

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040915\
 Data File : BM000931.D
 Acq On : 09 Apr 2015 20:47
 Operator : TP/IZ
 Sample : SSTDICCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC001

Quant Time: Apr 10 06:08:23 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM040915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 05:53:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	39197	5.00	ng	0.00
8) Naphthalene-d8	10.38	136	149015	5.00	ng	0.00
17) Acenaphthene-d10	14.25	164	63813	5.00	ng	0.00
24) Phenanthrene-d10	16.99	188	147490	5.00	ng	0.00
30) Chrysene-d12	21.20	240	133532	5.00	ng	0.00
38) Perylene-d12	23.38	264	121474	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	8297	0.39	ng	0.00
5) Phenol-d6	6.78	99	9686	0.39	ng	0.00
9) Nitrobenzene-d5	8.76	82	6835	0.38	ng	0.00
18) 2,4,6-Tribromophenol	15.75	330	2812	0.39	ng	0.00
19) 2-Fluorobiphenyl	12.88	172	20859	0.39	ng	0.00
33) Terphenyl-d14	19.64	244	15897	0.40	ng	0.00

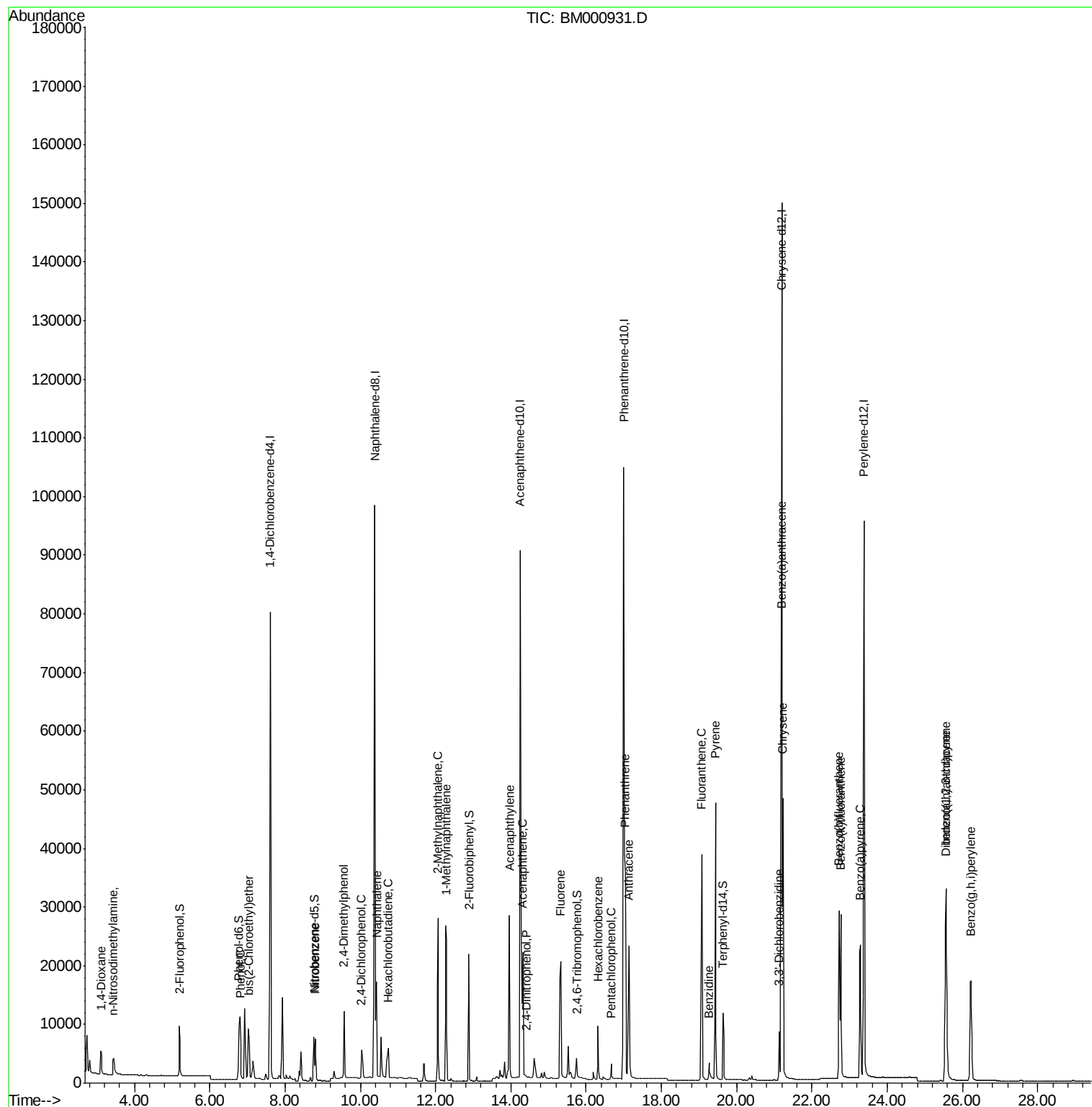
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.12	88	3774	0.44	ng	100
3) n-Nitrosodimethylamine	3.43	42	3730	0.30	ng	100
6) Phenol	6.82	94	9931	0.40	ng	100
7) bis(2-Chloroethyl)ether	7.04	93	8886	0.41	ng	100
10) Nitrobenzene	8.80	77	8116	0.38	ng	100
11) 2,4-Dimethylphenol	9.56	122	7923	0.40	ng	100
12) 2,4-Dichlorophenol	10.03	162	6781	0.36	ng	100
13) Naphthalene	10.44	128	29321	0.39	ng	100
14) Hexachlorobutadiene	10.74	225	5314	0.37	ng	100
15) 2-Methylnaphthalene	12.06	142	20054	0.39	ng	100
16) 1-Methylnaphthalene	12.29	142	20141	0.40	ng	100
20) Acenaphthylene	13.96	152	34477	0.40	ng	100
21) Acenaphthene	14.32	154	18927	0.39	ng	100
22) 2,4-Dinitrophenol	14.40	184	523	0.40	ng	100
23) Fluorene	15.32	166	21470	0.39	ng	100
25) Hexachlorobenzene	16.32	284	8387	0.38	ng	100
26) Pentachlorophenol	16.67	266	2269	0.35	ng	100
27) Phenanthrene	17.04	178	40364	0.40	ng	100
28) Anthracene	17.14	178	33784	0.39	ng	100
29) Fluoranthene	19.07	202	41240	0.40	ng	100
31) Benzidine	19.26	184	6600	0.42	ng	100
32) Pyrene	19.43	202	43917	0.39	ng	100
34) Benzo(a)anthracene	21.18	228	37372	0.40	ng	100
35) 3,3'-Dichlorobenzidine	21.12	252	9420	0.41	ng	100
36) Chrysene	21.23	228	39758	0.40	ng	100
37) Indeno(1,2,3-cd)pyrene	25.56	276	39845	0.40	ng	100
39) Benzo(b)fluoranthene	22.72	252	36088	0.40	ng	100
40) Benzo(k)fluoranthene	22.76	252	37467	0.41	ng	100
41) Benzo(a)pyrene	23.28	252	32746	0.40	ng	100
42) Dibenzo(a,h)anthracene	25.57	278	30661	0.40	ng	100
43) Benzo(g,h,i)perylene	26.22	276	33980	0.40	ng	100

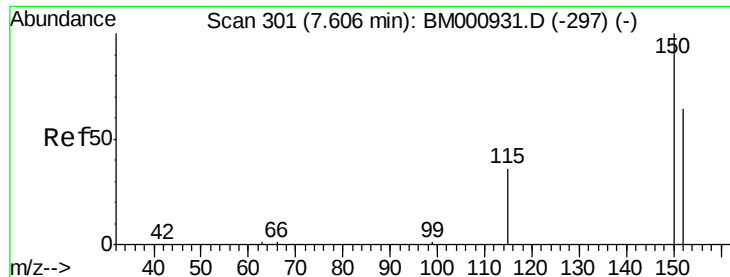
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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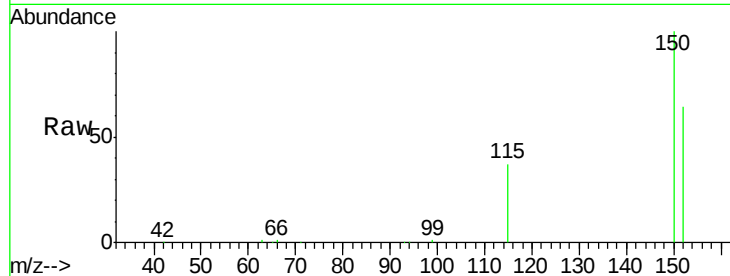


#1

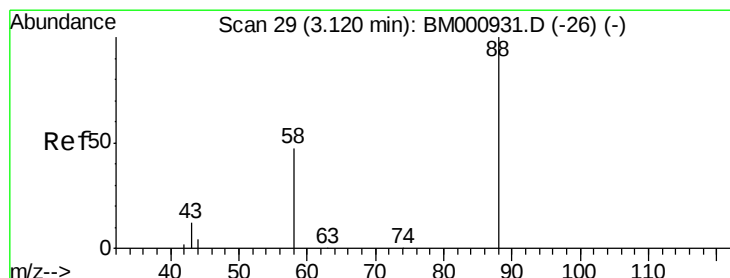
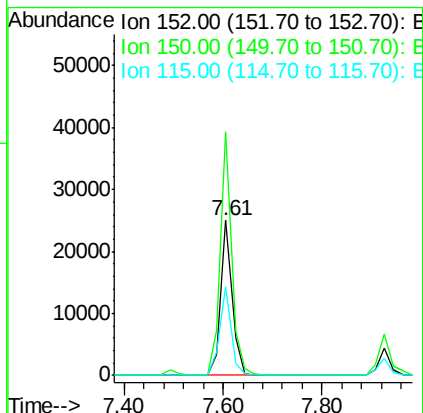
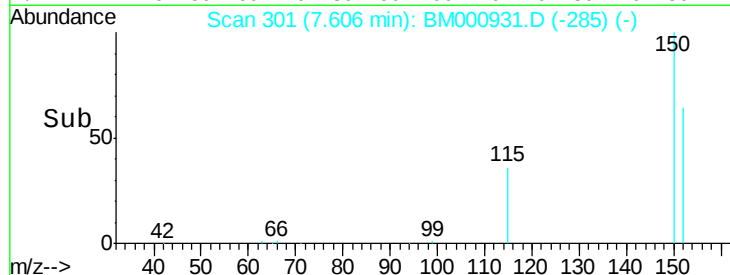
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 301
Delta R.T. 0.00 min
Lab File: BM000931.D
Acq: 09 Apr 2015 20:47

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion: 152 Resp: 39197
Ion Ratio Lower Upper
152 100
150 156.8 125.4 188.2
115 57.4 45.9 68.9



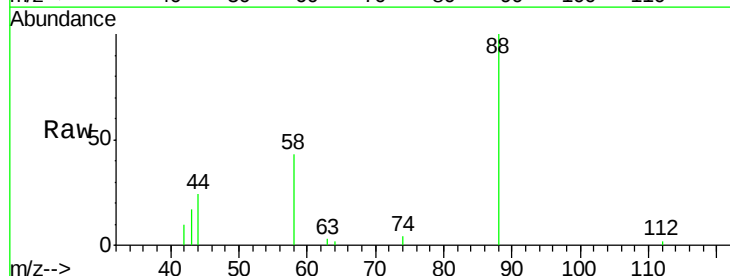
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



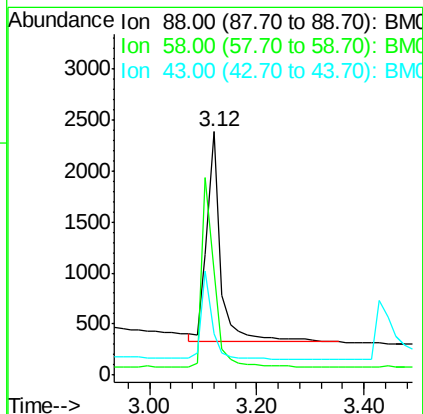
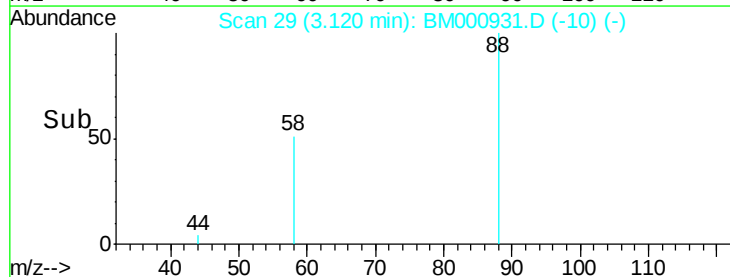
#2

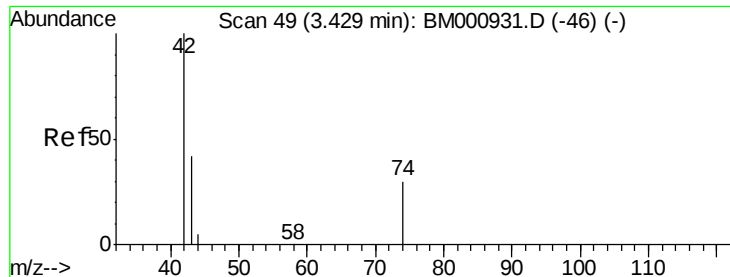
1,4-Dioxane
Concen: 0.44 ng
RT: 3.12 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM000931.D
Acq: 09 Apr 2015 20:47

Tgt Ion: 88 Resp: 3774
Ion Ratio Lower Upper
88 100
58 78.8 63.0 94.6
43 33.7 27.0 40.4



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

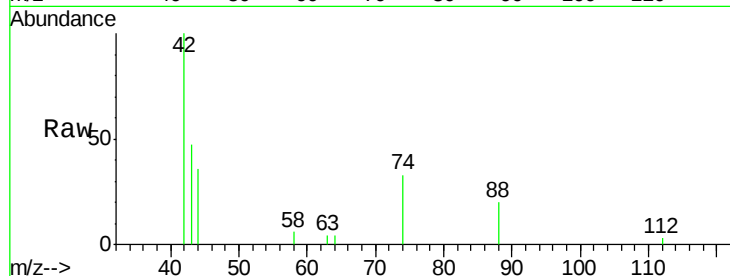




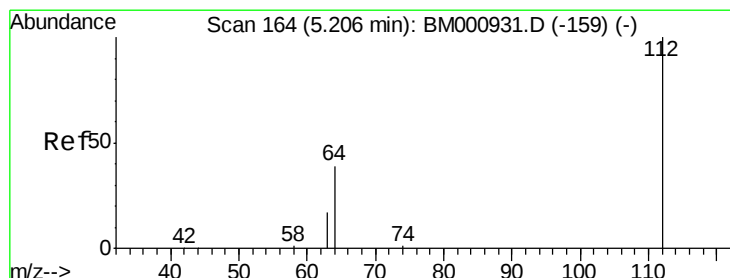
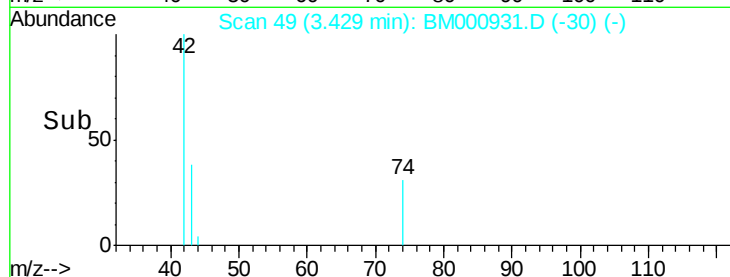
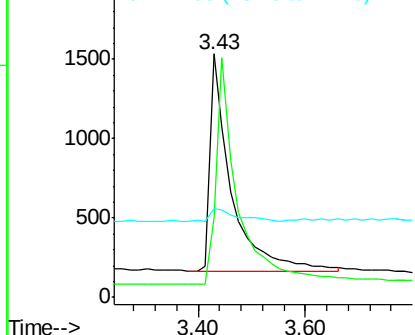
#3
n-Nitrosodimethylamine
Concen: 0.30 ng
RT: 3.43 min Scan# 49
Delta R.T. 0.00 min
Lab File: BM000931.D
Acq: 09 Apr 2015 20:47

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion: 42 Resp: 3730
Ion Ratio Lower Upper
42 100
74 32.5 26.0 39.0
44 36.2 29.0 43.4

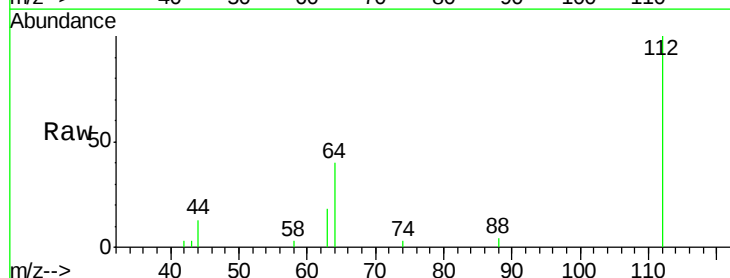


Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0

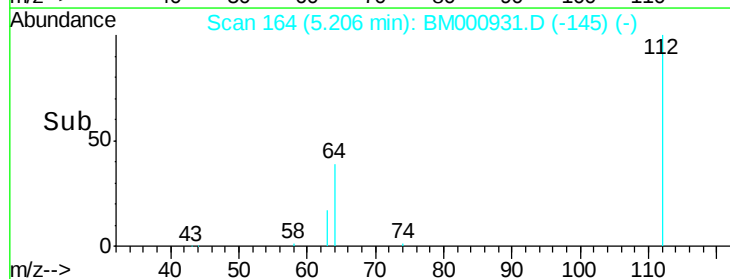
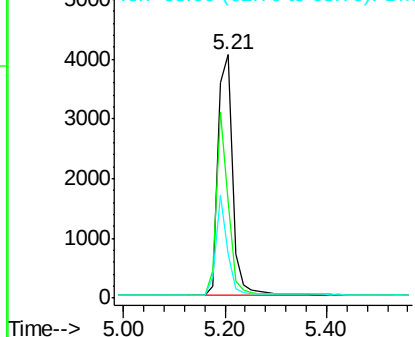


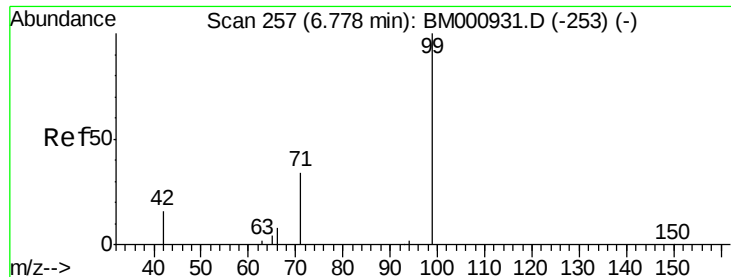
#4
2-Fluorophenol
Concen: 0.39 ng
RT: 5.21 min Scan# 164
Delta R.T. 0.00 min
Lab File: BM000931.D
Acq: 09 Apr 2015 20:47

Tgt Ion: 112 Resp: 8297
Ion Ratio Lower Upper
112 100
64 39.8 31.8 47.8
63 18.1 14.5 21.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 0.39 ng

RT: 6.78 min Scan# 257

Delta R.T. 0.00 min

Lab File: BM000931.D

Acq: 09 Apr 2015 20:47

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

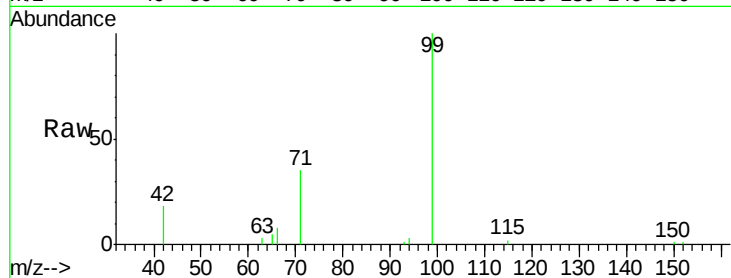
Tgt Ion: 99 Resp: 9686

Ion Ratio Lower Upper

99 100

42 17.6 14.1 21.1

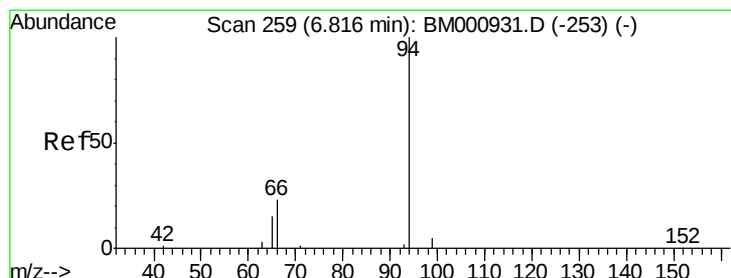
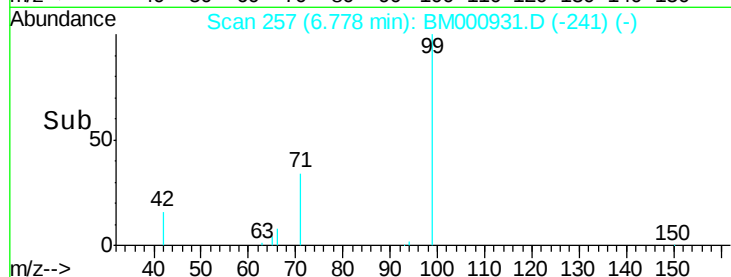
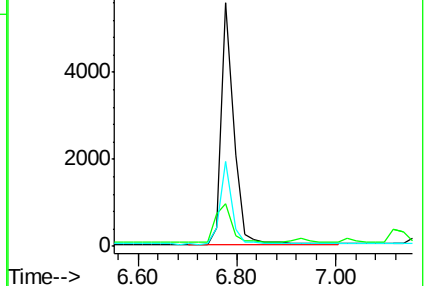
71 35.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM000931.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM000931.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM000931.D (-253) (-)



#6

Phenol

Concen: 0.40 ng

RT: 6.82 min Scan# 259

Delta R.T. 0.00 min

Lab File: BM000931.D

Acq: 09 Apr 2015 20:47

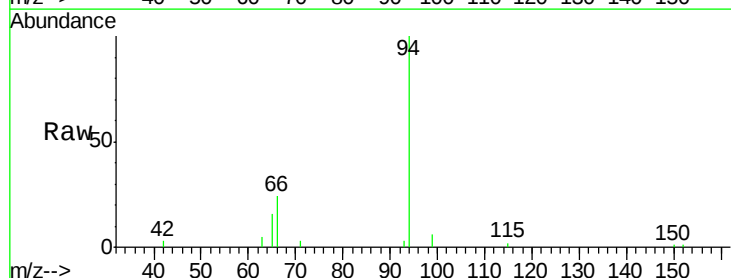
Tgt Ion: 94 Resp: 9931

Ion Ratio Lower Upper

94 100

65 16.0 0.0 36.0

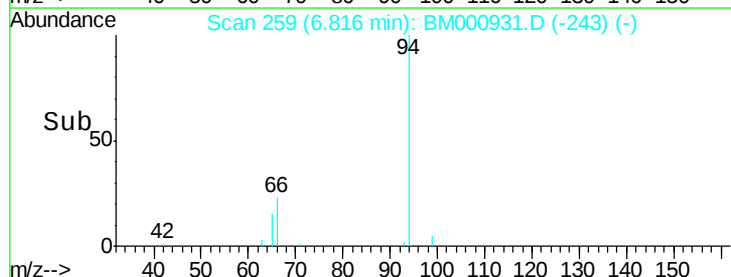
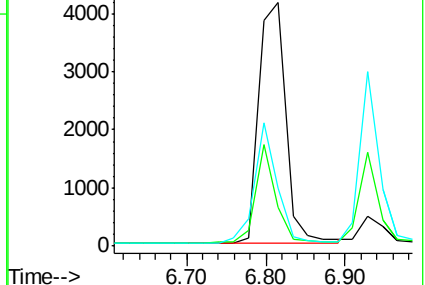
66 23.7 3.7 43.7

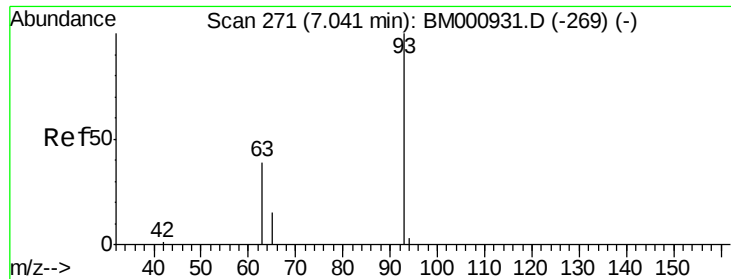


Abundance Ion 94.00 (93.70 to 94.70): BM000931.D (-253) (-)

Ion 65.00 (64.70 to 65.70): BM000931.D (-253) (-)

Ion 66.00 (65.70 to 66.70): BM000931.D (-253) (-)





#7

bis(2-Chloroethyl)ether

Concen: 0.41 ng

RT: 7.04 min Scan# 271

Delta R.T. 0.00 min

Lab File: BM000931.D

Acq: 09 Apr 2015 20:47

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

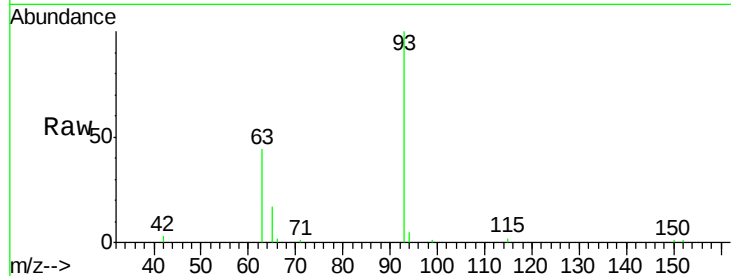
Tgt Ion: 93 Resp: 8886

Ion Ratio Lower Upper

93 100

63 44.0 24.0 64.0

95 0.0 0.0 20.0

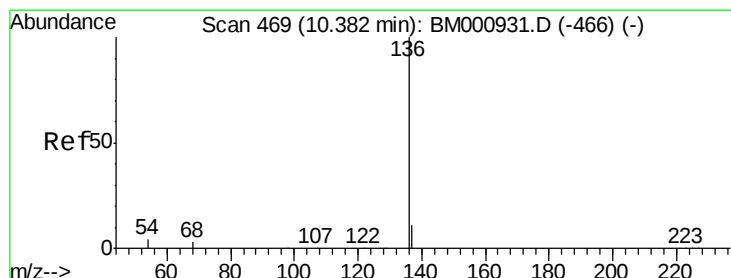
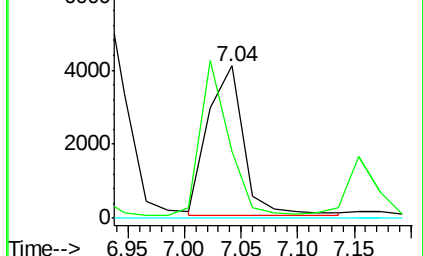
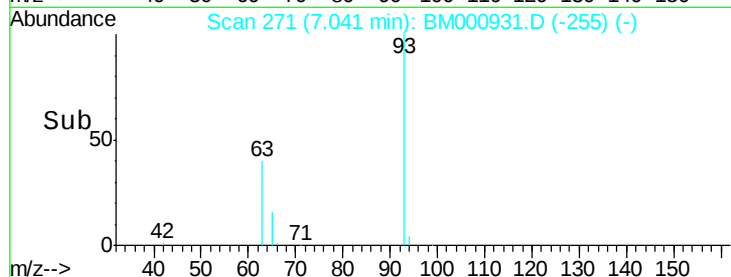


Abundance Ion 93.00 (92.70 to 93.70): BM000931.D (-269) (-)

Ion 63.00 (62.70 to 63.70): BM000931.D (-269) (-)

Ion 95.00 (94.70 to 95.70): BM000931.D (-269) (-)

Time-->



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM000931.D

Acq: 09 Apr 2015 20:47

Tgt Ion: 136 Resp: 149015

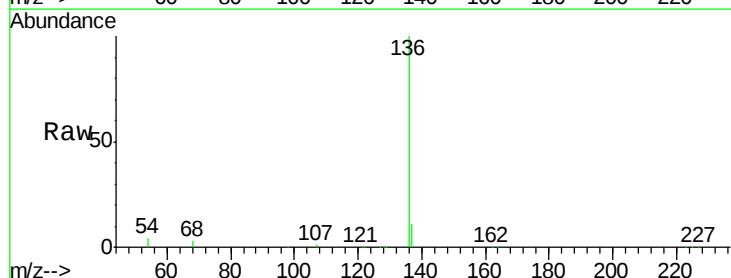
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 3.6 2.9 4.3

68 2.7 2.2 3.2



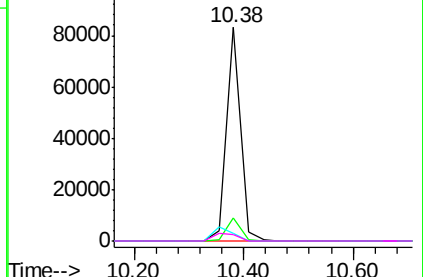
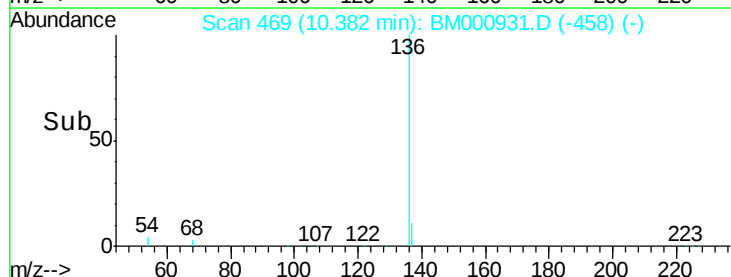
Abundance Ion 136.00 (135.70 to 136.70): BM000931.D (-466) (-)

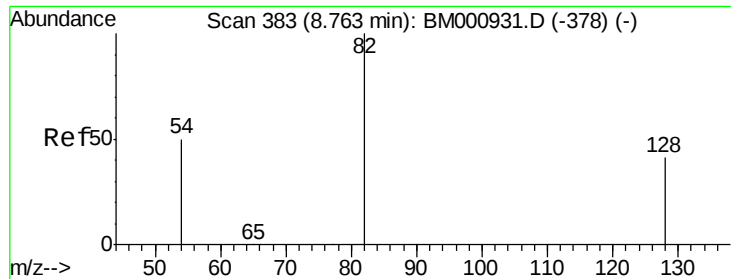
Ion 137.00 (136.70 to 137.70): BM000931.D (-466) (-)

Ion 54.00 (53.70 to 54.70): BM000931.D (-466) (-)

Ion 68.00 (67.70 to 68.70): BM000931.D (-466) (-)

Time-->





#9

Nitrobenzene-d5

Concen: 0.38 ng

RT: 8.76 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM000931.D

Acq: 09 Apr 2015 20:47

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

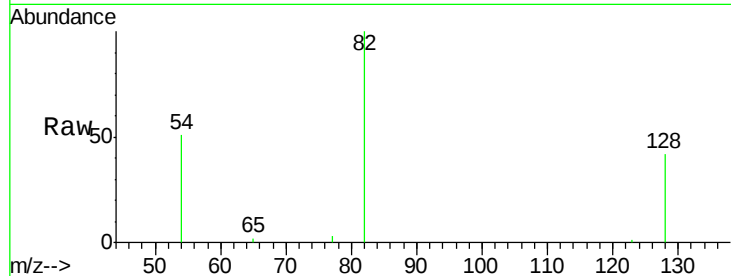
Tgt Ion: 82 Resp: 6835

Ion Ratio Lower Upper

82 100

128 41.7 33.4 50.0

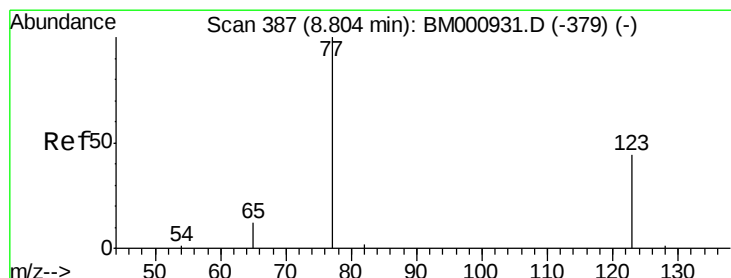
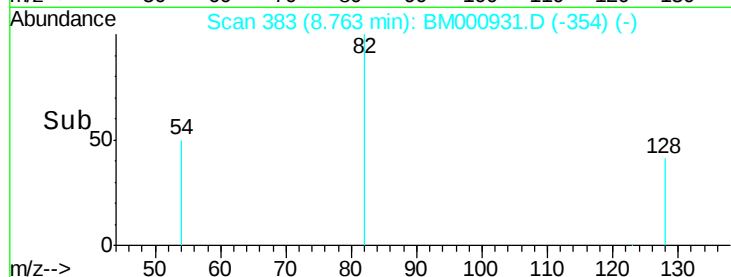
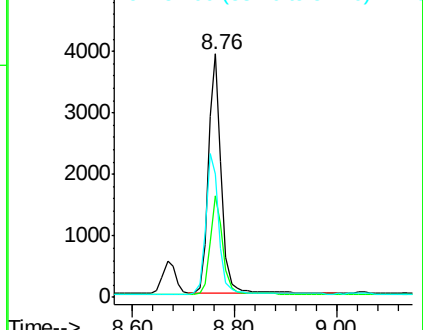
54 50.6 40.5 60.7



Abundance Ion 82.00 (81.70 to 82.70): BM000931.D (-378) (-)

Ion 128.00 (127.70 to 128.70): BM000931.D (-378) (-)

Ion 54.00 (53.70 to 54.70): BM000931.D (-378) (-)



#10

Nitrobenzene

Concen: 0.38 ng

RT: 8.80 min Scan# 387

Delta R.T. 0.00 min

Lab File: BM000931.D

Acq: 09 Apr 2015 20:47

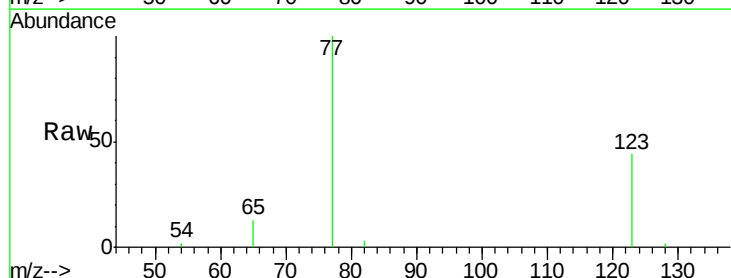
Tgt Ion: 77 Resp: 8116

Ion Ratio Lower Upper

77 100

123 43.8 35.0 52.6

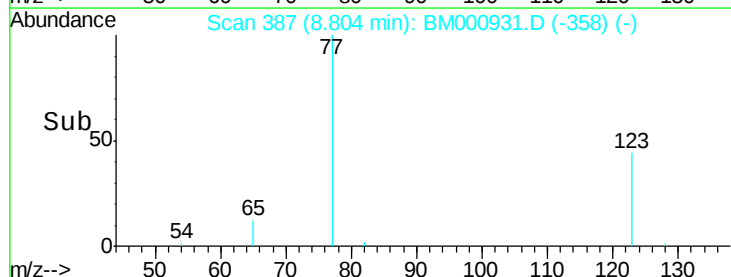
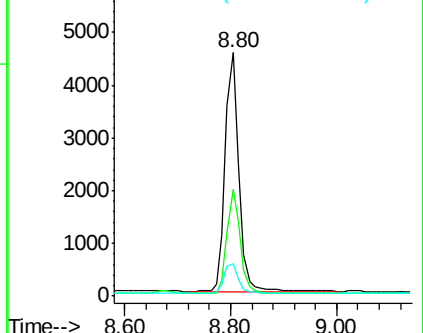
65 13.4 10.7 16.1

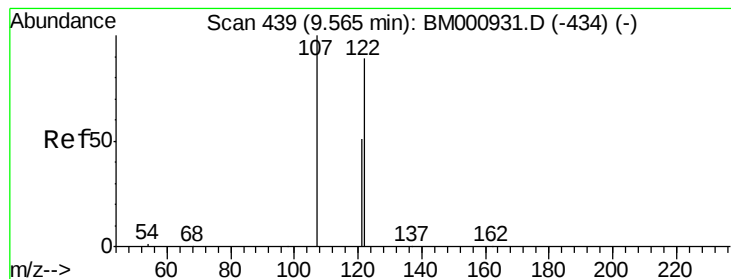


Abundance Ion 77.00 (76.70 to 77.70): BM000931.D (-379) (-)

Ion 123.00 (122.70 to 123.70): BM000931.D (-379) (-)

Ion 65.00 (64.70 to 65.70): BM000931.D (-379) (-)





#11

2,4-Dimethylphenol

Concen: 0.40 ng

RT: 9.56 min Scan# 439

Delta R.T. 0.00 min

Lab File: BM000931.D

Acq: 09 Apr 2015 20:47

Instrument :

BNA_M

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SSTDICCC001

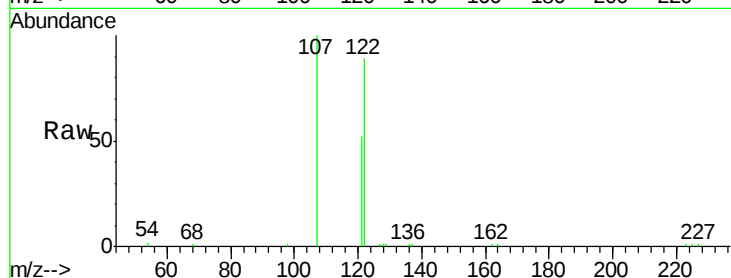
Tgt Ion:122 Resp: 7923

Ion Ratio Lower Upper

122 100

107 112.2 89.8 134.6

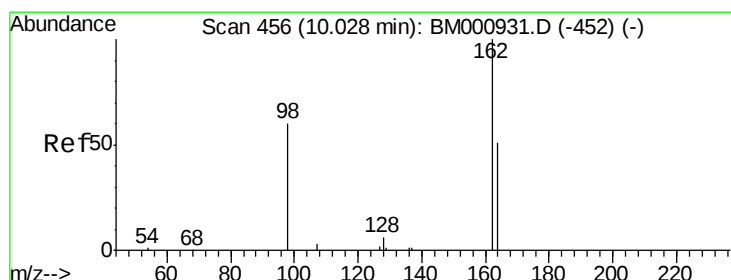
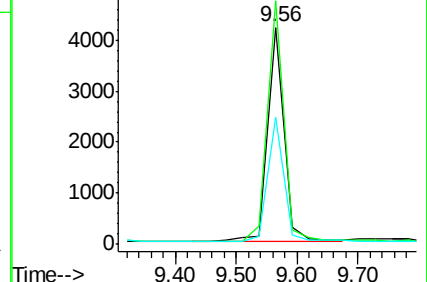
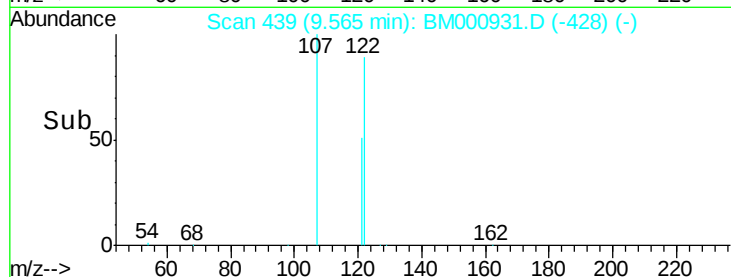
121 58.3 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#12

2,4-Dichlorophenol

Concen: 0.36 ng

RT: 10.03 min Scan# 456

Delta R.T. 0.00 min

Lab File: BM000931.D

Acq: 09 Apr 2015 20:47

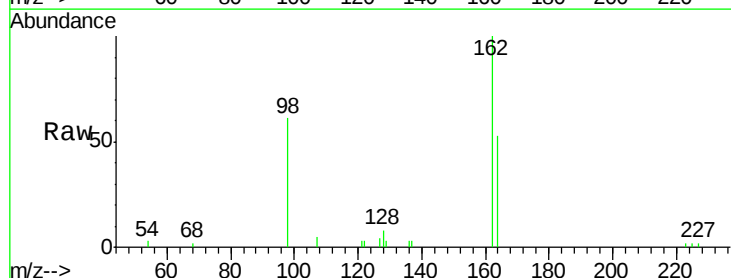
Tgt Ion:162 Resp: 6781

Ion Ratio Lower Upper

162 100

164 52.5 32.5 72.5

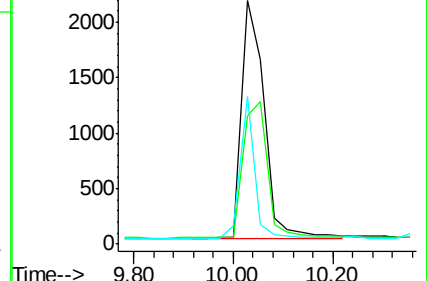
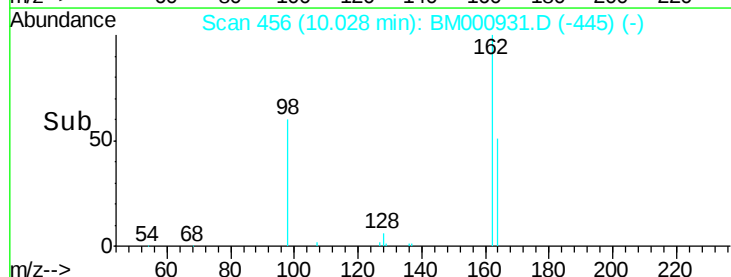
98 60.5 40.5 80.5

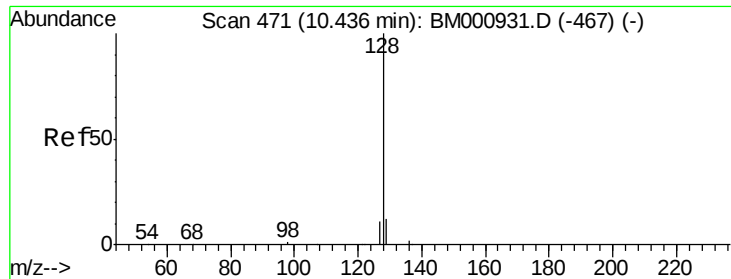


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM

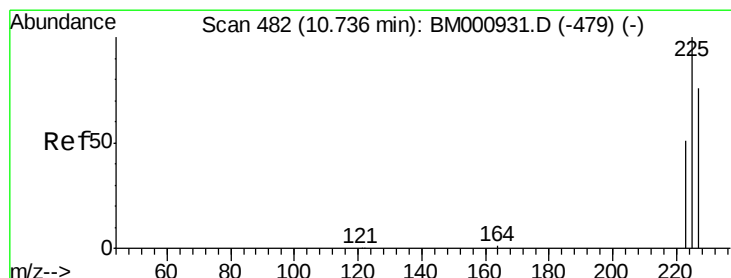
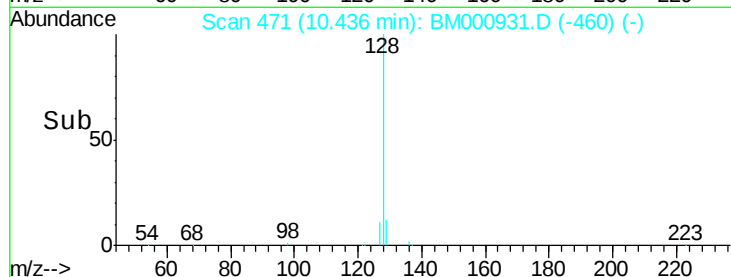
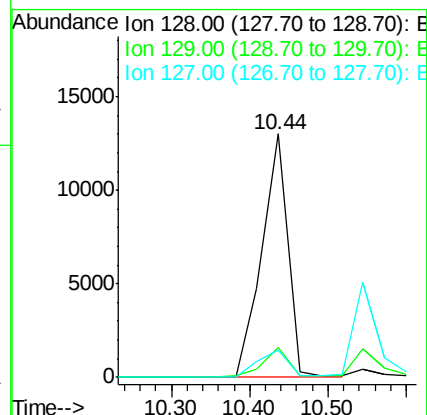
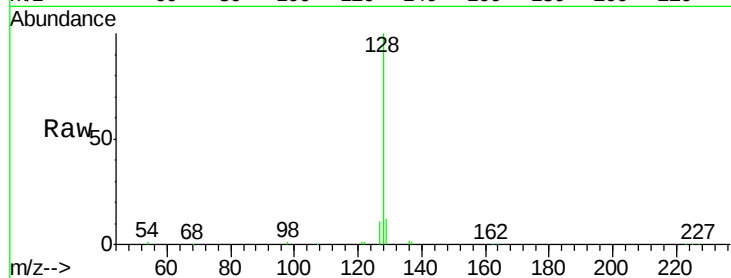




#13
Naphthalene
Concen: 0.39 ng
RT: 10.44 min Scan# 471
Delta R.T. 0.00 min
Lab File: BM000931.D
Acq: 09 Apr 2015 20:47

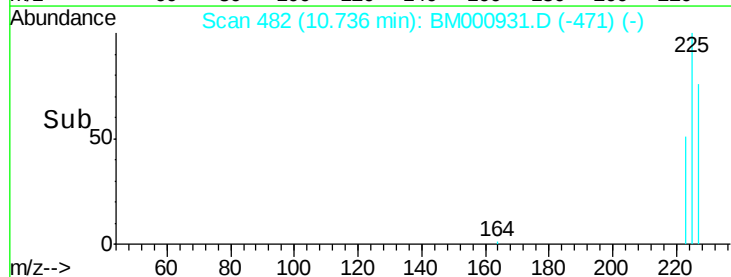
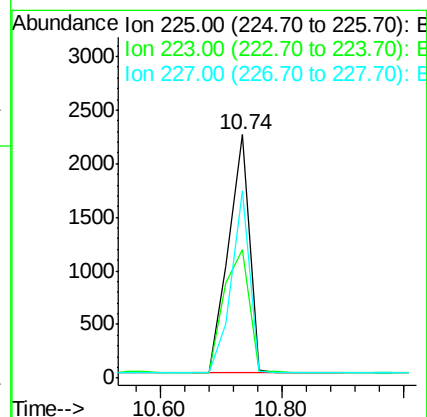
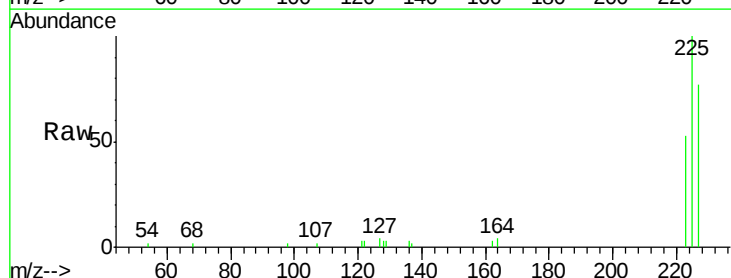
Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

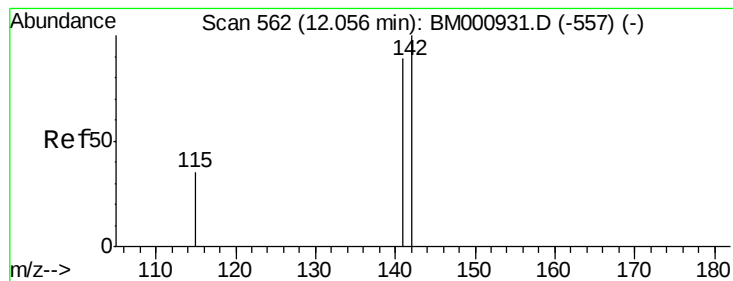
Tgt Ion:128 Resp: 29321
Ion Ratio Lower Upper
128 100
129 12.2 9.8 14.6
127 11.4 9.1 13.7



#14
Hexachlorobutadiene
Concen: 0.37 ng
RT: 10.74 min Scan# 482
Delta R.T. 0.00 min
Lab File: BM000931.D
Acq: 09 Apr 2015 20:47

Tgt Ion:225 Resp: 5314
Ion Ratio Lower Upper
225 100
223 52.7 42.2 63.2
227 76.8 61.4 92.2





#15

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.06 min Scan# 562

Delta R.T. 0.00 min

Lab File: BM000931.D

Acq: 09 Apr 2015 20:47

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

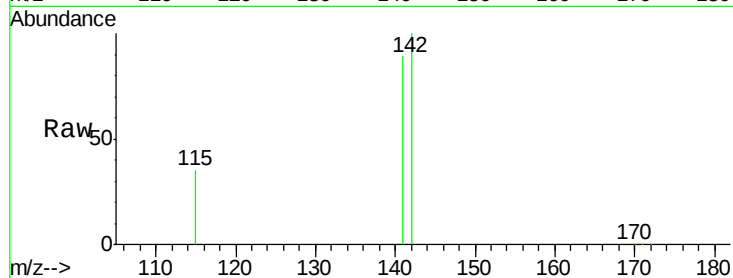
Tgt Ion:142 Resp: 20054

Ion Ratio Lower Upper

142 100

141 89.0 71.2 106.8

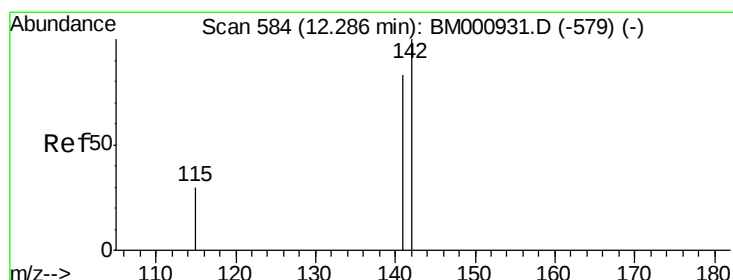
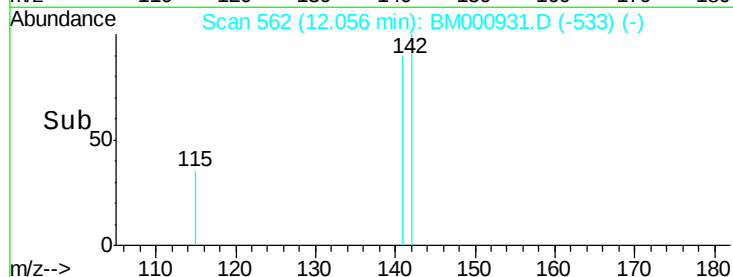
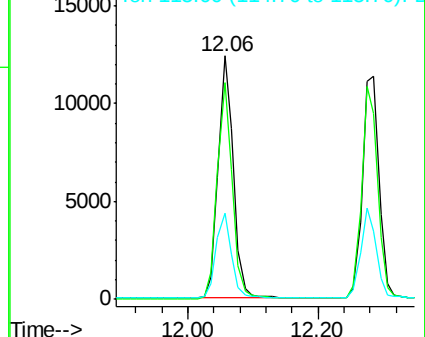
115 35.4 28.3 42.5



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



#16

1-Methylnaphthalene

Concen: 0.40 ng

RT: 12.29 min Scan# 584

Delta R.T. 0.00 min

Lab File: BM000931.D

Acq: 09 Apr 2015 20:47

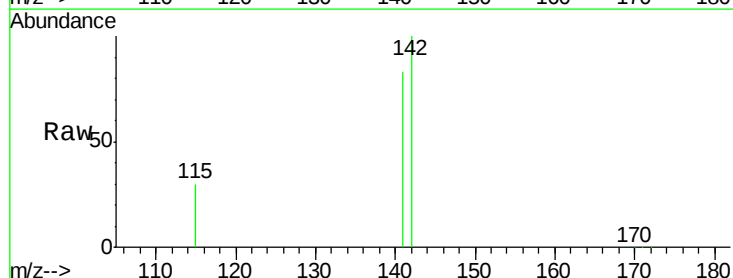
Tgt Ion:142 Resp: 20141

Ion Ratio Lower Upper

142 100

141 83.4 66.7 100.1

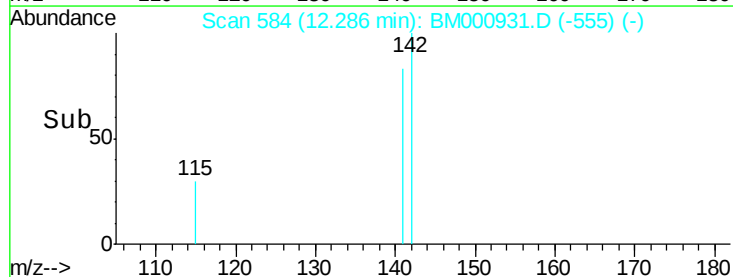
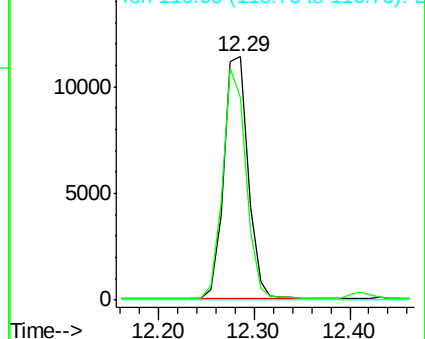
116 0.0 0.0 0.0

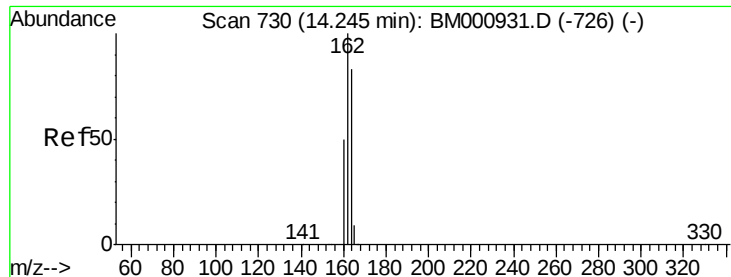


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#17

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.25 min Scan# 730

Delta R.T. 0.00 min

Lab File: BM000931.D

Acq: 09 Apr 2015 20:47

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

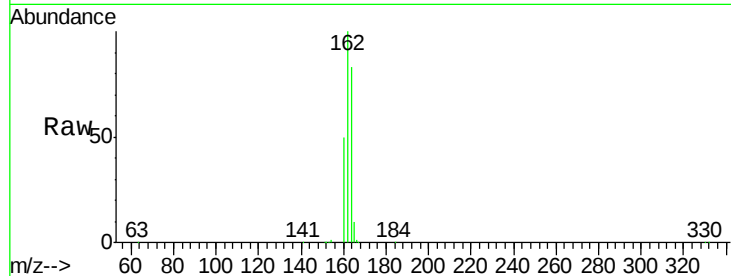
Tgt Ion:164 Resp: 63813

Ion Ratio Lower Upper

164 100

162 120.1 96.1 144.1

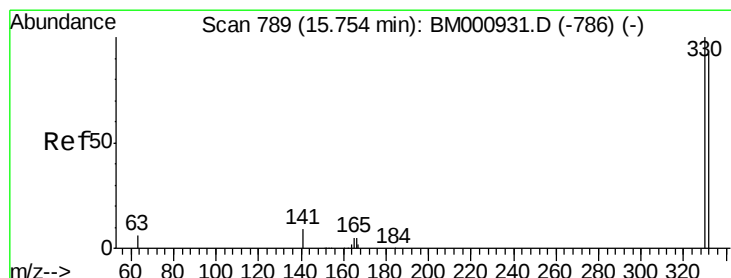
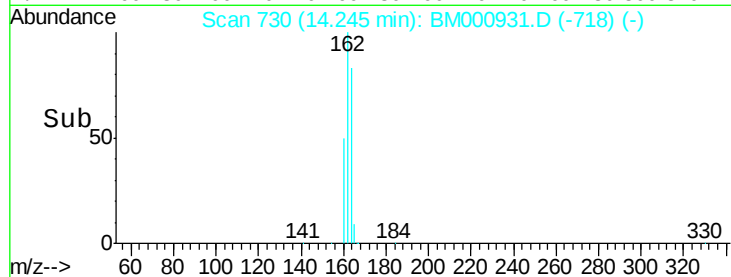
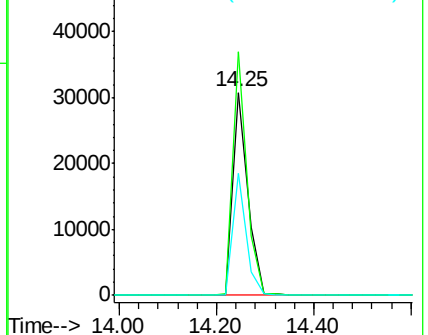
160 60.2 48.2 72.2



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



#18

2,4,6-Tribromophenol

Concen: 0.39 ng

RT: 15.75 min Scan# 789

Delta R.T. 0.00 min

Lab File: BM000931.D

Acq: 09 Apr 2015 20:47

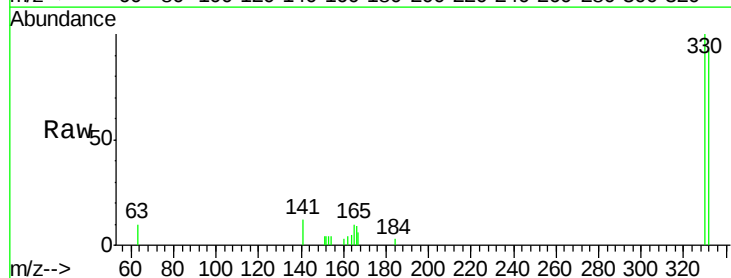
Tgt Ion:330 Resp: 2812

Ion Ratio Lower Upper

330 100

332 94.3 75.4 113.2

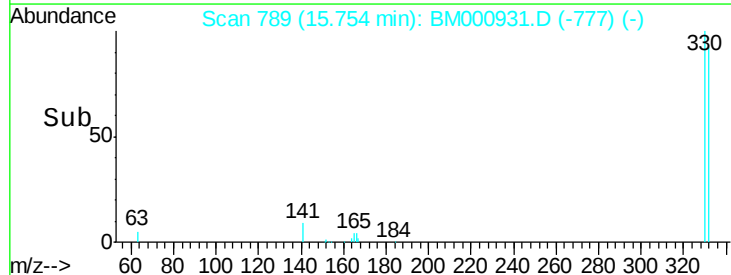
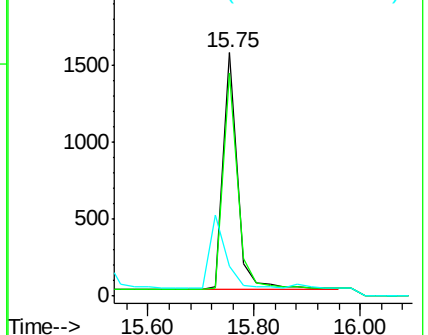
141 0.0 0.0 0.0

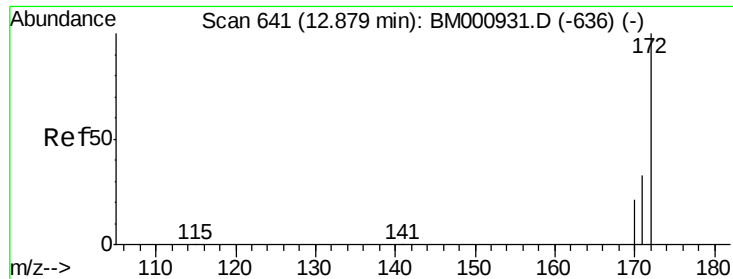


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

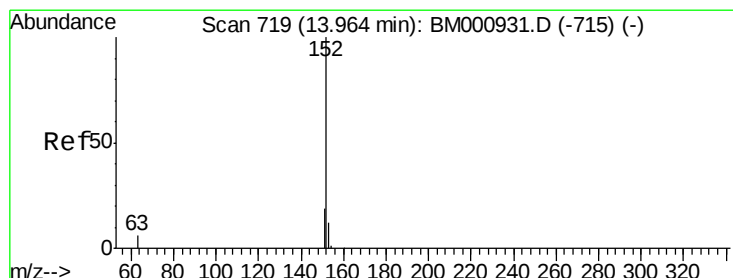
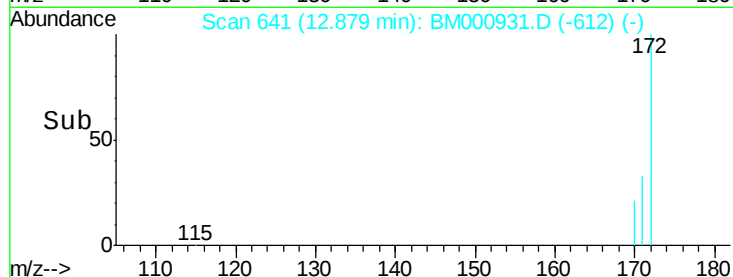
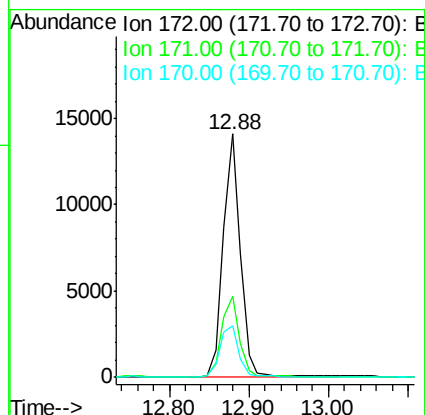
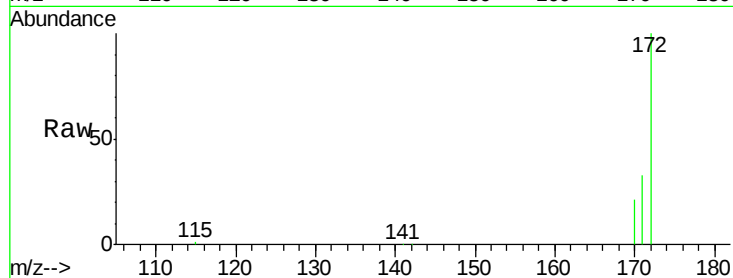




#19
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.88 min Scan# 641
Delta R.T. 0.00 min
Lab File: BM000931.D
Acq: 09 Apr 2015 20:47

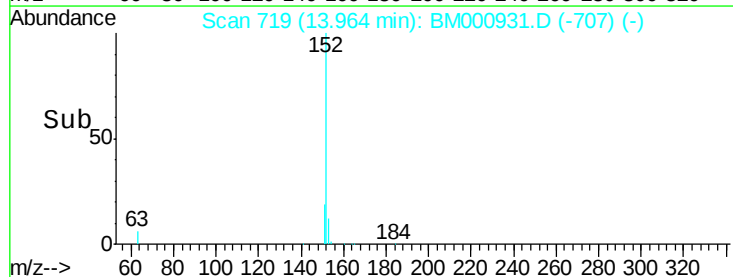
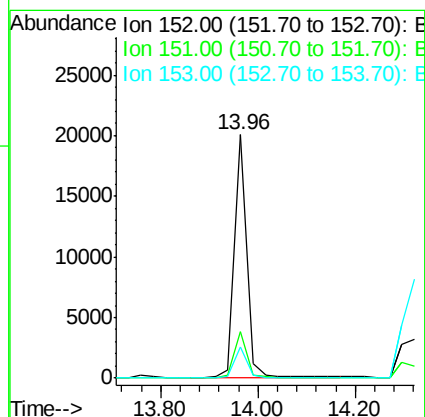
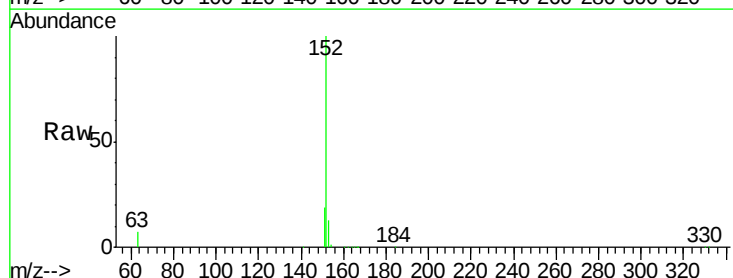
Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

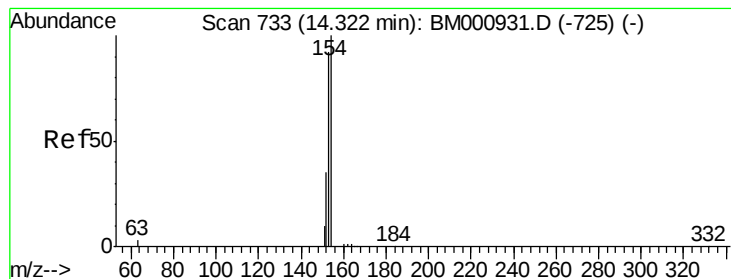
Tgt Ion:172 Resp: 20859
Ion Ratio Lower Upper
172 100
171 33.4 26.7 40.1
170 21.2 17.0 25.4



#20
Acenaphthylene
Concen: 0.40 ng
RT: 13.96 min Scan# 719
Delta R.T. 0.00 min
Lab File: BM000931.D
Acq: 09 Apr 2015 20:47

Tgt Ion:152 Resp: 34477
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.0
153 12.7 10.2 15.2





#21

Acenaphthene

Concen: 0.39 ng

RT: 14.32 min Scan# 733

Delta R.T. 0.00 min

Lab File: BM000931.D

Acq: 09 Apr 2015 20:47

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

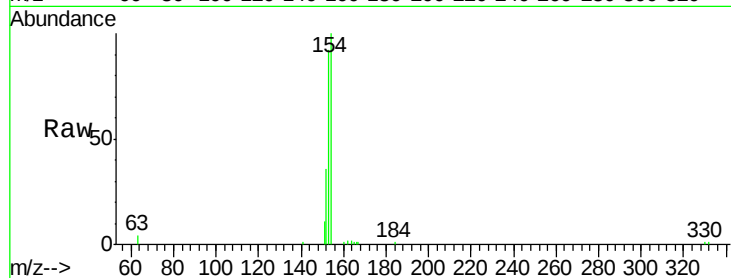
Tgt Ion:154 Resp: 18927

Ion Ratio Lower Upper

154 100

153 92.1 73.7 110.5

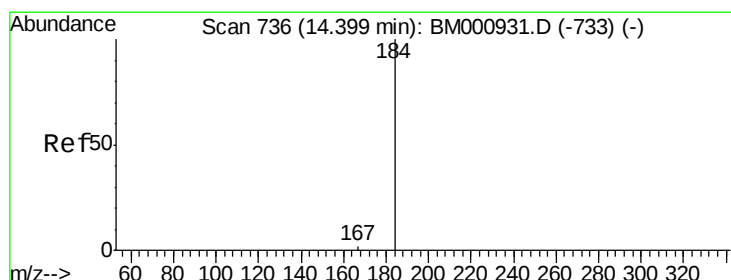
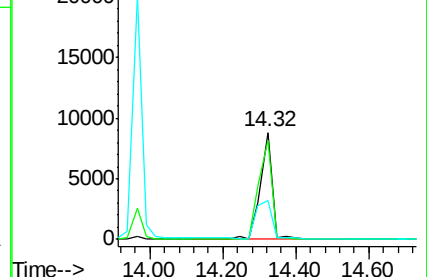
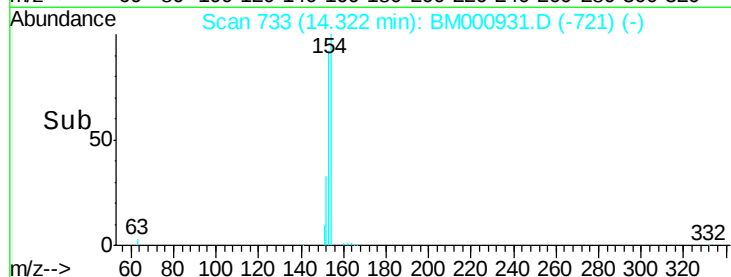
152 36.3 29.0 43.6



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



#22

2,4-Dinitrophenol

Concen: 0.40 ng

RT: 14.40 min Scan# 736

Delta R.T. 0.00 min

Lab File: BM000931.D

Acq: 09 Apr 2015 20:47

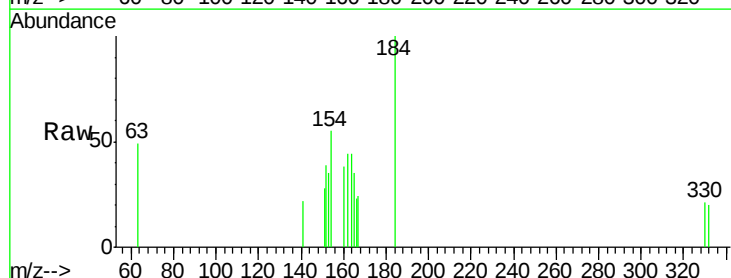
Tgt Ion:184 Resp: 523

Ion Ratio Lower Upper

184 100

63 48.7 39.0 58.4

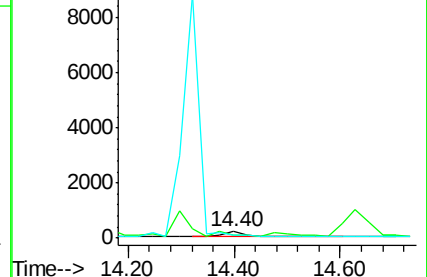
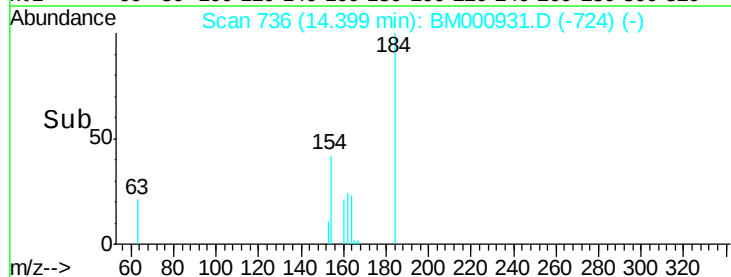
154 54.8 43.8 65.8

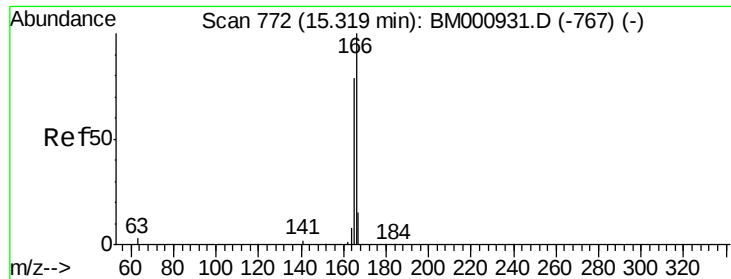


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

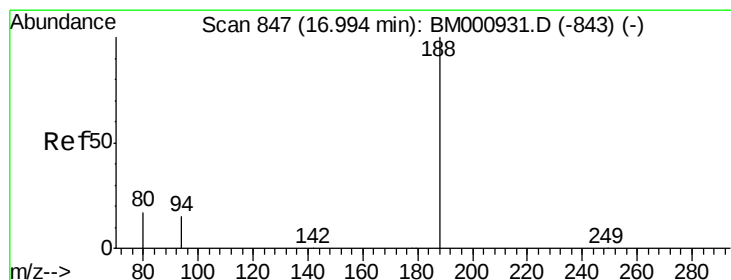
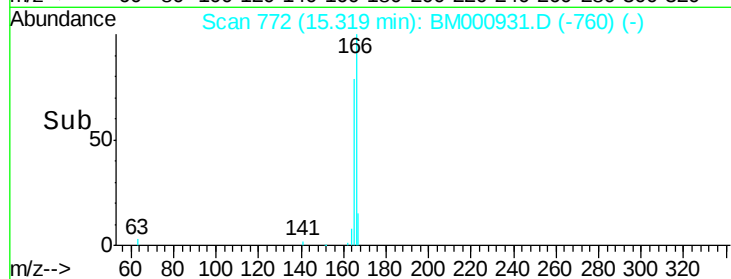
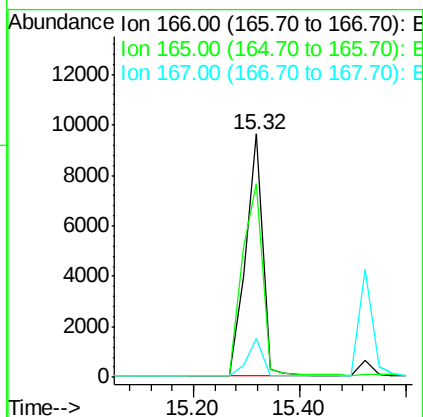
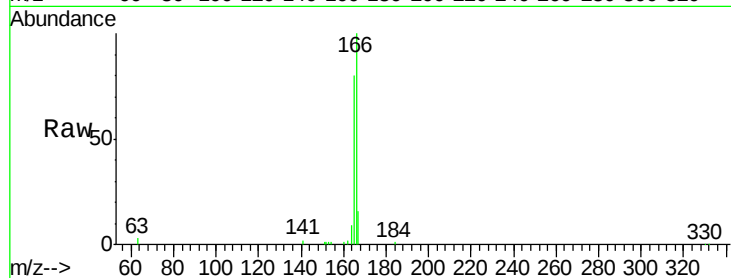




#23
 Fluorene
 Concen: 0.39 ng
 RT: 15.32 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BM000931.D
 Acq: 09 Apr 2015 20:47

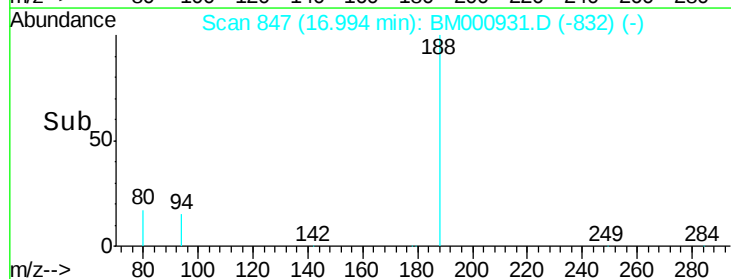
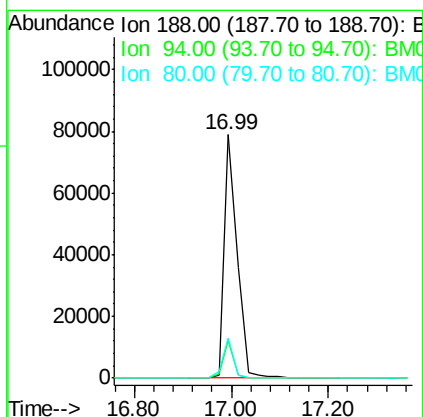
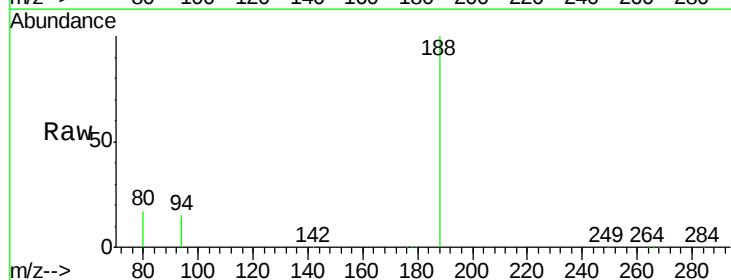
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

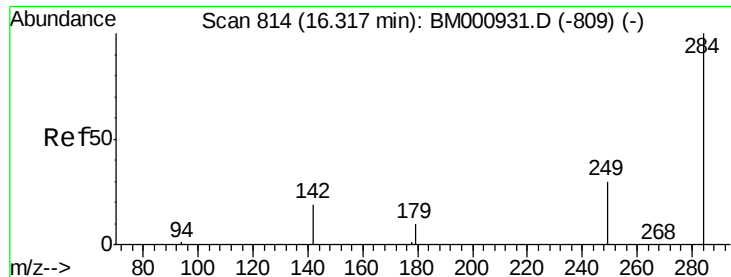
Tgt Ion:166 Resp: 21470
 Ion Ratio Lower Upper
 166 100
 165 79.6 63.7 95.5
 167 15.9 12.7 19.1



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.99 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BM000931.D
 Acq: 09 Apr 2015 20:47

Tgt Ion:188 Resp: 147490
 Ion Ratio Lower Upper
 188 100
 94 15.3 12.2 18.4
 80 16.7 13.4 20.0

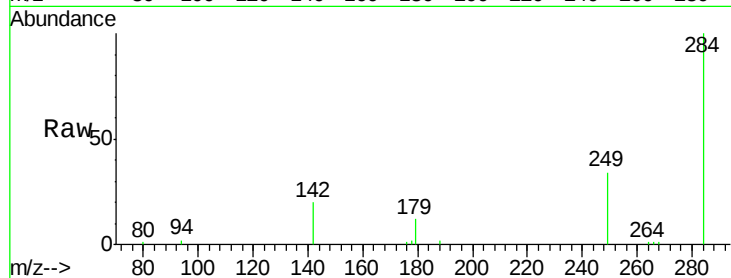




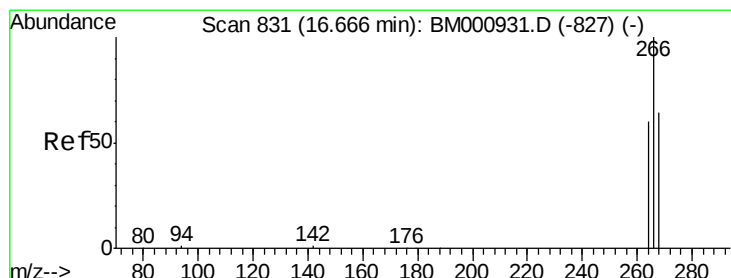
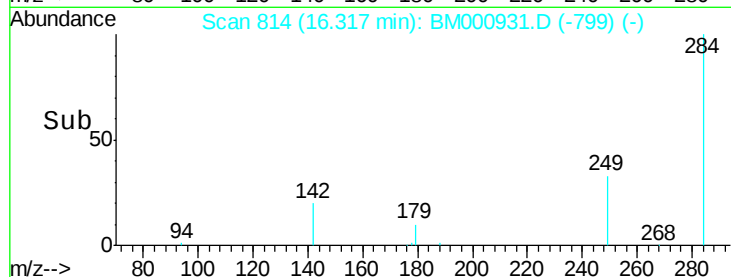
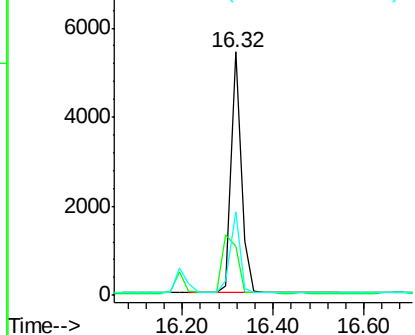
#25
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.32 min Scan# 814
Delta R.T. 0.00 min
Lab File: BM000931.D
Acq: 09 Apr 2015 20:47

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion: 284 Resp: 8387
Ion Ratio Lower Upper
284 100
142 20.2 16.2 24.2
249 34.3 27.4 41.2

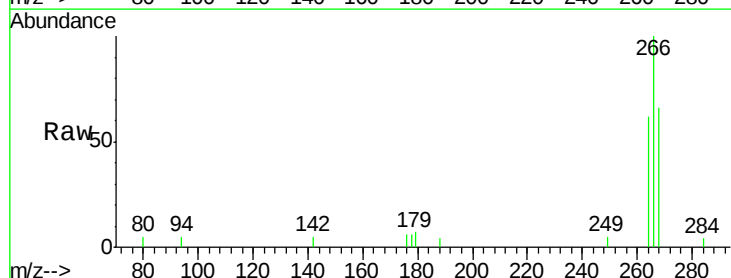


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

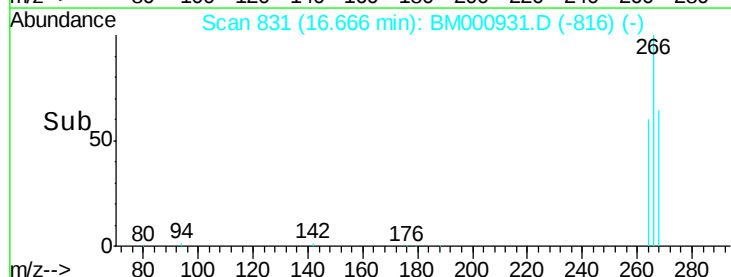
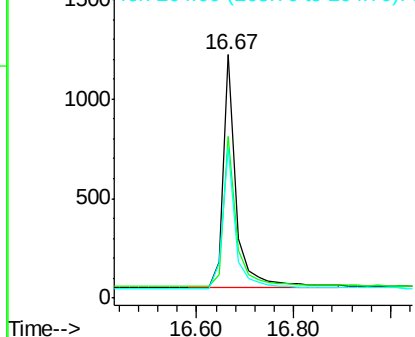


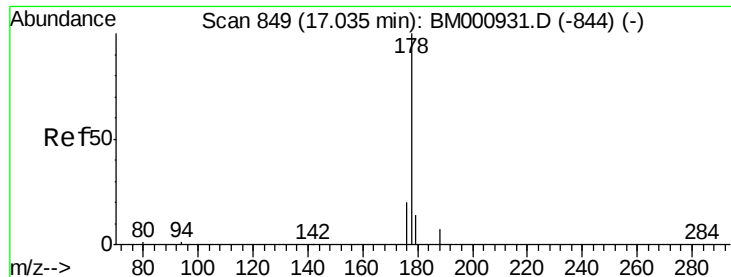
#26
Pentachlorophenol
Concen: 0.35 ng
RT: 16.67 min Scan# 831
Delta R.T. 0.00 min
Lab File: BM000931.D
Acq: 09 Apr 2015 20:47

Tgt Ion: 266 Resp: 2269
Ion Ratio Lower Upper
266 100
268 66.2 53.0 79.4
264 61.7 49.4 74.0



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

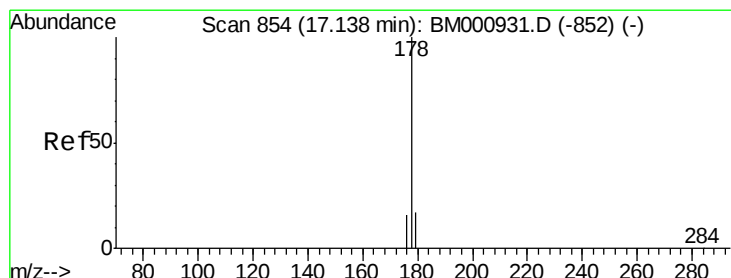
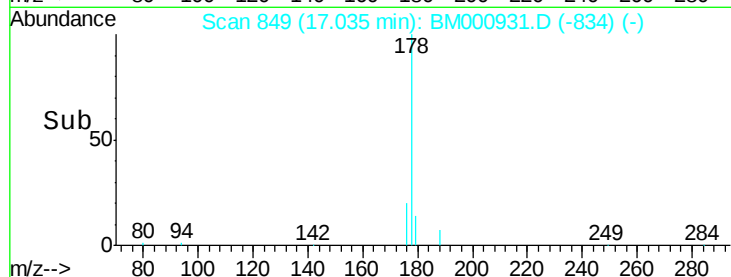
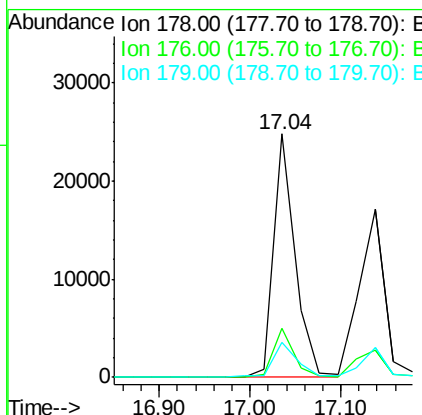
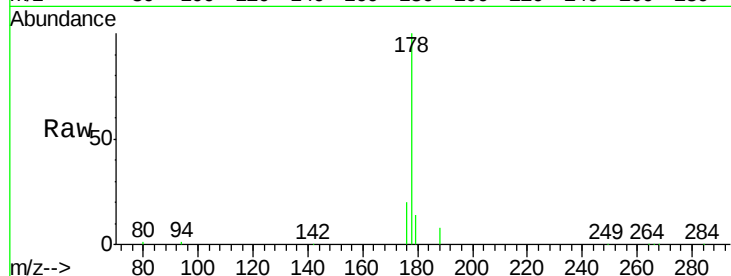




#27
 Phenanthrene
 Concen: 0.40 ng
 RT: 17.04 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BM000931.D
 Acq: 09 Apr 2015 20:47

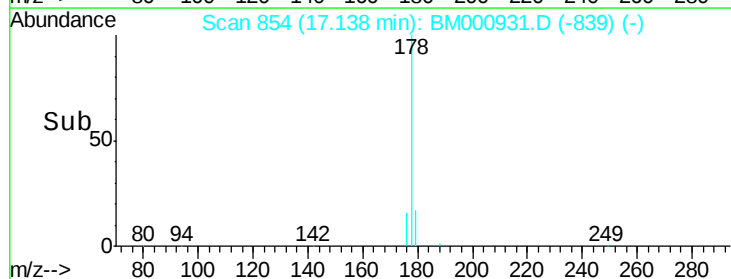
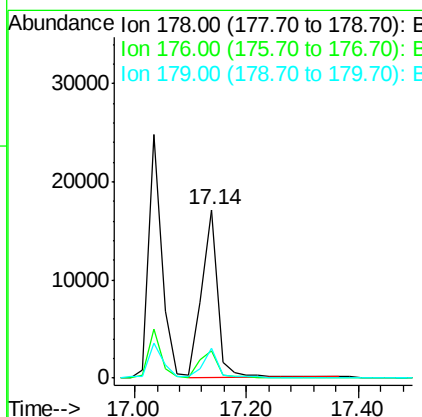
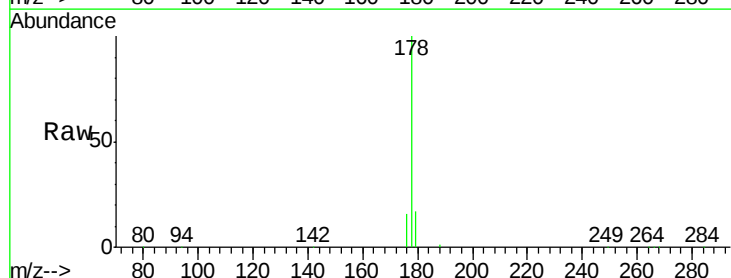
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

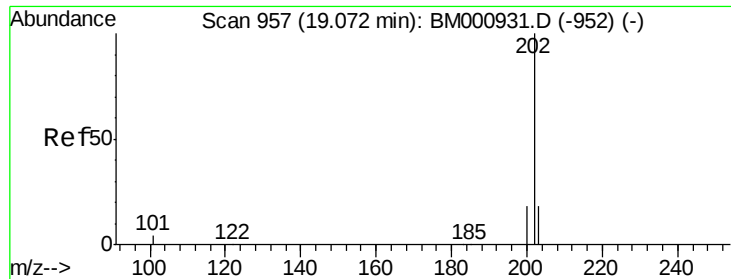
Tgt Ion:178 Resp: 40364
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 14.3 11.4 17.2



#28
 Anthracene
 Concen: 0.39 ng
 RT: 17.14 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BM000931.D
 Acq: 09 Apr 2015 20:47

Tgt Ion:178 Resp: 33784
 Ion Ratio Lower Upper
 178 100
 176 15.9 12.7 19.1
 179 17.4 13.9 20.9

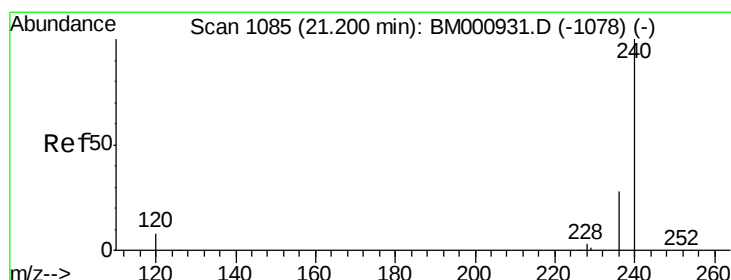
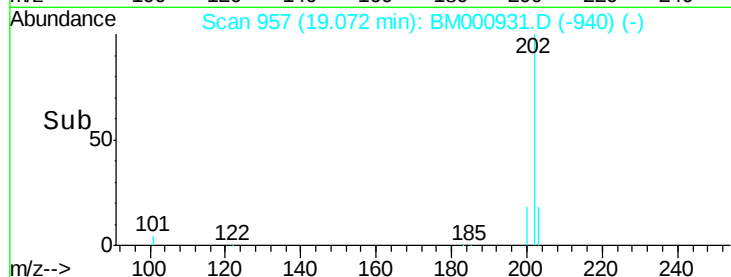
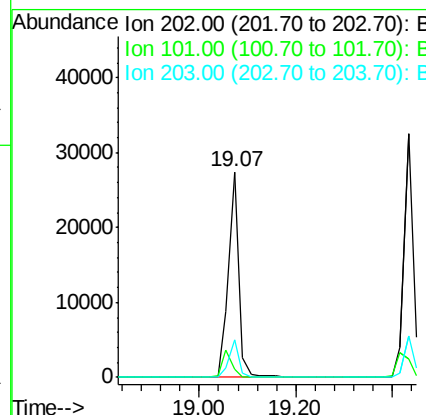
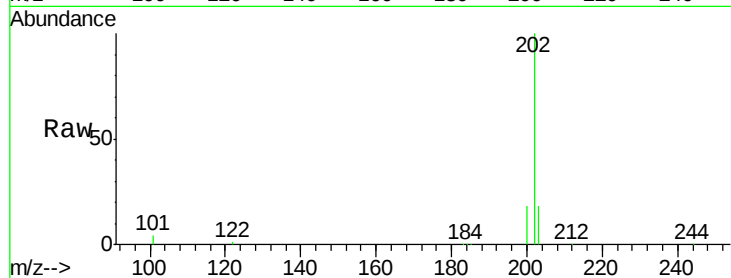




#29
Fluoranthene
Concen: 0.40 ng
RT: 19.07 min Scan# 957
Delta R.T. 0.00 min
Lab File: BM000931.D
Acq: 09 Apr 2015 20:47

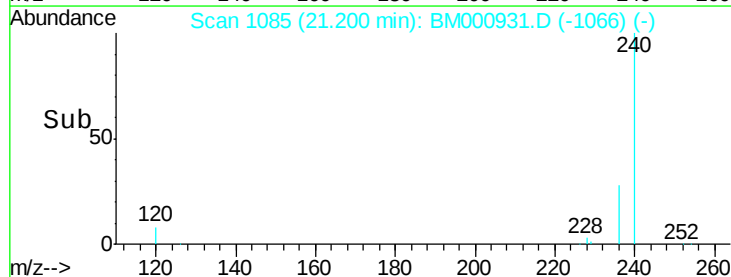
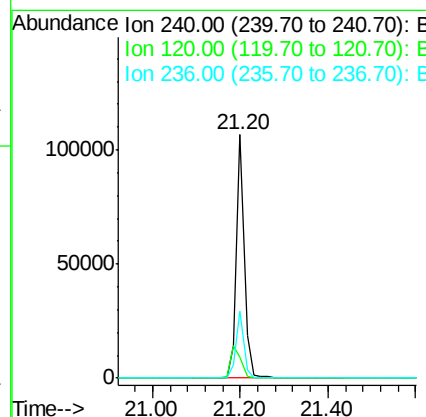
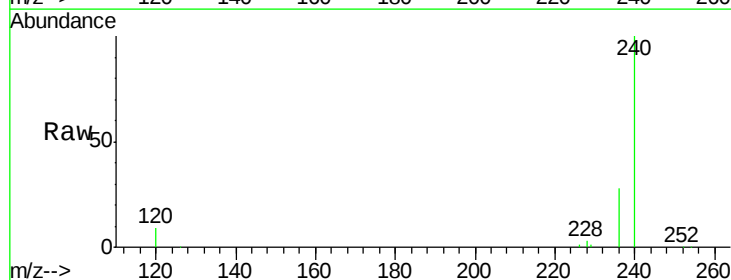
Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

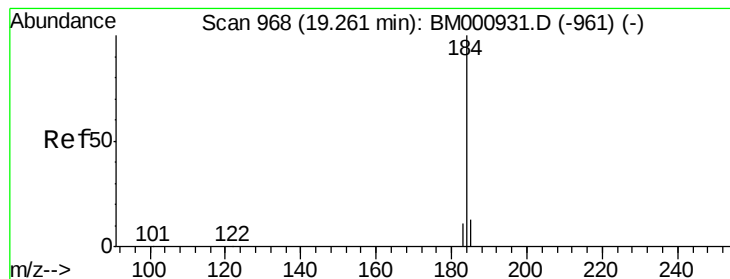
Tgt Ion:202 Resp: 41240
Ion Ratio Lower Upper
202 100
101 4.1 0.0 24.1
203 18.4 0.0 38.4



#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.20 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BM000931.D
Acq: 09 Apr 2015 20:47

Tgt Ion:240 Resp: 133532
Ion Ratio Lower Upper
240 100
120 8.5 6.8 10.2
236 27.6 22.1 33.1





#31

Benzidine

Concen: 0.42 ng

RT: 19.26 min Scan# 968

Delta R.T. 0.00 min

Lab File: BM000931.D

Acq: 09 Apr 2015 20:47

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

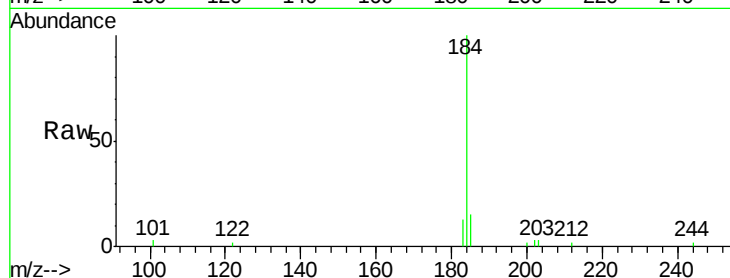
Tgt Ion:184 Resp: 6600

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.4

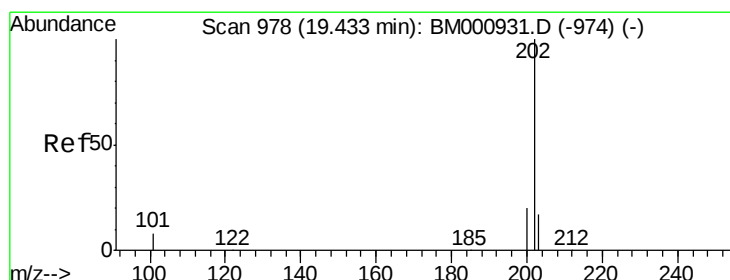
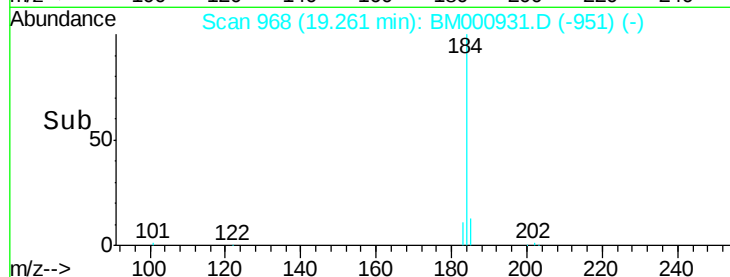
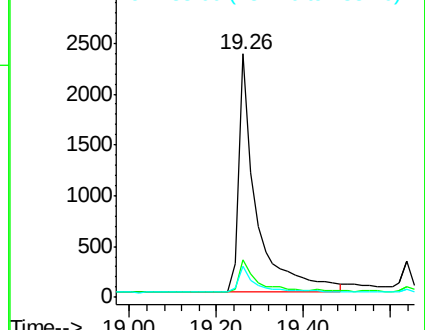
183 12.9 10.3 15.5



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



#32

Pyrene

Concen: 0.39 ng

RT: 19.43 min Scan# 978

Delta R.T. 0.00 min

Lab File: BM000931.D

Acq: 09 Apr 2015 20:47

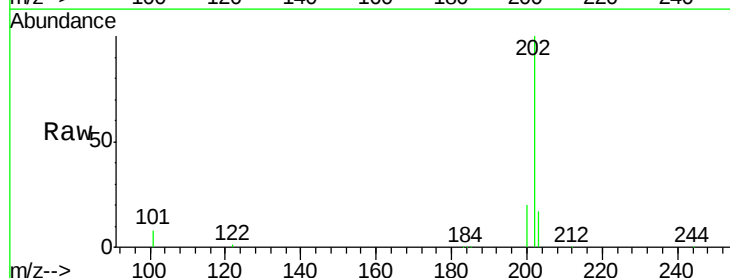
Tgt Ion:202 Resp: 43917

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.4

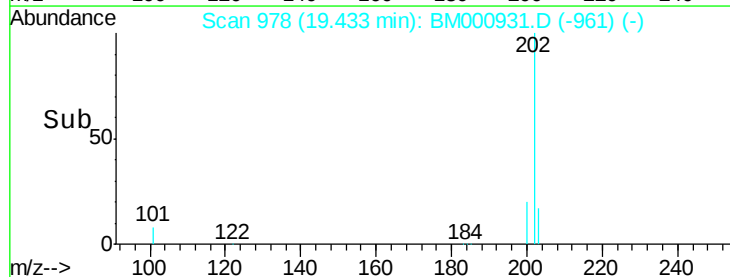
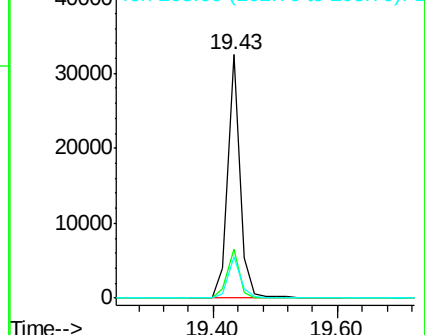
203 16.9 13.5 20.3

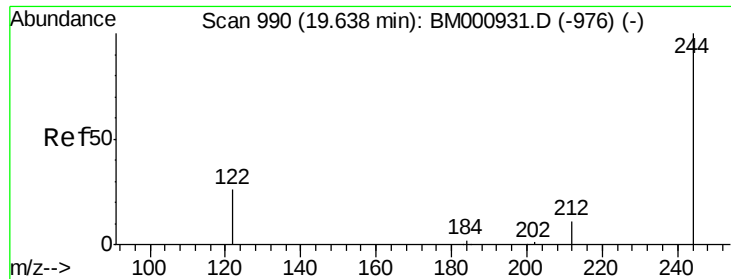


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

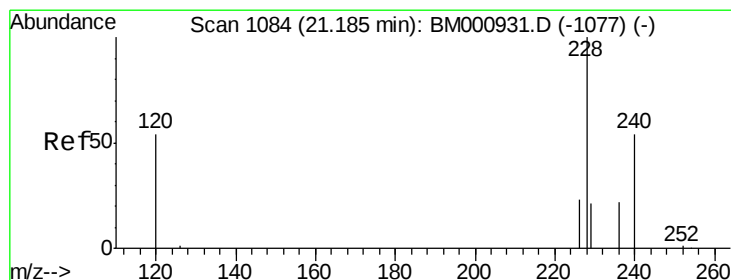
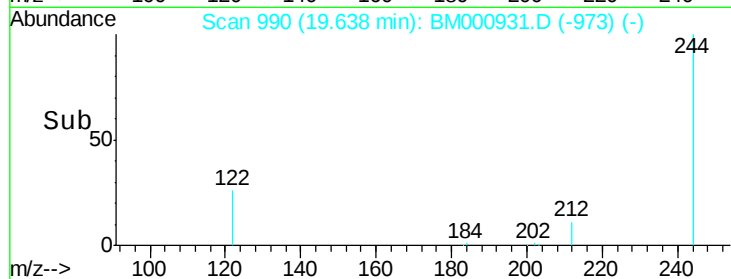
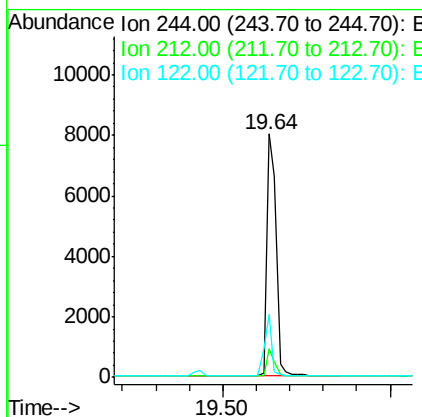
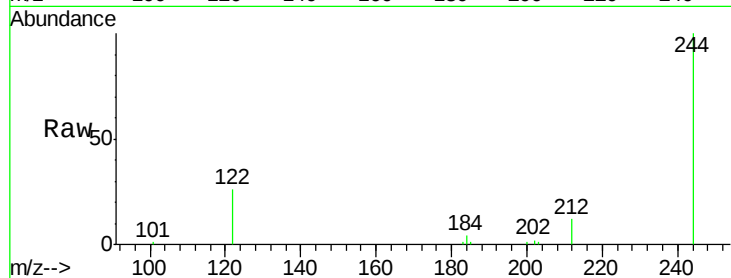




#33
 Terphenyl-d14
 Concen: 0.40 ng
 RT: 19.64 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BM000931.D
 Acq: 09 Apr 2015 20:47

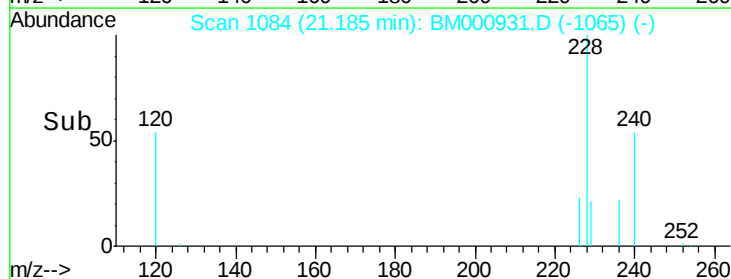
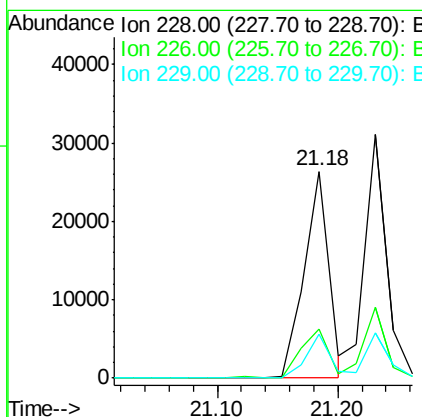
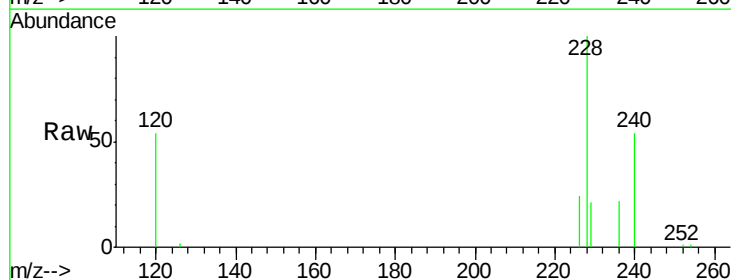
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

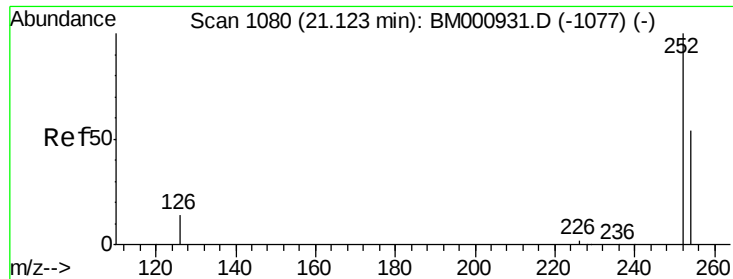
Tgt Ion:244 Resp: 15897
 Ion Ratio Lower Upper
 244 100
 212 11.7 9.4 14.0
 122 26.1 20.9 31.3



#34
 Benzo(a)anthracene
 Concen: 0.40 ng
 RT: 21.18 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BM000931.D
 Acq: 09 Apr 2015 20:47

Tgt Ion:228 Resp: 37372
 Ion Ratio Lower Upper
 228 100
 226 23.6 18.9 28.3
 229 21.0 16.8 25.2

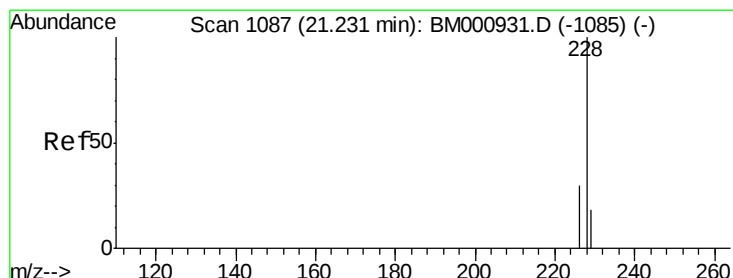
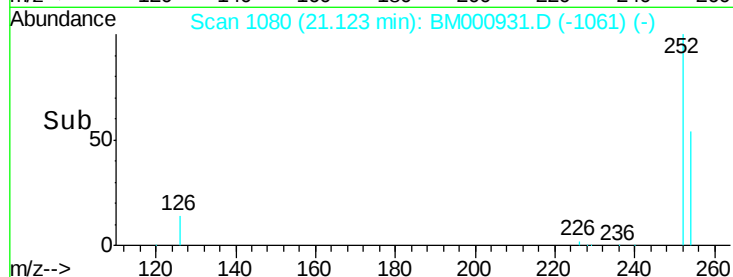
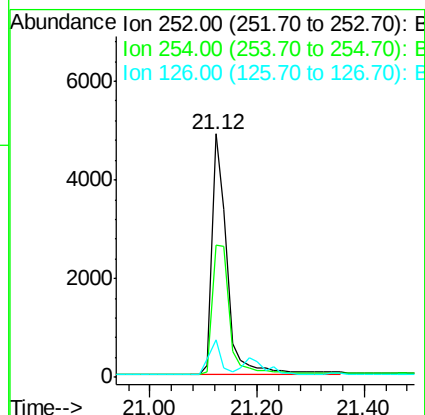
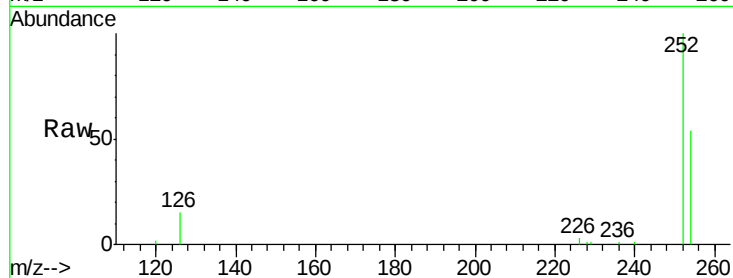




#35
 3,3'-Dichlorobenzidine
 Concen: 0.41 ng
 RT: 21.12 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BM000931.D
 Acq: 09 Apr 2015 20:47

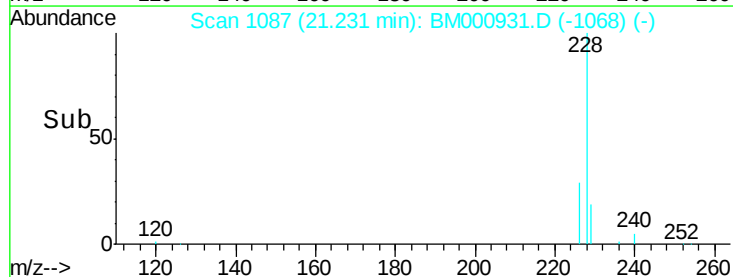
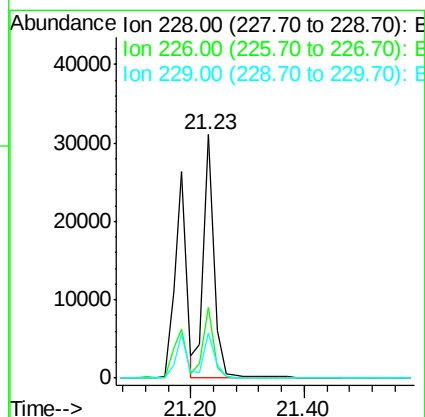
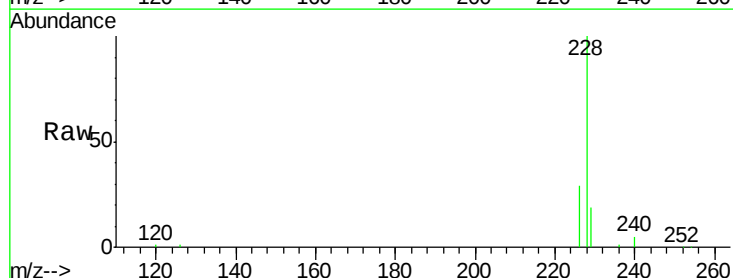
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

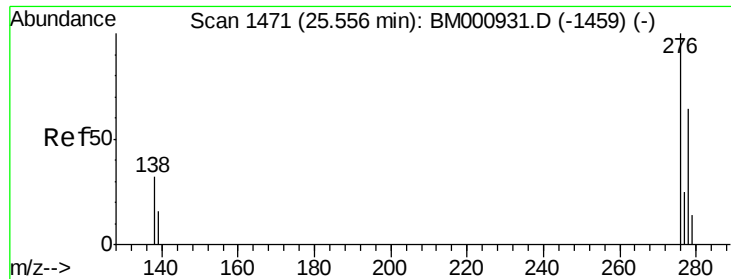
Tgt Ion: 252 Resp: 9420
 Ion Ratio Lower Upper
 252 100
 254 54.3 43.4 65.2
 126 15.4 12.3 18.5



#36
 Chrysene
 Concen: 0.40 ng
 RT: 21.23 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BM000931.D
 Acq: 09 Apr 2015 20:47

Tgt Ion: 228 Resp: 39758
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.4 35.2
 229 18.8 15.0 22.6

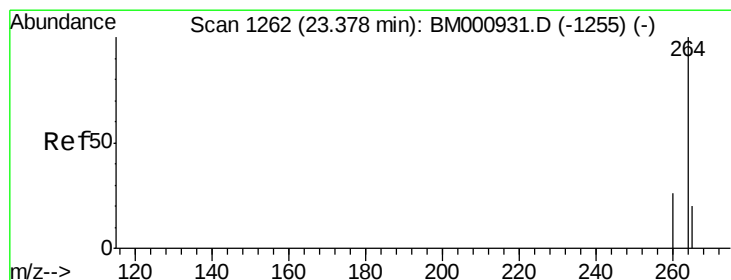
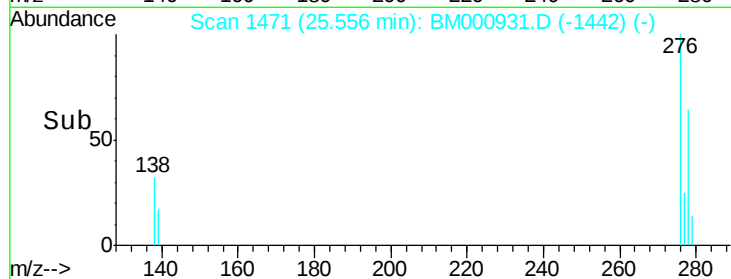
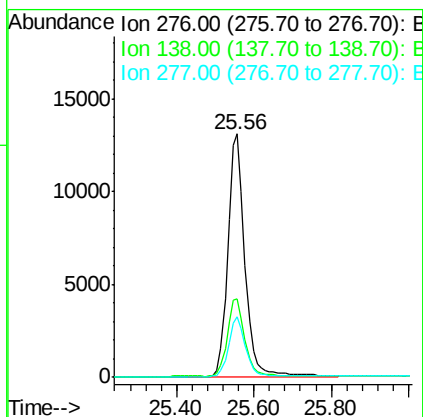
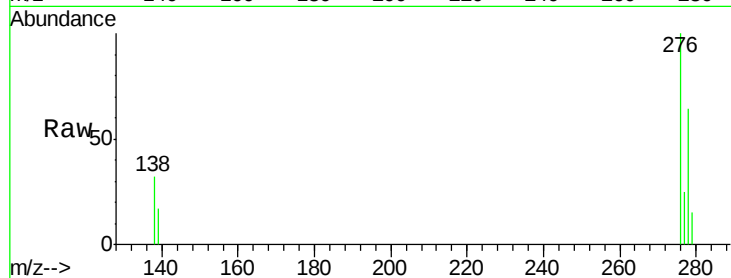




#37
 Indeno(1,2,3-cd)pyrene
 Concen: 0.40 ng
 RT: 25.56 min Scan# 1471
 Delta R.T. 0.00 min
 Lab File: BM000931.D
 Acq: 09 Apr 2015 20:47

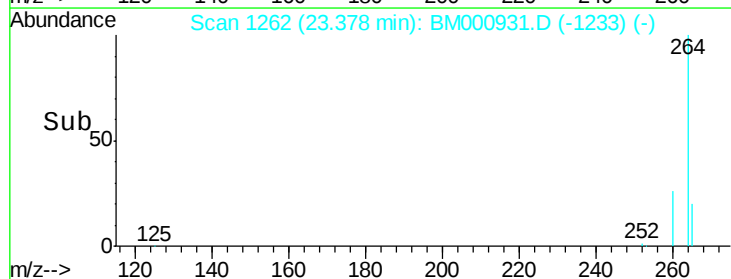
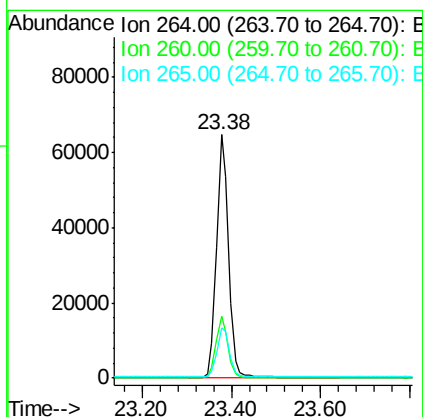
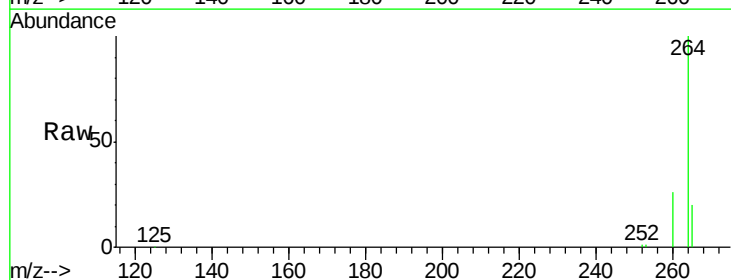
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

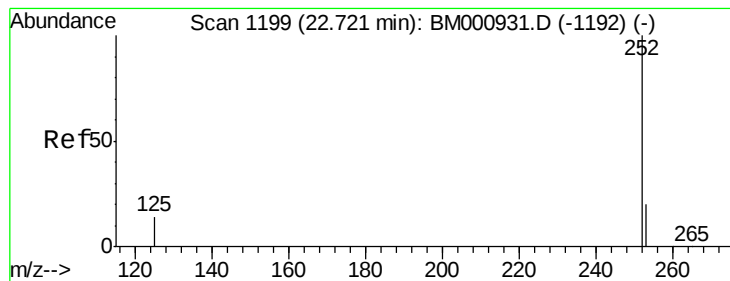
Tgt Ion: 276 Resp: 39845
 Ion Ratio Lower Upper
 276 100
 138 33.3 26.6 40.0
 277 24.7 19.8 29.6



#38
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.38 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BM000931.D
 Acq: 09 Apr 2015 20:47

Tgt Ion: 264 Resp: 121474
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.6 30.8
 265 20.5 16.4 24.6





#39

Benzo(b)fluoranthene

Concen: 0.40 ng

RT: 22.72 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BM000931.D

Acq: 09 Apr 2015 20:47

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

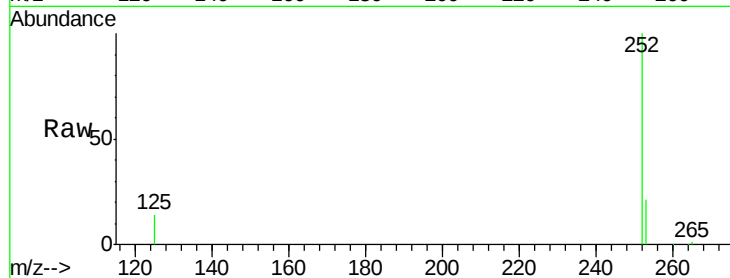
Tgt Ion:252 Resp: 36088

Ion Ratio Lower Upper

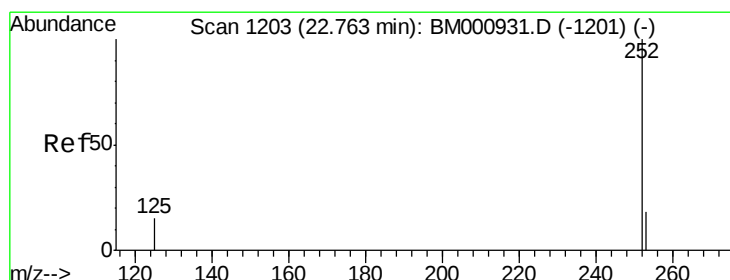
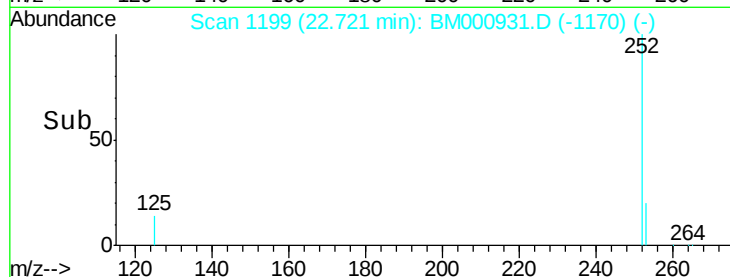
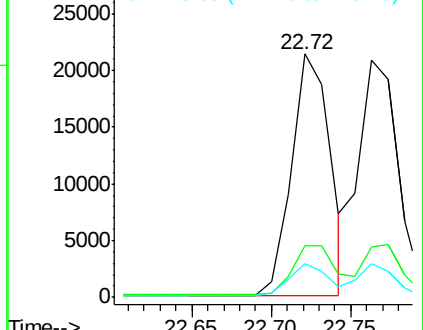
252 100

253 21.1 16.9 25.3

125 14.1 11.3 16.9



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



#40

Benzo(k)fluoranthene

Concen: 0.41 ng

RT: 22.76 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BM000931.D

Acq: 09 Apr 2015 20:47

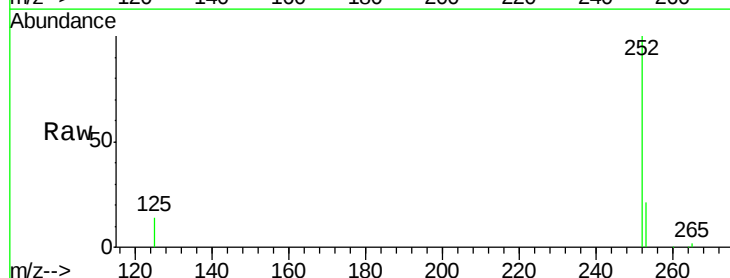
Tgt Ion:252 Resp: 37467

Ion Ratio Lower Upper

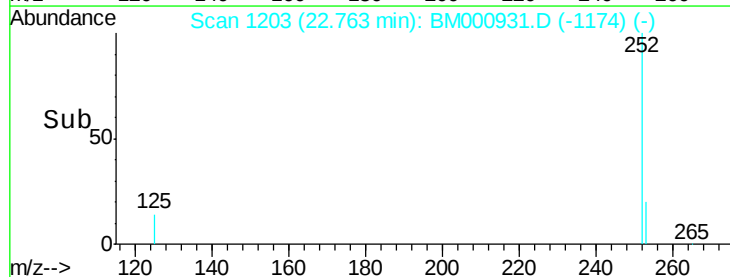
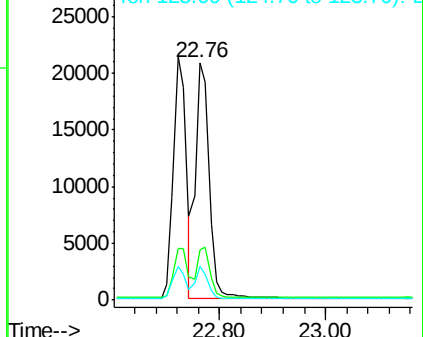
252 100

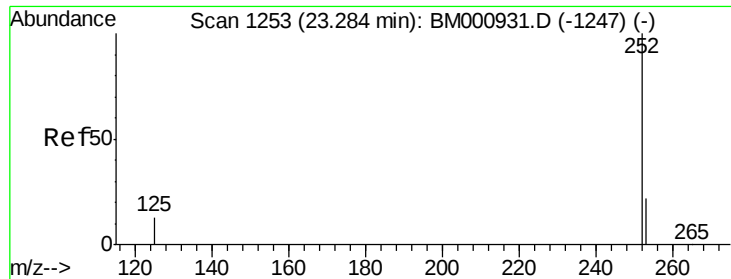
253 21.1 16.9 25.3

125 14.0 11.2 16.8



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





#41

Benzo(a)pyrene

Concen: 0.40 ng

RT: 23.28 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BM000931.D

Acq: 09 Apr 2015 20:47

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

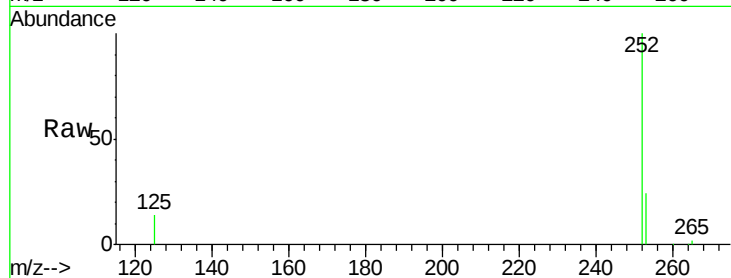
Tgt Ion:252 Resp: 32746

Ion Ratio Lower Upper

252 100

253 23.7 19.0 28.4

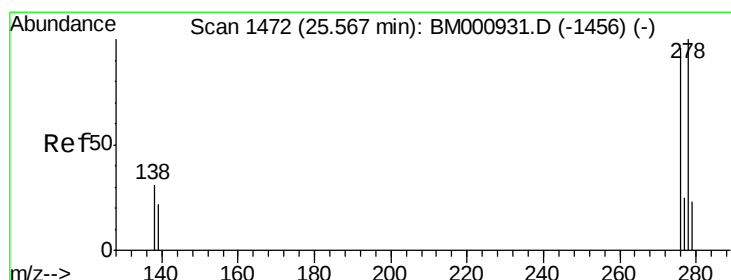
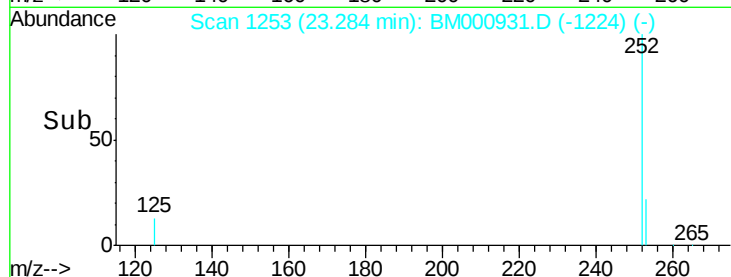
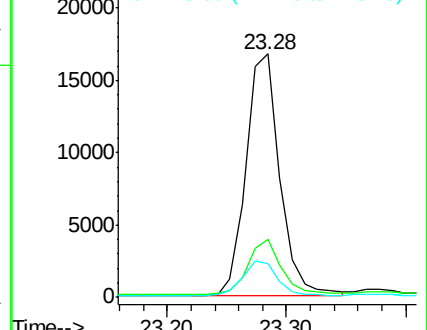
125 13.8 11.0 16.6



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



#42

Dibenzo(a,h)anthracene

Concen: 0.40 ng

RT: 25.57 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BM000931.D

Acq: 09 Apr 2015 20:47

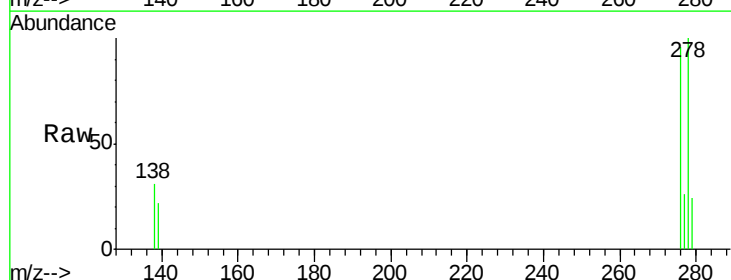
Tgt Ion:278 Resp: 30661

Ion Ratio Lower Upper

278 100

139 22.3 17.8 26.8

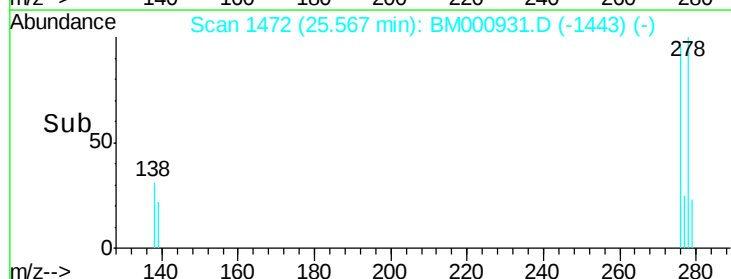
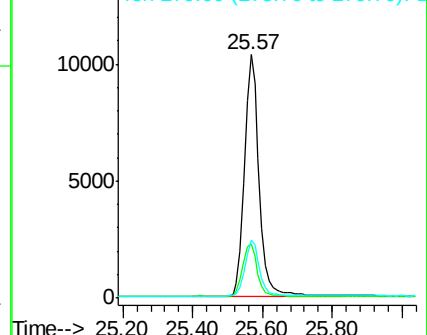
279 23.8 19.0 28.6

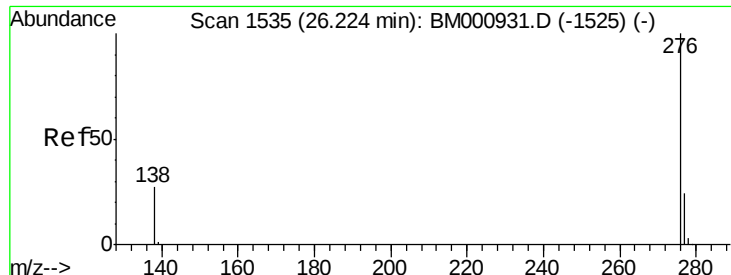


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#43

Benzo(g,h,i)perylene

Concen: 0.40 ng

RT: 26.22 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BM000931.D

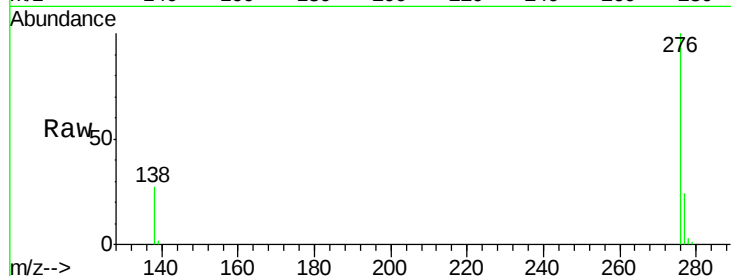
Acq: 09 Apr 2015 20:47

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001



Tgt Ion: 276 Resp: 33980

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 27.1 21.7 32.5

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

