

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022916\
 Data File : BM004481.D
 Acq On : 29 Feb 2016 21:11
 Operator : SJ/UM
 Sample : SSTDICC005
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Quant Time: Mar 01 00:30:42 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	18737	5.00	ng	-0.04
7) Naphthalene-d8	10.39	136	75519	5.00	ng	-0.04
13) Acenaphthene-d10	14.26	164	39401	5.00	ng	-0.04
19) Phenanthrene-d10	17.01	188	82101	5.00	ng	-0.04
26) Chrysene-d12	21.25	240	72203	5.00	ng	-0.01
35) Perylene-d12	23.46	264	69880	5.00	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	21711	5.51	ng	-0.05
5) Phenol-d6	6.80	99	26861	5.66	ng	-0.04
8) Nitrobenzene-d5	8.77	82	20553	6.15	ng	-0.04
14) 2,4,6-Tribromophenol	15.77	330	7348	6.35	ng	-0.04
15) 2-Fluorobiphenyl	12.88	172	60823	5.03	ng	-0.04
29) Terphenyl-d14	19.67	244	53518	5.77	ng	-0.03

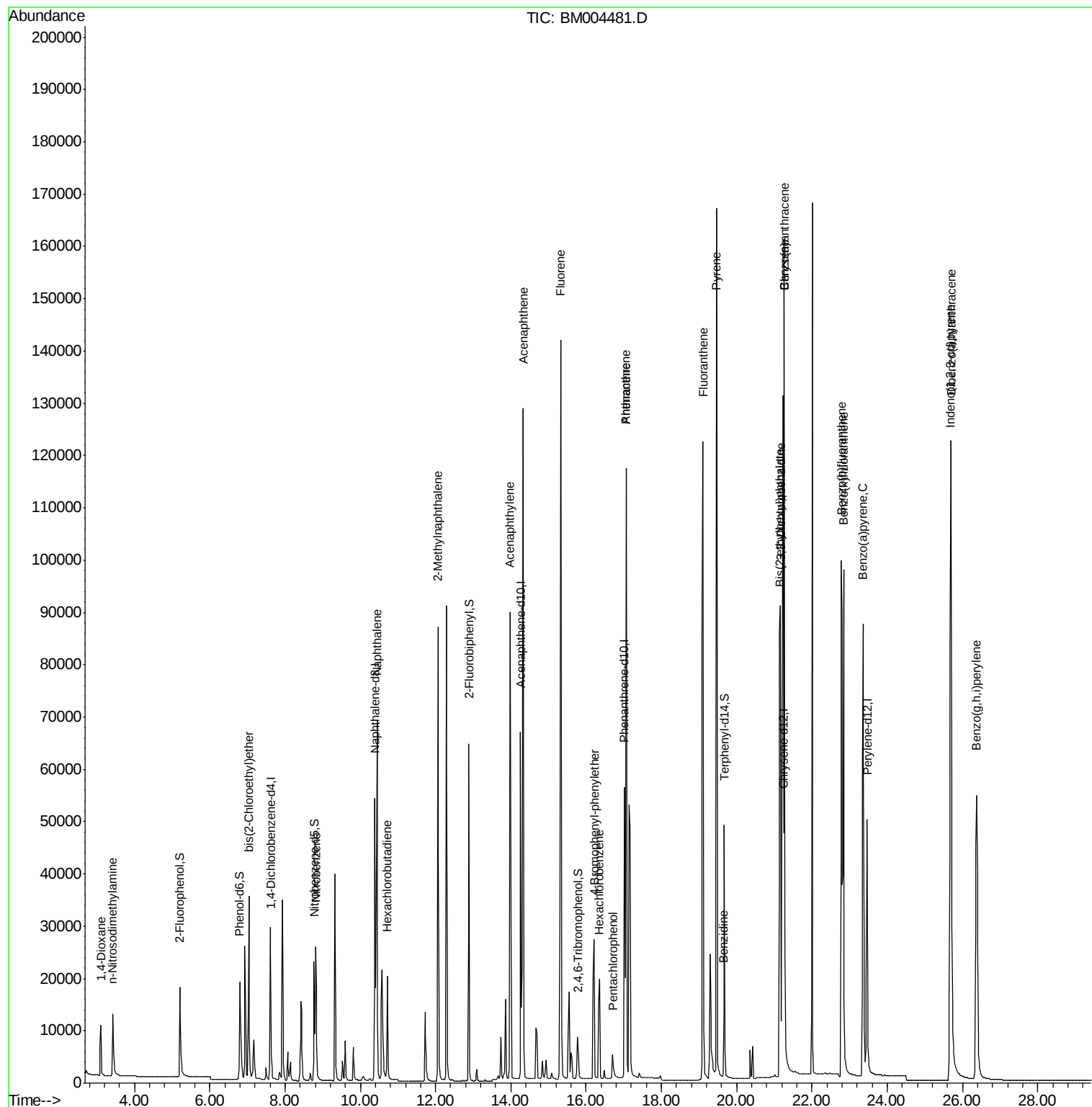
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	8337	4.05	ng	92
3) n-Nitrosodimethylamine	3.41	42	9842	5.84	ng	95
6) bis(2-Chloroethyl)ether	7.04	93	27287	6.16	ng	97
9) Nitrobenzene	8.82	77	28565	7.39	ng	98
10) Naphthalene	10.44	128	103933	5.83	ng	97
11) Hexachlorobutadiene	10.72	225	16736	6.06	ng	99
12) 2-Methylnaphthalene	12.07	142	67603	5.82	ng	98
16) Acenaphthylene	13.97	152	120449	6.96	ng	100
17) Acenaphthene	14.33	154	73655	5.68	ng	99
18) Fluorene	15.33	166	94640	5.99	ng	98
20) 4-Bromophenyl-phenylether	16.22	248	20346	7.50	ng	# 89
21) Hexachlorobenzene	16.35	284	26154	9.13	ng	# 100
22) Pentachlorophenol	16.70	266	5399	7.54	ng	88
23) Phenanthrene	17.06	178	147705	8.25	ng	99
24) Anthracene	17.06	178	147677	7.81	ng	96
25) Fluoranthene	19.11	202	152370	6.77	ng	99
27) Benzidine	19.65	184	1632	0.45	ng	98
28) Pyrene	19.47	202	162938	7.83	ng	100
30) Benzo(a)anthracene	21.27	228	148386	6.71	ng	97
31) 3,3'-Dichlorobenzidine	21.16	252	88271	16.84	ng	# 95
32) Chrysene	21.27	228	151933	7.48	ng	92
33) Bis(2-ethylhexyl)phthalate	21.14	149	96278	10.43	ng	# 96
34) Indeno(1,2,3-cd)pyrene	25.68	276	139744	6.57	ng	99
36) Benzo(b)fluoranthene	22.79	252	139099	6.34	ng	97
37) Benzo(k)fluoranthene	22.84	252	137464	6.90	ng	98
38) Benzo(a)pyrene	23.36	252	126160	6.52	ng	97
39) Dibenzo(a,h)anthracene	25.69	278	112040	6.46	ng	97
40) Benzo(g,h,i)perylene	26.37	276	118768	6.27	ng	98

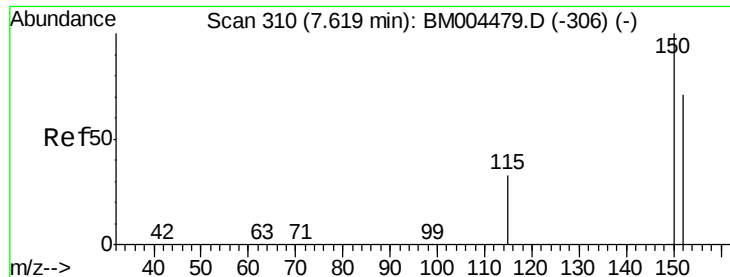
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM004481.D

Acq: 29 Feb 2016 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

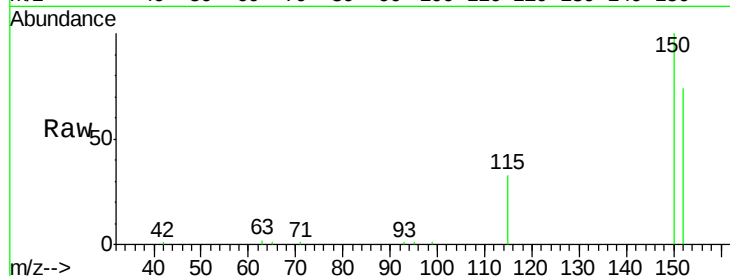
Tgt Ion:152 Resp: 18737

Ion Ratio Lower Upper

152 100

150 135.7 111.9 167.9

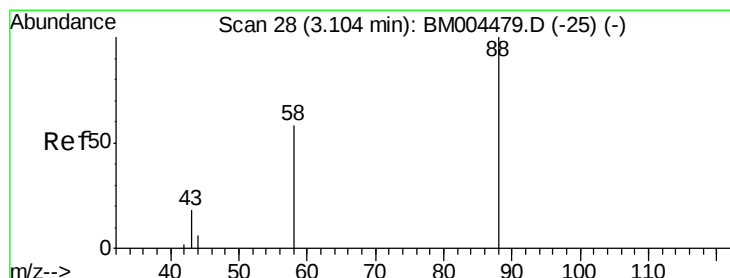
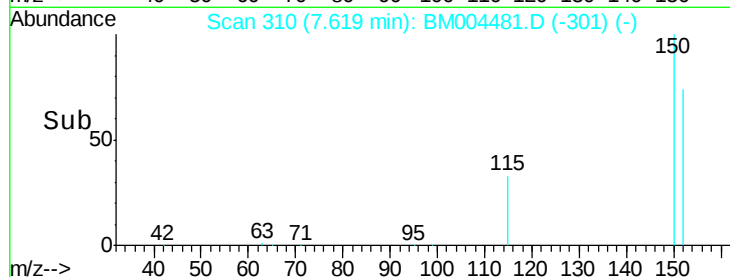
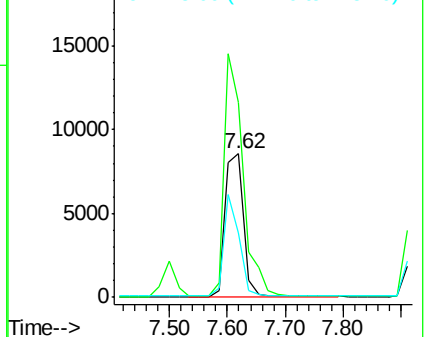
115 44.8 37.7 56.5



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: 4.05 ng

RT: 3.10 min Scan# 28

Delta R.T. -0.05 min

Lab File: BM004481.D

Acq: 29 Feb 2016 21:11

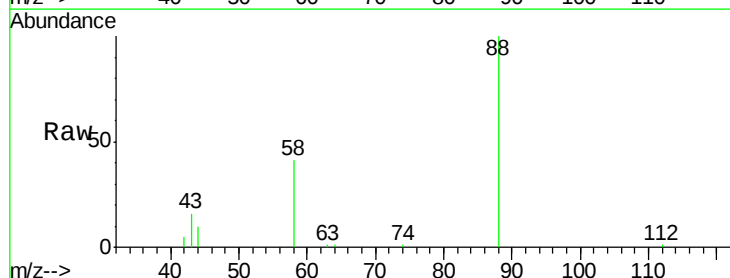
Tgt Ion: 88 Resp: 8337

Ion Ratio Lower Upper

88 100

58 64.1 45.4 68.0

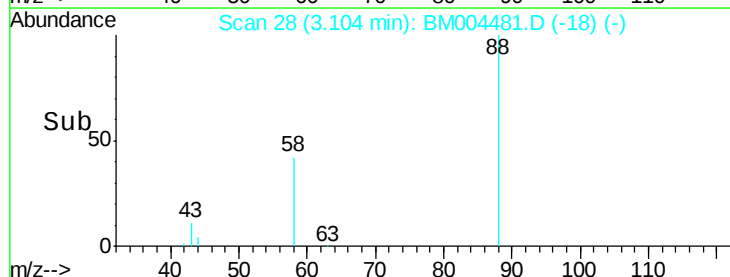
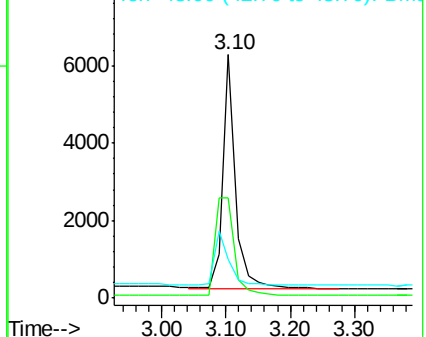
43 26.5 19.3 28.9

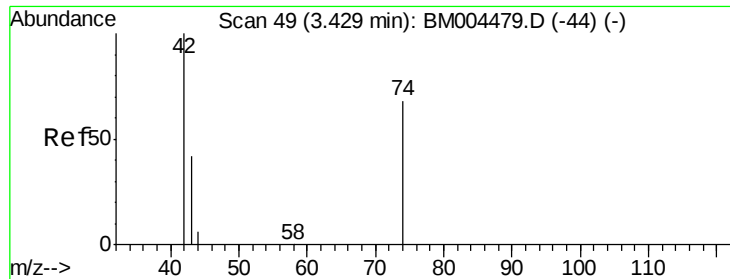


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 5.84 ng

RT: 3.41 min Scan# 48

Delta R.T. -0.06 min

Lab File: BM004481.D

Acq: 29 Feb 2016 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

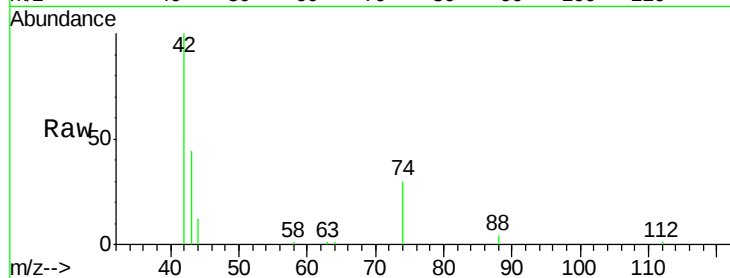
Tgt Ion: 42 Resp: 9842

Ion Ratio Lower Upper

42 100

74 140.8 117.8 176.8

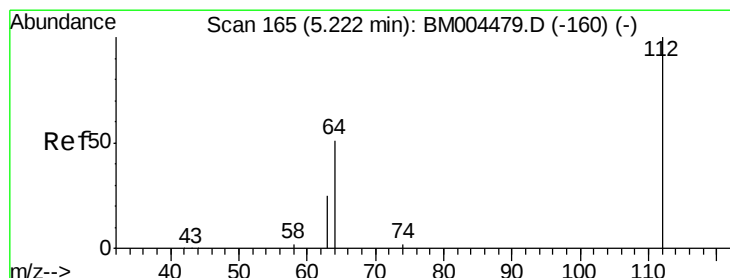
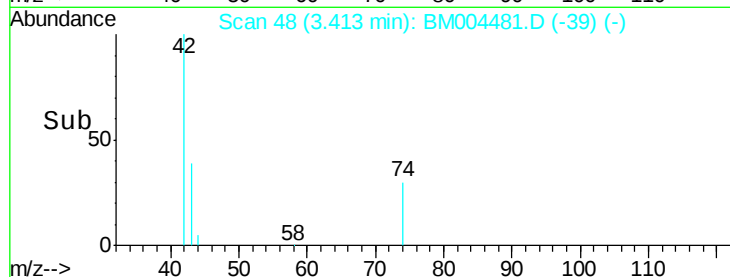
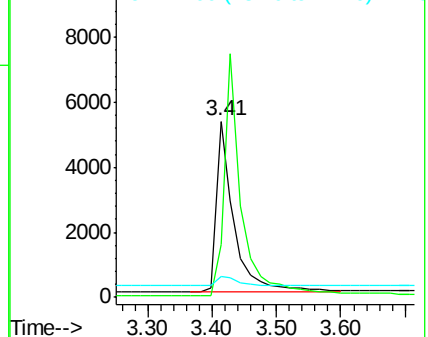
44 6.3 6.1 9.1



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: 5.51 ng

RT: 5.21 min Scan# 164

Delta R.T. -0.05 min

Lab File: BM004481.D

Acq: 29 Feb 2016 21:11

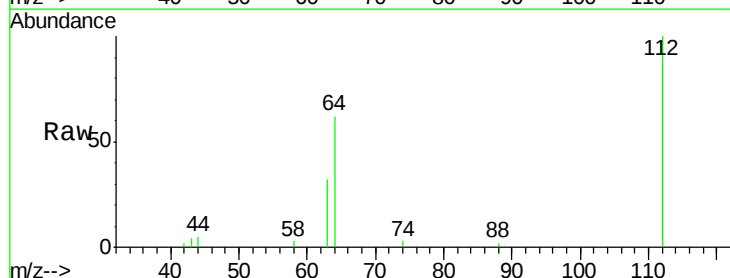
Tgt Ion: 112 Resp: 21711

Ion Ratio Lower Upper

112 100

64 49.1 39.6 59.4

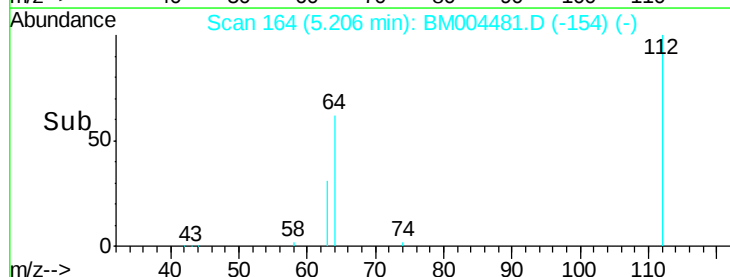
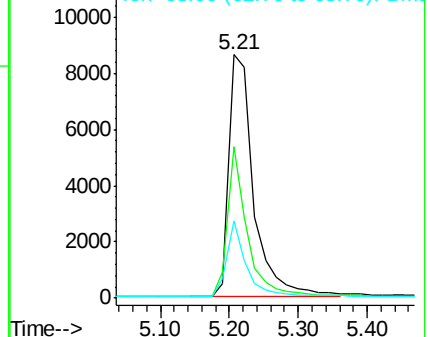
63 24.6 20.0 30.0

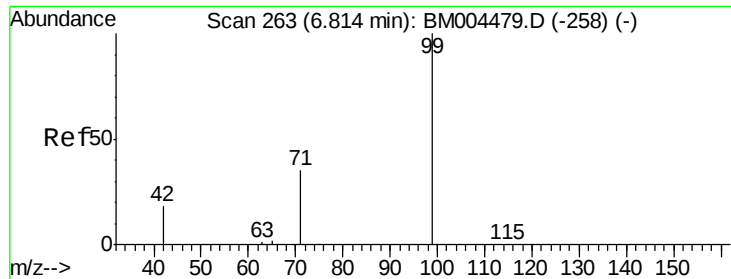


Abundance Ion 112.00 (111.70 to 112.70): BM004479.D (-160) (-)

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: 5.66 ng

RT: 6.80 min Scan# 262

Delta R.T. -0.04 min

Lab File: BM004481.D

Acq: 29 Feb 2016 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

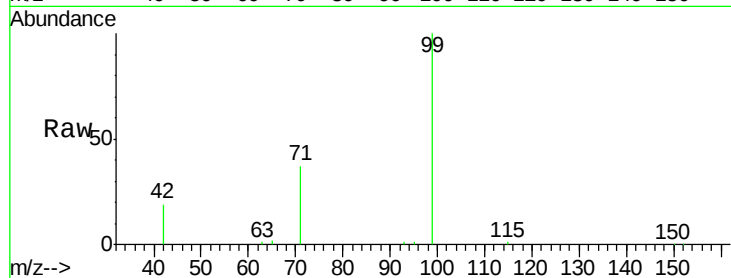
Tgt Ion: 99 Resp: 26861

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

71 29.4 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM004481.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM004481.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM004481.D (-253) (-)

6.80

15000

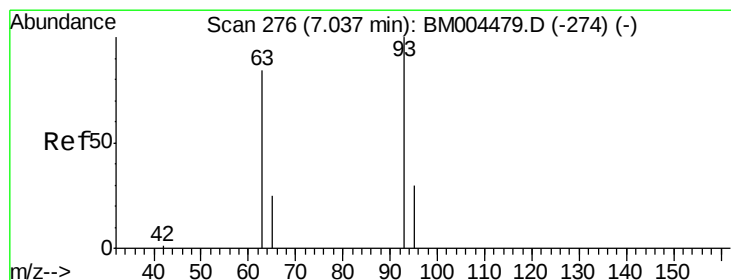
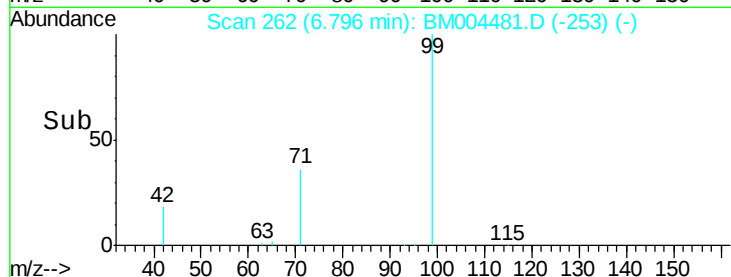
10000

5000

0

6.70 6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 6.16 ng

RT: 7.04 min Scan# 276

Delta R.T. -0.04 min

Lab File: BM004481.D

Acq: 29 Feb 2016 21:11

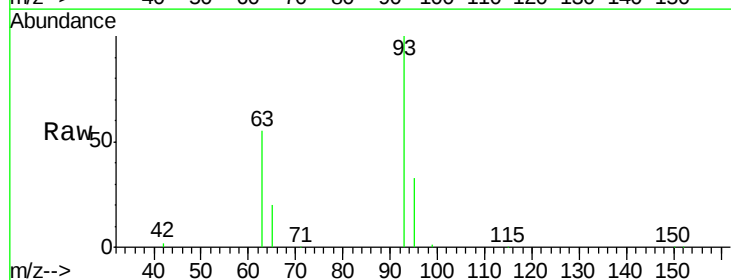
Tgt Ion: 93 Resp: 27287

Ion Ratio Lower Upper

93 100

63 67.3 51.7 77.5

95 32.6 25.4 38.2



Abundance Ion 93.00 (92.70 to 93.70): BM004481.D (-267) (-)

Ion 63.00 (62.70 to 63.70): BM004481.D (-267) (-)

Ion 95.00 (94.70 to 95.70): BM004481.D (-267) (-)

7.04

25000

20000

15000

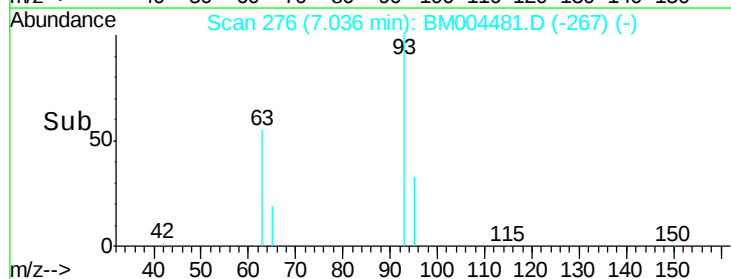
10000

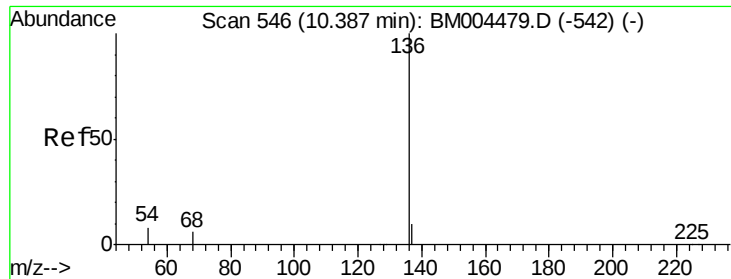
5000

0

7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. -0.04 min

Lab File: BM004481.D

Acq: 29 Feb 2016 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

Tgt Ion:136 Resp: 75519

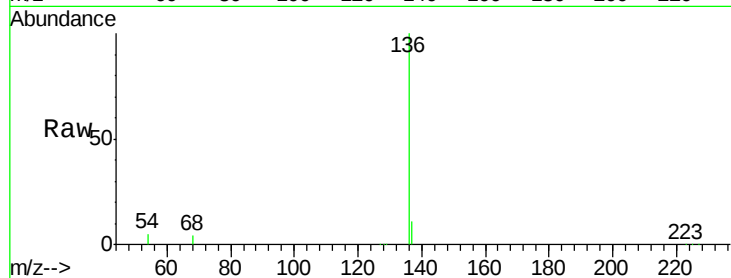
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.2

54 5.0 6.4 9.6#

68 4.2 5.0 7.4#

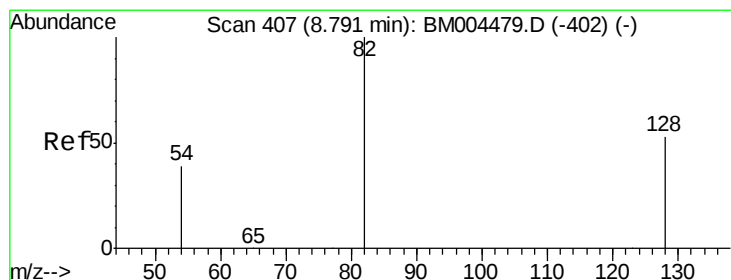
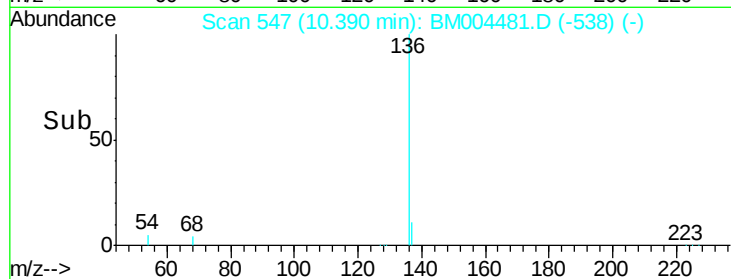
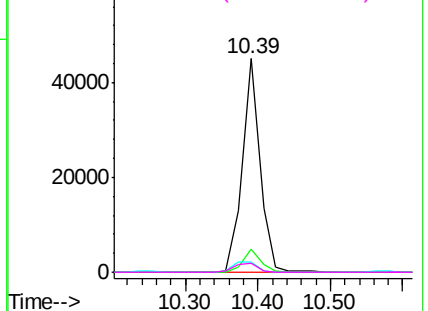


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.15 ng

RT: 8.77 min Scan# 406

Delta R.T. -0.04 min

Lab File: BM004481.D

Acq: 29 Feb 2016 21:11

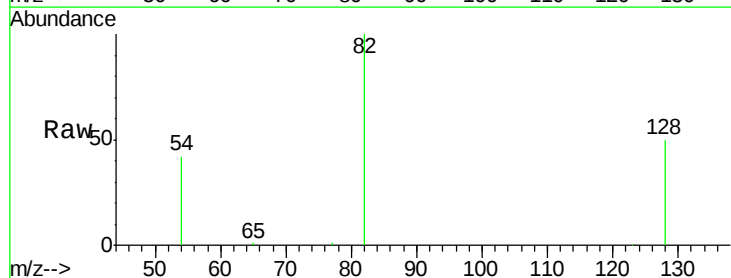
Tgt Ion: 82 Resp: 20553

Ion Ratio Lower Upper

82 100

128 50.5 43.7 65.5

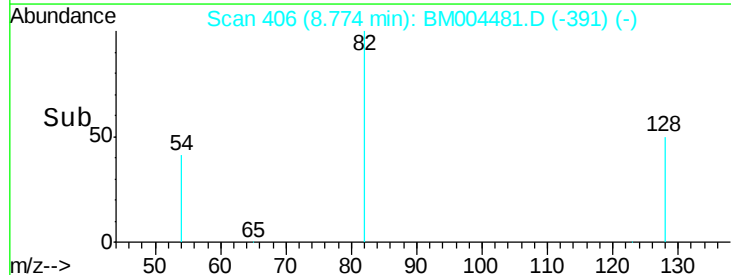
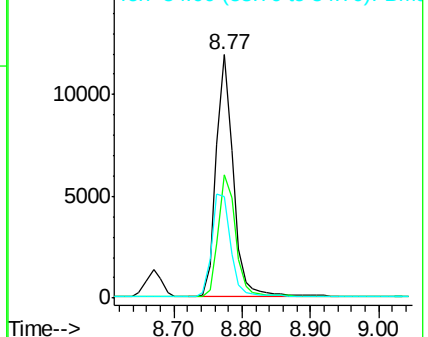
54 41.6 33.5 50.3

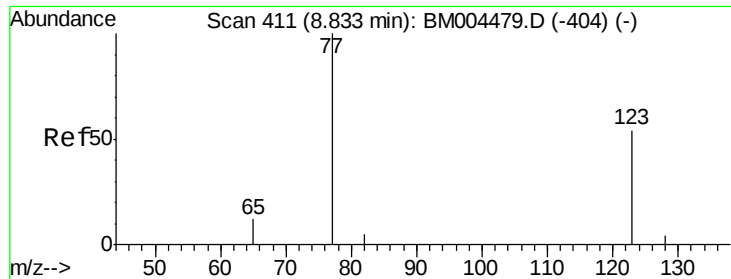


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 7.39 ng

RT: 8.82 min Scan# 410

Delta R.T. -0.04 min

Lab File: BM004481.D

Acq: 29 Feb 2016 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

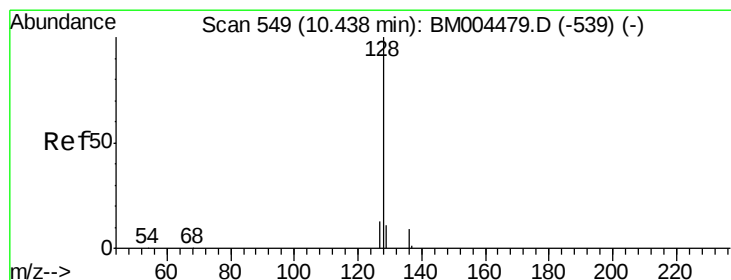
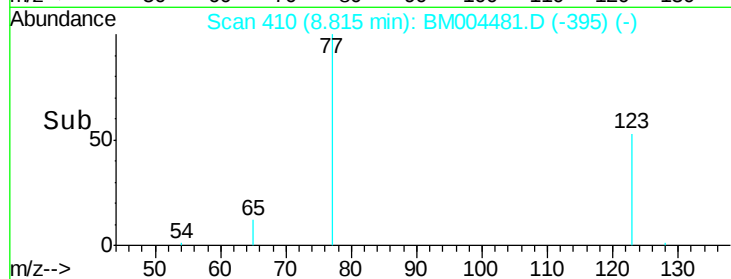
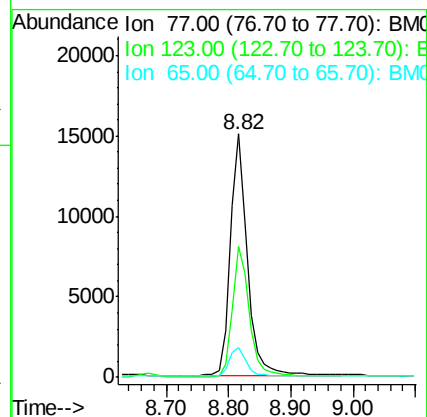
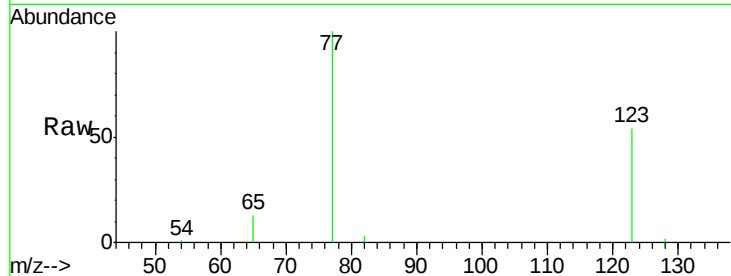
Tgt Ion: 77 Resp: 28565

Ion Ratio Lower Upper

77 100

123 54.3 42.2 63.2

65 12.6 10.0 15.0



#10

Naphthalene

Concen: 5.83 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.04 min

Lab File: BM004481.D

Acq: 29 Feb 2016 21:11

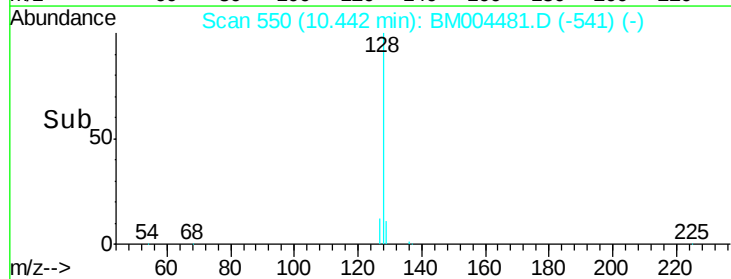
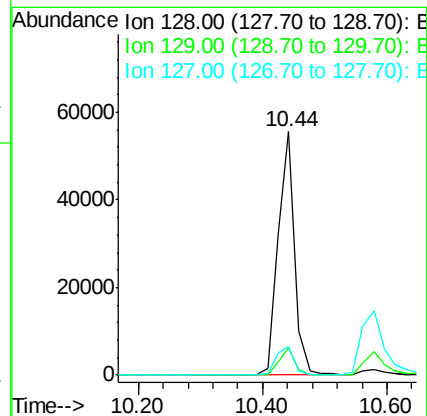
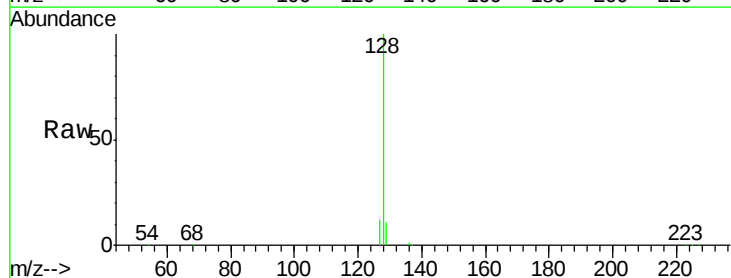
Tgt Ion: 128 Resp: 103933

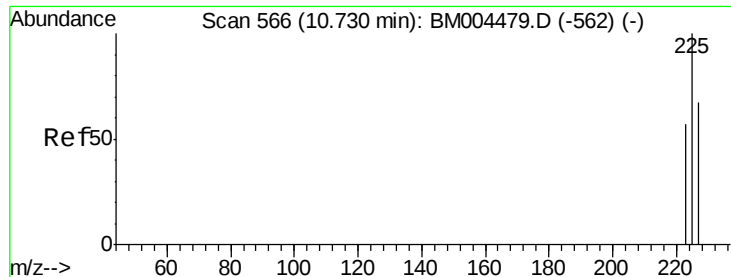
Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

127 11.9 10.9 16.3

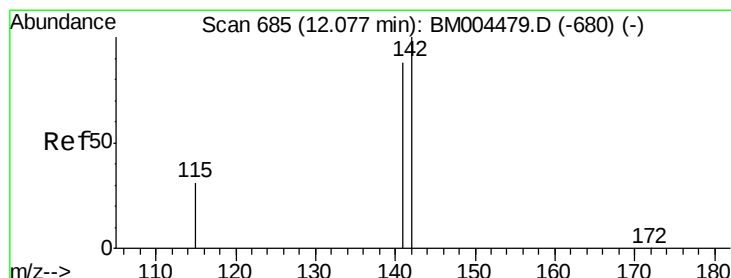
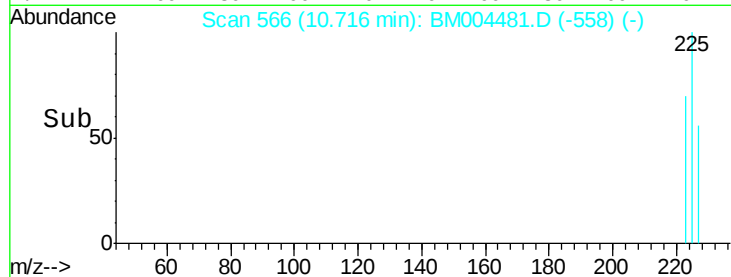
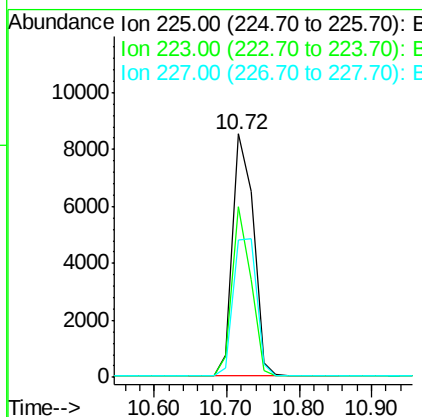
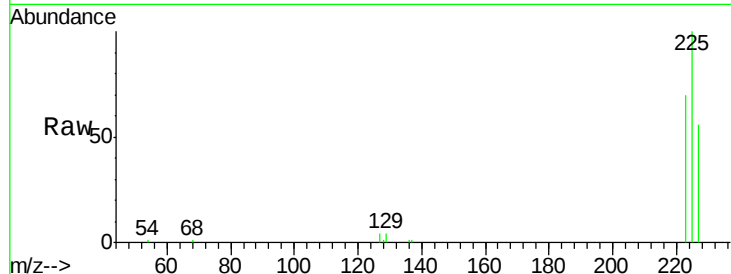




#11
Hexachlorobutadiene
Concen: 6.06 ng
RT: 10.72 min Scan# 566
Delta R.T. -0.06 min
Lab File: BM004481.D
Acq: 29 Feb 2016 21:11

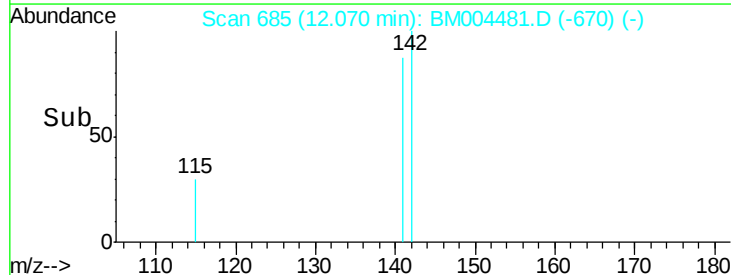
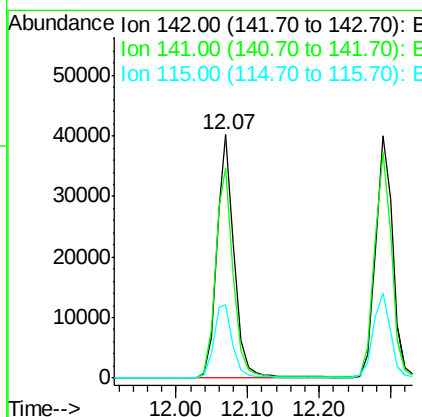
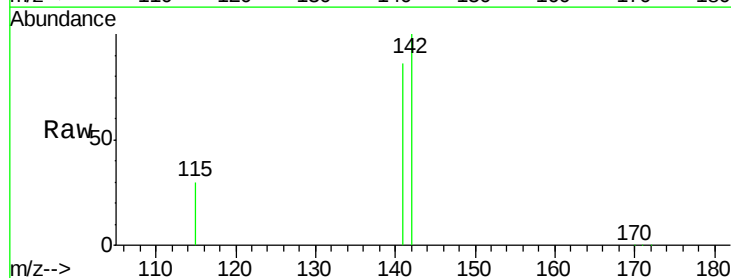
Instrument :
BNA_M
ClientSampleId :
SSTDIC005

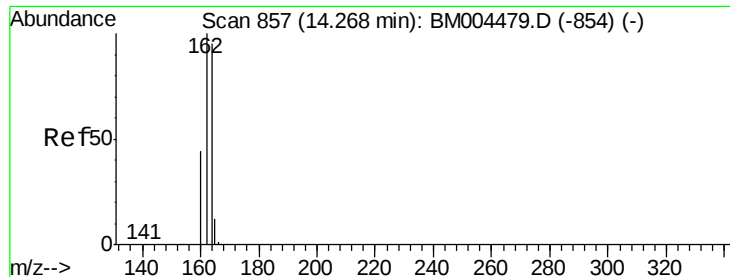
Tgt Ion: 225 Resp: 16736
Ion Ratio Lower Upper
225 100
223 63.1 50.2 75.4
227 63.8 50.6 75.8



#12
2-Methylnaphthalene
Concen: 5.82 ng
RT: 12.07 min Scan# 685
Delta R.T. -0.04 min
Lab File: BM004481.D
Acq: 29 Feb 2016 21:11

Tgt Ion: 142 Resp: 67603
Ion Ratio Lower Upper
142 100
141 86.4 70.2 105.2
115 30.4 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: BM004481.D

Acq: 29 Feb 2016 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

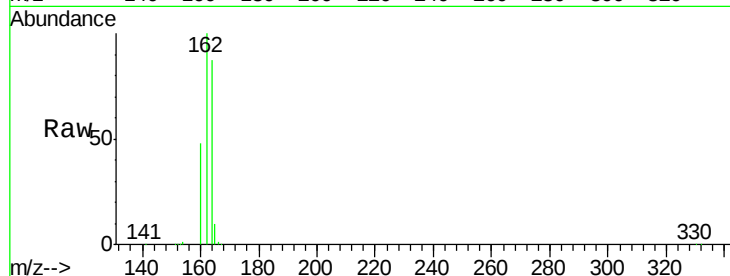
Tgt Ion:164 Resp: 39401

Ion Ratio Lower Upper

164 100

162 115.2 84.2 126.4

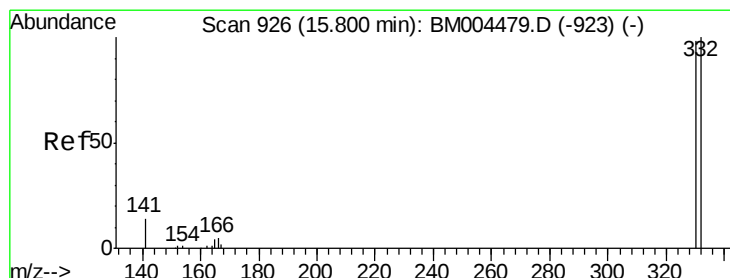
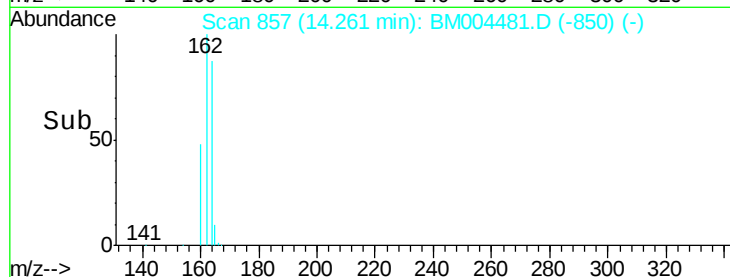
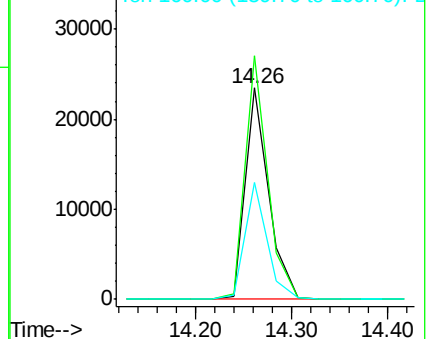
160 55.3 37.4 56.2



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: 6.35 ng

RT: 15.77 min Scan# 925

Delta R.T. -0.04 min

Lab File: BM004481.D

Acq: 29 Feb 2016 21:11

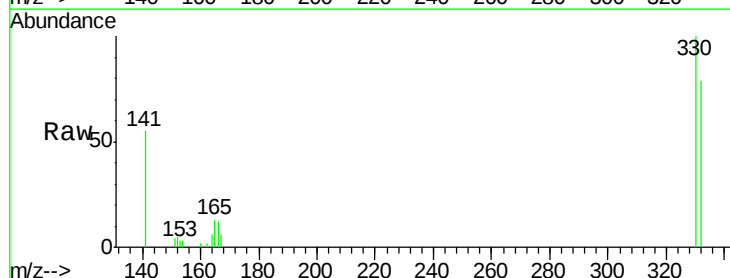
Tgt Ion:330 Resp: 7348

Ion Ratio Lower Upper

330 100

332 0.0 76.1 114.1#

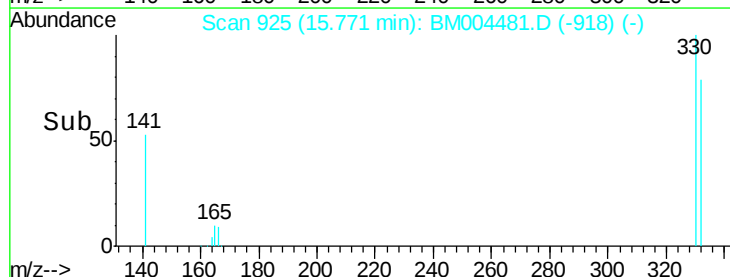
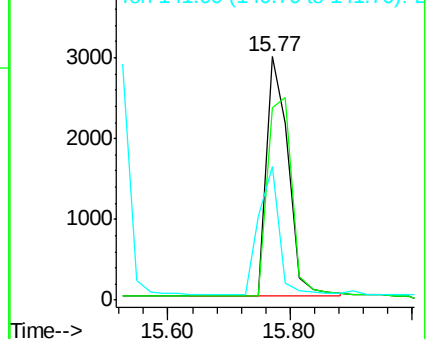
141 51.3 0.0 0.0#

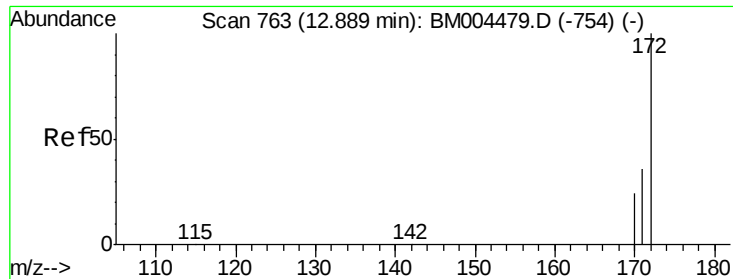


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

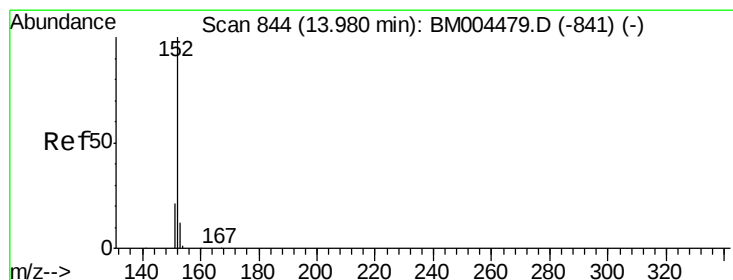
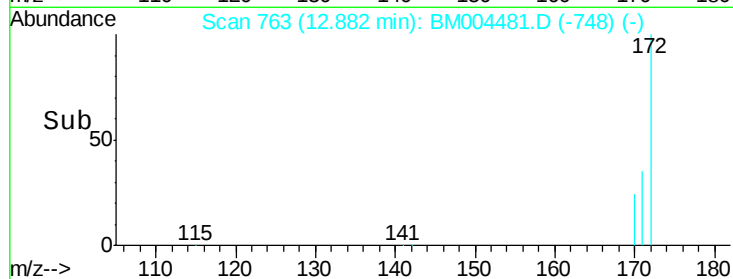
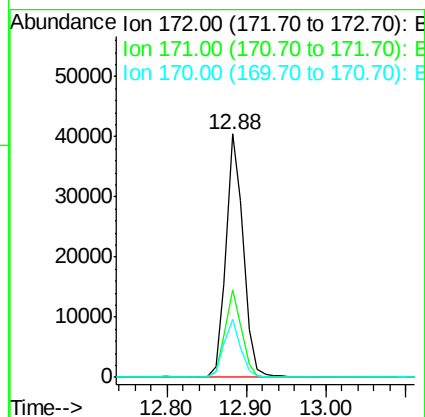
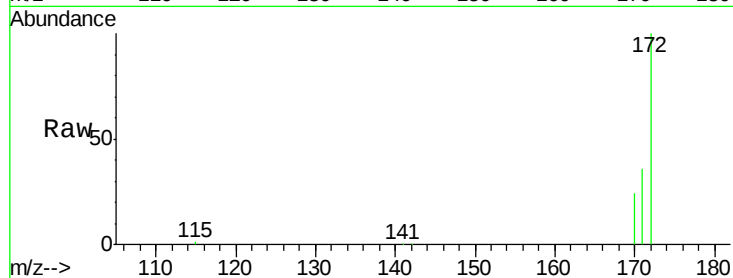




#15
2-Fluorobiphenyl
Concen: 5.03 ng
RT: 12.88 min Scan# 763
Delta R.T. -0.04 min
Lab File: BM004481.D
Acq: 29 Feb 2016 21:11

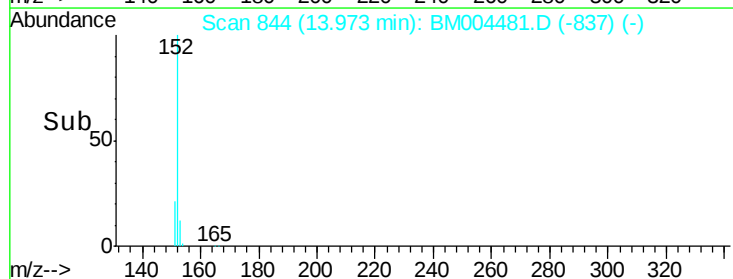
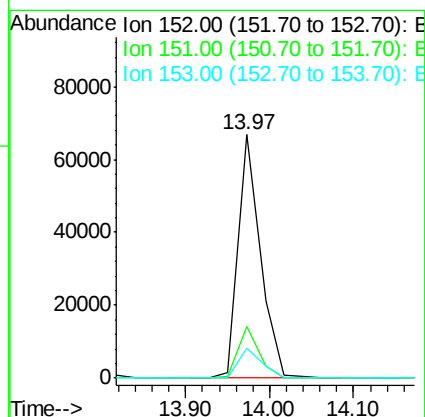
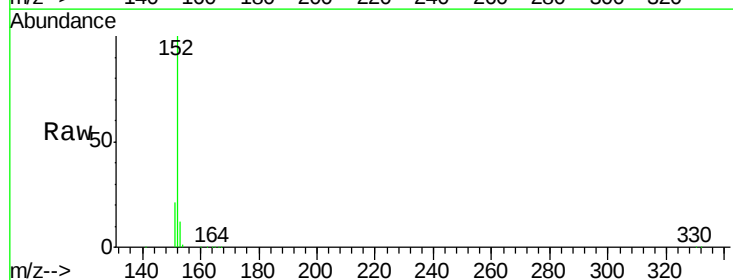
Instrument :
BNA_M
ClientSampleId :
SSTDIC005

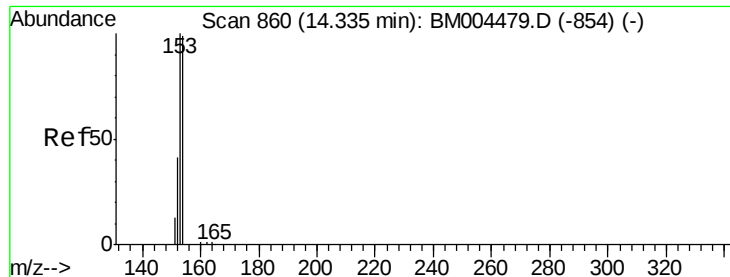
Tgt Ion:172 Resp: 60823
Ion Ratio Lower Upper
172 100
171 35.7 29.2 43.8
170 23.6 19.7 29.5



#16
Acenaphthylene
Concen: 6.96 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.04 min
Lab File: BM004481.D
Acq: 29 Feb 2016 21:11

Tgt Ion:152 Resp: 120449
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 12.8 10.2 15.4

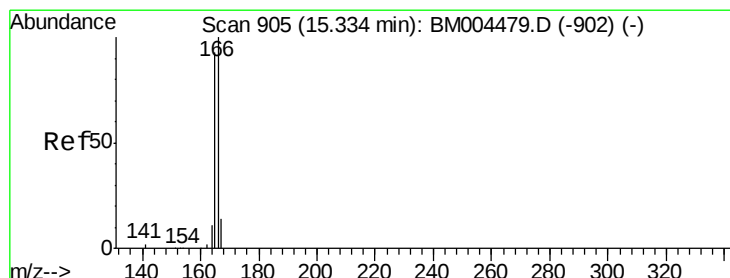
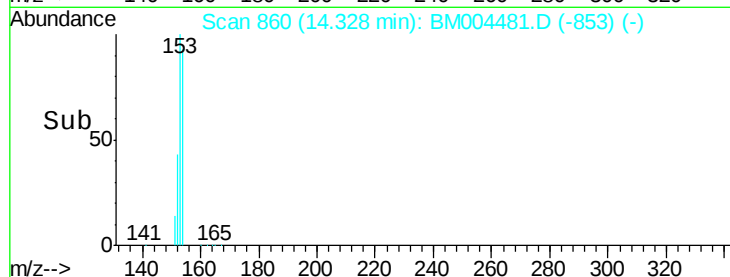
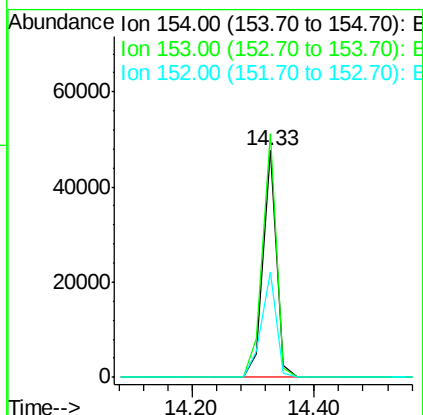
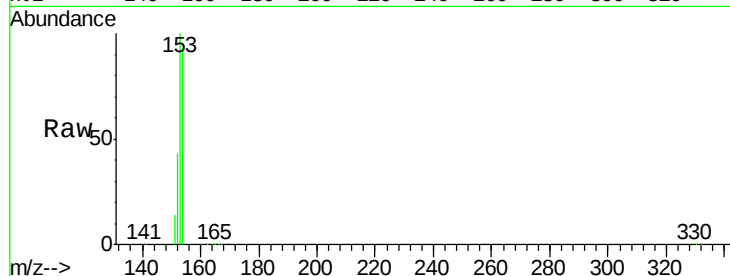




#17
Acenaphthene
Concen: 5.68 ng
RT: 14.33 min Scan# 860
Delta R.T. -0.04 min
Lab File: BM004481.D
Acq: 29 Feb 2016 21:11

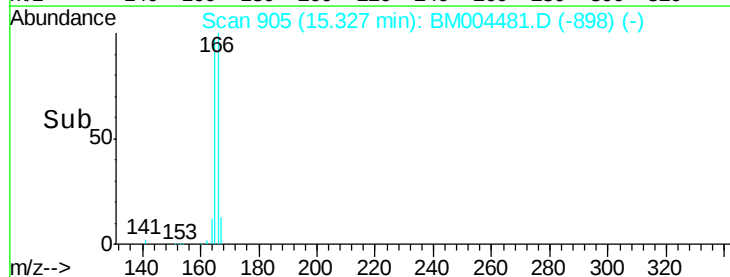
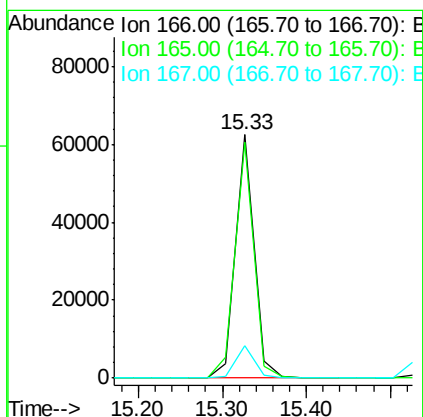
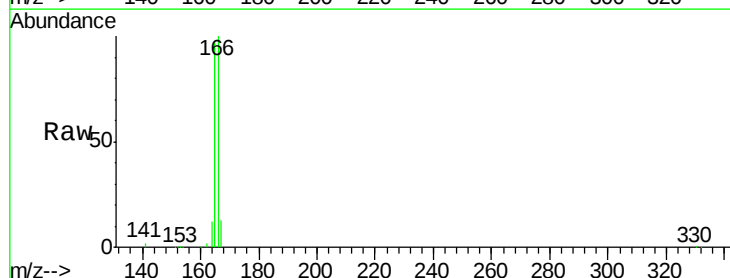
Instrument :
BNA_M
ClientSampleId :
SSTDIC005

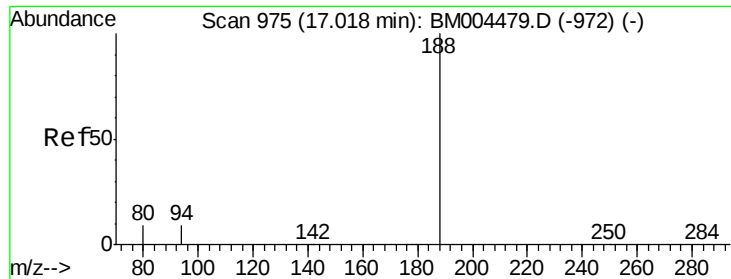
Tgt Ion:154 Resp: 73655
Ion Ratio Lower Upper
154 100
153 110.8 88.0 132.0
152 50.9 41.1 61.7



#18
Fluorene
Concen: 5.99 ng
RT: 15.33 min Scan# 905
Delta R.T. -0.04 min
Lab File: BM004481.D
Acq: 29 Feb 2016 21:11

Tgt Ion:166 Resp: 94640
Ion Ratio Lower Upper
166 100
165 98.3 77.2 115.8
167 13.3 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: BM004481.D

Acq: 29 Feb 2016 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

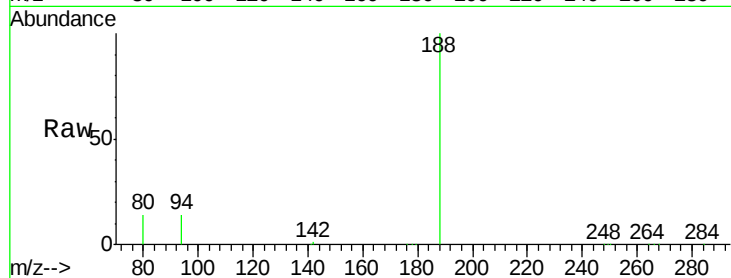
Tgt Ion:188 Resp: 82101

Ion Ratio Lower Upper

188 100

94 14.3 7.4 11.0#

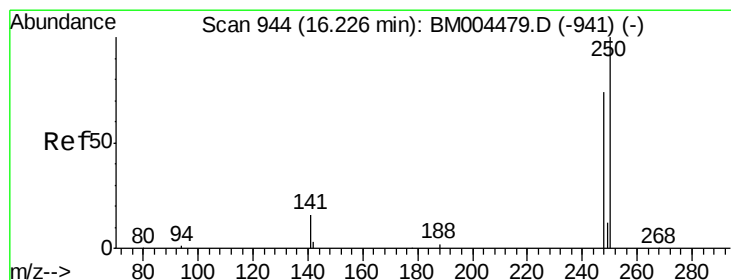
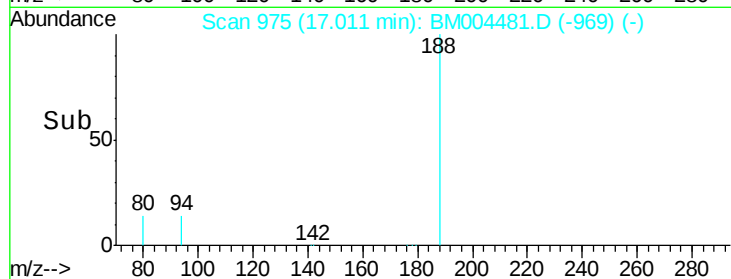
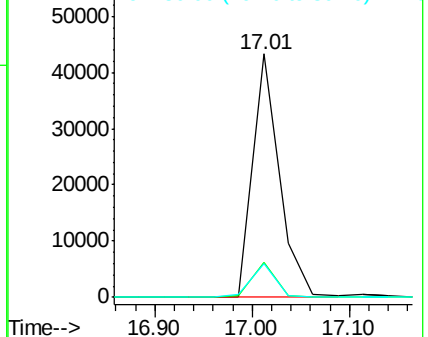
80 14.1 6.9 10.3#



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: 7.50 ng

RT: 16.22 min Scan# 944

Delta R.T. -0.02 min

Lab File: BM004481.D

Acq: 29 Feb 2016 21:11

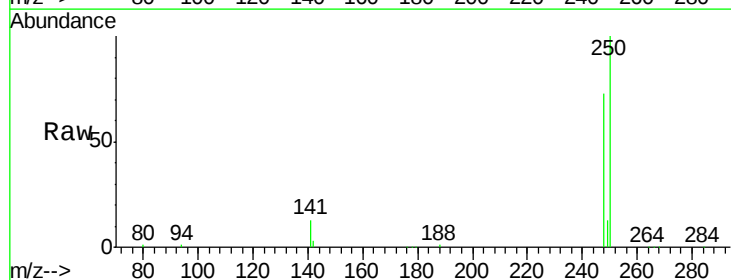
Tgt Ion:248 Resp: 20346

Ion Ratio Lower Upper

248 100

250 112.8 81.5 122.3

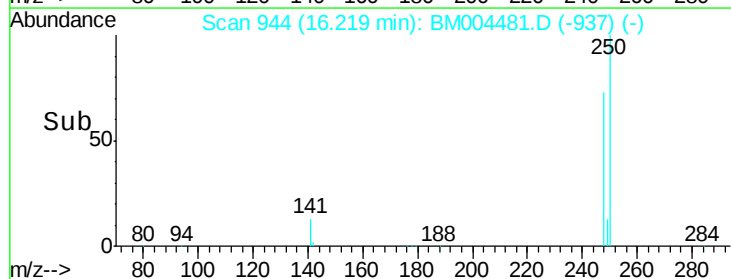
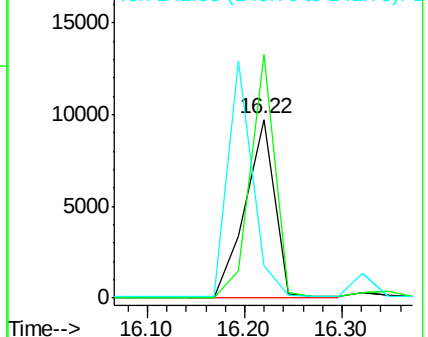
141 0.0 0.0 0.0

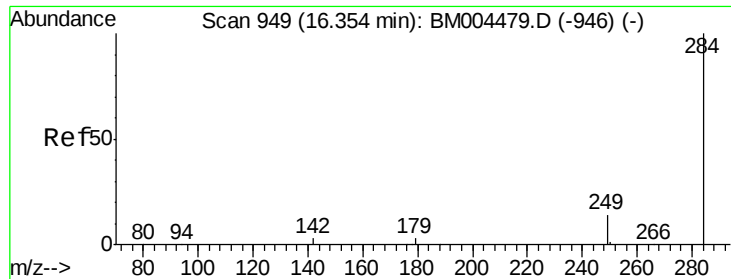


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

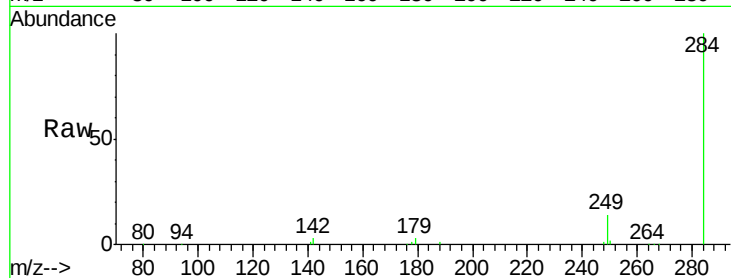




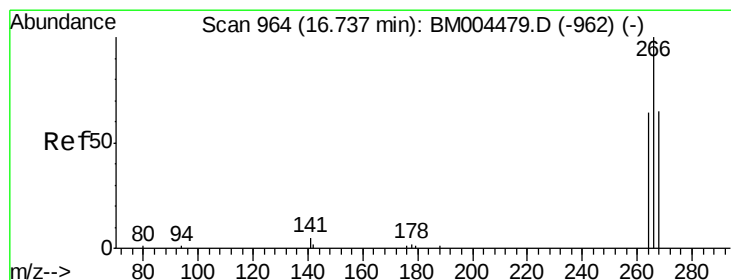
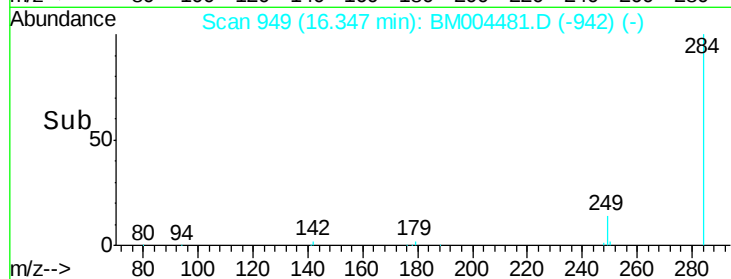
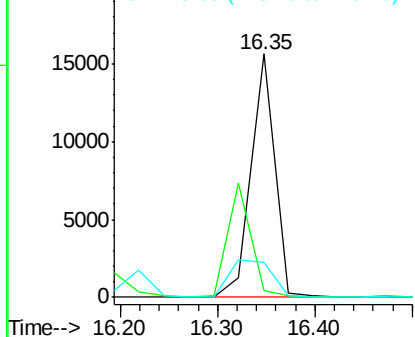
#21
Hexachlorobenzene
Concen: 9.13 ng
RT: 16.35 min Scan# 949
Delta R.T. -0.02 min
Lab File: BM004481.D
Acq: 29 Feb 2016 21:11

Instrument :
BNA_M
ClientSampleId :
SSTDIC005

Tgt Ion: 284 Resp: 26154
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

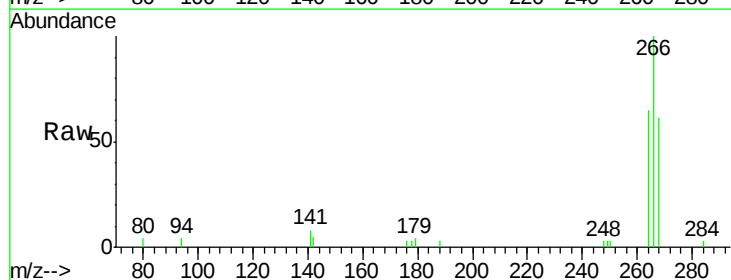


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

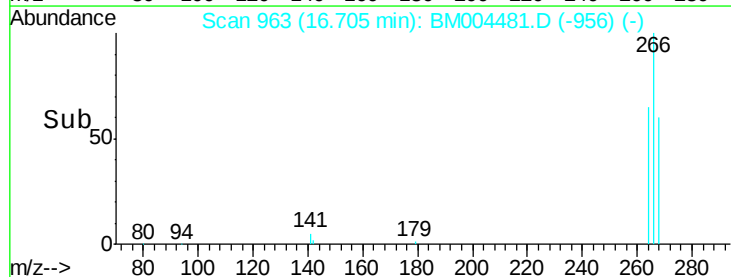
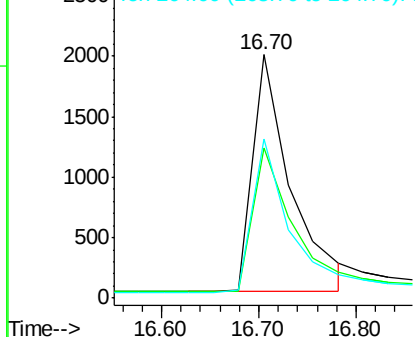


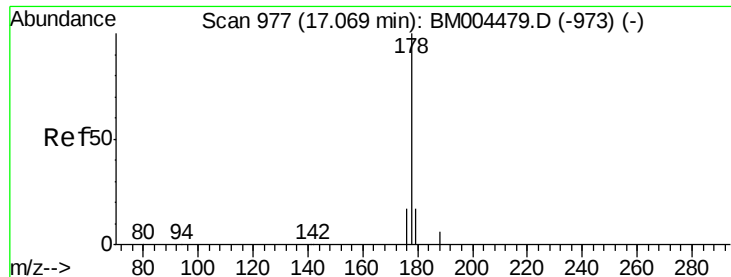
#22
Pentachlorophenol
Concen: 7.54 ng
RT: 16.70 min Scan# 963
Delta R.T. -0.03 min
Lab File: BM004481.D
Acq: 29 Feb 2016 21:11

Tgt Ion: 266 Resp: 5399
Ion Ratio Lower Upper
266 100
268 61.5 60.7 91.1
264 65.4 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

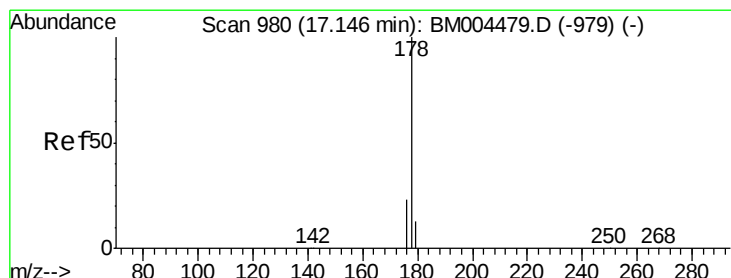
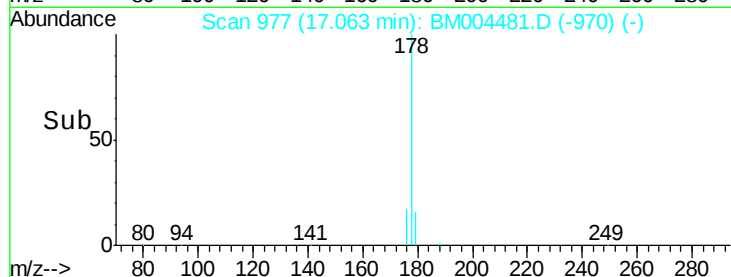
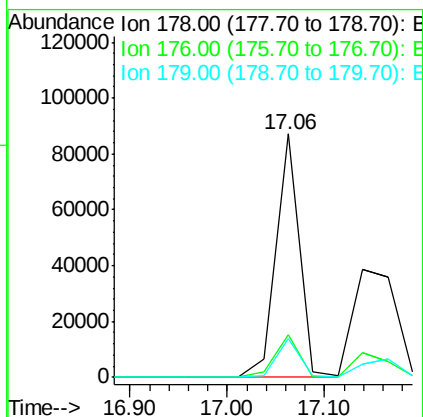
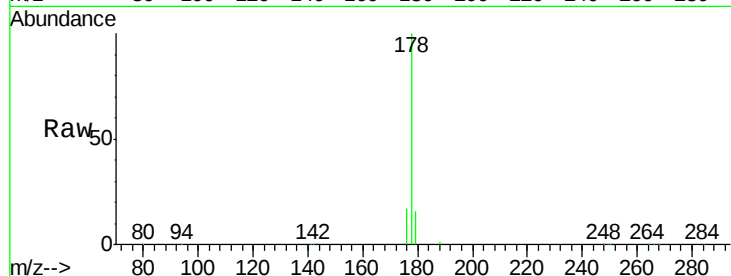




#23
Phenanthrene
Concen: 8.25 ng
RT: 17.06 min Scan# 977
Delta R.T. -0.02 min
Lab File: BM004481.D
Acq: 29 Feb 2016 21:11

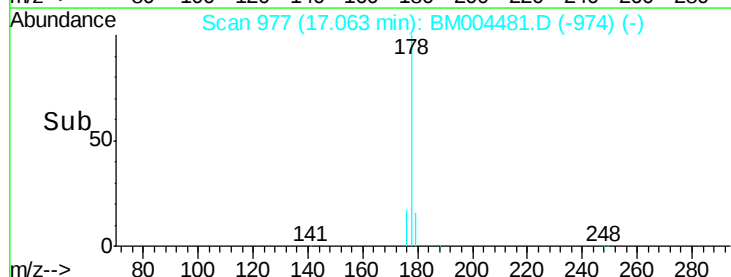
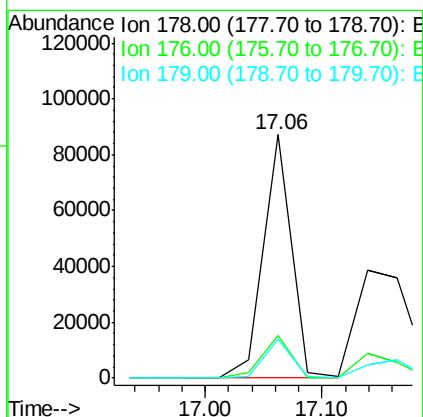
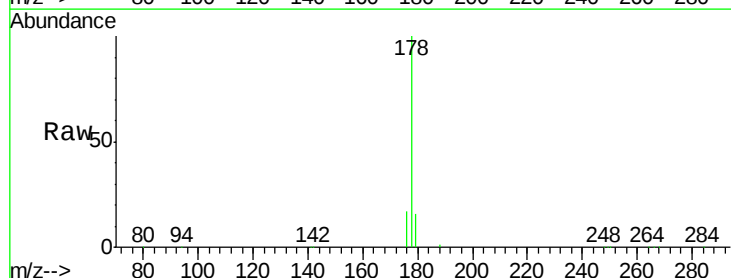
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

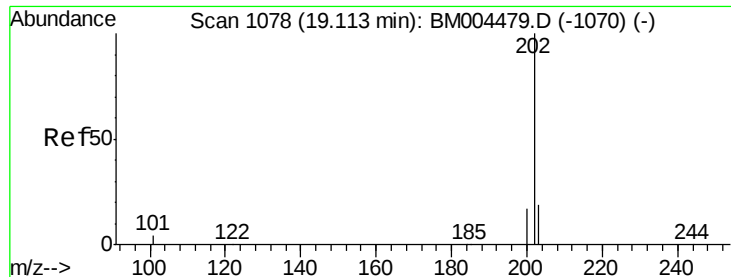
Tgt Ion:178 Resp: 147705
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 15.7 12.9 19.3



#24
Anthracene
Concen: 7.81 ng
RT: 17.06 min Scan# 977
Delta R.T. -0.12 min
Lab File: BM004481.D
Acq: 29 Feb 2016 21:11

Tgt Ion:178 Resp: 147677
Ion Ratio Lower Upper
178 100
176 18.1 15.9 23.9
179 15.7 13.9 20.9

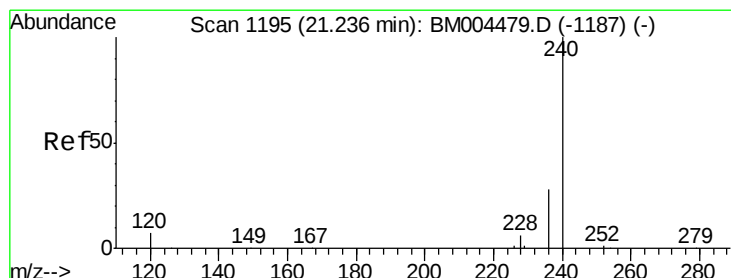
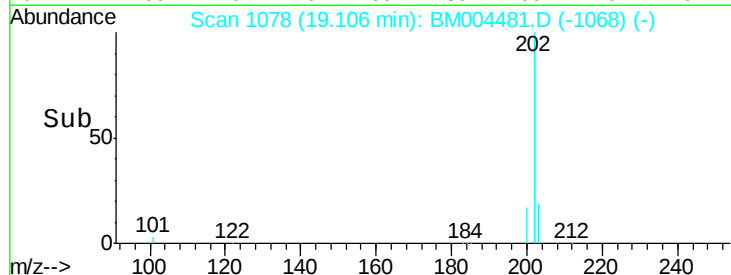
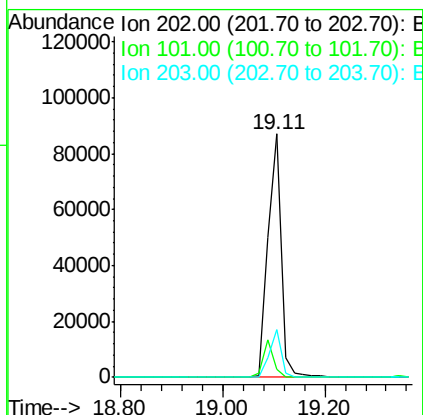
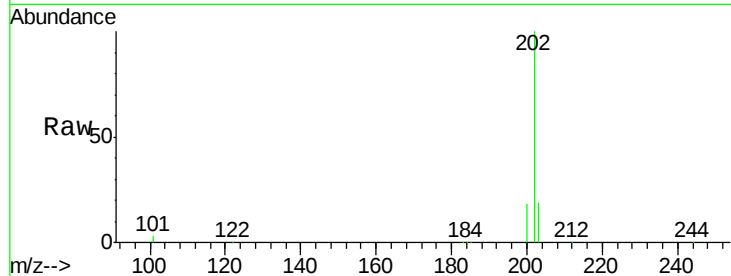




#25
 Fluoranthene
 Concen: 6.77 ng
 RT: 19.11 min Scan# 1078
 Delta R.T. -0.03 min
 Lab File: BM004481.D
 Acq: 29 Feb 2016 21:11

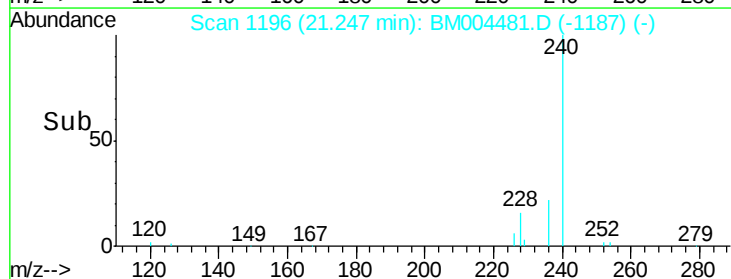
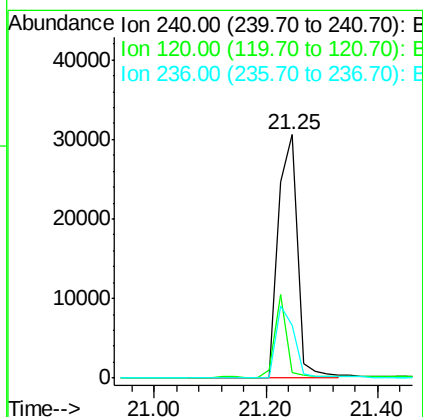
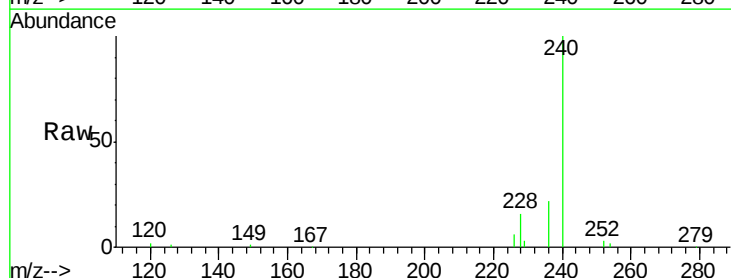
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

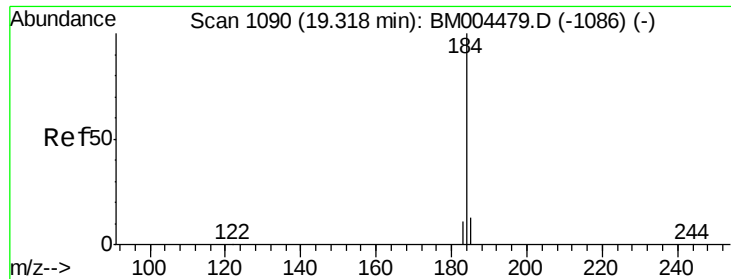
Tgt Ion: 202 Resp: 152370
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.4 14.2
 203 17.5 13.9 20.9



#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.25 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BM004481.D
 Acq: 29 Feb 2016 21:11

Tgt Ion: 240 Resp: 72203
 Ion Ratio Lower Upper
 240 100
 120 2.1 6.1 9.1#
 236 21.8 22.6 34.0#

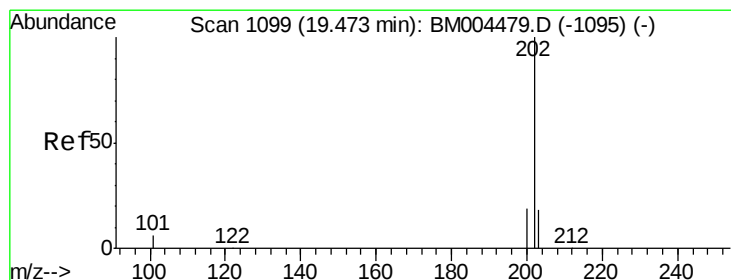
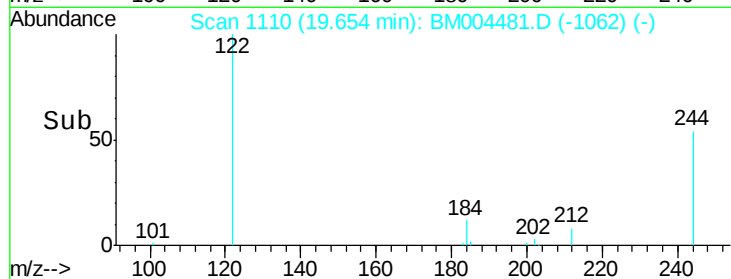
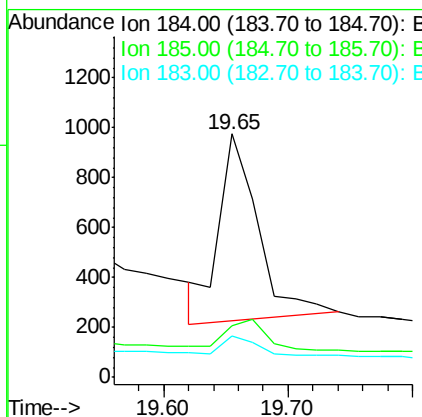
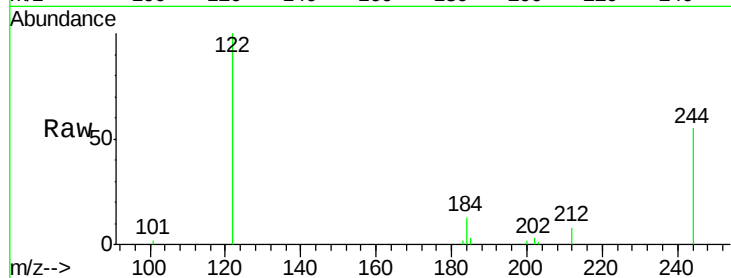




#27
Benzidine
Concen: 0.45 ng
RT: 19.65 min Scan# 1110
Delta R.T. 0.33 min
Lab File: BM004481.D
Acq: 29 Feb 2016 21:11

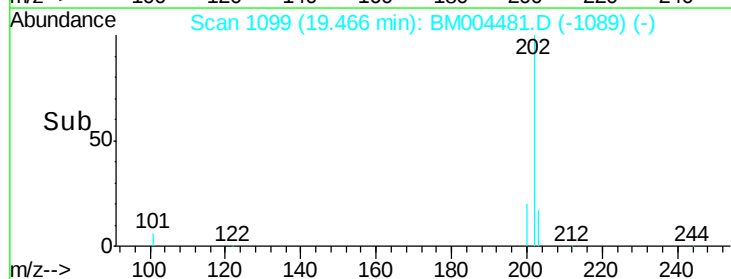
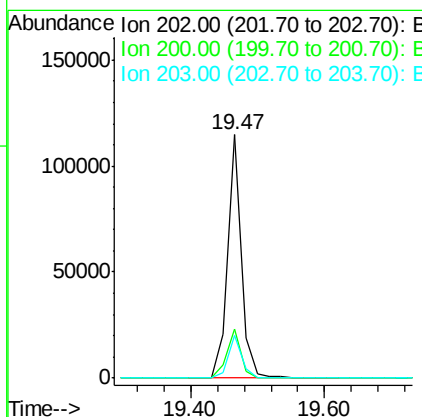
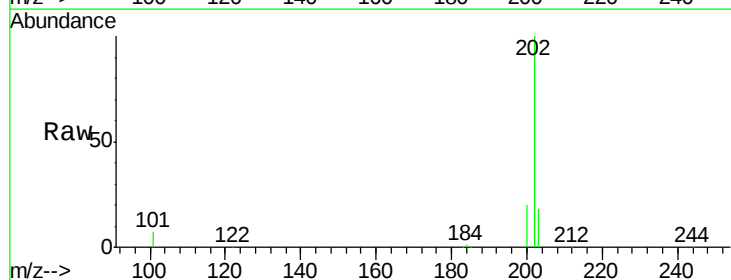
Instrument :
BNA_M
ClientSampleId :
SSTDIC005

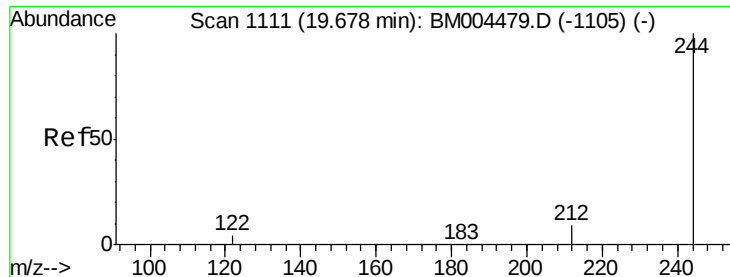
Tgt Ion:184 Resp: 1632
Ion Ratio Lower Upper
184 100
185 21.2 16.6 24.8
183 17.1 12.3 18.5



#28
Pyrene
Concen: 7.83 ng
RT: 19.47 min Scan# 1099
Delta R.T. -0.03 min
Lab File: BM004481.D
Acq: 29 Feb 2016 21:11

Tgt Ion:202 Resp: 162938
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 5.77 ng

RT: 19.67 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BM004481.D

Acq: 29 Feb 2016 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

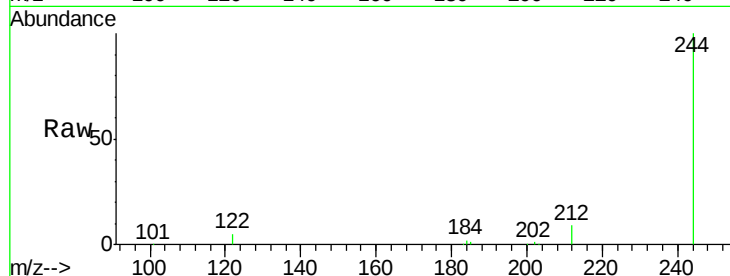
Tgt Ion:244 Resp: 53518

Ion Ratio Lower Upper

244 100

212 9.4 7.5 11.3

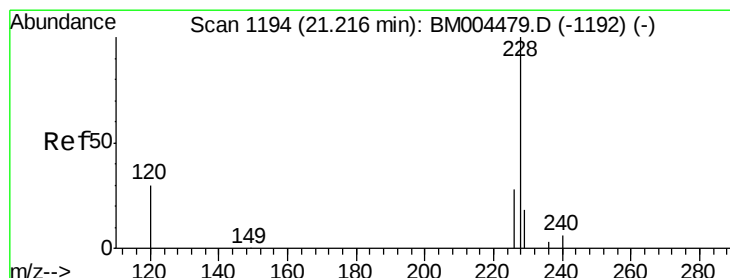
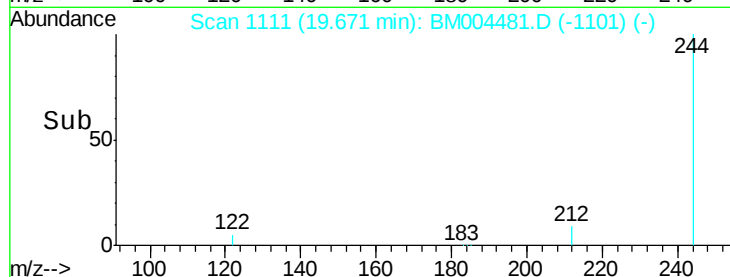
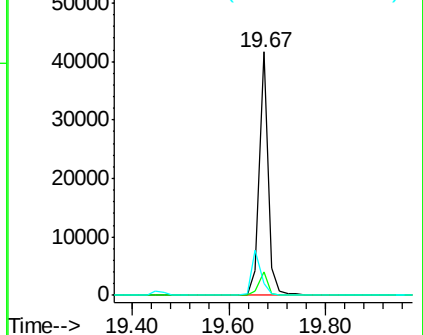
122 4.9 4.2 6.2



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: 6.71 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.03 min

Lab File: BM004481.D

Acq: 29 Feb 2016 21:11

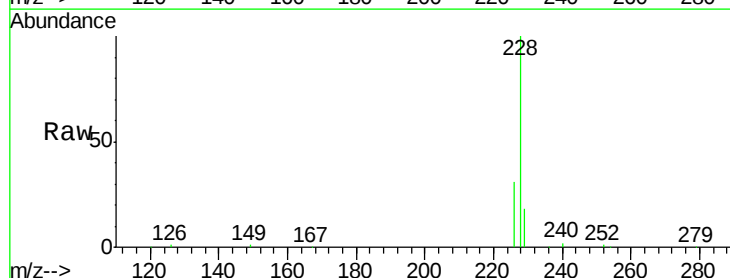
Tgt Ion:228 Resp: 148386

Ion Ratio Lower Upper

228 100

226 31.2 22.8 34.2

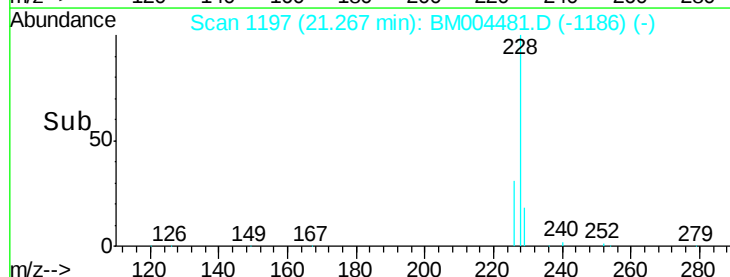
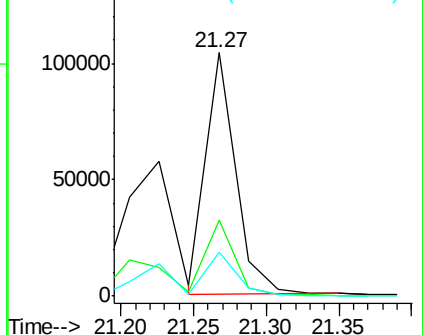
229 18.0 14.6 22.0

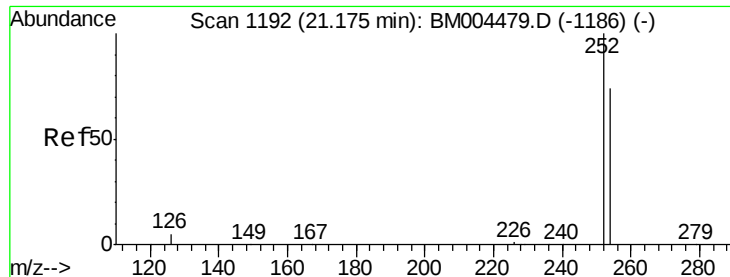


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

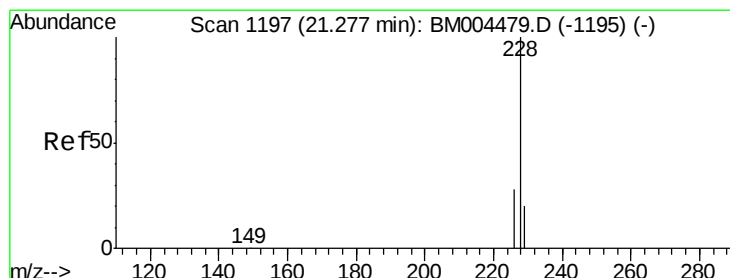
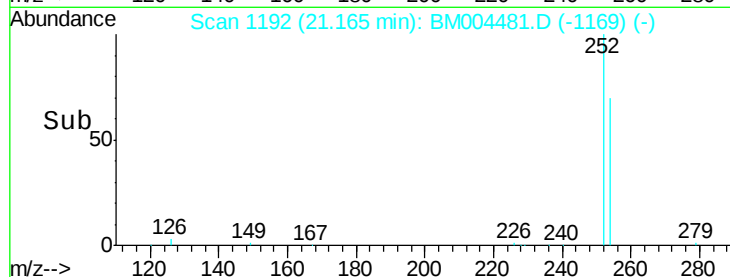
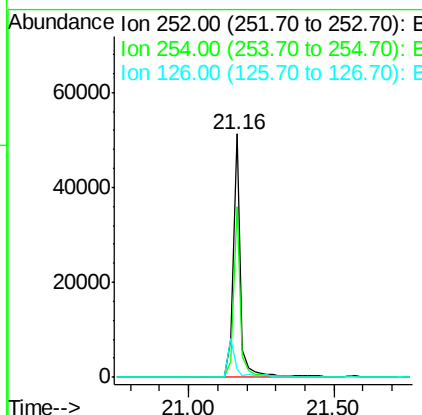
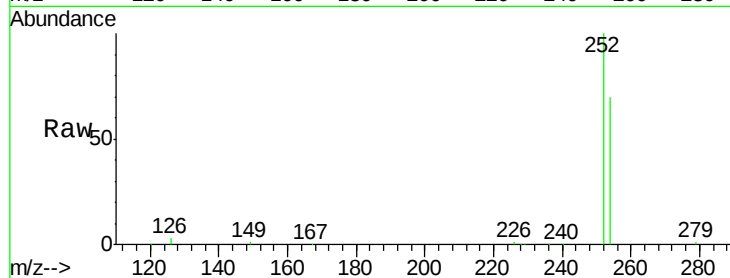




#31
 3,3'-Dichlorobenzidine
 Concen: 16.84 ng
 RT: 21.16 min Scan# 1192
 Delta R.T. -0.03 min
 Lab File: BM004481.D
 Acq: 29 Feb 2016 21:11

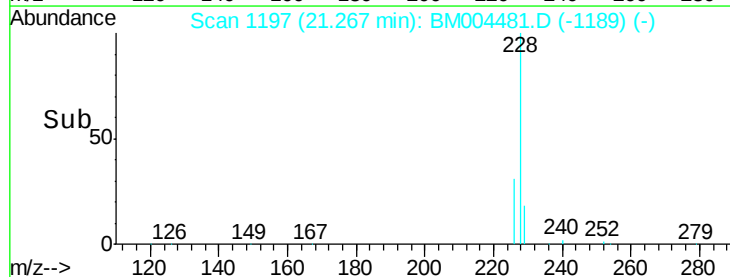
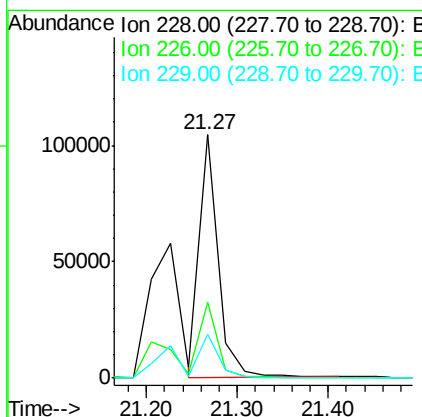
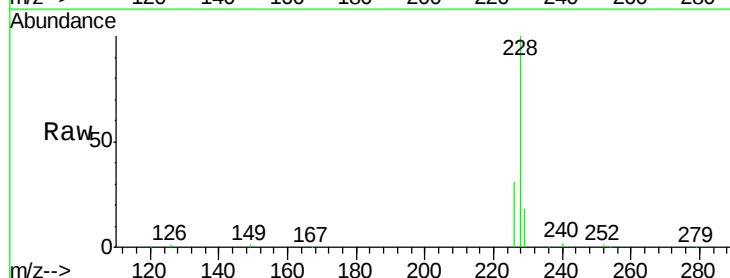
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

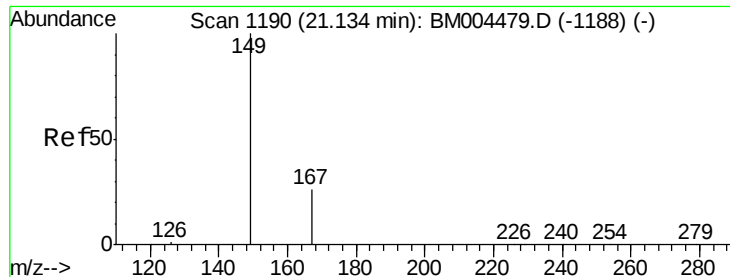
Tgt Ion:252 Resp: 88271
 Ion Ratio Lower Upper
 252 100
 254 70.1 59.4 89.0
 126 3.5 5.5 8.3#



#32
 Chrysene
 Concen: 7.48 ng
 RT: 21.27 min Scan# 1197
 Delta R.T. -0.03 min
 Lab File: BM004481.D
 Acq: 29 Feb 2016 21:11

Tgt Ion:228 Resp: 151933
 Ion Ratio Lower Upper
 228 100
 226 31.2 21.4 32.2
 229 18.0 17.1 25.7





#33

Bis(2-ethylhexyl)phthalate

Concen: 10.43 ng

RT: 21.14 min Scan# 1191

Delta R.T. -0.03 min

Lab File: BM004481.D

Acq: 29 Feb 2016 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

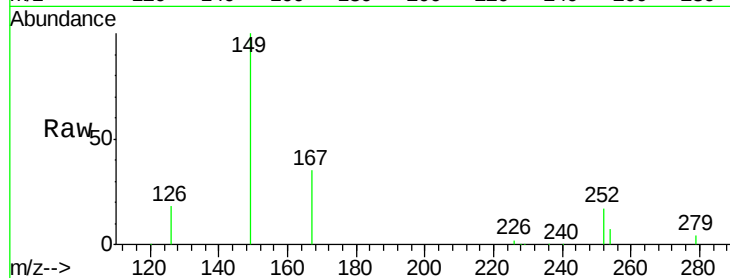
Tgt Ion:149 Resp: 96278

Ion Ratio Lower Upper

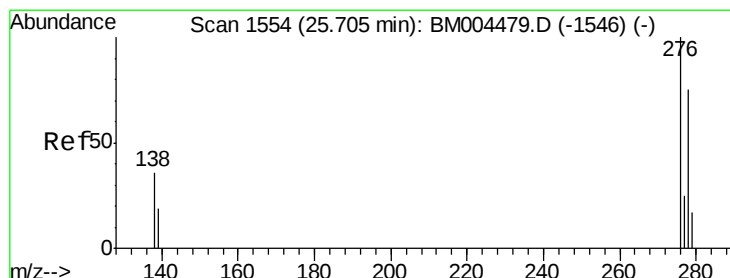
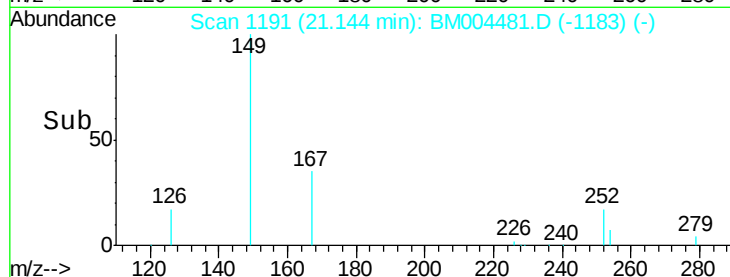
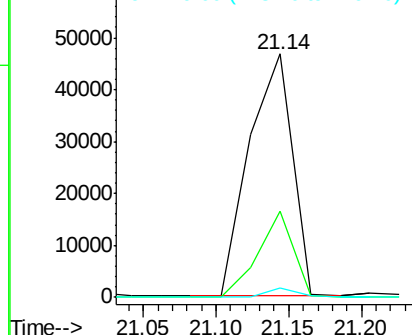
149 100

167 28.7 21.2 31.8

279 2.8 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: 6.57 ng

RT: 25.68 min Scan# 1552

Delta R.T. -0.06 min

Lab File: BM004481.D

Acq: 29 Feb 2016 21:11

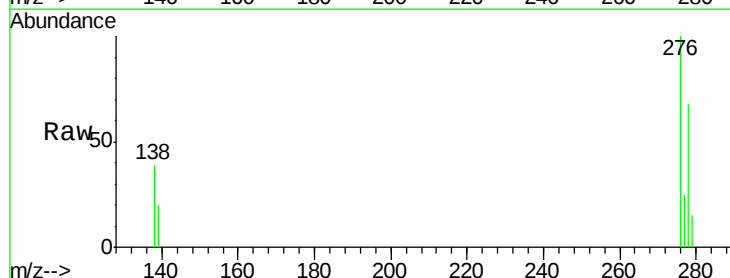
Tgt Ion:276 Resp: 139744

Ion Ratio Lower Upper

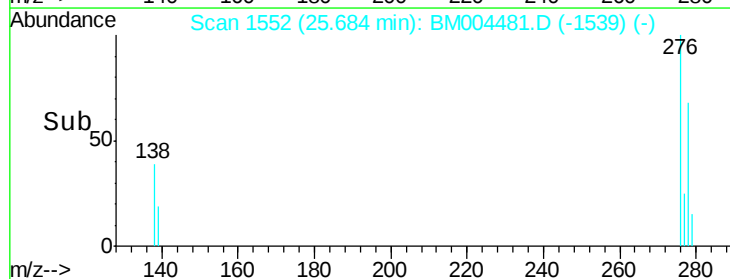
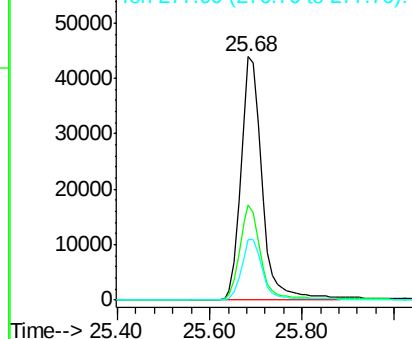
276 100

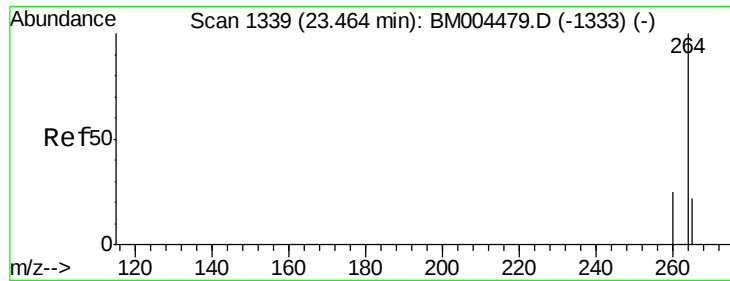
138 38.6 30.4 45.6

277 25.0 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

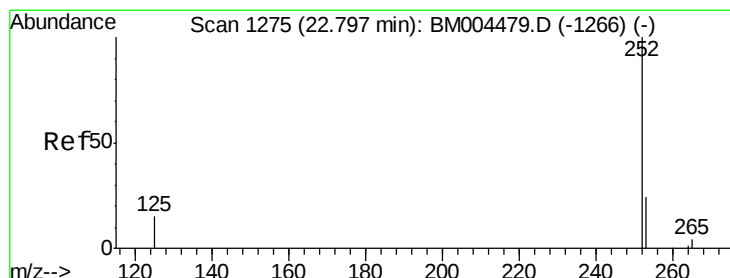
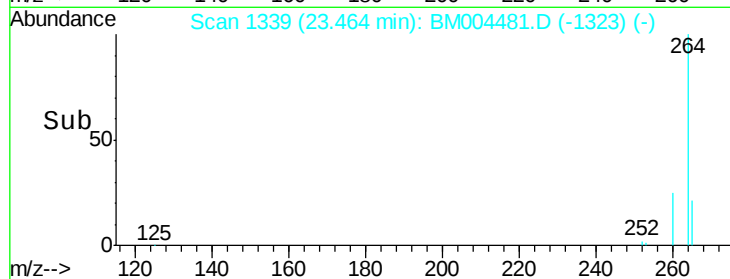
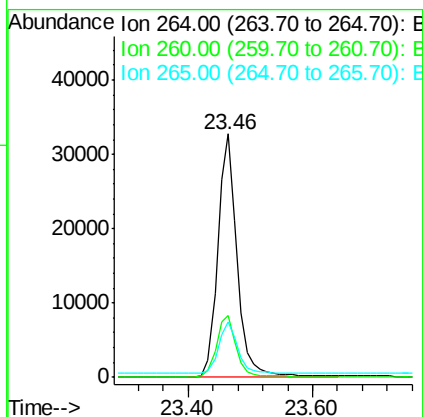
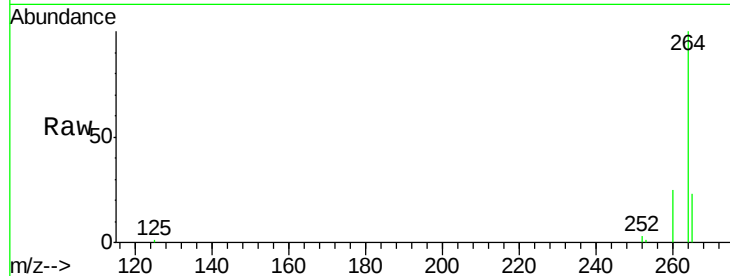




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.46 min Scan# 1339
 Delta R.T. -0.03 min
 Lab File: BM004481.D
 Acq: 29 Feb 2016 21:11

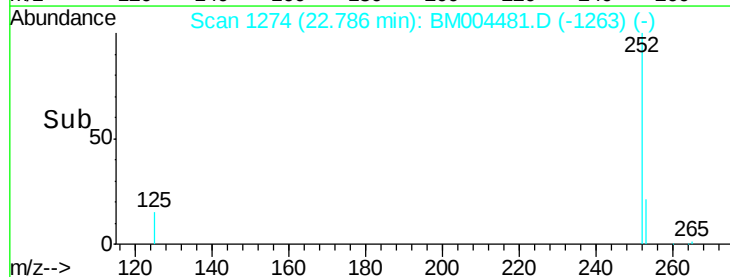
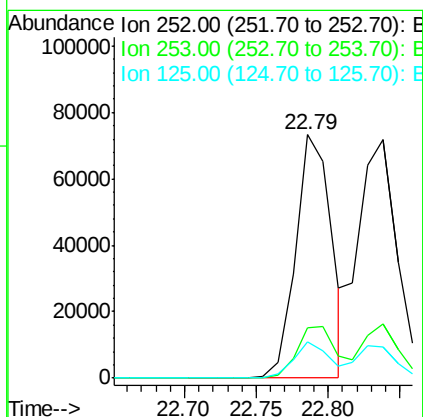
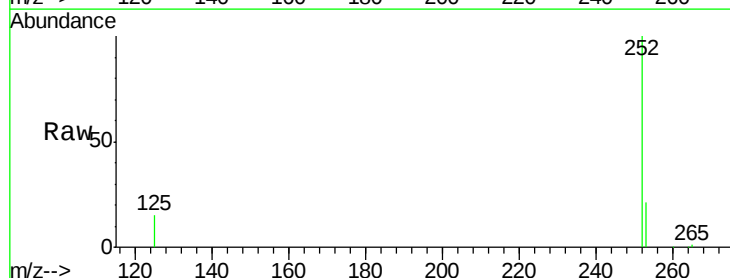
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

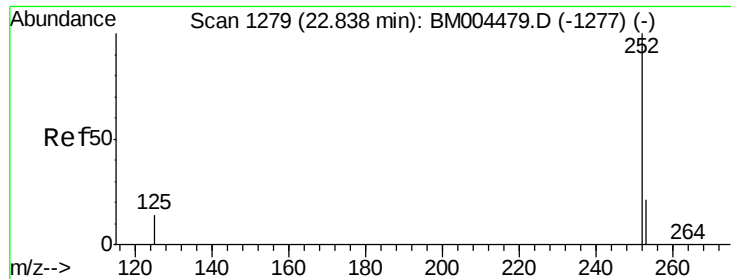
Tgt Ion: 264 Resp: 69880
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.8 29.6
 265 23.0 18.9 28.3



#36
 Benzo(b)fluoranthene
 Concen: 6.34 ng
 RT: 22.79 min Scan# 1274
 Delta R.T. -0.04 min
 Lab File: BM004481.D
 Acq: 29 Feb 2016 21:11

Tgt Ion: 252 Resp: 139099
 Ion Ratio Lower Upper
 252 100
 253 20.8 18.8 28.2
 125 14.8 11.8 17.8

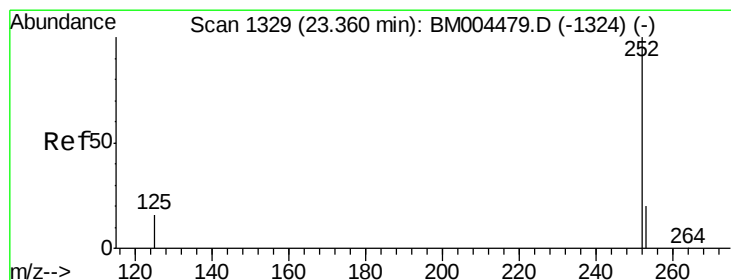
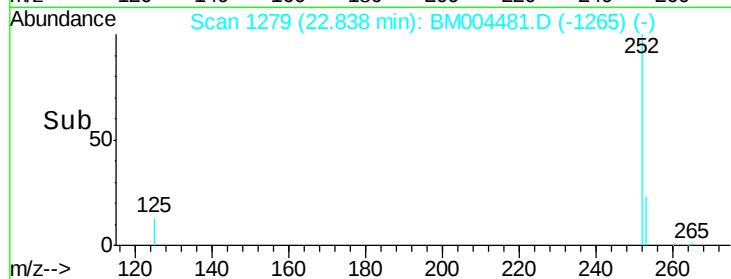
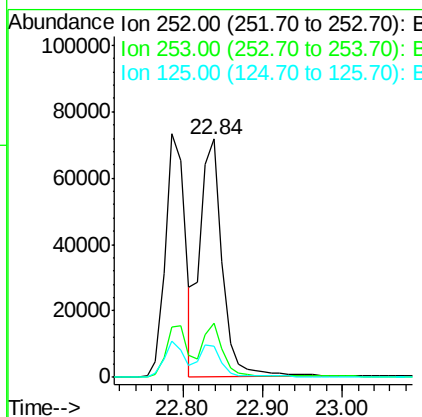
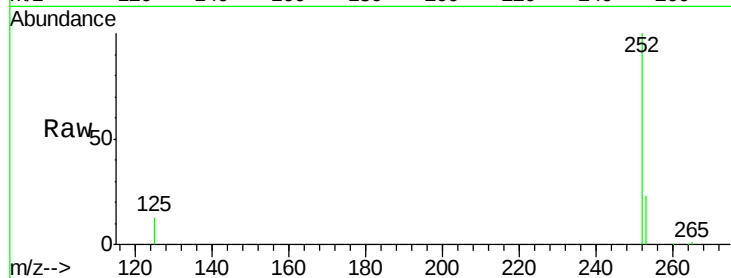




#37
Benzo(k)fluoranthene
Concen: 6.90 ng
RT: 22.84 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BM004481.D
Acq: 29 Feb 2016 21:11

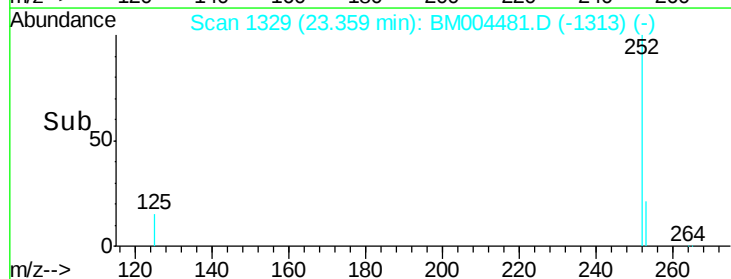
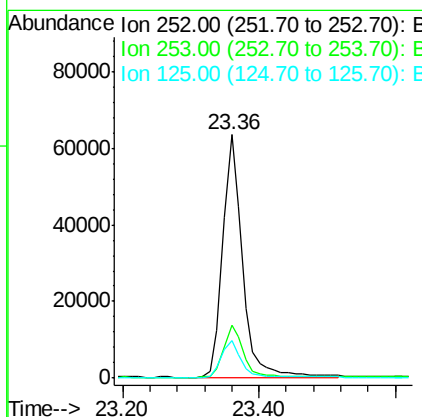
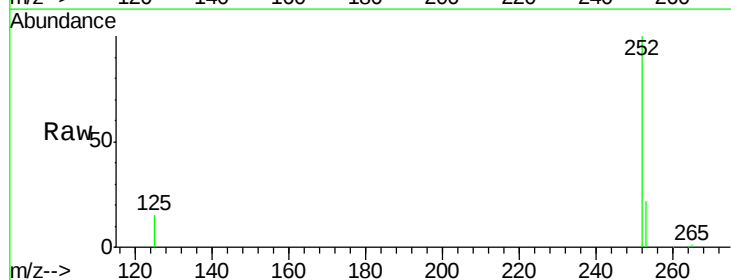
Instrument :
BNA_M
ClientSampleId :
SSTDIC005

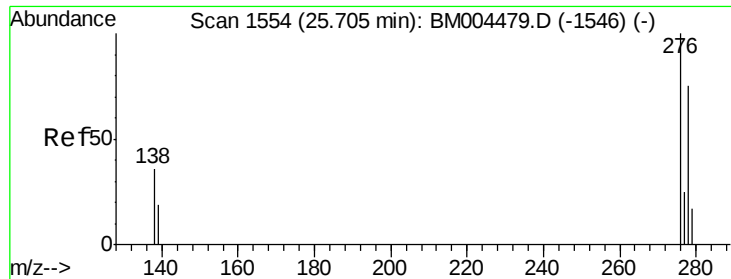
Tgt Ion: 252 Resp: 137464
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 13.2 12.2 18.4



#38
Benzo(a)pyrene
Concen: 6.52 ng
RT: 23.36 min Scan# 1329
Delta R.T. -0.03 min
Lab File: BM004481.D
Acq: 29 Feb 2016 21:11

Tgt Ion: 252 Resp: 126160
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 15.4 14.3 21.5





#39

Dibenzo(a,h)anthracene

Concen: 6.46 ng

RT: 25.69 min Scan# 1553

Delta R.T. -0.06 min

Lab File: BM004481.D

Acq: 29 Feb 2016 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

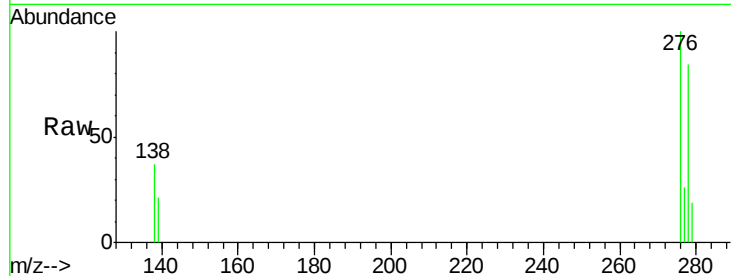
Tgt Ion:278 Resp: 112040

Ion Ratio Lower Upper

278 100

139 25.2 21.2 31.8

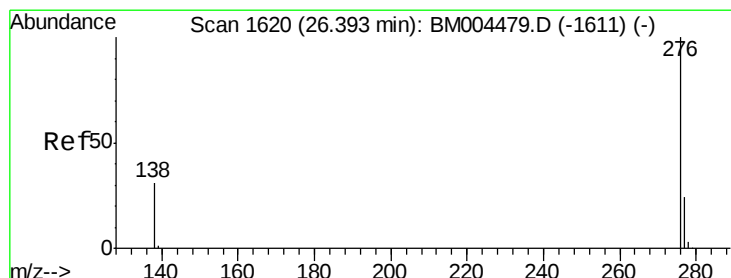
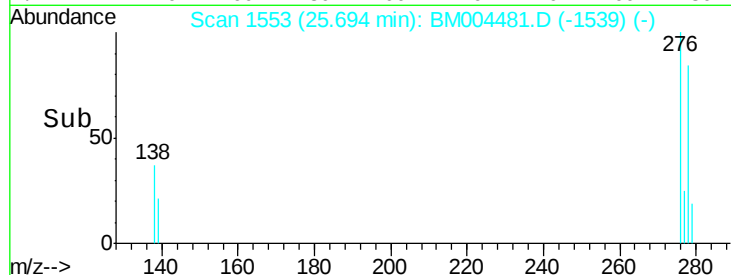
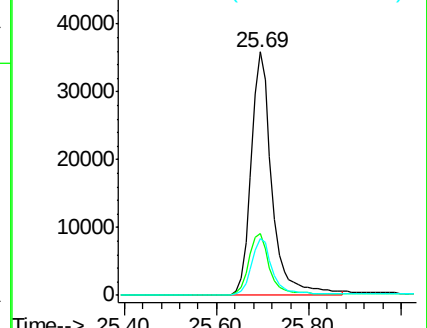
279 23.2 19.6 29.4



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: 6.27 ng

RT: 26.37 min Scan# 1618

Delta R.T. -0.06 min

Lab File: BM004481.D

Acq: 29 Feb 2016 21:11

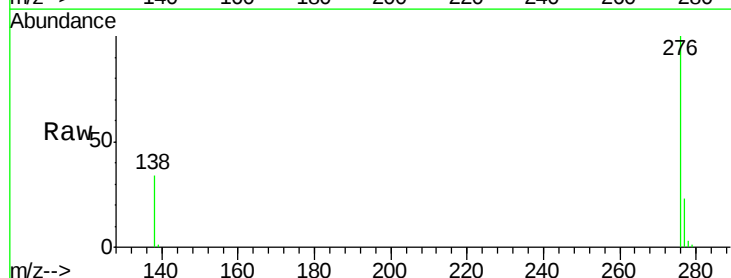
Tgt Ion:276 Resp: 118768

Ion Ratio Lower Upper

276 100

277 23.3 19.6 29.4

138 33.7 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

