

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022916\
 Data File : BM004476.D
 Acq On : 29 Feb 2016 18:09
 Operator : SJ/UM
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

Quant Time: Mar 01 00:29:03 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	18028	5.00	ng	-0.04
7) Naphthalene-d8	10.39	136	69948	5.00	ng	-0.04
13) Acenaphthene-d10	14.26	164	34000	5.00	ng	-0.03
19) Phenanthrene-d10	17.01	188	69402	5.00	ng	-0.04
26) Chrysene-d12	21.25	240	74505	5.00	ng	-0.01
35) Perylene-d12	23.46	264	66830	5.00	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	842	0.22	ng	-0.02
5) Phenol-d6	6.85	99	845	0.19	ng	0.00
8) Nitrobenzene-d5	8.81	82	662	0.21	ng	-0.01
14) 2,4,6-Tribromophenol	15.79	330	268	0.27	ng	-0.02
15) 2-Fluorobiphenyl	12.89	172	2133	0.20	ng	-0.03
29) Terphenyl-d14	19.67	244	1931	0.20	ng	-0.03

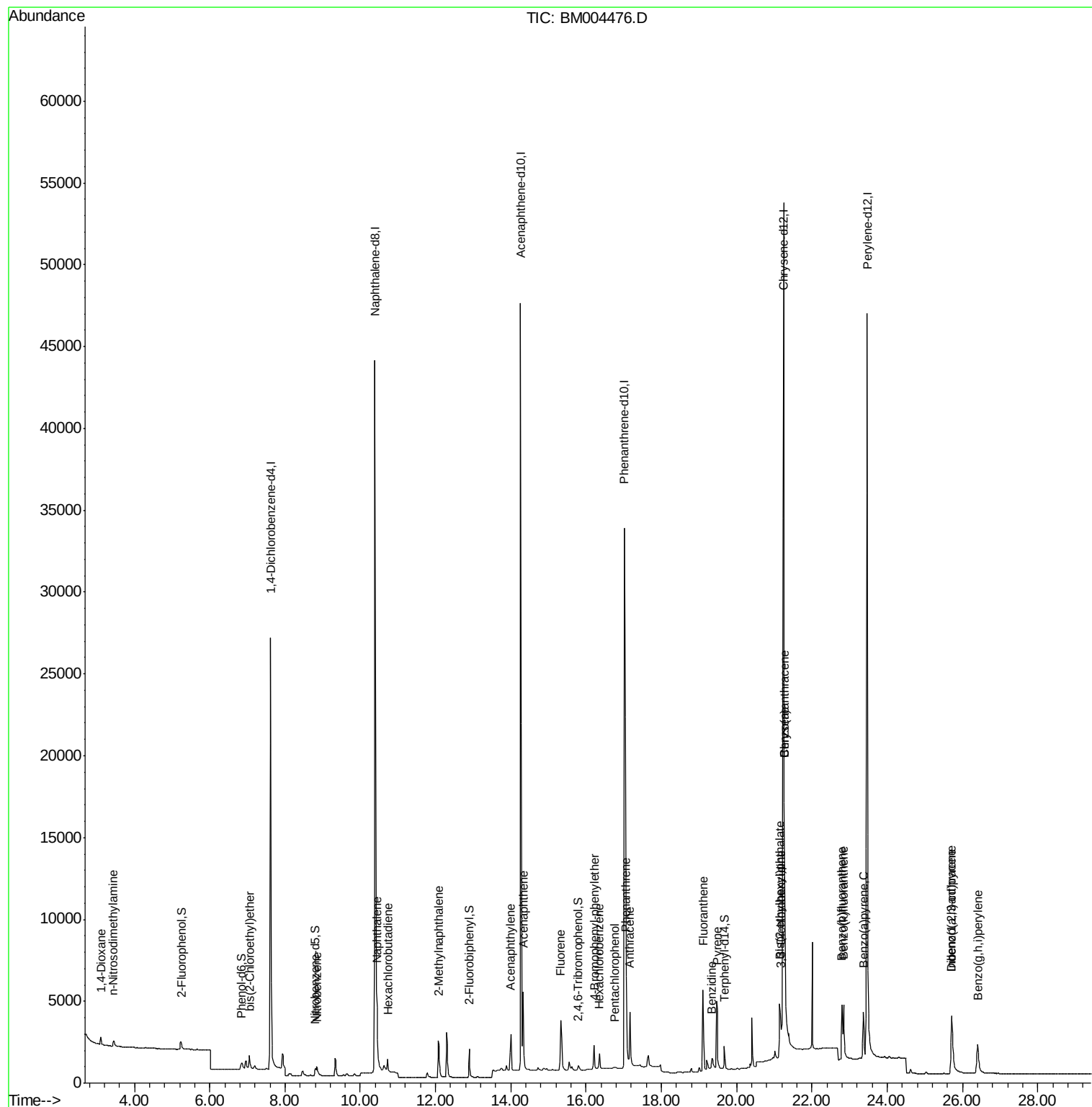
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	492	0.25	ng	# 76
3) n-Nitrosodimethylamine	3.44	42	396	0.24	ng	# 89
6) bis(2-Chloroethyl)ether	7.05	93	974	0.23	ng	98
9) Nitrobenzene	8.85	77	849	0.24	ng	96
10) Naphthalene	10.44	128	4928	0.30	ng	# 95
11) Hexachlorobutadiene	10.73	225	651	0.25	ng	97
12) 2-Methylnaphthalene	12.08	142	2376	0.22	ng	# 91
16) Acenaphthylene	14.00	152	3674	0.25	ng	100
17) Acenaphthene	14.33	154	2697	0.24	ng	99
18) Fluorene	15.33	166	3038	0.22	ng	# 94
20) 4-Bromophenyl-phenylether	16.22	248	931	0.41	ng	# 95
21) Hexachlorobenzene	16.35	284	917	0.38	ng	# 100
22) Pentachlorophenol	16.76	266	121	0.20	ng	86
23) Phenanthrene	17.06	178	5516	0.36	ng	98
24) Anthracene	17.17	178	4482	0.28	ng	96
25) Fluoranthene	19.11	202	5686	0.30	ng	99
27) Benzidine	19.35	184	1635	0.44	ng	# 1
28) Pyrene	19.48	202	5905	0.28	ng	99
30) Benzo(a)anthracene	21.27	228	21906	0.96	ng	# 92
31) 3,3'-Dichlorobenzidine	21.16	252	4126	0.76	ng	# 77
32) Chrysene	21.27	228	22669	1.08	ng	# 87
33) Bis(2-ethylhexyl)phthalate	21.14	149	4181	0.44	ng	# 95
34) Indeno(1,2,3-cd)pyrene	25.72	276	5046	0.23	ng	100
36) Benzo(b)fluoranthene	22.80	252	5682	0.27	ng	# 85
37) Benzo(k)fluoranthene	22.85	252	4801	0.25	ng	# 84
38) Benzo(a)pyrene	23.37	252	4453	0.24	ng	# 80
39) Dibenzo(a,h)anthracene	25.72	278	3925	0.24	ng	# 81
40) Benzo(g,h,i)perylene	26.40	276	4386	0.24	ng	# 89

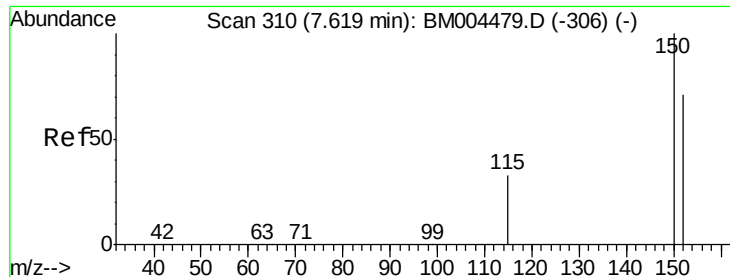
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM004476.D

Acq: 29 Feb 2016 18:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

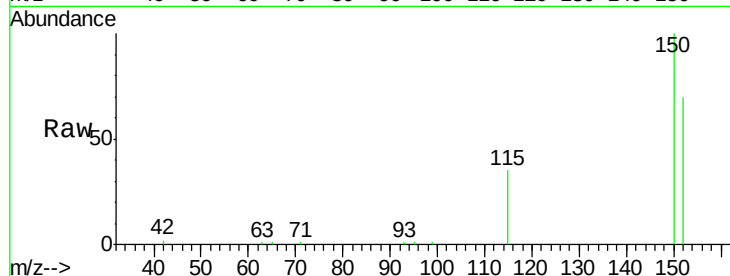
Tgt Ion: 152 Resp: 18028

Ion Ratio Lower Upper

152 100

150 143.0 111.9 167.9

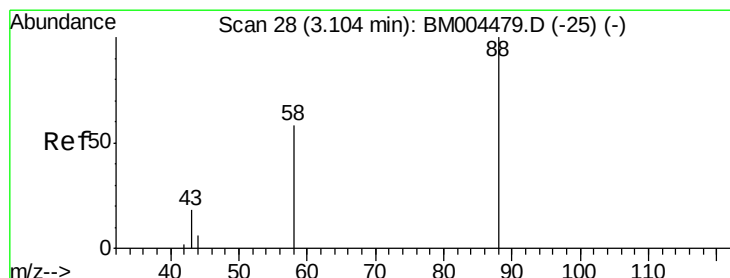
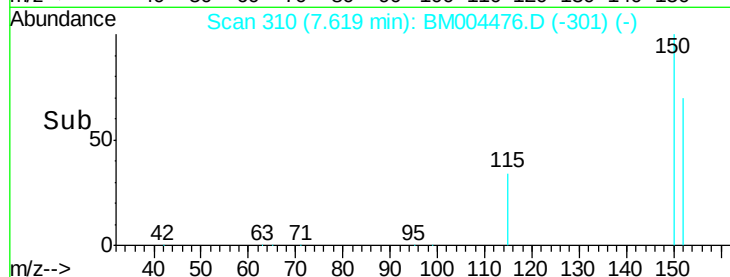
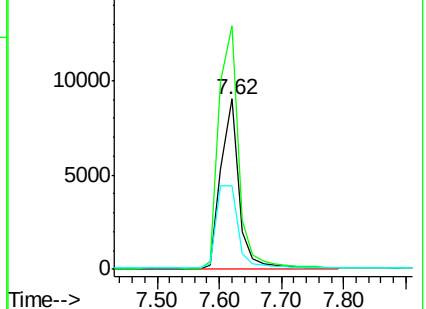
115 49.4 37.7 56.5



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: 0.25 ng

RT: 3.10 min Scan# 28

Delta R.T. -0.05 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

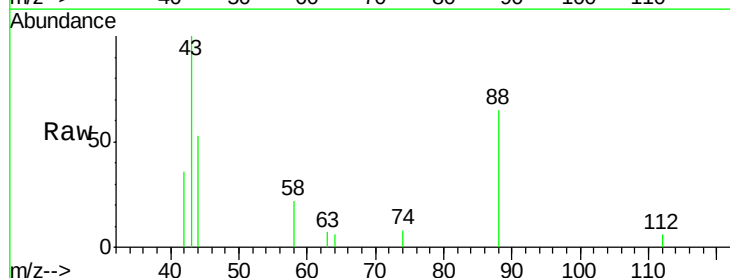
Tgt Ion: 88 Resp: 492

Ion Ratio Lower Upper

88 100

58 44.3 45.4 68.0#

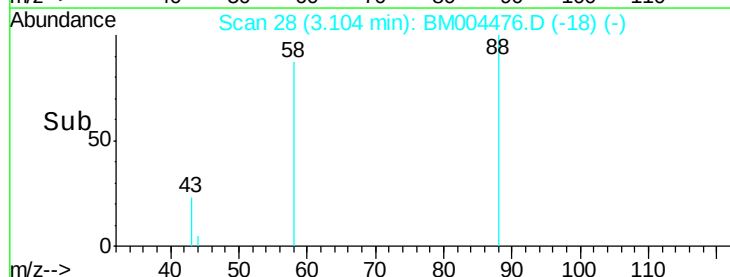
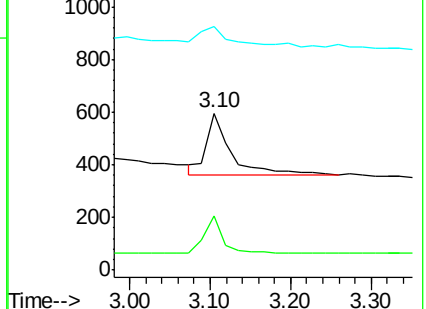
43 44.3 19.3 28.9#

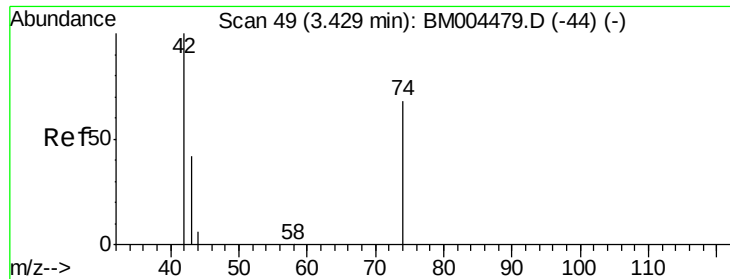


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.24 ng

RT: 3.44 min Scan# 50

Delta R.T. -0.03 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

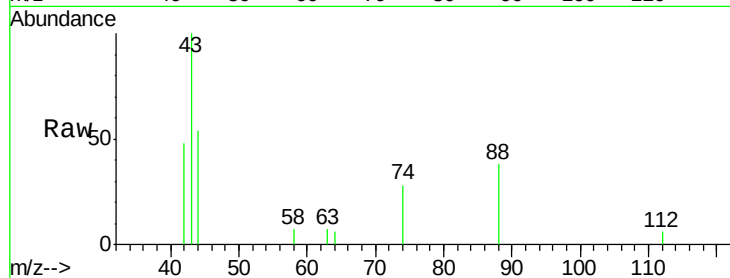
Tgt Ion: 42 Resp: 396

Ion Ratio Lower Upper

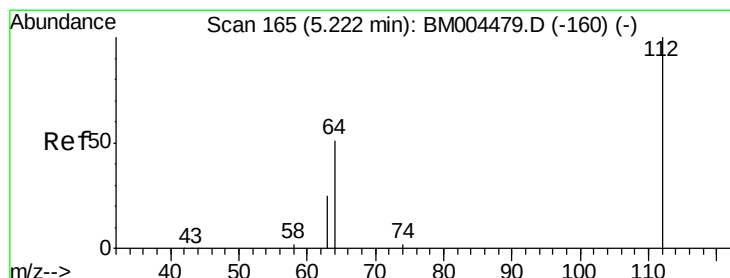
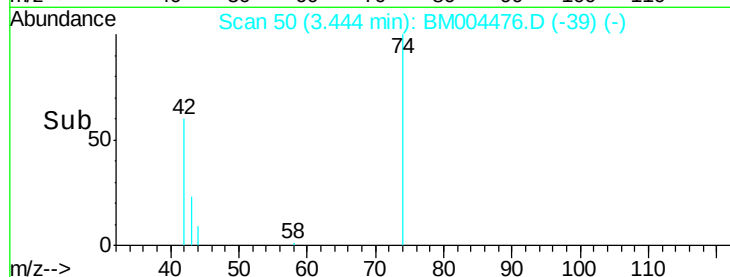
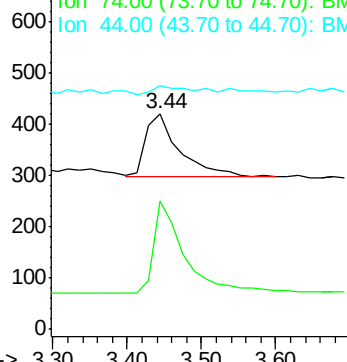
42 100

74 133.8 117.8 176.8

44 12.4 6.1 9.1#



Abundance Ion 42.00 (41.70 to 42.70): BM004476.D (-39) (-)



#4

2-Fluorophenol

Concen: 0.22 ng

RT: 5.24 min Scan# 166

Delta R.T. -0.02 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

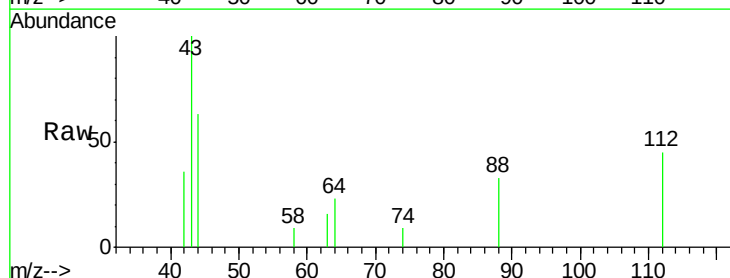
Tgt Ion: 112 Resp: 842

Ion Ratio Lower Upper

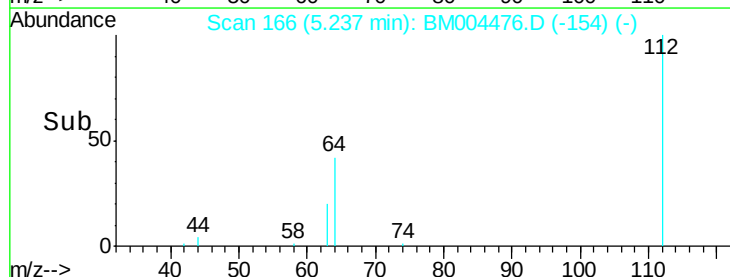
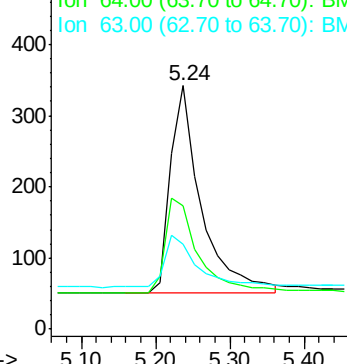
112 100

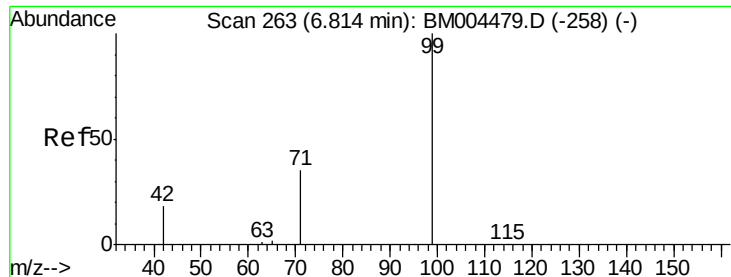
64 49.2 39.6 59.4

63 25.2 20.0 30.0



Abundance Ion 112.00 (111.70 to 112.70): BM004476.D (-154) (-)





#5

Phenol-d6

Concen: 0.19 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.01 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

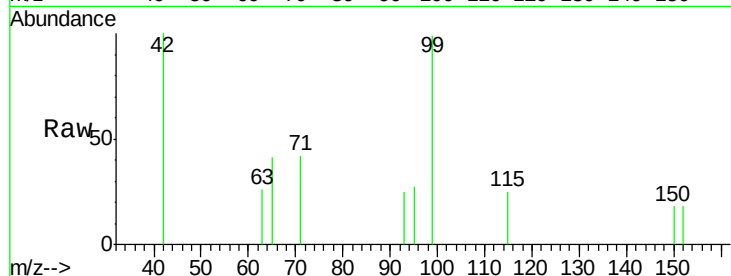
Tgt Ion: 99 Resp: 845

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

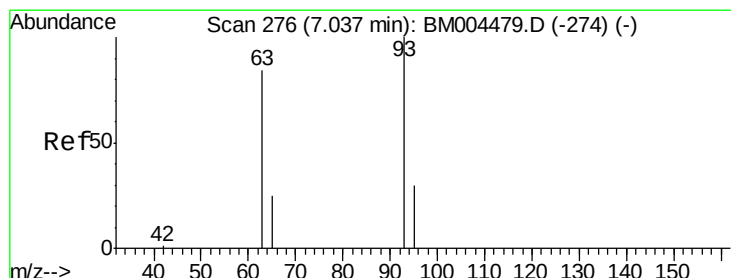
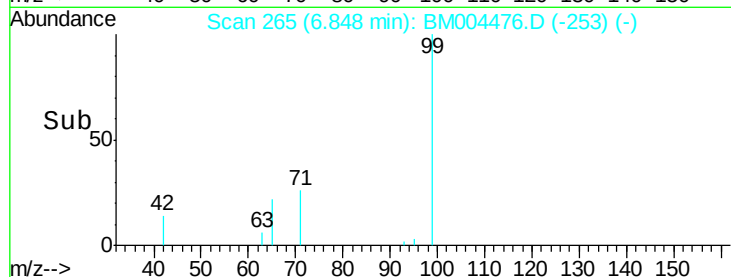
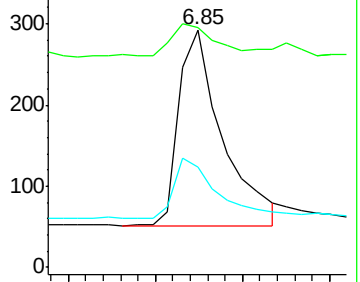
71 29.1 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM004476.D (-258) (-)

Ion 42.00 (41.70 to 42.70): BM004476.D (-258) (-)

Ion 71.00 (70.70 to 71.70): BM004476.D (-258) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.23 ng

RT: 7.05 min Scan# 277

Delta R.T. -0.02 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

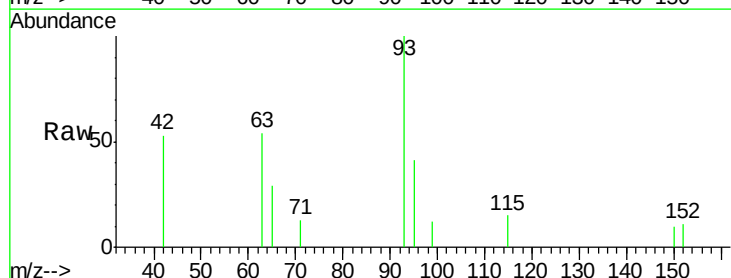
Tgt Ion: 93 Resp: 974

Ion Ratio Lower Upper

93 100

63 62.2 51.7 77.5

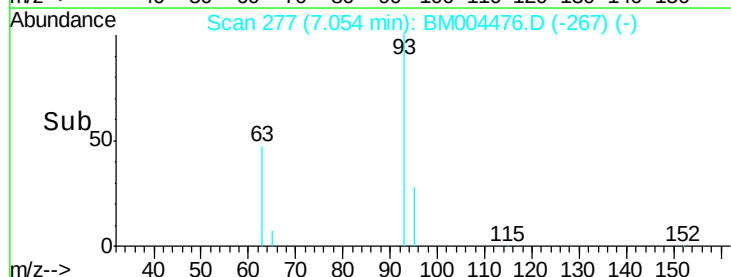
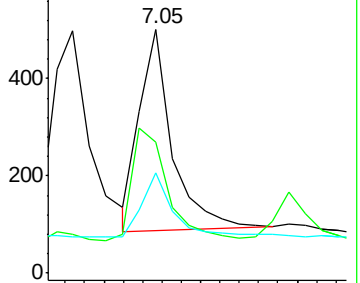
95 31.3 25.4 38.2

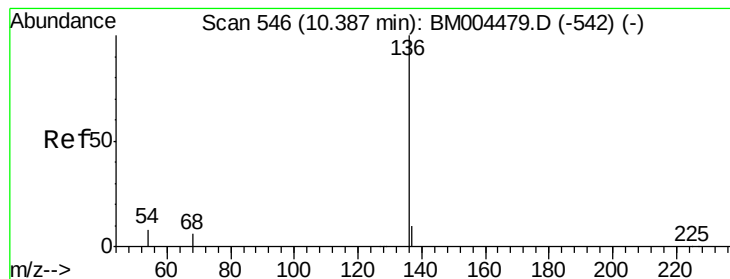


Abundance Ion 93.00 (92.70 to 93.70): BM004476.D (-274) (-)

Ion 63.00 (62.70 to 63.70): BM004476.D (-274) (-)

Ion 95.00 (94.70 to 95.70): BM004476.D (-274) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. -0.04 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

Tgt Ion:136 Resp: 69948

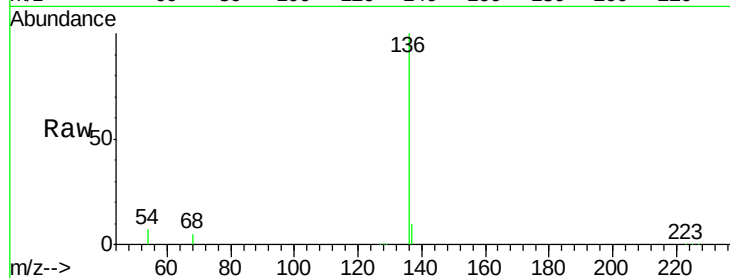
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.2

54 6.8 6.4 9.6

68 5.4 5.0 7.4

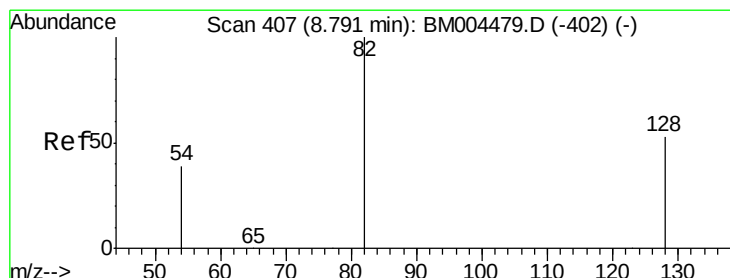
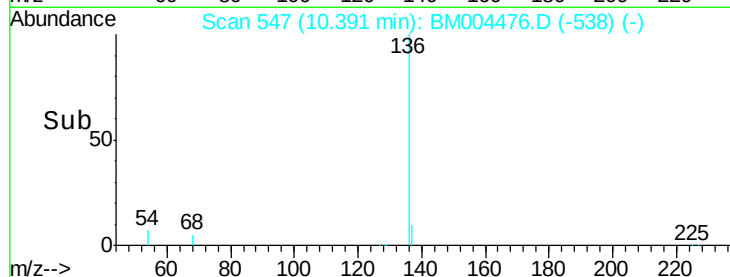
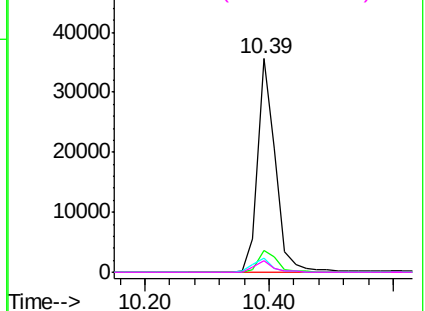


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.21 ng

RT: 8.81 min Scan# 409

Delta R.T. -0.01 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

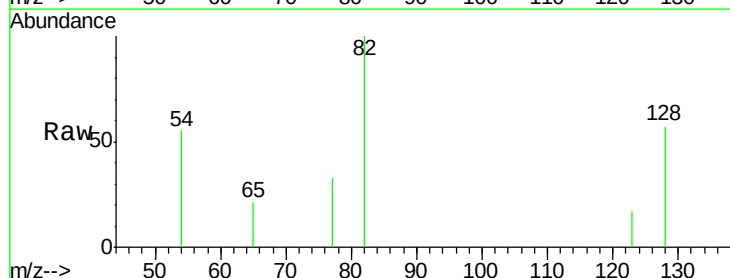
Tgt Ion: 82 Resp: 662

Ion Ratio Lower Upper

82 100

128 56.8 43.7 65.5

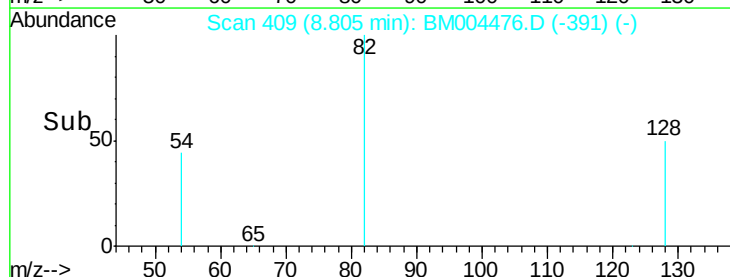
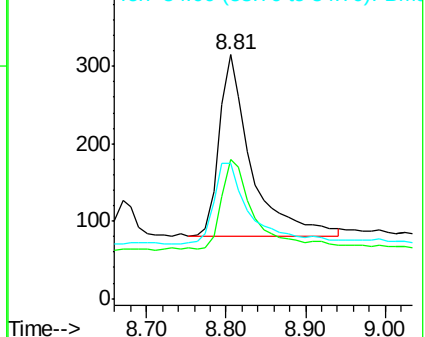
54 55.2 33.5 50.3#

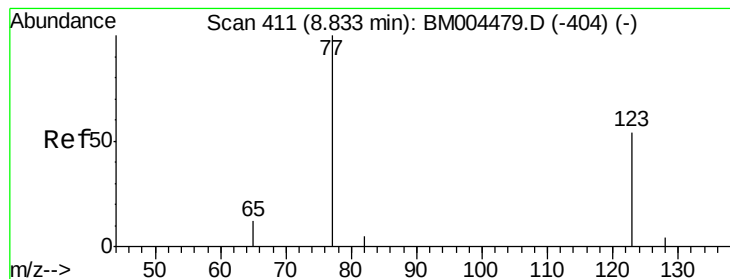


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.24 ng

RT: 8.85 min Scan# 413

Delta R.T. -0.01 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

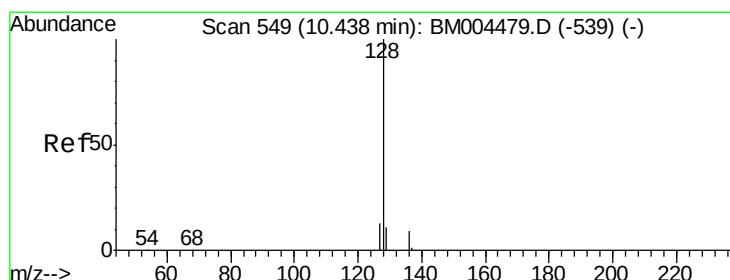
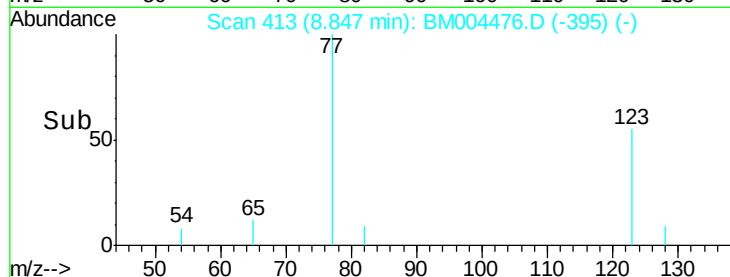
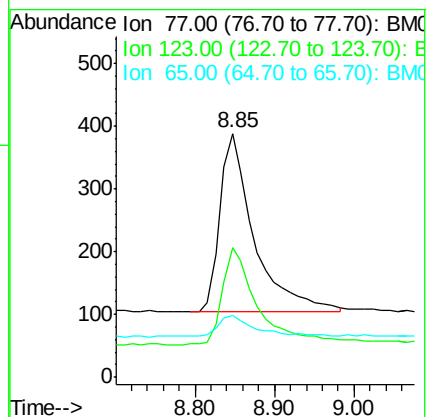
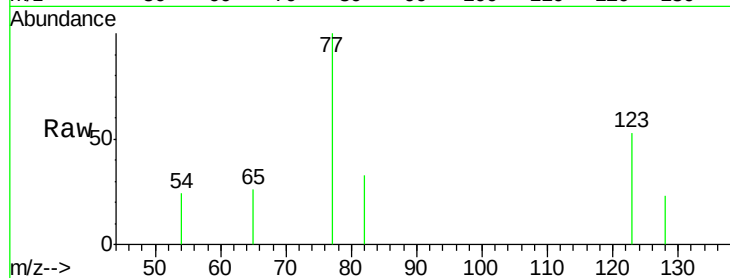
Tgt Ion: 77 Resp: 849

Ion Ratio Lower Upper

77 100

123 55.9 42.2 63.2

65 12.6 10.0 15.0



#10

Naphthalene

Concen: 0.30 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.04 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

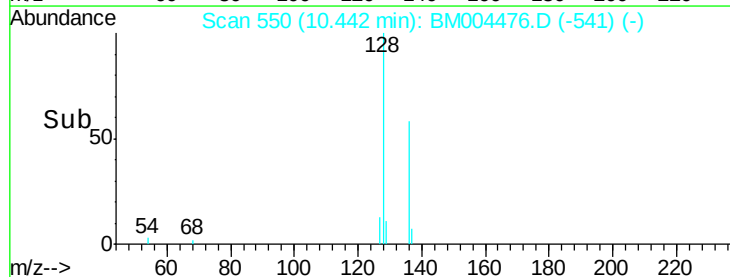
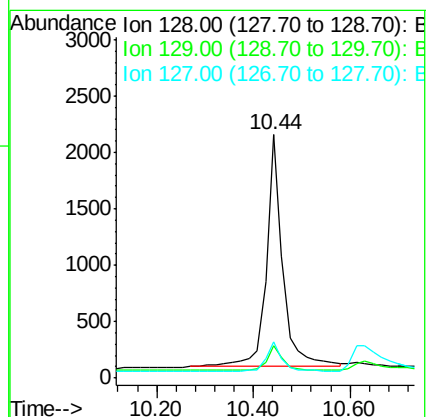
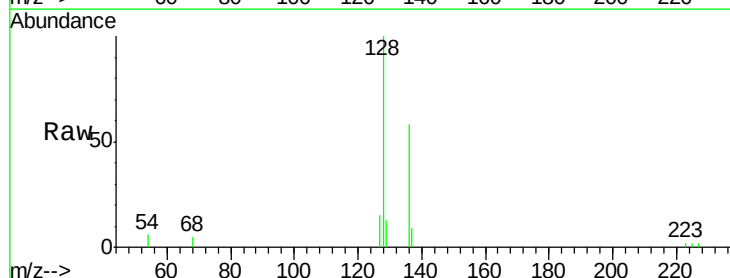
Tgt Ion: 128 Resp: 4928

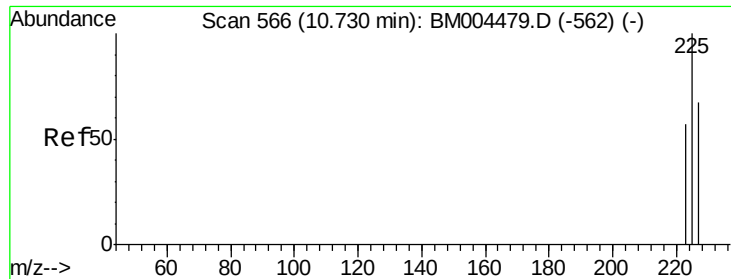
Ion Ratio Lower Upper

128 100

129 13.5 8.9 13.3#

127 15.0 10.9 16.3





#11

Hexachlorobutadiene

Concen: 0.25 ng

RT: 10.73 min Scan# 567

Delta R.T. -0.04 min

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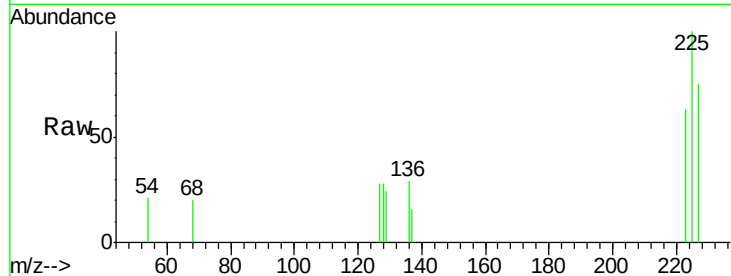
Tgt Ion: 225 Resp: 651

Ion Ratio Lower Upper

225 100

223 65.7 50.2 75.4

227 64.4 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

10.73

400

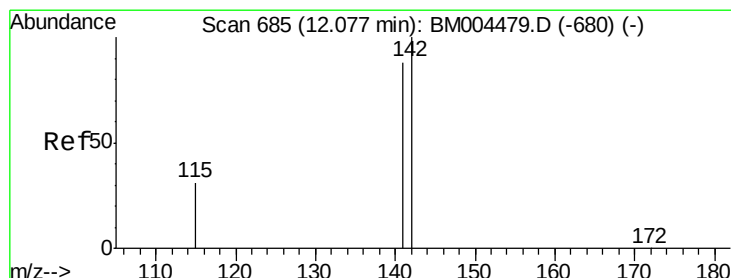
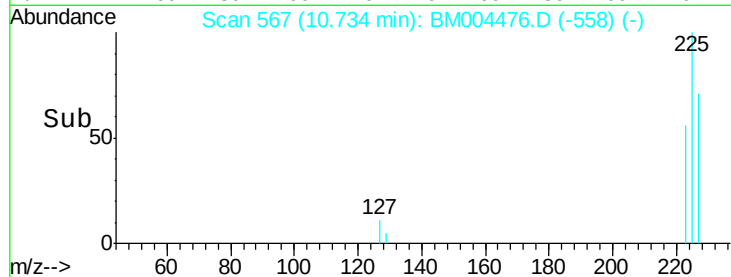
300

200

100

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.22 ng

RT: 12.08 min Scan# 686

Delta R.T. -0.03 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

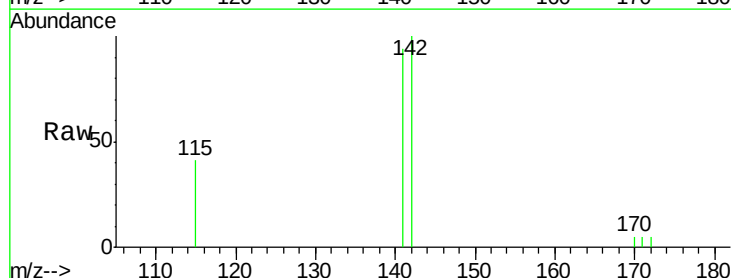
Tgt Ion: 142 Resp: 2376

Ion Ratio Lower Upper

142 100

141 93.9 70.2 105.2

115 41.1 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

12.08

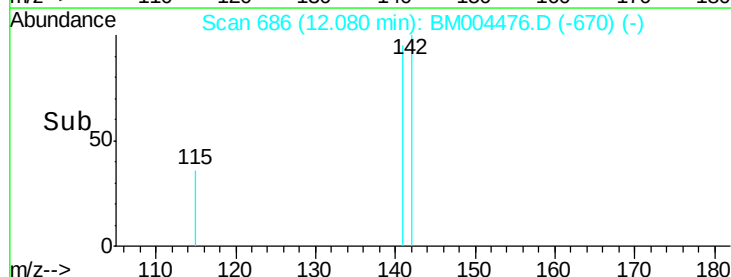
1500

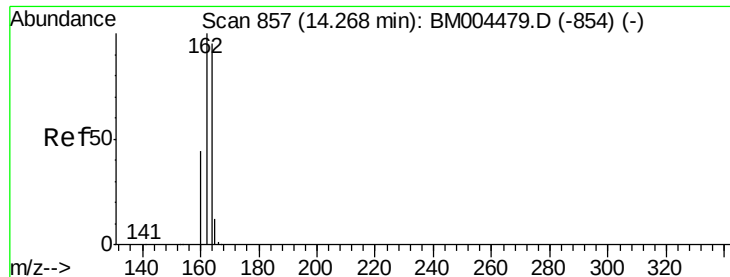
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. -0.03 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

Instrument :

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ClientSampleId :

SSTDIC0.2

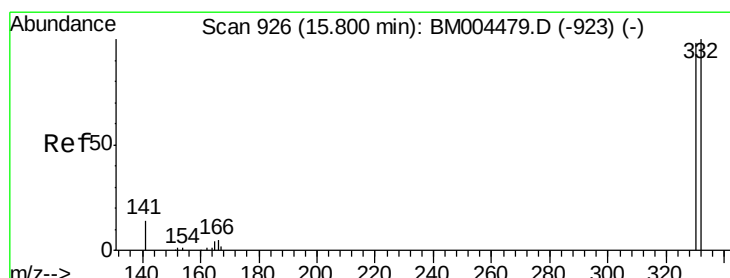
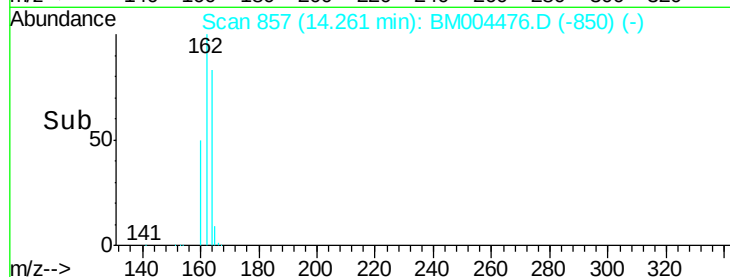
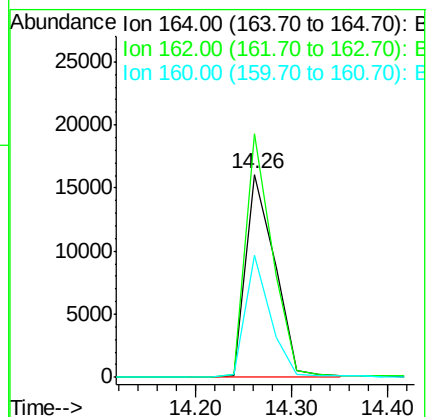
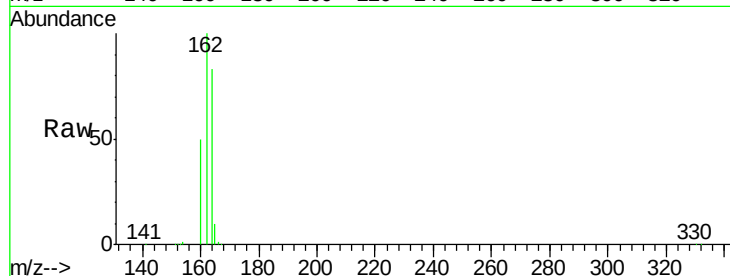
Tgt Ion:164 Resp: 34000

Ion Ratio Lower Upper

164 100

162 120.0 84.2 126.4

160 60.1 37.4 56.2#



#14

2,4,6-Tribromophenol

Concen: 0.27 ng

RT: 15.79 min Scan# 926

Delta R.T. -0.02 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

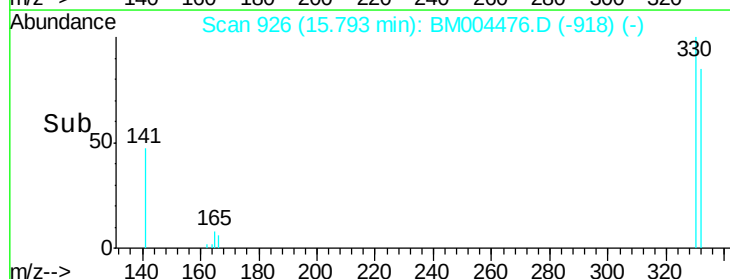
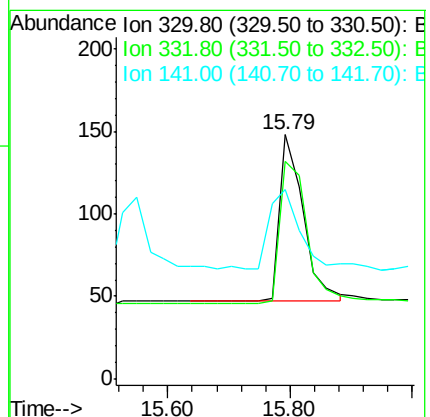
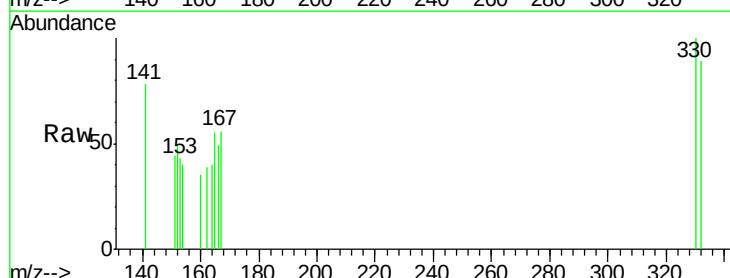
Tgt Ion:330 Resp: 268

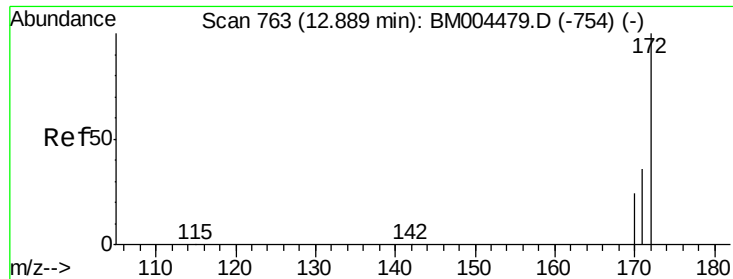
Ion Ratio Lower Upper

330 100

332 96.3 76.1 114.1

141 59.0 0.0 0.0#

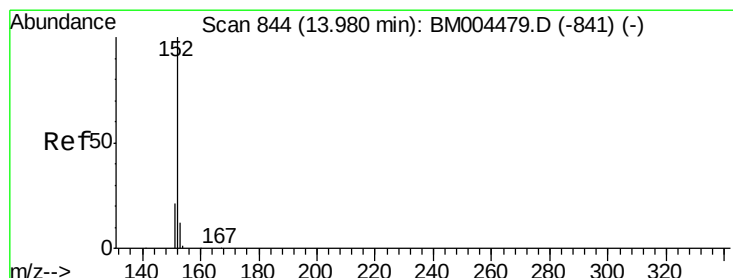
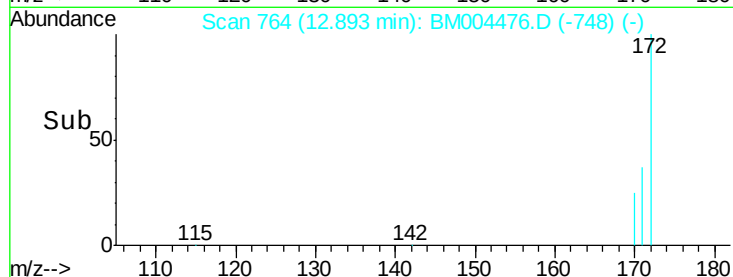
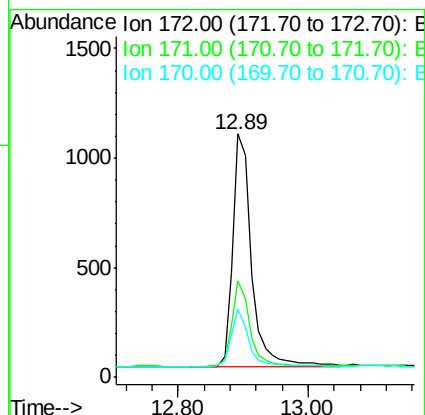
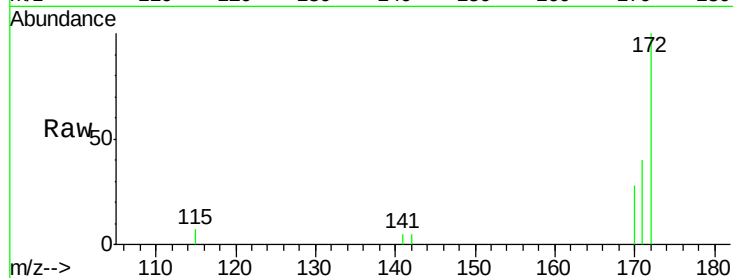




#15
2-Fluorobiphenyl
Concen: 0.20 ng
RT: 12.89 min Scan# 764
Delta R.T. -0.03 min
Lab File: BM004476.D
Acq: 29 Feb 2016 18:09

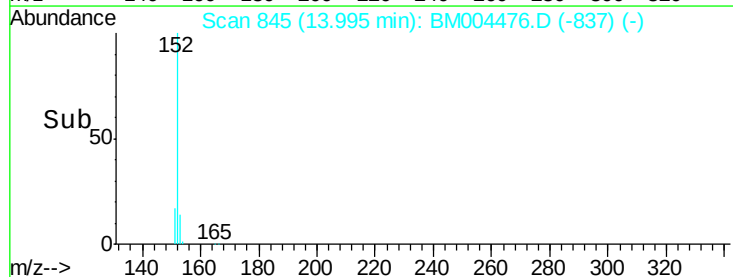
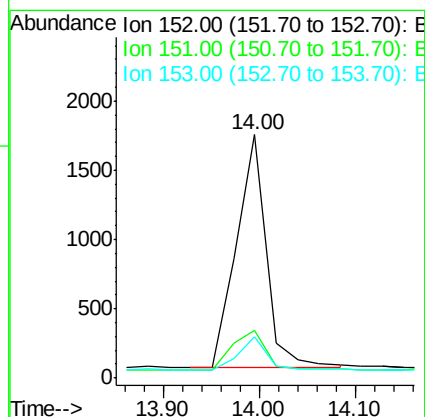
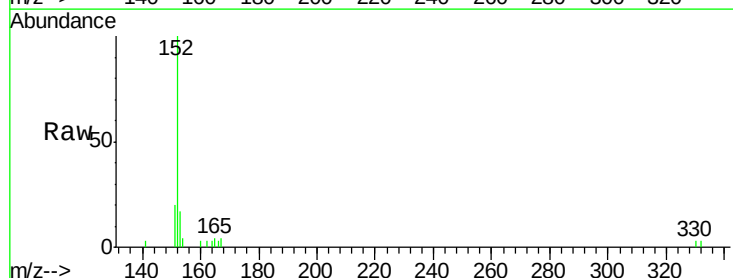
Instrument :
BNA_M
ClientSampled :
SSTDIC0.2

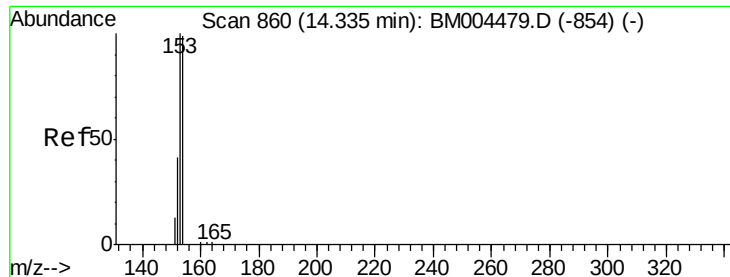
Tgt Ion:172 Resp: 2133
Ion Ratio Lower Upper
172 100
171 39.7 29.2 43.8
170 28.0 19.7 29.5



#16
Acenaphthylene
Concen: 0.25 ng
RT: 14.00 min Scan# 845
Delta R.T. -0.01 min
Lab File: BM004476.D
Acq: 29 Feb 2016 18:09

Tgt Ion:152 Resp: 3674
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 12.8 10.2 15.4

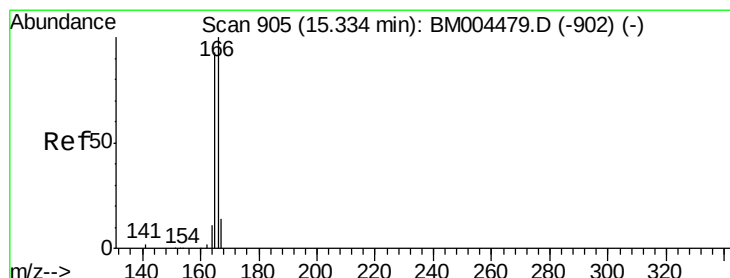
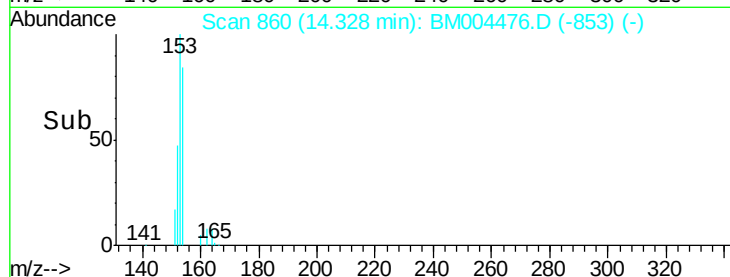
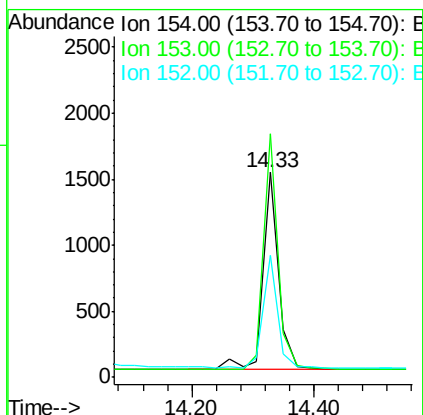
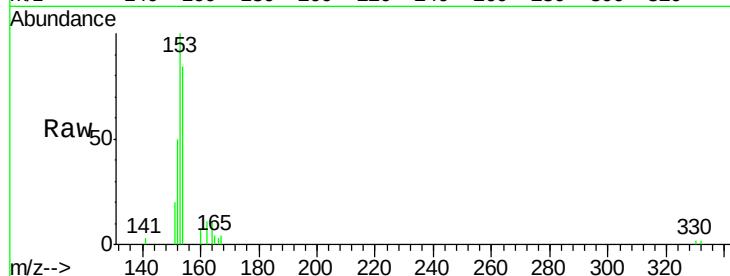




#17
Acenaphthene
Concen: 0.24 ng
RT: 14.33 min Scan# 860
Delta R.T. -0.03 min
Lab File: BM004476.D
Acq: 29 Feb 2016 18:09

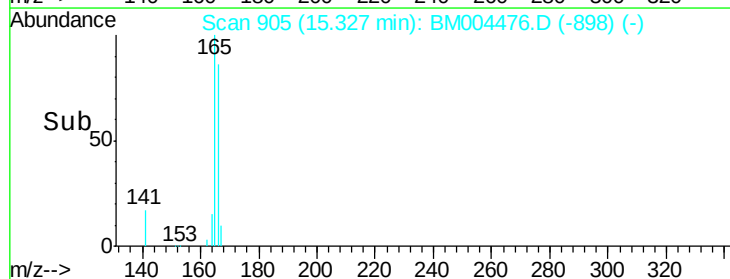
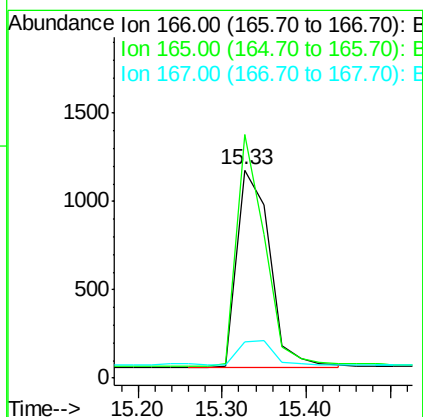
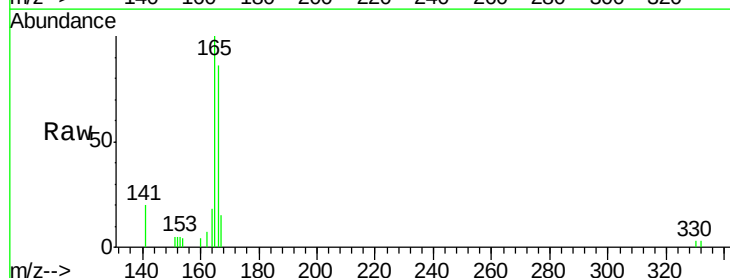
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

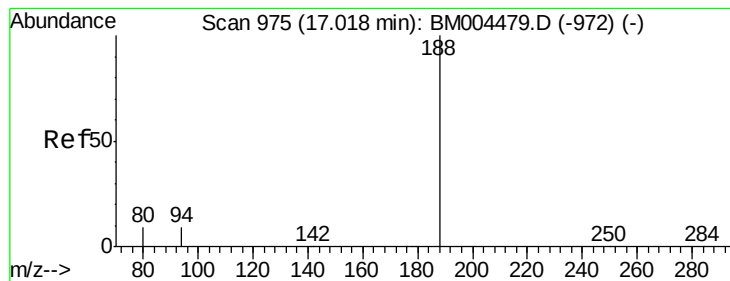
Tgt Ion:154 Resp: 2697
Ion Ratio Lower Upper
154 100
153 109.3 88.0 132.0
152 51.1 41.1 61.7



#18
Fluorene
Concen: 0.22 ng
RT: 15.33 min Scan# 905
Delta R.T. -0.03 min
Lab File: BM004476.D
Acq: 29 Feb 2016 18:09

Tgt Ion:166 Resp: 3038
Ion Ratio Lower Upper
166 100
165 98.6 77.2 115.8
167 0.0 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: BM004476.D

Acq: 29 Feb 2016 18:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

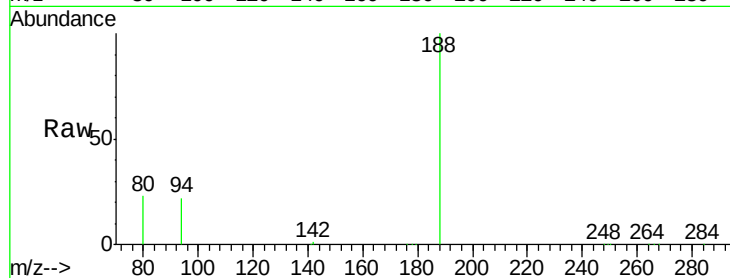
Tgt Ion:188 Resp: 69402

Ion Ratio Lower Upper

188 100

94 21.9 7.4 11.0#

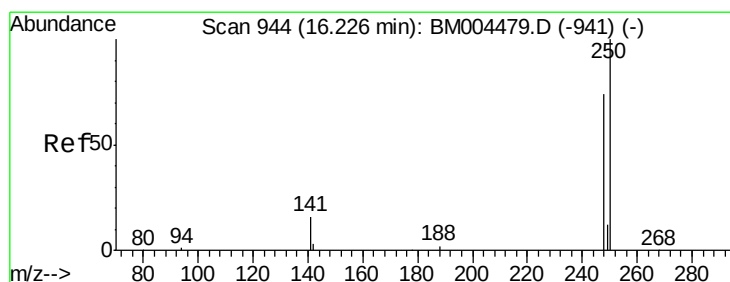
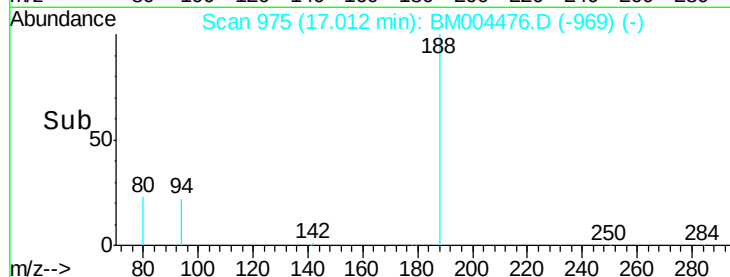
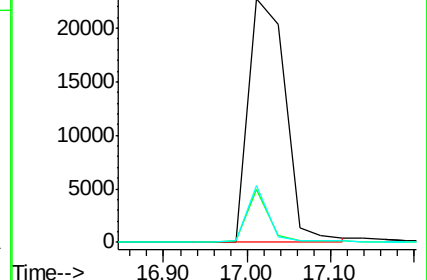
80 23.4 6.9 10.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#20

4-Bromophenyl-phenylether

Concen: 0.41 ng

RT: 16.22 min Scan# 944

Delta R.T. -0.02 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

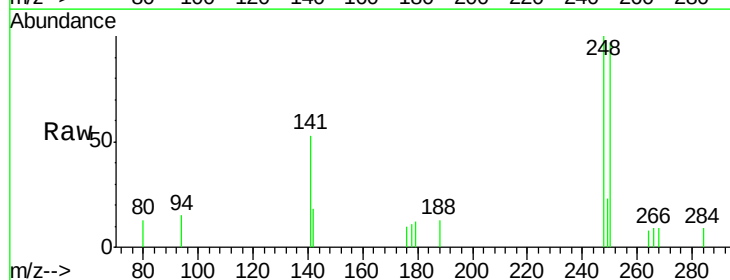
Tgt Ion:248 Resp: 931

Ion Ratio Lower Upper

248 100

250 96.7 81.5 122.3

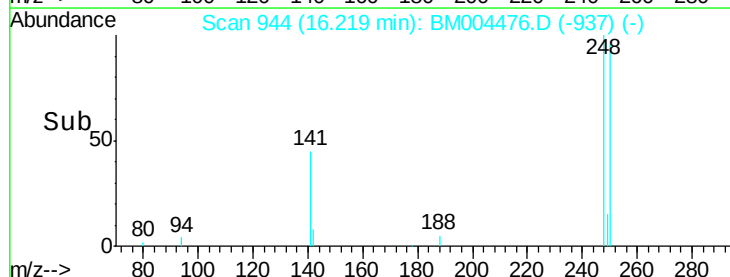
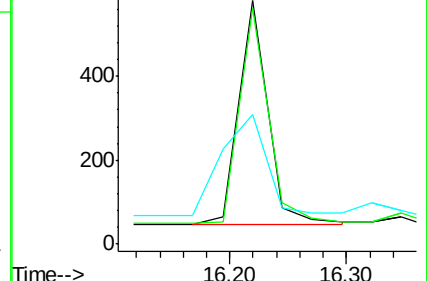
141 71.5 0.0 0.0#

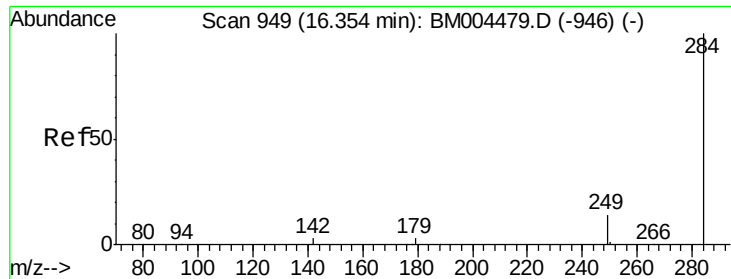


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

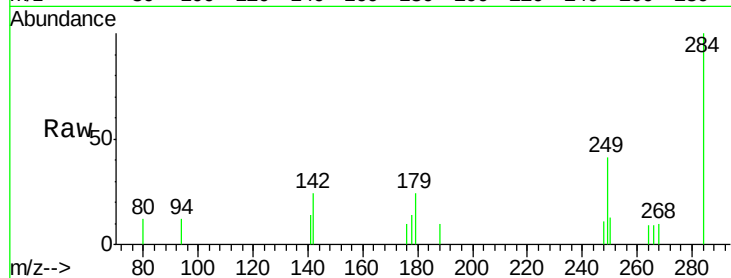




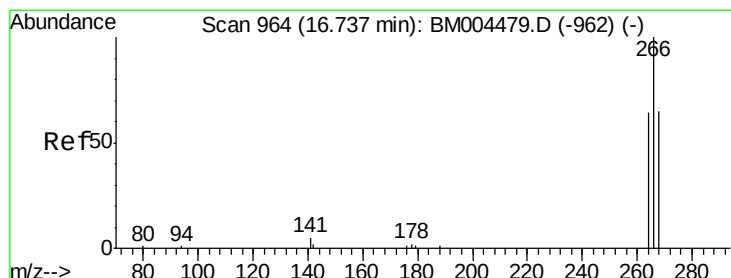
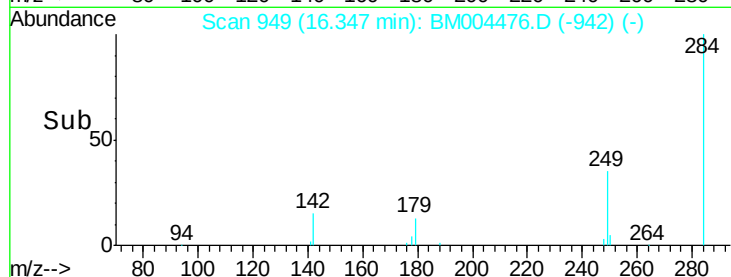
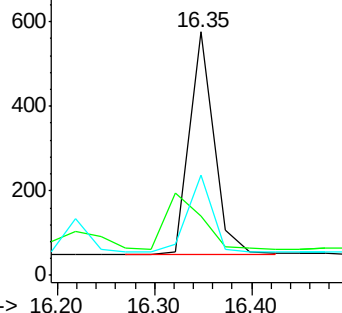
#21
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.35 min Scan# 949
Delta R.T. -0.02 min
Lab File: BM004476.D
Acq: 29 Feb 2016 18:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

Tgt Ion: 284 Resp: 917
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 35.3 0.0 0.0#

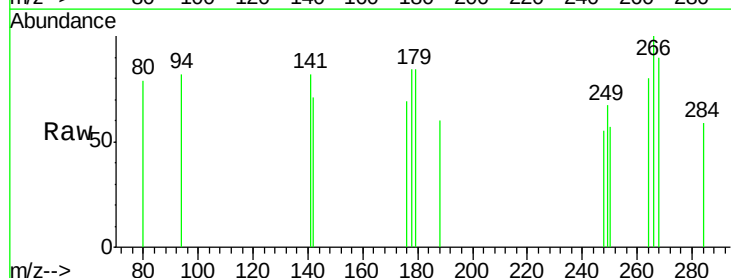


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

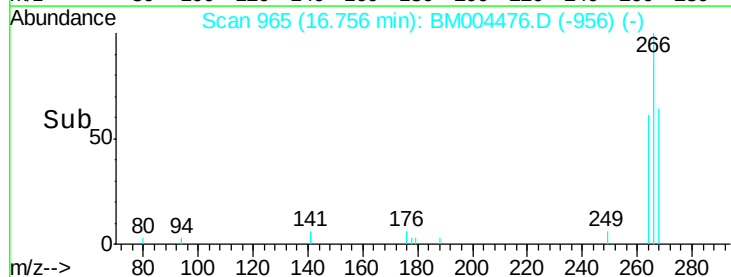
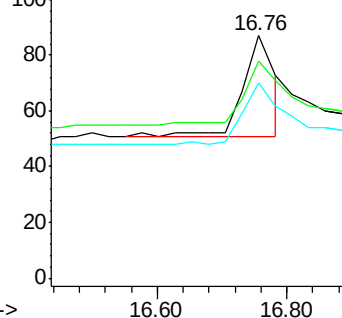


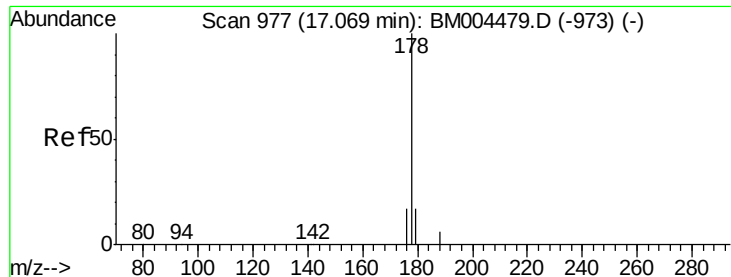
#22
Pentachlorophenol
Concen: 0.20 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.02 min
Lab File: BM004476.D
Acq: 29 Feb 2016 18:09

Tgt Ion: 266 Resp: 121
Ion Ratio Lower Upper
266 100
268 89.7 60.7 91.1
264 80.5 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

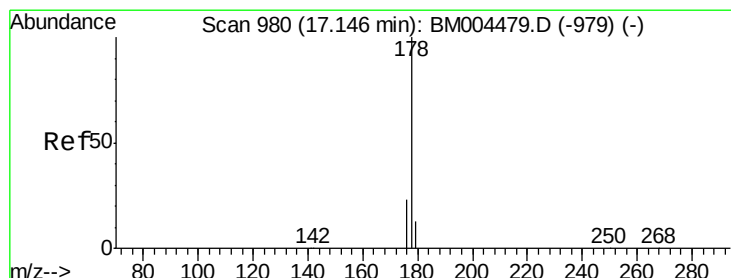
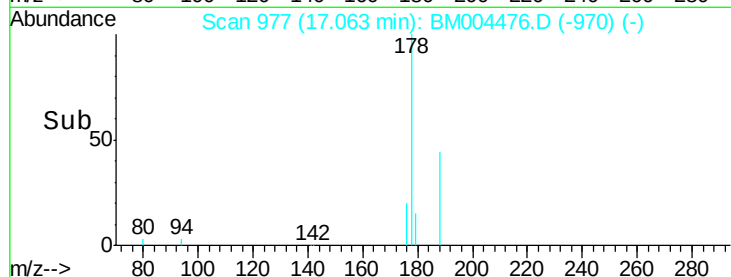
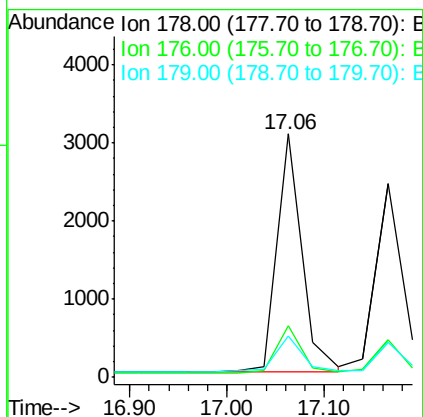
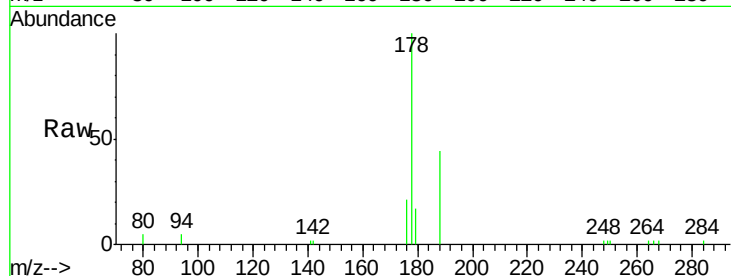




#23
Phenanthrene
Concen: 0.36 ng
RT: 17.06 min Scan# 977
Delta R.T. -0.02 min
Lab File: BM004476.D
Acq: 29 Feb 2016 18:09

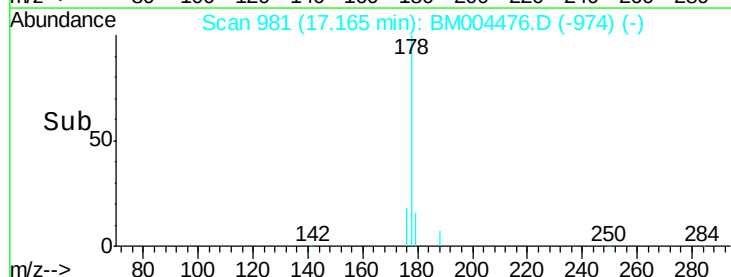
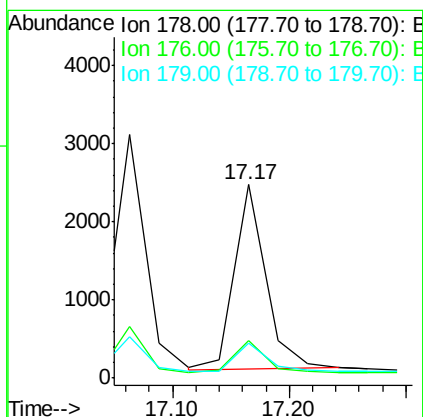
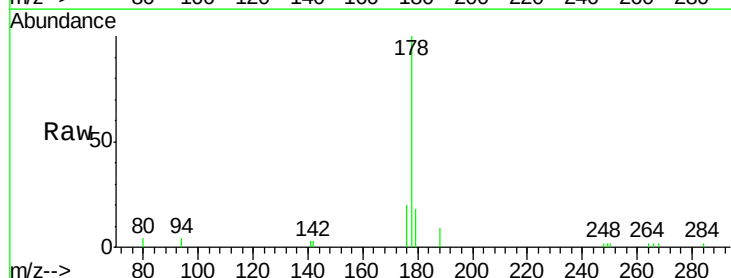
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

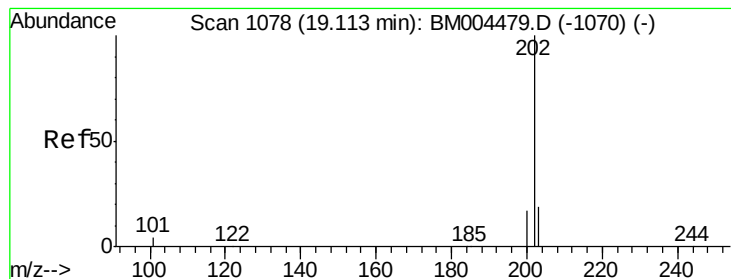
Tgt Ion:178 Resp: 5516
Ion Ratio Lower Upper
178 100
176 19.8 14.7 22.1
179 16.0 12.9 19.3



#24
Anthracene
Concen: 0.28 ng
RT: 17.17 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM004476.D
Acq: 29 Feb 2016 18:09

Tgt Ion:178 Resp: 4482
Ion Ratio Lower Upper
178 100
176 18.1 15.9 23.9
179 15.5 13.9 20.9





#25

Fluoranthene

Concen: 0.30 ng

RT: 19.11 min Scan# 1078

Delta R.T. -0.03 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

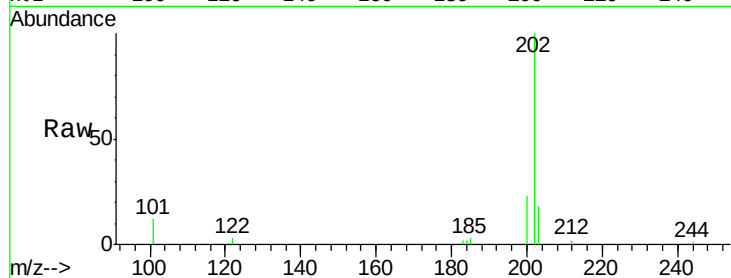
Tgt Ion: 202 Resp: 5686

Ion Ratio Lower Upper

202 100

101 11.5 9.4 14.2

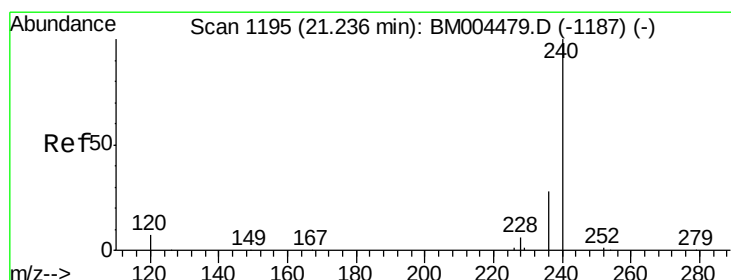
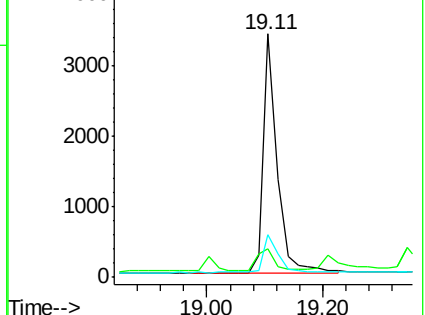
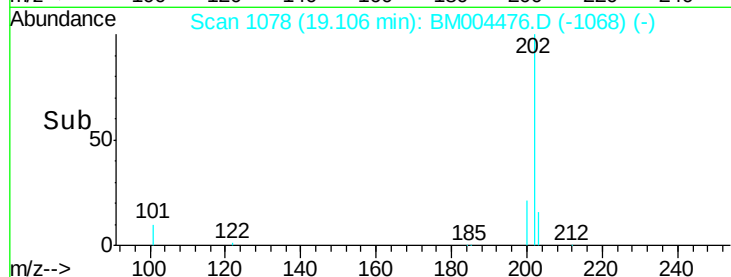
203 17.7 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

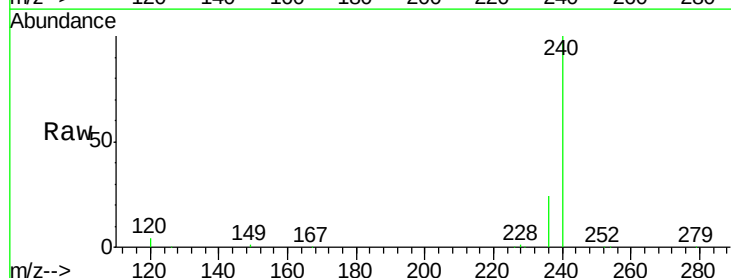
Tgt Ion: 240 Resp: 74505

Ion Ratio Lower Upper

240 100

120 3.6 6.1 9.1#

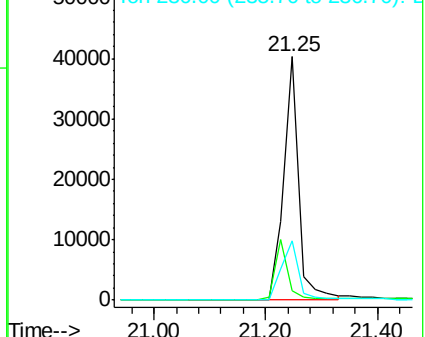
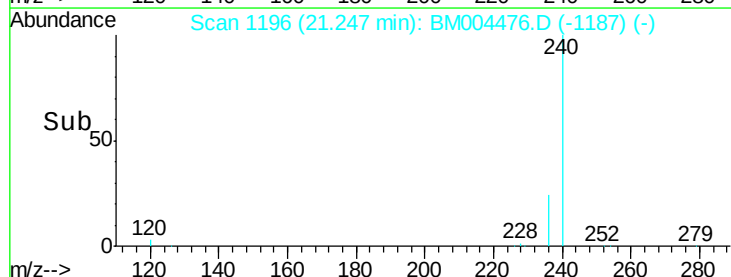
236 24.3 22.6 34.0

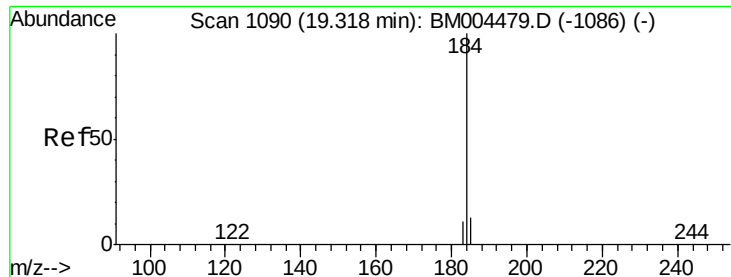


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.44 ng

RT: 19.35 min Scan# 1092

Delta R.T. 0.02 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

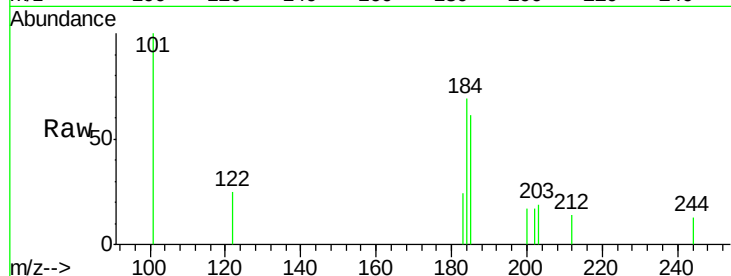
Tgt Ion:184 Resp: 1635

Ion Ratio Lower Upper

184 100

185 88.1 16.6 24.8#

183 34.1 12.3 18.5#



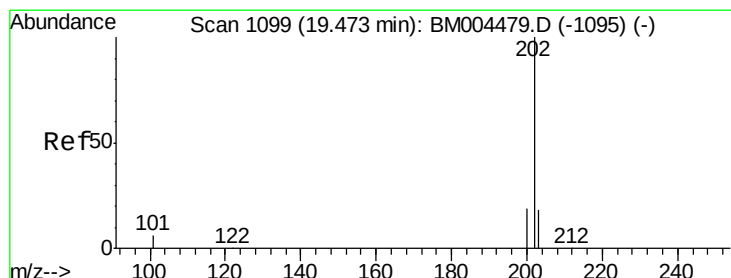
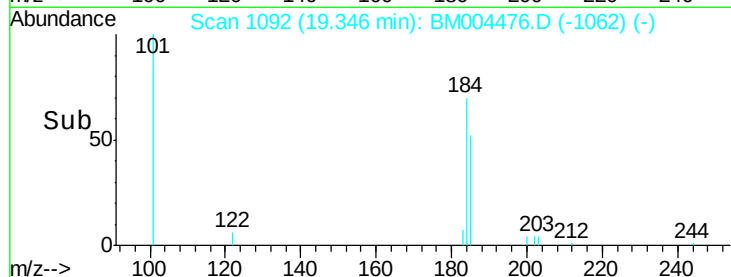
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.35

Time-->



#28

Pyrene

Concen: 0.28 ng

RT: 19.48 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

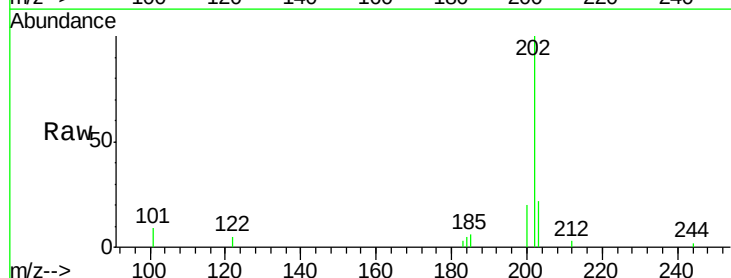
Tgt Ion:202 Resp: 5905

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

203 18.2 14.1 21.1



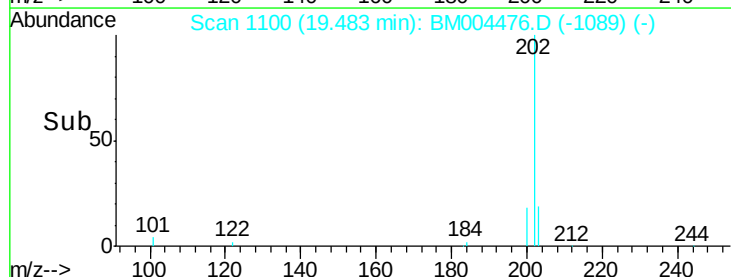
Abundance Ion 202.00 (201.70 to 202.70): E

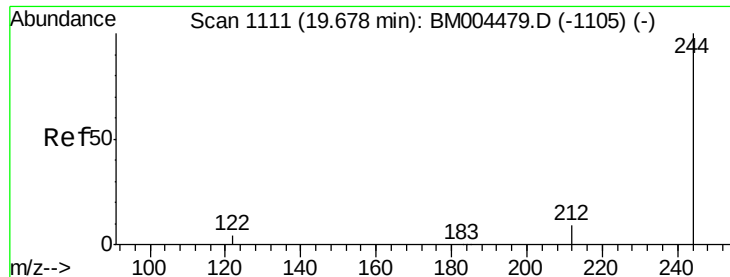
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.48

Time-->





#29

Terphenyl-d14

Concen: 0.20 ng

RT: 19.67 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

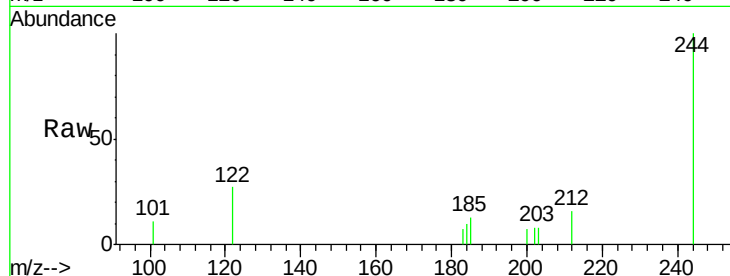
Tgt Ion:244 Resp: 1931

Ion Ratio Lower Upper

244 100

212 15.7 7.5 11.3#

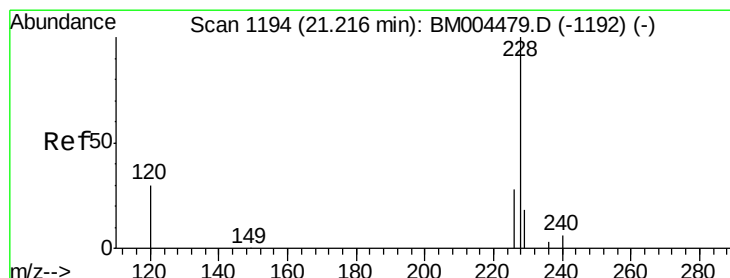
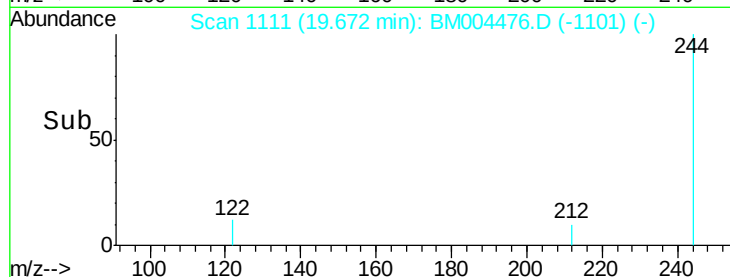
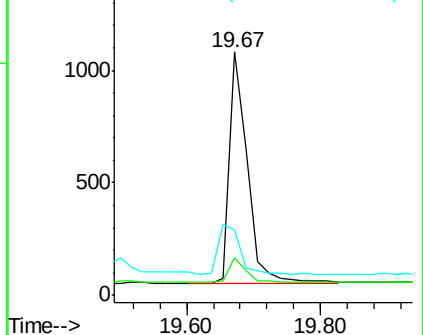
122 27.2 4.2 6.2#



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: 0.96 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.03 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

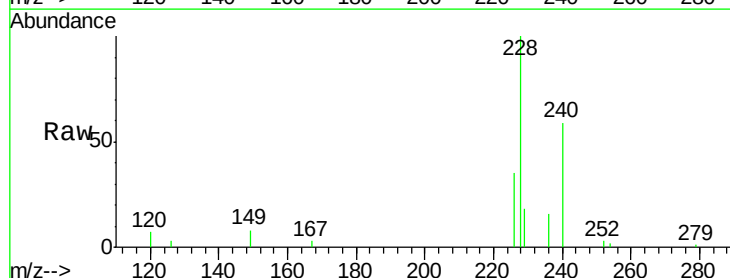
Tgt Ion:228 Resp: 21906

Ion Ratio Lower Upper

228 100

226 35.2 22.8 34.2#

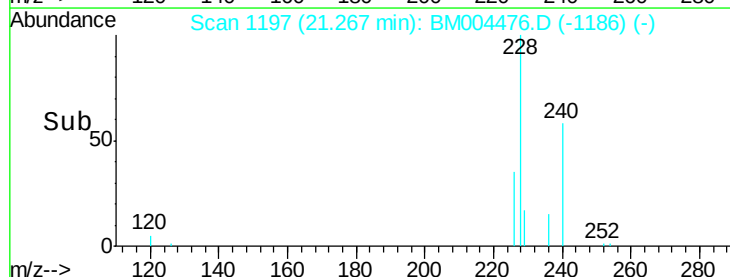
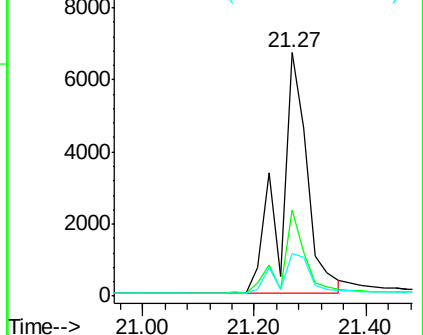
229 17.7 14.6 22.0

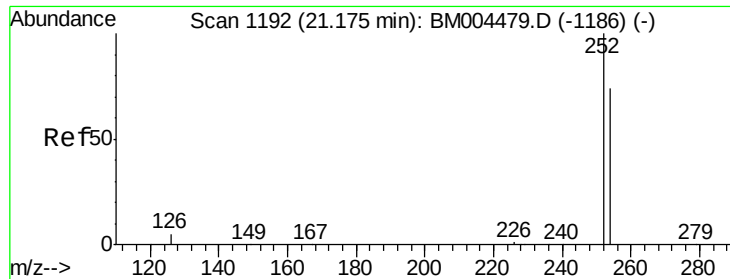


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

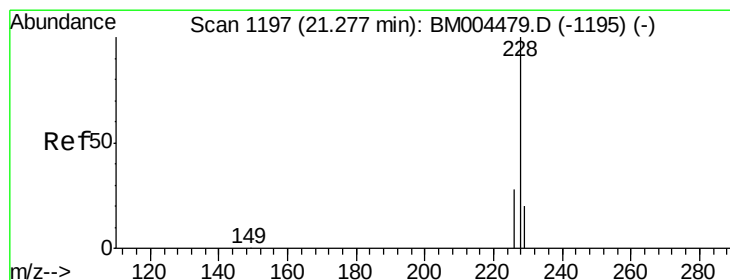
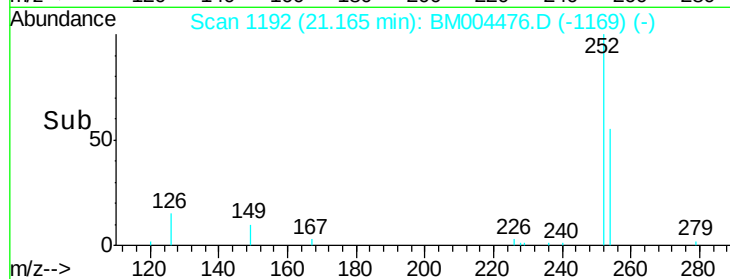
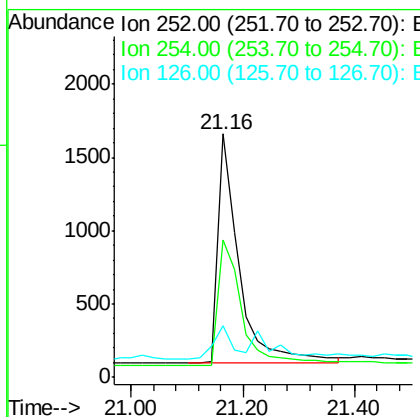
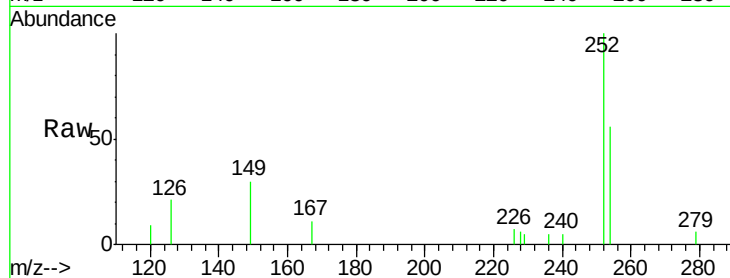




#31
 3,3'-Dichlorobenzidine
 Concen: 0.76 ng
 RT: 21.16 min Scan# 1192
 Delta R.T. -0.03 min
 Lab File: BM004476.D
 Acq: 29 Feb 2016 18:09

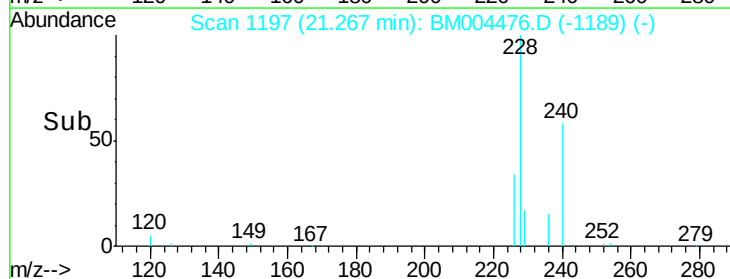
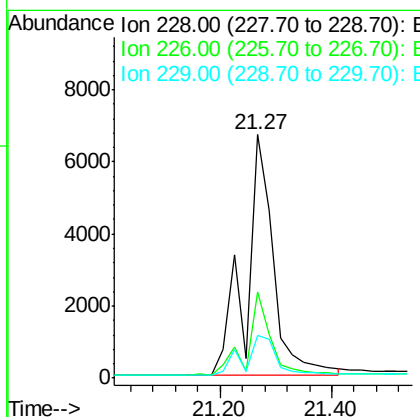
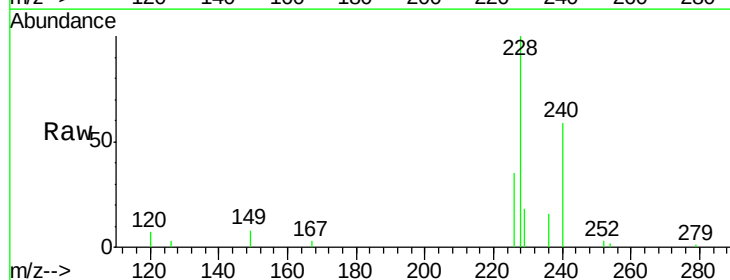
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

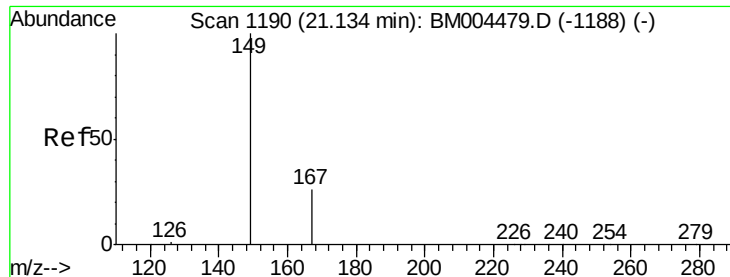
Tgt Ion: 252 Resp: 4126
 Ion Ratio Lower Upper
 252 100
 254 56.2 59.4 89.0#
 126 21.0 5.5 8.3#



#32
 Chrysene
 Concen: 1.08 ng
 RT: 21.27 min Scan# 1197
 Delta R.T. -0.03 min
 Lab File: BM004476.D
 Acq: 29 Feb 2016 18:09

Tgt Ion: 228 Resp: 22669
 Ion Ratio Lower Upper
 228 100
 226 35.2 21.4 32.2#
 229 17.7 17.1 25.7





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.44 ng

RT: 21.14 min Scan# 1191

Delta R.T. -0.03 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

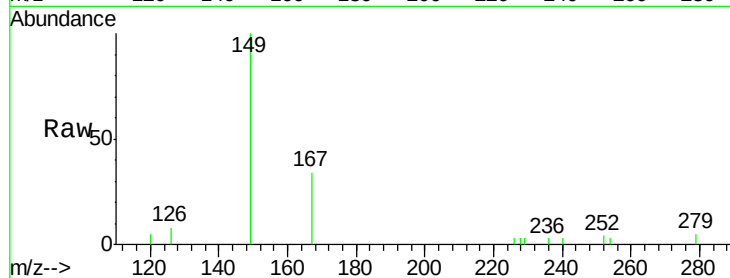
Tgt Ion:149 Resp: 4181

Ion Ratio Lower Upper

149 100

167 29.0 21.2 31.8

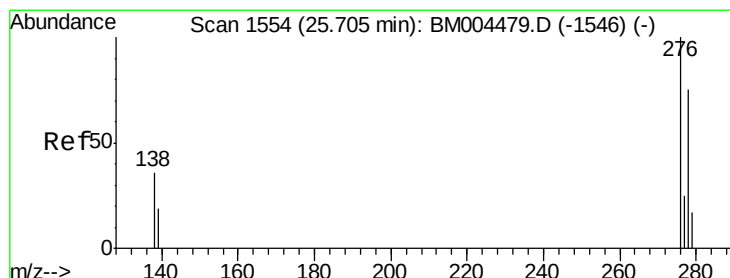
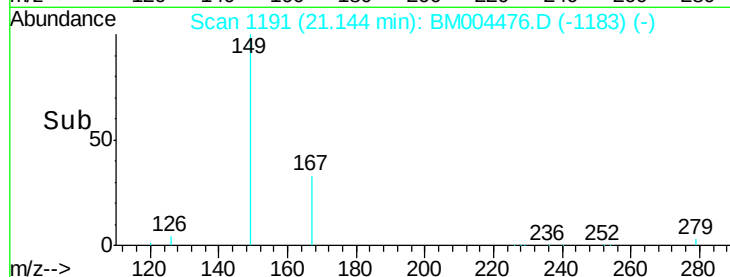
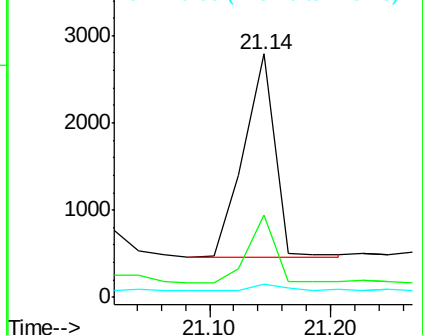
279 2.9 0.0 0.0#



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: 0.23 ng

RT: 25.72 min Scan# 1556

Delta R.T. -0.03 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

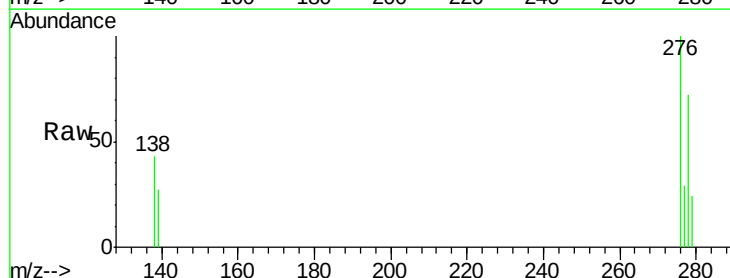
Tgt Ion:276 Resp: 5046

Ion Ratio Lower Upper

276 100

138 37.8 30.4 45.6

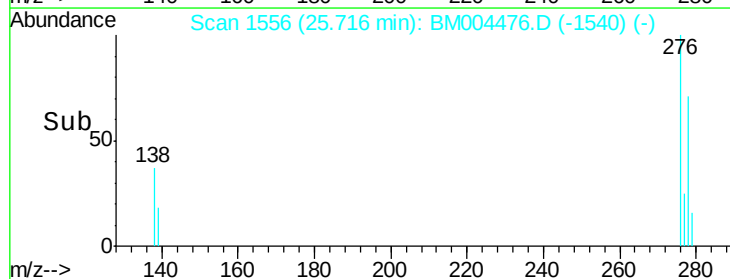
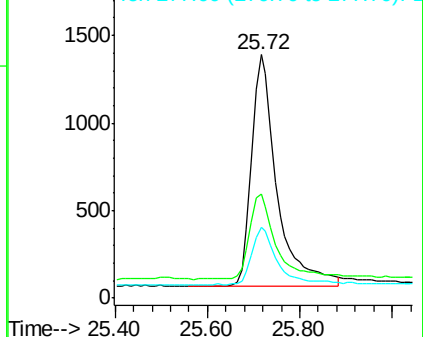
277 24.9 19.8 29.8

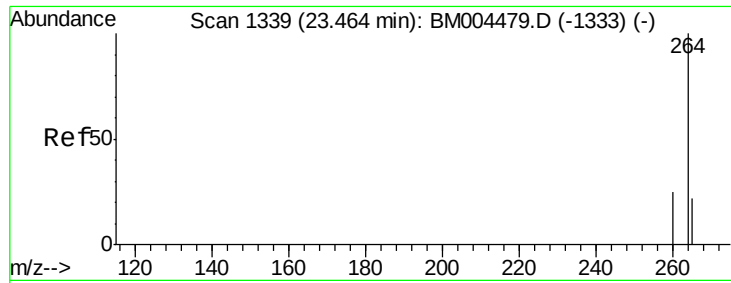


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

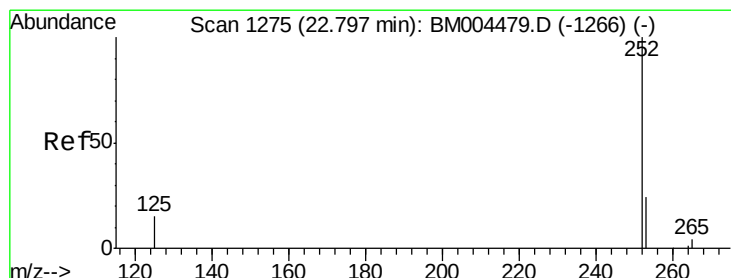
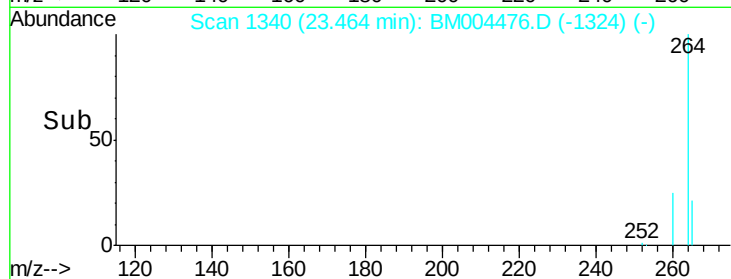
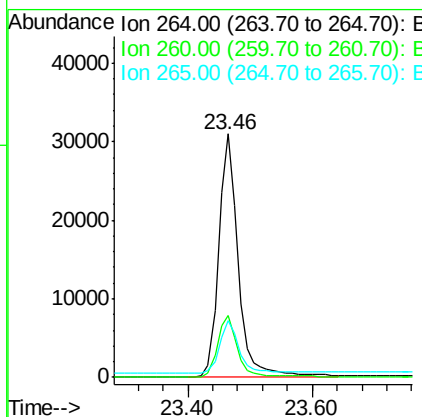
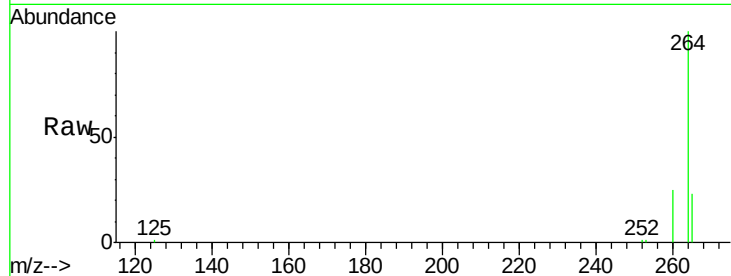




#35
Perylene-d12
 Concen: 5.00 ng
 RT: 23.46 min Scan# 1340
 Delta R.T. -0.03 min
 Lab File: BM004476.D
 Acq: 29 Feb 2016 18:09

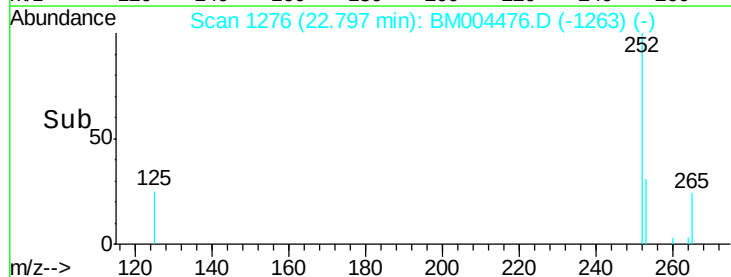
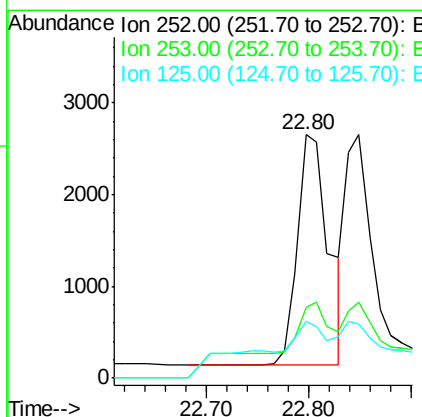
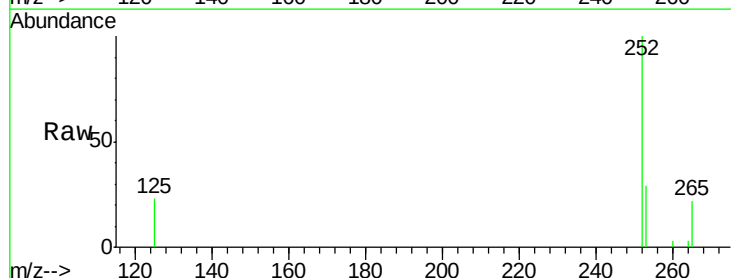
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

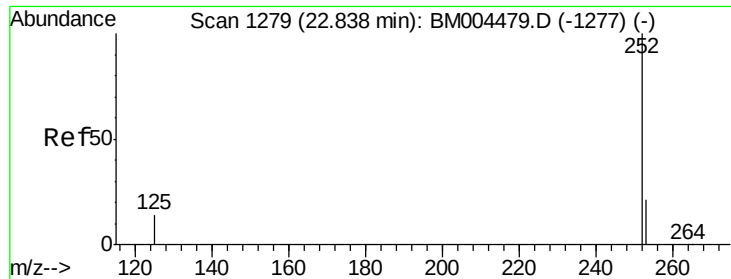
Tgt Ion: 264 Resp: 66830
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.8 29.6
 265 23.1 18.9 28.3



#36
Benzo(b)fluoranthene
 Concen: 0.27 ng
 RT: 22.80 min Scan# 1276
 Delta R.T. -0.03 min
 Lab File: BM004476.D
 Acq: 29 Feb 2016 18:09

Tgt Ion: 252 Resp: 5682
 Ion Ratio Lower Upper
 252 100
 253 29.0 18.8 28.2#
 125 23.4 11.8 17.8#





#37

Benzo(k)fluoranthene

Concen: 0.25 ng

RT: 22.85 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

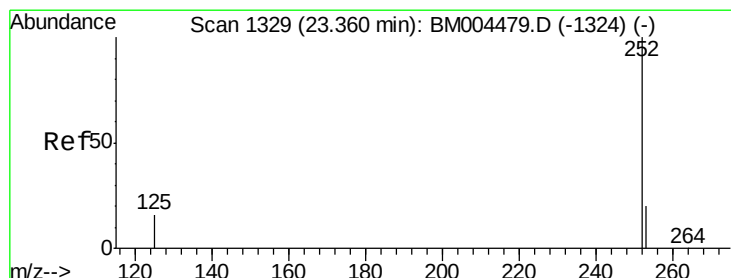
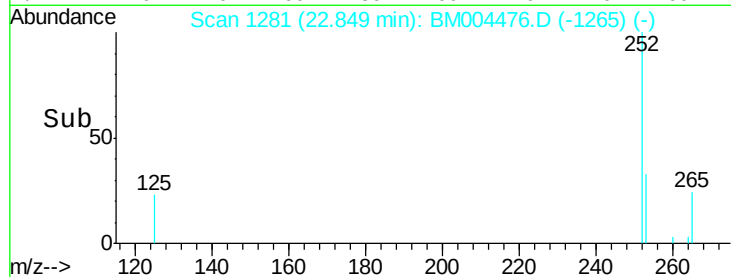
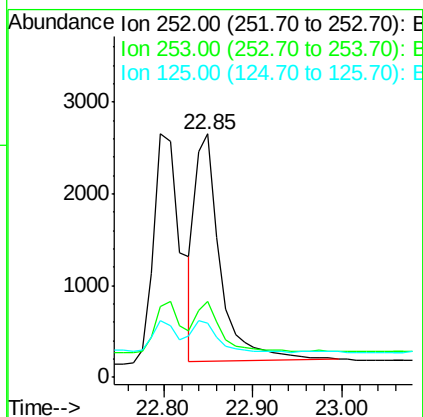
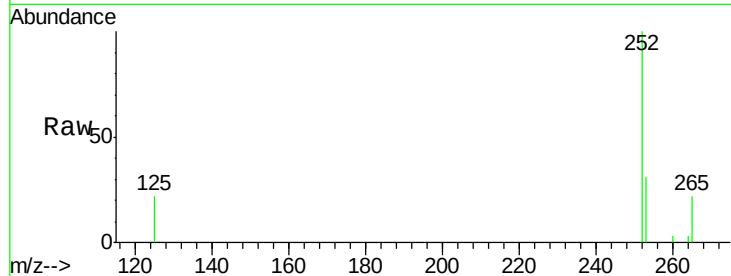
Tgt Ion:252 Resp: 4801

Ion Ratio Lower Upper

252 100

253 30.9 18.3 27.5#

125 22.1 12.2 18.4#



#38

Benzo(a)pyrene

Concen: 0.24 ng

RT: 23.37 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

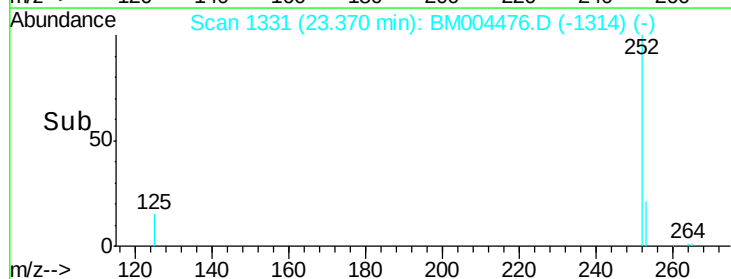
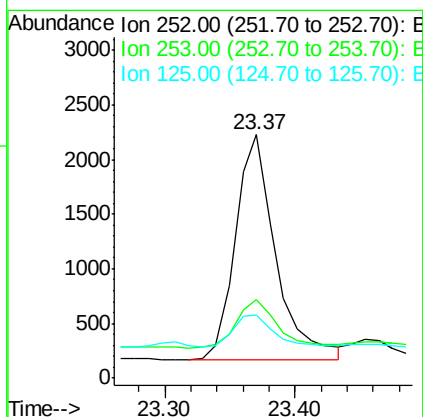
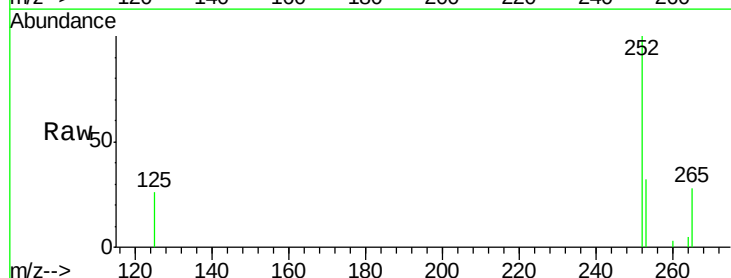
Tgt Ion:252 Resp: 4453

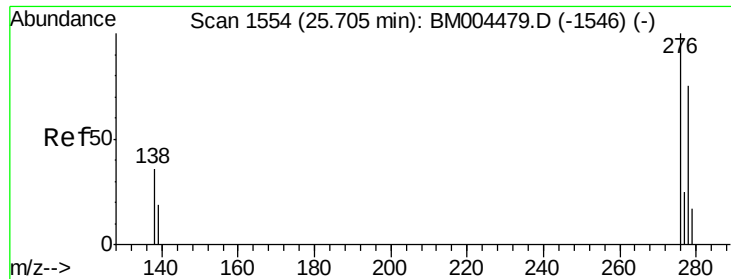
Ion Ratio Lower Upper

252 100

253 32.5 18.0 27.0#

125 25.9 14.3 21.5#





#39

Dibenzo(a,h)anthracene

Concen: 0.24 ng

RT: 25.72 min Scan# 1556

Delta R.T. -0.04 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

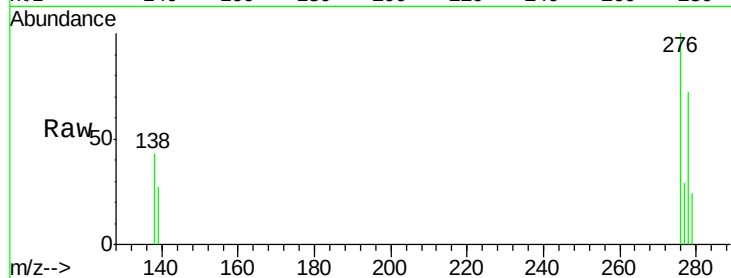
Tgt Ion: 278 Resp: 3925

Ion Ratio Lower Upper

278 100

139 36.9 21.2 31.8#

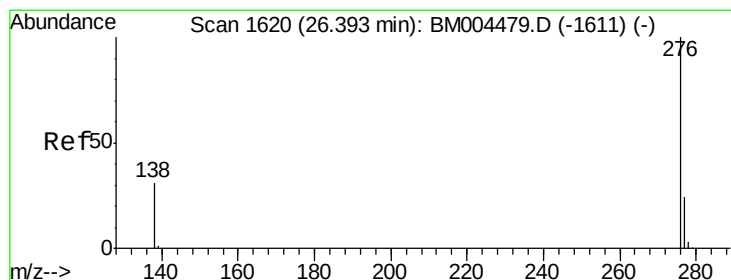
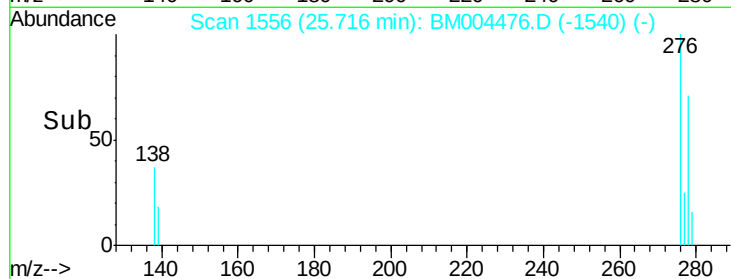
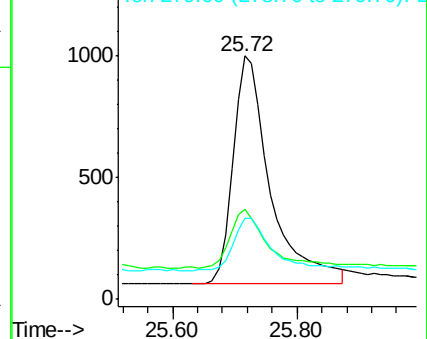
279 33.3 19.6 29.4#



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: 0.24 ng

RT: 26.40 min Scan# 1622

Delta R.T. -0.03 min

Lab File: BM004476.D

Acq: 29 Feb 2016 18:09

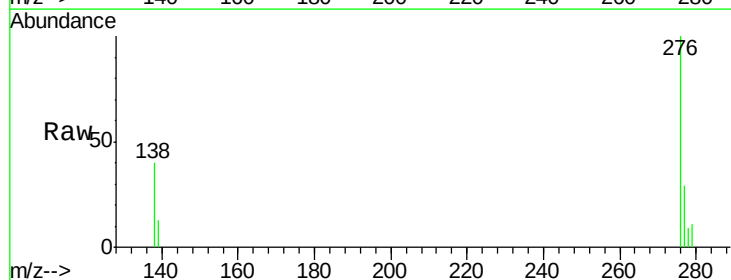
Tgt Ion: 276 Resp: 4386

Ion Ratio Lower Upper

276 100

277 28.8 19.6 29.4

138 39.8 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

