

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010816\
 Data File : BM003927.D
 Acq On : 08 Jan 2016 17:58
 Operator : SJ/UM
 Sample : PB87669BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87669BSD

Quant Time: Jan 09 00:29:54 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM010216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 13:33:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	46798	5.00	ng	0.00
7) Naphthalene-d8	10.46	136	196971	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	96954	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	243598	5.00	ng	0.00
26) Chrysene-d12	21.27	240	149009	5.00	ng	0.00
35) Perylene-d12	23.52	264	106433	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	76202	7.96	ng	0.00
5) Phenol-d6	6.85	99	101159	8.63	ng	0.00
8) Nitrobenzene-d5	8.83	82	43886	4.53	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	21521	7.41	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	141440	4.52	ng	0.00
29) Terphenyl-d14	19.71	244	96044	3.98	ng	-0.02

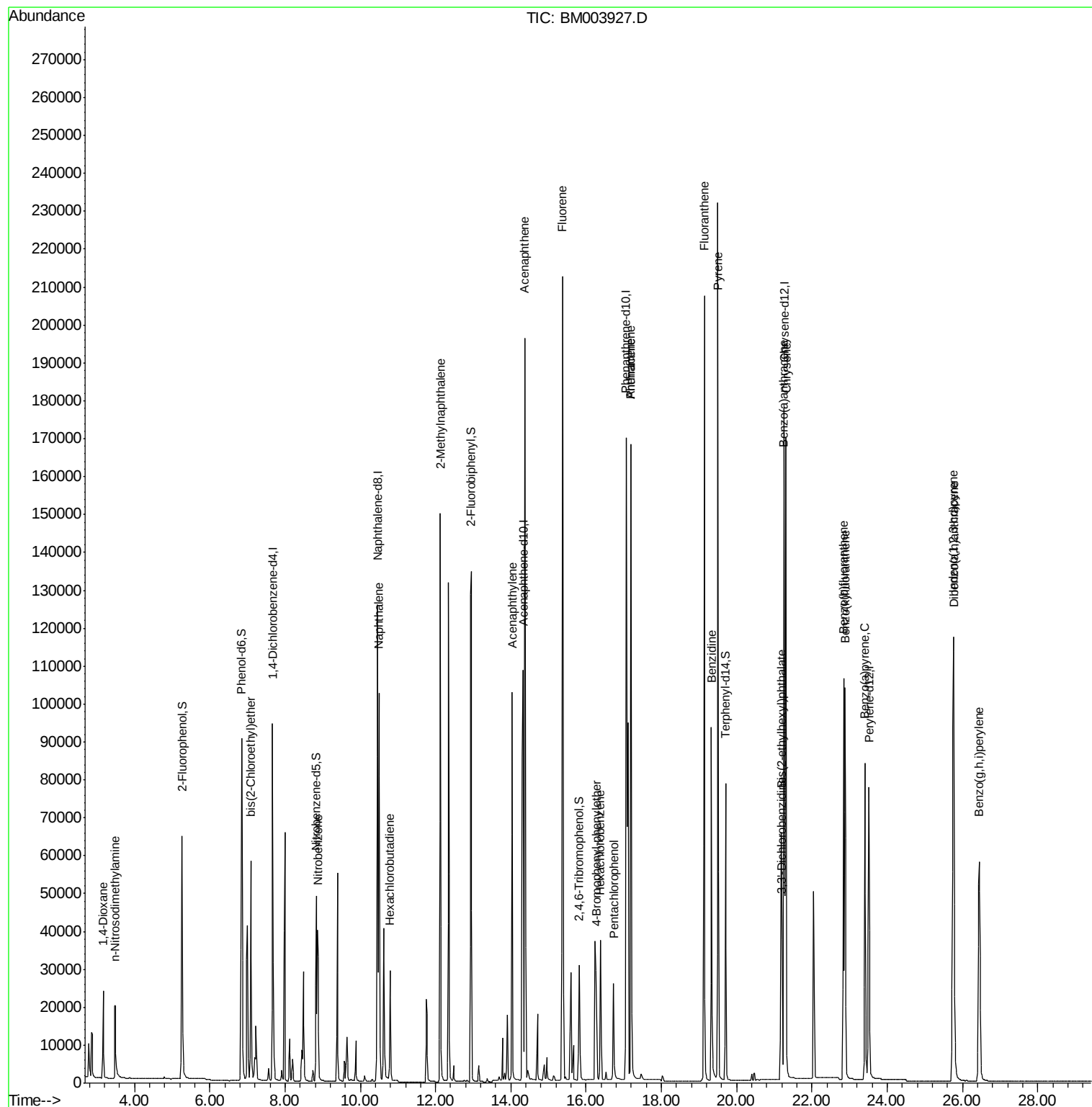
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	15953	4.06	ng	97
3) n-Nitrosodimethylamine	3.48	42	19133	3.95	ng	94
6) bis(2-Chloroethyl)ether	7.09	93	44418	4.15	ng	99
9) Nitrobenzene	8.87	77	44323	4.24	ng	99
10) Naphthalene	10.49	128	167380	3.88	ng	99
11) Hexachlorobutadiene	10.78	225	24794	3.77	ng	99
12) 2-Methylnaphthalene	12.12	142	114379	3.93	ng	91
16) Acenaphthylene	14.04	152	172580	4.27	ng	99
17) Acenaphthene	14.37	154	112908	4.00	ng	96
18) Fluorene	15.37	166	139028	4.13	ng	97
20) 4-Bromophenyl-phenylether	16.27	248	27594	3.67	ng	# 58
21) Hexachlorobenzene	16.37	284	28975	3.62	ng	# 62
22) Pentachlorophenol	16.73	266	21181	6.39	ng	# 85
23) Phenanthrene	17.19	178	208745	4.69	ng	99
24) Anthracene	17.19	178	214411	4.37	ng	97
25) Fluoranthene	19.14	202	204206	3.77	ng	99
27) Benzidine	19.33	184	126934	6.53	ng	96
28) Pyrene	19.50	202	217881	4.07	ng	100
30) Benzo(a)anthracene	21.25	228	170278	4.02	ng	# 82
31) 3,3'-Dichlorobenzidine	21.21	252	39221	3.05	ng	# 87
32) Chrysene	21.31	228	145982	3.32	ng	92
33) Bis(2-ethylhexyl)phthalate	21.19	149	55299	2.36	ng	# 91
34) Indeno(1,2,3-cd)pyrene	25.76	276	130517	4.14	ng	98
36) Benzo(b)fluoranthene	22.84	252	136613	4.20	ng	98
37) Benzo(k)fluoranthene	22.88	252	124092	3.94	ng	98
38) Benzo(a)pyrene	23.41	252	120542	4.35	ng	99
39) Dibenzo(a,h)anthracene	25.77	278	105997	4.48	ng	97
40) Benzo(g,h,i)perylene	26.44	276	115742	4.62	ng	98

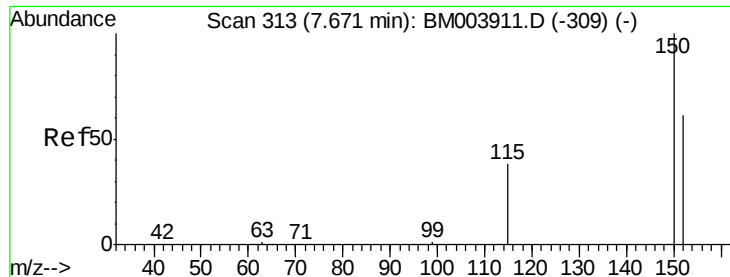
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010816\
Data File : BM003927.D
Acq On : 08 Jan 2016 17:58
Operator : SJ/UM
Sample : PB87669BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87669BSD

Quant Time: Jan 09 00:29:54 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM010216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 13:33:21 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.67 min Scan# 313

Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_F

ClientSampleId :

PB87669BSD

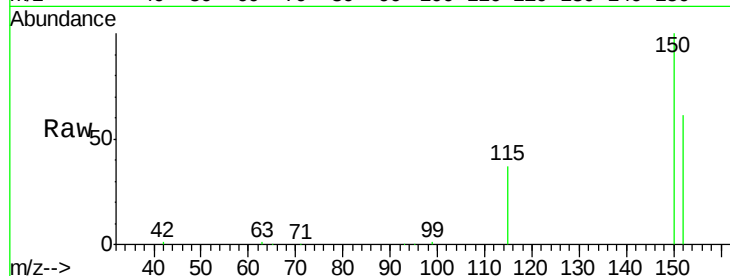
Tgt Ion:152 Resp: 46798

Ion Ratio Lower Upper

152 100

150 162.8 122.9 184.3

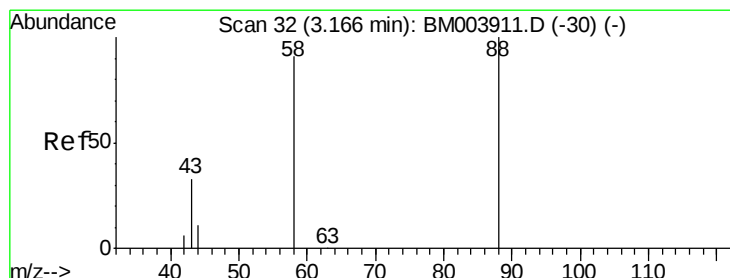
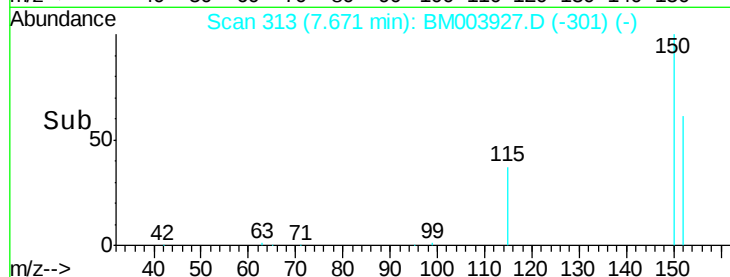
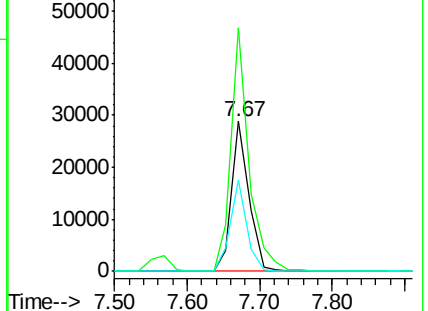
115 60.8 44.4 66.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 4.06 ng

RT: 3.17 min Scan# 32

Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

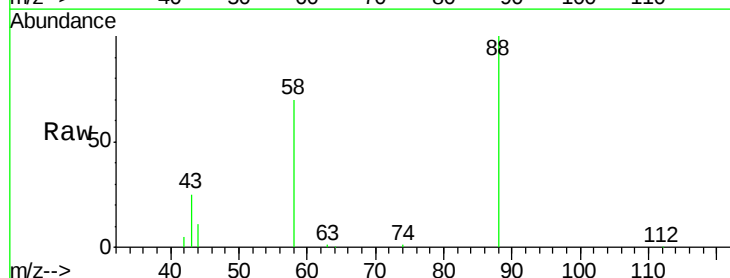
Tgt Ion: 88 Resp: 15953

Ion Ratio Lower Upper

88 100

58 70.5 53.8 80.6

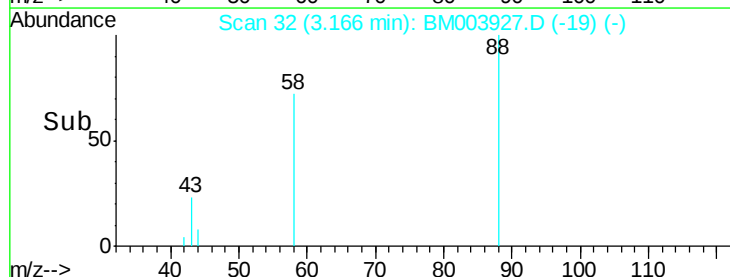
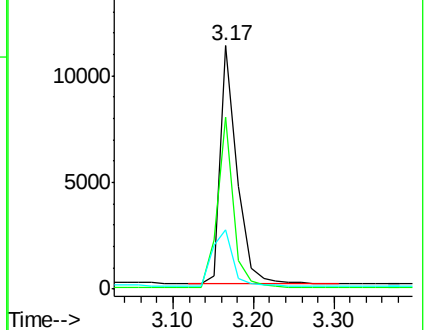
43 30.4 23.8 35.6

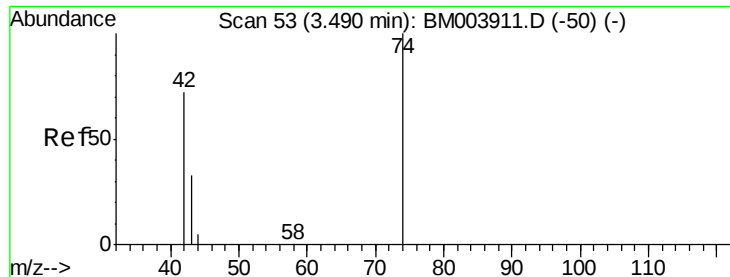


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 3.95 ng

RT: 3.48 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_F

ClientSampleId :

PB87669BSD

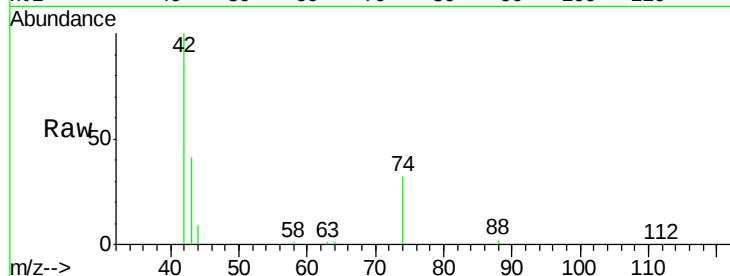
Tgt Ion: 42 Resp: 19133

Ion Ratio Lower Upper

42 100

74 111.9 95.0 142.4

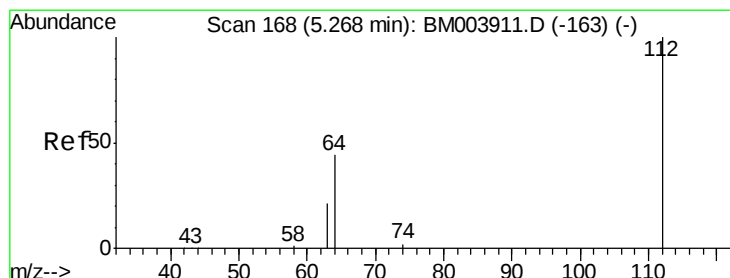
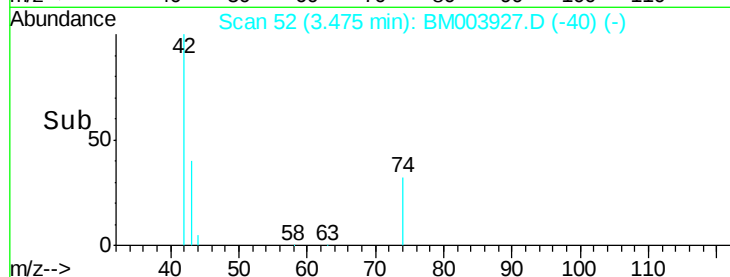
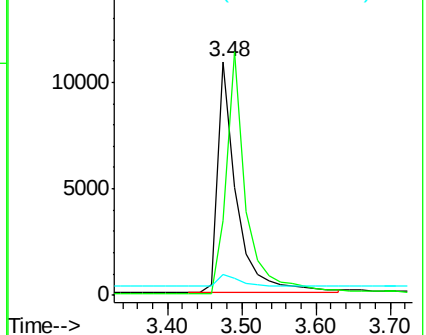
44 6.4 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BM003911.D (-50) (-)

Ion 74.00 (73.70 to 74.70): BM003911.D (-50) (-)

Ion 44.00 (43.70 to 44.70): BM003911.D (-50) (-)



#4

2-Fluorophenol

Concen: 7.96 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

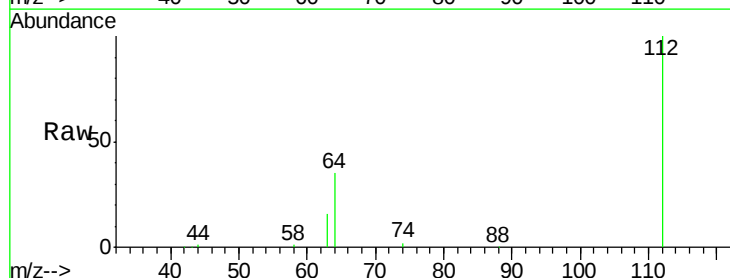
Tgt Ion: 112 Resp: 76202

Ion Ratio Lower Upper

112 100

64 52.5 41.8 62.8

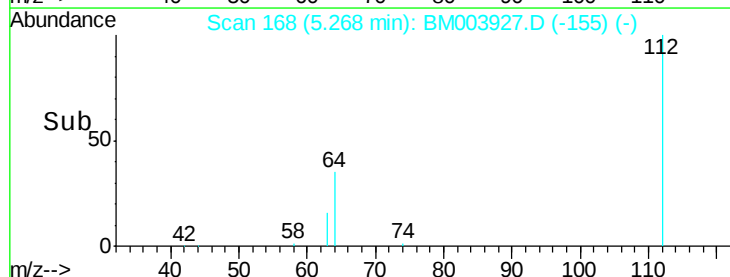
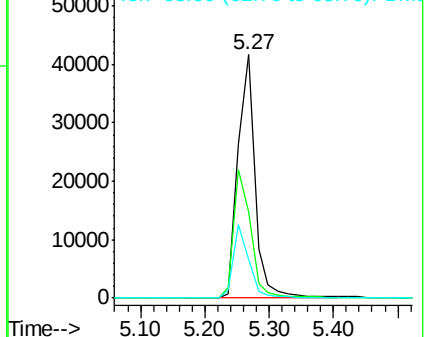
63 27.8 22.1 33.1

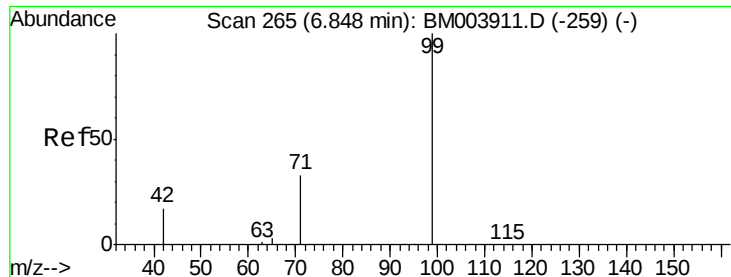


Abundance Ion 112.00 (111.70 to 112.70): BM003911.D (-163) (-)

Ion 64.00 (63.70 to 64.70): BM003911.D (-163) (-)

Ion 63.00 (62.70 to 63.70): BM003911.D (-163) (-)





#5

Phenol-d6

Concen: 8.63 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_F

ClientSampleId :

PB87669BSD

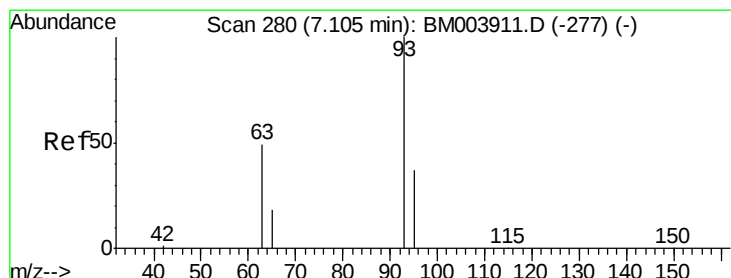
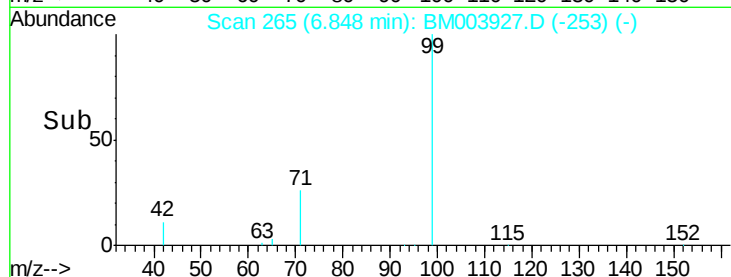
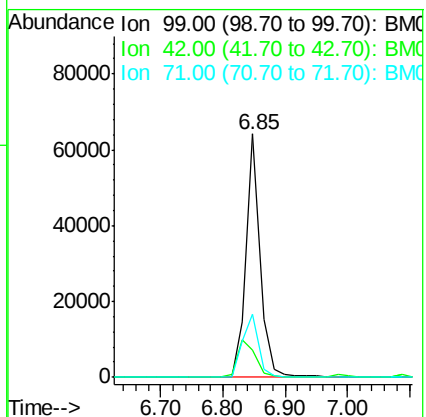
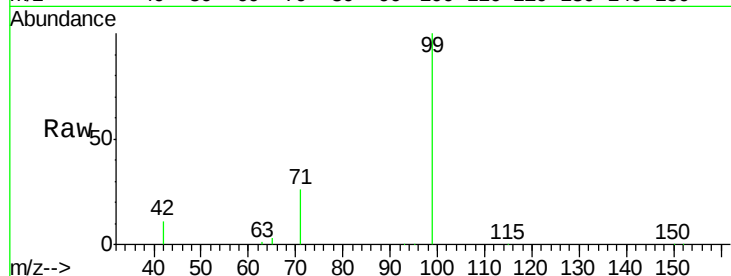
Tgt Ion: 99 Resp: 101159

Ion Ratio Lower Upper

99 100

42 19.4 16.2 24.2

71 30.1 24.4 36.6



#6

bis(2-Chloroethyl)ether

Concen: 4.15 ng

RT: 7.09 min Scan# 279

Delta R.T. -0.02 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

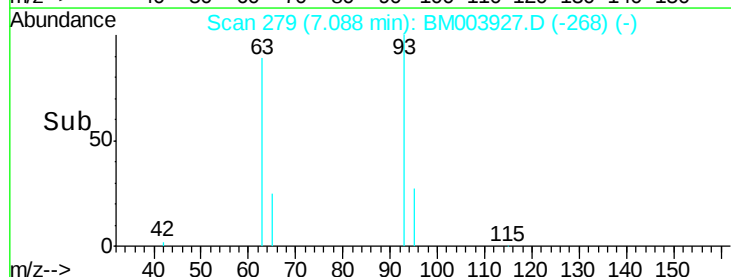
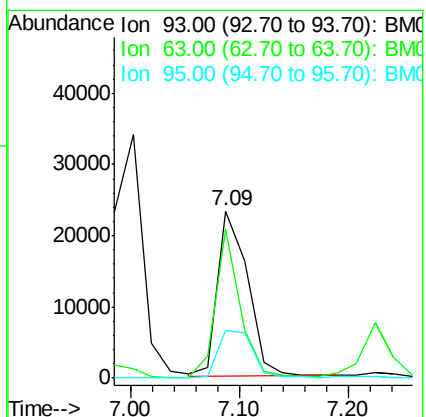
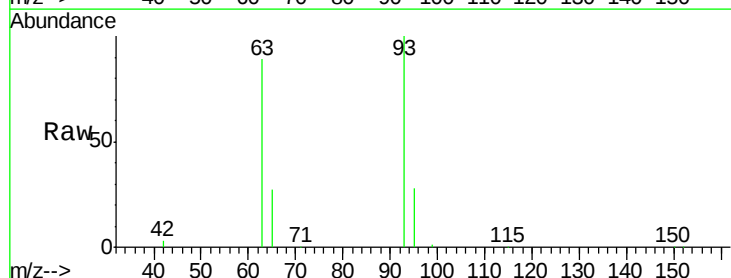
Tgt Ion: 93 Resp: 44418

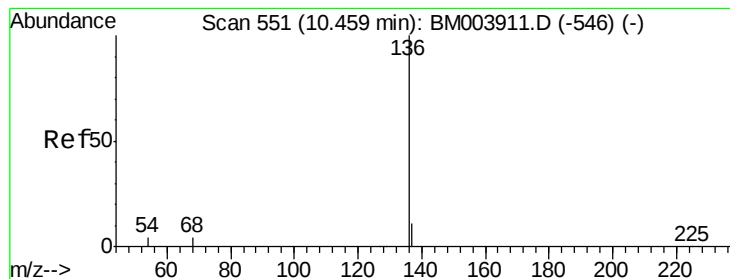
Ion Ratio Lower Upper

93 100

63 73.9 58.3 87.5

95 32.7 25.8 38.8





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_F

ClientSampleId :

PB87669BSD

Tgt Ion:136 Resp: 196971

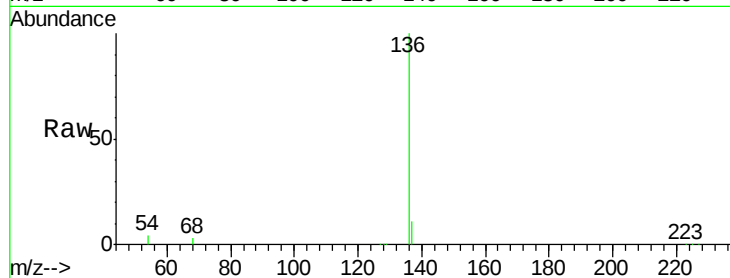
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 4.1 2.8 4.2

68 3.5 2.5 3.7

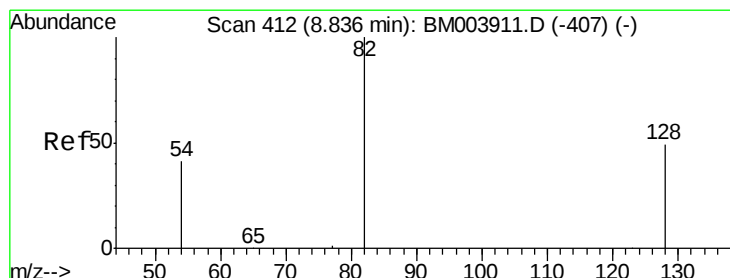
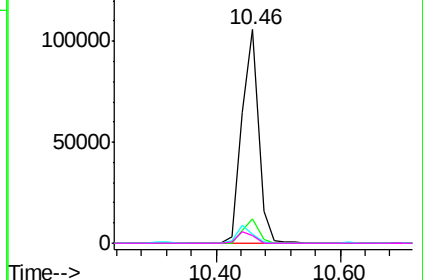
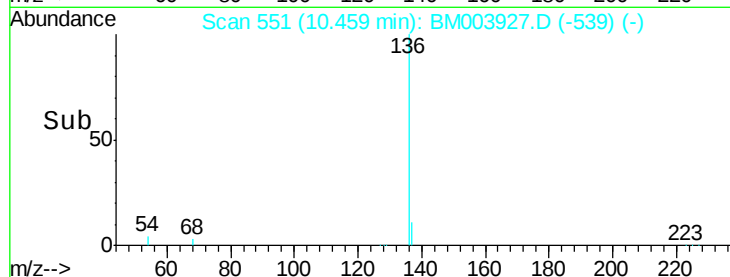


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 4.53 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.01 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

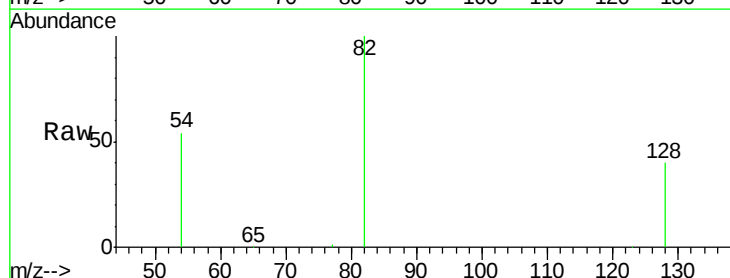
Tgt Ion: 82 Resp: 43886

Ion Ratio Lower Upper

82 100

128 40.5 39.1 58.7

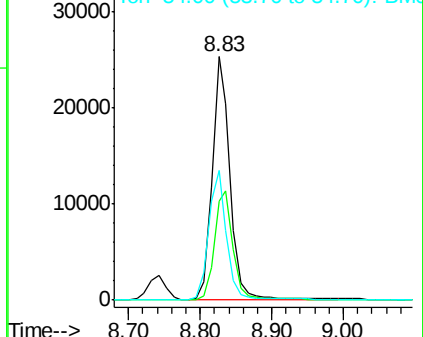
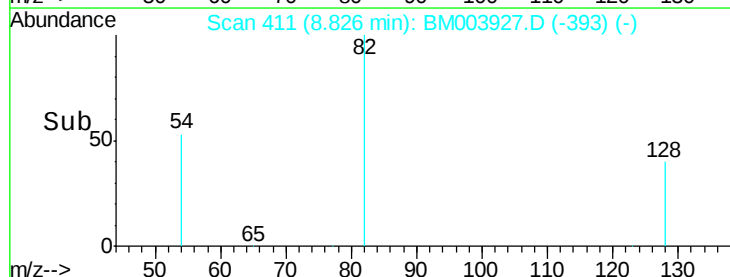
54 53.5 34.8 52.2#

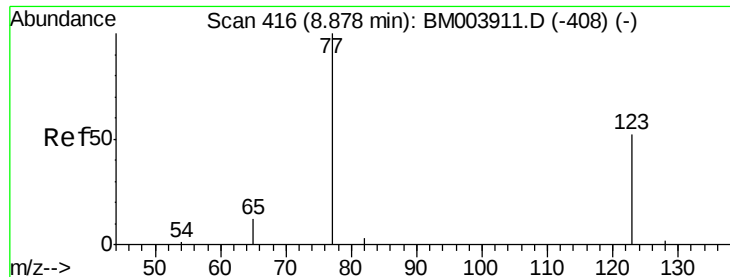


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 4.24 ng

RT: 8.87 min Scan# 415

Delta R.T. -0.01 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_F

ClientSampleId :

PB87669BSD

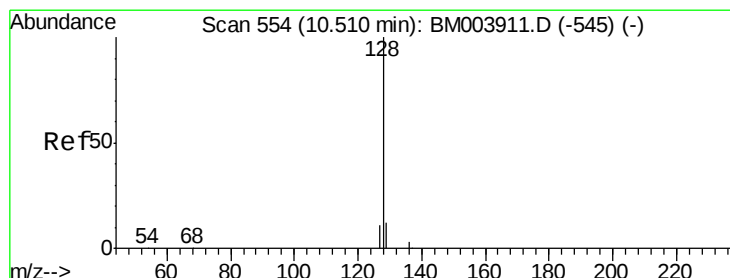
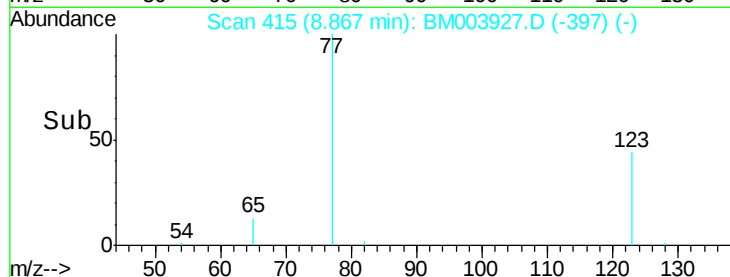
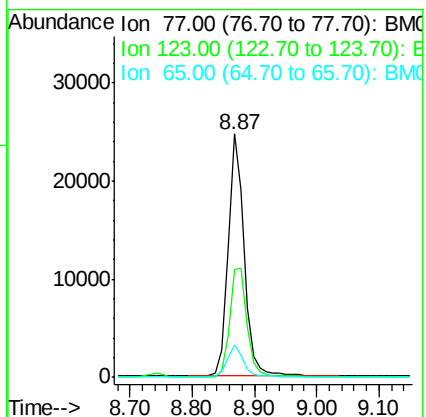
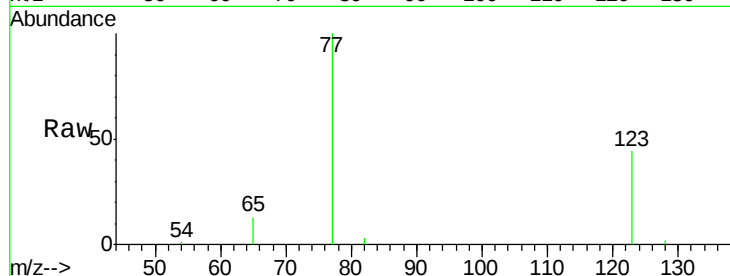
Tgt Ion: 77 Resp: 44323

Ion Ratio Lower Upper

77 100

123 49.1 38.6 57.8

65 12.8 9.9 14.9



#10

Naphthalene

Concen: 3.88 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.02 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

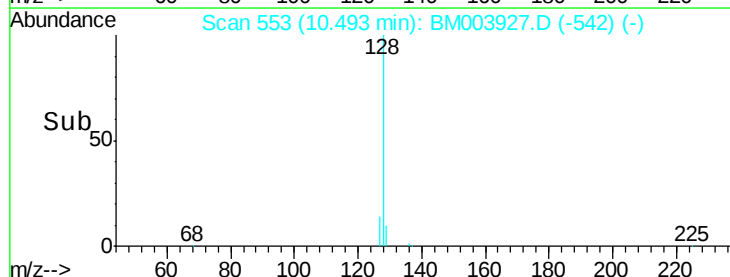
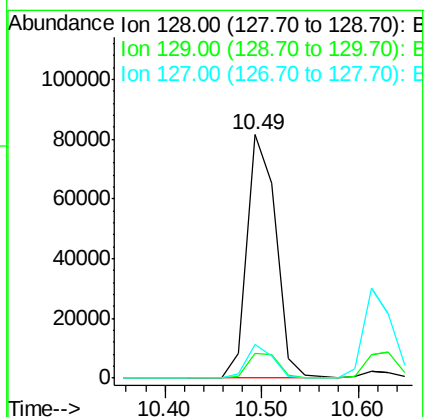
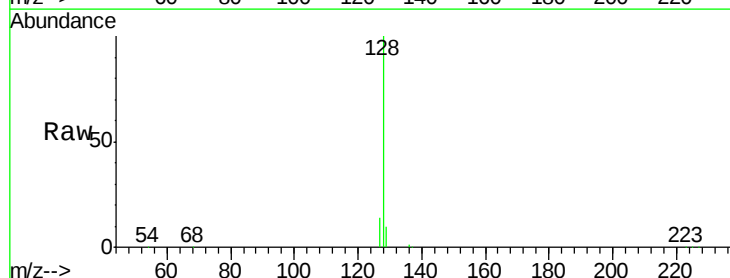
Tgt Ion: 128 Resp: 167380

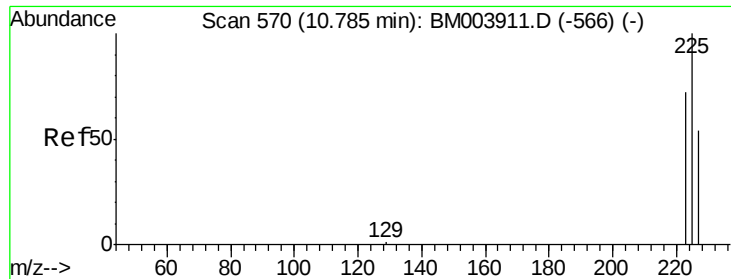
Ion Ratio Lower Upper

128 100

129 10.2 8.5 12.7

127 14.0 11.0 16.4

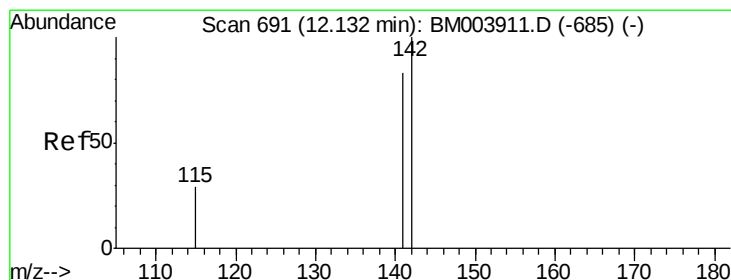
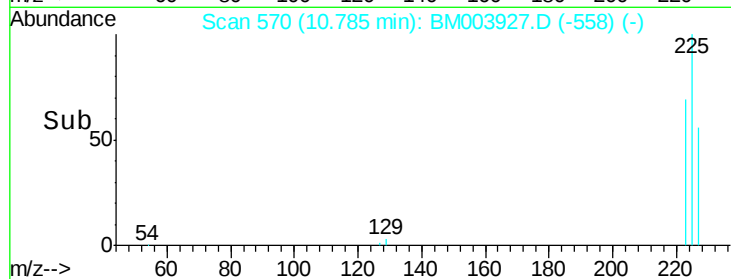
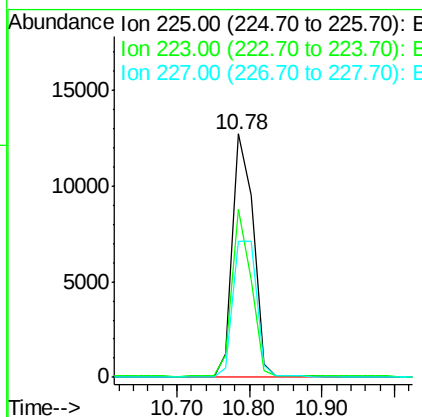
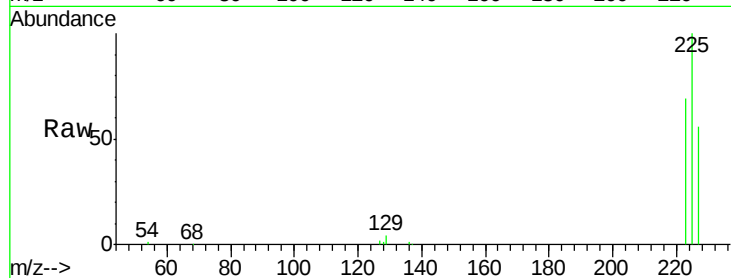




#11
Hexachlorobutadiene
Concen: 3.77 ng
RT: 10.78 min Scan# 570
Delta R.T. 0.00 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

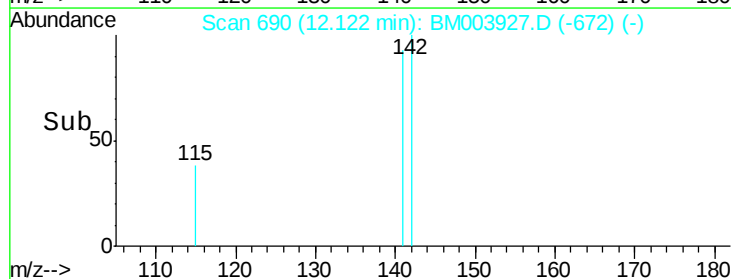
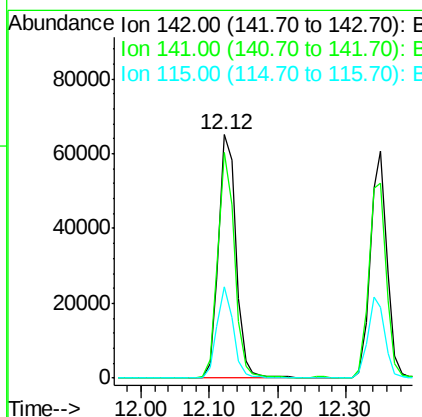
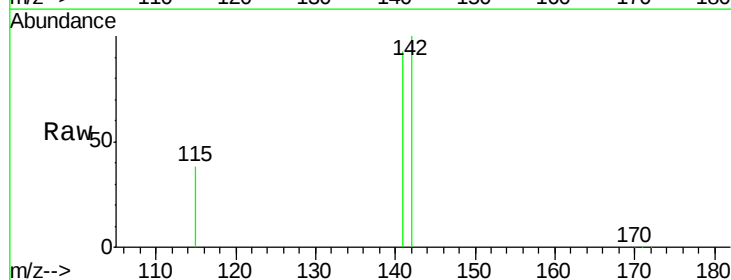
Instrument :
BNA_F
ClientSampleId :
PB87669BSD

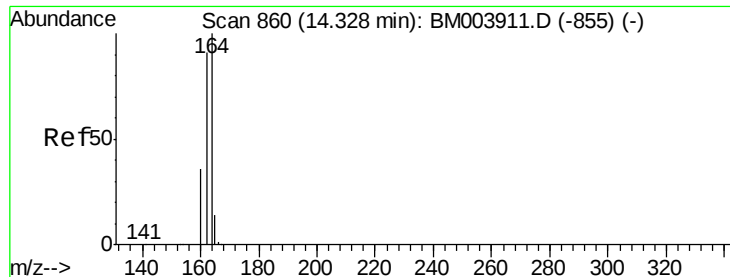
Tgt Ion: 225 Resp: 24794
Ion Ratio Lower Upper
225 100
223 63.2 50.9 76.3
227 63.5 51.2 76.8



#12
2-Methylnaphthalene
Concen: 3.93 ng
RT: 12.12 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

Tgt Ion: 142 Resp: 114379
Ion Ratio Lower Upper
142 100
141 92.9 67.8 101.8
115 37.6 25.3 37.9





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. -0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_F

ClientSampleId :

PB87669BSD

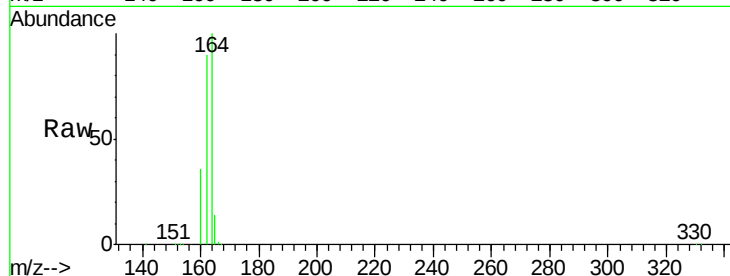
Tgt Ion:164 Resp: 96954

Ion Ratio Lower Upper

164 100

162 90.1 86.0 129.0

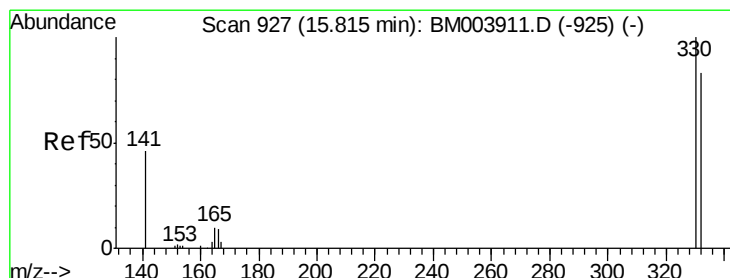
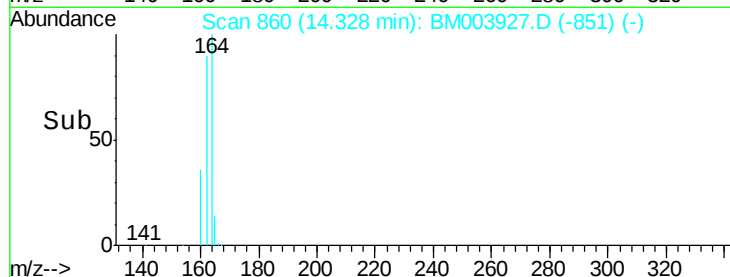
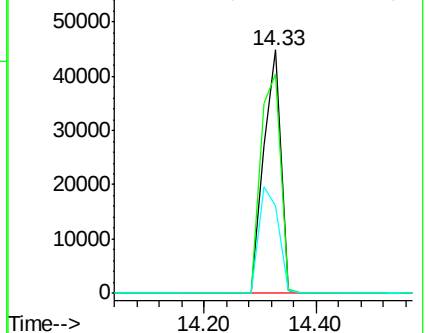
160 36.0 40.3 60.5#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 7.41 ng

RT: 15.81 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

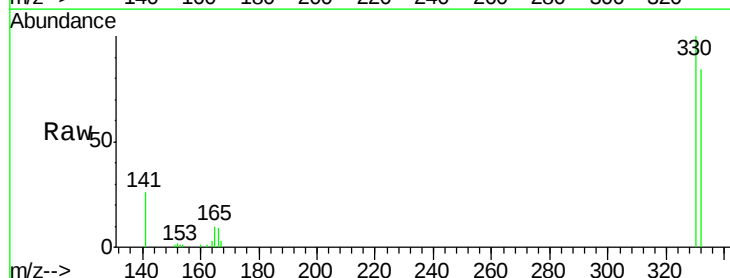
Tgt Ion:330 Resp: 21521

Ion Ratio Lower Upper

330 100

332 91.6 79.0 118.4

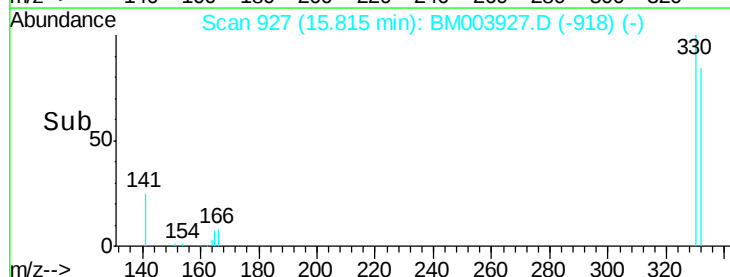
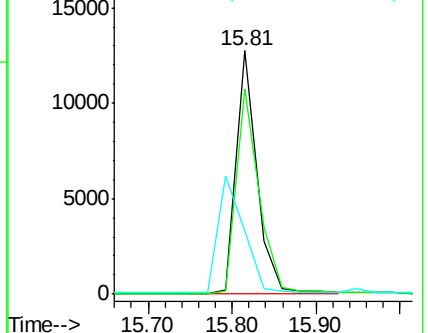
141 0.0 0.0 0.0

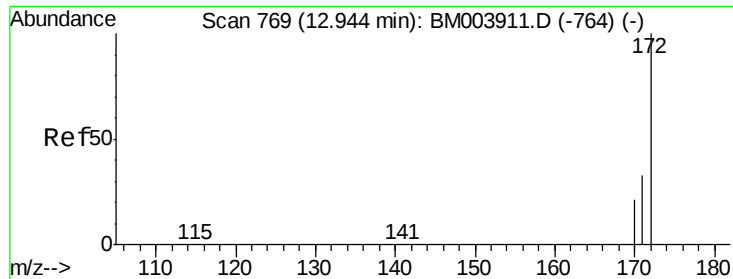


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

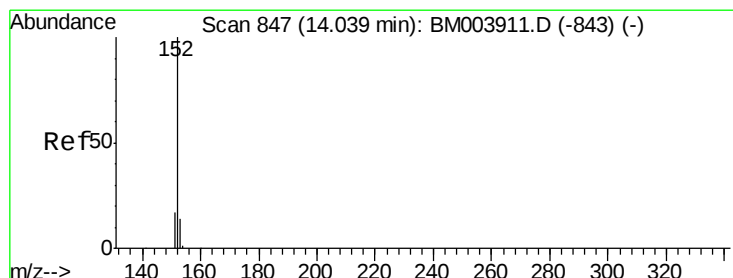
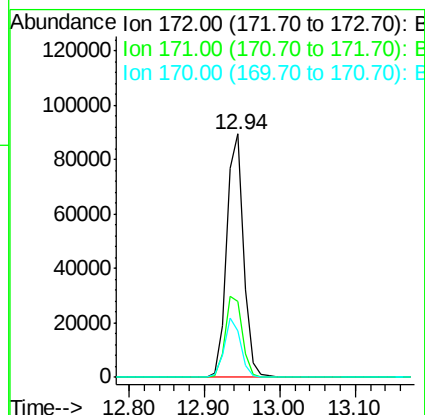
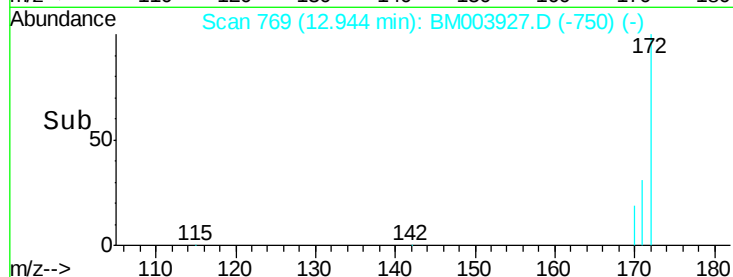
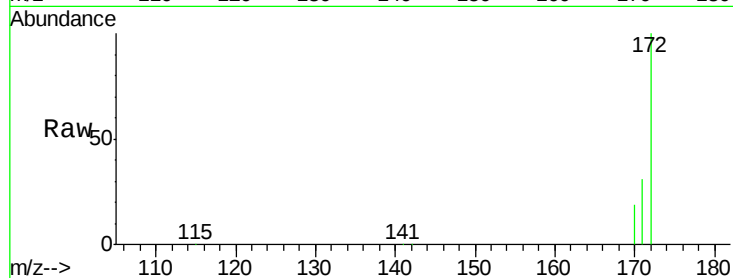




#15
2-Fluorobiphenyl
Concen: 4.52 ng
RT: 12.94 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

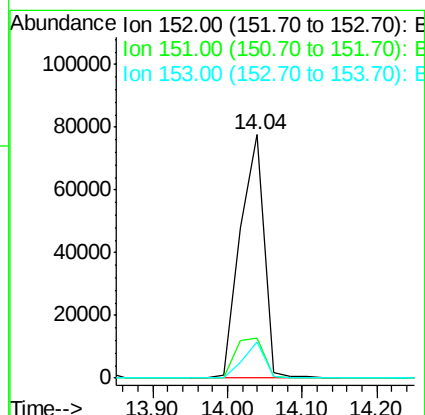
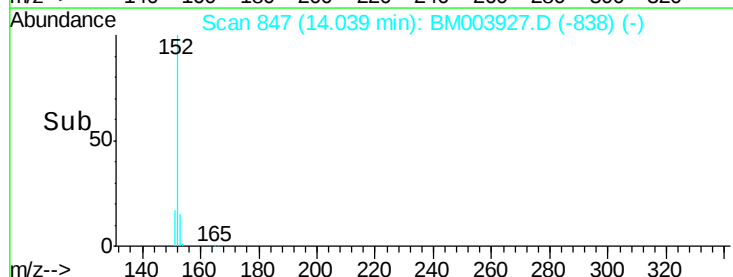
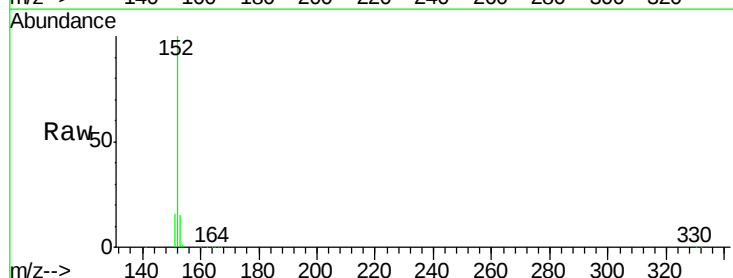
Instrument :
BNA_F
ClientSampleId :
PB87669BSD

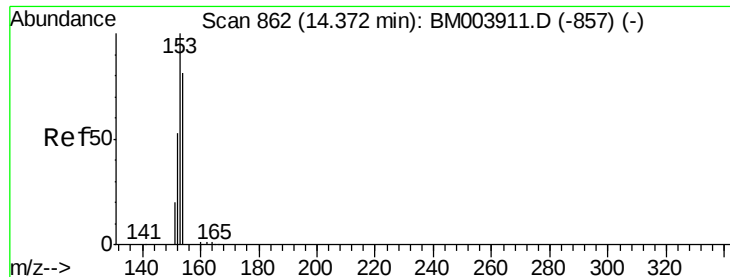
Tgt Ion:172 Resp: 141440
Ion Ratio Lower Upper
172 100
171 31.3 27.0 40.6
170 19.0 17.9 26.9



#16
Acenaphthylene
Concen: 4.27 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

Tgt Ion:152 Resp: 172580
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 13.2 10.2 15.4

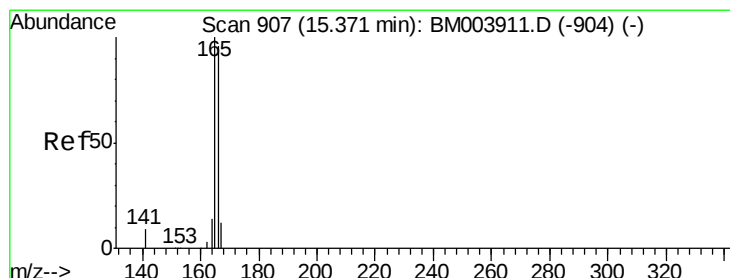
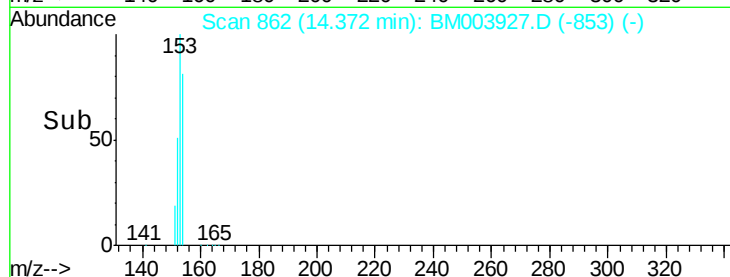
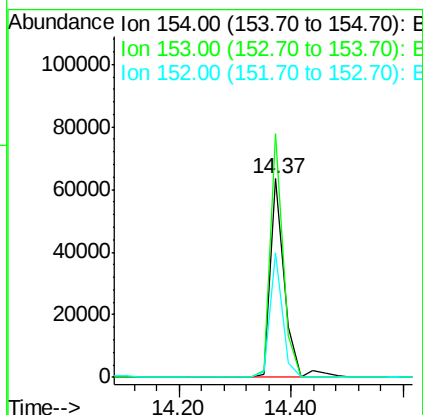
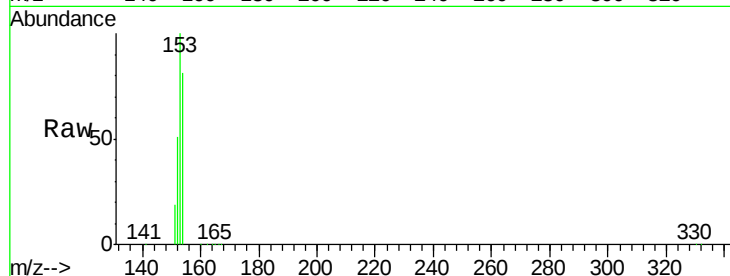




#17
Acenaphthene
Concen: 4.00 ng
RT: 14.37 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

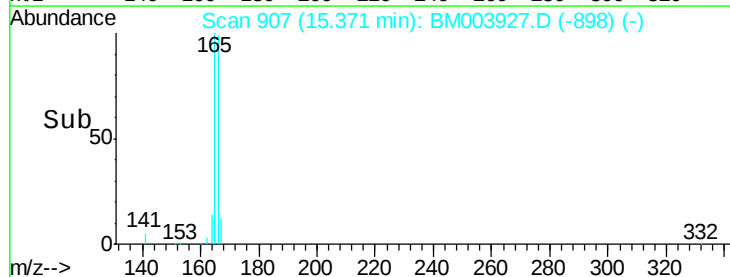
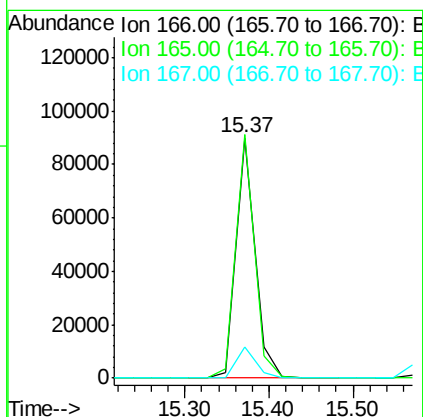
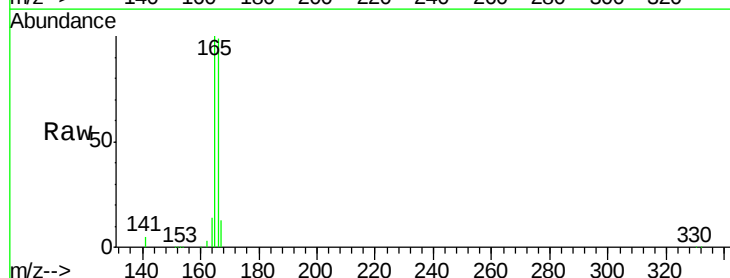
Instrument :
BNA_F
ClientSampleId :
PB87669BSD

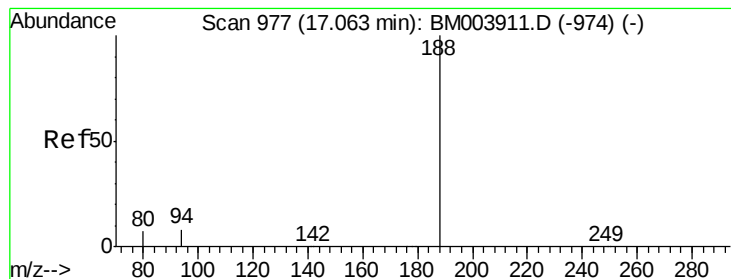
Tgt Ion:154 Resp: 112908
Ion Ratio Lower Upper
154 100
153 110.0 85.4 128.2
152 54.3 40.6 60.8



#18
Fluorene
Concen: 4.13 ng
RT: 15.37 min Scan# 907
Delta R.T. 0.00 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

Tgt Ion:166 Resp: 139028
Ion Ratio Lower Upper
166 100
165 99.2 77.2 115.8
167 13.1 11.0 16.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_F

ClientSampleId :

PB87669BSD

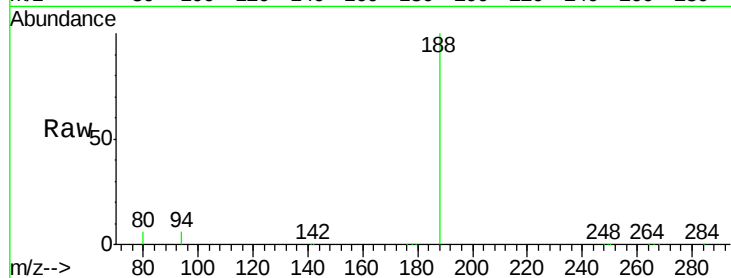
Tgt Ion:188 Resp: 243598

Ion Ratio Lower Upper

188 100

94 6.3 20.3 30.5#

80 5.6 22.2 33.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

200000

150000

100000

50000

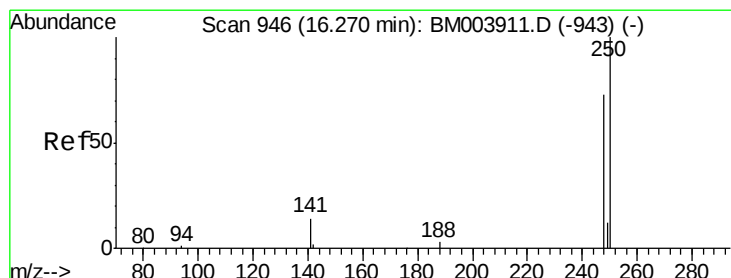
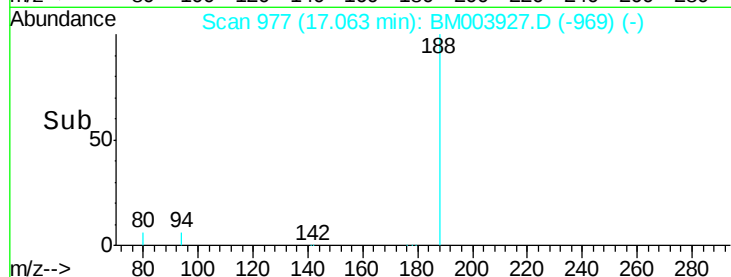
0

17.06

17.00

17.10

Time-->



#20

4-Bromophenyl-phenylether

Concen: 3.67 ng

RT: 16.27 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

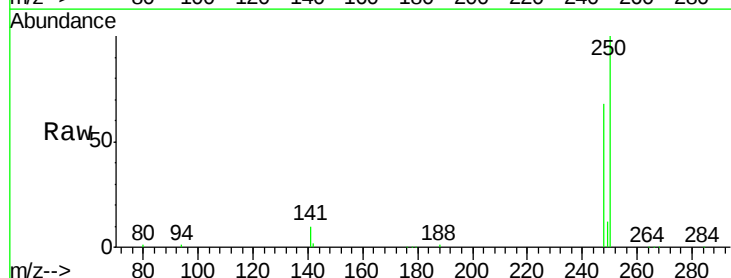
Tgt Ion:248 Resp: 27594

Ion Ratio Lower Upper

248 100

250 105.6 75.0 112.4

141 0.0 53.0 79.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

25000

20000

15000

10000

5000

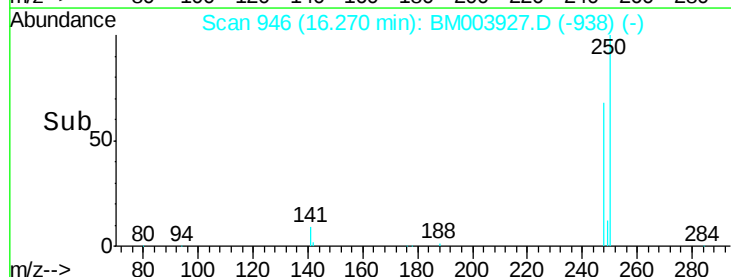
0

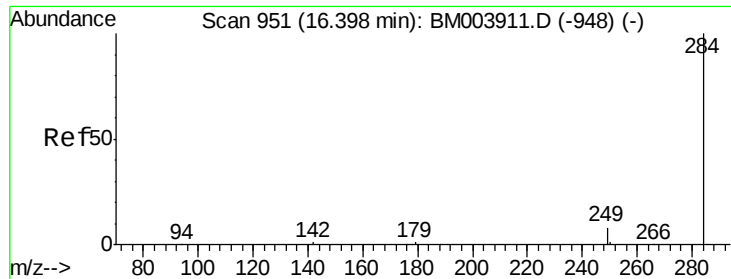
16.27

16.20

16.30

Time-->

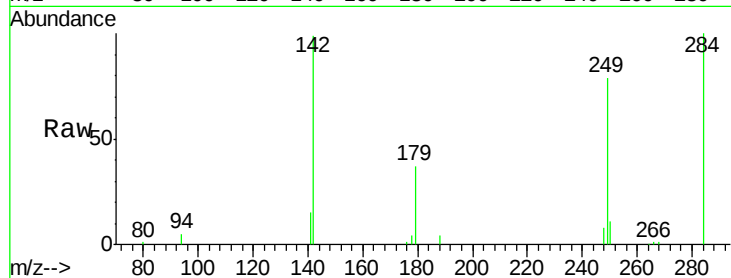




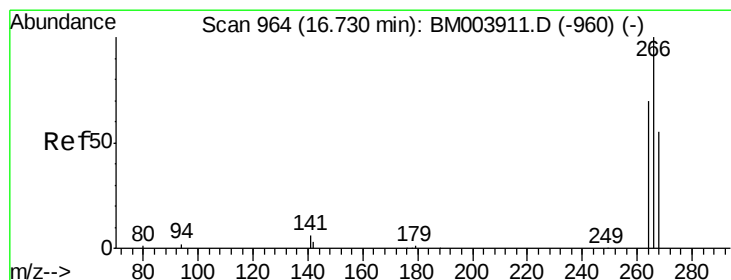
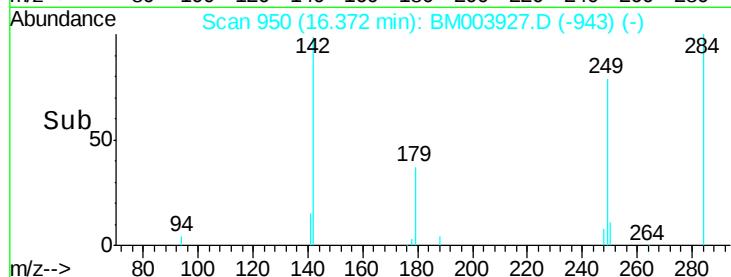
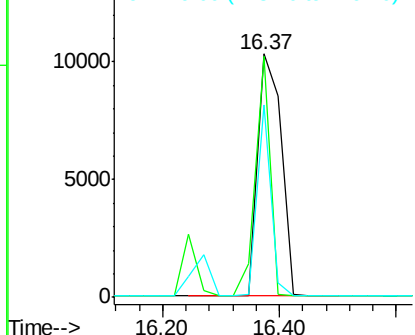
#21
Hexachlorobenzene
Concen: 3.62 ng
RT: 16.37 min Scan# 950
Delta R.T. -0.03 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

Instrument :
BNA_F
ClientSampleId :
PB87669BSD

Tgt Ion: 284 Resp: 28975
Ion Ratio Lower Upper
284 100
142 61.4 0.0 0.0#
249 46.4 21.5 32.3#

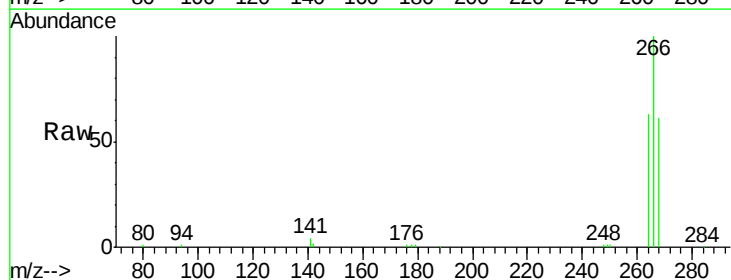


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

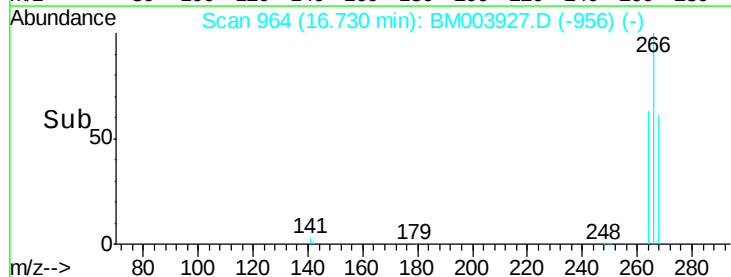
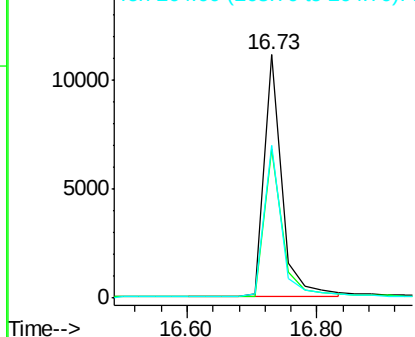


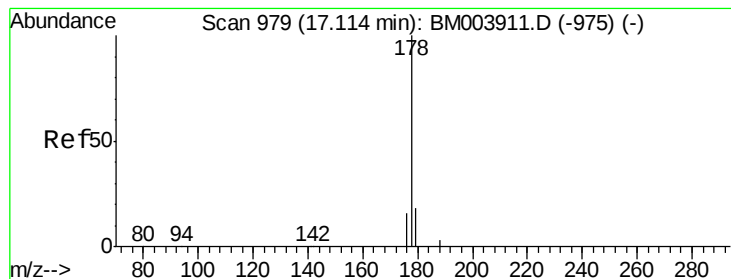
#22
Pentachlorophenol
Concen: 6.39 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

Tgt Ion: 266 Resp: 21181
Ion Ratio Lower Upper
266 100
268 61.2 62.7 94.1#
264 62.8 45.7 68.5



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 4.69 ng

RT: 17.19 min Scan# 982

Delta R.T. 0.08 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_F

ClientSampleId :

PB87669BSD

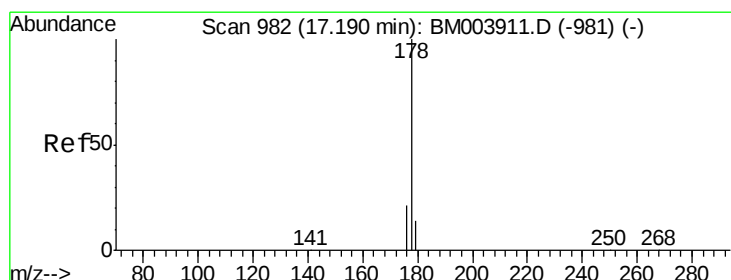
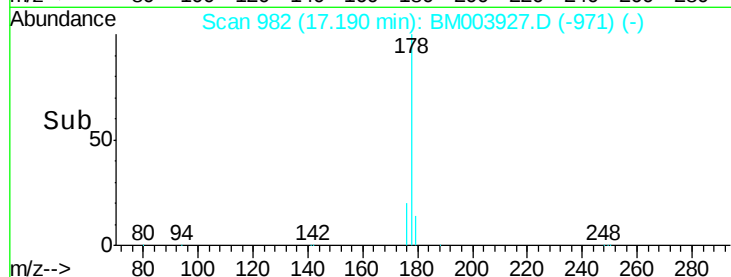
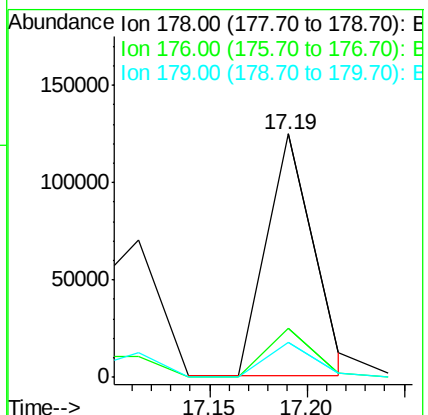
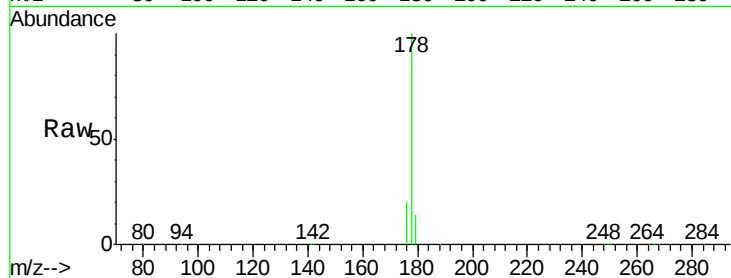
Tgt Ion:178 Resp: 208745

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 14.6 12.2 18.4



#24

Anthracene

Concen: 4.37 ng

RT: 17.19 min Scan# 982

Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

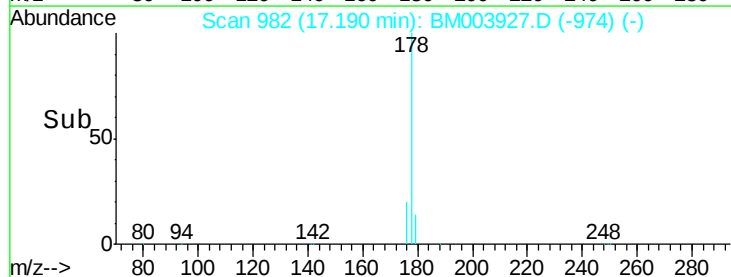
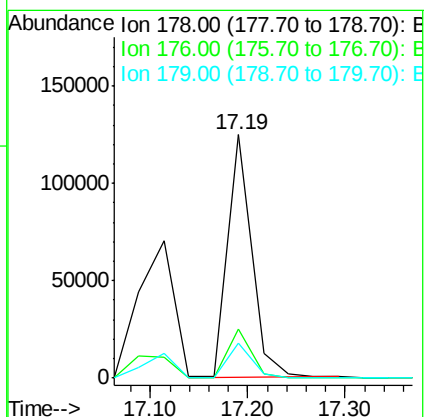
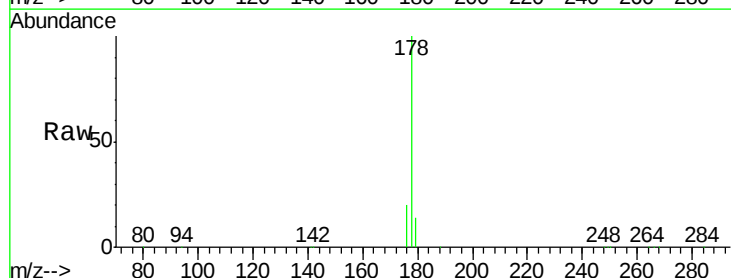
Tgt Ion:178 Resp: 214411

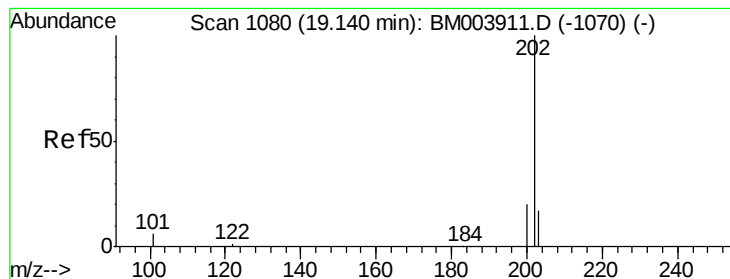
Ion Ratio Lower Upper

178 100

176 19.5 14.6 21.8

179 14.5 12.6 19.0





#25

Fluoranthene

Concen: 3.77 ng

RT: 19.14 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_F

ClientSampleId :

PB87669BSD

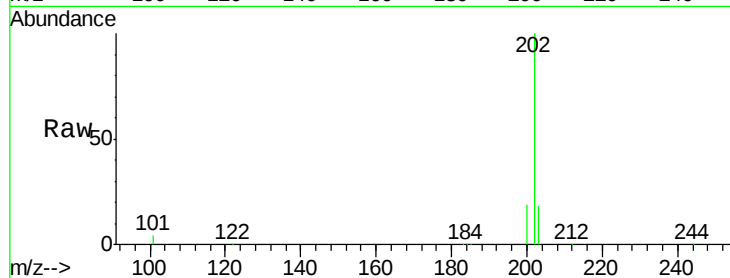
Tgt Ion: 202 Resp: 204206

Ion Ratio Lower Upper

202 100

101 11.7 9.7 14.5

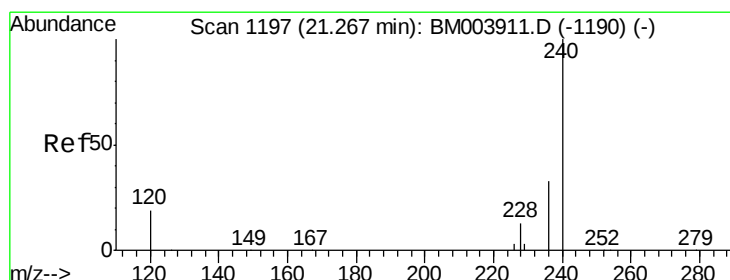
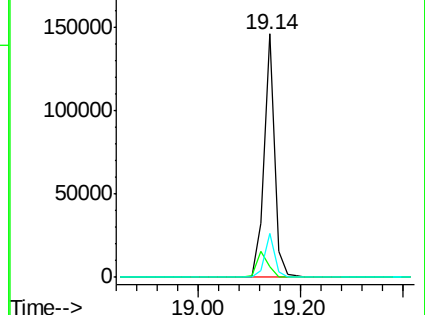
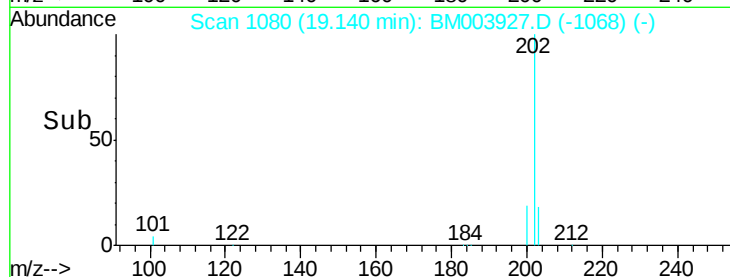
203 17.5 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.27 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

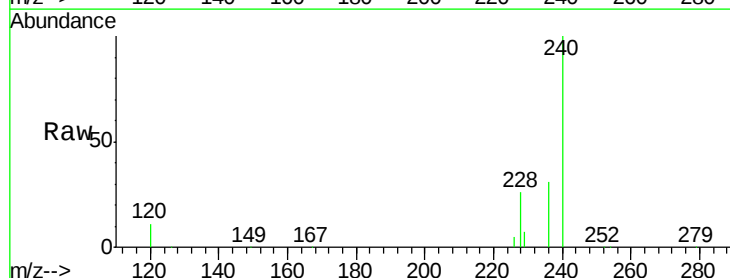
Tgt Ion: 240 Resp: 149009

Ion Ratio Lower Upper

240 100

120 11.4 0.9 1.3#

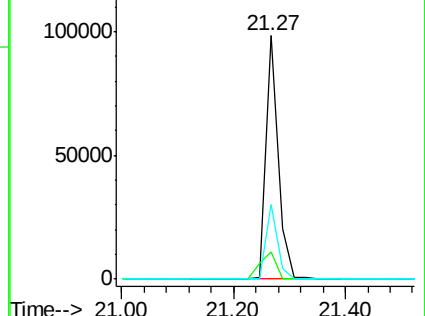
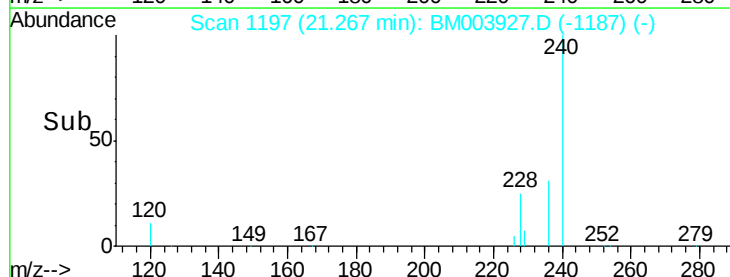
236 30.9 17.3 25.9#

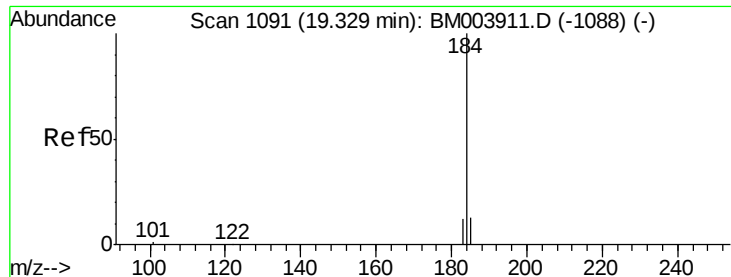


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 6.53 ng

RT: 19.33 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_F

ClientSampleId :

PB87669BSD

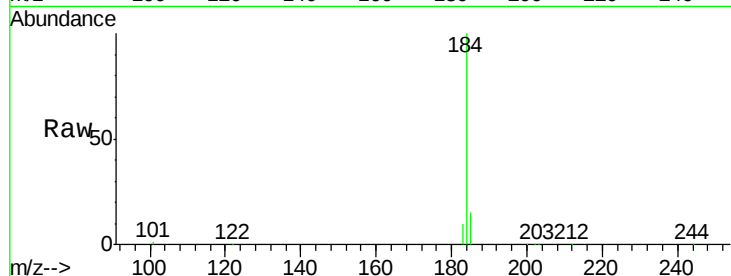
Tgt Ion:184 Resp: 126934

Ion Ratio Lower Upper

184 100

185 14.5 13.2 19.8

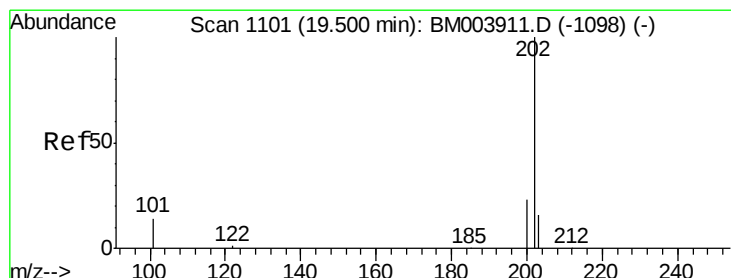
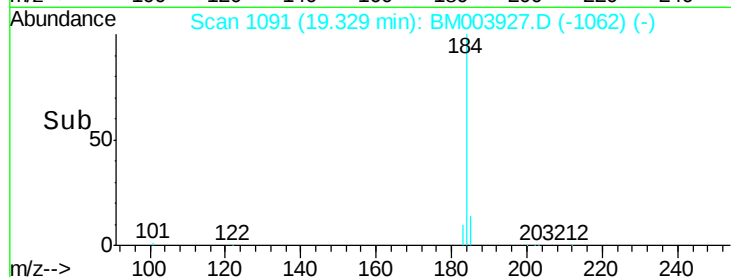
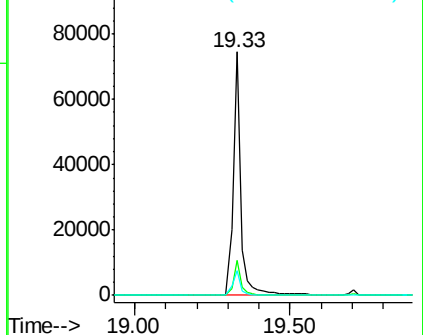
183 10.1 9.0 13.6



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



#28

Pyrene

Concen: 4.07 ng

RT: 19.50 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

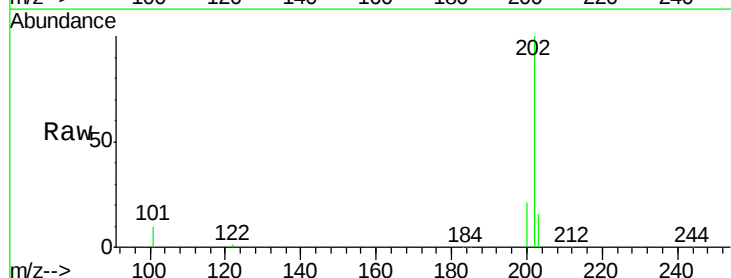
Tgt Ion:202 Resp: 217881

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

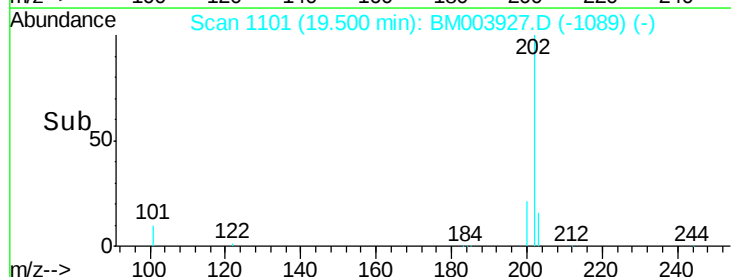
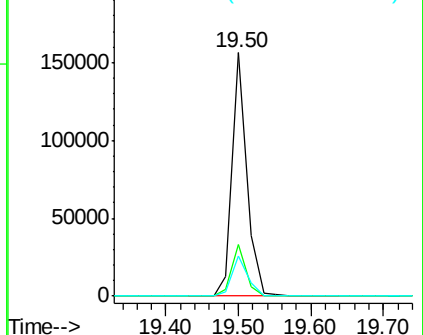
203 17.7 14.0 21.0

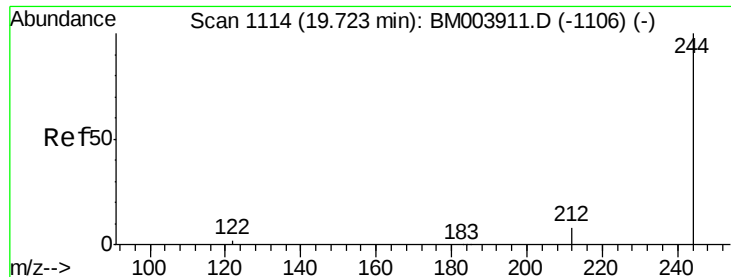


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.98 ng

RT: 19.71 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_F

ClientSampleId :

PB87669BSD

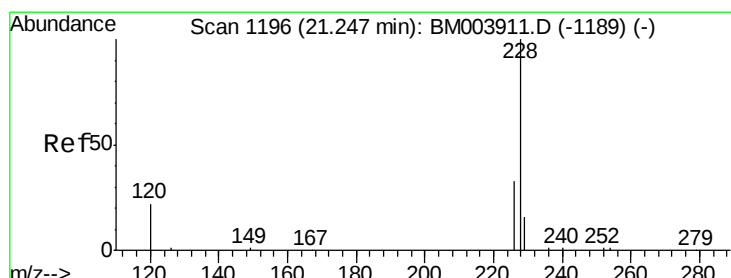
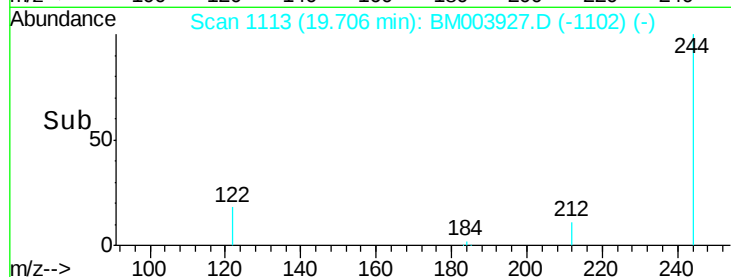
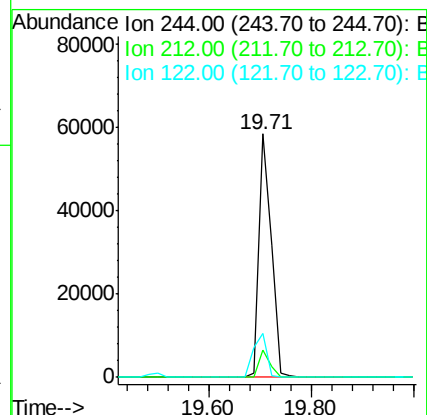
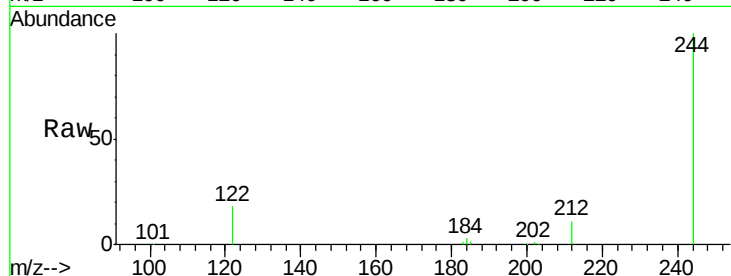
Tgt Ion:244 Resp: 96044

Ion Ratio Lower Upper

244 100

212 11.3 7.0 10.6#

122 17.9 3.0 4.6#



#30

Benzo(a)anthracene

Concen: 4.02 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

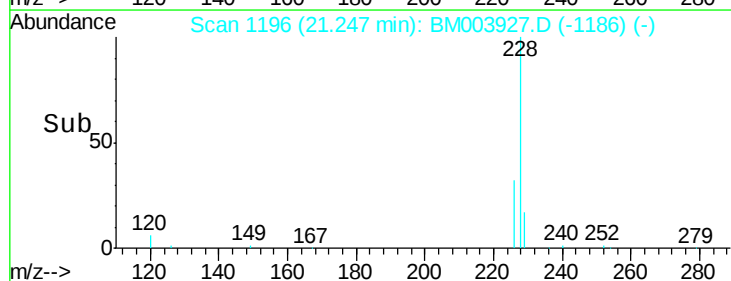
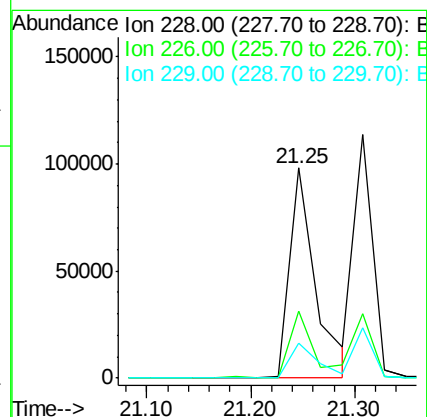
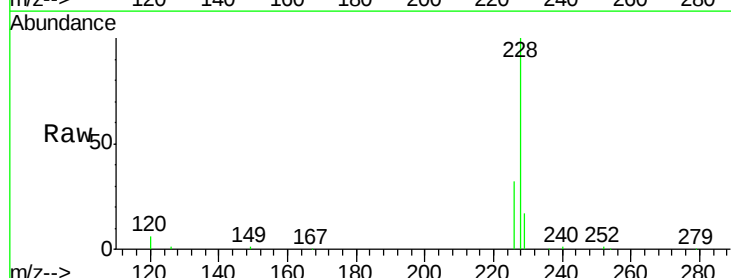
Tgt Ion:228 Resp: 170278

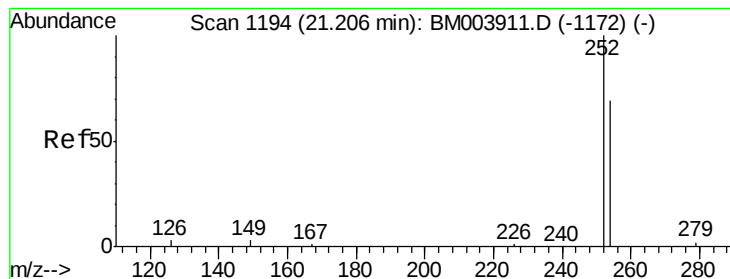
Ion Ratio Lower Upper

228 100

226 31.8 17.2 25.8#

229 16.7 18.7 28.1#

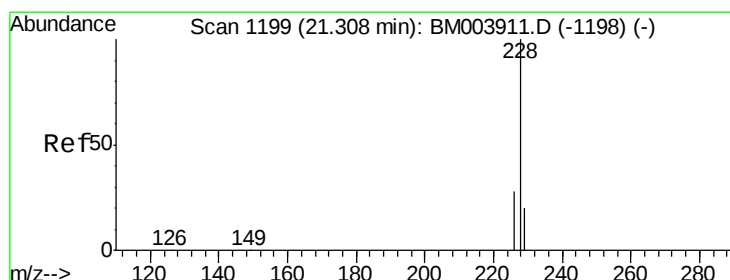
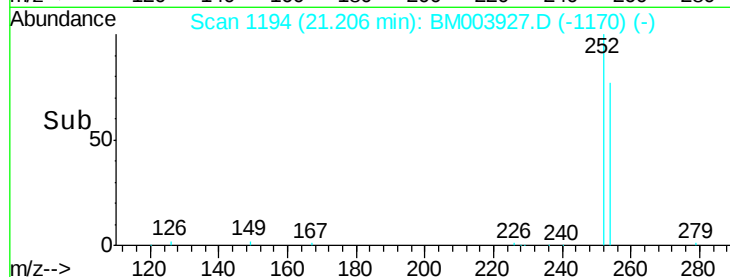
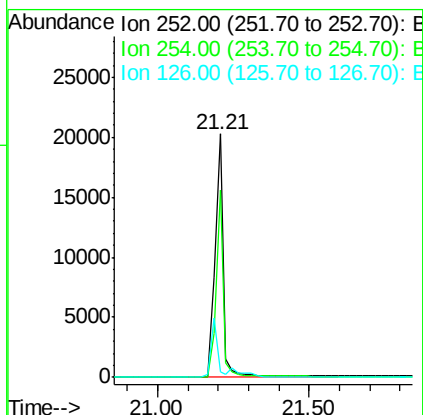
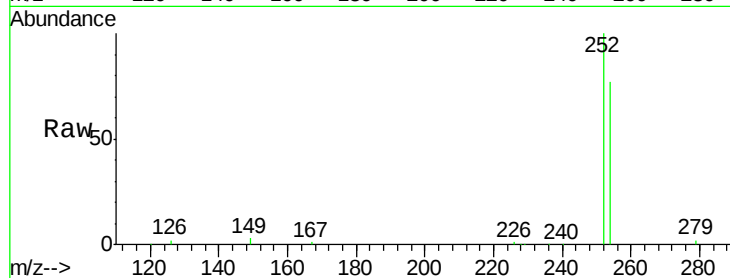




#31
 3,3'-Dichlorobenzidine
 Concen: 3.05 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM003927.D
 Acq: 08 Jan 2016 17:58

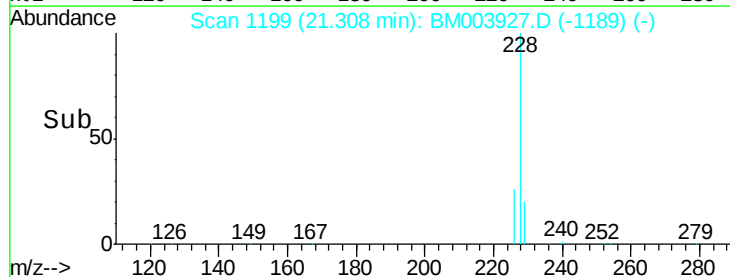
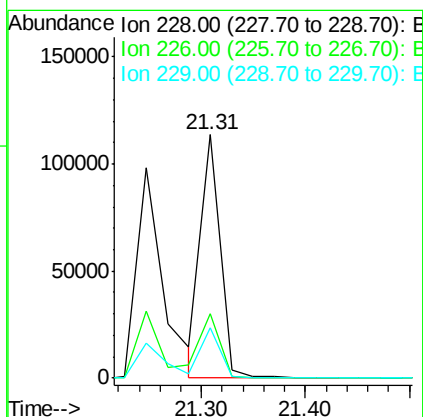
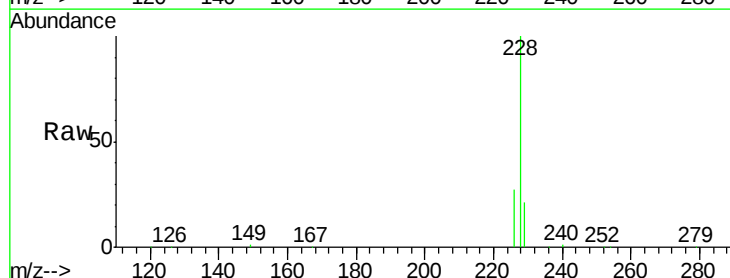
Instrument :
 BNA_F
 ClientSampleId :
 PB87669BSD

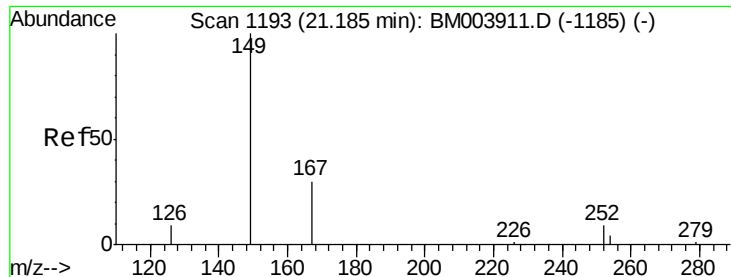
Tgt Ion:252 Resp: 39221
 Ion Ratio Lower Upper
 252 100
 254 76.7 52.6 79.0
 126 2.5 3.7 5.5#



#32
 Chrysene
 Concen: 3.32 ng
 RT: 21.31 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BM003927.D
 Acq: 08 Jan 2016 17:58

Tgt Ion:228 Resp: 145982
 Ion Ratio Lower Upper
 228 100
 226 26.5 25.3 37.9
 229 20.5 14.5 21.7

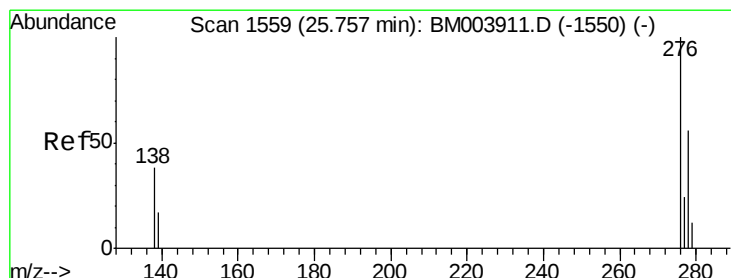
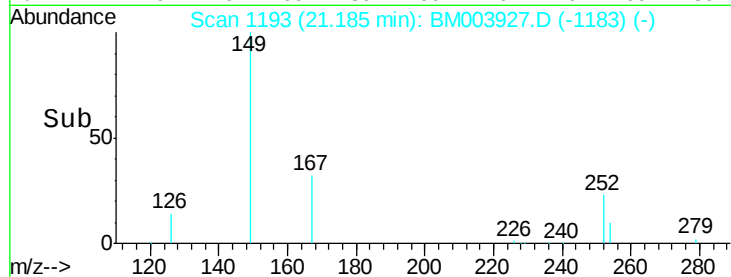
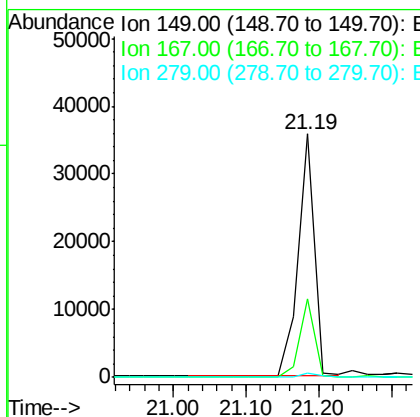
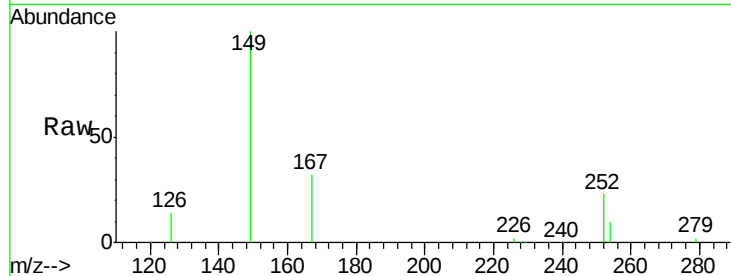




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 2.36 ng
 RT: 21.19 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BM003927.D
 Acq: 08 Jan 2016 17:58

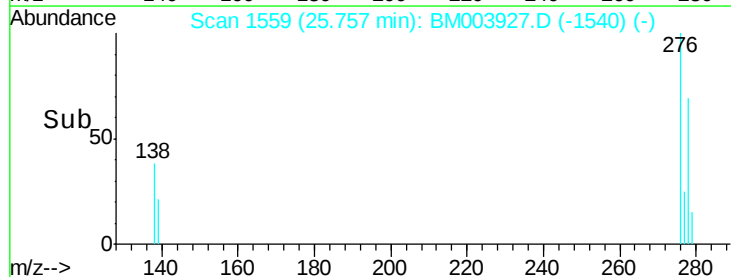
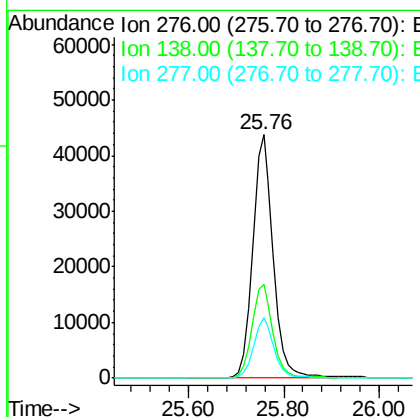
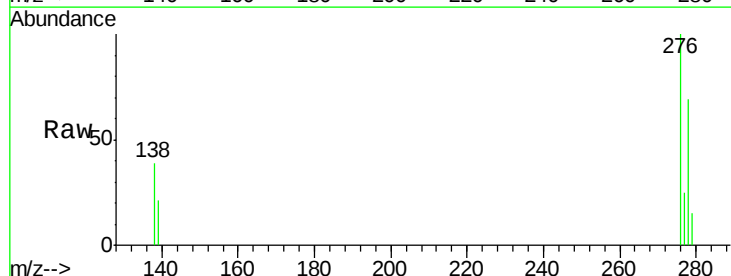
Instrument :
 BNA_F
 ClientSampleId :
 PB87669BSD

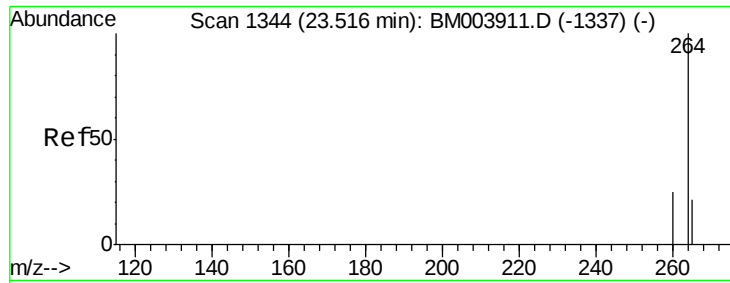
Tgt Ion:149 Resp: 55299
 Ion Ratio Lower Upper
 149 100
 167 29.4 20.1 30.1
 279 1.9 0.0 0.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 4.14 ng
 RT: 25.76 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: BM003927.D
 Acq: 08 Jan 2016 17:58

Tgt Ion:276 Resp: 130517
 Ion Ratio Lower Upper
 276 100
 138 39.2 30.2 45.2
 277 24.7 19.8 29.8

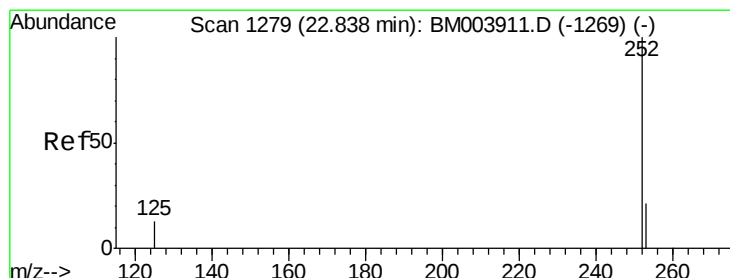
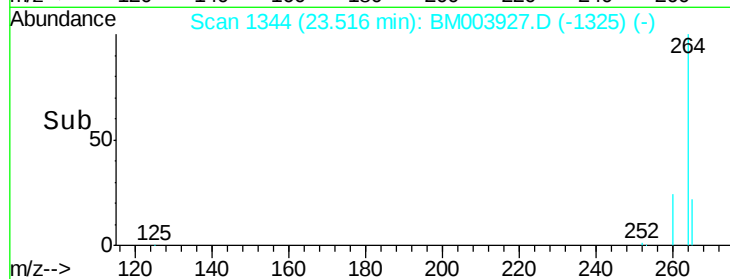
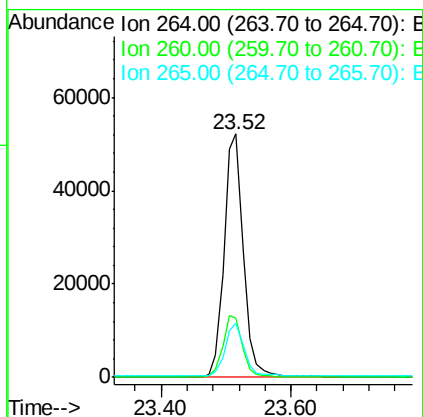
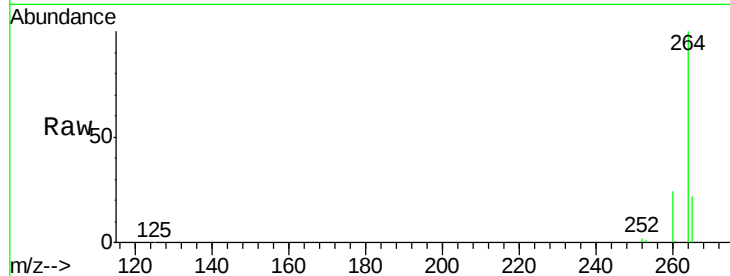




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.52 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BM003927.D
 Acq: 08 Jan 2016 17:58

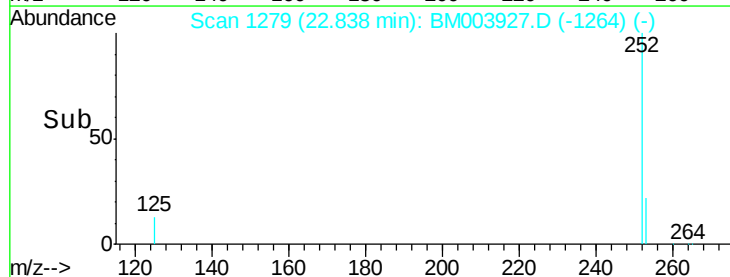
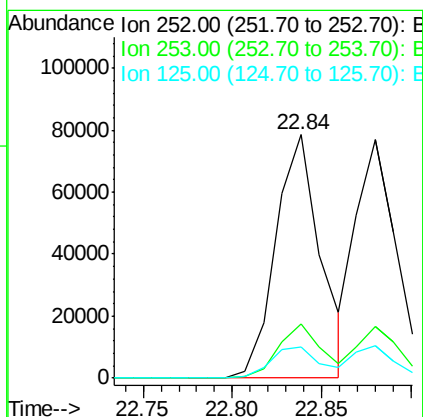
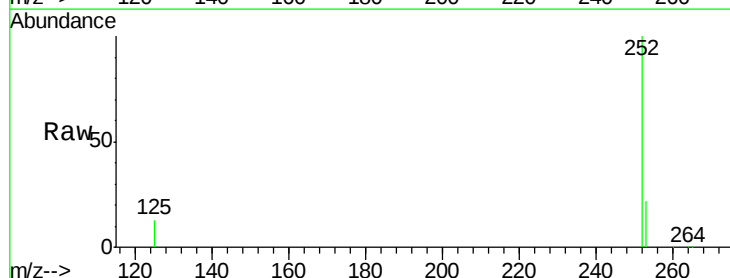
Instrument :
 BNA_F
 ClientSampleId :
 PB87669BSD

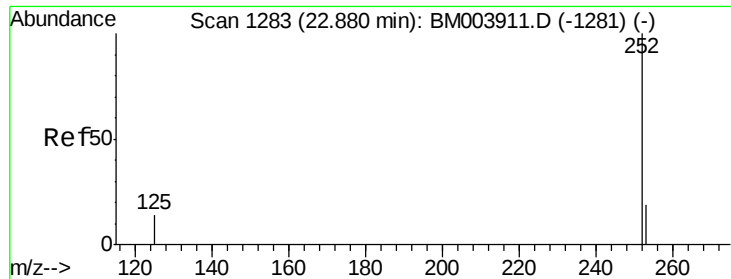
Tgt Ion:264 Resp: 106433
 Ion Ratio Lower Upper
 264 100
 260 24.3 21.2 31.8
 265 22.4 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 4.20 ng
 RT: 22.84 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BM003927.D
 Acq: 08 Jan 2016 17:58

Tgt Ion:252 Resp: 136613
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.8 28.2
 125 13.0 10.2 15.4

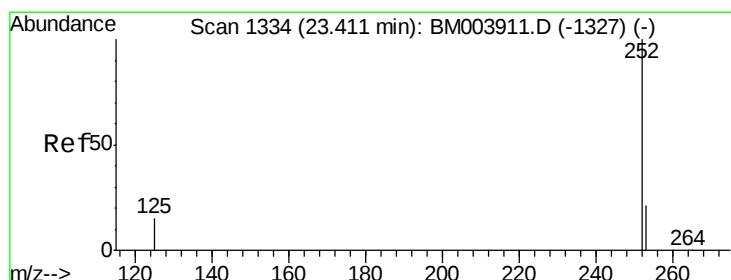
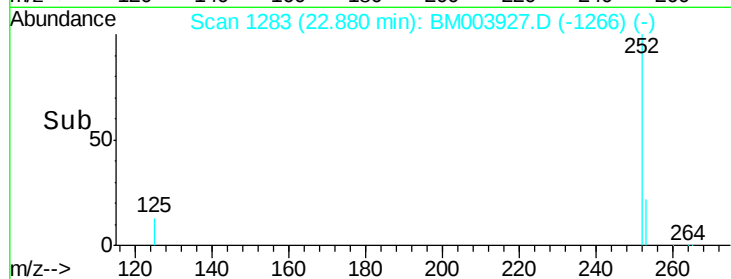
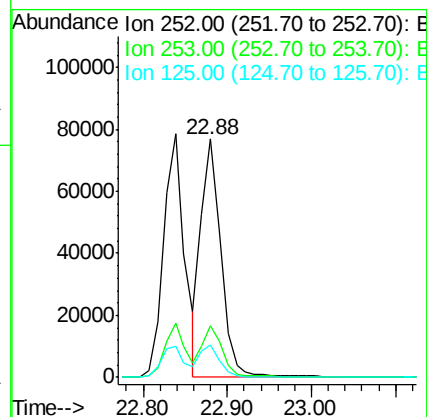
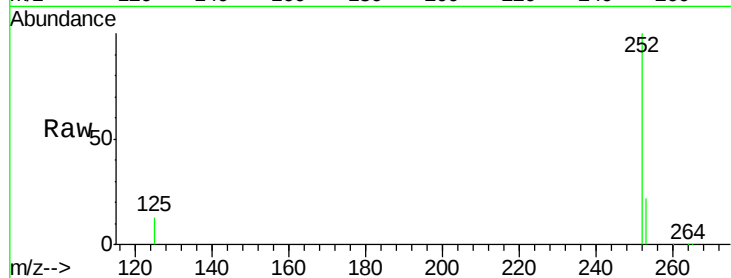




#37
Benzo(k)fluoranthene
Concen: 3.94 ng
RT: 22.88 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

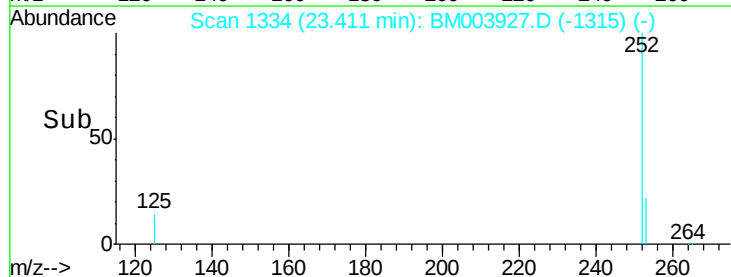
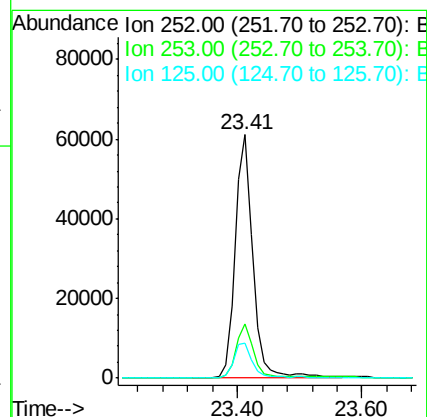
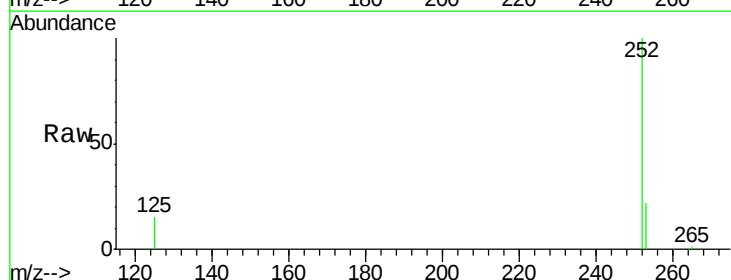
Instrument :
BNA_F
ClientSampleId :
PB87669BSD

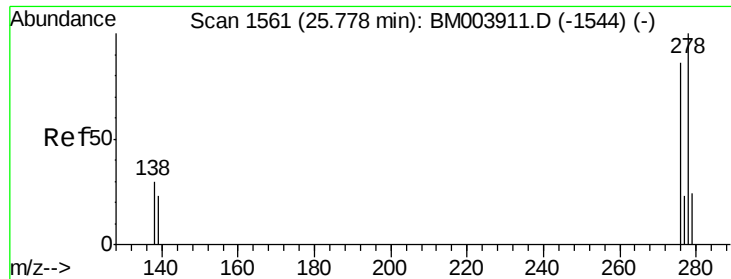
Tgt Ion:252 Resp: 124092
Ion Ratio Lower Upper
252 100
253 21.7 18.3 27.5
125 13.4 10.6 15.8



#38
Benzo(a)pyrene
Concen: 4.35 ng
RT: 23.41 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BM003927.D
Acq: 08 Jan 2016 17:58

Tgt Ion:252 Resp: 120542
Ion Ratio Lower Upper
252 100
253 22.4 18.7 28.1
125 14.6 11.8 17.8





#39

Dibenzo(a,h)anthracene

Concen: 4.48 ng

RT: 25.77 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

Instrument :

BNA_F

ClientSampleId :

PB87669BSD

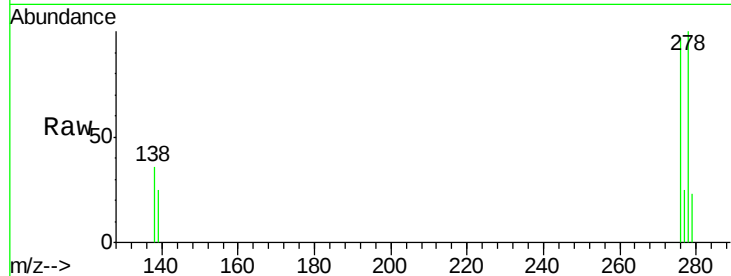
Tgt Ion: 278 Resp: 105997

Ion Ratio Lower Upper

278 100

139 25.5 19.0 28.6

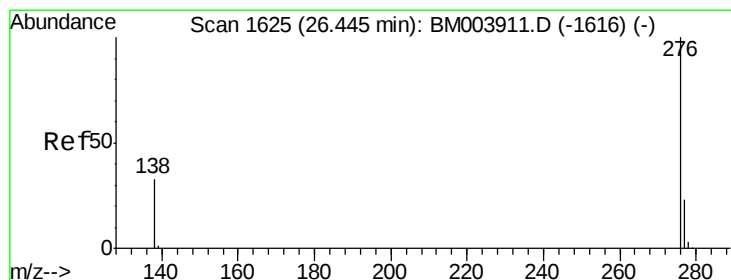
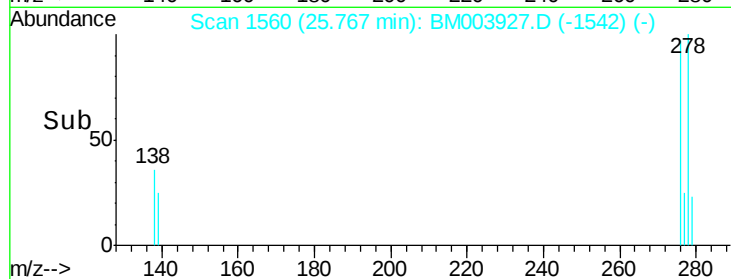
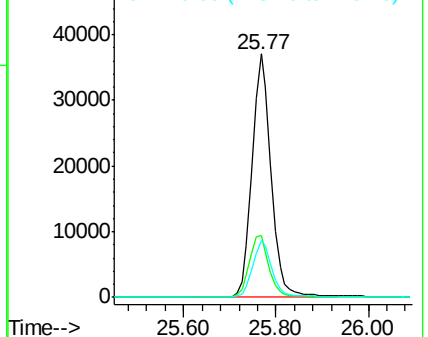
279 23.3 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 4.62 ng

RT: 26.44 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BM003927.D

Acq: 08 Jan 2016 17:58

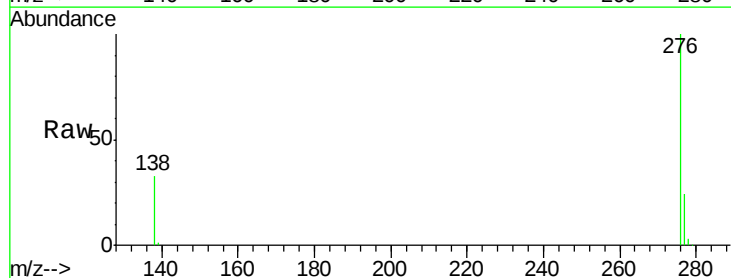
Tgt Ion: 276 Resp: 115742

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 32.7 25.0 37.4



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

