

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040915\
 Data File : BM000927.D
 Acq On : 09 Apr 2015 18:25
 Operator : TP/IZ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

Quant Time: Apr 10 06:05:43 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	41766	5.00	ng	0.00
8) Naphthalene-d8	10.38	136	157812	5.00	ng	0.00
17) Acenaphthene-d10	14.26	164	84197	5.00	ng	0.01
24) Phenanthrene-d10	17.00	188	175943	5.00	ng	0.01
30) Chrysene-d12	21.21	240	147559	5.00	ng	0.00
38) Perylene-d12	23.39	264	135923	5.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	858	0.04	ng	0.00
5) Phenol-d6	6.78	99	958	0.04	ng	0.00
9) Nitrobenzene-d5	8.67	82	92	0.00	ng	-0.09
18) 2,4,6-Tribromophenol	15.76	330	256	0.03	ng	0.01
19) 2-Fluorobiphenyl	12.88	172	2286	0.03	ng	0.00
33) Terphenyl-d14	19.65	244	1750	0.04	ng	0.00

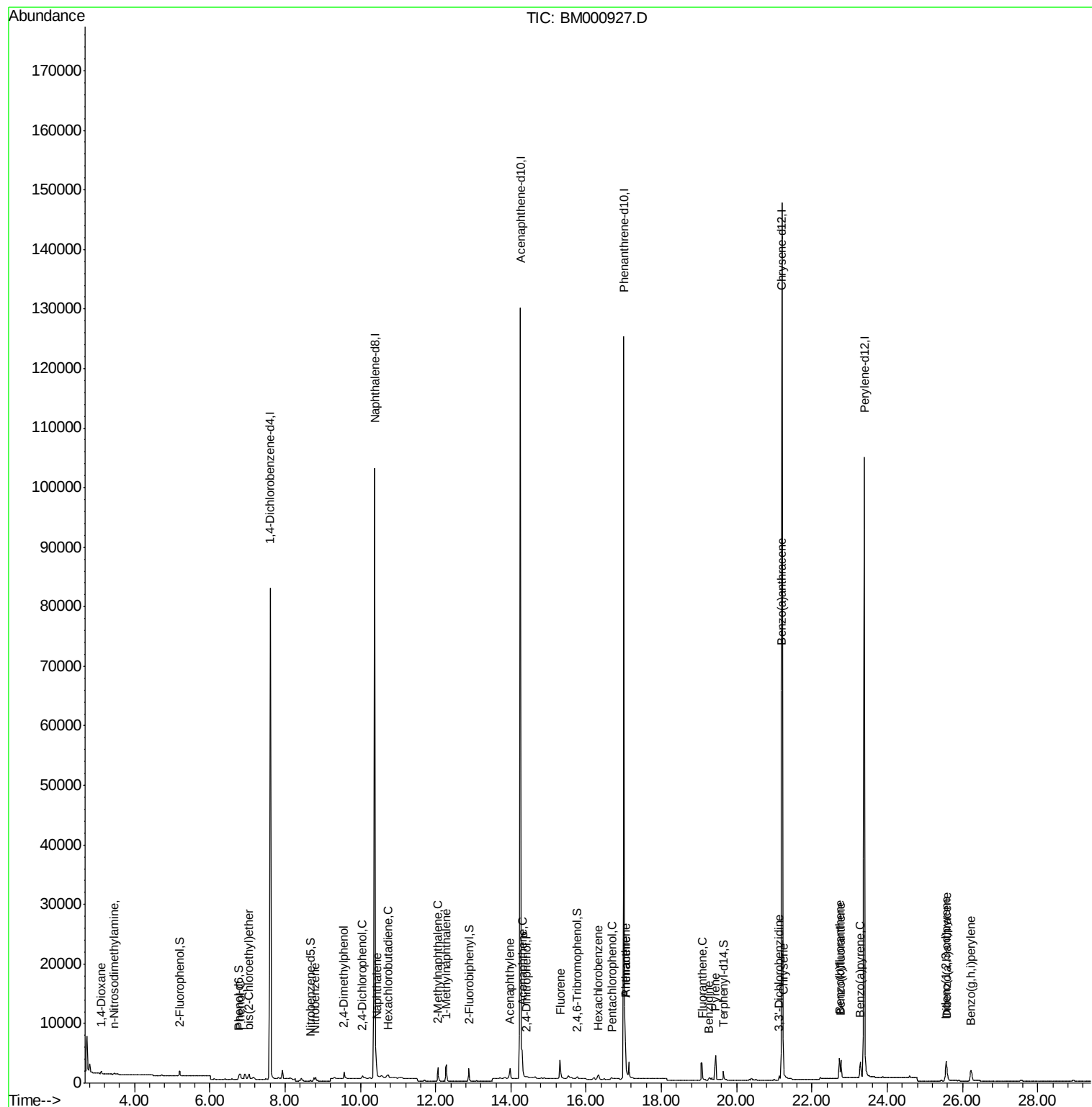
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	939	0.10	ng	# 56
3) n-Nitrosodimethylamine	3.46	42	414	0.03	ng	# 1
6) Phenol	6.82	94	1014	0.04	ng	72
7) bis(2-Chloroethyl)ether	7.04	93	988	0.04	ng	76
10) Nitrobenzene	8.80	77	727	0.03	ng	# 91
11) 2,4-Dimethylphenol	9.56	122	788	0.04	ng	89
12) 2,4-Dichlorophenol	10.05	162	704	0.03	ng	# 67
13) Naphthalene	10.44	128	3286	0.04	ng	# 93
14) Hexachlorobutadiene	10.74	225	587	0.04	ng	93
15) 2-Methylnaphthalene	12.07	142	2131	0.04	ng	94
16) 1-Methylnaphthalene	12.29	142	2181	0.04	ng	96
20) Acenaphthylene	13.97	152	2781	0.02	ng	# 94
21) Acenaphthene	14.31	154	2468	0.04	ng	# 61
22) 2,4-Dinitrophenol	14.41	184	31	0.02	ng	# 12
23) Fluorene	15.30	166	2471	0.03	ng	# 69
25) Hexachlorobenzene	16.33	284	917	0.04	ng	# 85
26) Pentachlorophenol	16.68	266	410	0.05	ng	# 88
27) Phenanthrene	17.05	178	4492	0.04	ng	# 93
28) Anthracene	17.05	178	4492	0.04	ng	95
29) Fluoranthene	19.08	202	4482	0.04	ng	93
31) Benzidine	19.27	184	1307	0.07	ng	# 74
32) Pyrene	19.44	202	4676	0.04	ng	96
34) Benzo(a)anthracene	21.19	228	4368	0.04	ng	96
35) 3,3'-Dichlorobenzidine	21.13	252	930	0.04	ng	# 89
36) Chrysene	21.24	228	4465	0.04	ng	97
37) Indeno(1,2,3-cd)pyrene	25.56	276	4318	0.04	ng	99
39) Benzo(b)fluoranthene	22.73	252	4234	0.04	ng	# 85
40) Benzo(k)fluoranthene	22.77	252	3897	0.04	ng	# 86
41) Benzo(a)pyrene	23.28	252	3628	0.04	ng	# 82
42) Dibenzo(a,h)anthracene	25.58	278	3280	0.04	ng	# 89
43) Benzo(g,h,i)perylene	26.22	276	3780	0.04	ng	# 92

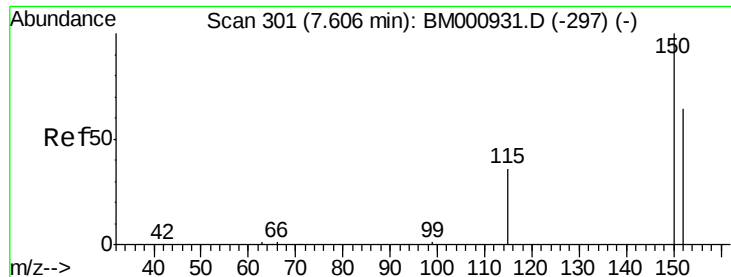
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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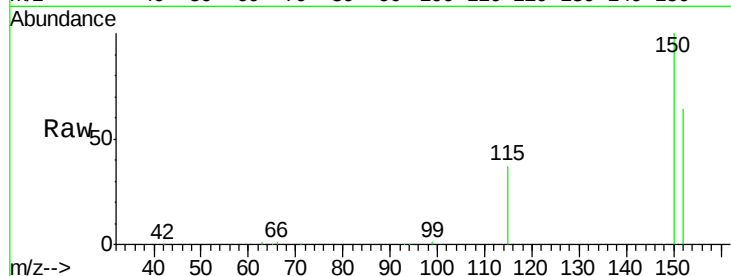




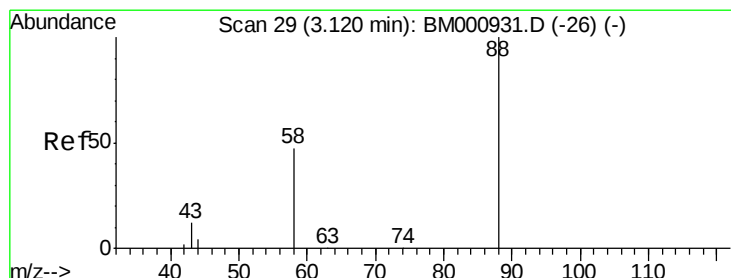
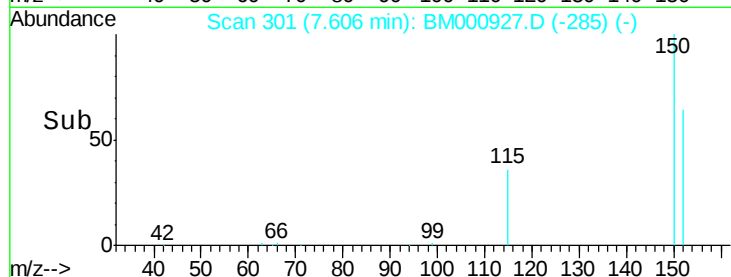
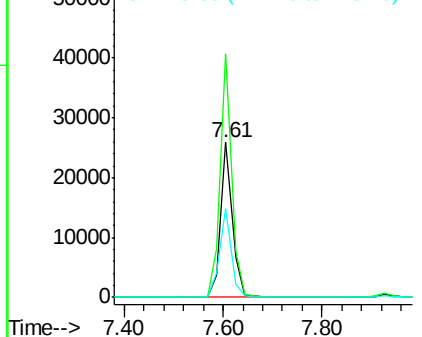
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.61 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: BM000927.D
 Acq: 09 Apr 2015 18:25

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

Tgt Ion: 152 Resp: 41766
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.4 188.2
 115 57.3 45.9 68.9

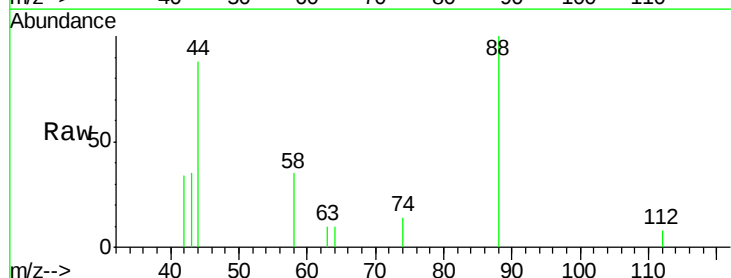


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

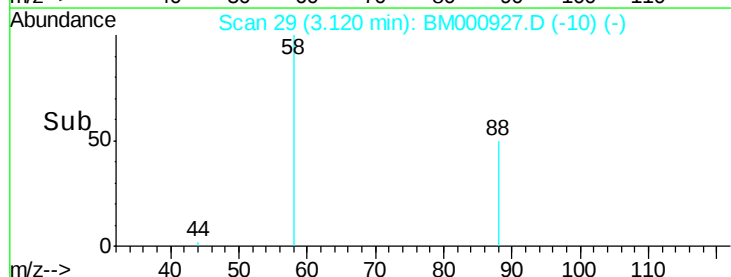
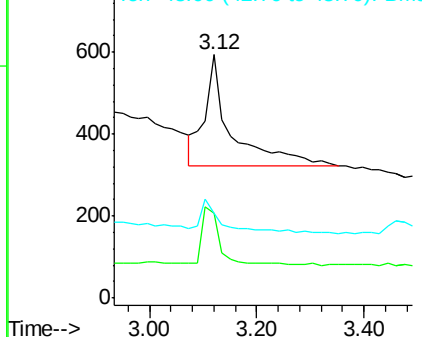


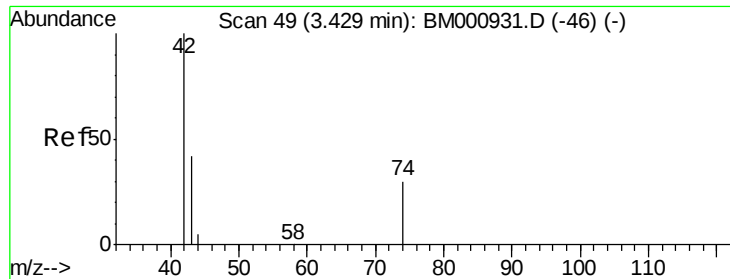
#2
 1,4-Dioxane
 Concen: 0.10 ng
 RT: 3.12 min Scan# 29
 Delta R.T. 0.00 min
 Lab File: BM000927.D
 Acq: 09 Apr 2015 18:25

Tgt Ion: 88 Resp: 939
 Ion Ratio Lower Upper
 88 100
 58 30.6 63.0 94.6#
 43 22.7 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: 0.03 ng

RT: 3.46 min Scan# 51

Delta R.T. 0.03 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

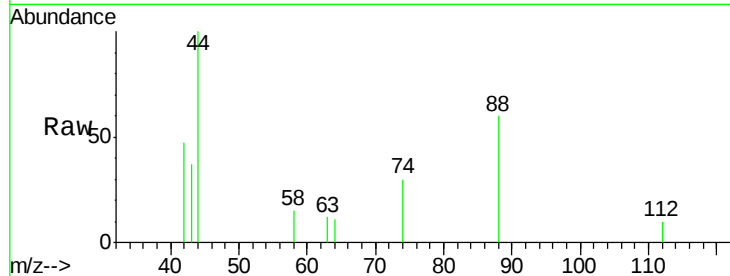
Tgt Ion: 42 Resp: 414

Ion Ratio Lower Upper

42 100

74 64.9 26.0 39.0#

44 213.4 29.0 43.4#

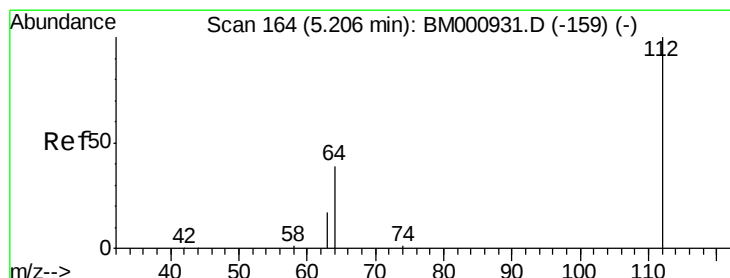
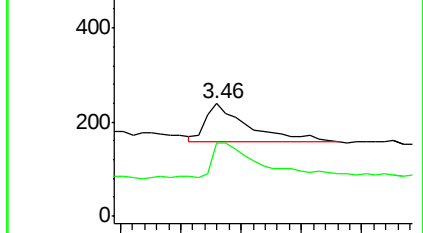
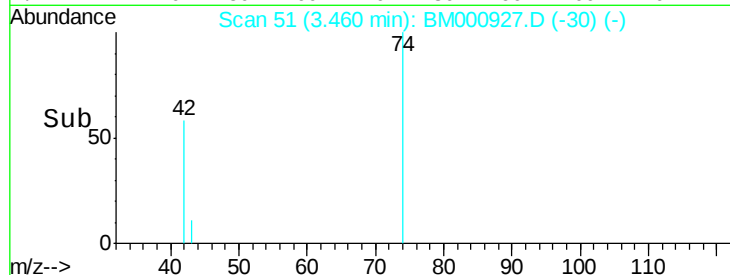


Abundance Ion 42.00 (41.70 to 42.70): BM000927.D (-30) (-)

Ion 74.00 (73.70 to 74.70): BM000927.D (-30) (-)

Ion 44.00 (43.70 to 44.70): BM000927.D (-30) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.04 ng

RT: 5.21 min Scan# 164

Delta R.T. 0.00 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

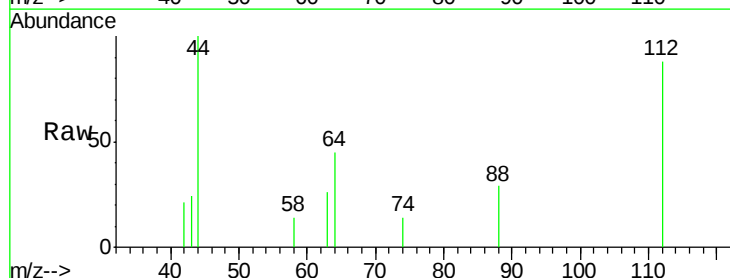
Tgt Ion: 112 Resp: 858

Ion Ratio Lower Upper

112 100

64 51.1 31.8 47.8#

63 28.9 14.5 21.7#

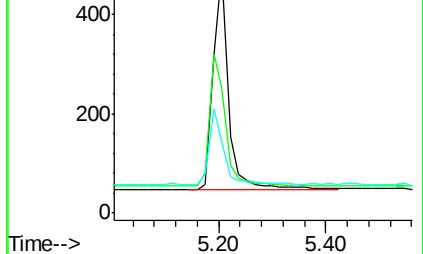
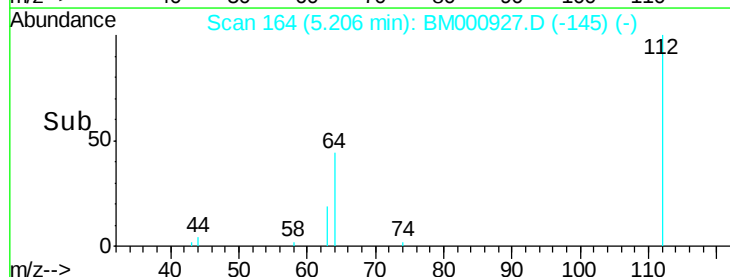


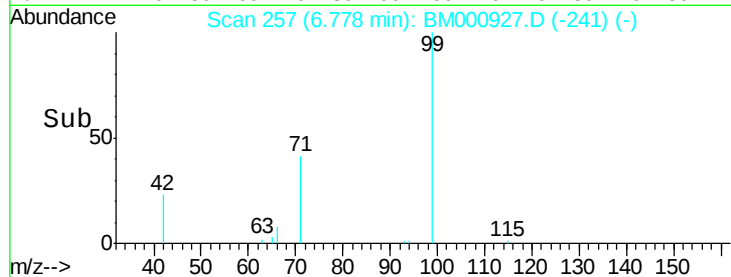
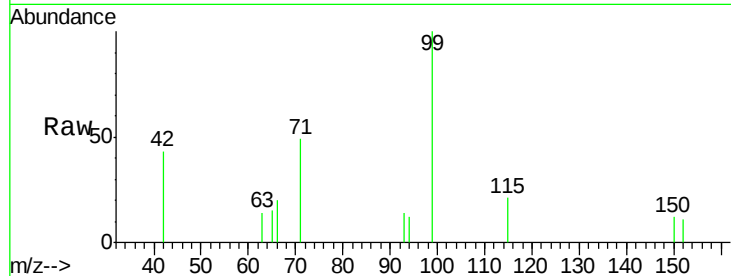
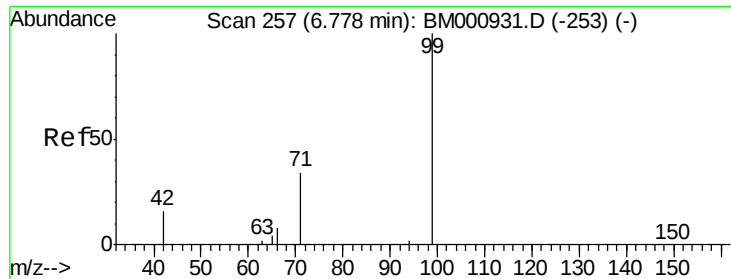
Abundance Ion 112.00 (111.70 to 112.70): BM000927.D (-145) (-)

Ion 64.00 (63.70 to 64.70): BM000927.D (-145) (-)

Ion 63.00 (62.70 to 63.70): BM000927.D (-145) (-)

Time-->





#5

Phenol-d6

Concen: 0.04 ng

RT: 6.78 min Scan# 257

Delta R.T. 0.00 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

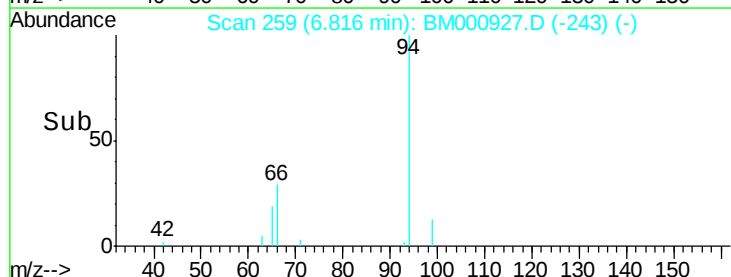
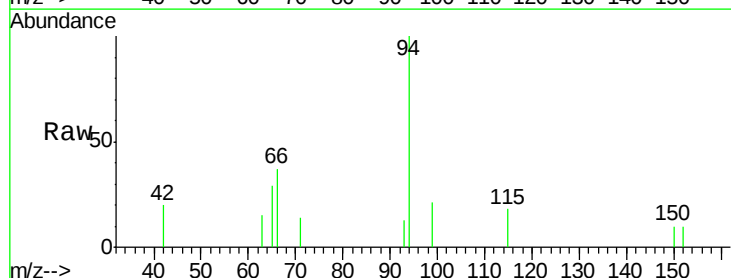
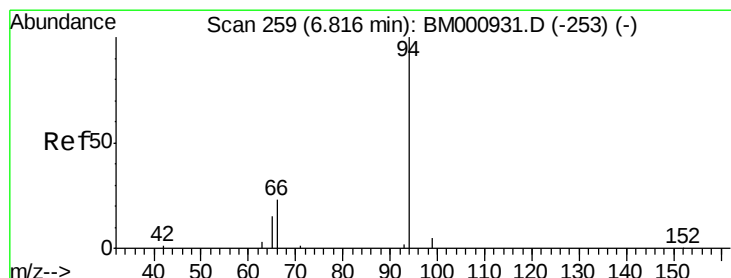
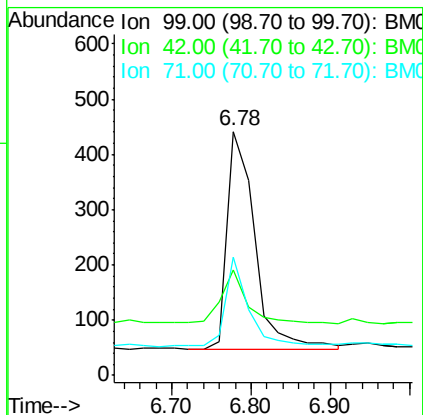
Tgt Ion: 99 Resp: 958

Ion Ratio Lower Upper

99 100

42 43.1 14.1 21.1#

71 48.5 28.0 42.0#



#6

Phenol

Concen: 0.04 ng

RT: 6.82 min Scan# 259

Delta R.T. 0.00 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

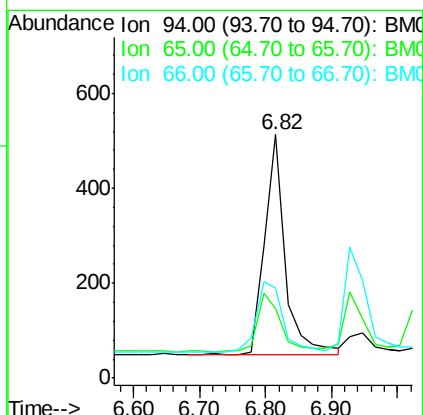
Tgt Ion: 94 Resp: 1014

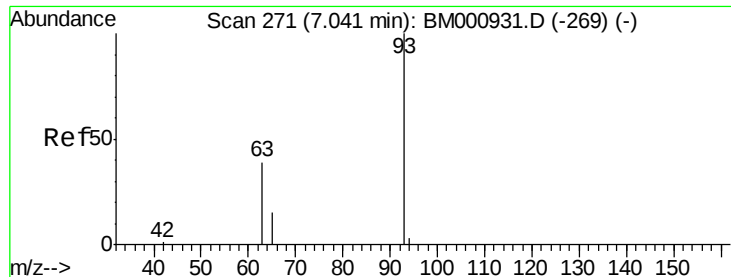
Ion Ratio Lower Upper

94 100

65 28.8 0.0 36.0

66 36.8 3.7 43.7





#7

bis(2-Chloroethyl)ether

Concen: 0.04 ng

RT: 7.04 min Scan# 271

Delta R.T. 0.00 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

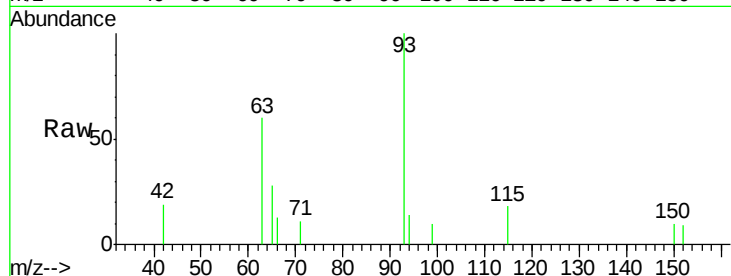
Tgt Ion: 93 Resp: 988

Ion Ratio Lower Upper

93 100

63 59.7 24.0 64.0

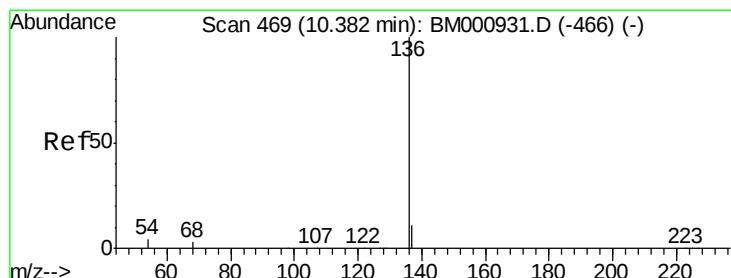
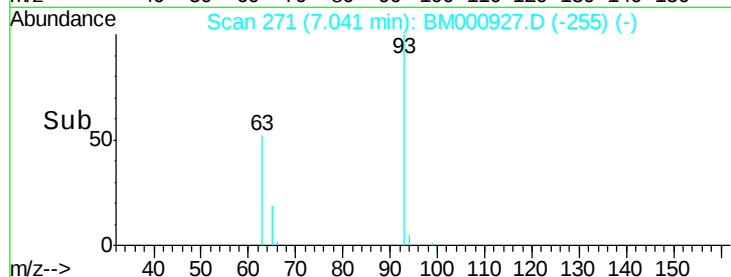
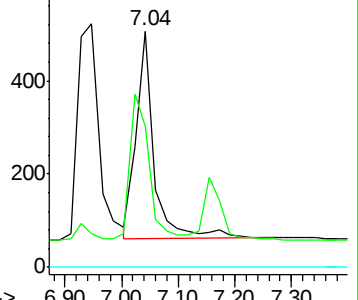
95 0.0 0.0 20.0



Abundance Ion 93.00 (92.70 to 93.70): BM000927.D (-255) (-)

Ion 63.00 (62.70 to 63.70): BM000927.D (-255) (-)

Ion 95.00 (94.70 to 95.70): BM000927.D (-255) (-)



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

Tgt Ion: 136 Resp: 157812

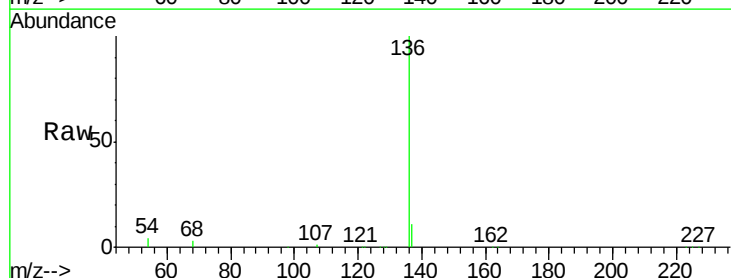
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 3.8 2.9 4.3

68 2.9 2.2 3.2

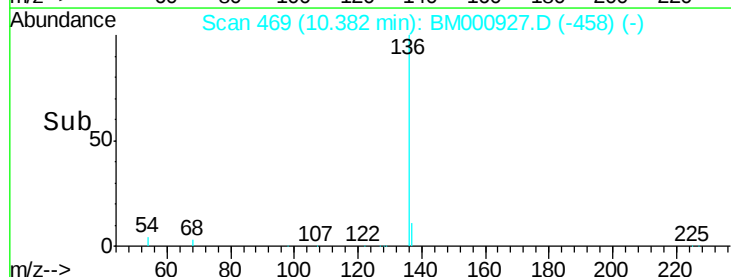
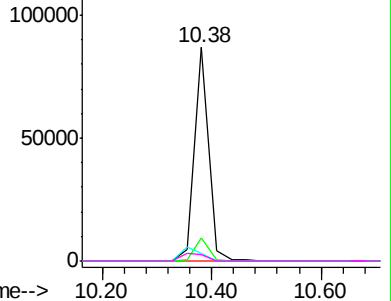


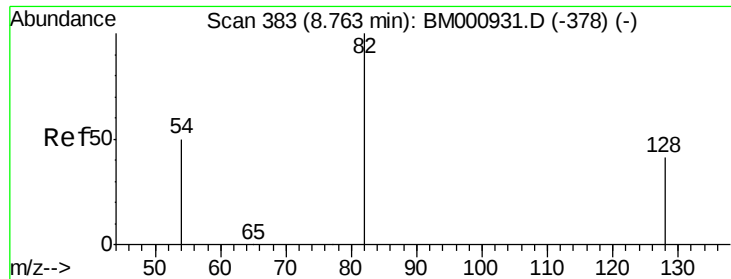
Abundance Ion 136.00 (135.70 to 136.70): BM000927.D (-458) (-)

Ion 137.00 (136.70 to 137.70): BM000927.D (-458) (-)

Ion 54.00 (53.70 to 54.70): BM000927.D (-458) (-)

Ion 68.00 (67.70 to 68.70): BM000927.D (-458) (-)





#9

Nitrobenzene-d5

Concen: 0.00 ng

RT: 8.67 min Scan# 374

Delta R.T. -0.09 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

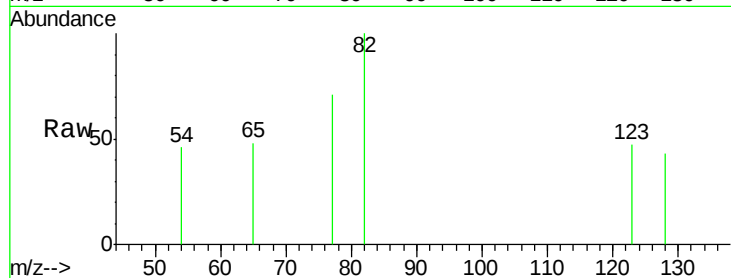
Tgt Ion: 82 Resp: 92

Ion Ratio Lower Upper

82 100

128 42.9 33.4 50.0

54 46.2 40.5 60.7

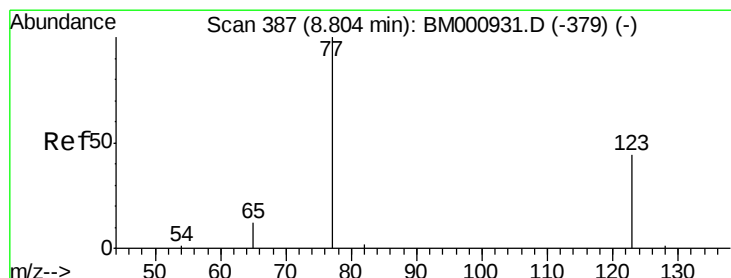
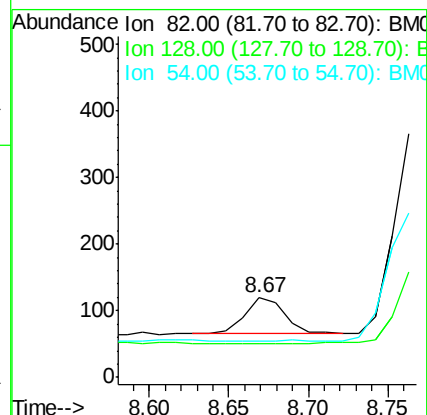
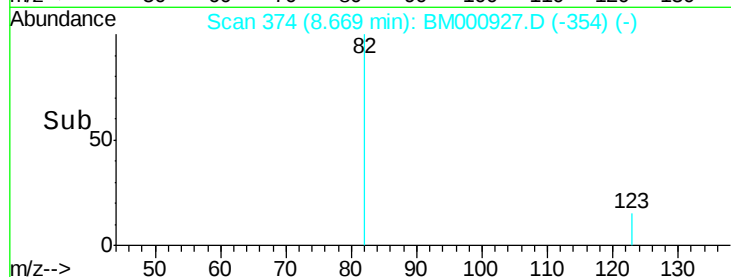


Abundance Ion 82.00 (81.70 to 82.70): BM000927.D (-354) (-)

Ion 128.00 (127.70 to 128.70): BM000927.D (-354) (-)

Ion 54.00 (53.70 to 54.70): BM000927.D (-354) (-)

Time-->



#10

Nitrobenzene

Concen: 0.03 ng

RT: 8.80 min Scan# 387

Delta R.T. 0.00 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

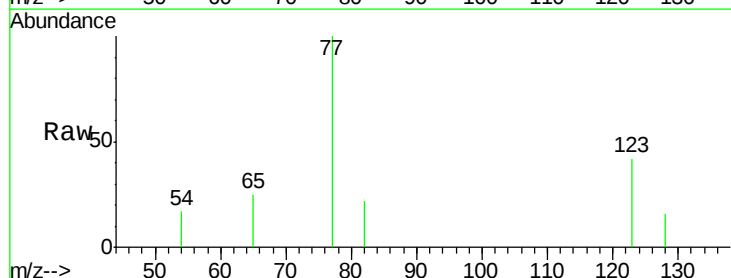
Tgt Ion: 77 Resp: 727

Ion Ratio Lower Upper

77 100

123 42.4 35.0 52.6

65 25.3 10.7 16.1#

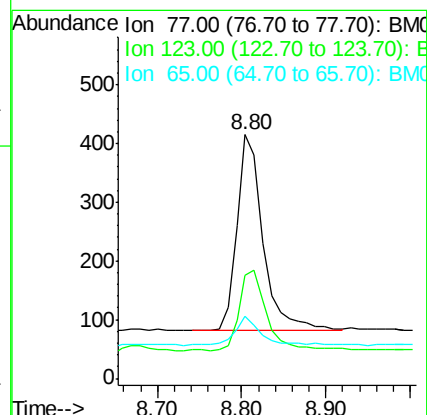
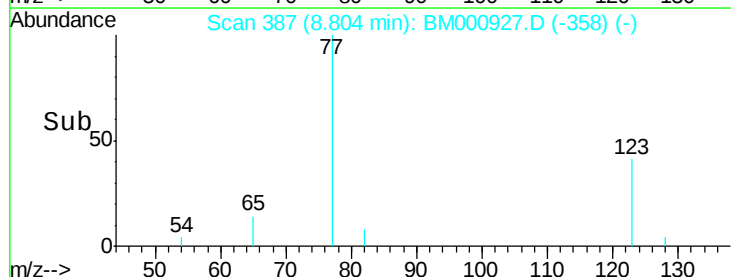


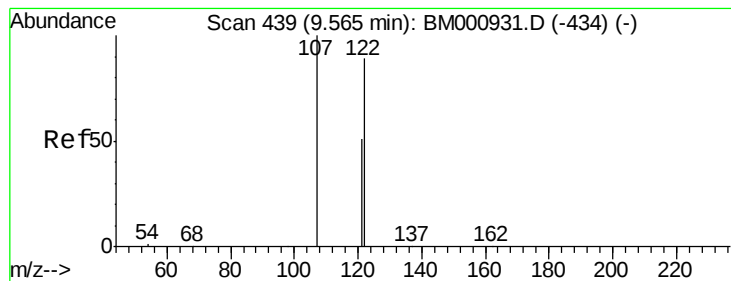
Abundance Ion 77.00 (76.70 to 77.70): BM000927.D (-358) (-)

Ion 123.00 (122.70 to 123.70): BM000927.D (-358) (-)

Ion 65.00 (64.70 to 65.70): BM000927.D (-358) (-)

Time-->





#11

2,4-Dimethylphenol

Concen: 0.04 ng

RT: 9.56 min Scan# 439

Delta R.T. 0.00 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

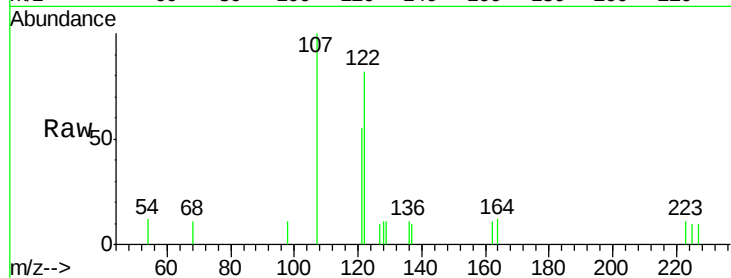
Tgt Ion:122 Resp: 788

Ion Ratio Lower Upper

122 100

107 122.5 89.8 134.6

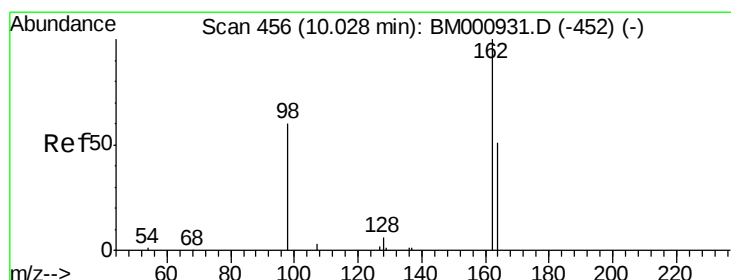
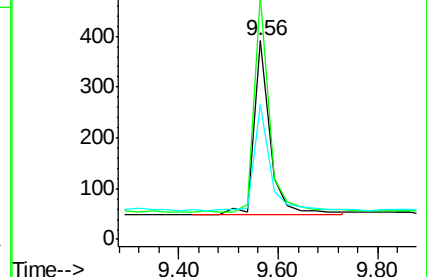
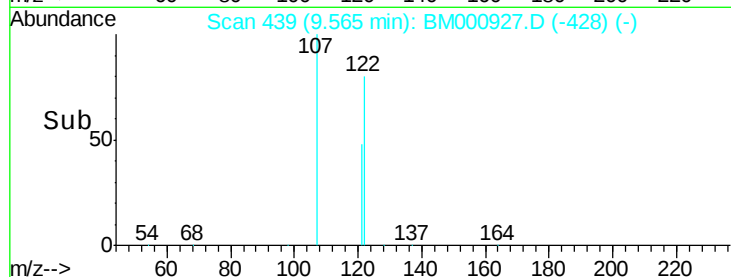
121 67.8 46.6 70.0



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: 0.03 ng

RT: 10.05 min Scan# 457

Delta R.T. 0.03 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

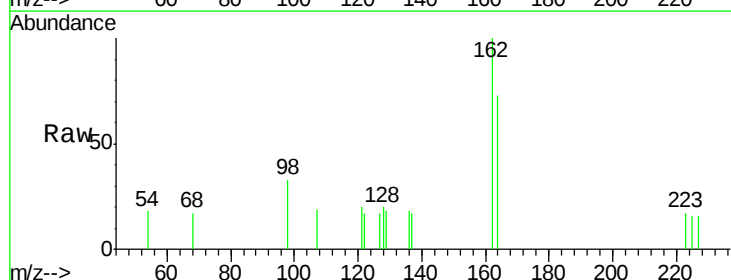
Tgt Ion:162 Resp: 704

Ion Ratio Lower Upper

162 100

164 72.8 32.5 72.5#

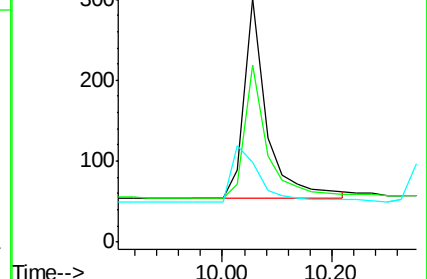
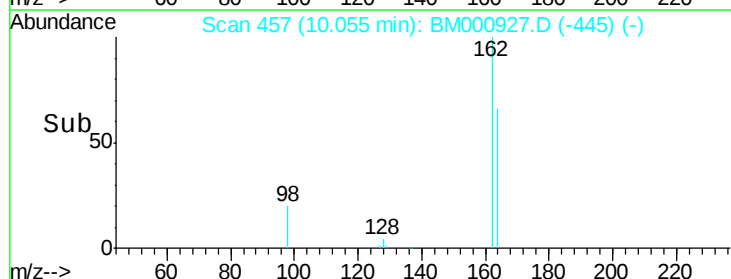
98 32.9 40.5 80.5#

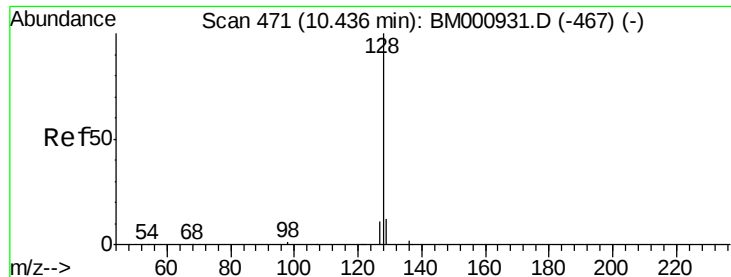


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM

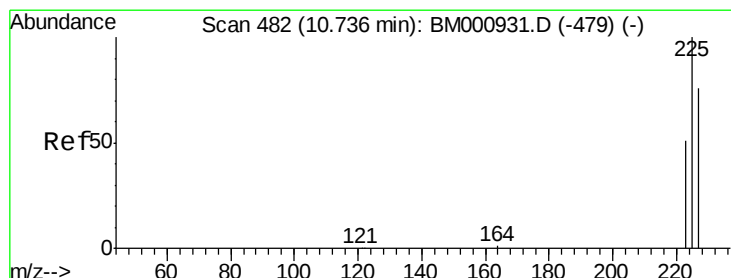
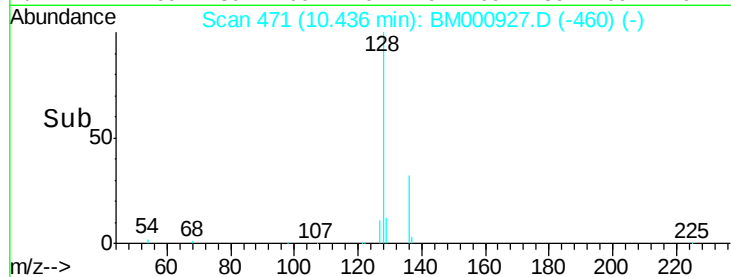
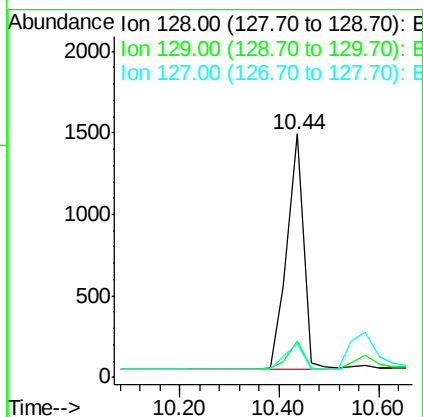
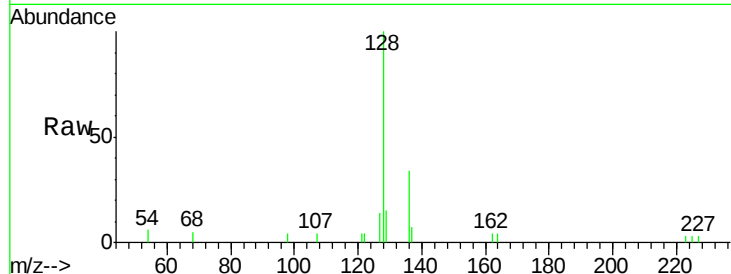




#13
Naphthalene
Concen: 0.04 ng
RT: 10.44 min Scan# 471
Delta R.T. 0.00 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

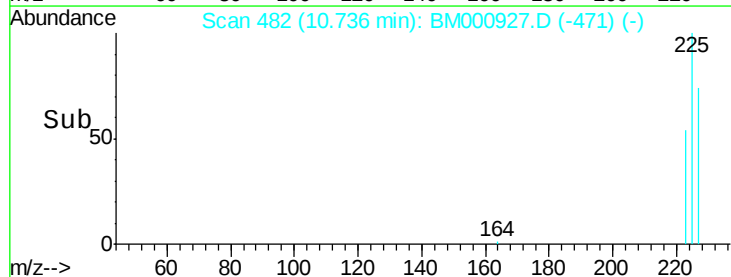
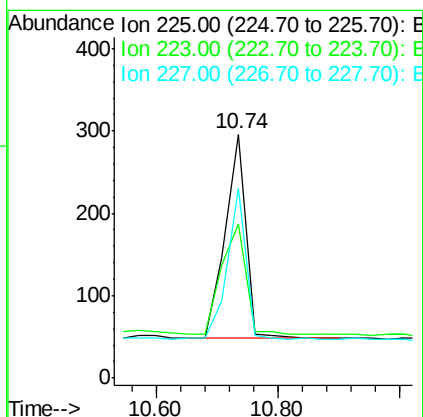
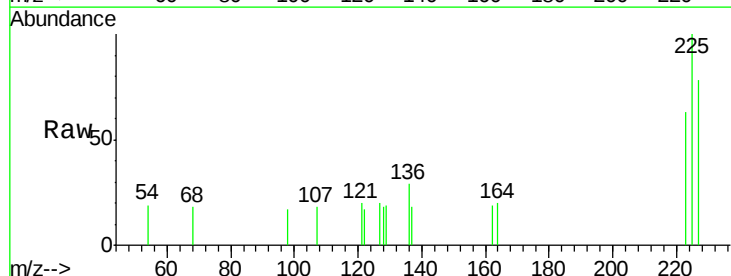
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

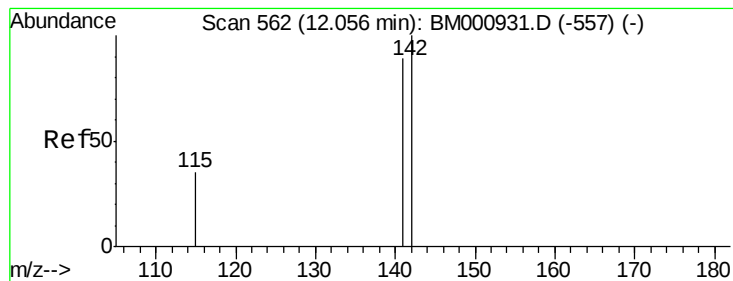
Tgt Ion:128 Resp: 3286
Ion Ratio Lower Upper
128 100
129 15.1 9.8 14.6#
127 13.9 9.1 13.7#



#14
Hexachlorobutadiene
Concen: 0.04 ng
RT: 10.74 min Scan# 482
Delta R.T. 0.00 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:225 Resp: 587
Ion Ratio Lower Upper
225 100
223 63.2 42.2 63.2
227 78.0 61.4 92.2





#15

2-Methylnaphthalene

Concen: 0.04 ng

RT: 12.07 min Scan# 563

Delta R.T. 0.01 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

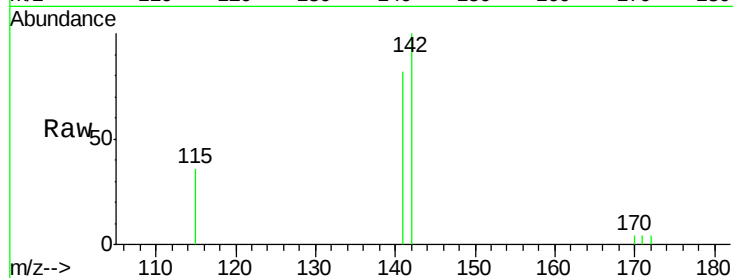
Tgt Ion:142 Resp: 2131

Ion Ratio Lower Upper

142 100

141 81.7 71.2 106.8

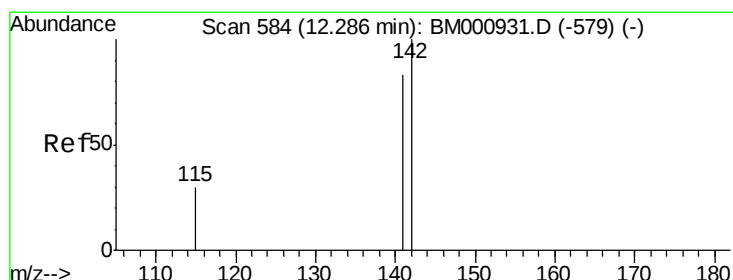
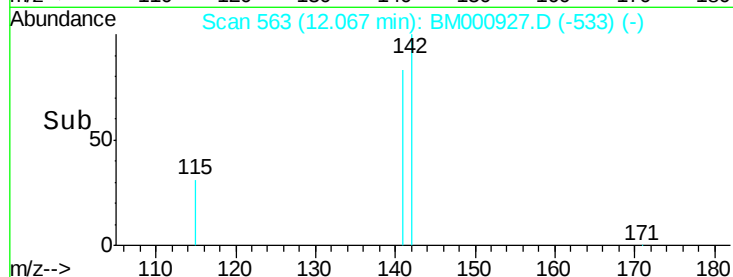
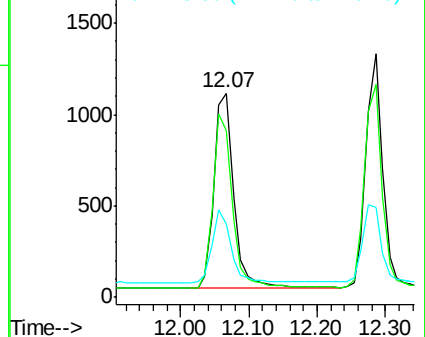
115 35.9 28.3 42.5



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: 0.04 ng

RT: 12.29 min Scan# 584

Delta R.T. 0.00 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

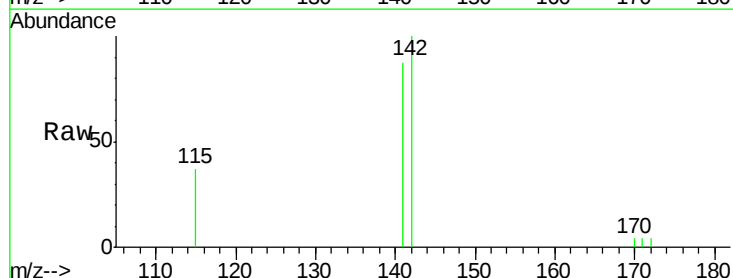
Tgt Ion:142 Resp: 2181

Ion Ratio Lower Upper

142 100

141 87.5 66.7 100.1

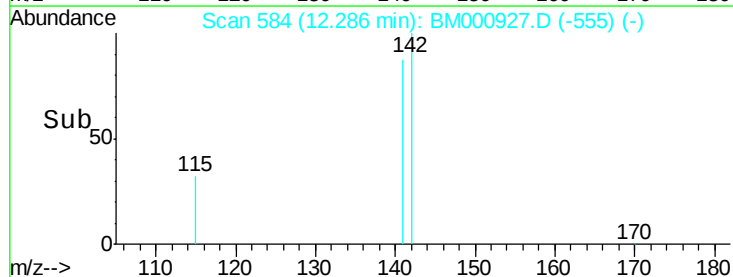
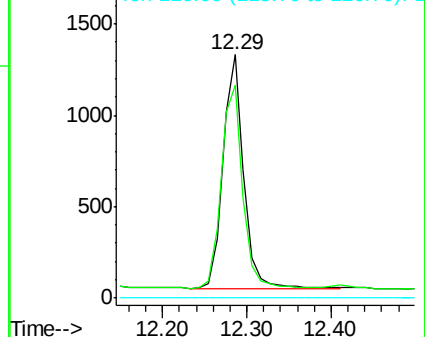
116 0.0 0.0 0.0

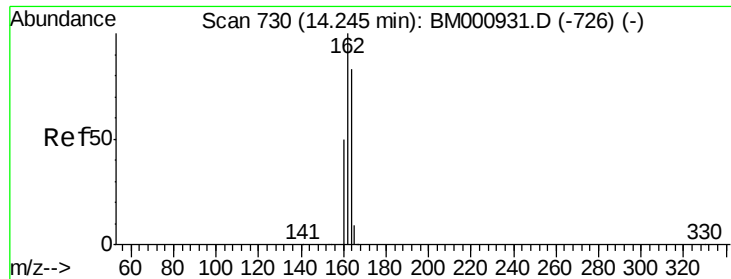


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

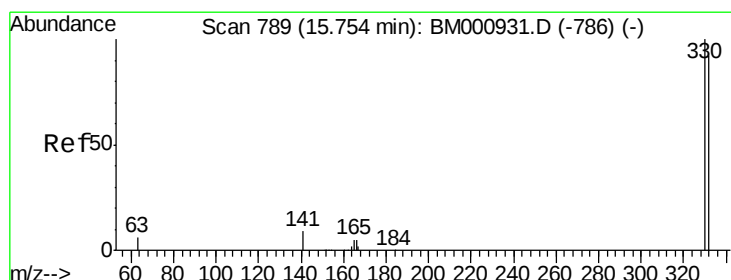
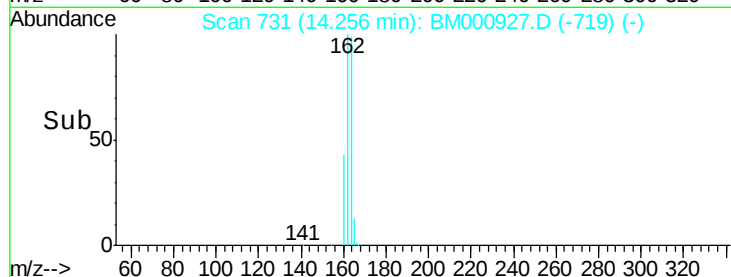
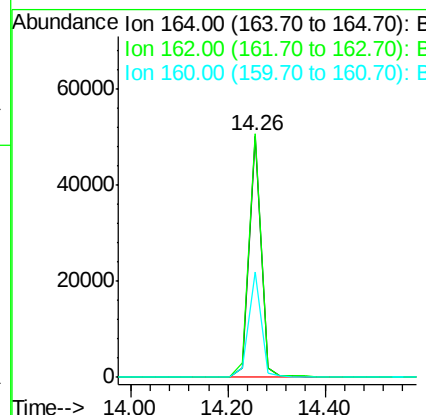
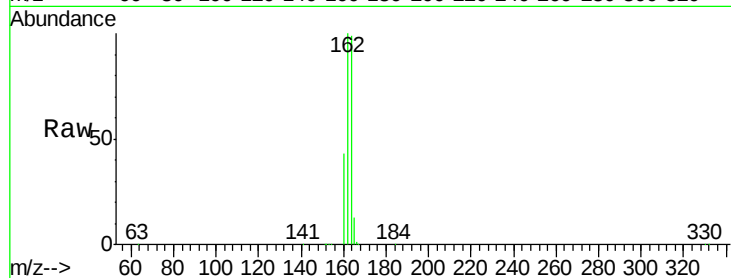




#17
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 731
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

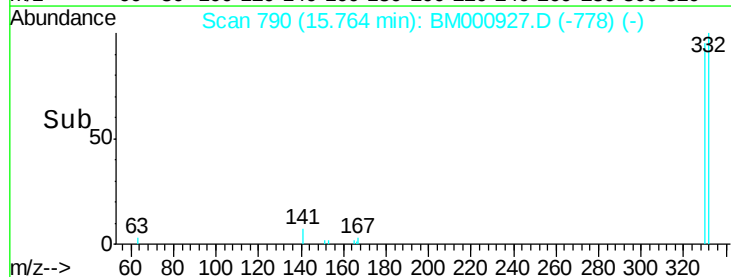
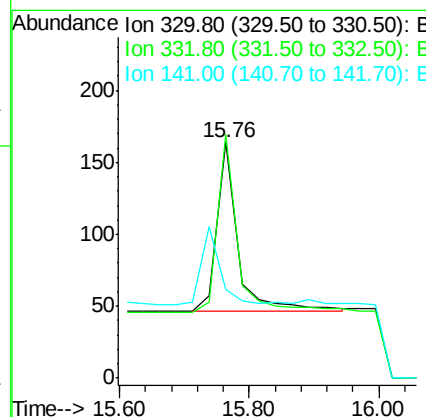
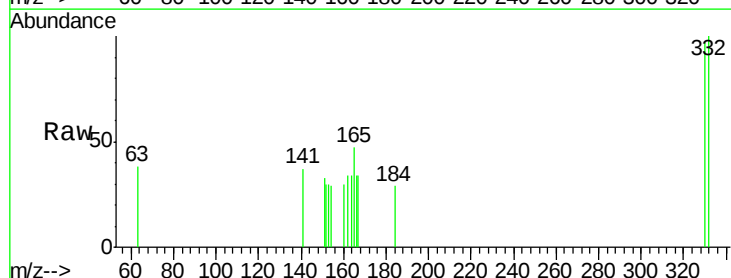
Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

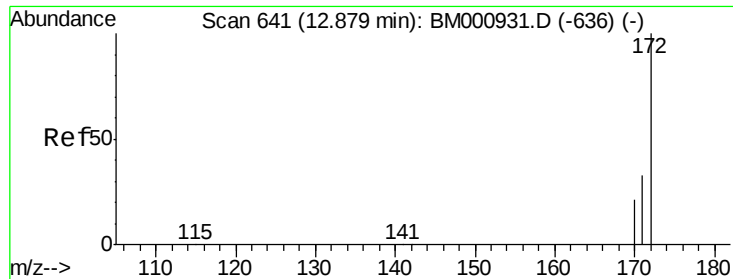
Tgt Ion:164 Resp: 84197
Ion Ratio Lower Upper
164 100
162 100.8 96.1 144.1
160 43.5 48.2 72.2#



#18
2,4,6-Tribromophenol
Concen: 0.03 ng
RT: 15.76 min Scan# 790
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:330 Resp: 256
Ion Ratio Lower Upper
330 100
332 102.3 75.4 113.2
141 0.0 0.0 0.0

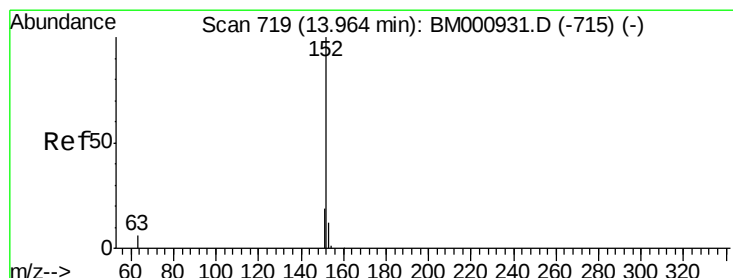
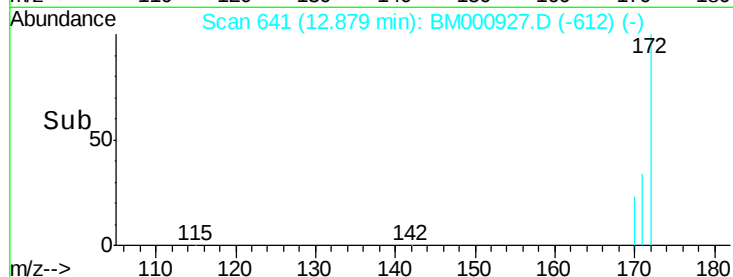
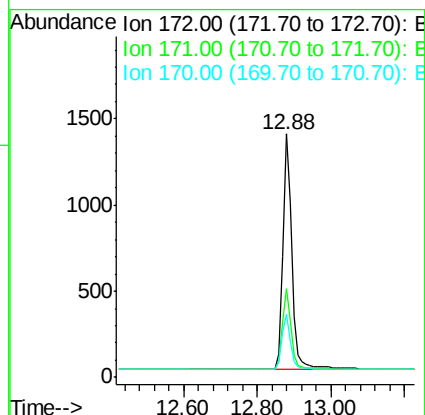
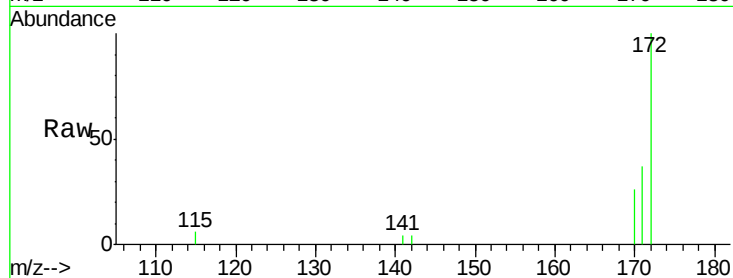




#19
2-Fluorobiphenyl
Concen: 0.03 ng
RT: 12.88 min Scan# 641
Delta R.T. 0.00 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

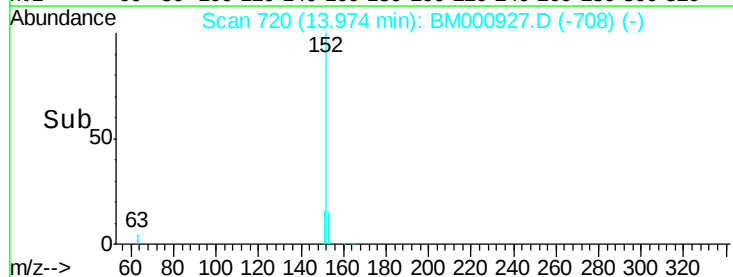
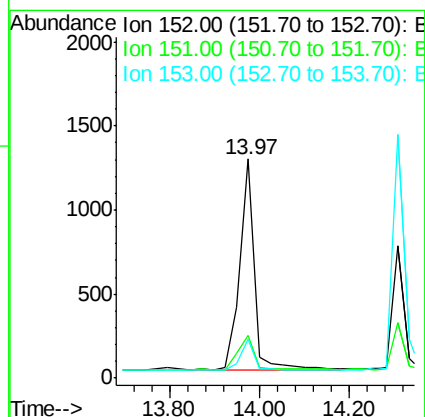
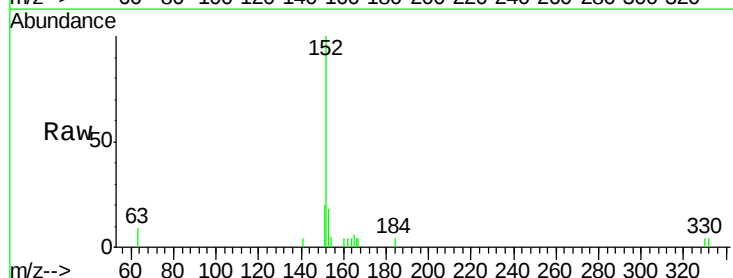
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

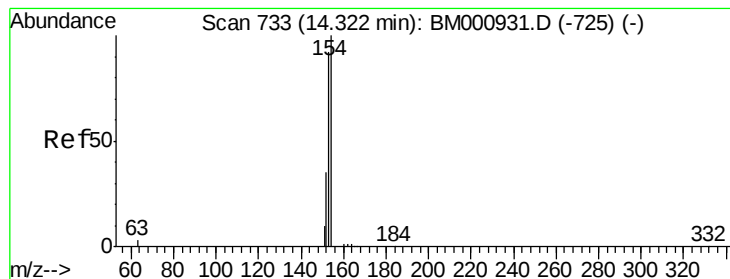
Tgt Ion:172 Resp: 2286
Ion Ratio Lower Upper
172 100
171 36.5 26.7 40.1
170 25.7 17.0 25.4#



#20
Acenaphthylene
Concen: 0.02 ng
RT: 13.97 min Scan# 720
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:152 Resp: 2781
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.0
153 17.7 10.2 15.2#





#21

Acenaphthene

Concen: 0.04 ng

RT: 14.31 min Scan# 733

Delta R.T. -0.02 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

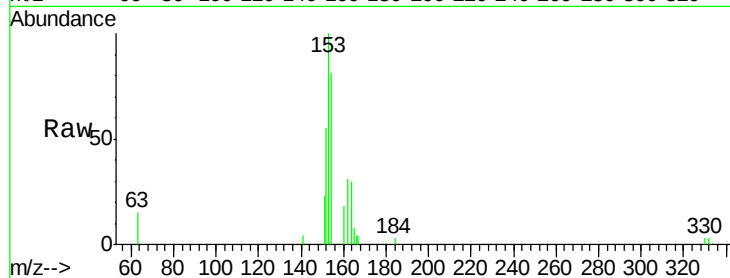
Tgt Ion:154 Resp: 2468

Ion Ratio Lower Upper

154 100

153 124.0 73.7 110.5#

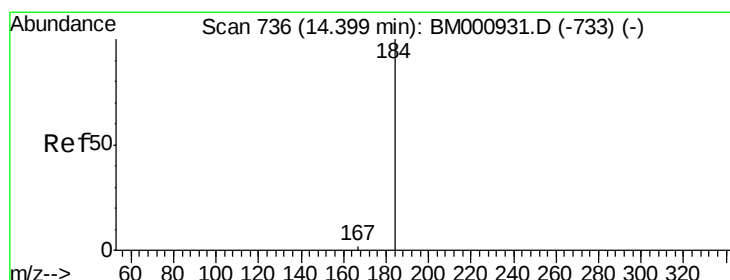
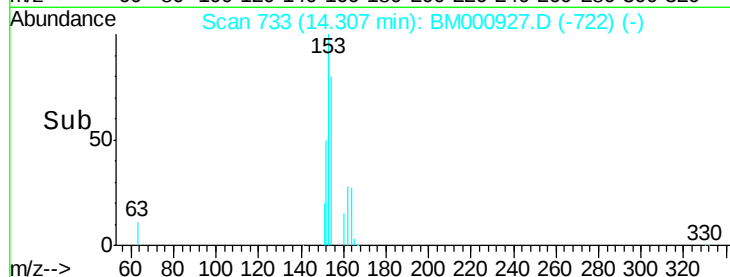
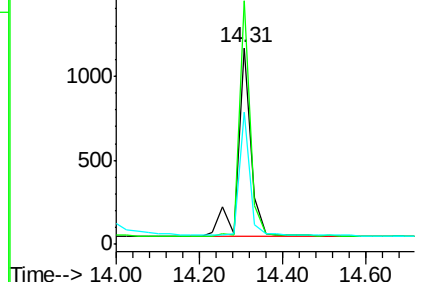
152 67.6 29.0 43.6#



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: 0.02 ng

RT: 14.41 min Scan# 737

Delta R.T. 0.01 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

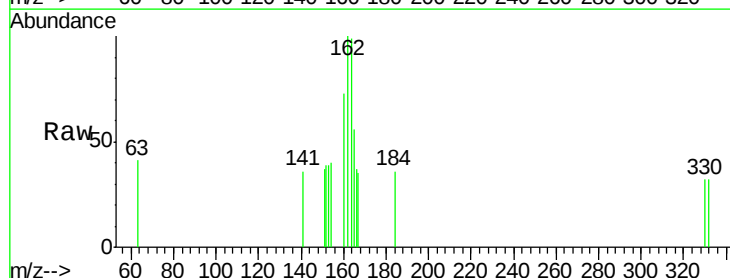
Tgt Ion:184 Resp: 31

Ion Ratio Lower Upper

184 100

63 115.4 39.0 58.4#

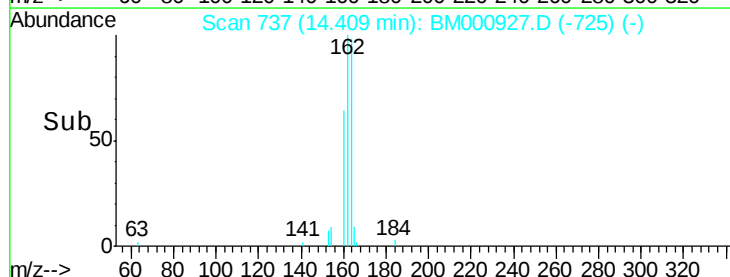
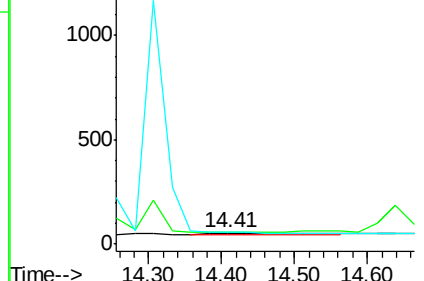
154 111.5 43.8 65.8#

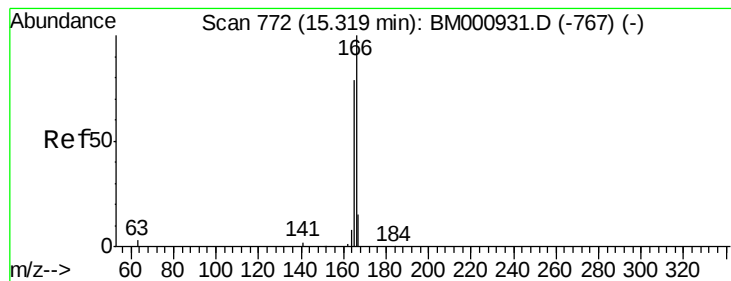


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#23

Fluorene

Concen: 0.03 ng

RT: 15.30 min Scan# 772

Delta R.T. -0.02 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

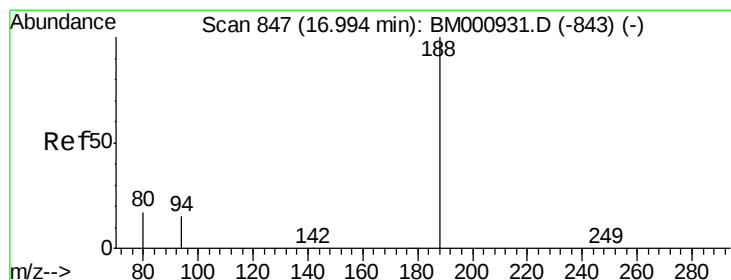
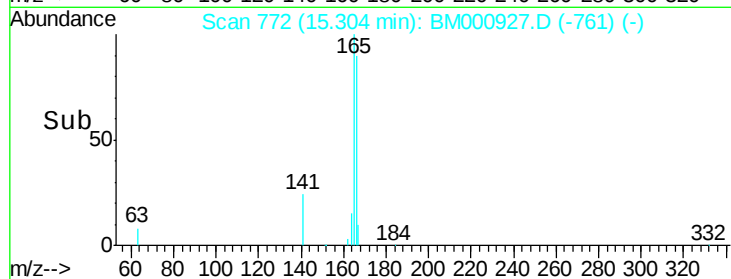
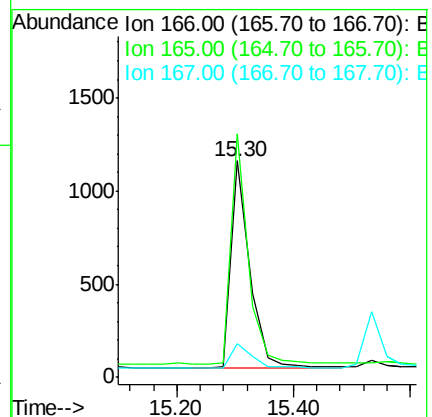
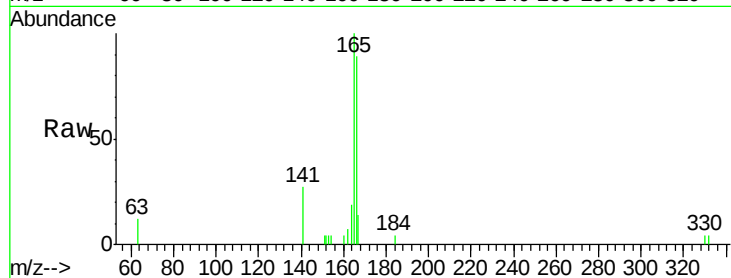
Tgt Ion:166 Resp: 2471

Ion Ratio Lower Upper

166 100

165 112.5 63.7 95.5#

167 15.5 12.7 19.1



#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.00 min Scan# 848

Delta R.T. 0.01 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

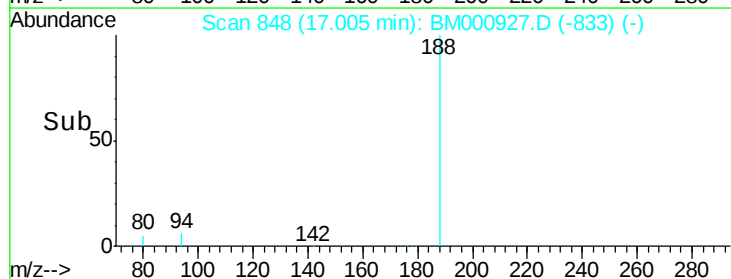
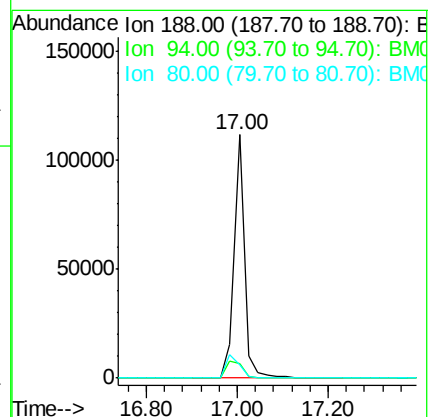
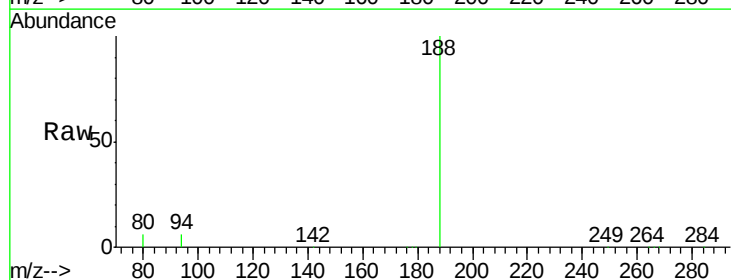
Tgt Ion:188 Resp: 175943

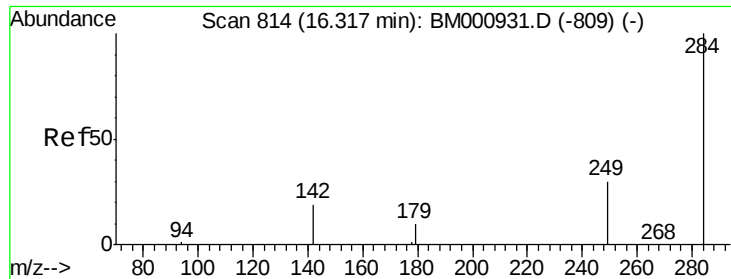
Ion Ratio Lower Upper

188 100

94 5.9 12.2 18.4#

80 5.5 13.4 20.0#

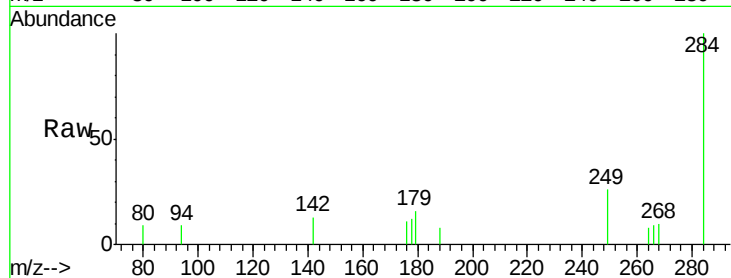




#25
Hexachlorobenzene
Concen: 0.04 ng
RT: 16.33 min Scan# 815
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

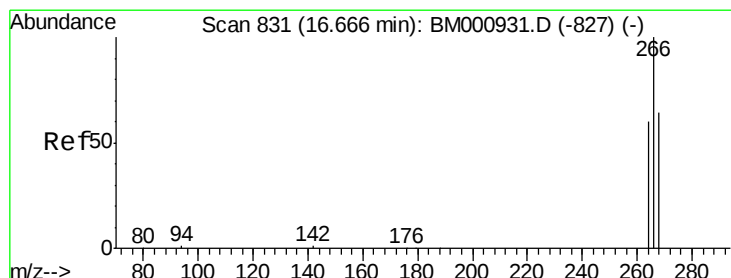
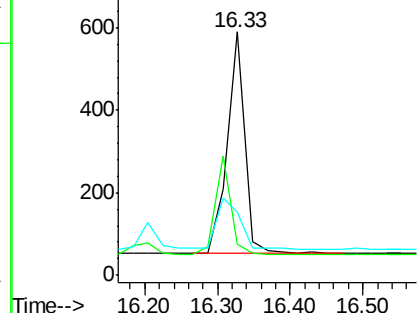
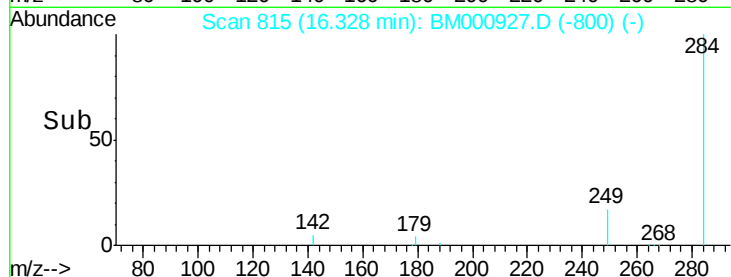
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

Tgt Ion: 284 Resp: 917
Ion Ratio Lower Upper
284 100
142 12.9 16.2 24.2#
249 25.8 27.4 41.2#



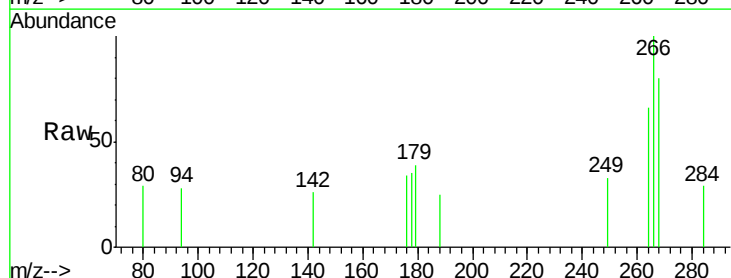
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

16.33



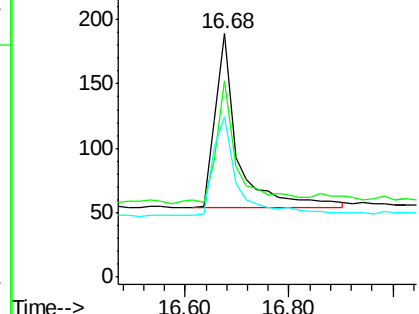
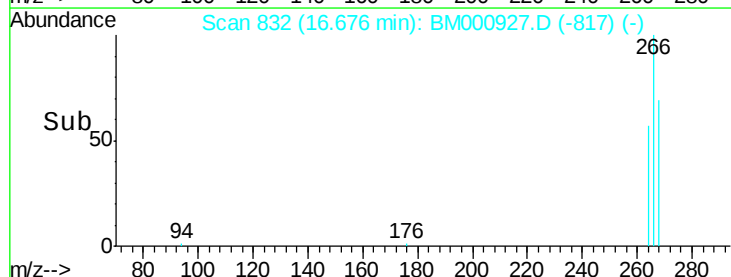
#26
Pentachlorophenol
Concen: 0.05 ng
RT: 16.68 min Scan# 832
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

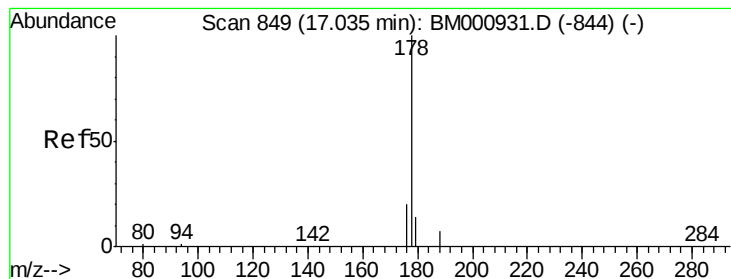
Tgt Ion: 266 Resp: 410
Ion Ratio Lower Upper
266 100
268 80.4 53.0 79.4#
264 66.1 49.4 74.0



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

16.68





#27

Phenanthrene

Concen: 0.04 ng

RT: 17.05 min Scan# 850

Delta R.T. 0.01 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

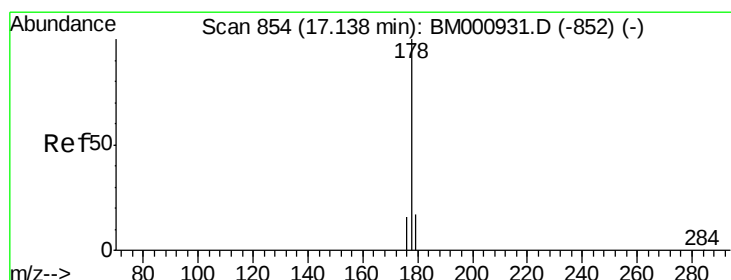
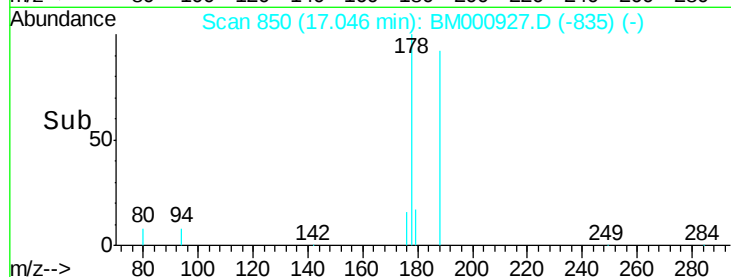
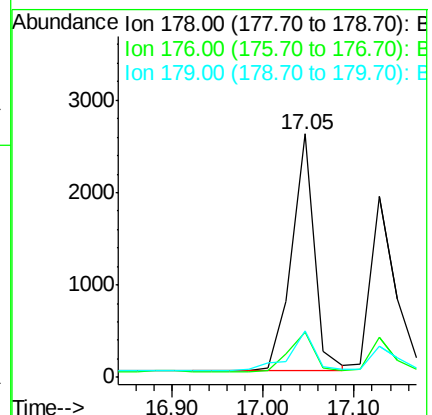
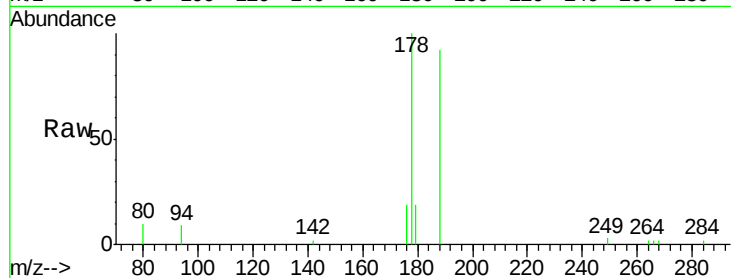
Tgt Ion:178 Resp: 4492

Ion Ratio Lower Upper

178 100

176 18.5 16.0 24.0

179 19.1 11.4 17.2#



#28

Anthracene

Concen: 0.04 ng

RT: 17.05 min Scan# 850

Delta R.T. -0.09 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

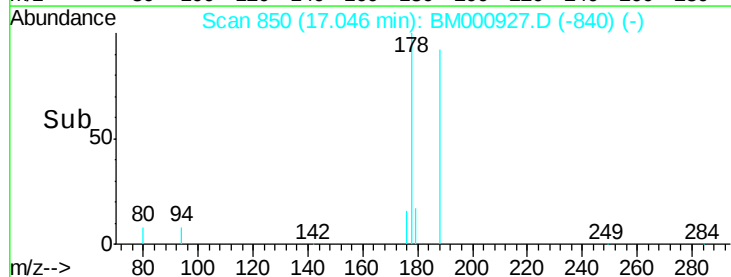
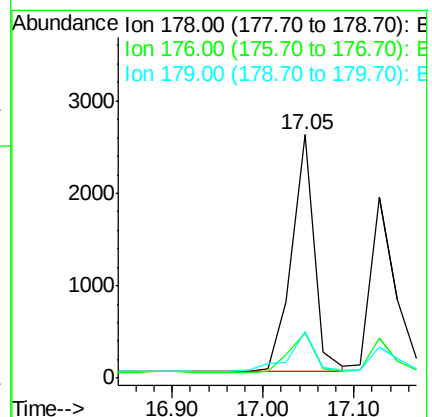
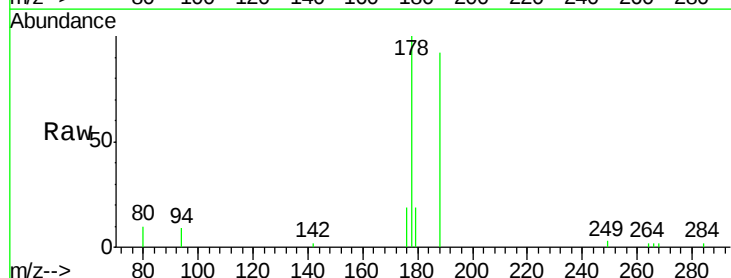
Tgt Ion:178 Resp: 4492

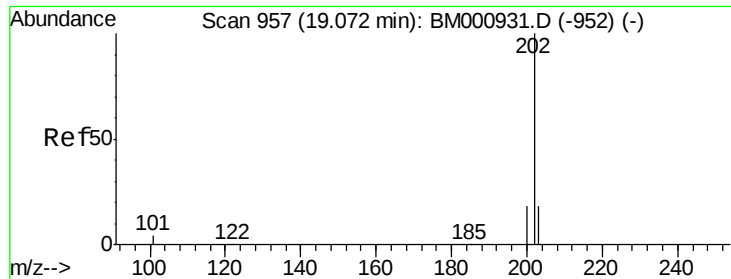
Ion Ratio Lower Upper

178 100

176 18.5 12.7 19.1

179 19.1 13.9 20.9

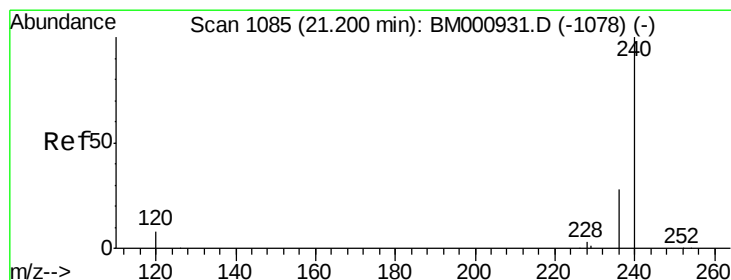
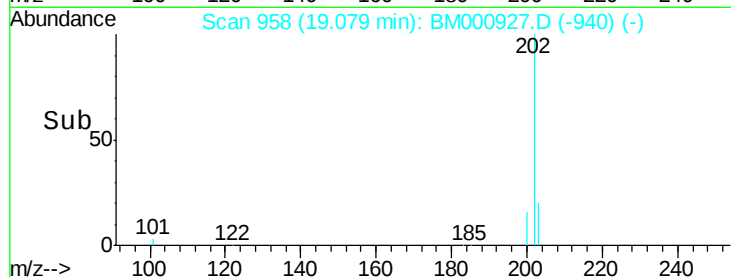
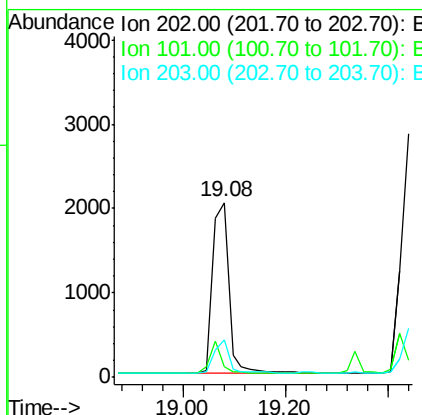
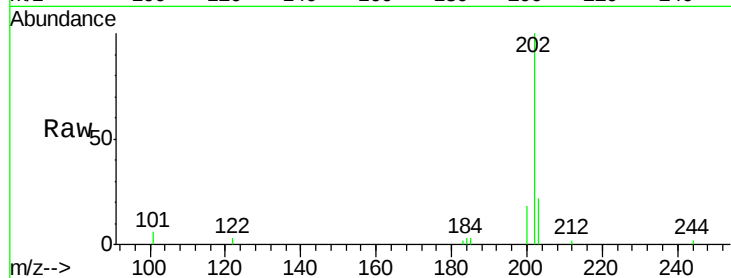




#29
Fluoranthene
Concen: 0.04 ng
RT: 19.08 min Scan# 958
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

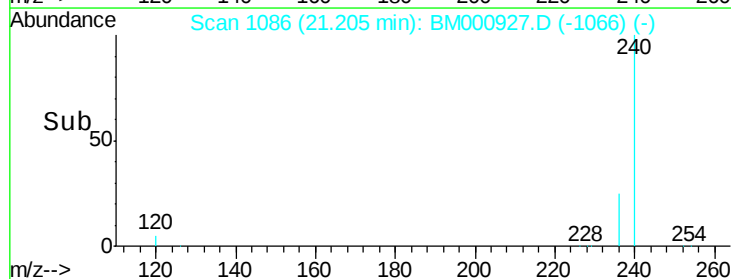
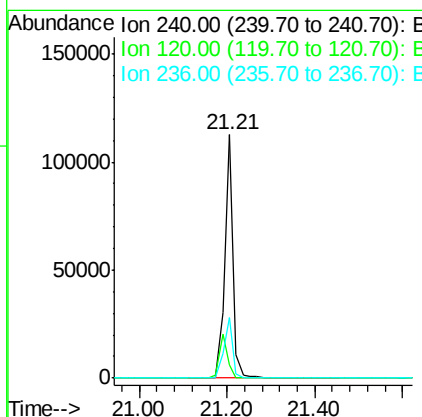
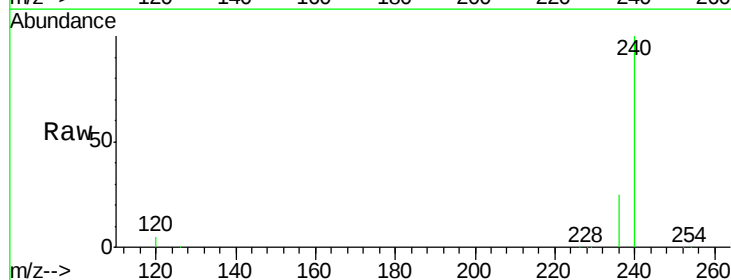
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

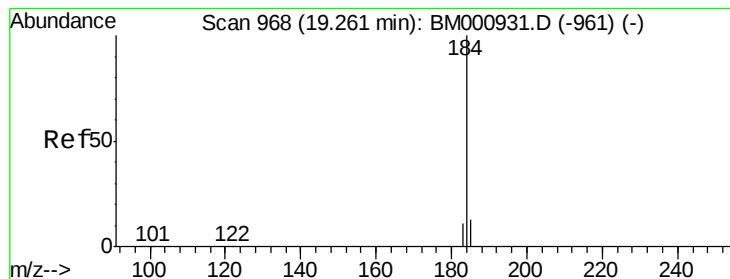
Tgt Ion:202 Resp: 4482
Ion Ratio Lower Upper
202 100
101 5.9 0.0 24.1
203 21.7 0.0 38.4



#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:240 Resp: 147559
Ion Ratio Lower Upper
240 100
120 5.3 6.8 10.2#
236 24.9 22.1 33.1





#31

Benzidine

Concen: 0.07 ng

RT: 19.27 min Scan# 969

Delta R.T. 0.01 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

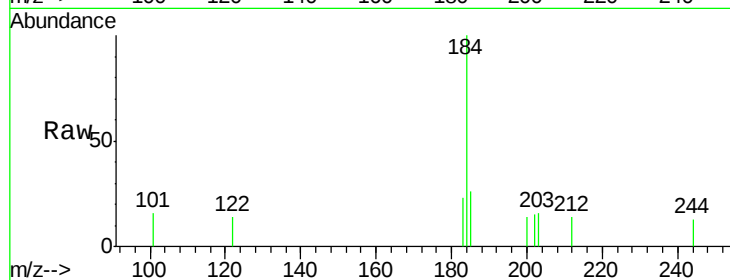
Tgt Ion:184 Resp: 1307

Ion Ratio Lower Upper

184 100

185 26.1 12.2 18.4#

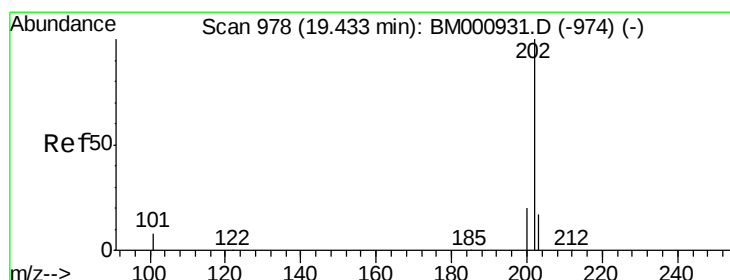
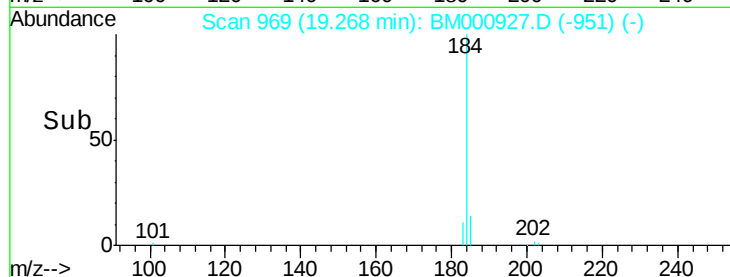
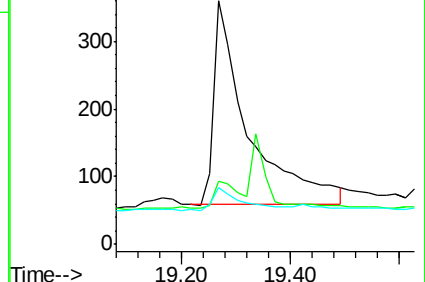
183 23.1 10.3 15.5#



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: 0.04 ng

RT: 19.44 min Scan# 979

Delta R.T. 0.01 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

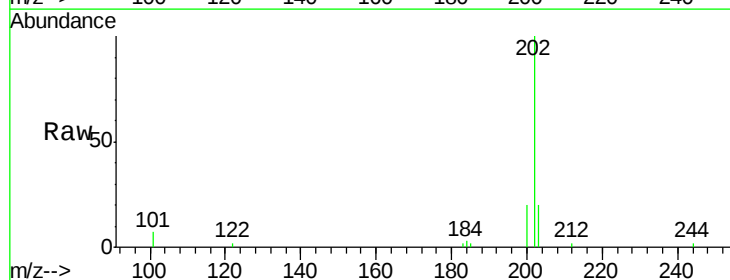
Tgt Ion:202 Resp: 4676

Ion Ratio Lower Upper

202 100

200 19.6 16.2 24.4

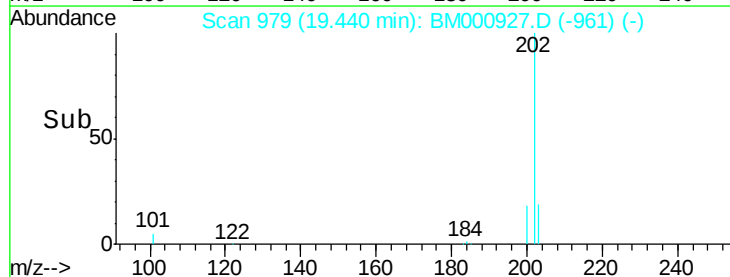
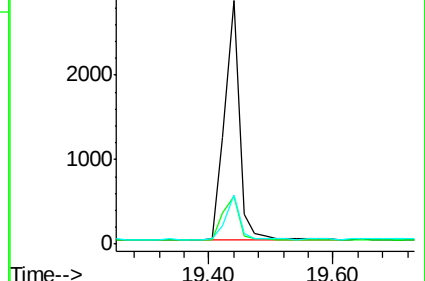
203 20.1 13.5 20.3

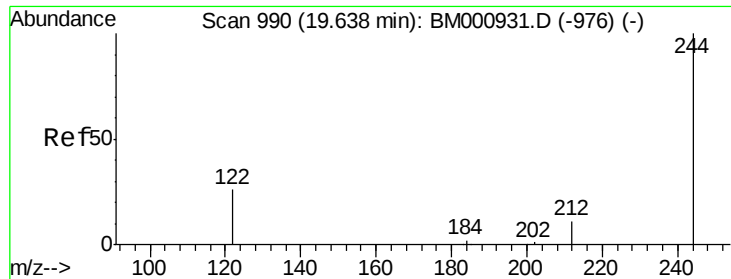


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

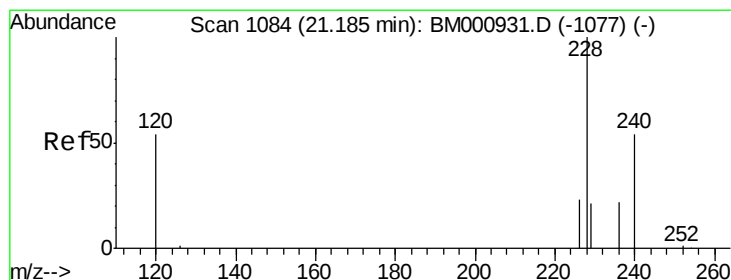
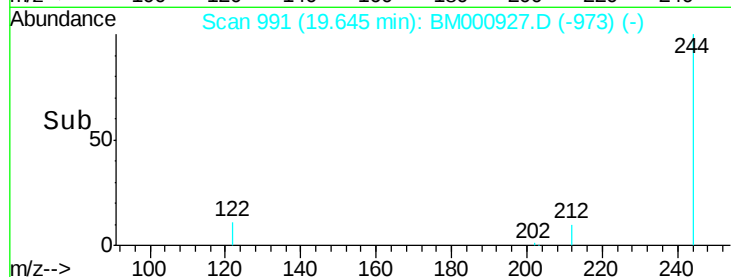
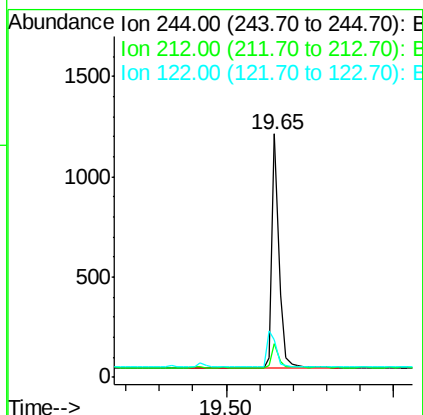
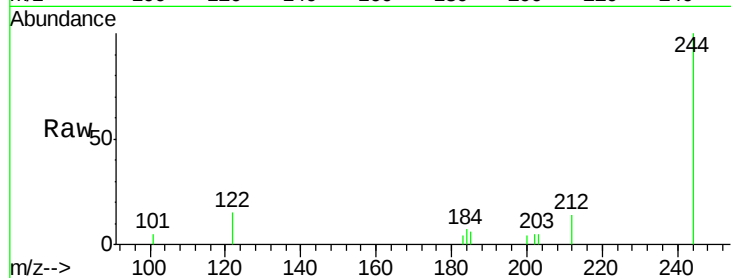




#33
 Terphenyl-d14
 Concen: 0.04 ng
 RT: 19.65 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BM000927.D
 Acq: 09 Apr 2015 18:25

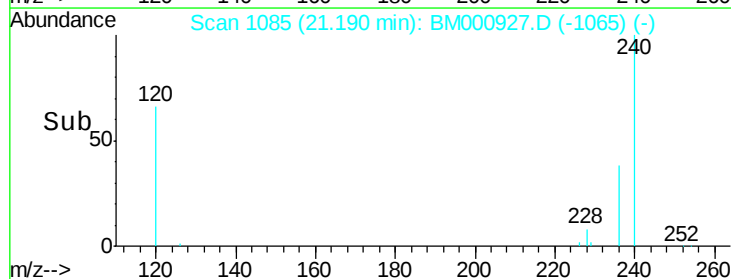
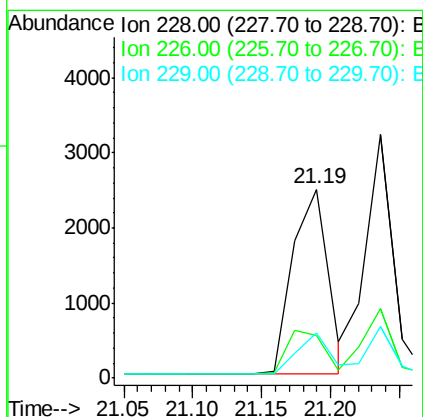
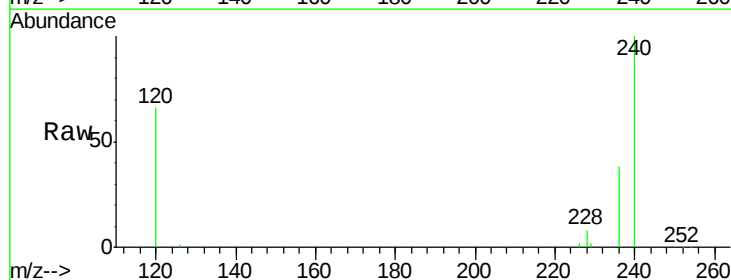
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

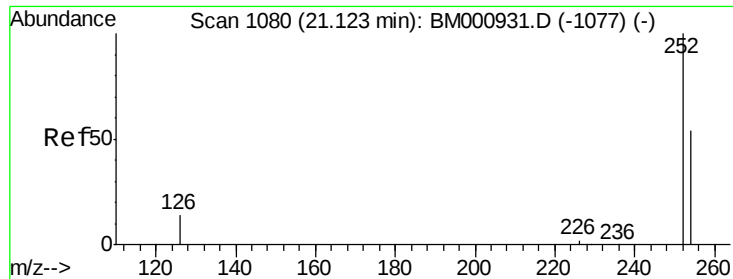
Tgt Ion:244 Resp: 1750
 Ion Ratio Lower Upper
 244 100
 212 13.8 9.4 14.0
 122 15.5 20.9 31.3#



#34
 Benzo(a)anthracene
 Concen: 0.04 ng
 RT: 21.19 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BM000927.D
 Acq: 09 Apr 2015 18:25

Tgt Ion:228 Resp: 4368
 Ion Ratio Lower Upper
 228 100
 226 22.8 18.9 28.3
 229 23.6 16.8 25.2

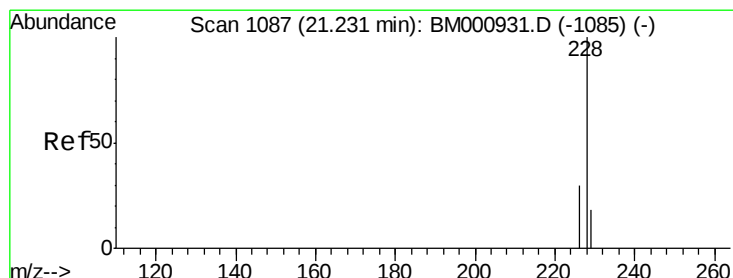
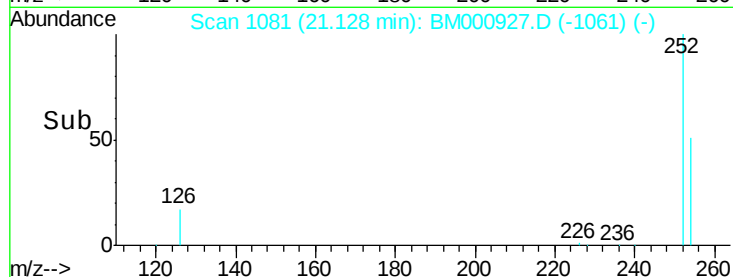
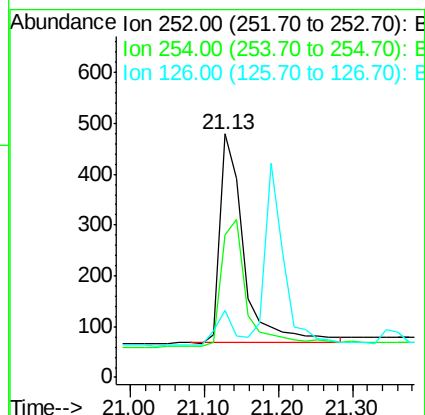
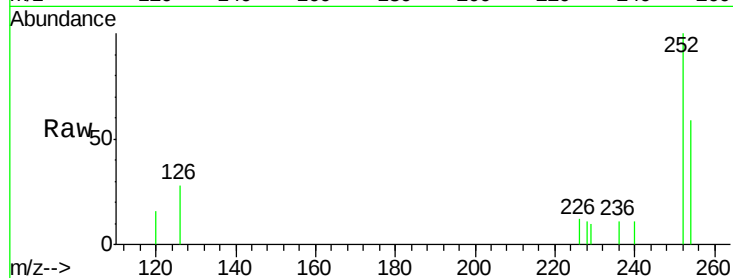




#35
 3,3'-Dichlorobenzidine
 Concen: 0.04 ng
 RT: 21.13 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: BM000927.D
 Acq: 09 Apr 2015 18:25

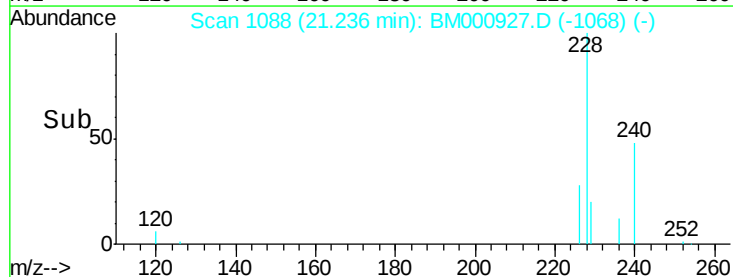
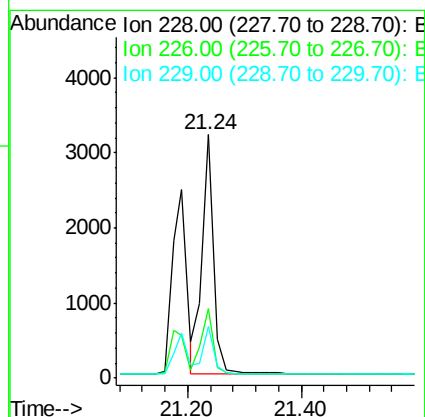
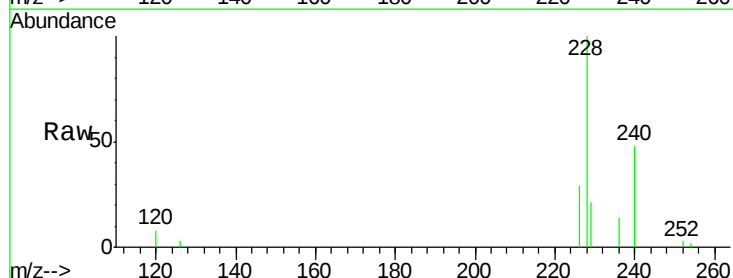
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

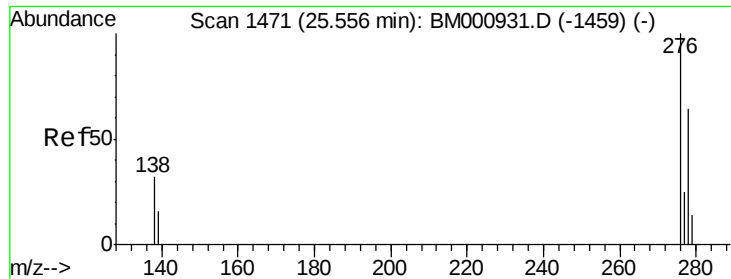
Tgt Ion: 252 Resp: 930
 Ion Ratio Lower Upper
 252 100
 254 58.7 43.4 65.2
 126 27.6 12.3 18.5#



#36
 Chrysene
 Concen: 0.04 ng
 RT: 21.24 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: BM000927.D
 Acq: 09 Apr 2015 18:25

Tgt Ion: 228 Resp: 4465
 Ion Ratio Lower Upper
 228 100
 226 28.7 23.4 35.2
 229 21.1 15.0 22.6

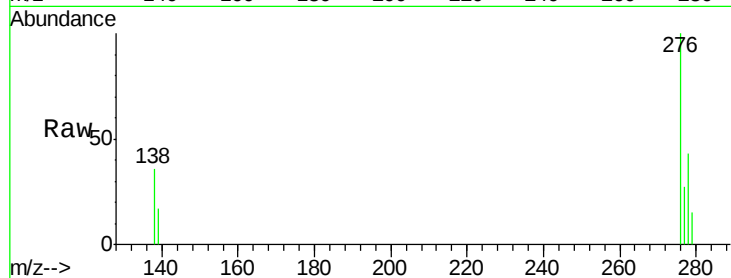




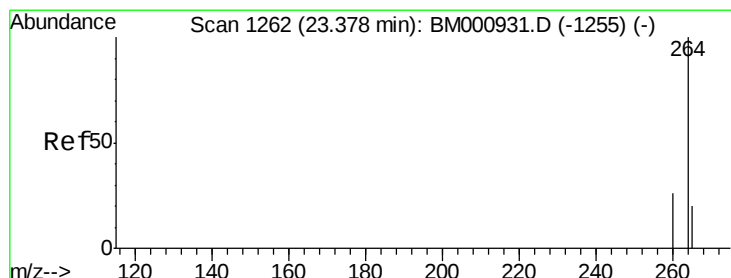
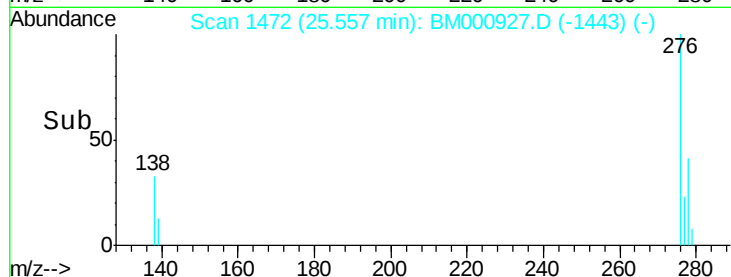
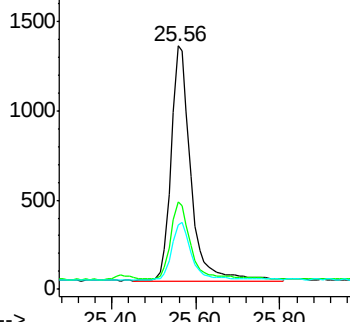
#37
 Indeno(1,2,3-cd)pyrene
 Concen: 0.04 ng
 RT: 25.56 min Scan# 1472
 Delta R.T. 0.00 min
 Lab File: BM000927.D
 Acq: 09 Apr 2015 18:25

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

Tgt Ion: 276 Resp: 4318
 Ion Ratio Lower Upper
 276 100
 138 33.6 26.6 40.0
 277 24.3 19.8 29.6

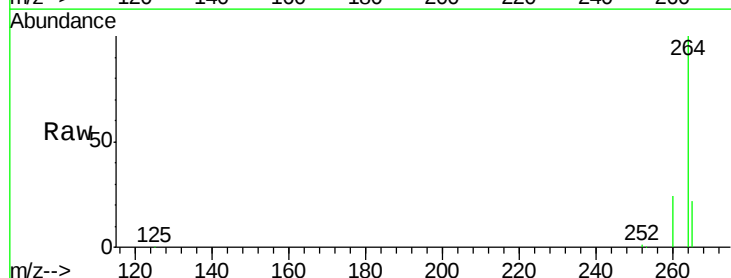


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

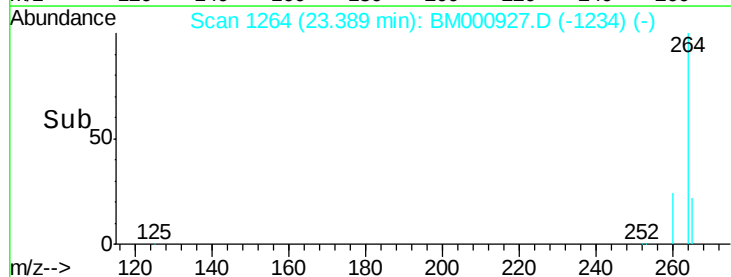
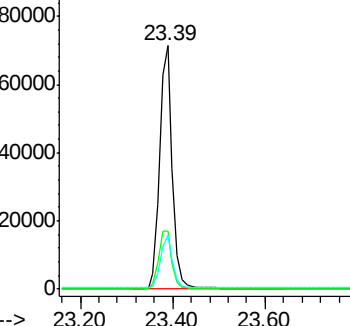


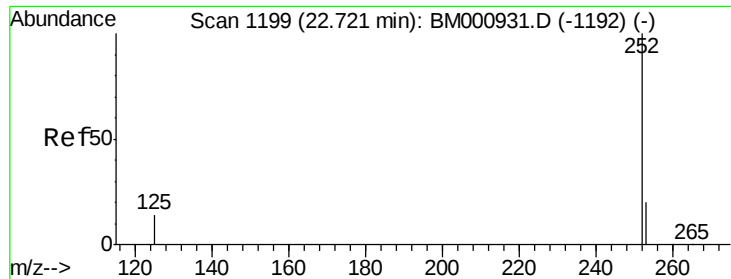
#38
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BM000927.D
 Acq: 09 Apr 2015 18:25

Tgt Ion: 264 Resp: 135923
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.6 30.8
 265 22.2 16.4 24.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#39

Benzo(b)fluoranthene

Concen: 0.04 ng

RT: 22.73 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

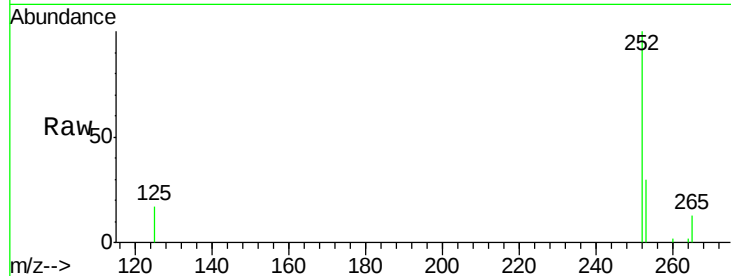
Tgt Ion:252 Resp: 4234

Ion Ratio Lower Upper

252 100

253 30.4 16.9 25.3#

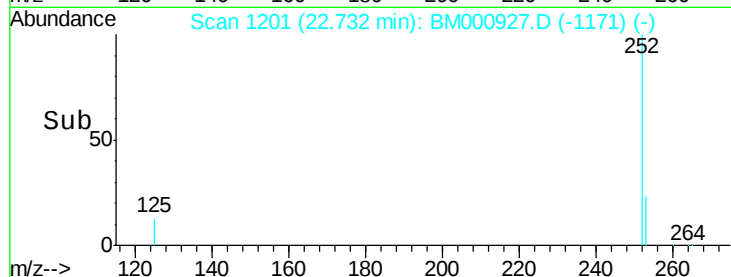
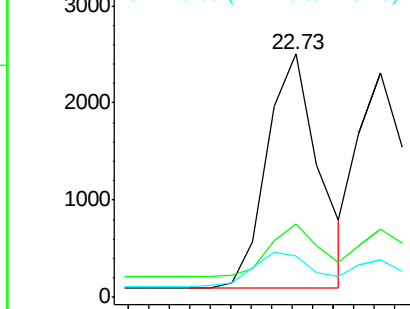
125 16.9 11.3 16.9



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: 0.04 ng

RT: 22.77 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

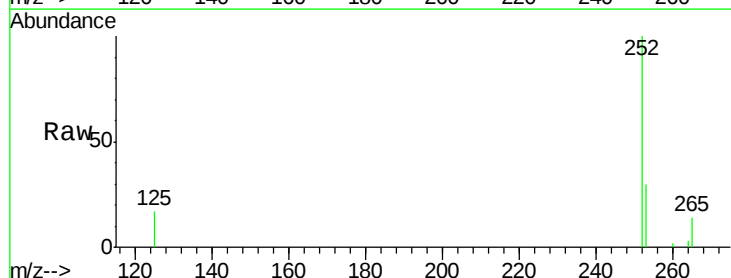
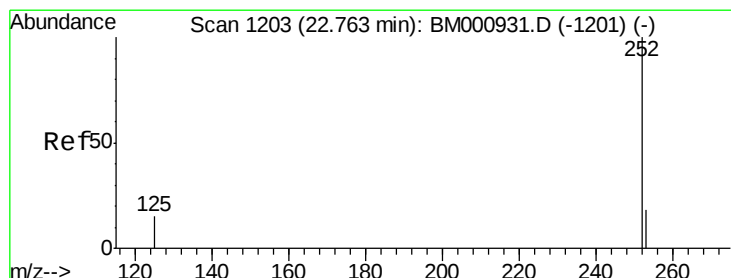
Tgt Ion:252 Resp: 3897

Ion Ratio Lower Upper

252 100

253 30.2 16.9 25.3#

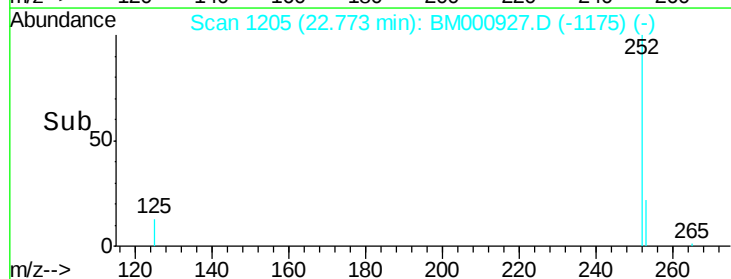
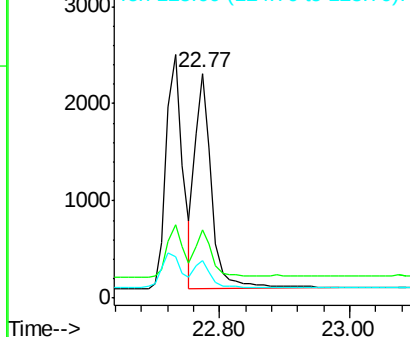
125 16.9 11.2 16.8#

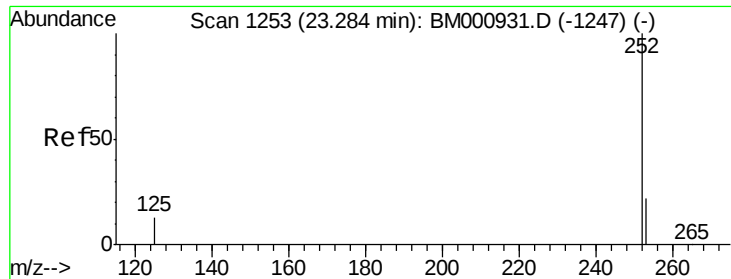


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#41

Benzo(a)pyrene

Concen: 0.04 ng

RT: 23.28 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

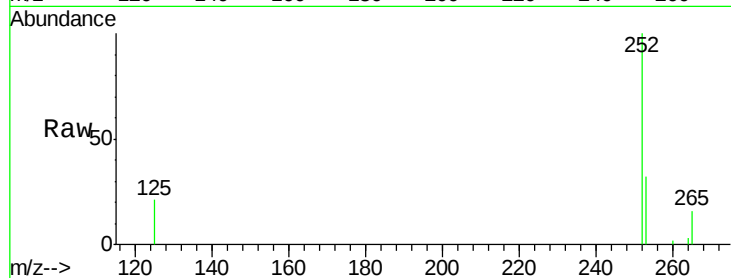
Tgt Ion:252 Resp: 3628

Ion Ratio Lower Upper

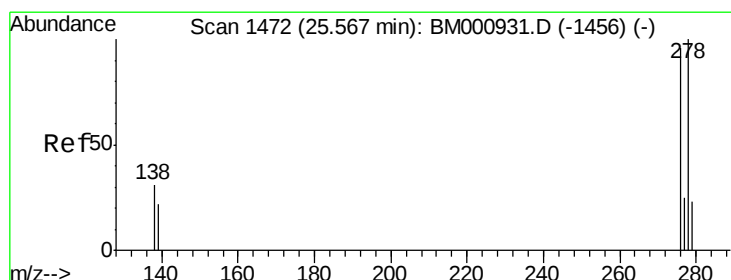
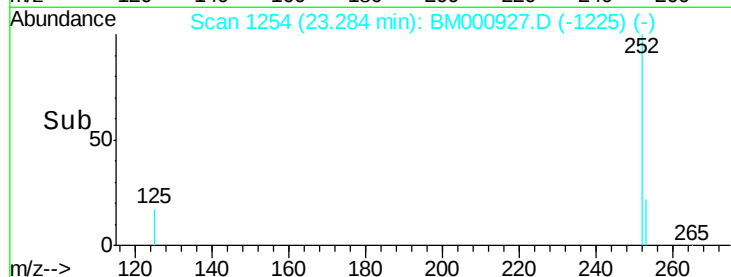
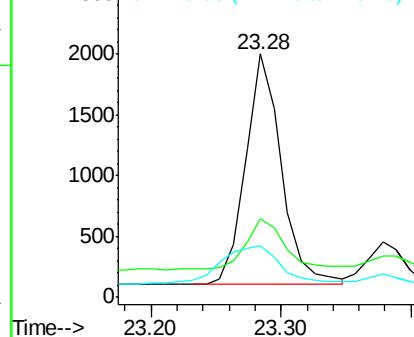
252 100

253 32.0 19.0 28.4#

125 21.3 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: 0.04 ng

RT: 25.58 min Scan# 1474

Delta R.T. 0.01 min

Lab File: BM000927.D

Acq: 09 Apr 2015 18:25

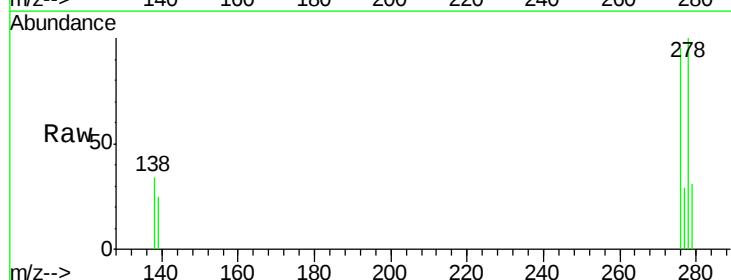
Tgt Ion:278 Resp: 3280

Ion Ratio Lower Upper

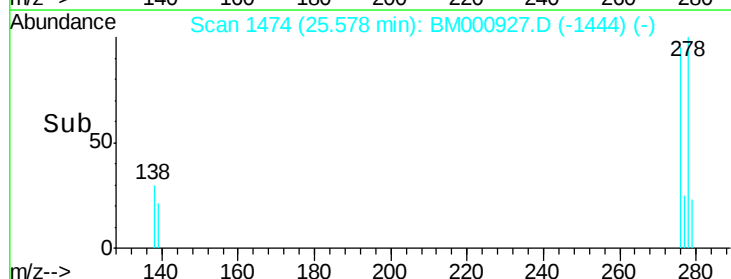
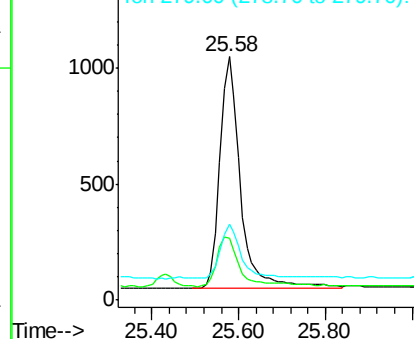
278 100

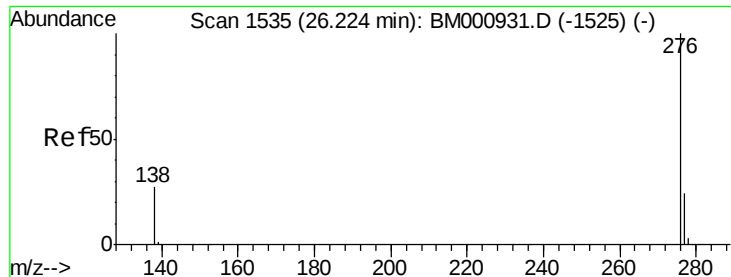
139 25.4 17.8 26.8

279 31.1 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: 0.04 ng

RT: 26.22 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BM000927.D

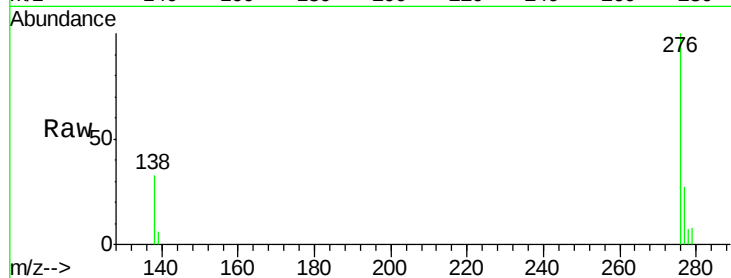
Acq: 09 Apr 2015 18:25

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1



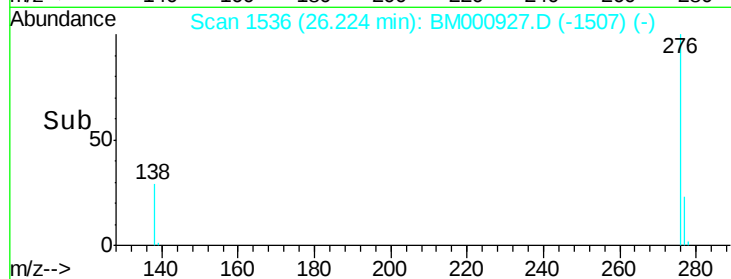
Tgt Ion: 276 Resp: 3780

Ion Ratio Lower Upper

276 100

277 26.9 19.4 29.0

138 32.6 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

