

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022916\
 Data File : BM004477.D
 Acq On : 29 Feb 2016 18:46
 Operator : SJ/UM
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Quant Time: Mar 01 00:29:23 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	17554	5.00	ng	-0.04
7) Naphthalene-d8	10.39	136	68348	5.00	ng	-0.04
13) Acenaphthene-d10	14.26	164	32995	5.00	ng	-0.04
19) Phenanthrene-d10	17.01	188	66968	5.00	ng	-0.04
26) Chrysene-d12	21.25	240	73725	5.00	ng	-0.01
35) Perylene-d12	23.46	264	65582	5.00	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	2100	0.57	ng	-0.03
5) Phenol-d6	6.83	99	2282	0.51	ng	0.00
8) Nitrobenzene-d5	8.79	82	1732	0.57	ng	-0.02
14) 2,4,6-Tribromophenol	15.79	330	700	0.72	ng	-0.02
15) 2-Fluorobiphenyl	12.89	172	5460	0.54	ng	-0.03
29) Terphenyl-d14	19.67	244	4957	0.52	ng	-0.03

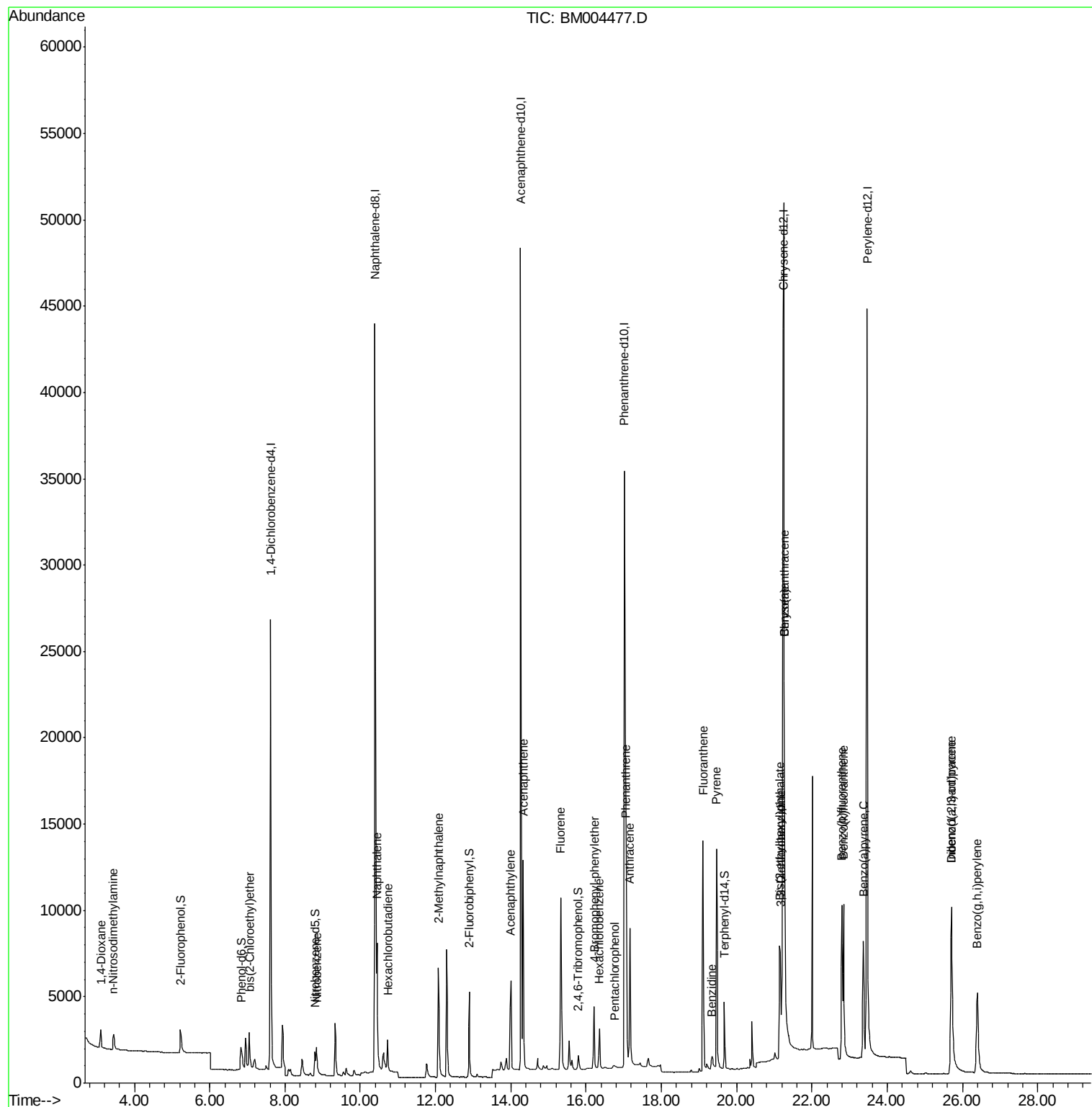
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	980	0.51	ng	# 86
3) n-Nitrosodimethylamine	3.43	42	887	0.56	ng	# 99
6) bis(2-Chloroethyl)ether	7.05	93	2387	0.58	ng	97
9) Nitrobenzene	8.84	77	2288	0.65	ng	98
10) Naphthalene	10.44	128	10607	0.66	ng	99
11) Hexachlorobutadiene	10.73	225	1646	0.66	ng	99
12) 2-Methylnaphthalene	12.08	142	6038	0.57	ng	99
16) Acenaphthylene	14.00	152	9486	0.65	ng	99
17) Acenaphthene	14.33	154	6778	0.62	ng	99
18) Fluorene	15.33	166	7971	0.60	ng	96
20) 4-Bromophenyl-phenylether	16.22	248	2306	1.04	ng	# 98
21) Hexachlorobenzene	16.35	284	2573	1.10	ng	# 100
22) Pentachlorophenol	16.76	266	275	0.47	ng	95
23) Phenanthrene	17.06	178	13908	0.95	ng	99
24) Anthracene	17.16	178	11105	0.72	ng	96
25) Fluoranthene	19.11	202	14514	0.79	ng	100
27) Benzidine	19.33	184	2584	0.70	ng	# 66
28) Pyrene	19.47	202	15057	0.71	ng	100
30) Benzo(a)anthracene	21.27	228	35819	1.59	ng	93
31) 3,3'-Dichlorobenzidine	21.16	252	8186	1.53	ng	# 83
32) Chrysene	21.27	228	36688	1.77	ng	# 89
33) Bis(2-ethylhexyl)phthalate	21.14	149	9064	0.96	ng	# 96
34) Indeno(1,2,3-cd)pyrene	25.71	276	12869	0.59	ng	100
36) Benzo(b)fluoranthene	22.80	252	11838	0.58	ng	96
37) Benzo(k)fluoranthene	22.84	252	13129	0.70	ng	97
38) Benzo(a)pyrene	23.37	252	11962	0.66	ng	94
39) Dibenzo(a,h)anthracene	25.71	278	10016	0.62	ng	94
40) Benzo(g,h,i)perylene	26.39	276	11166	0.63	ng	97

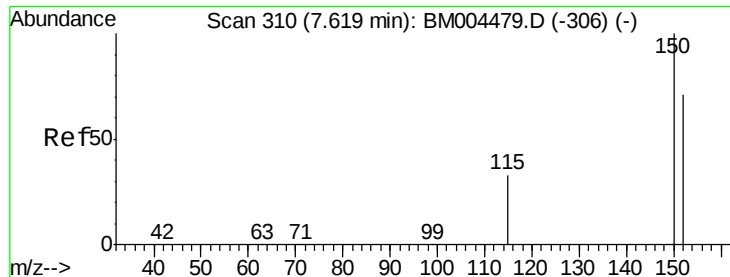
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 01 00:23:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.62 min Scan# 310

Delta R.T. -0.04 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

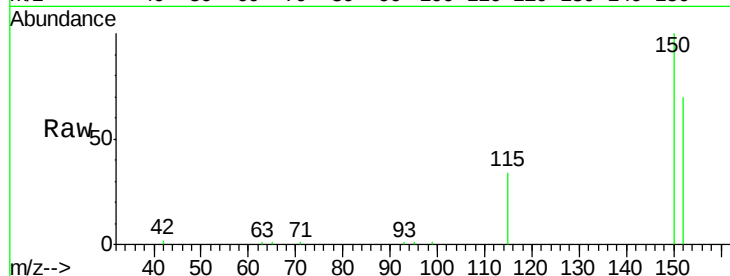
Tgt Ion: 152 Resp: 17554

Ion Ratio Lower Upper

152 100

150 142.2 111.9 167.9

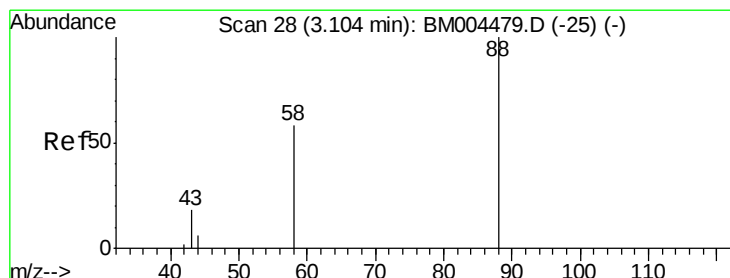
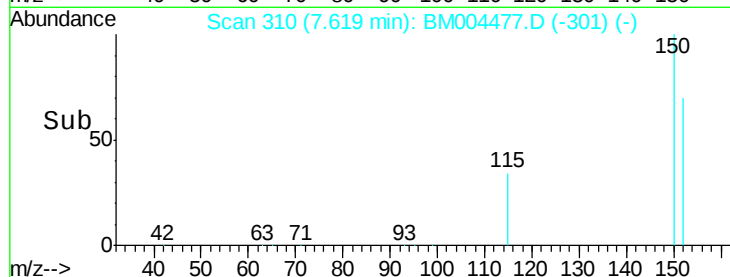
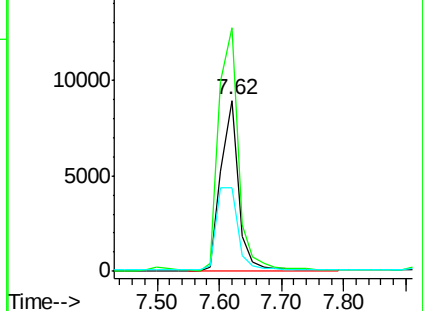
115 48.7 37.7 56.5



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: 0.51 ng

RT: 3.10 min Scan# 28

Delta R.T. -0.05 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

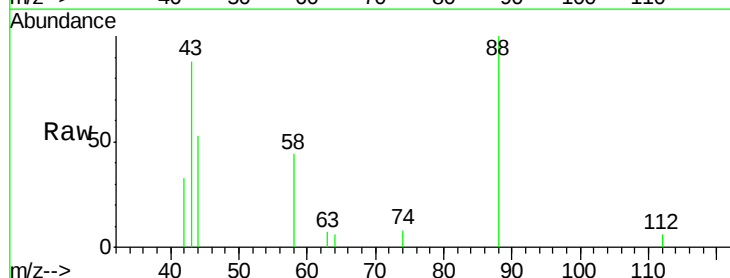
Tgt Ion: 88 Resp: 980

Ion Ratio Lower Upper

88 100

58 55.6 45.4 68.0

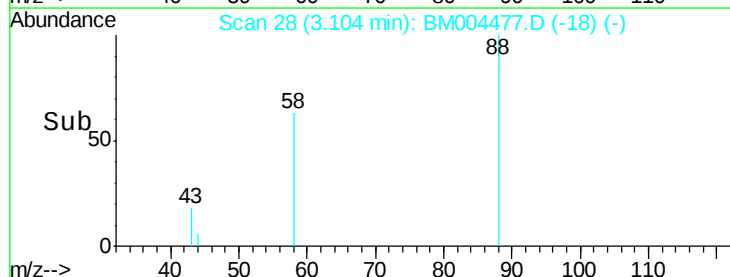
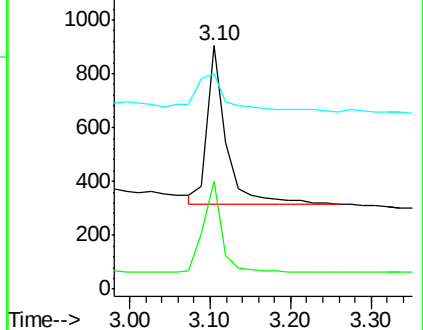
43 44.8 19.3 28.9#

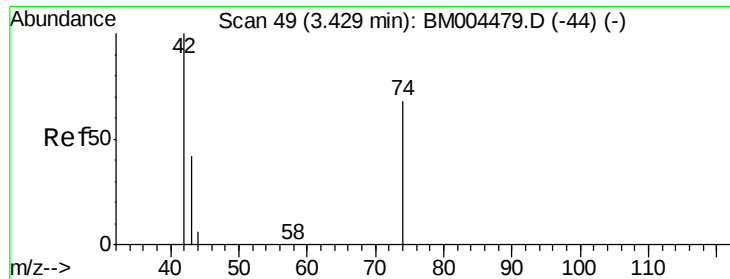


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.56 ng

RT: 3.43 min Scan# 49

Delta R.T. -0.05 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

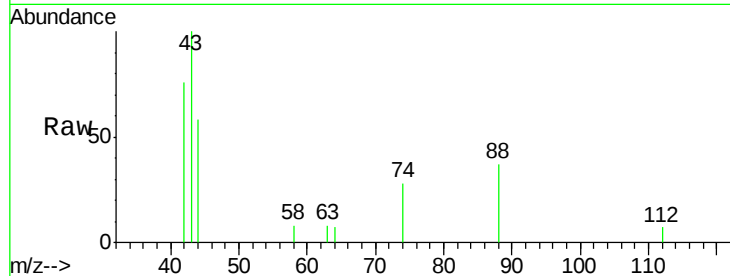
Tgt Ion: 42 Resp: 887

Ion Ratio Lower Upper

42 100

74 146.0 117.8 176.8

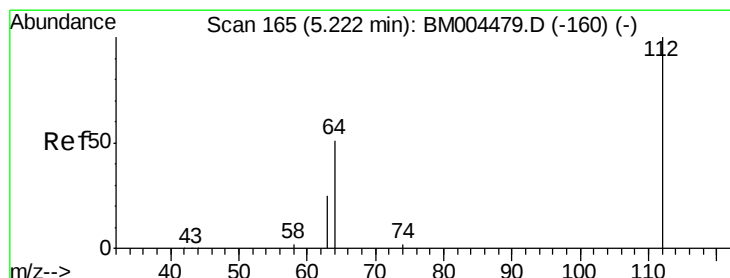
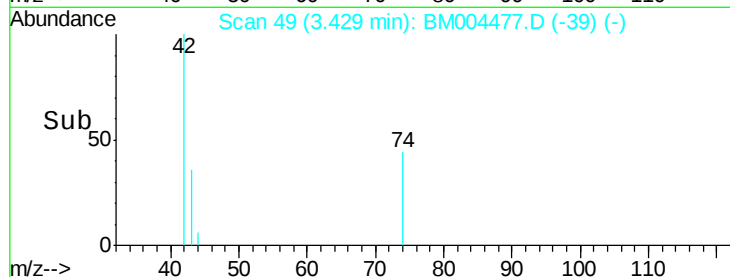
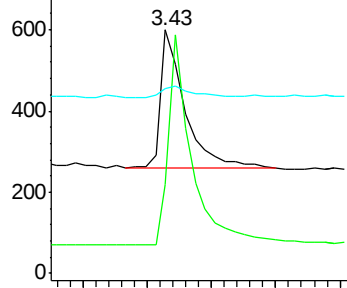
44 11.2 6.1 9.1#



Abundance Ion 42.00 (41.70 to 42.70): BM004477.D (-44) (-)

Ion 74.00 (73.70 to 74.70): BM004477.D (-44) (-)

Ion 44.00 (43.70 to 44.70): BM004477.D (-44) (-)



#4

2-Fluorophenol

Concen: 0.57 ng

RT: 5.22 min Scan# 165

Delta R.T. -0.03 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

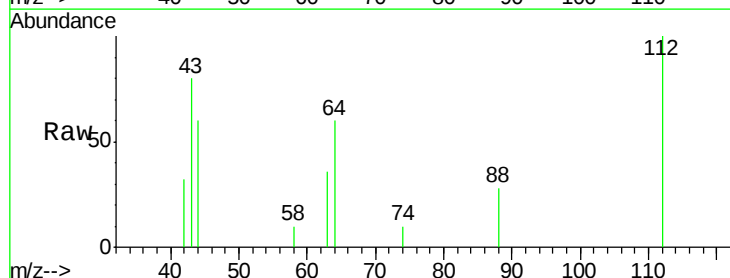
Tgt Ion: 112 Resp: 2100

Ion Ratio Lower Upper

112 100

64 49.0 39.6 59.4

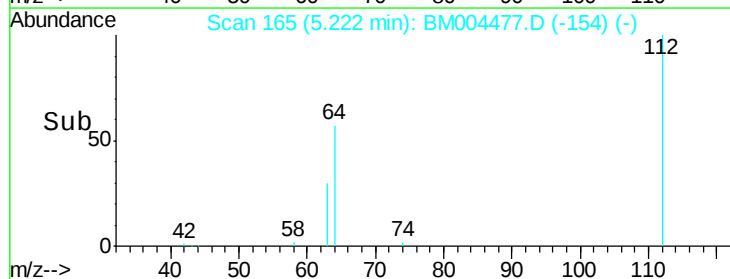
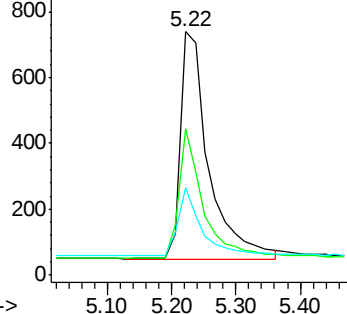
63 25.2 20.0 30.0

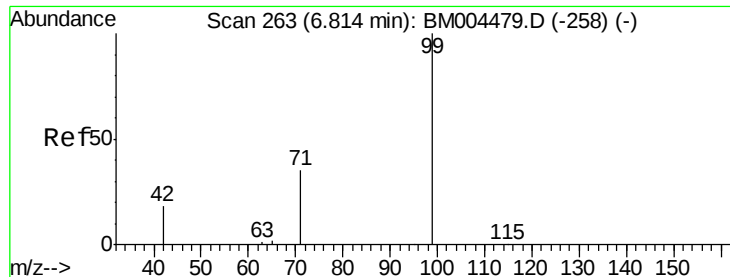


Abundance Ion 112.00 (111.70 to 112.70): BM004477.D (-160) (-)

Ion 64.00 (63.70 to 64.70): BM004477.D (-160) (-)

Ion 63.00 (62.70 to 63.70): BM004477.D (-160) (-)





#5

Phenol-d6

Concen: 0.51 ng

RT: 6.83 min Scan# 264

Delta R.T. -0.01 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

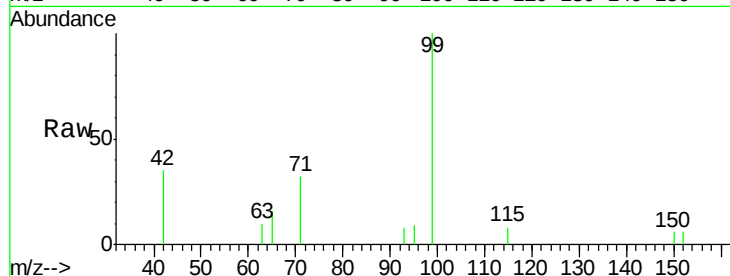
Tgt Ion: 99 Resp: 2282

Ion Ratio Lower Upper

99 100

42 17.7 12.2 18.2

71 30.3 23.4 35.2



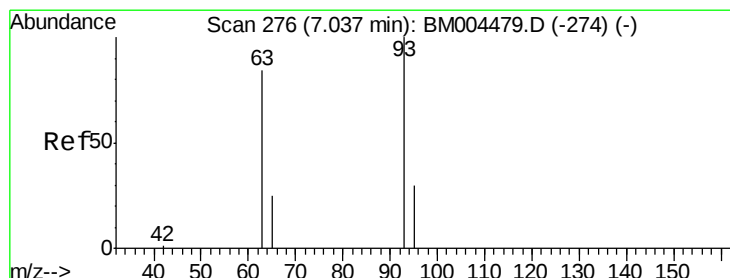
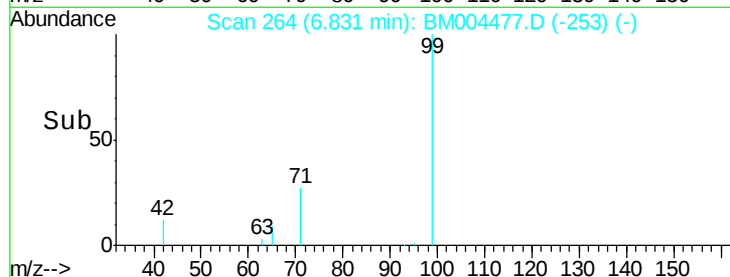
Abundance Ion 99.00 (98.70 to 99.70): BM004477.D (-258) (-)

Ion 42.00 (41.70 to 42.70): BM004477.D (-258) (-)

Ion 71.00 (70.70 to 71.70): BM004477.D (-258) (-)

6.83

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.58 ng

RT: 7.05 min Scan# 277

Delta R.T. -0.02 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

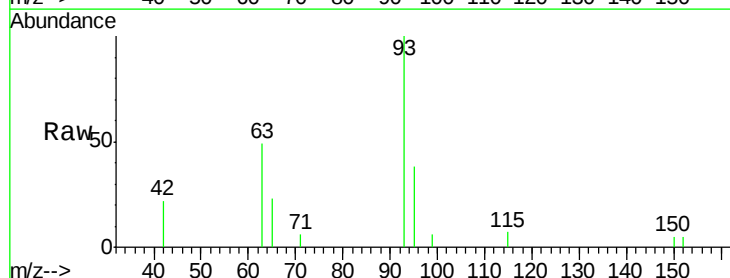
Tgt Ion: 93 Resp: 2387

Ion Ratio Lower Upper

93 100

63 67.3 51.7 77.5

95 32.8 25.4 38.2



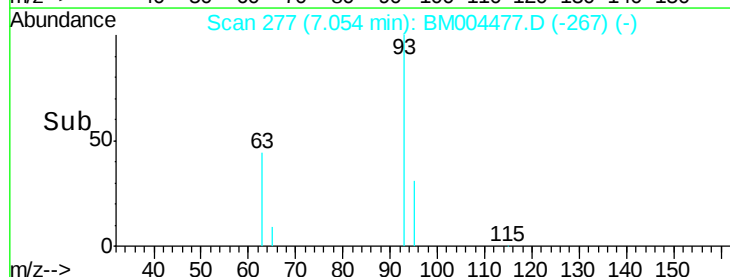
Abundance Ion 93.00 (92.70 to 93.70): BM004477.D (-274) (-)

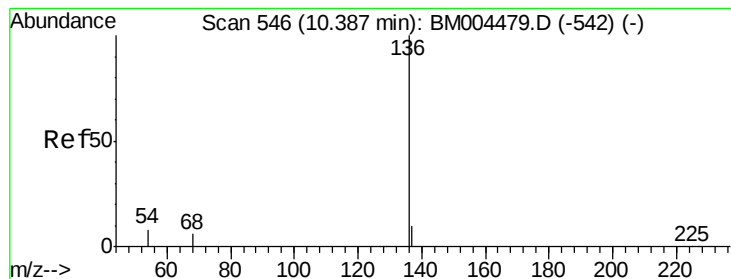
Ion 63.00 (62.70 to 63.70): BM004477.D (-274) (-)

Ion 95.00 (94.70 to 95.70): BM004477.D (-274) (-)

7.05

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. -0.04 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

Tgt Ion:136 Resp: 68348

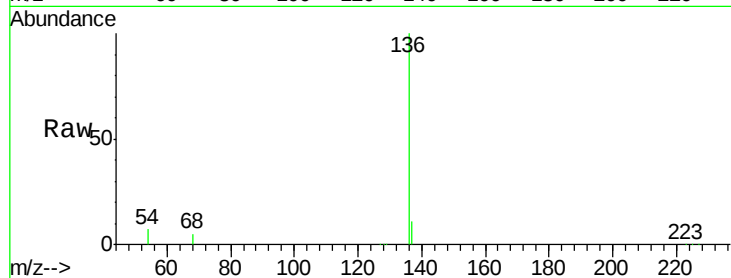
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.2

54 6.7 6.4 9.6

68 5.3 5.0 7.4

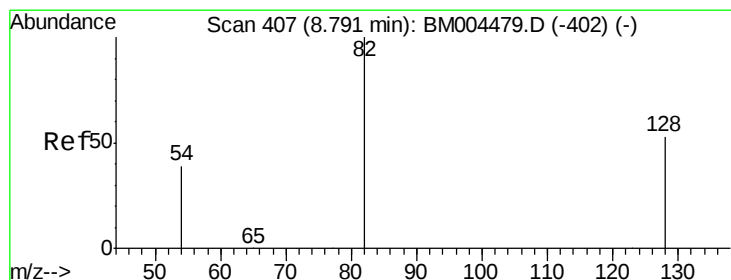
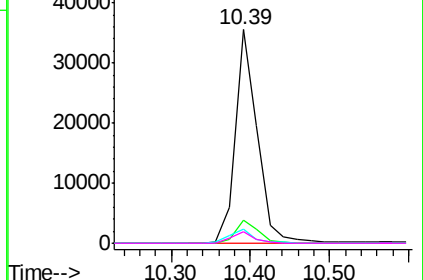
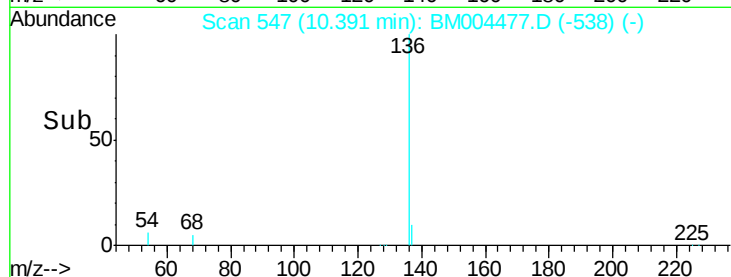


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.57 ng

RT: 8.79 min Scan# 408

Delta R.T. -0.02 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

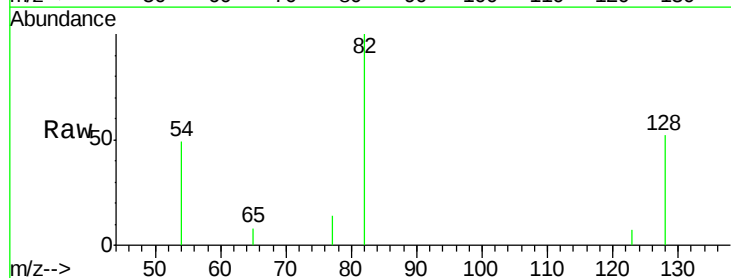
Tgt Ion: 82 Resp: 1732

Ion Ratio Lower Upper

82 100

128 52.4 43.7 65.5

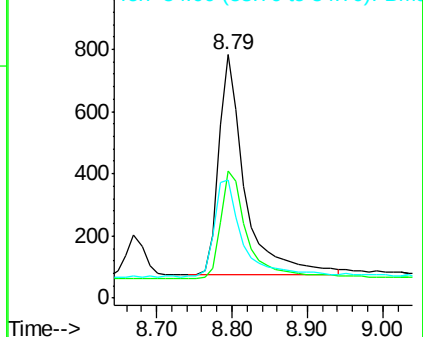
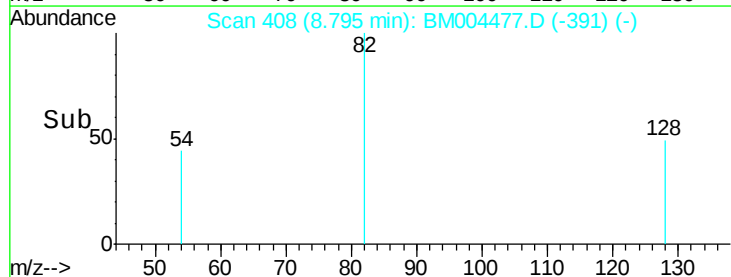
54 48.5 33.5 50.3

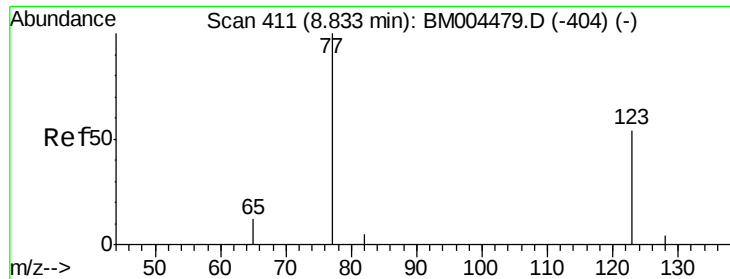


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.65 ng

RT: 8.84 min Scan# 412

Delta R.T. -0.02 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

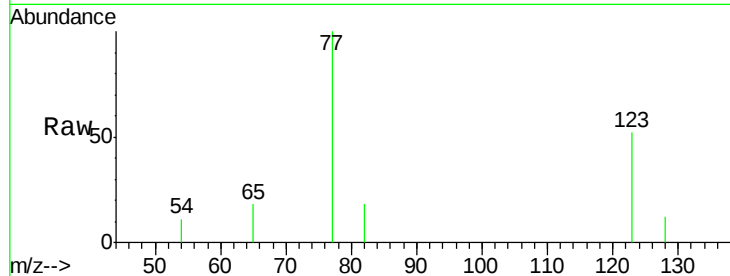
Tgt Ion: 77 Resp: 2288

Ion Ratio Lower Upper

77 100

123 54.1 42.2 63.2

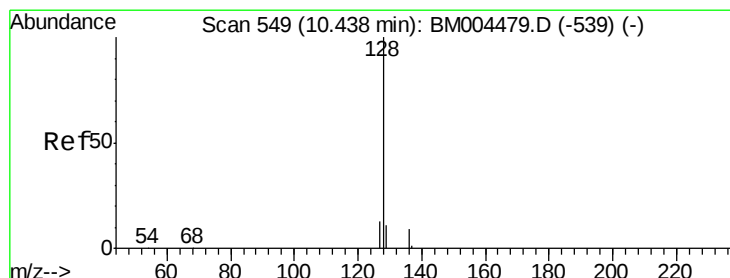
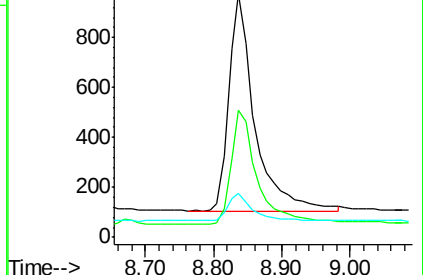
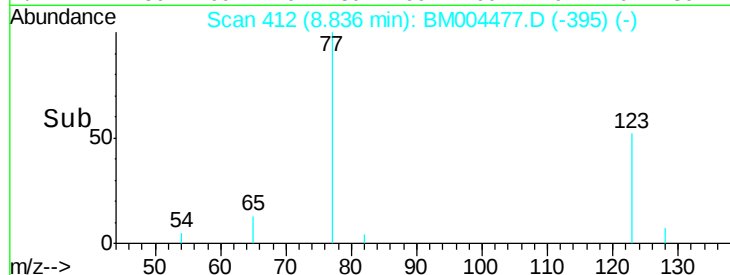
65 11.8 10.0 15.0



Abundance Ion 77.00 (76.70 to 77.70): BM004477.D (-395) (-)

Ion 123.00 (122.70 to 123.70): BM004477.D (-395) (-)

Ion 65.00 (64.70 to 65.70): BM004477.D (-395) (-)



#10

Naphthalene

Concen: 0.66 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.04 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

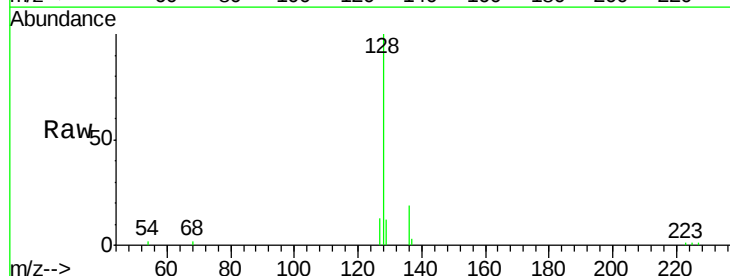
Tgt Ion: 128 Resp: 10607

Ion Ratio Lower Upper

128 100

129 11.8 8.9 13.3

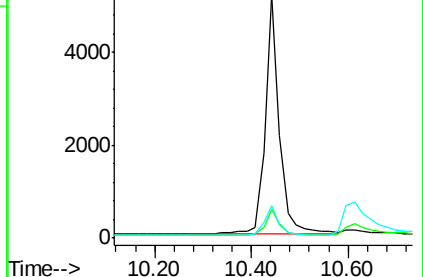
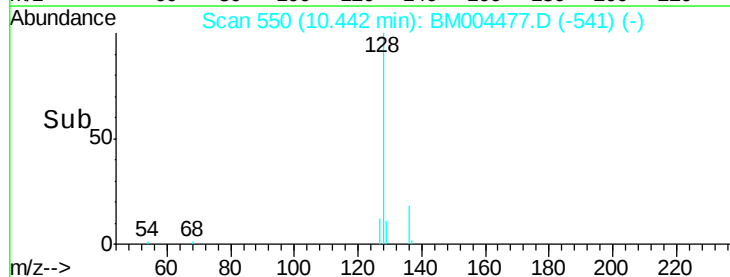
127 13.4 10.9 16.3

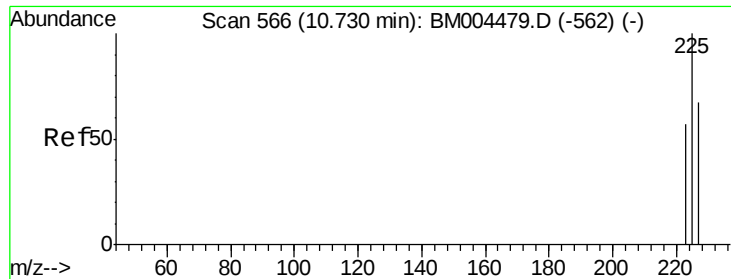


Abundance Ion 128.00 (127.70 to 128.70): BM004477.D (-541) (-)

Ion 129.00 (128.70 to 129.70): BM004477.D (-541) (-)

Ion 127.00 (126.70 to 127.70): BM004477.D (-541) (-)

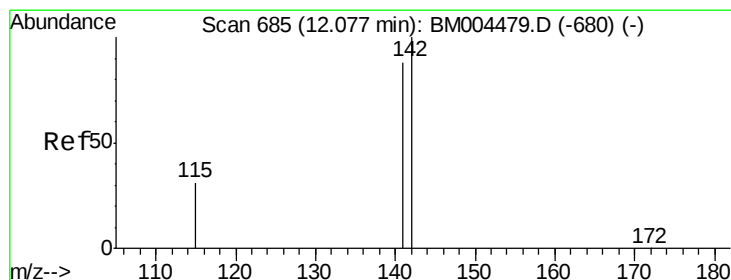
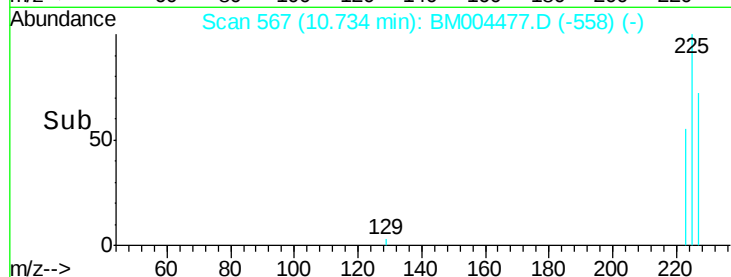
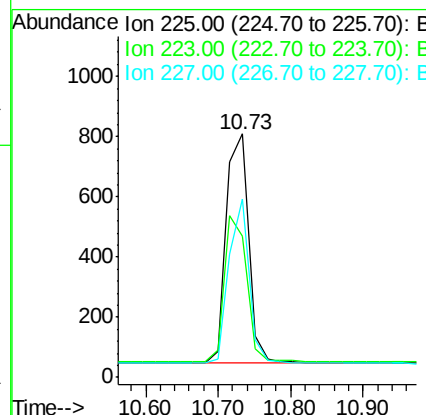
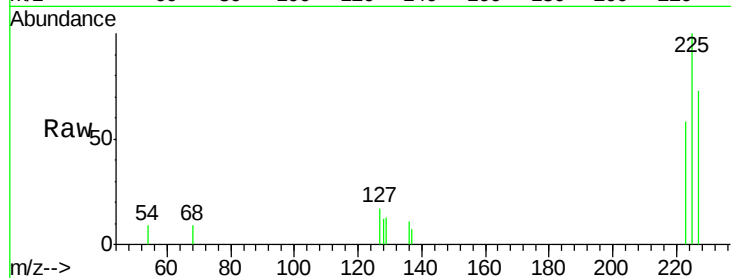




#11
Hexachlorobutadiene
Concen: 0.66 ng
RT: 10.73 min Scan# 567
Delta R.T. -0.04 min
Lab File: BM004477.D
Acq: 29 Feb 2016 18:46

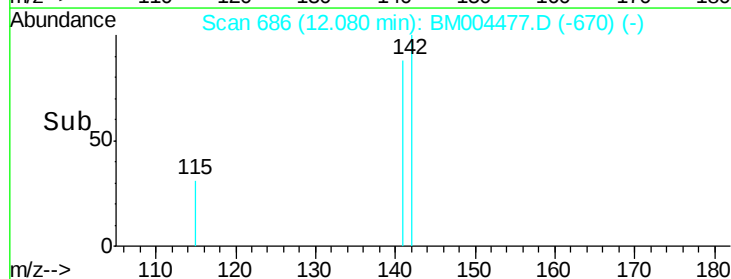
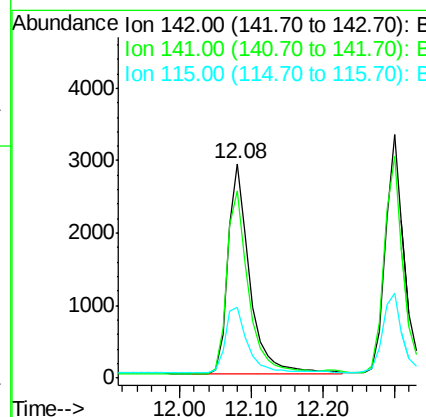
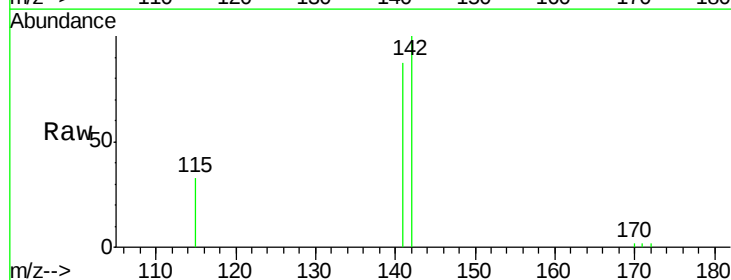
Instrument :
BNA_M
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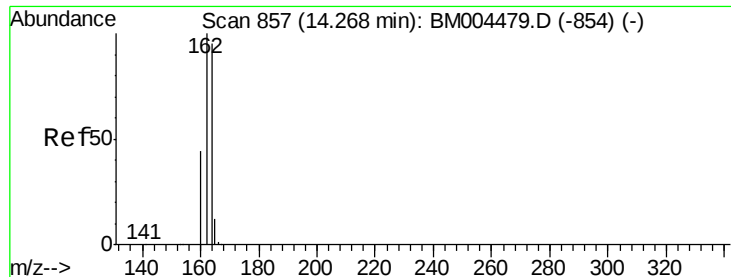
Tgt Ion: 225 Resp: 1646
Ion Ratio Lower Upper
225 100
223 62.2 50.2 75.4
227 63.8 50.6 75.8



#12
2-Methylnaphthalene
Concen: 0.57 ng
RT: 12.08 min Scan# 686
Delta R.T. -0.03 min
Lab File: BM004477.D
Acq: 29 Feb 2016 18:46

Tgt Ion: 142 Resp: 6038
Ion Ratio Lower Upper
142 100
141 87.5 70.2 105.2
115 33.0 25.8 38.6





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. -0.04 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

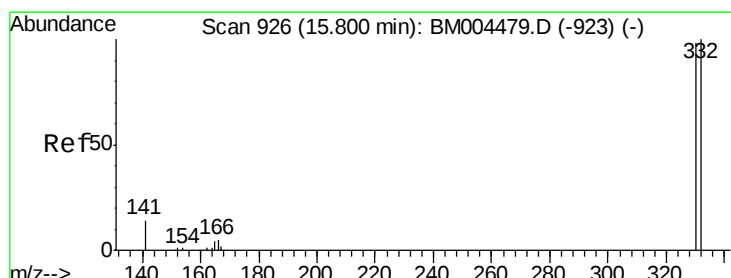
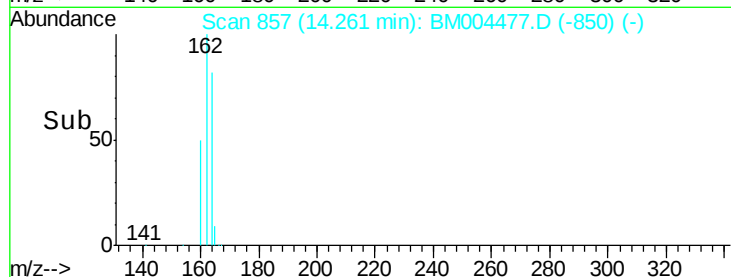
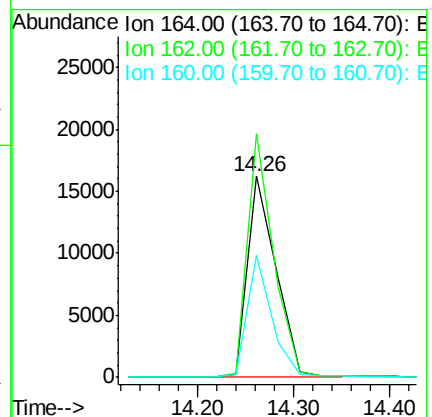
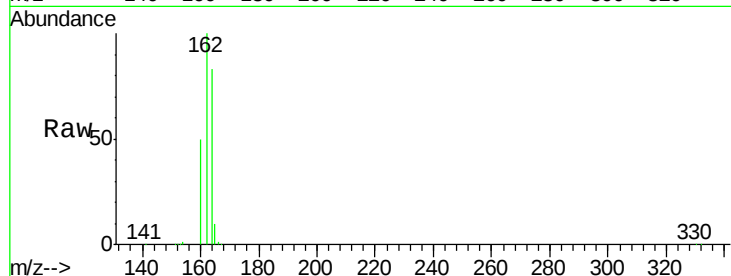
Tgt Ion:164 Resp: 32995

Ion Ratio Lower Upper

164 100

162 121.2 84.2 126.4

160 60.7 37.4 56.2#



#14

2,4,6-Tribromophenol

Concen: 0.72 ng

RT: 15.79 min Scan# 926

Delta R.T. -0.02 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

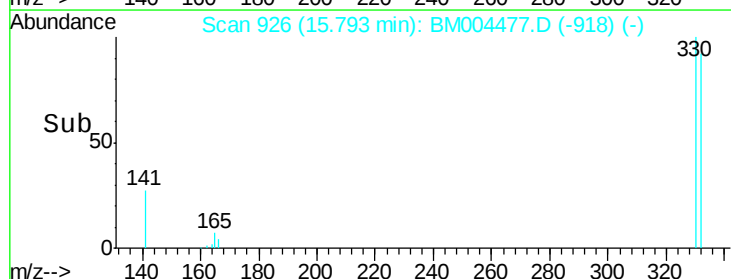
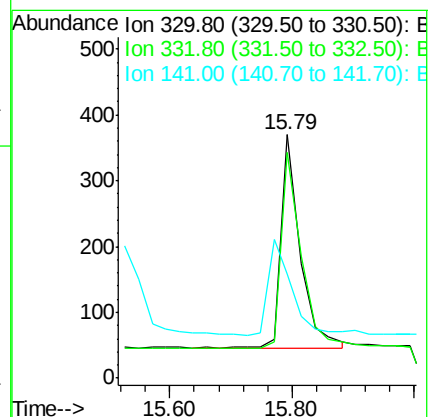
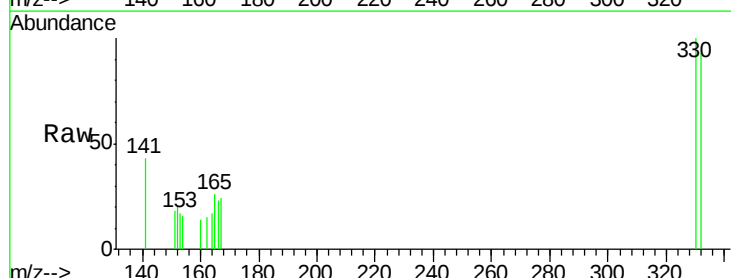
Tgt Ion:330 Resp: 700

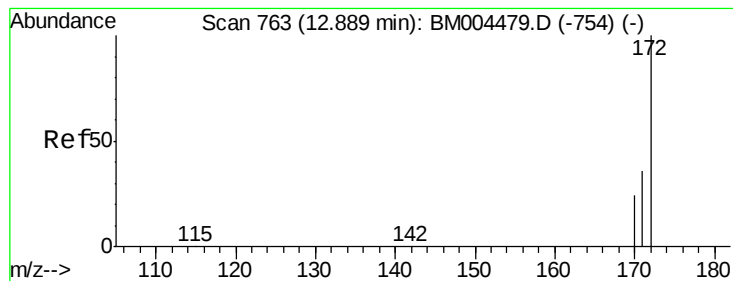
Ion Ratio Lower Upper

330 100

332 95.6 76.1 114.1

141 0.0 0.0 0.0

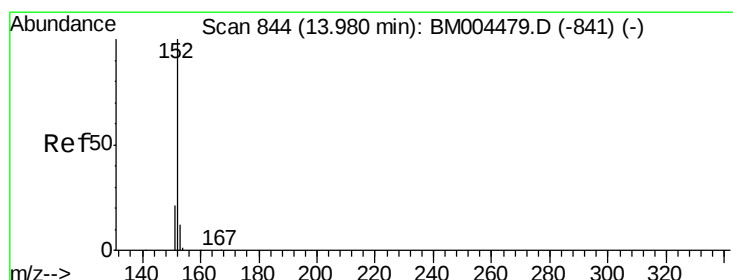
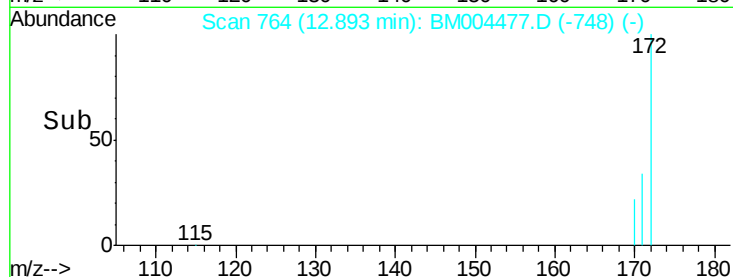
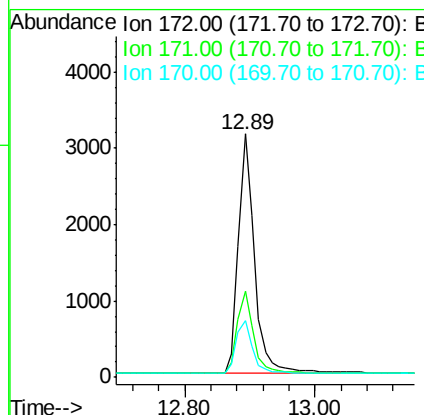
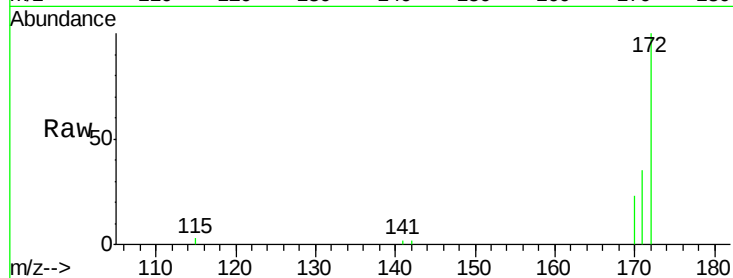




#15
2-Fluorobiphenyl
Concen: 0.54 ng
RT: 12.89 min Scan# 764
Delta R.T. -0.03 min
Lab File: BM004477.D
Acq: 29 Feb 2016 18:46

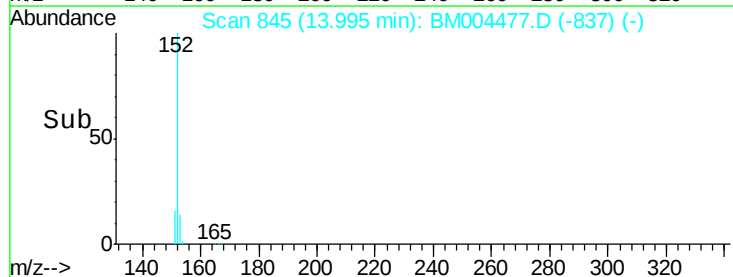
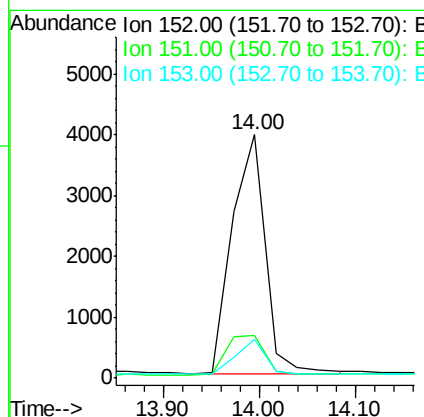
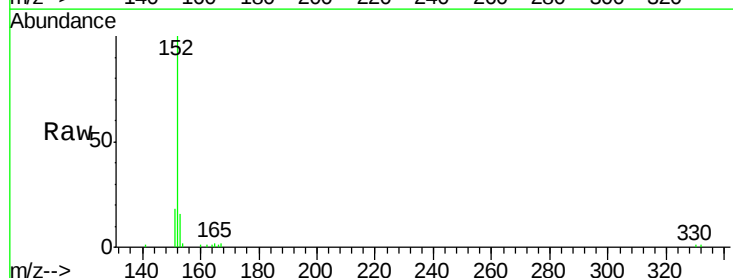
Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

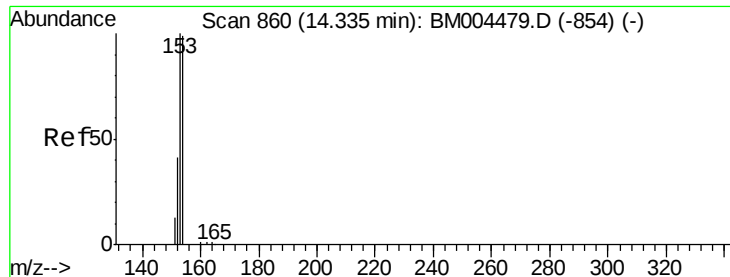
Tgt Ion:172 Resp: 5460
Ion Ratio Lower Upper
172 100
171 35.2 29.2 43.8
170 23.3 19.7 29.5



#16
Acenaphthylene
Concen: 0.65 ng
RT: 14.00 min Scan# 845
Delta R.T. -0.01 min
Lab File: BM004477.D
Acq: 29 Feb 2016 18:46

Tgt Ion:152 Resp: 9486
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.6
153 13.0 10.2 15.4





#17

Acenaphthene

Concen: 0.62 ng

RT: 14.33 min Scan# 860

Delta R.T. -0.04 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

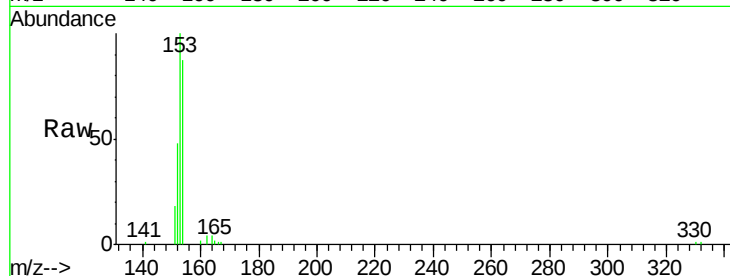
Tgt Ion:154 Resp: 6778

Ion Ratio Lower Upper

154 100

153 111.2 88.0 132.0

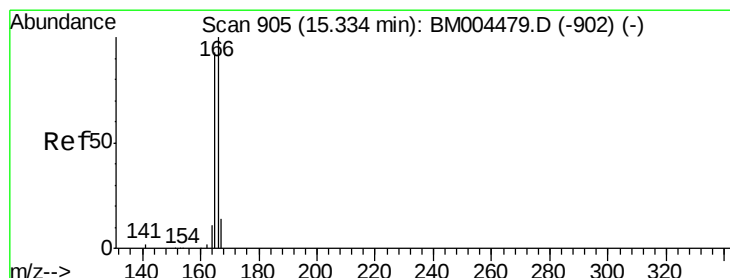
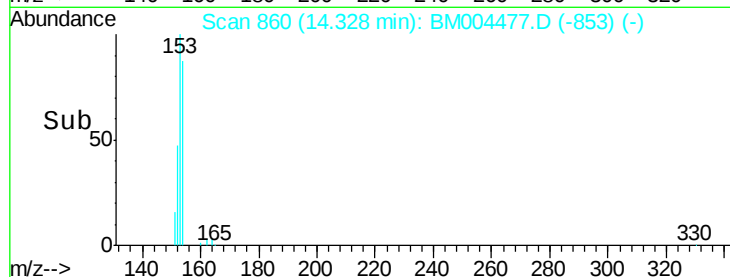
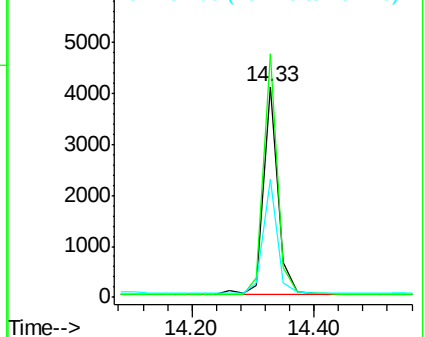
152 52.6 41.1 61.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.60 ng

RT: 15.33 min Scan# 905

Delta R.T. -0.04 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

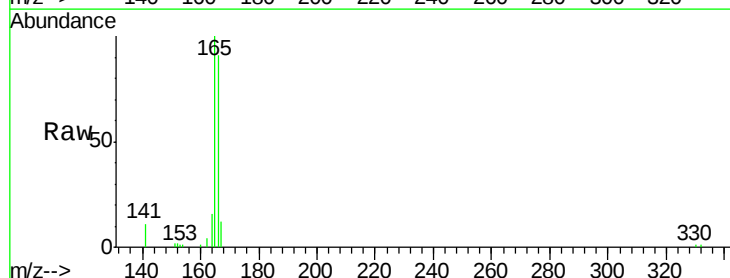
Tgt Ion:166 Resp: 7971

Ion Ratio Lower Upper

166 100

165 100.5 77.2 115.8

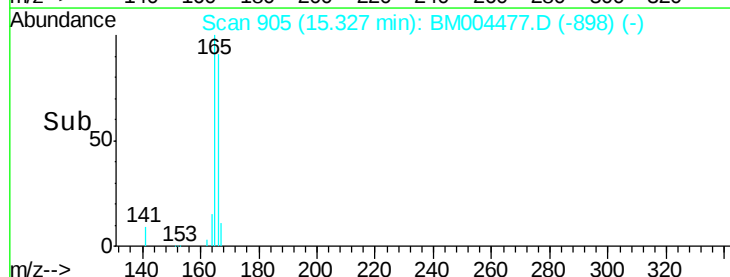
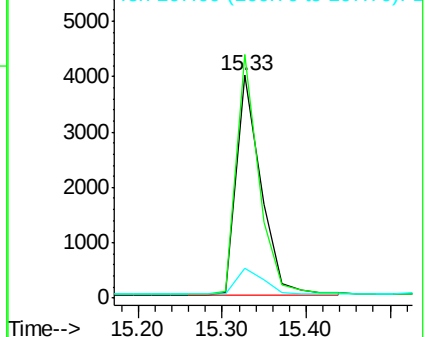
167 12.8 10.9 16.3

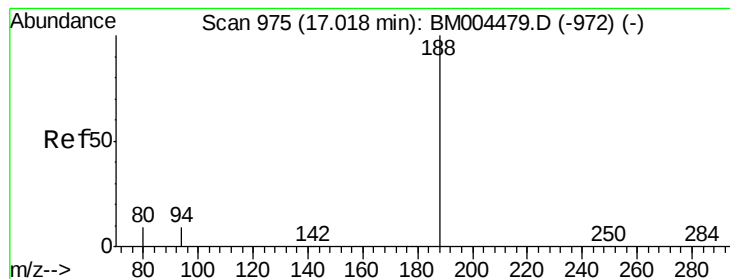


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 975

Delta R.T. -0.04 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

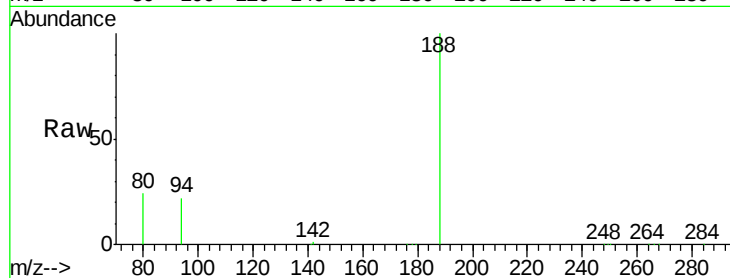
Tgt Ion:188 Resp: 66968

Ion Ratio Lower Upper

188 100

94 22.3 7.4 11.0#

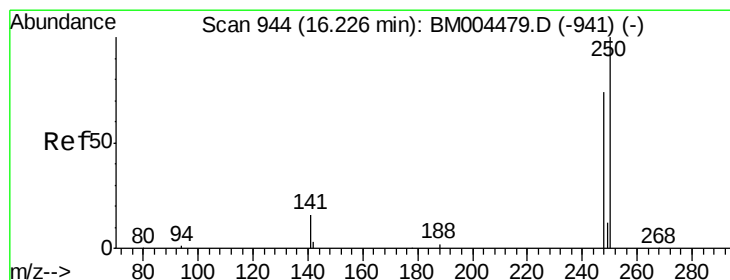
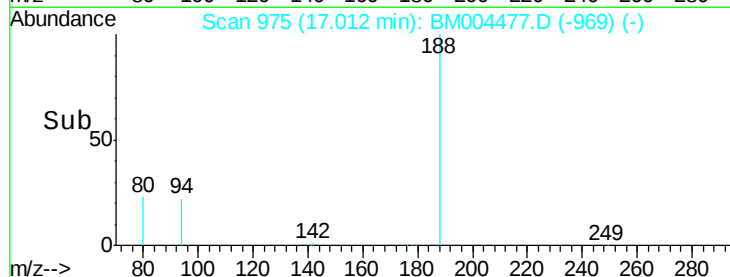
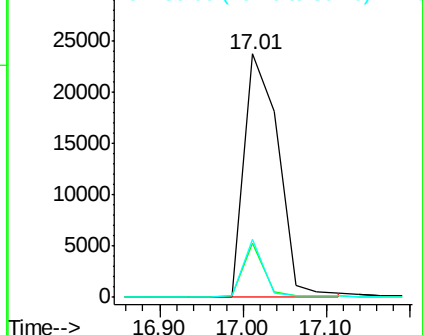
80 23.7 6.9 10.3#



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: 1.04 ng

RT: 16.22 min Scan# 944

Delta R.T. -0.02 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

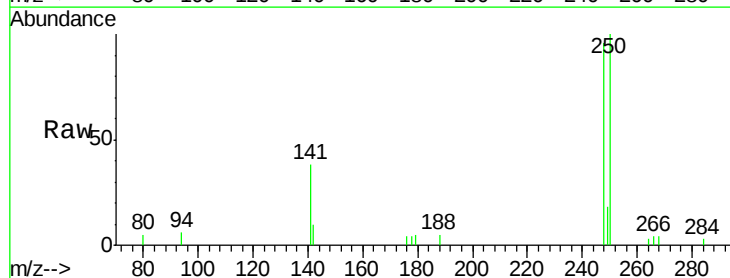
Tgt Ion:248 Resp: 2306

Ion Ratio Lower Upper

248 100

250 103.7 81.5 122.3

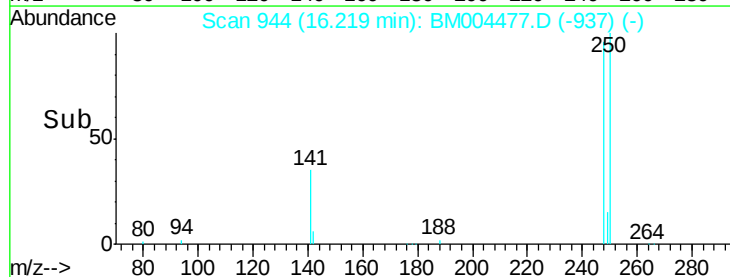
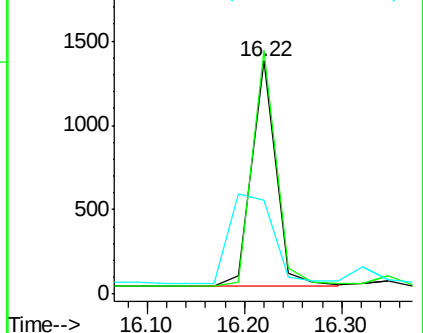
141 0.0 0.0 0.0

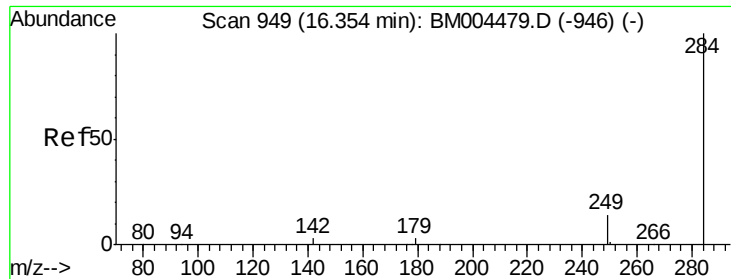


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

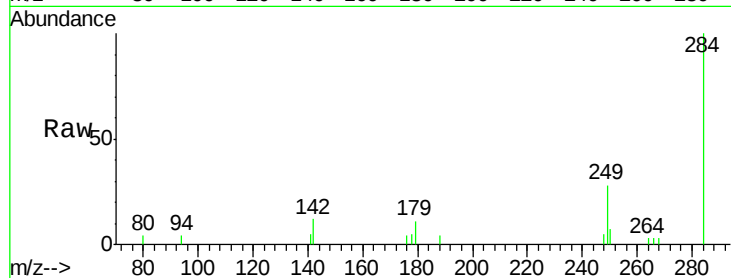




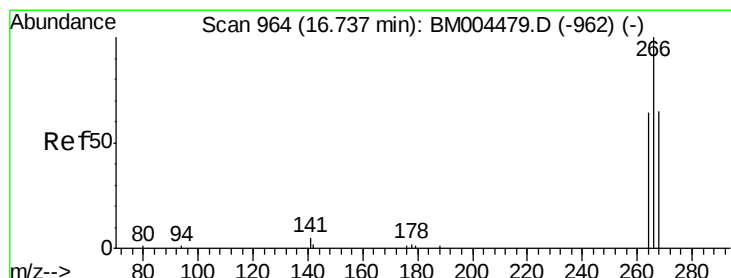
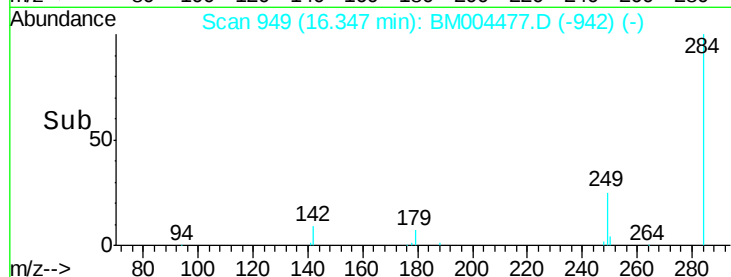
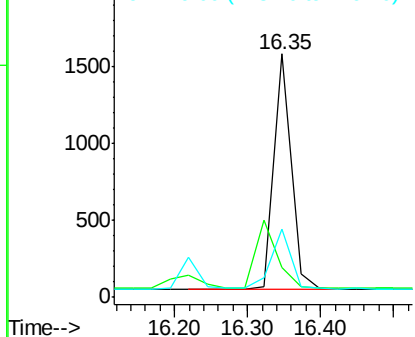
#21
Hexachlorobenzene
Concen: 1.10 ng
RT: 16.35 min Scan# 949
Delta R.T. -0.02 min
Lab File: BM004477.D
Acq: 29 Feb 2016 18:46

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

Tgt Ion: 284 Resp: 2573
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 28.3 0.0 0.0#

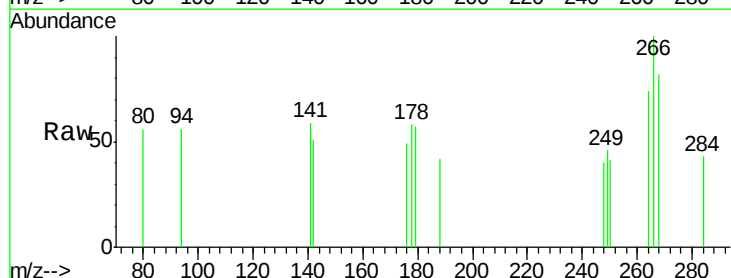


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

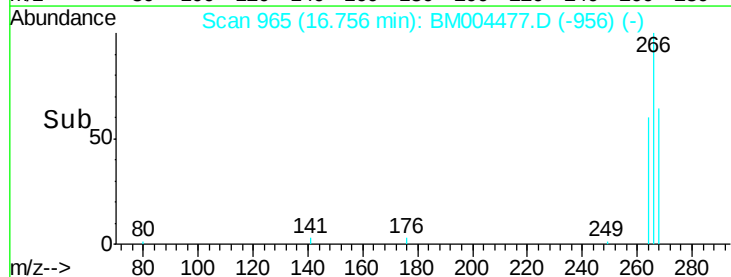
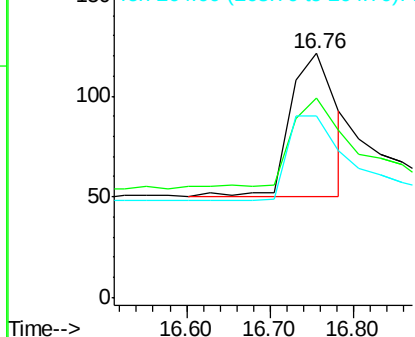


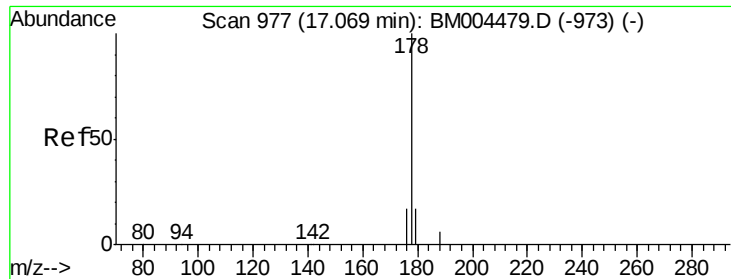
#22
Pentachlorophenol
Concen: 0.47 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.02 min
Lab File: BM004477.D
Acq: 29 Feb 2016 18:46

Tgt Ion: 266 Resp: 275
Ion Ratio Lower Upper
266 100
268 81.8 60.7 91.1
264 74.4 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: 0.95 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.02 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

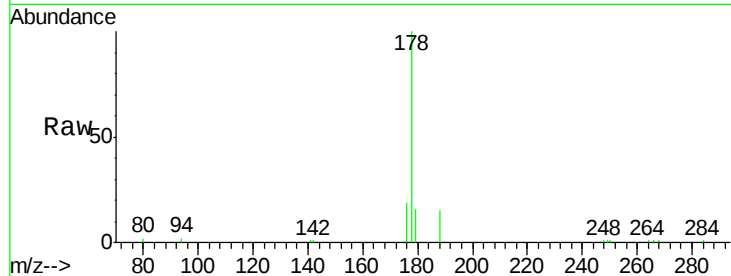
Tgt Ion:178 Resp: 13908

Ion Ratio Lower Upper

178 100

176 19.0 14.7 22.1

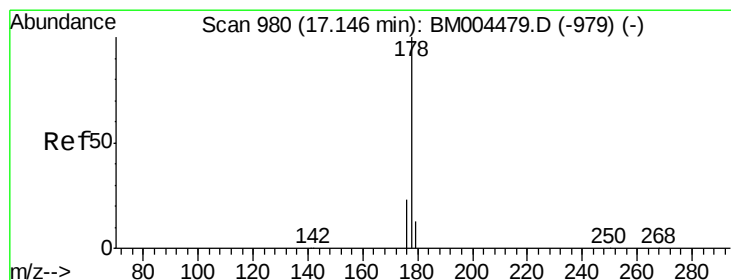
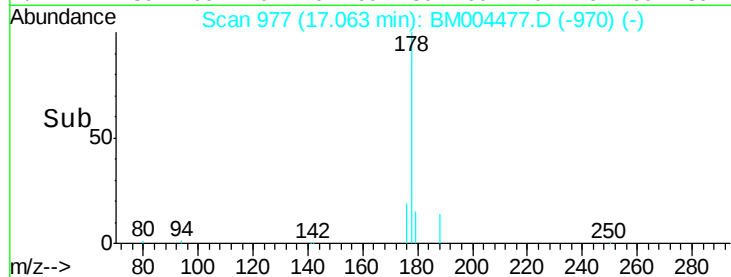
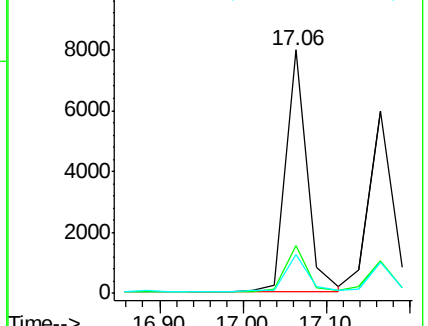
179 15.5 12.9 19.3



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: 0.72 ng

RT: 17.16 min Scan# 981

Delta R.T. -0.01 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

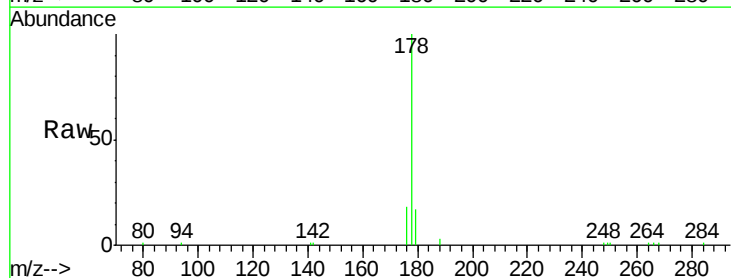
Tgt Ion:178 Resp: 11105

Ion Ratio Lower Upper

178 100

176 17.8 15.9 23.9

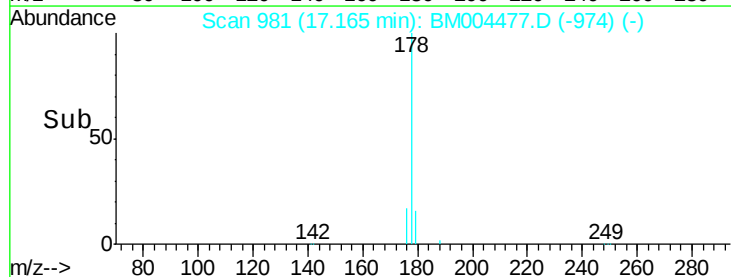
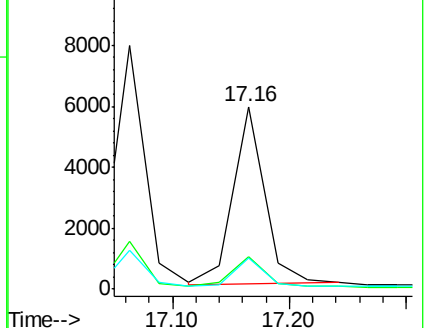
179 15.7 13.9 20.9

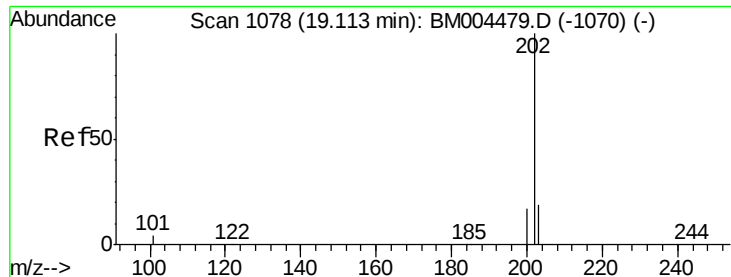


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.79 ng

RT: 19.11 min Scan# 1078

Delta R.T. -0.03 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

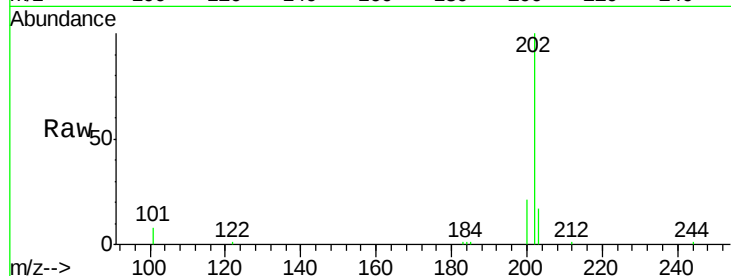
Tgt Ion:202 Resp: 14514

Ion Ratio Lower Upper

202 100

101 11.4 9.4 14.2

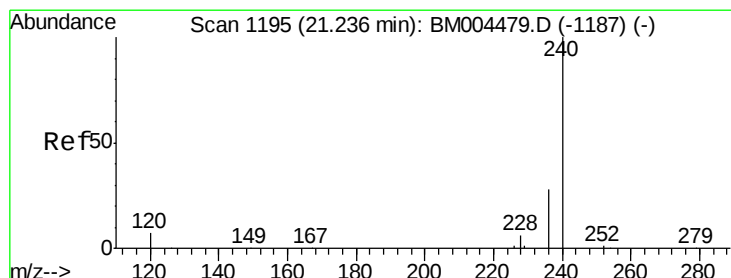
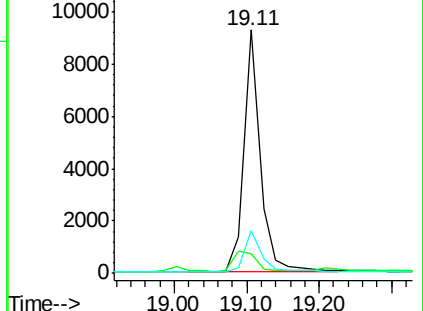
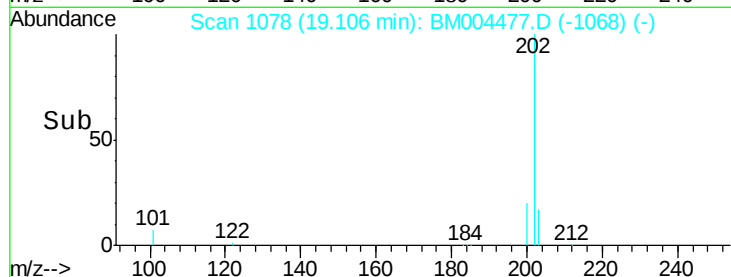
203 17.3 13.9 20.9



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: 21.25 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

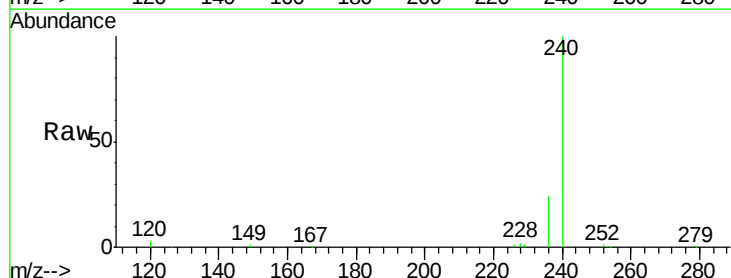
Tgt Ion:240 Resp: 73725

Ion Ratio Lower Upper

240 100

120 3.2 6.1 9.1#

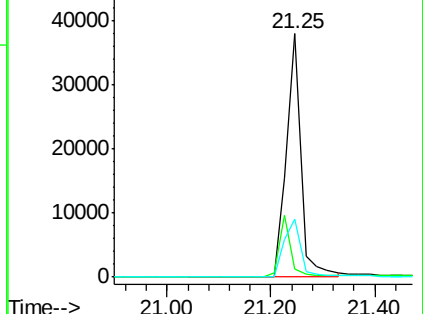
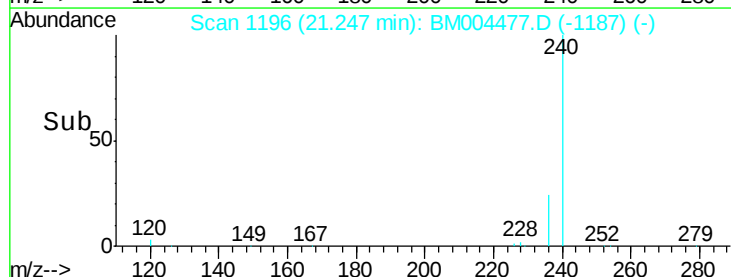
236 23.7 22.6 34.0

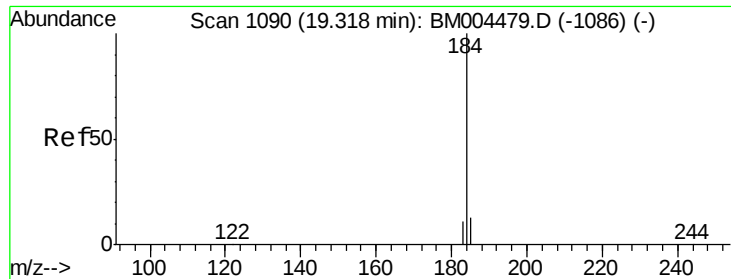


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

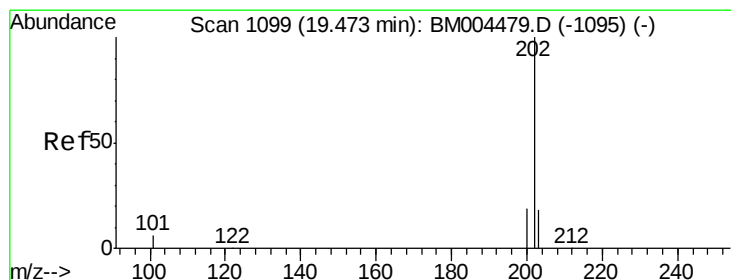
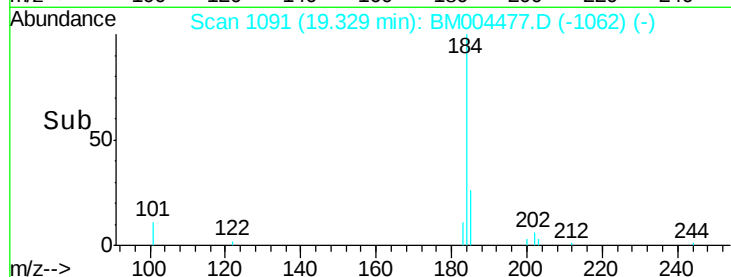
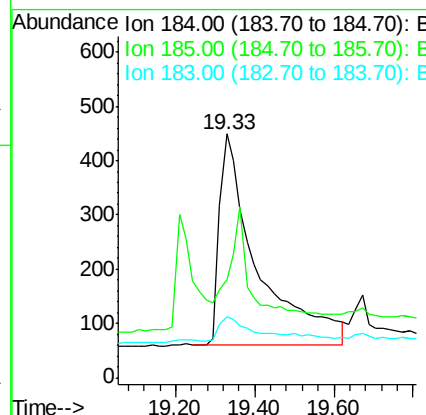
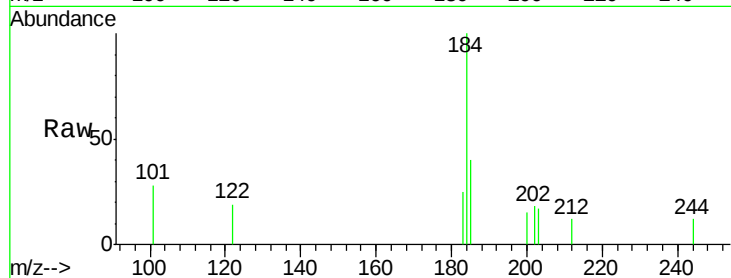




#27
Benzidine
Concen: 0.70 ng
RT: 19.33 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BM004477.D
Acq: 29 Feb 2016 18:46

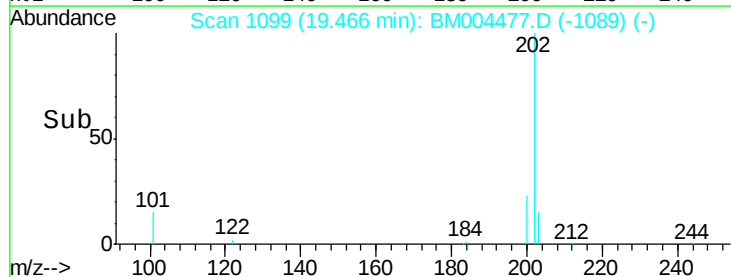
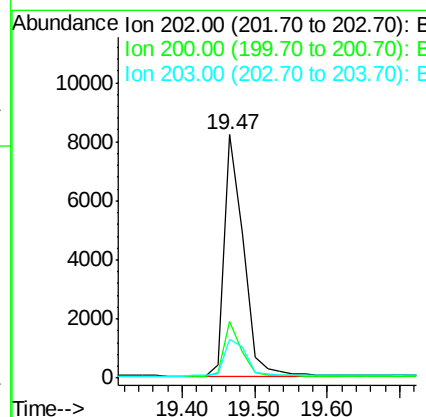
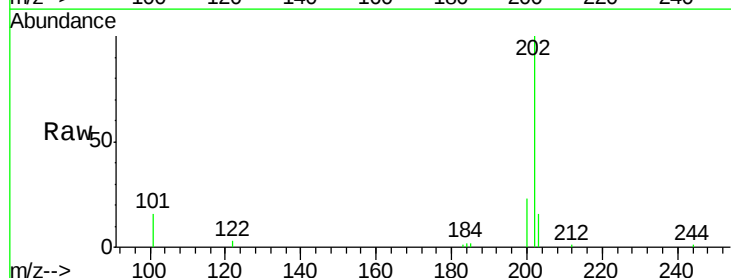
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

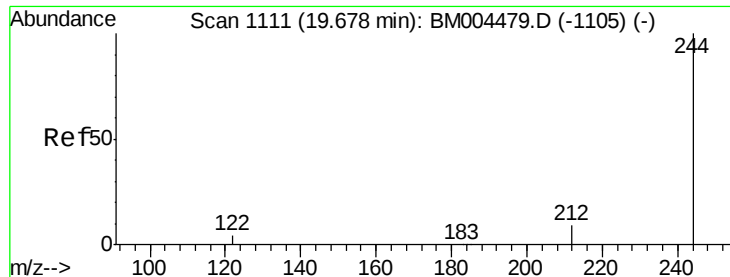
Tgt Ion:184 Resp: 2584
Ion Ratio Lower Upper
184 100
185 40.1 16.6 24.8#
183 25.2 12.3 18.5#



#28
Pyrene
Concen: 0.71 ng
RT: 19.47 min Scan# 1099
Delta R.T. -0.03 min
Lab File: BM004477.D
Acq: 29 Feb 2016 18:46

Tgt Ion:202 Resp: 15057
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 0.52 ng

RT: 19.67 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

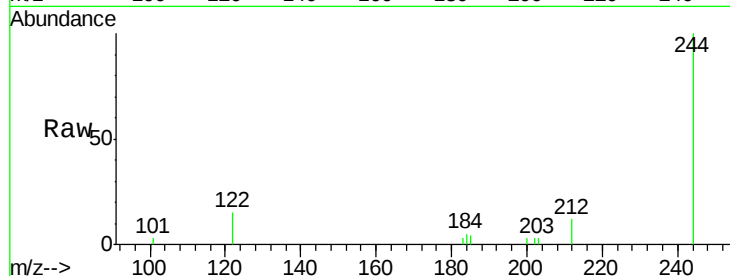
Tgt Ion:244 Resp: 4957

Ion Ratio Lower Upper

244 100

212 12.1 7.5 11.3#

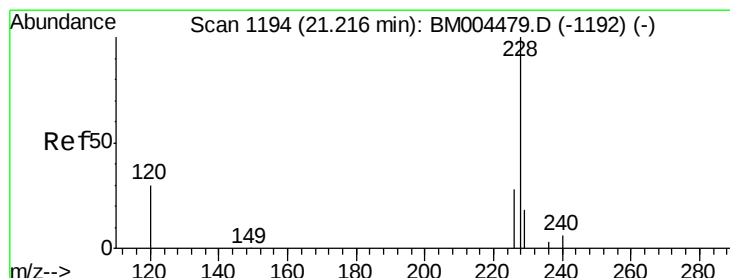
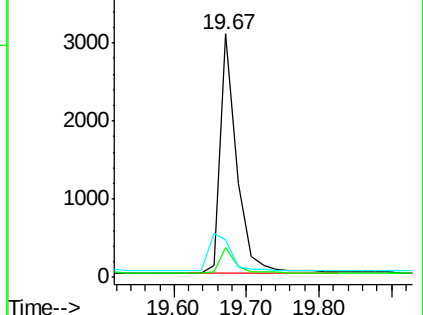
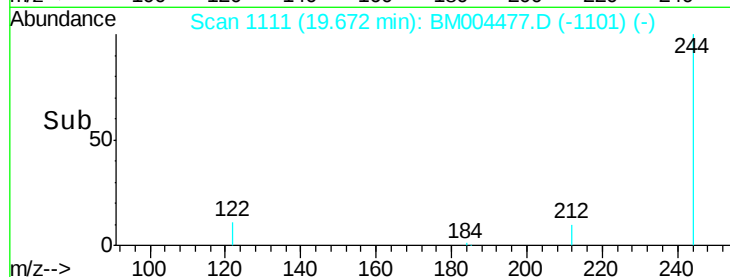
122 15.3 4.2 6.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 1.59 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.03 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

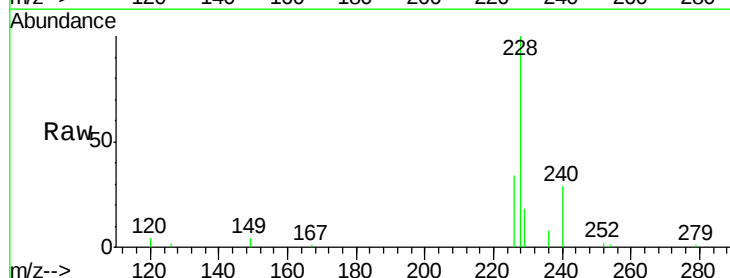
Tgt Ion:228 Resp: 35819

Ion Ratio Lower Upper

228 100

226 33.8 22.8 34.2

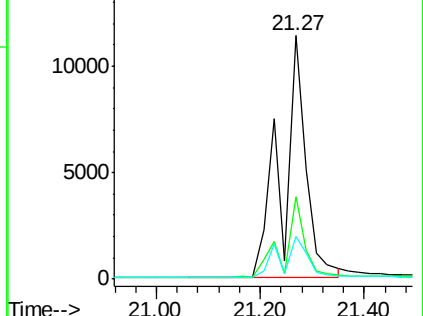
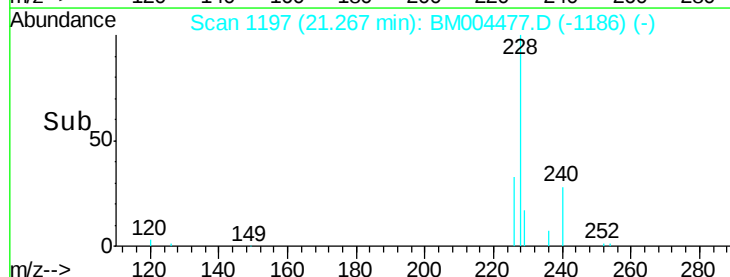
229 17.6 14.6 22.0

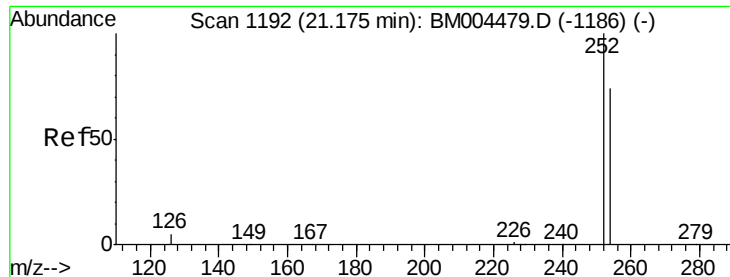


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

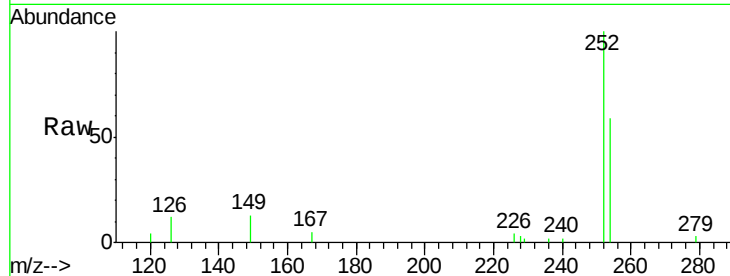




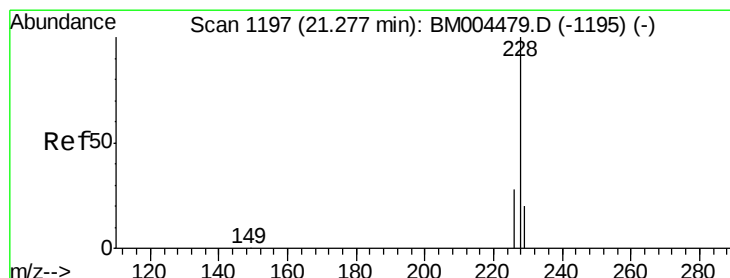
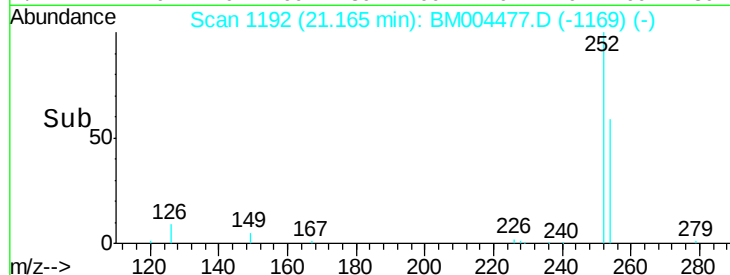
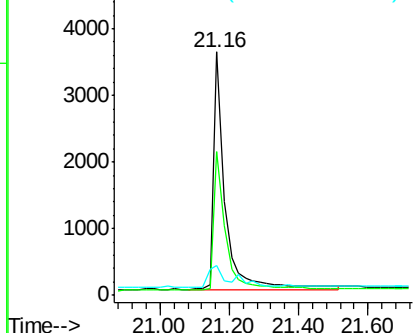
#31
 3,3'-Dichlorobenzidine
 Concen: 1.53 ng
 RT: 21.16 min Scan# 1192
 Delta R.T. -0.03 min
 Lab File: BM004477.D
 Acq: 29 Feb 2016 18:46

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Tgt Ion: 252 Resp: 8186
 Ion Ratio Lower Upper
 252 100
 254 59.3 59.4 89.0#
 126 12.2 5.5 8.3#

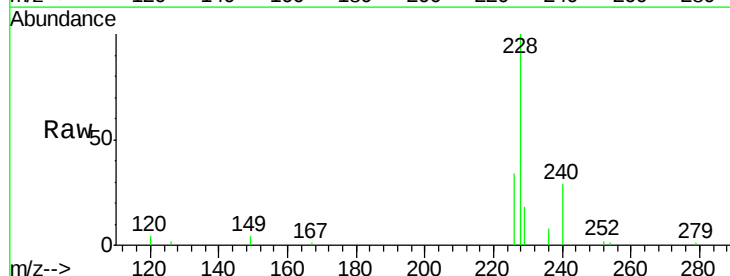


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

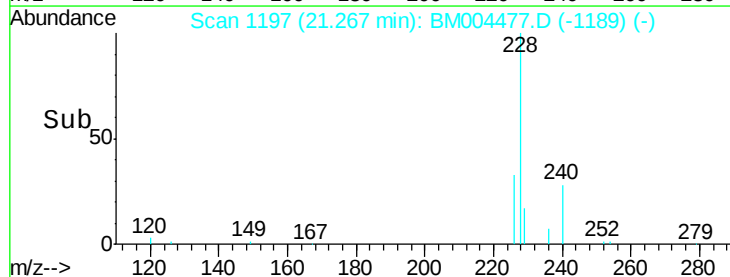
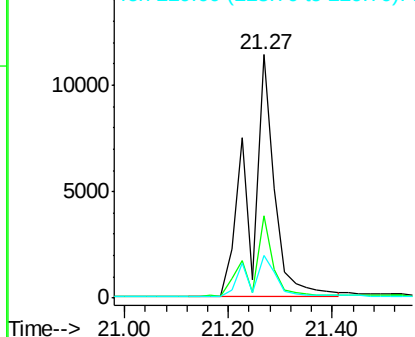


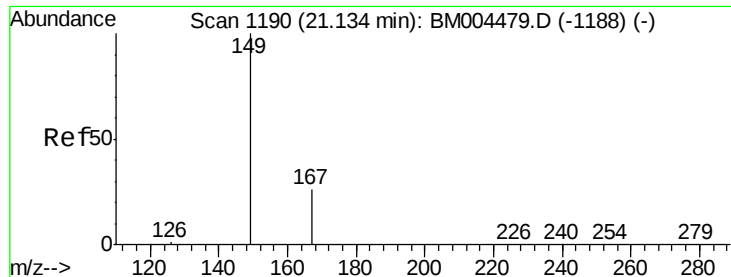
#32
 Chrysene
 Concen: 1.77 ng
 RT: 21.27 min Scan# 1197
 Delta R.T. -0.03 min
 Lab File: BM004477.D
 Acq: 29 Feb 2016 18:46

Tgt Ion: 228 Resp: 36688
 Ion Ratio Lower Upper
 228 100
 226 33.8 21.4 32.2#
 229 17.6 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: 0.96 ng

RT: 21.14 min Scan# 1191

Delta R.T. -0.03 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

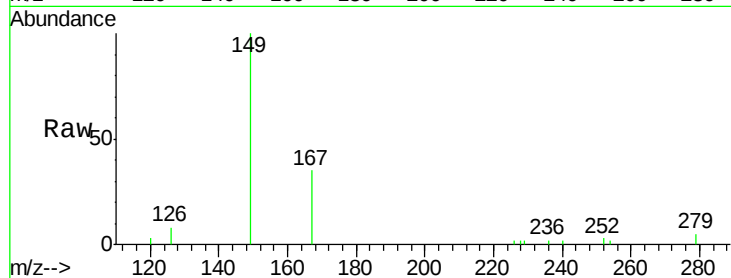
Tgt Ion:149 Resp: 9064

Ion Ratio Lower Upper

149 100

167 28.6 21.2 31.8

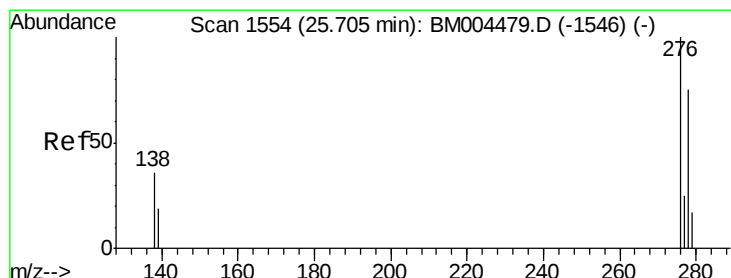
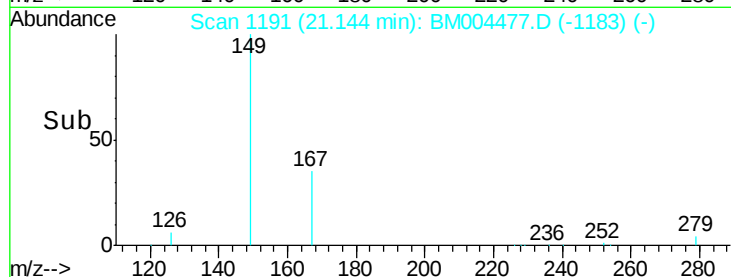
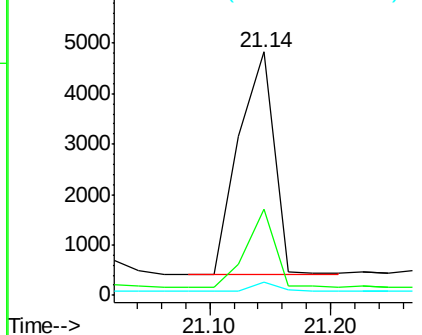
279 2.9 0.0 0.0#



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: 0.59 ng

RT: 25.71 min Scan# 1555

Delta R.T. -0.04 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

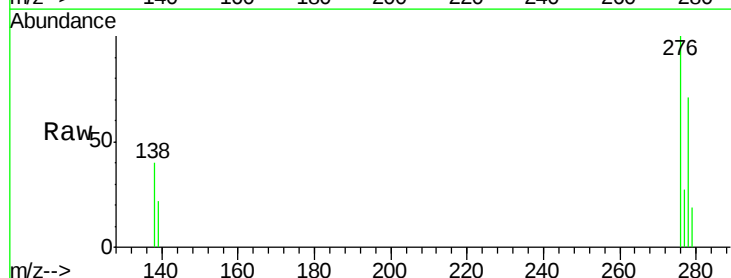
Tgt Ion:276 Resp: 12869

Ion Ratio Lower Upper

276 100

138 38.2 30.4 45.6

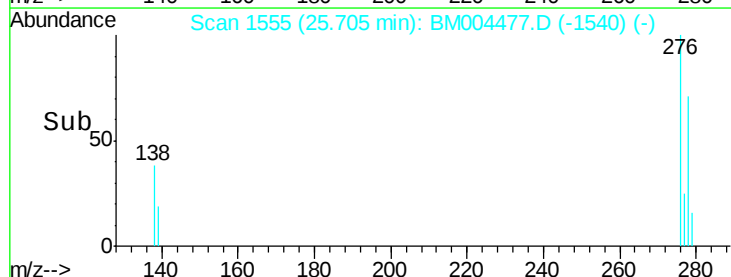
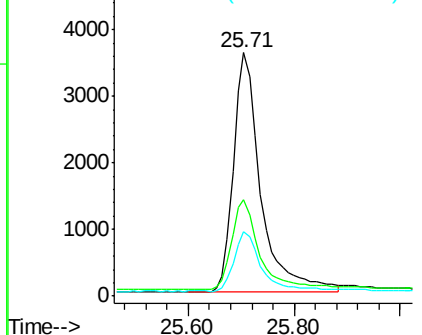
277 24.9 19.8 29.8

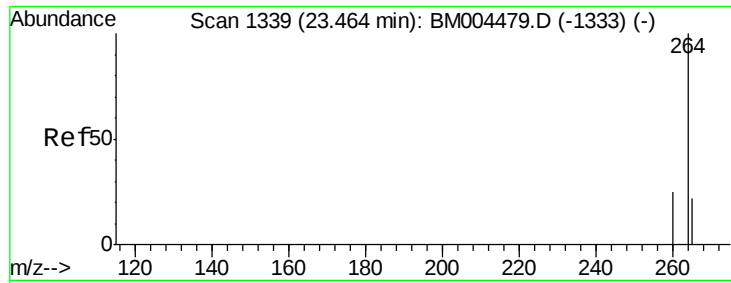


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

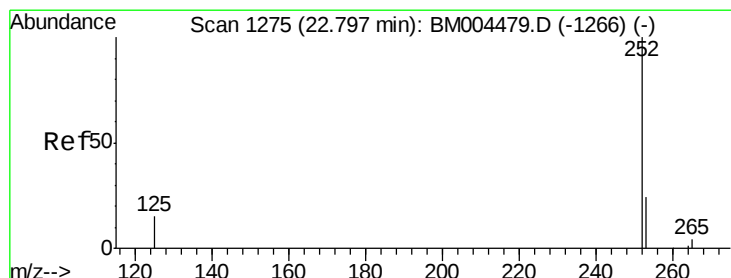
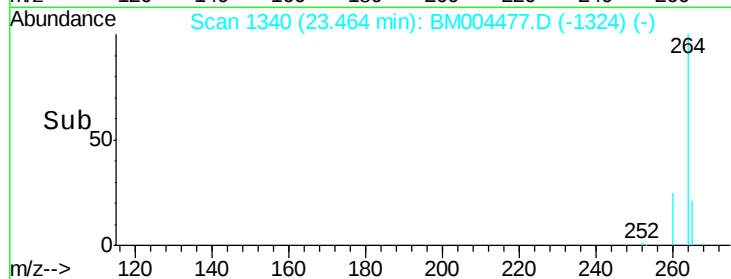
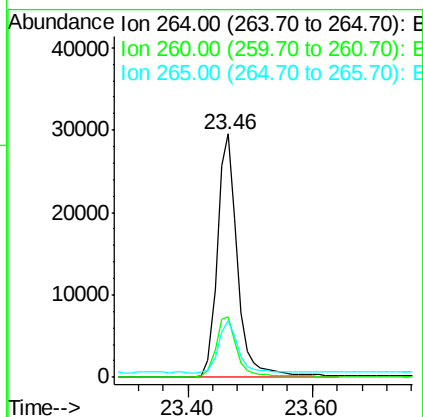
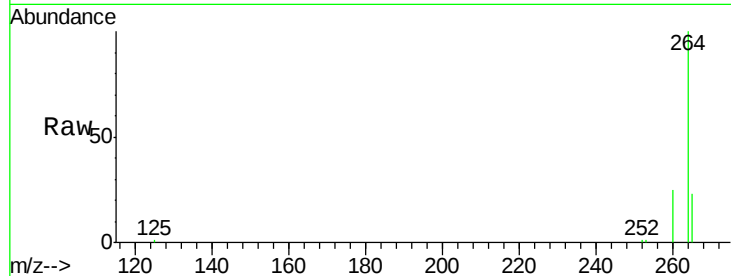




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.46 min Scan# 1340
 Delta R.T. -0.03 min
 Lab File: BM004477.D
 Acq: 29 Feb 2016 18:46

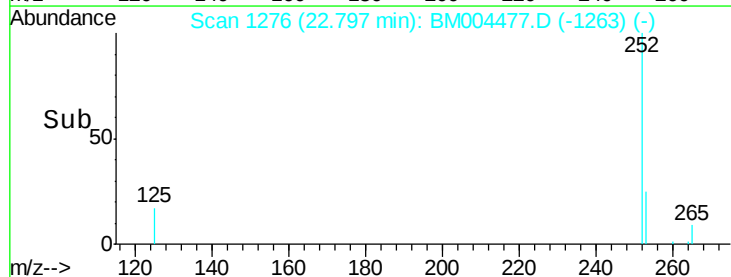
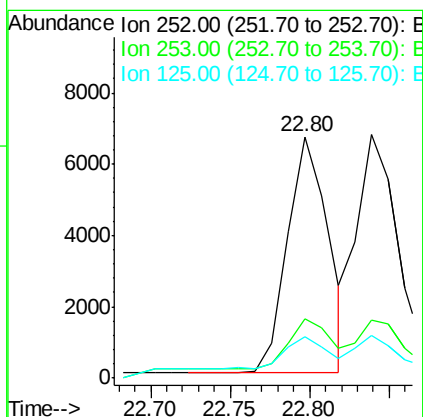
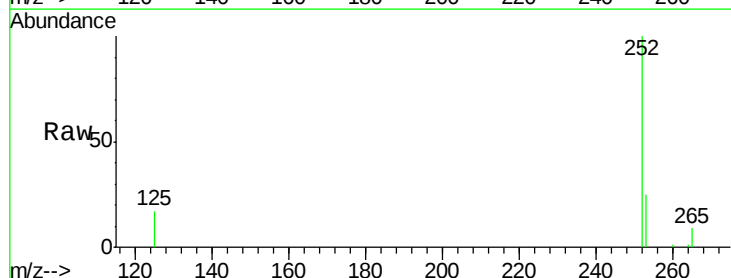
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

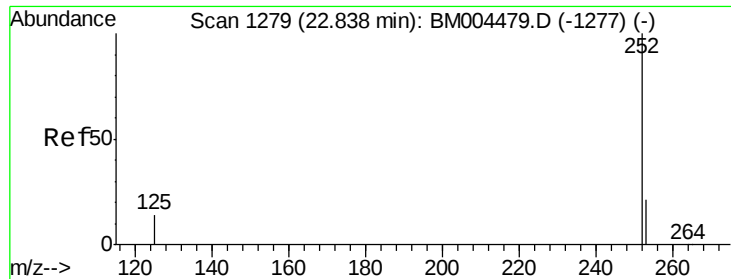
Tgt Ion: 264 Resp: 65582
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.8 29.6
 265 23.4 18.9 28.3



#36
 Benzo(b)fluoranthene
 Concen: 0.58 ng
 RT: 22.80 min Scan# 1276
 Delta R.T. -0.03 min
 Lab File: BM004477.D
 Acq: 29 Feb 2016 18:46

Tgt Ion: 252 Resp: 11838
 Ion Ratio Lower Upper
 252 100
 253 24.7 18.8 28.2
 125 17.1 11.8 17.8





#37

Benzo(k)fluoranthene

Concen: 0.70 ng

RT: 22.84 min Scan# 1280

Delta R.T. -0.03 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

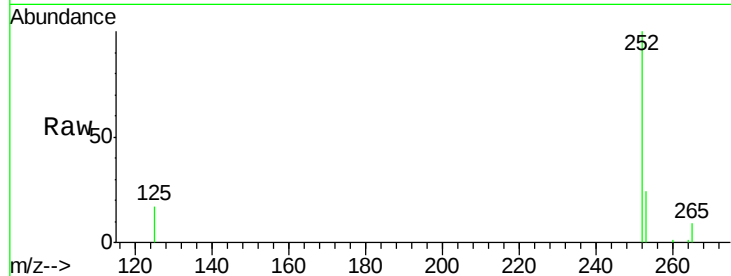
Tgt Ion:252 Resp: 13129

Ion Ratio Lower Upper

252 100

253 24.0 18.3 27.5

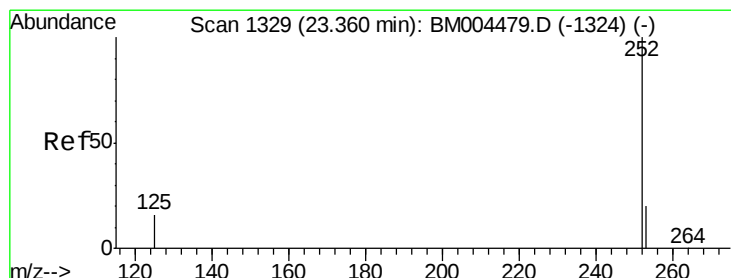
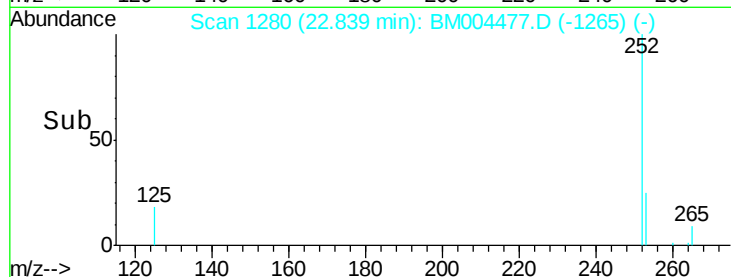
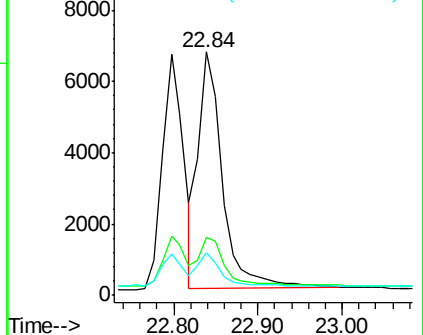
125 17.3 12.2 18.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 0.66 ng

RT: 23.37 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

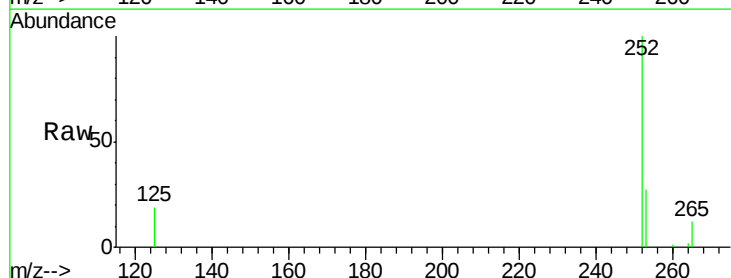
Tgt Ion:252 Resp: 11962

Ion Ratio Lower Upper

252 100

253 26.9 18.0 27.0

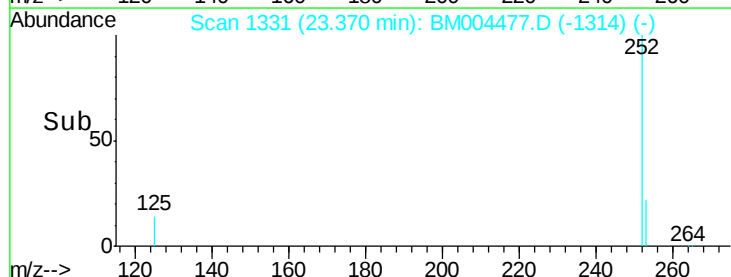
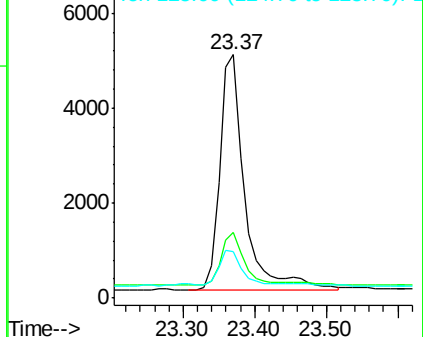
125 18.9 14.3 21.5

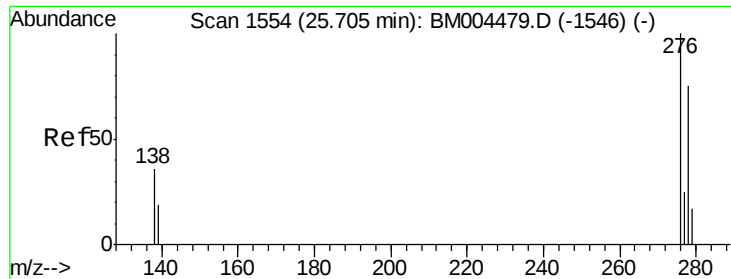


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.62 ng

RT: 25.71 min Scan# 1555

Delta R.T. -0.05 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

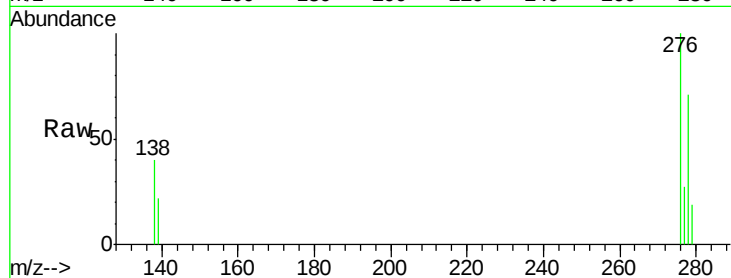
Tgt Ion: 278 Resp: 10016

Ion Ratio Lower Upper

278 100

139 30.4 21.2 31.8

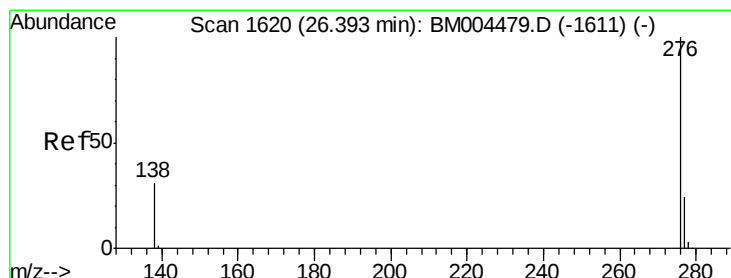
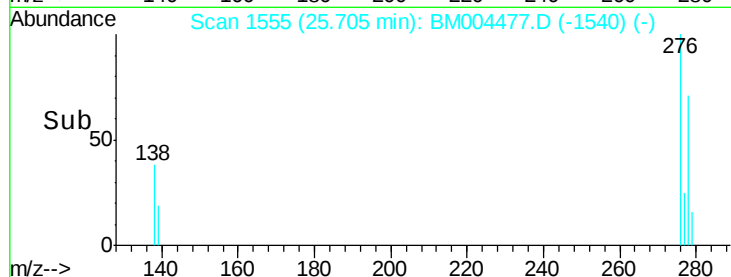
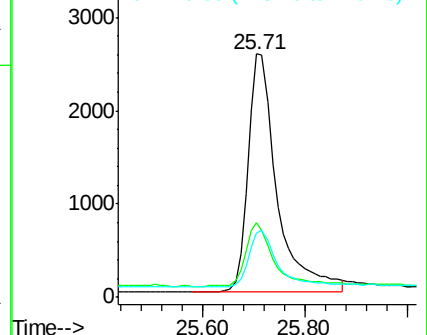
279 26.7 19.6 29.4



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: 0.63 ng

RT: 26.39 min Scan# 1621

Delta R.T. -0.04 min

Lab File: BM004477.D

Acq: 29 Feb 2016 18:46

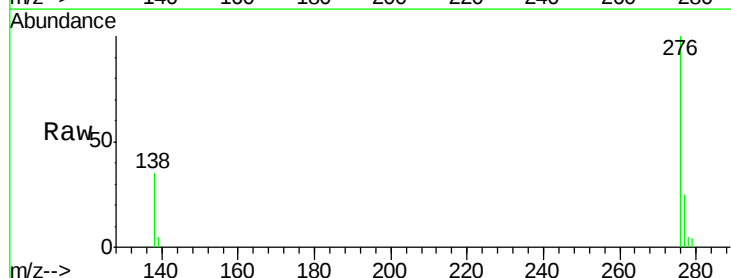
Tgt Ion: 276 Resp: 11166

Ion Ratio Lower Upper

276 100

277 25.2 19.6 29.4

138 35.1 26.2 39.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

