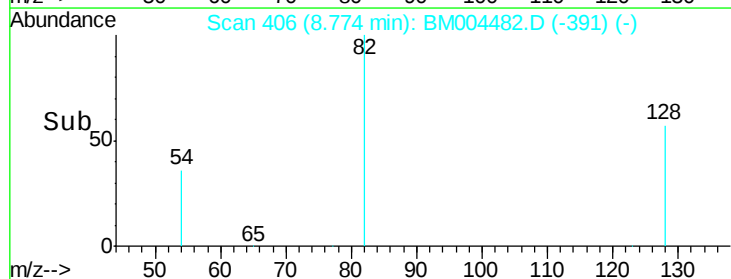
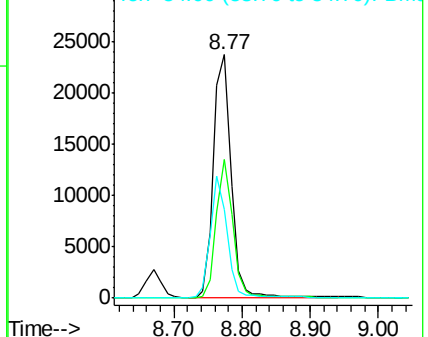
54 36.2 33.5 50.3

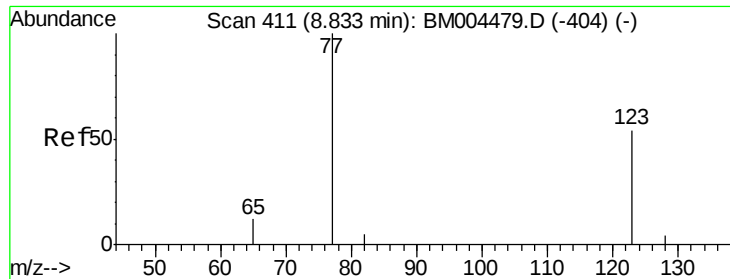


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 15.49 ng

RT: 8.82 min Scan# 410

Delta R.T. -0.04 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

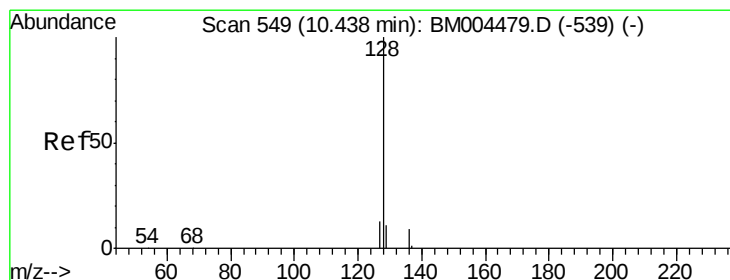
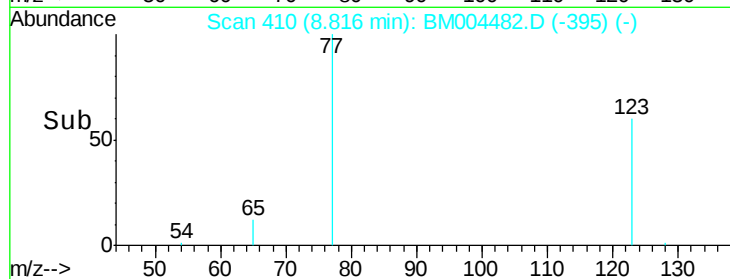
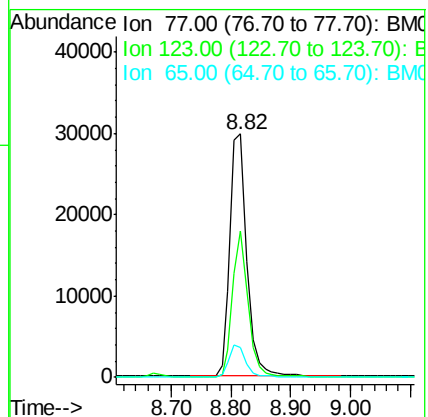
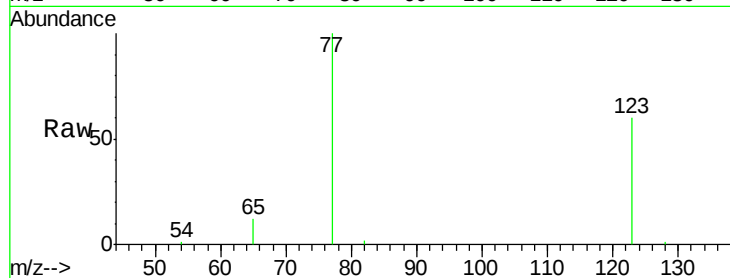
Tgt Ion: 77 Resp: 58632

Ion Ratio Lower Upper

77 100

123 55.1 42.2 63.2

65 12.7 10.0 15.0



#10

Naphthalene

Concen: 11.74 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.04 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

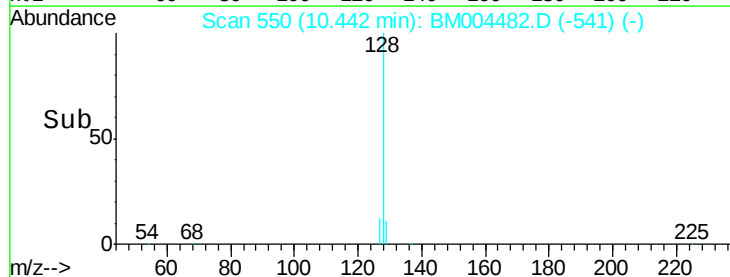
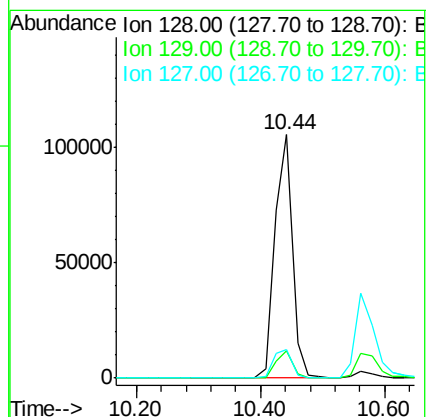
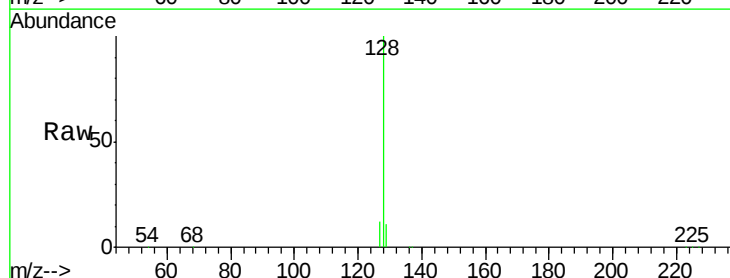
Tgt Ion: 128 Resp: 205046

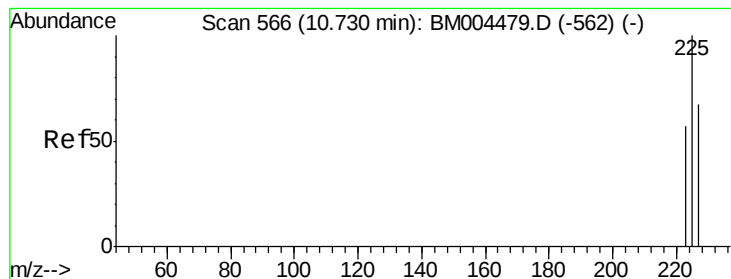
Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

127 11.6 10.9 16.3





#11

Hexachlorobutadiene

Concen: 12.29 ng

RT: 10.72 min Scan# 566

Delta R.T. -0.05 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

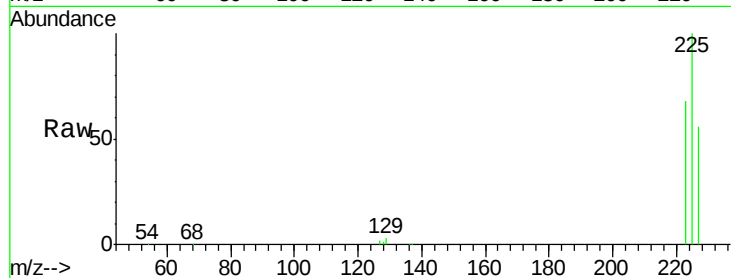
Tgt Ion:225 Resp: 33236

Ion Ratio Lower Upper

225 100

223 62.5 50.2 75.4

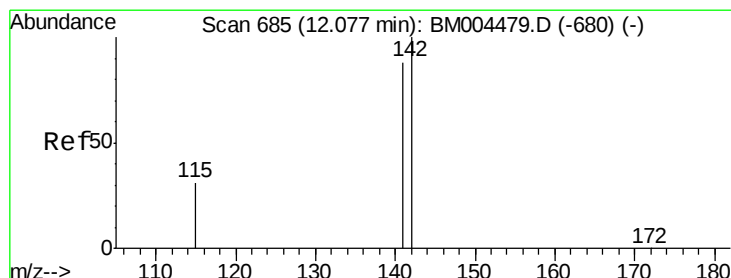
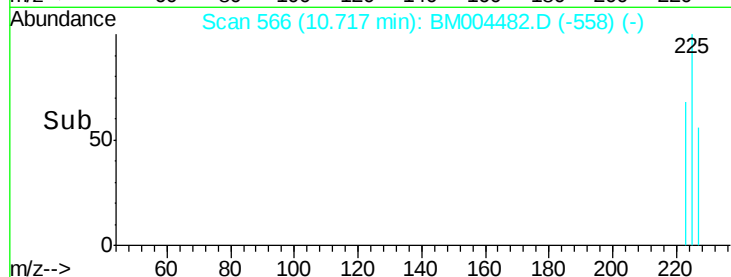
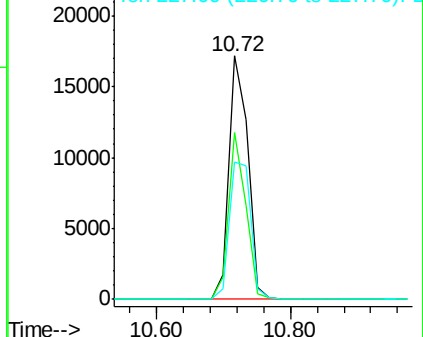
227 63.5 50.6 75.8



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 11.72 ng

RT: 12.07 min Scan# 685

Delta R.T. -0.04 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

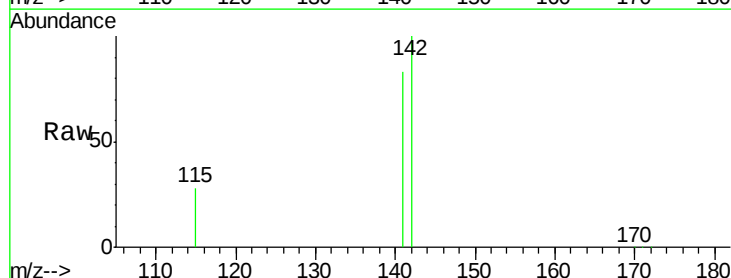
Tgt Ion:142 Resp: 133198

Ion Ratio Lower Upper

142 100

141 83.3 70.2 105.2

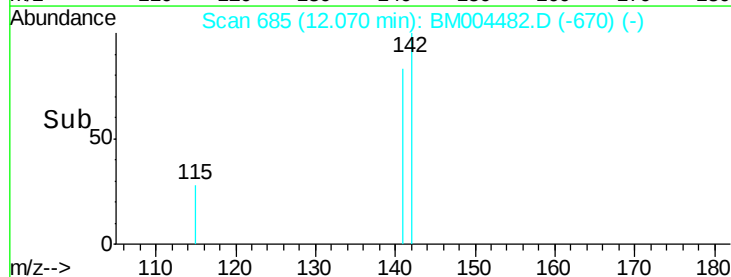
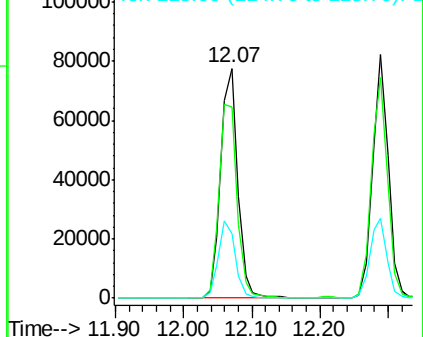
115 28.2 25.8 38.6

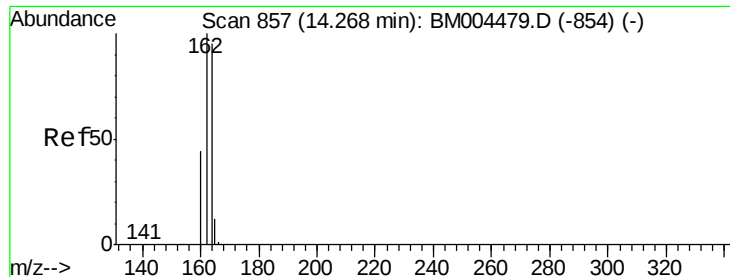


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. -0.03 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

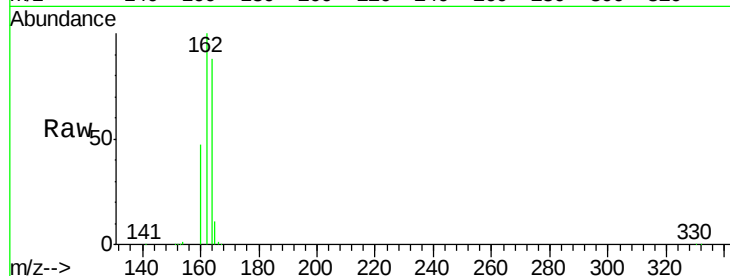
Tgt Ion:164 Resp: 39232

Ion Ratio Lower Upper

164 100

162 113.5 84.2 126.4

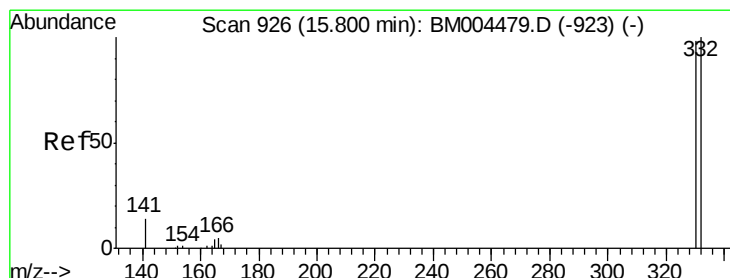
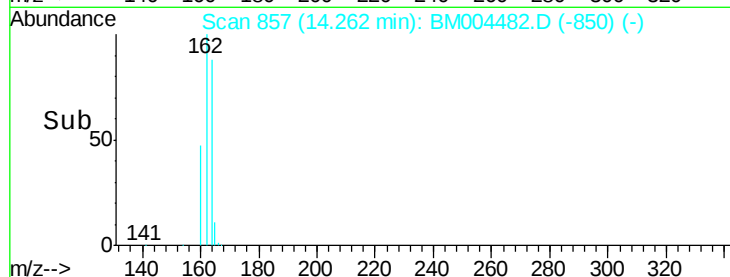
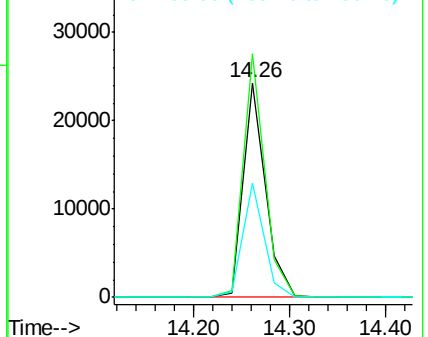
160 53.0 37.4 56.2



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: 13.79 ng

RT: 15.77 min Scan# 925

Delta R.T. -0.04 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

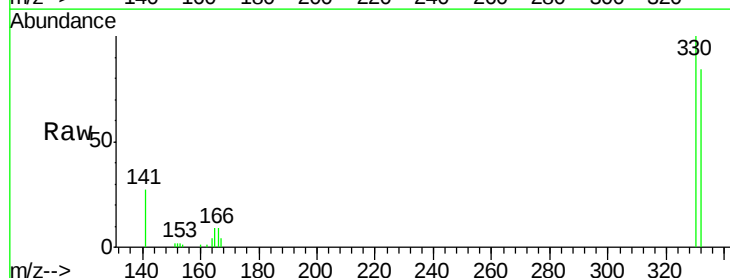
Tgt Ion:330 Resp: 15899

Ion Ratio Lower Upper

330 100

332 92.8 76.1 114.1

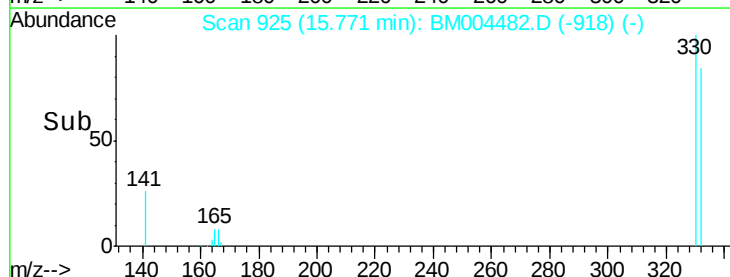
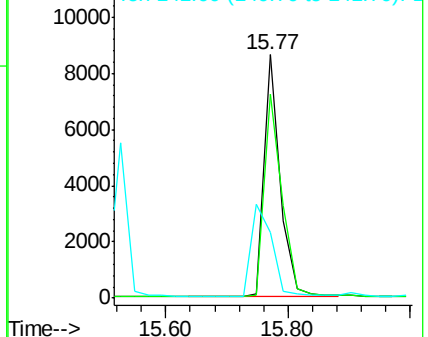
141 0.0 0.0 0.0

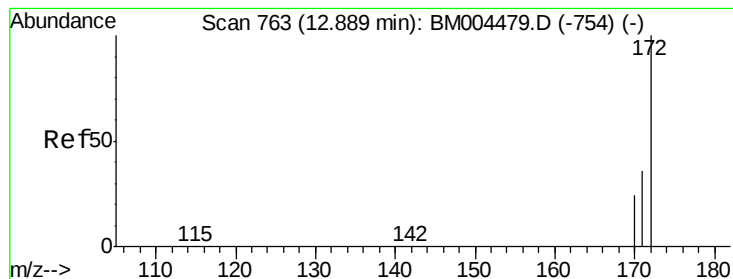


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

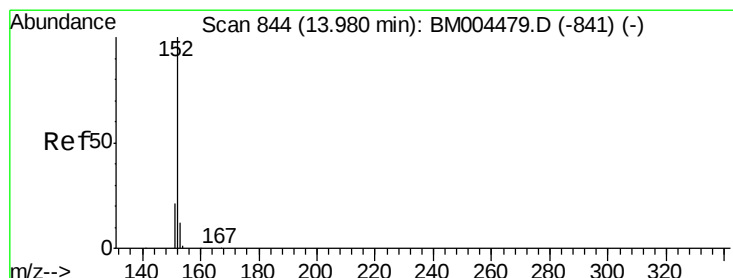
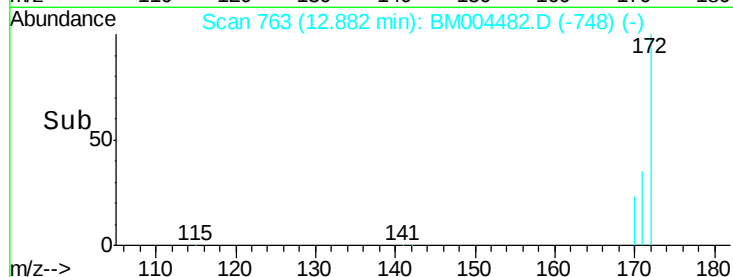
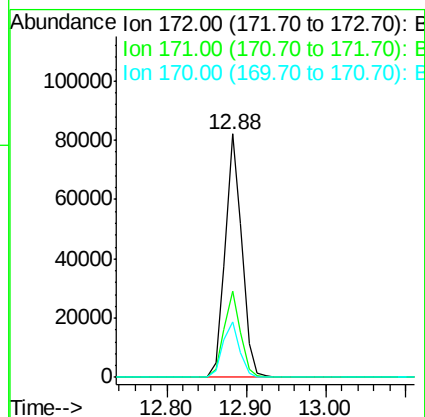
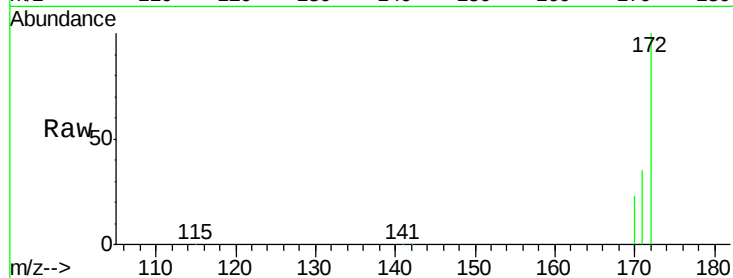




#15
2-Fluorobiphenyl
Concen: 9.87 ng
RT: 12.88 min Scan# 763
Delta R.T. -0.04 min
Lab File: BM004482.D
Acq: 29 Feb 2016 21:47

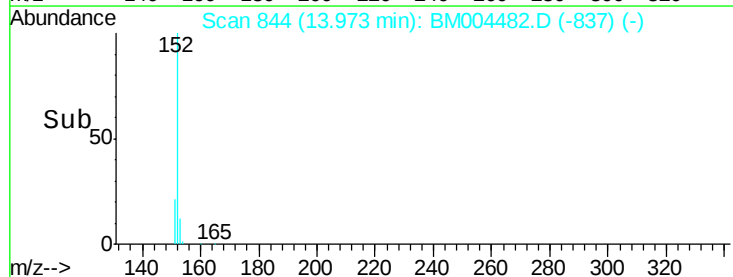
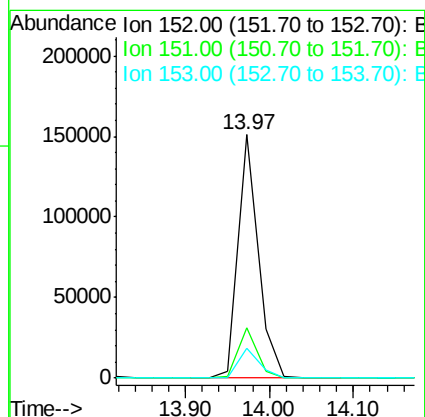
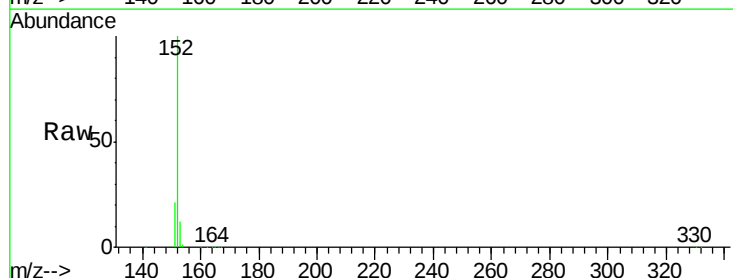
Instrument :
BNA_M
ClientSampleId :
SSTDIC010

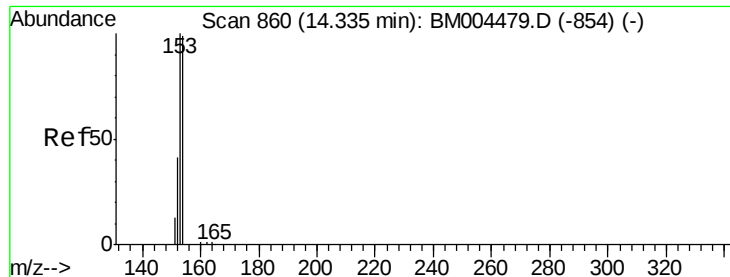
Tgt Ion:172 Resp: 118765
Ion Ratio Lower Upper
172 100
171 35.2 29.2 43.8
170 22.9 19.7 29.5



#16
Acenaphthylene
Concen: 14.43 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.03 min
Lab File: BM004482.D
Acq: 29 Feb 2016 21:47

Tgt Ion:152 Resp: 248473
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 12.7 10.2 15.4

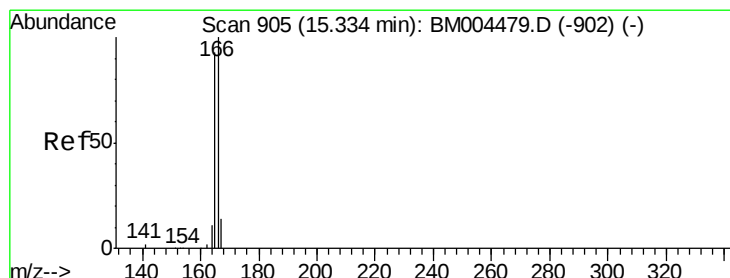
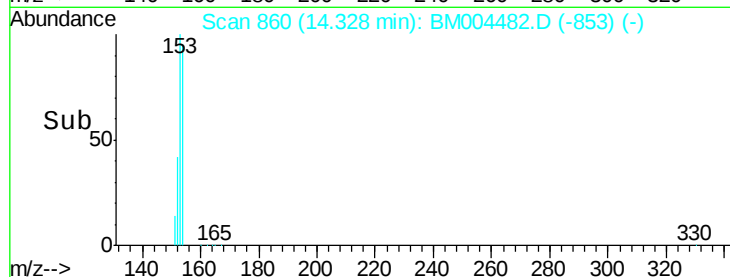
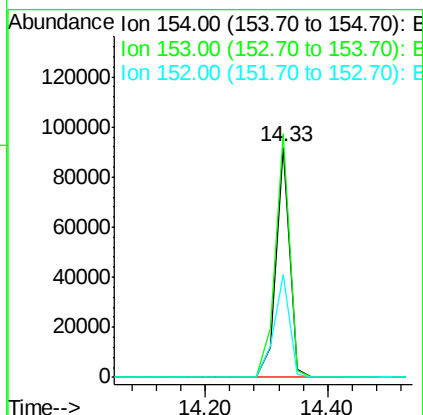
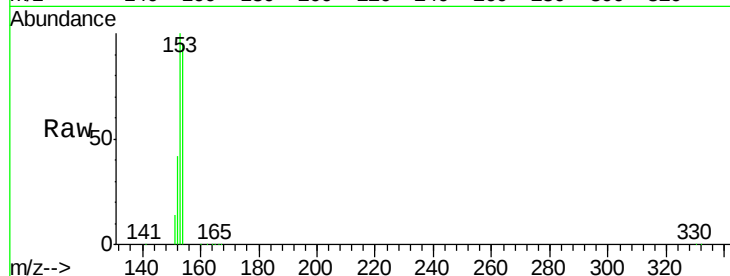




#17
Acenaphthene
Concen: 11.12 ng
RT: 14.33 min Scan# 860
Delta R.T. -0.03 min
Lab File: BM004482.D
Acq: 29 Feb 2016 21:47

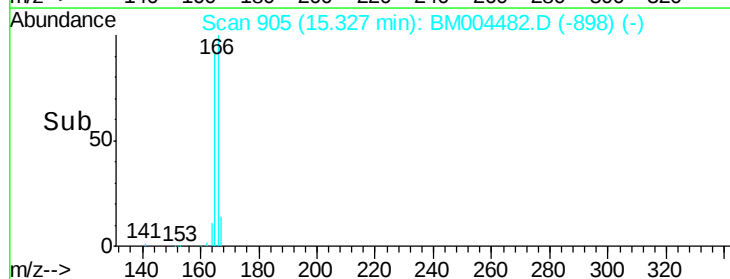
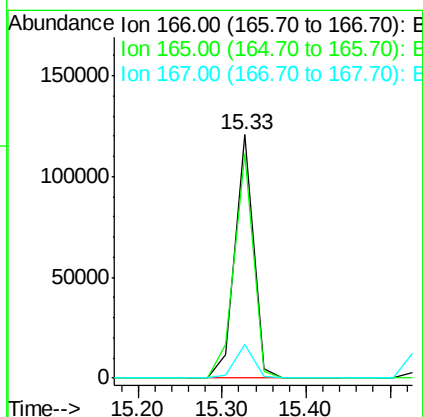
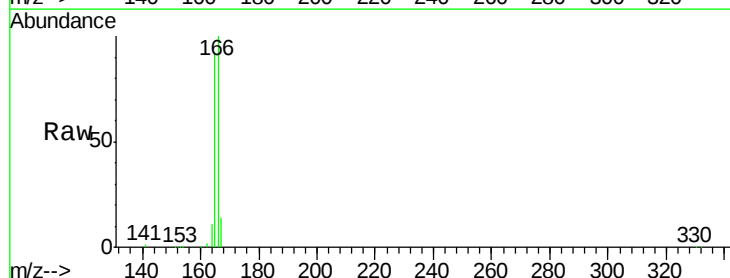
Instrument :
BNA_M
ClientSampleId :
SSTDIC010

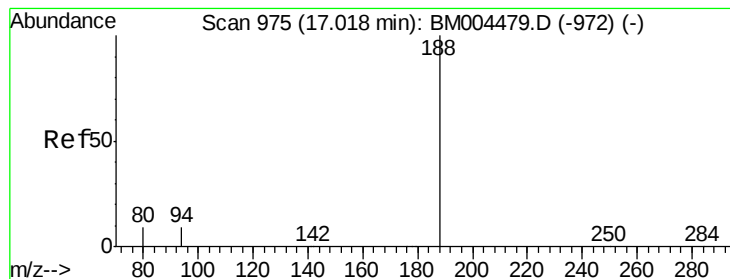
Tgt Ion:154 Resp: 143487
Ion Ratio Lower Upper
154 100
153 110.9 88.0 132.0
152 50.7 41.1 61.7



#18
Fluorene
Concen: 11.65 ng
RT: 15.33 min Scan# 905
Delta R.T. -0.03 min
Lab File: BM004482.D
Acq: 29 Feb 2016 21:47

Tgt Ion:166 Resp: 183205
Ion Ratio Lower Upper
166 100
165 95.6 77.2 115.8
167 13.6 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 975

Delta R.T. -0.04 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

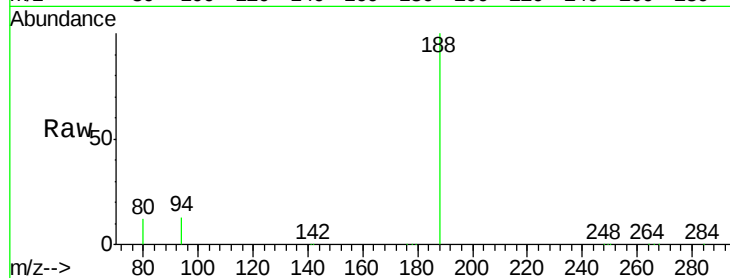
Tgt Ion:188 Resp: 81728

Ion Ratio Lower Upper

188 100

94 12.8 7.4 11.0#

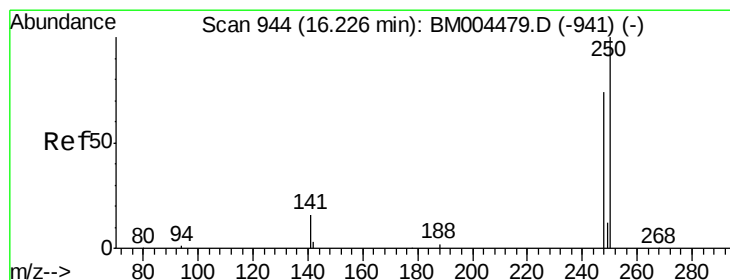
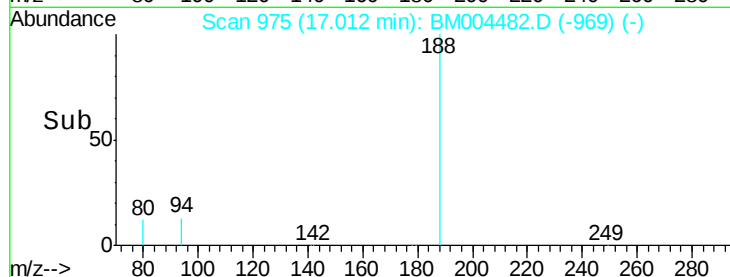
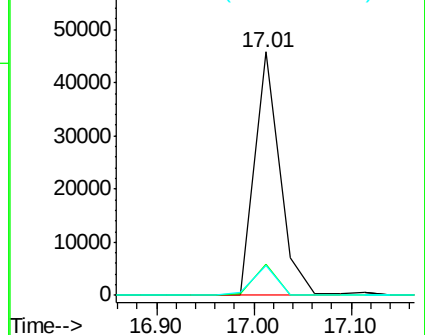
80 12.4 6.9 10.3#



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: 14.36 ng

RT: 16.22 min Scan# 944

Delta R.T. -0.02 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

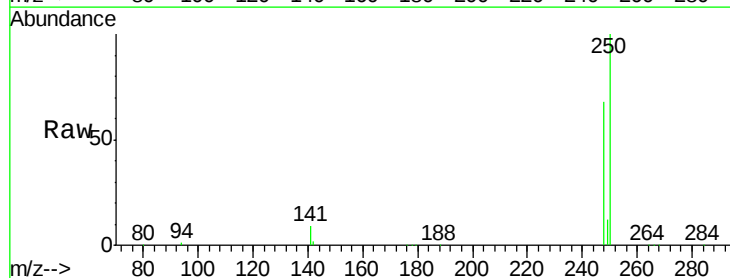
Tgt Ion:248 Resp: 38764

Ion Ratio Lower Upper

248 100

250 112.5 81.5 122.3

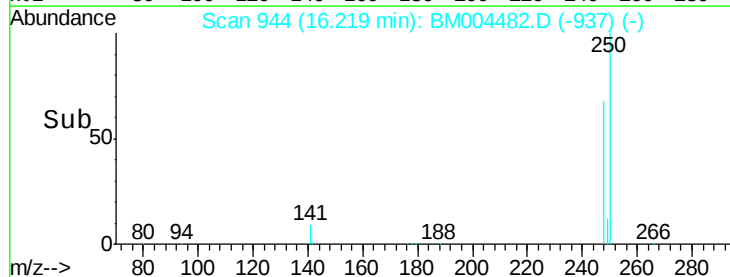
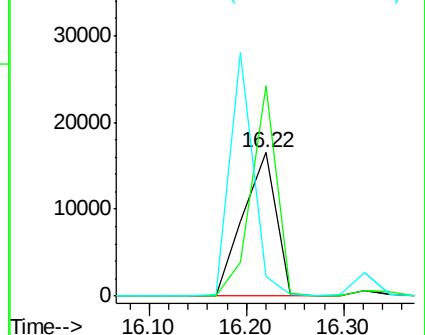
141 0.0 0.0 0.0

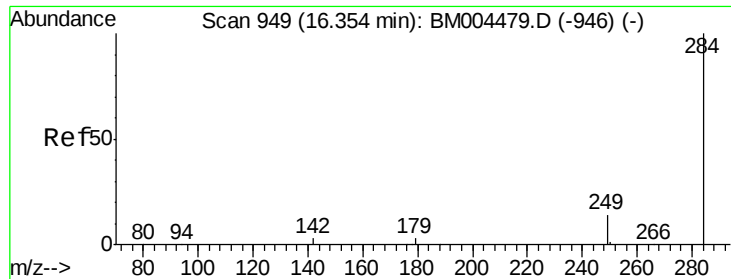


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

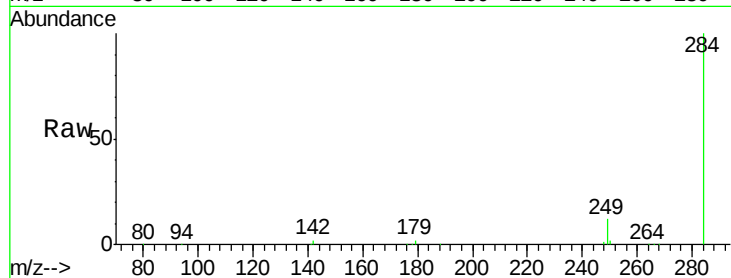




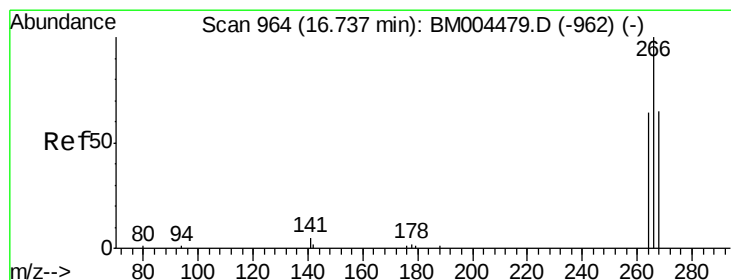
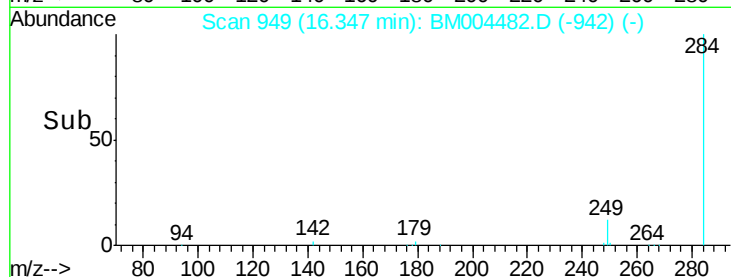
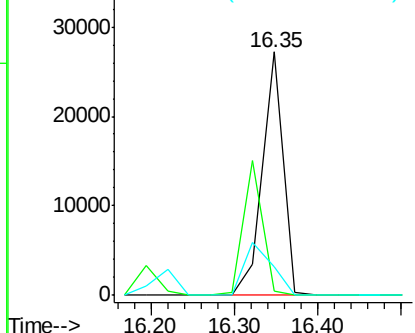
#21
Hexachlorobenzene
Concen: 16.62 ng
RT: 16.35 min Scan# 949
Delta R.T. -0.02 min
Lab File: BM004482.D
Acq: 29 Feb 2016 21:47

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tgt Ion: 284 Resp: 47386
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

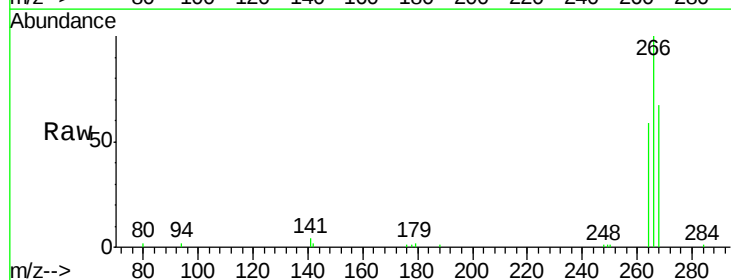


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

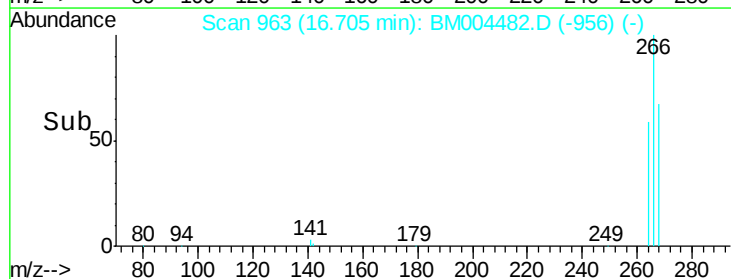
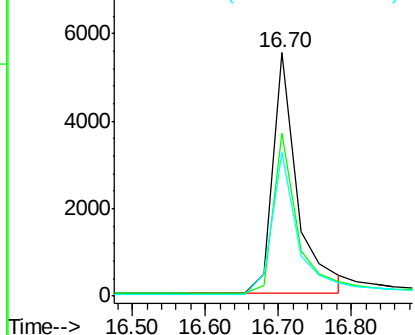


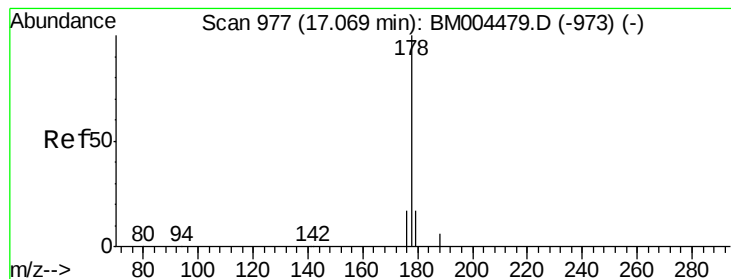
#22
Pentachlorophenol
Concen: 18.34 ng
RT: 16.70 min Scan# 963
Delta R.T. -0.03 min
Lab File: BM004482.D
Acq: 29 Feb 2016 21:47

Tgt Ion: 266 Resp: 13079
Ion Ratio Lower Upper
266 100
268 67.2 60.7 91.1
264 59.2 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: 15.06 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.02 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

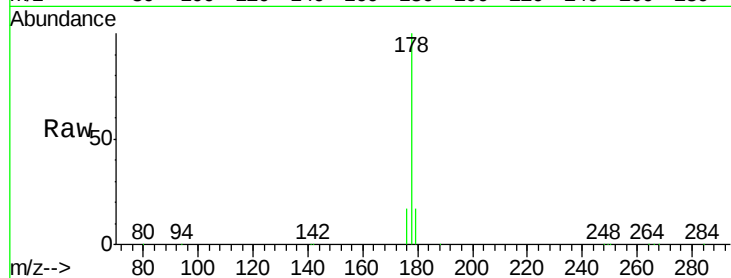
Tgt Ion:178 Resp: 268588

Ion Ratio Lower Upper

178 100

176 17.8 14.7 22.1

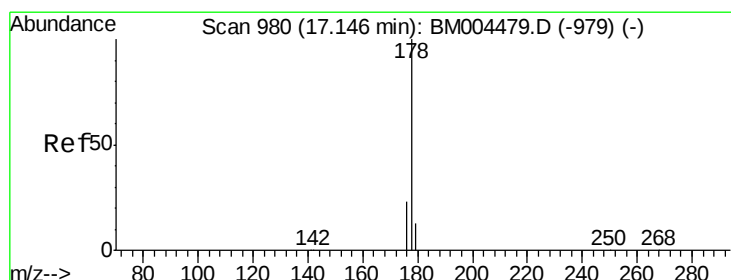
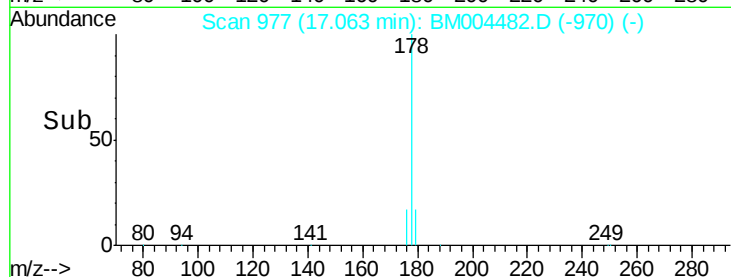
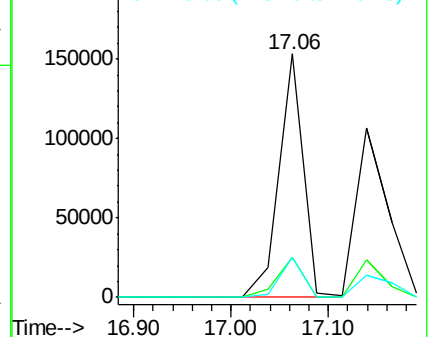
179 16.0 12.9 19.3



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: 12.64 ng

RT: 17.14 min Scan# 980

Delta R.T. -0.04 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

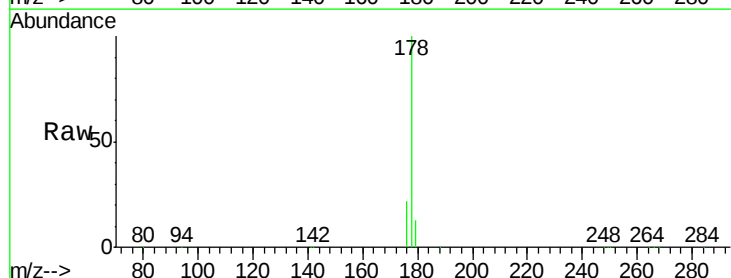
Tgt Ion:178 Resp: 238024

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

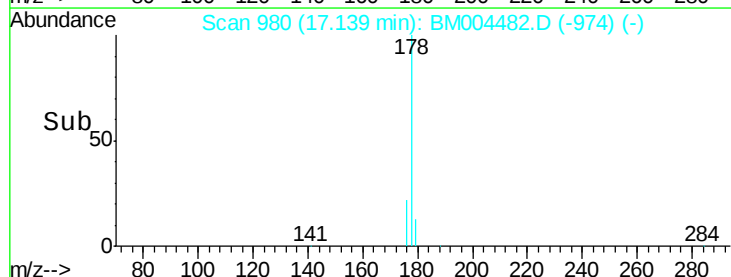
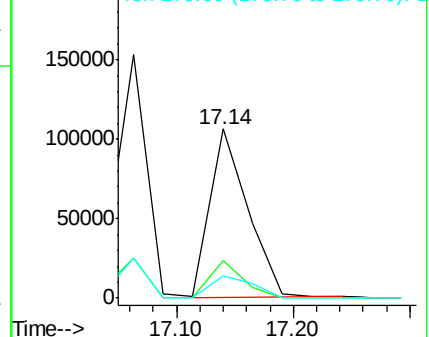
179 14.8 13.9 20.9

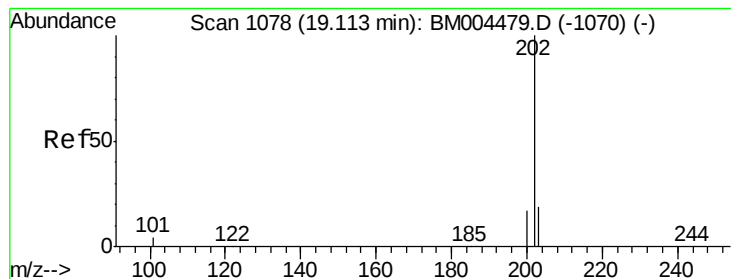


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 13.37 ng

RT: 19.09 min Scan# 1077

Delta R.T. -0.04 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

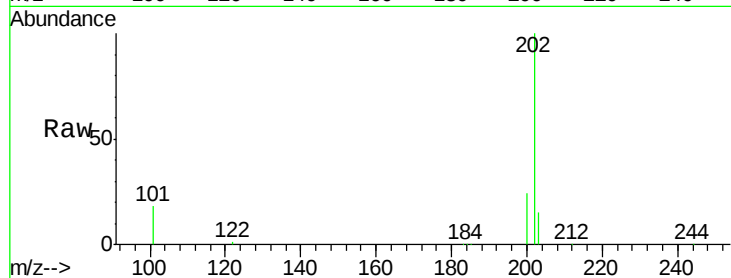
Tgt Ion:202 Resp: 299493

Ion Ratio Lower Upper

202 100

101 12.0 9.4 14.2

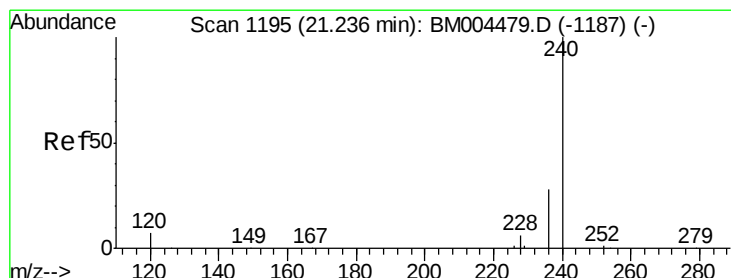
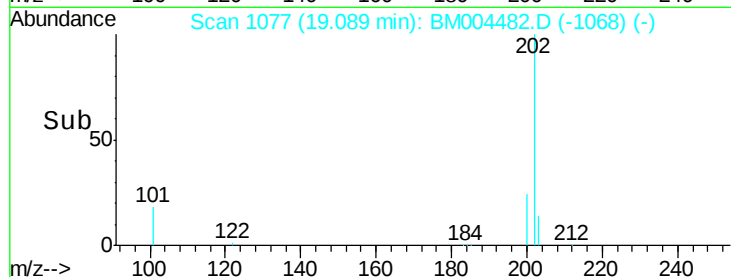
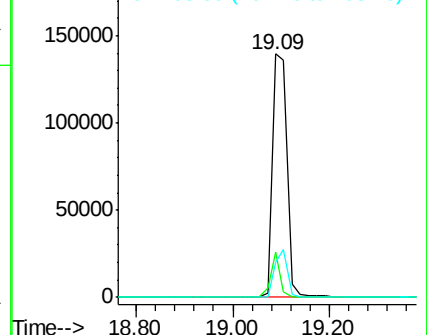
203 17.3 13.9 20.9



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# 1195

Delta R.T. -0.03 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

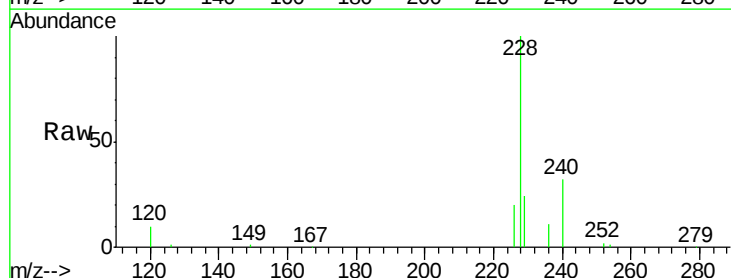
Tgt Ion:240 Resp: 69977

Ion Ratio Lower Upper

240 100

120 32.2 6.1 9.1#

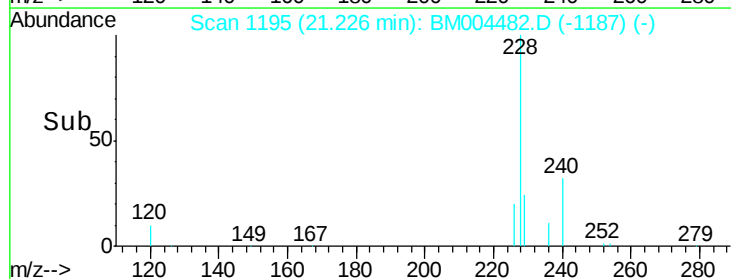
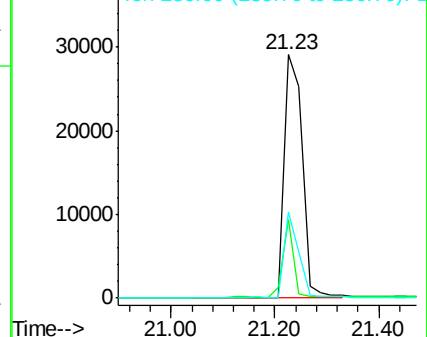
236 35.2 22.6 34.0#

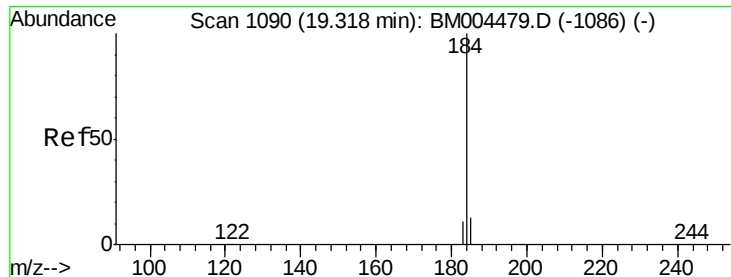


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 31.88 ng

RT: 19.29 min Scan# 1089

Delta R.T. -0.03 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

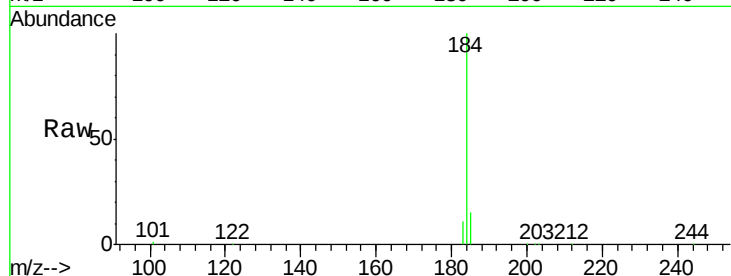
Tgt Ion:184 Resp: 111492

Ion Ratio Lower Upper

184 100

185 14.9 16.6 24.8#

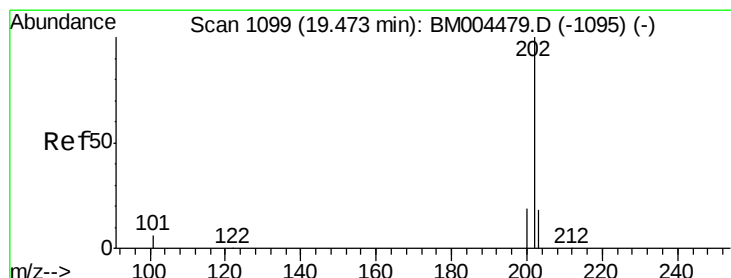
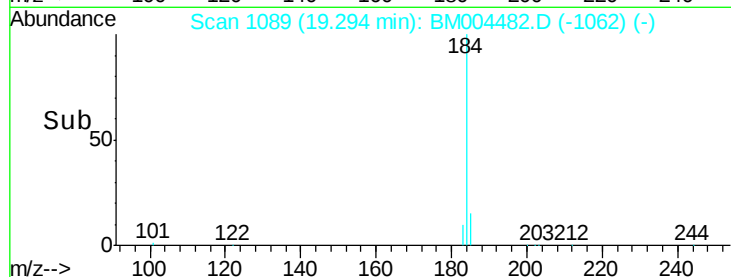
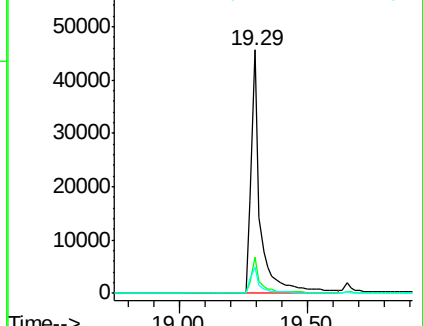
183 10.6 12.3 18.5#



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: 15.46 ng

RT: 19.47 min Scan# 1099

Delta R.T. -0.03 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

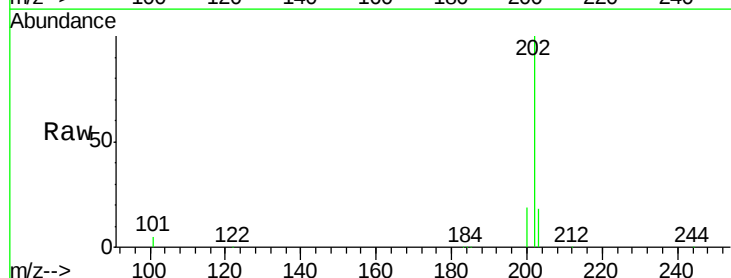
Tgt Ion:202 Resp: 311586

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

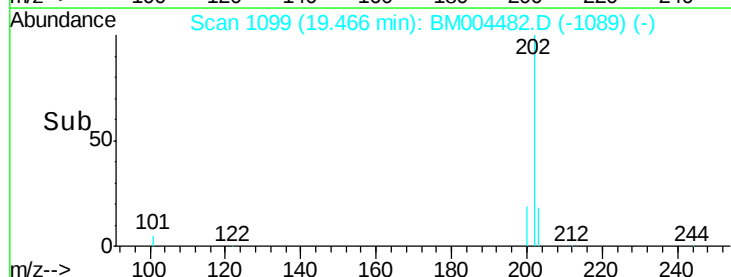
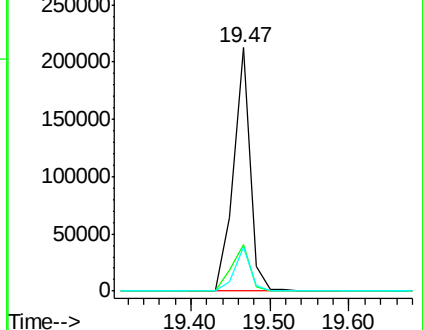
203 17.5 14.1 21.1

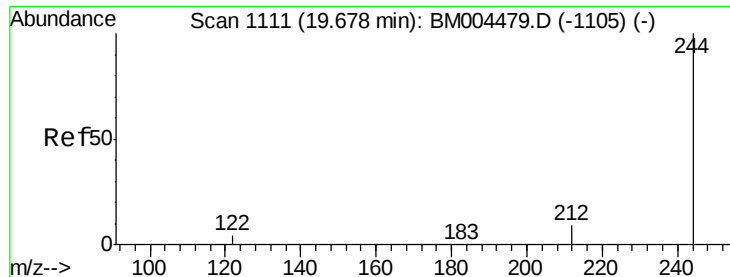


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 11.49 ng

RT: 19.67 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

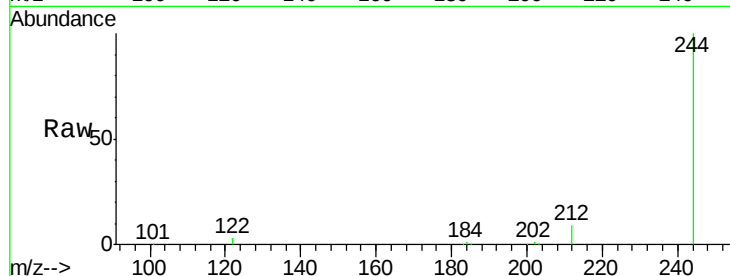
Tgt Ion:244 Resp: 103307

Ion Ratio Lower Upper

244 100

212 8.9 7.5 11.3

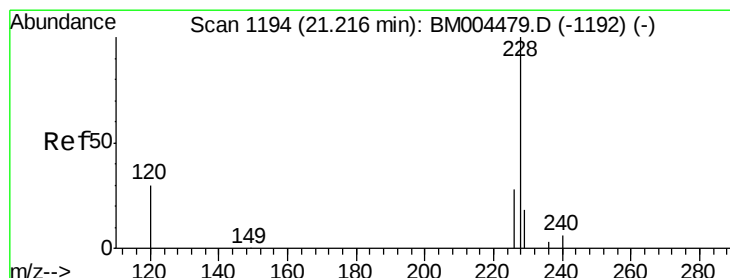
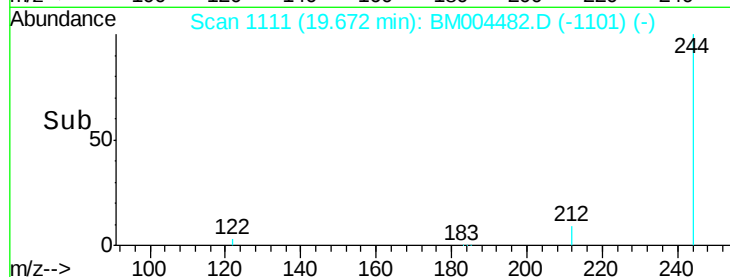
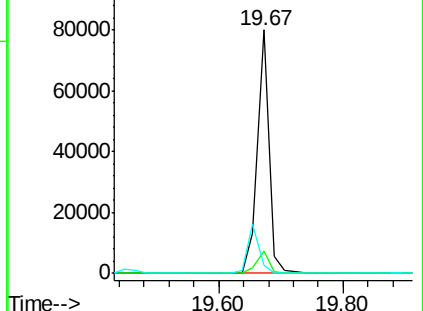
122 3.4 4.2 6.2#



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: 11.99 ng

RT: 21.21 min Scan# 1194

Delta R.T. -0.03 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

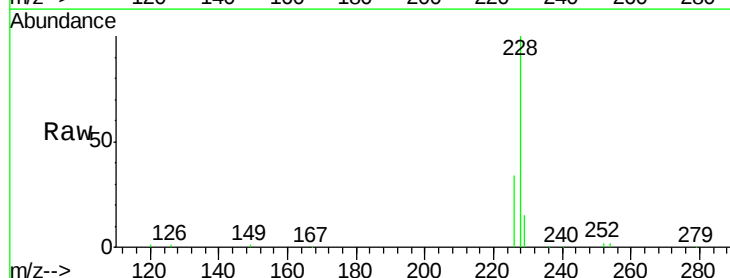
Tgt Ion:228 Resp: 256707

Ion Ratio Lower Upper

228 100

226 33.8 22.8 34.2

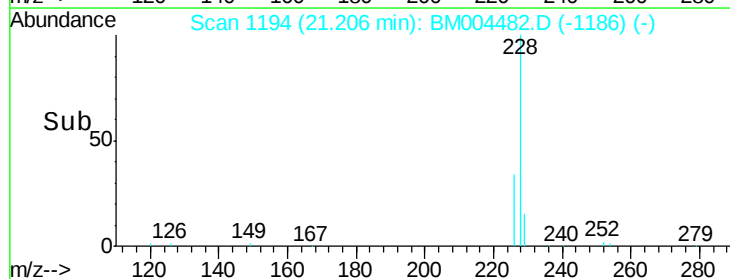
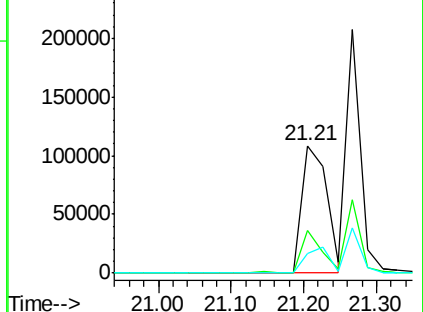
229 15.3 14.6 22.0

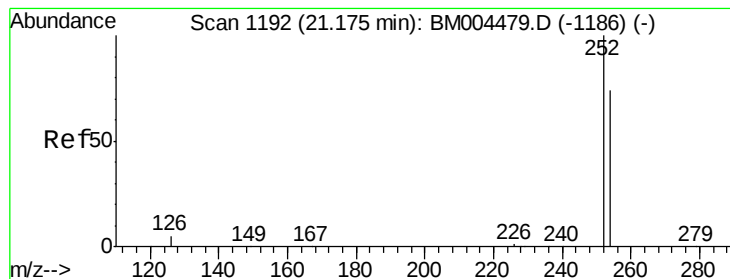


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 33.34 ng

RT: 21.16 min Scan# 1192

Delta R.T. -0.03 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

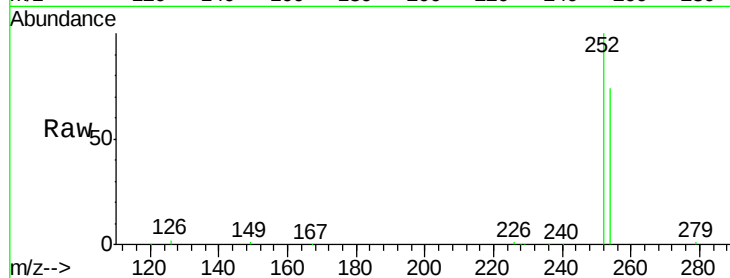
Tgt Ion:252 Resp: 169394

Ion Ratio Lower Upper

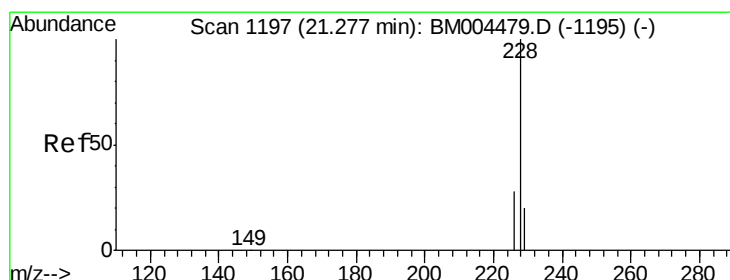
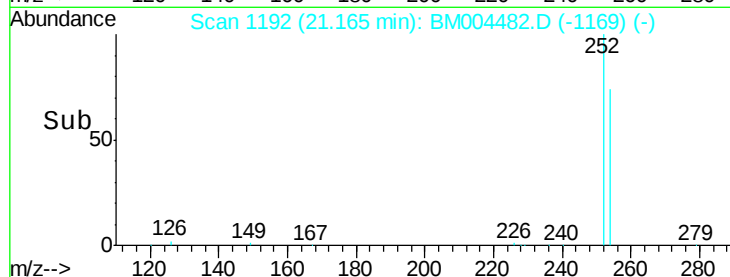
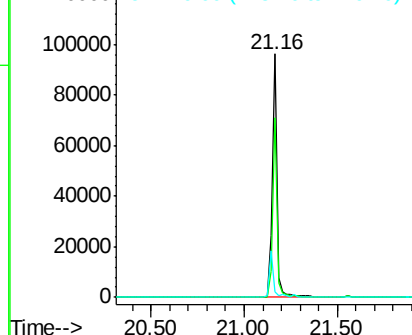
252 100

254 73.6 59.4 89.0

126 2.3 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: 14.45 ng

RT: 21.27 min Scan# 1197

Delta R.T. -0.03 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

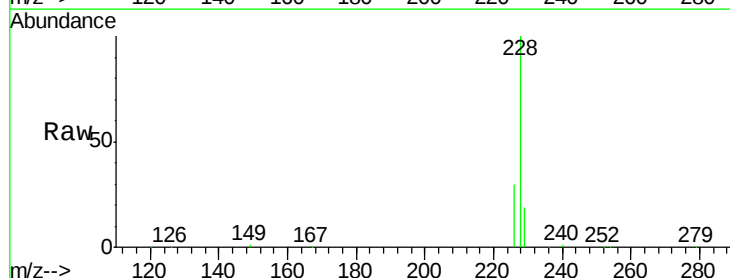
Tgt Ion:228 Resp: 284470

Ion Ratio Lower Upper

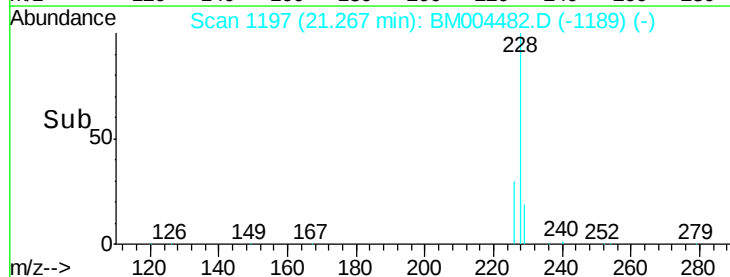
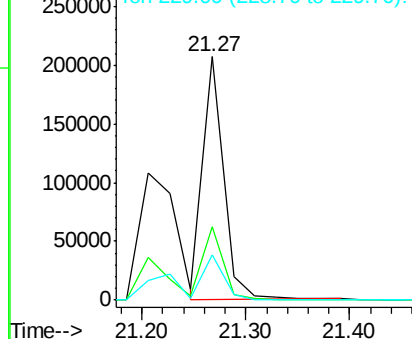
228 100

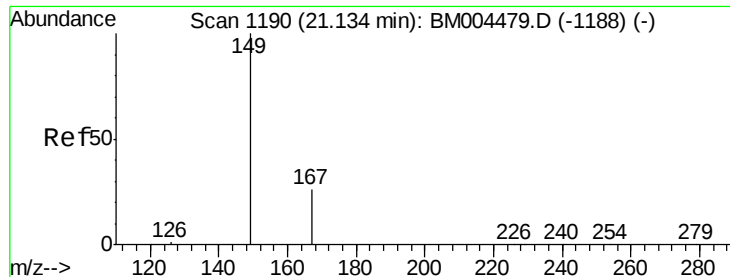
226 30.2 21.4 32.2

229 18.5 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: 20.02 ng

RT: 21.14 min Scan# 1191

Delta R.T. -0.03 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

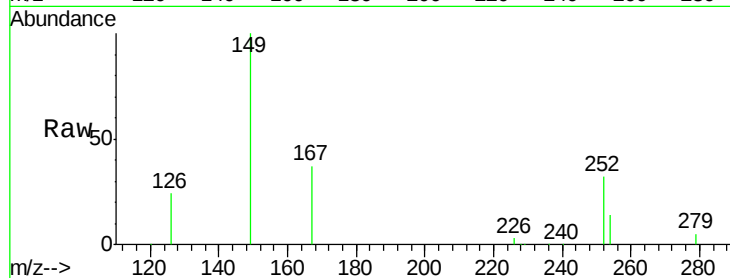
Tgt Ion:149 Resp: 179015

Ion Ratio Lower Upper

149 100

167 28.3 21.2 31.8

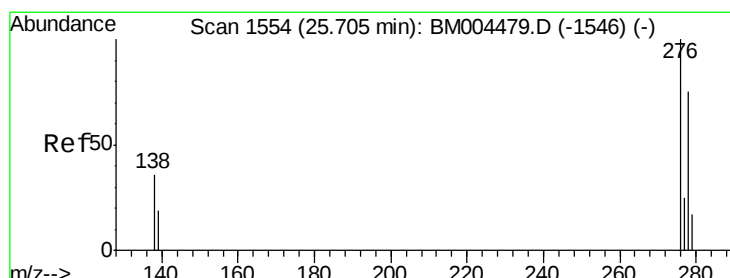
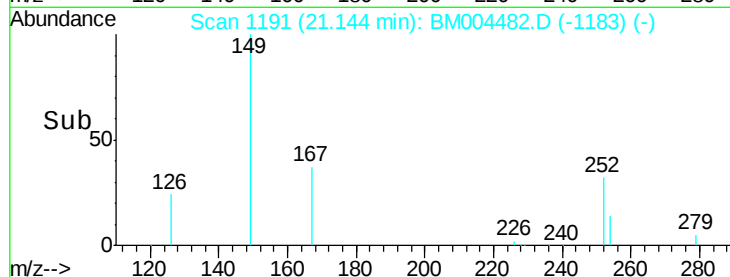
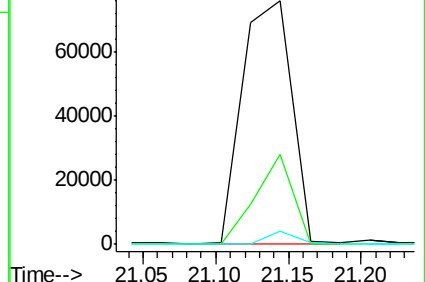
279 3.2 0.0 0.0#



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: 13.31 ng

RT: 25.68 min Scan# 1553

Delta R.T. -0.06 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

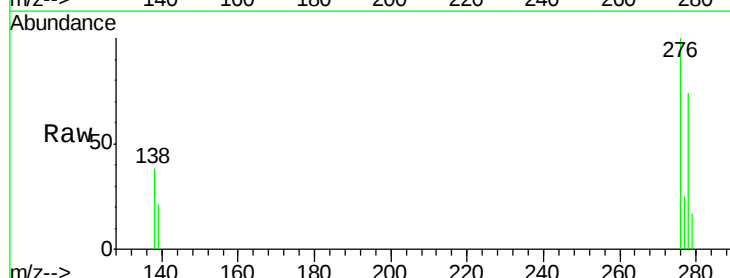
Tgt Ion:276 Resp: 274374

Ion Ratio Lower Upper

276 100

138 38.4 30.4 45.6

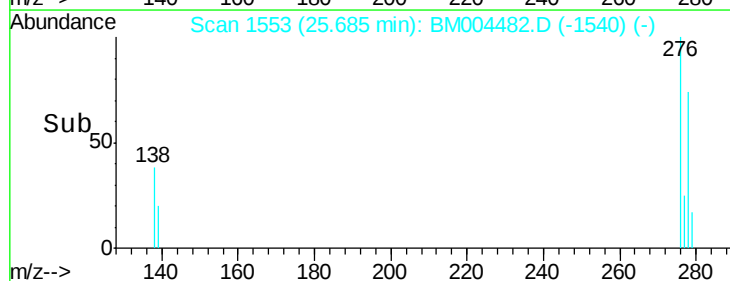
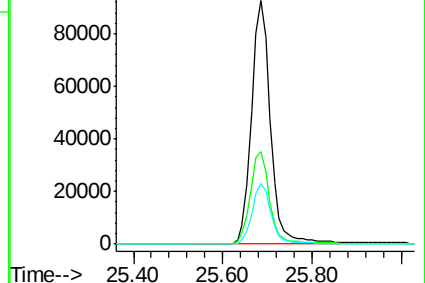
277 24.8 19.8 29.8

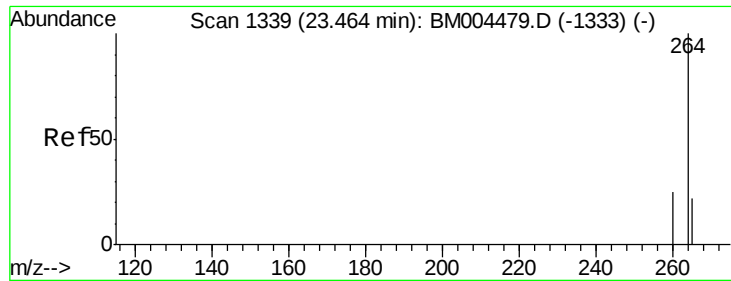


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

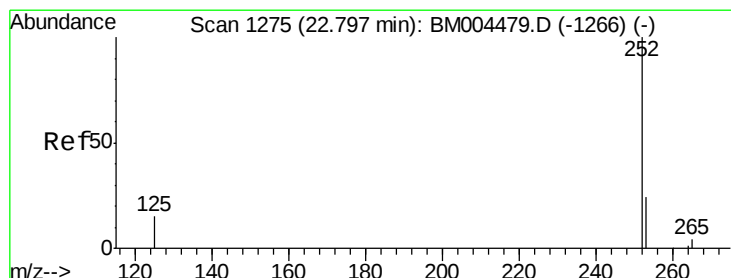
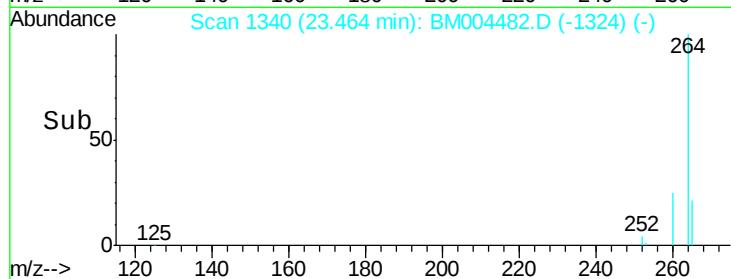
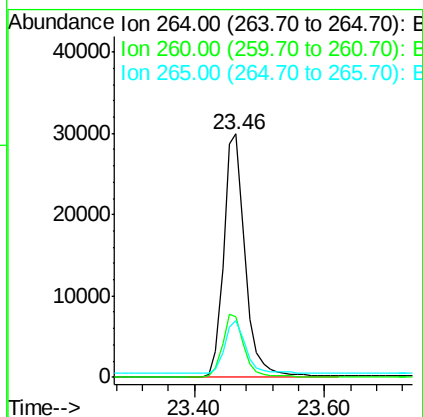
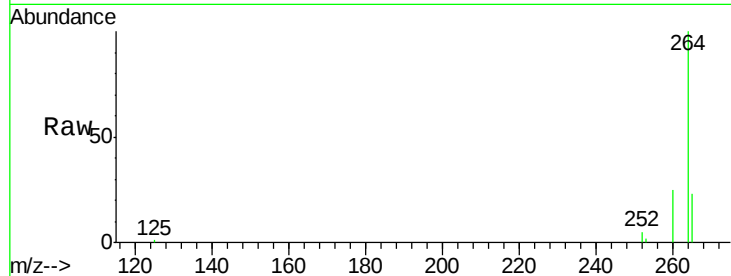




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.46 min Scan# 1340
 Delta R.T. -0.03 min
 Lab File: BM004482.D
 Acq: 29 Feb 2016 21:47

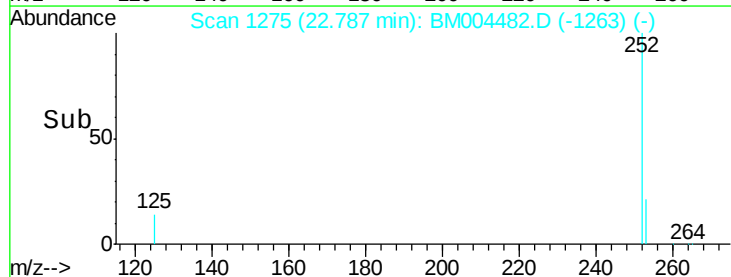
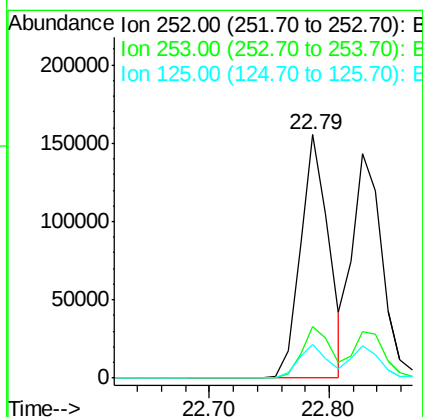
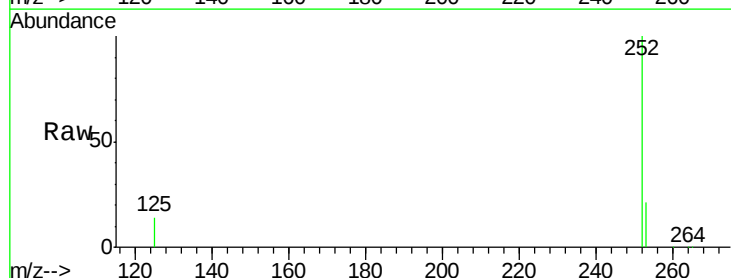
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

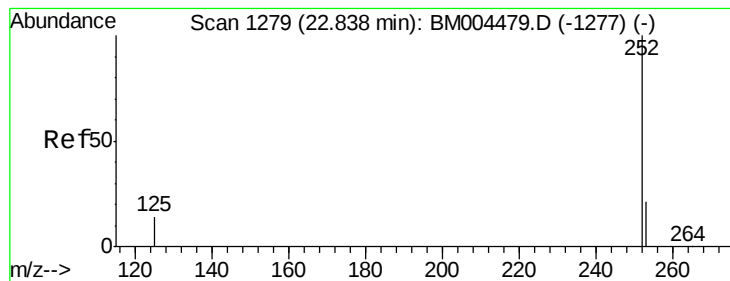
Tgt Ion: 264 Resp: 67354
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.8 29.6
 265 23.2 18.9 28.3



#36
 Benzo(b)fluoranthene
 Concen: 13.07 ng
 RT: 22.79 min Scan# 1275
 Delta R.T. -0.04 min
 Lab File: BM004482.D
 Acq: 29 Feb 2016 21:47

Tgt Ion: 252 Resp: 276363
 Ion Ratio Lower Upper
 252 100
 253 21.3 18.8 28.2
 125 14.0 11.8 17.8





#37

Benzo(k)fluoranthene

Concen: 13.25 ng

RT: 22.83 min Scan# 1279

Delta R.T. -0.04 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

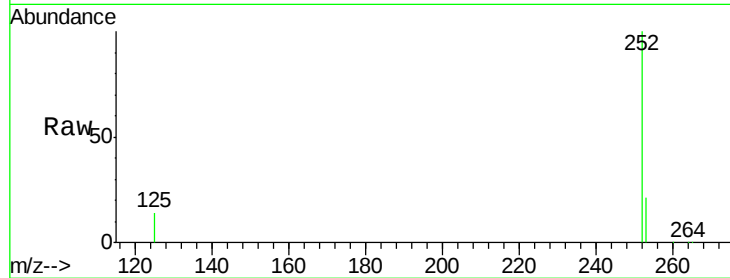
Tgt Ion:252 Resp: 254487

Ion Ratio Lower Upper

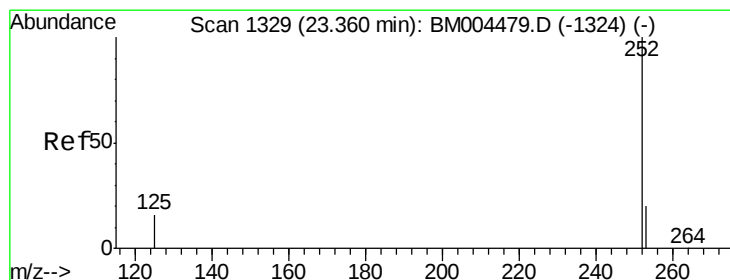
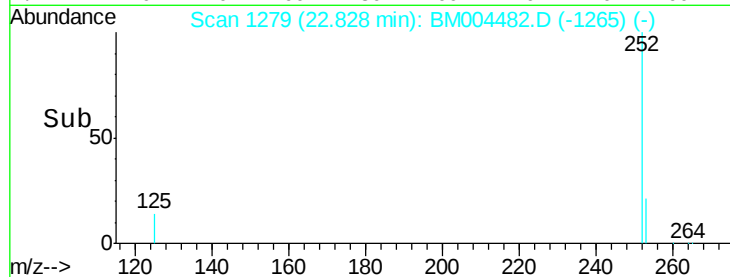
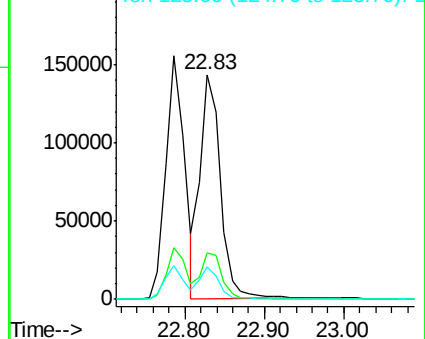
252 100

253 20.8 18.3 27.5

125 14.5 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: 13.14 ng

RT: 23.36 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

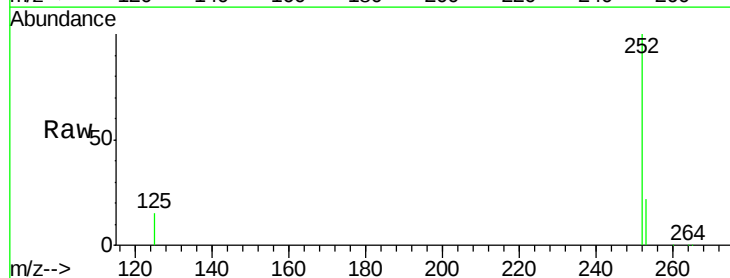
Tgt Ion:252 Resp: 245128

Ion Ratio Lower Upper

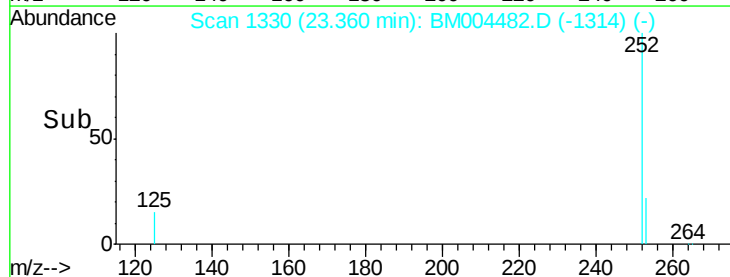
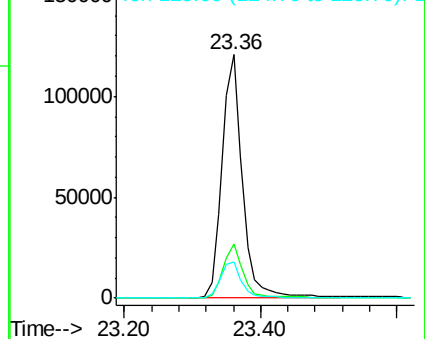
252 100

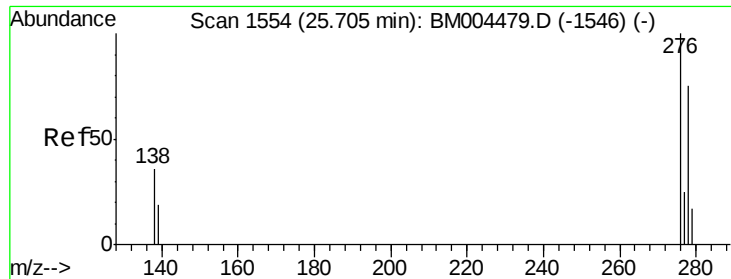
253 22.0 18.0 27.0

125 14.8 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: 13.16 ng

RT: 25.69 min Scan# 1554

Delta R.T. -0.06 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

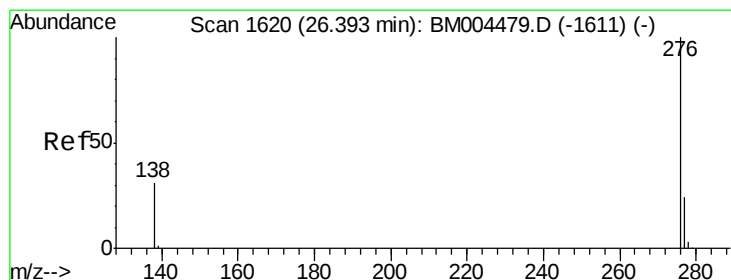
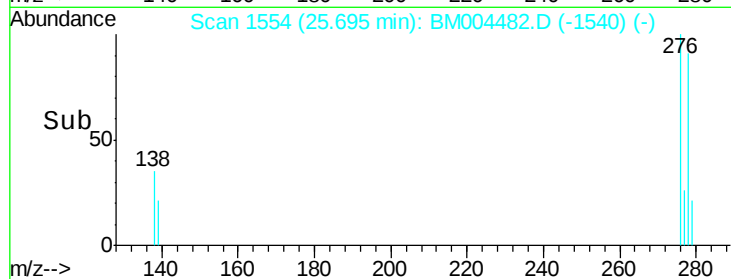
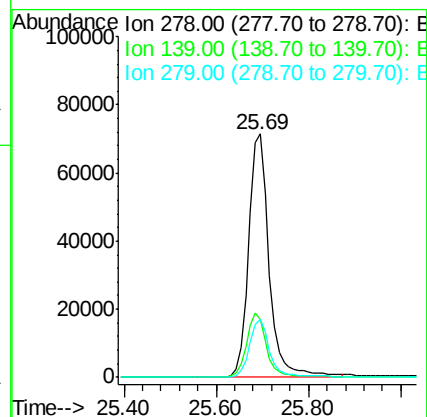
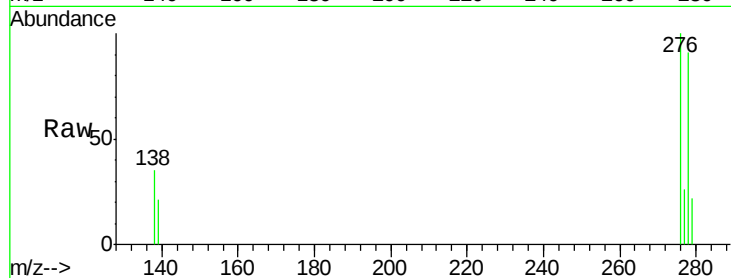
Tgt Ion: 278 Resp: 220006

Ion Ratio Lower Upper

278 100

139 23.6 21.2 31.8

279 23.6 19.6 29.4



#40

Benzo(g,h,i)perylene

Concen: 12.77 ng

RT: 26.37 min Scan# 1619

Delta R.T. -0.06 min

Lab File: BM004482.D

Acq: 29 Feb 2016 21:47

Tgt Ion: 276 Resp: 233185

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 31.9 26.2 39.2

