

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030116\
 Data File : BM004515.D
 Acq On : 02 Mar 2016 12:06
 Operator : SJ/UM
 Sample : PB88423BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB88423BSD

Quant Time: Mar 02 16:30:45 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 14:46:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	20790	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	79055	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	38678	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	93788	5.00	ng	0.00
26) Chrysene-d12	21.23	240	79280	5.00	ng	0.00
35) Perylene-d12	23.46	264	66843	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	31230	7.19	ng	-0.03
5) Phenol-d6	6.80	99	39214	6.81	ng	-0.03
8) Nitrobenzene-d5	8.77	82	16032	3.83	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	9855	6.96	ng	-0.02
15) 2-Fluorobiphenyl	12.88	172	51228	4.26	ng	0.00
29) Terphenyl-d14	19.67	244	42254	3.56	ng	0.00

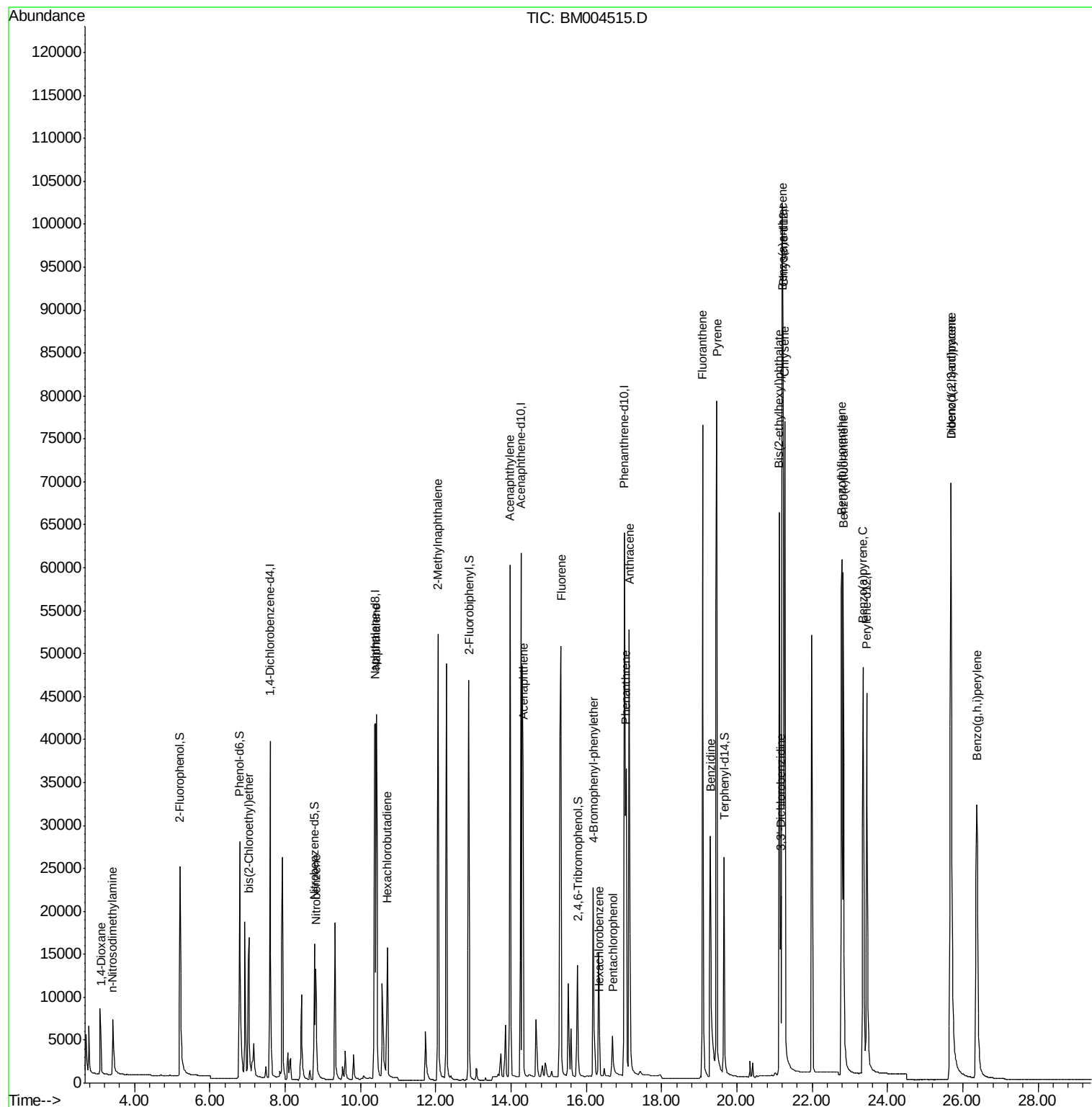
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	6524	3.47	ng	97
3) n-Nitrosodimethylamine	3.41	42	5869	4.02	ng	95
6) bis(2-Chloroethyl)ether	7.04	93	16761	3.53	ng	95
9) Nitrobenzene	8.82	77	16299	3.42	ng	100
10) Naphthalene	10.42	128	65414	3.50	ng	96
11) Hexachlorobutadiene	10.72	225	11086	3.44	ng	99
12) 2-Methylnaphthalene	12.06	142	43836	3.89	ng	92
16) Acenaphthylene	13.97	152	72437	3.74	ng	99
17) Acenaphthene	14.33	154	39358	3.75	ng	# 5
18) Fluorene	15.33	166	50143	3.88	ng	100
20) 4-Bromophenyl-phenylether	16.19	248	13496	3.58	ng	# 79
21) Hexachlorobenzene	16.35	284	12658	3.73	ng	# 100
22) Pentachlorophenol	16.70	266	5918	7.00	ng	# 85
23) Phenanthrene	17.06	178	73863m	3.99	ng	
24) Anthracene	17.14	178	81446	3.63	ng	99
25) Fluoranthene	19.09	202	93379	3.87	ng	100
27) Benzidine	19.29	184	71485	6.90	ng	# 90
28) Pyrene	19.47	202	98373	3.66	ng	99
30) Benzo(a)anthracene	21.21	228	91866m	3.75	ng	
31) 3,3'-Dichlorobenzidine	21.17	252	29063	3.83	ng	# 80
32) Chrysene	21.27	228	89145m	3.85	ng	
33) Bis(2-ethylhexyl)phthalate	21.13	149	67123	4.19	ng	# 100
34) Indeno(1,2,3-cd)pyrene	25.69	276	86115	3.71	ng	100
36) Benzo(b)fluoranthene	22.79	252	92814	4.50	ng	98
37) Benzo(k)fluoranthene	22.83	252	79365	3.88	ng	97
38) Benzo(a)pyrene	23.35	252	78368	3.95	ng	97
39) Dibenzo(a,h)anthracene	25.69	278	68388	4.17	ng	97
40) Benzo(g,h,i)perylene	26.38	276	74613	4.01	ng	99

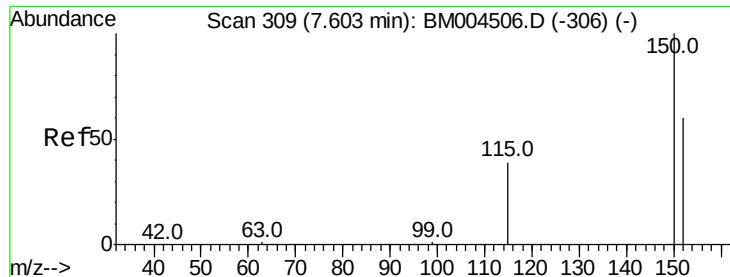
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 309

Delta R.T. -0.00 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

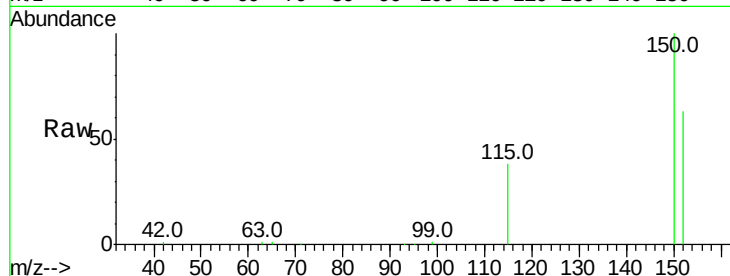
Tot Ion:152 Resp: 20790

Ion Ratio Lower Upper

152 100

150 159.9 134.2 201.2

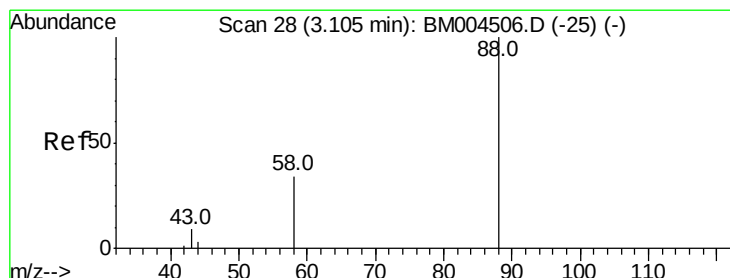
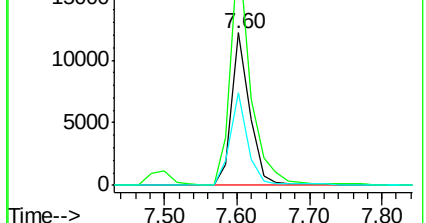
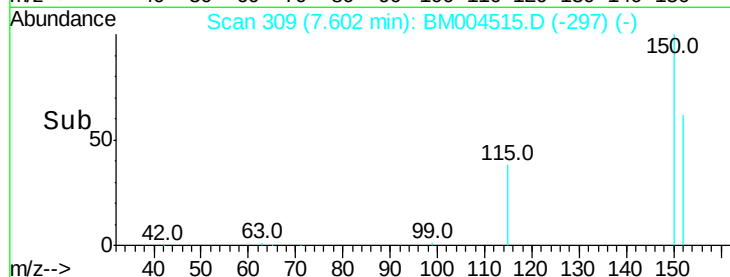
115 60.7 52.2 78.4



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: 3.47 ng

RT: 3.10 min Scan# 28

Delta R.T. 0.00 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

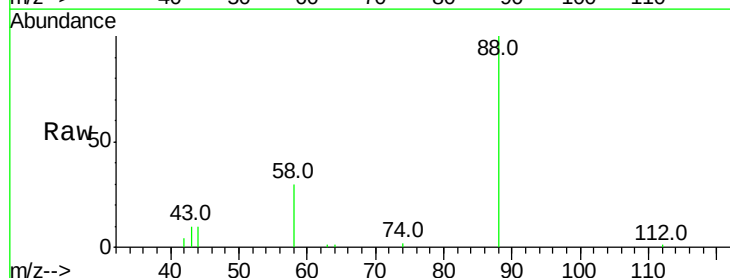
Tgt Ion: 88 Resp: 6524

Ion Ratio Lower Upper

88 100

58 69.4 52.9 79.3

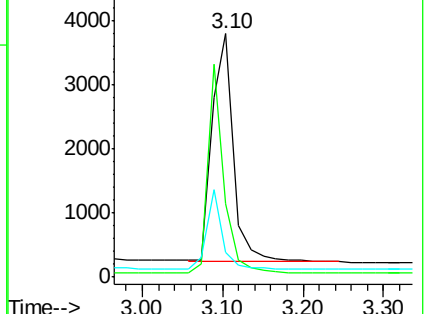
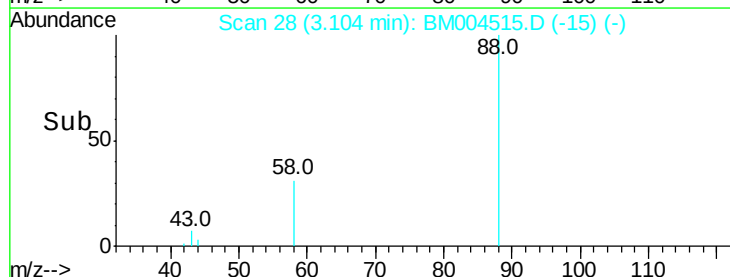
43 26.3 20.8 31.2

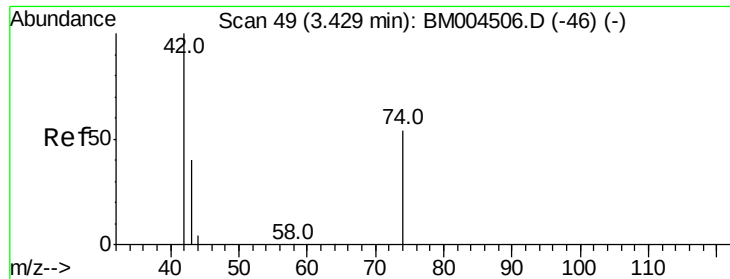


Abundance Ion 88.00 (87.70 to 88.70): BM

Ion 58.00 (57.70 to 58.70): BM

Ion 43.00 (42.70 to 43.70): BM



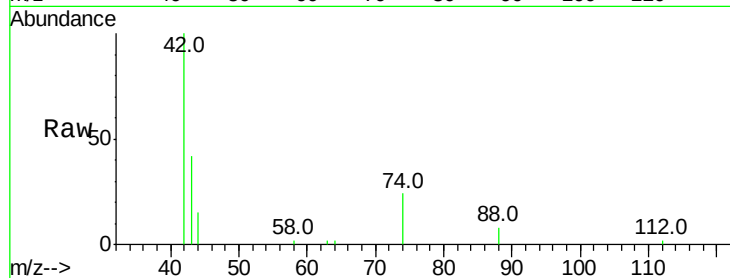


#3

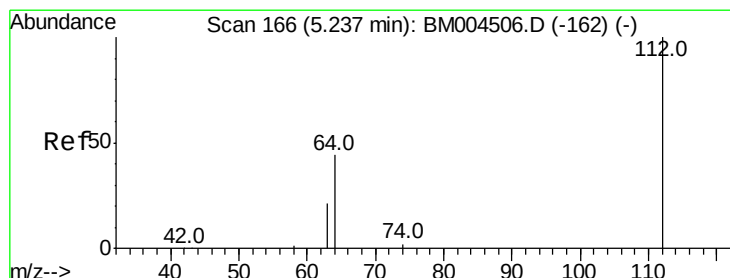
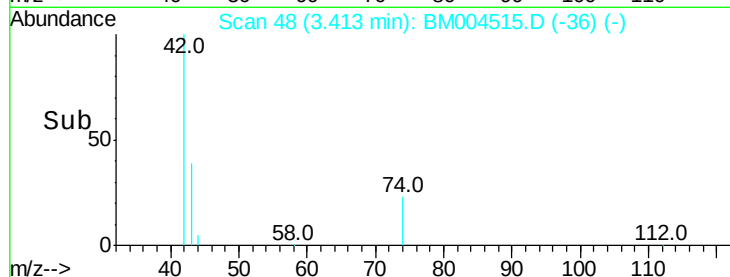
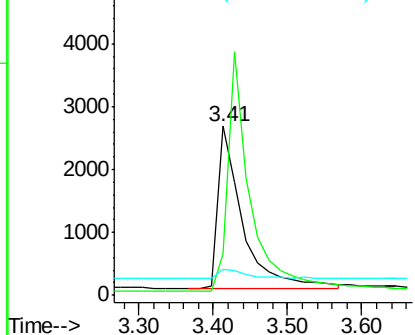
n-Nitrosodimethylamine
 Concen: 4.02 ng
 RT: 3.41 min Scan# 48
 Delta R.T. -0.02 min
 Lab File: BM004515.D
 Acq: 02 Mar 2016 12:06

Instrument :
 BNA_M
 ClientSampleId :
 PB88423BSD

Tot Ion: 42 Resp: 5869
 Ion Ratio Lower Upper
 42 100
 74 137.7 115.5 173.3
 44 7.1 6.2 9.4



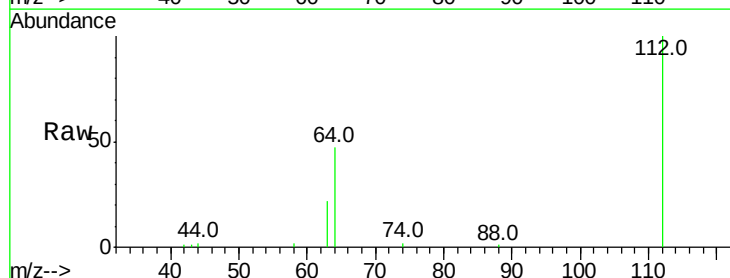
Abundance Ion 42.00 (41.70 to 42.70): BM0
 Ion 74.00 (73.70 to 74.70): BM0
 Ion 44.00 (43.70 to 44.70): BM0



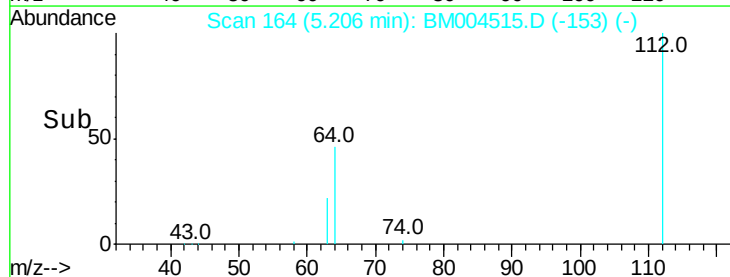
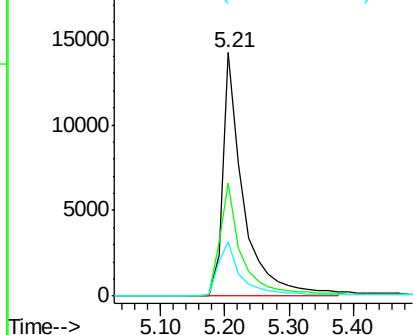
#4

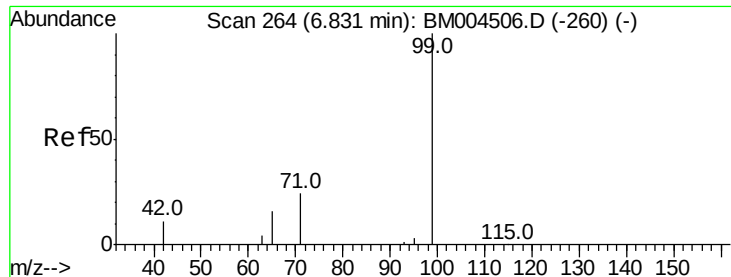
2-Fluorophenol
 Concen: 7.19 ng
 RT: 5.21 min Scan# 164
 Delta R.T. -0.03 min
 Lab File: BM004515.D
 Acq: 02 Mar 2016 12:06

Tgt Ion: 112 Resp: 31230
 Ion Ratio Lower Upper
 112 100
 64 49.0 37.0 55.6
 63 24.6 19.0 28.4



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: 6.81 ng

RT: 6.80 min Scan# 262

Delta R.T. -0.03 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

Instrument :

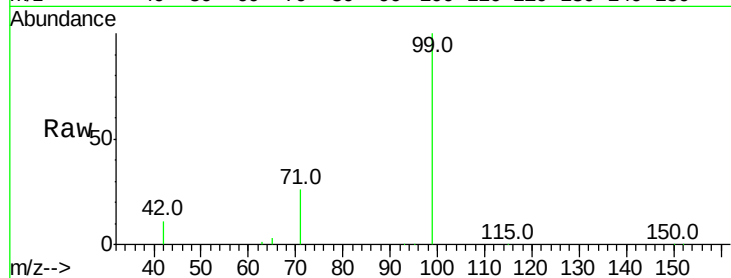
BNA_M

ClientSampleId :

PB88423BSD

Tot Ion: 99 Resp: 39214

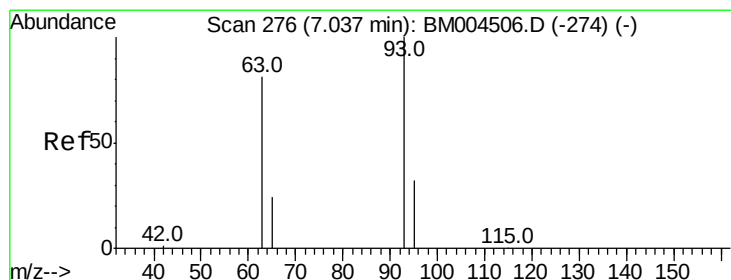
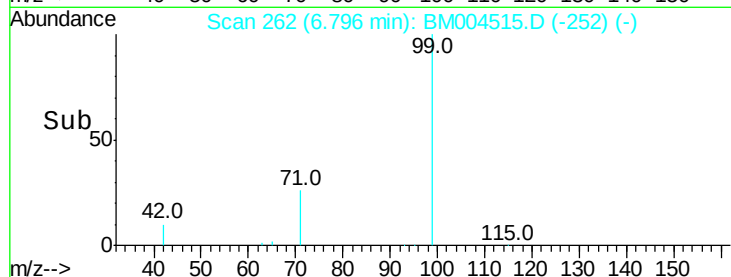
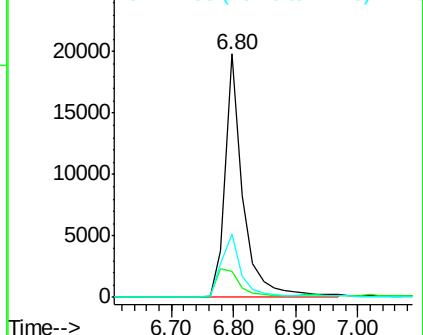
Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.2	18.4
71	28.9	23.4	35.2



Abundance Ion 99.00 (98.70 to 99.70): BM004515.D (-262) (-)

Ion 42.00 (41.70 to 42.70): BM004515.D (-262) (-)

Ion 71.00 (70.70 to 71.70): BM004515.D (-262) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.53 ng

RT: 7.04 min Scan# 276

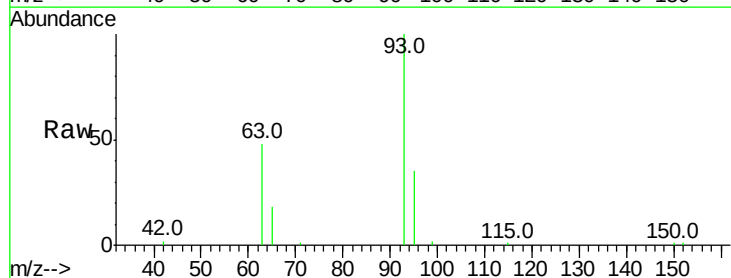
Delta R.T. 0.00 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

Tgt Ion: 93 Resp: 16761

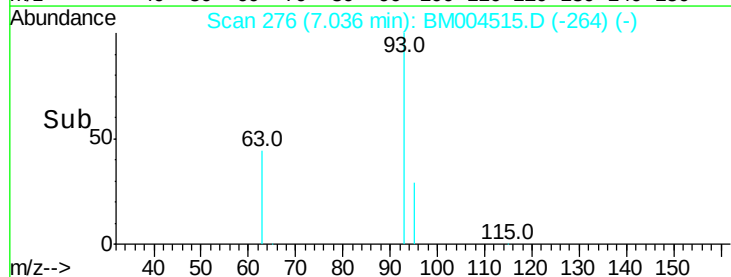
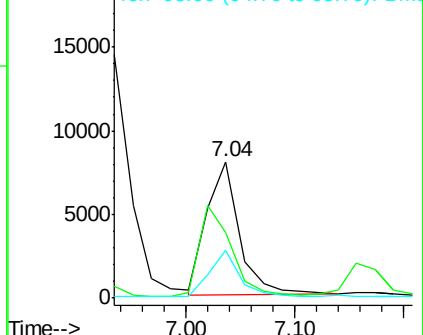
Ion	Ratio	Lower	Upper
93	100		
63	68.4	51.1	76.7
95	32.9	25.0	37.6

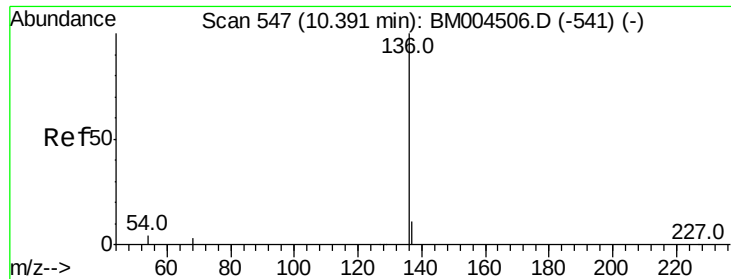


Abundance Ion 93.00 (92.70 to 93.70): BM004515.D (-264) (-)

Ion 63.00 (62.70 to 63.70): BM004515.D (-264) (-)

Ion 95.00 (94.70 to 95.70): BM004515.D (-264) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. -0.00 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

Tot Ion:136 Resp: 79055

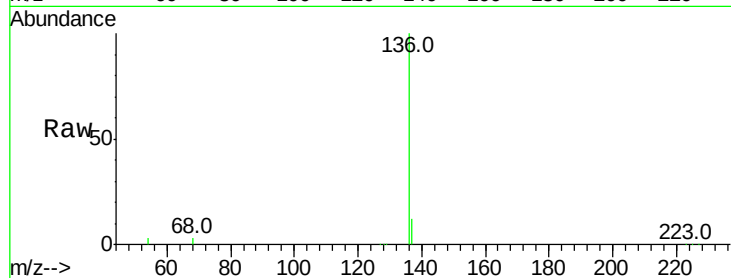
Ion Ratio Lower Upper

136 100

137 11.7 9.0 13.6

54 3.2 3.3 4.9#

68 2.9 2.9 4.3

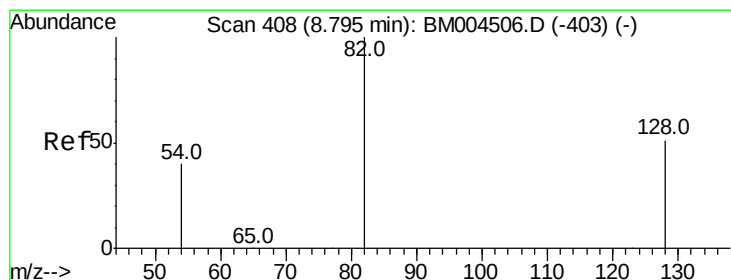
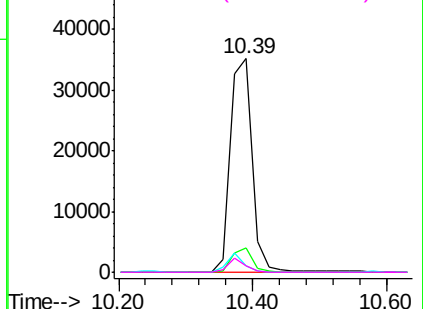
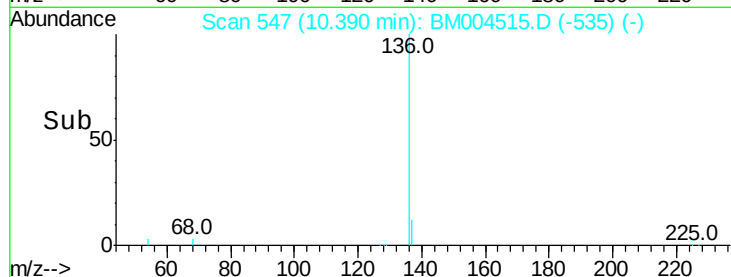


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.83 ng

RT: 8.77 min Scan# 406

Delta R.T. -0.02 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

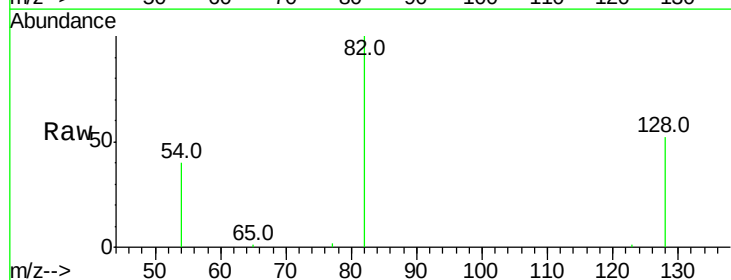
Tgt Ion: 82 Resp: 16032

Ion Ratio Lower Upper

82 100

128 51.6 41.9 62.9

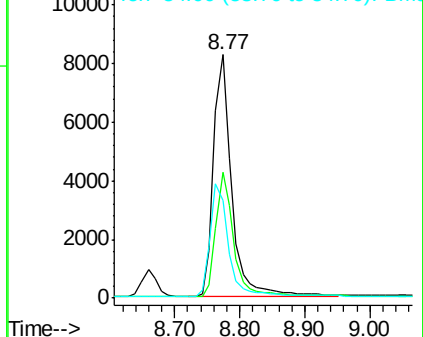
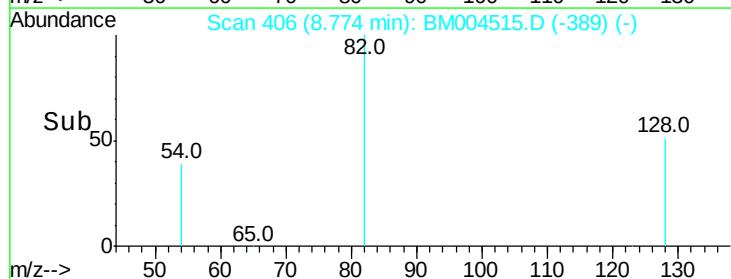
54 39.9 34.2 51.2

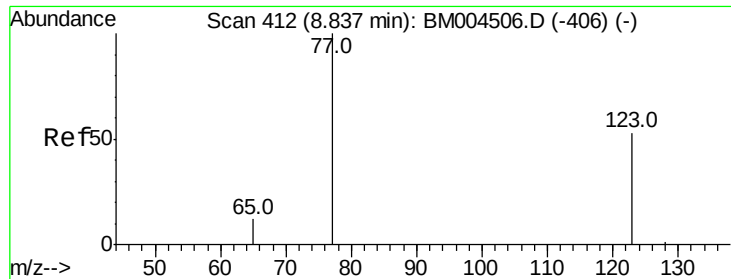


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 3.42 ng

RT: 8.82 min Scan# 410

Delta R.T. -0.02 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

Instrument :

BNA_M

ClientSampleId :

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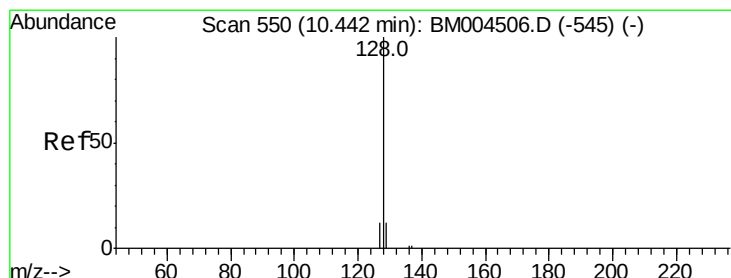
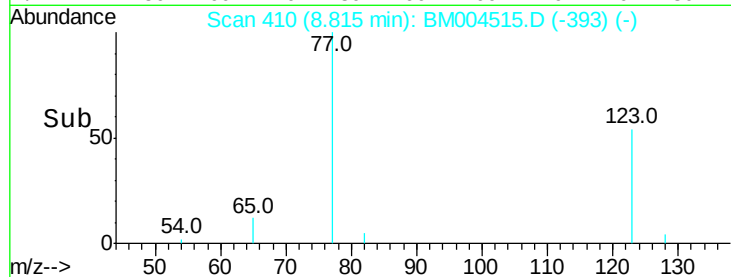
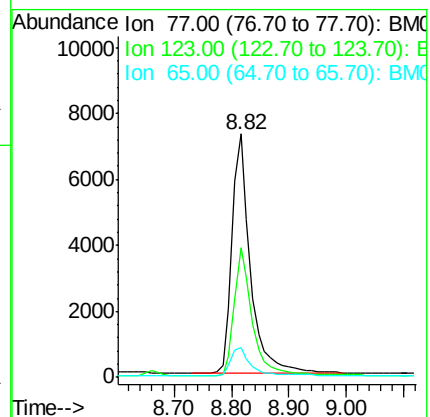
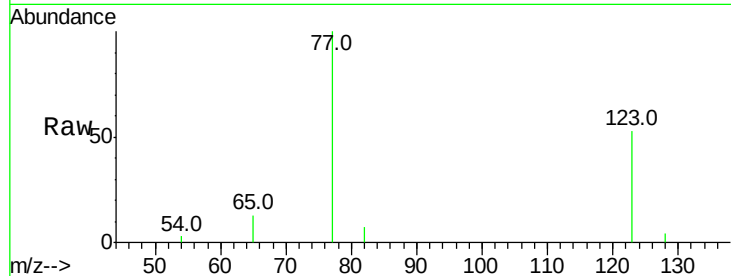
Tot Ion: 77 Resp: 16299

Ion Ratio Lower Upper

77 100

123 53.2 42.5 63.7

65 12.4 10.0 15.0



#10

Naphthalene

Concen: 3.50 ng

RT: 10.42 min Scan# 549

Delta R.T. -0.02 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

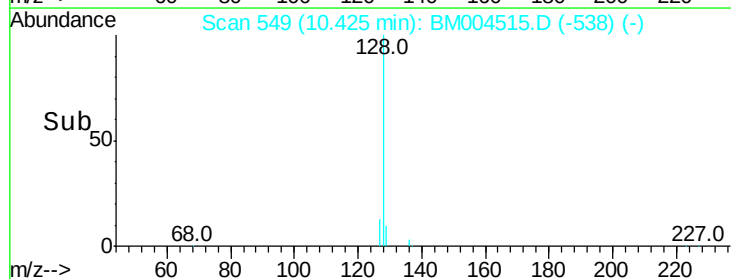
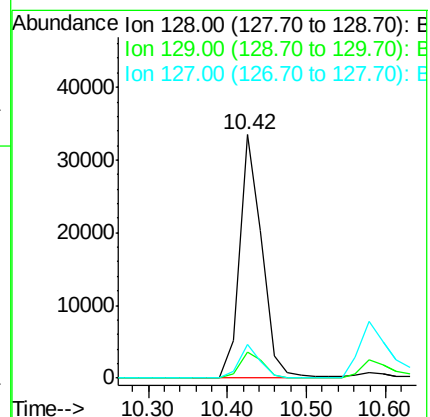
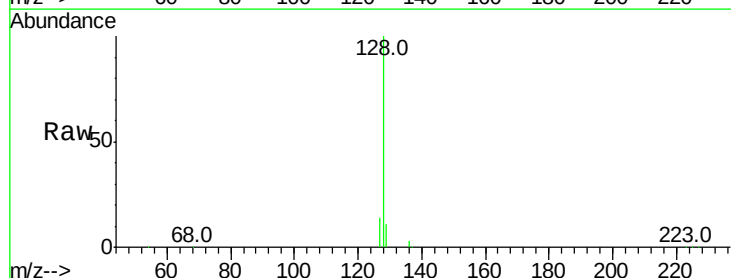
Tgt Ion: 128 Resp: 65414

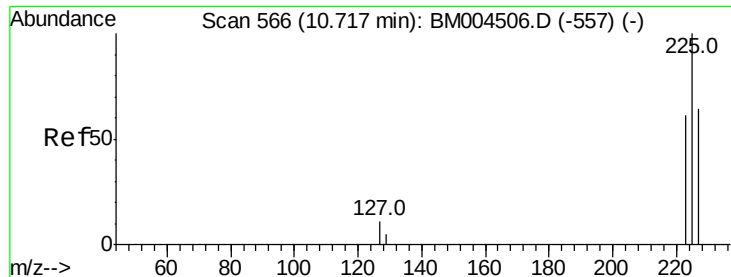
Ion Ratio Lower Upper

128 100

129 10.5 9.8 14.6

127 13.6 9.9 14.9

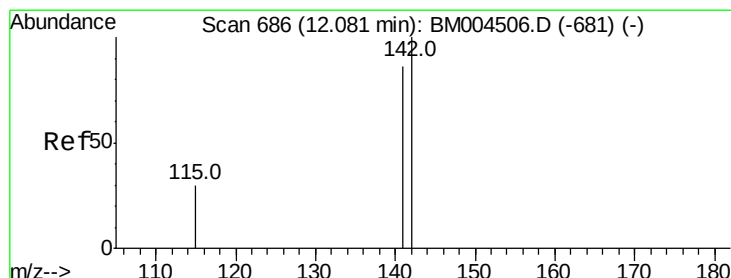
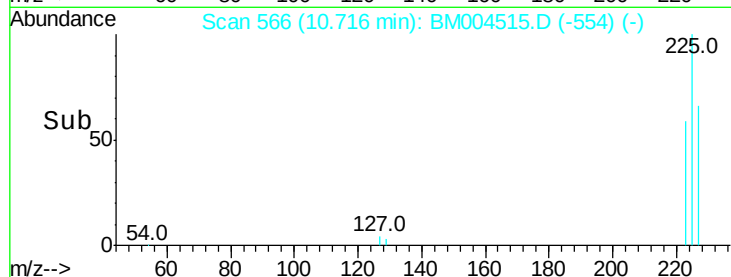
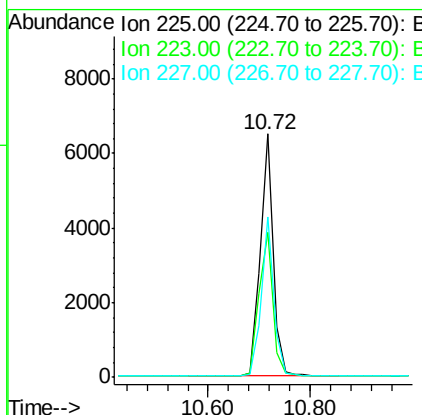
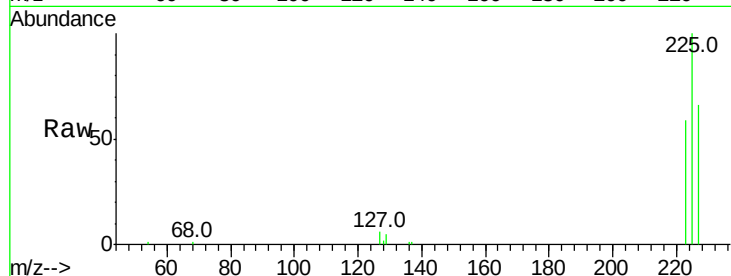




#11
Hexachlorobutadiene
Concen: 3.44 ng
RT: 10.72 min Scan# 566
Delta R.T. -0.00 min
Lab File: BM004515.D
Acq: 02 Mar 2016 12:06

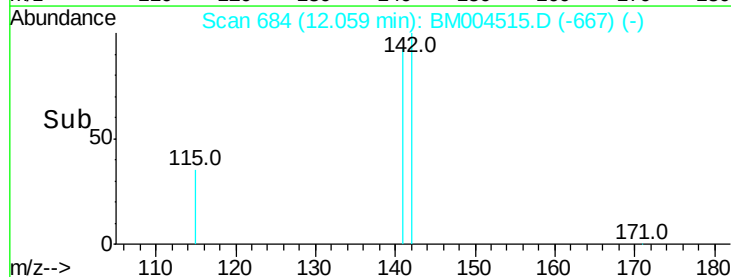
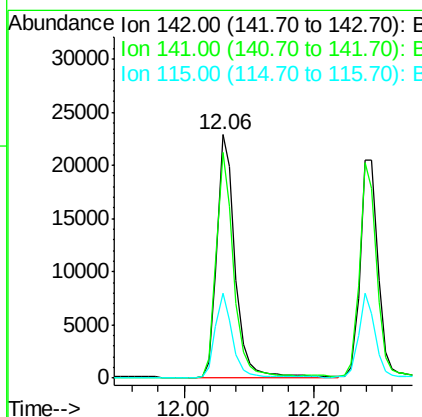
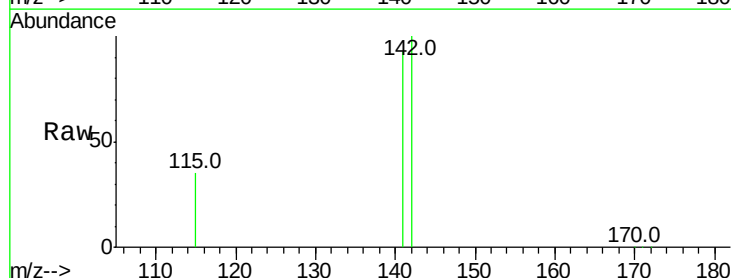
Instrument :
BNA_M
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PB88423BSD

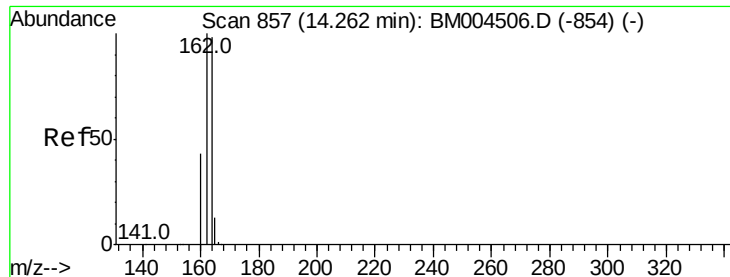
Tot Ion:225 Resp: 11086
Ion Ratio Lower Upper
225 100
223 62.9 50.7 76.1
227 63.5 51.1 76.7



#12
2-Methylnaphthalene
Concen: 3.89 ng
RT: 12.06 min Scan# 684
Delta R.T. -0.02 min
Lab File: BM004515.D
Acq: 02 Mar 2016 12:06

Tgt Ion:142 Resp: 43836
Ion Ratio Lower Upper
142 100
141 92.8 68.5 102.7
115 34.7 24.6 36.8





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. -0.00 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

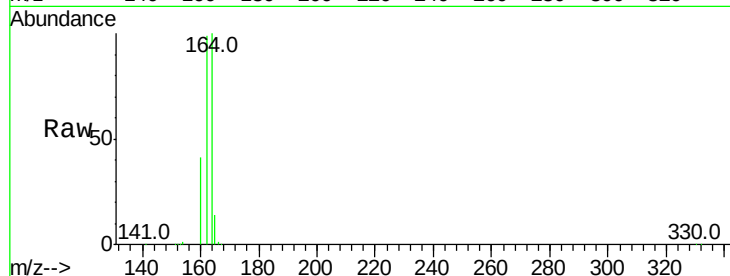
Tot Ion:164 Resp: 38678

Ion Ratio Lower Upper

164 100

162 99.0 81.6 122.4

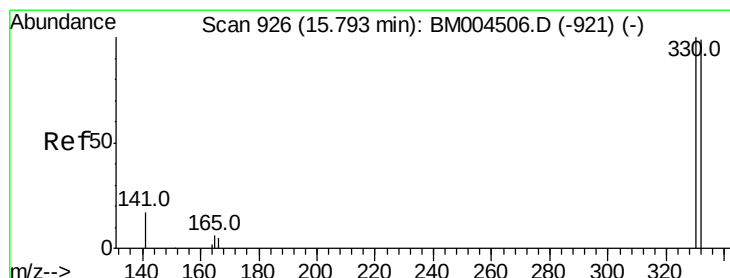
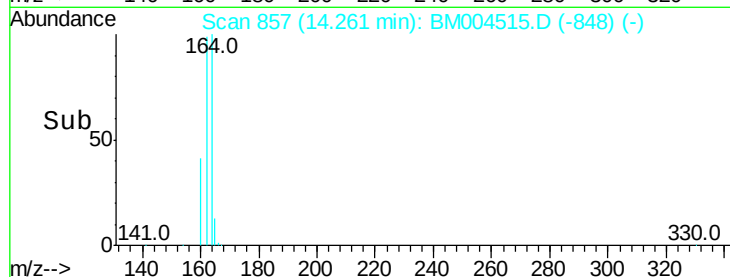
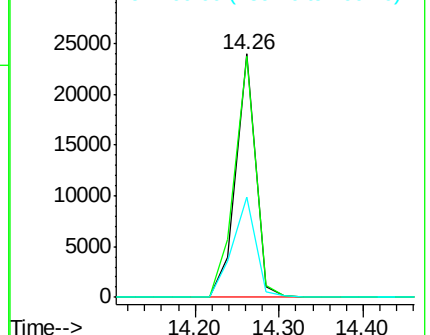
160 41.3 34.9 52.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 6.96 ng

RT: 15.77 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

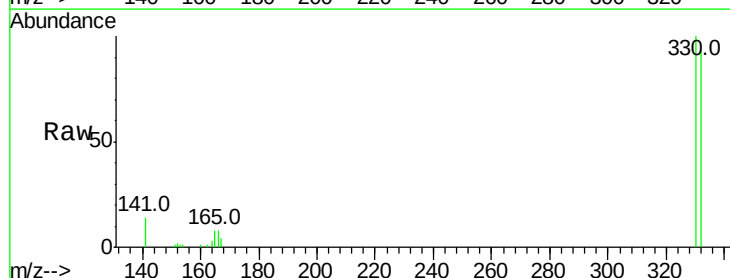
Tgt Ion:330 Resp: 9855

Ion Ratio Lower Upper

330 100

332 95.1 76.6 114.8

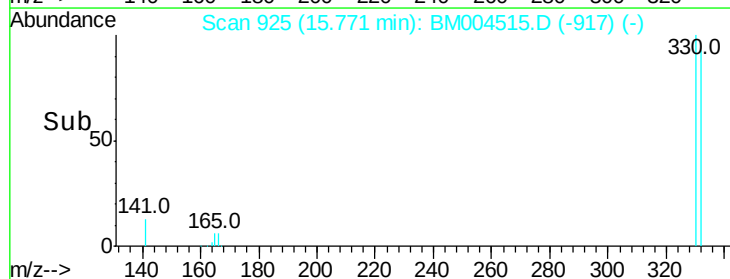
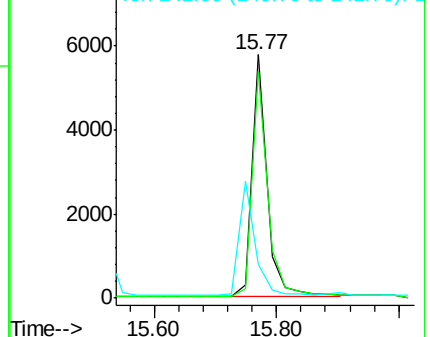
141 0.0 0.0 0.0

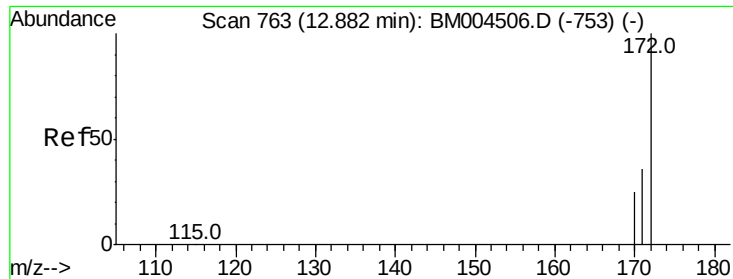


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

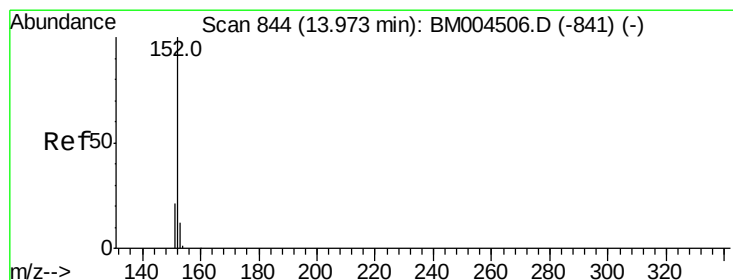
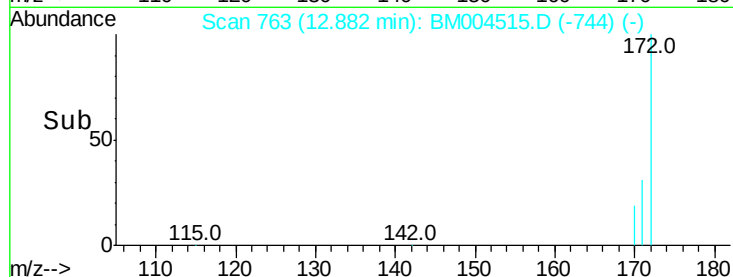
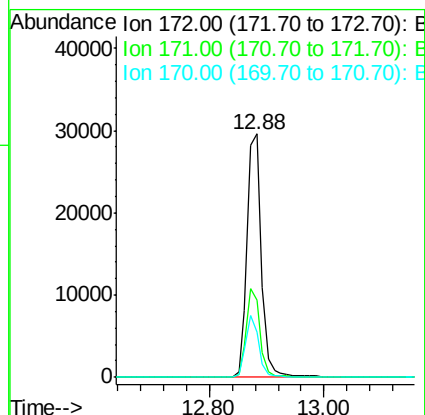
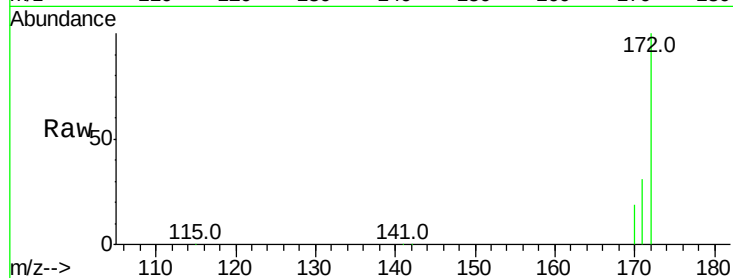




#15
2-Fluorobiphenyl
Concen: 4.26 ng
RT: 12.88 min Scan# 763
Delta R.T. -0.00 min
Lab File: BM004515.D
Acq: 02 Mar 2016 12:06

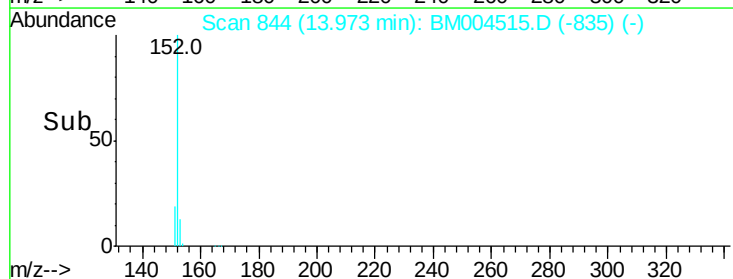
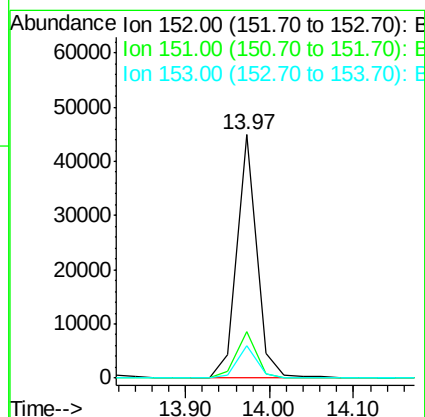
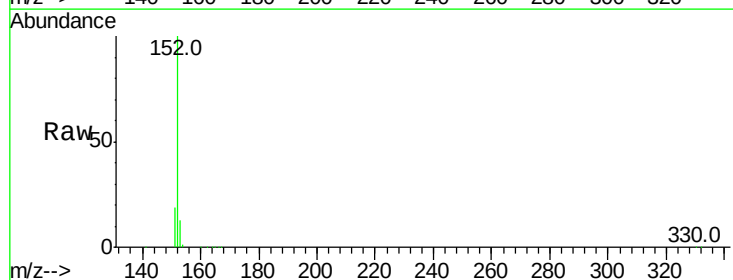
Instrument :
BNA_M
ClientSampleId :
PB88423BSD

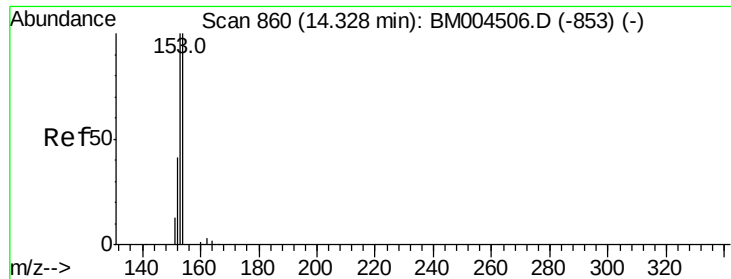
Tot Ion:172 Resp: 51228
Ion Ratio Lower Upper
172 100
171 31.5 29.5 44.3
170 18.8 20.2 30.2#



#16
Acenaphthylene
Concen: 3.74 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.00 min
Lab File: BM004515.D
Acq: 02 Mar 2016 12:06

Tgt Ion:152 Resp: 72437
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.6
153 13.1 10.2 15.4

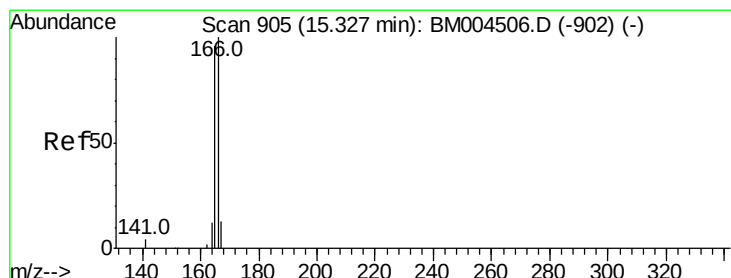
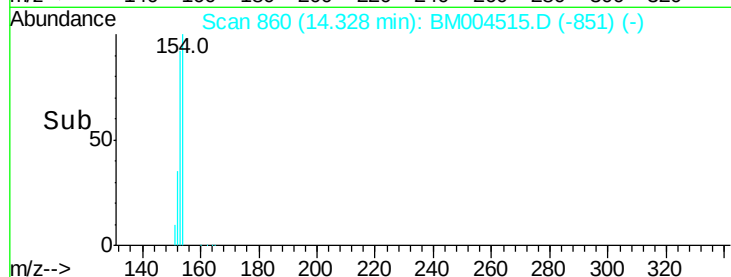
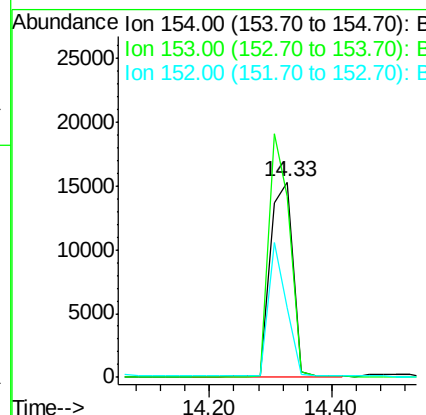
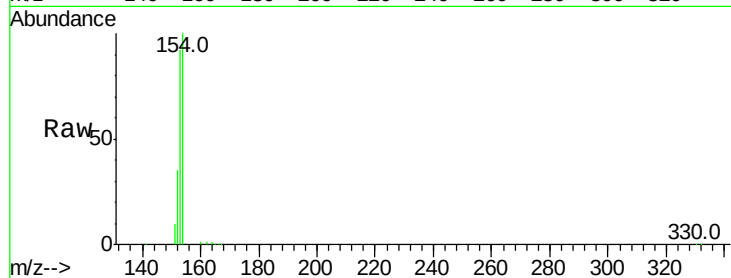




#17
Acenaphthene
Concen: 3.75 ng
RT: 14.33 min Scan# 860
Delta R.T. -0.00 min
Lab File: BM004515.D
Acq: 02 Mar 2016 12:06

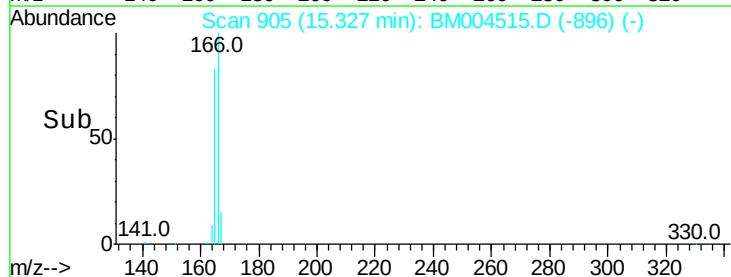
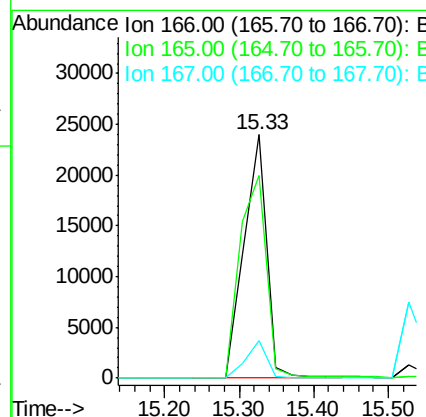
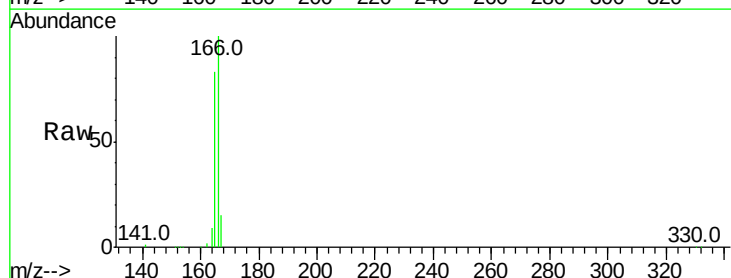
Instrument :
BNA_M
ClientSampleId :
PB88423BSD

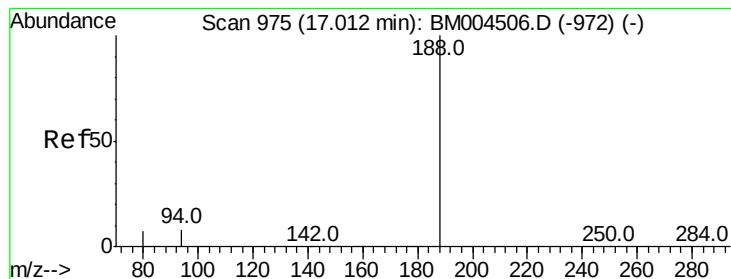
Tot Ion:154 Resp: 39358
Ion Ratio Lower Upper
154 100
153 0.0 88.7 133.1#
152 0.0 41.8 62.8#



#18
Fluorene
Concen: 3.88 ng
RT: 15.33 min Scan# 905
Delta R.T. -0.00 min
Lab File: BM004515.D
Acq: 02 Mar 2016 12:06

Tgt Ion:166 Resp: 50143
Ion Ratio Lower Upper
166 100
165 97.7 77.8 116.6
167 13.7 10.8 16.2





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 975

Delta R.T. -0.00 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

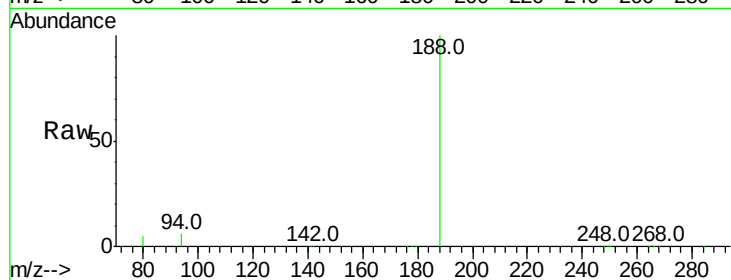
Tot Ion:188 Resp: 93788

Ion Ratio Lower Upper

188 100

94 5.8 6.3 9.5#

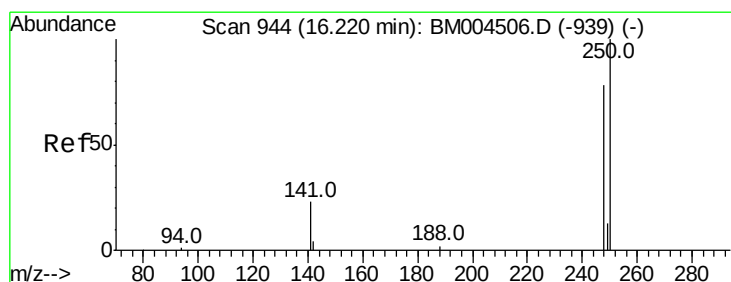
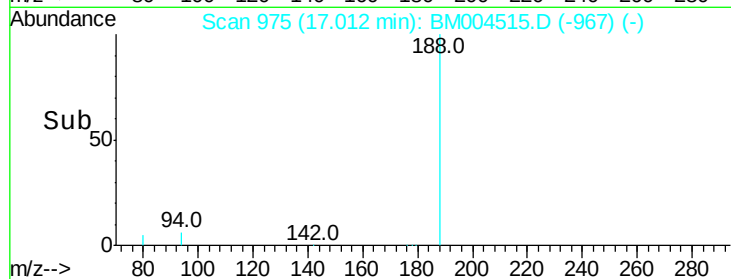
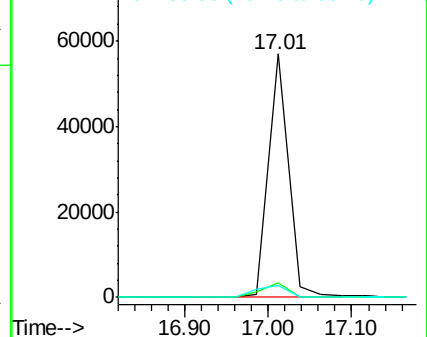
80 5.0 5.9 8.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#20

4-Bromophenyl-phenylether

Concen: 3.58 ng

RT: 16.19 min Scan# 943

Delta R.T. -0.03 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

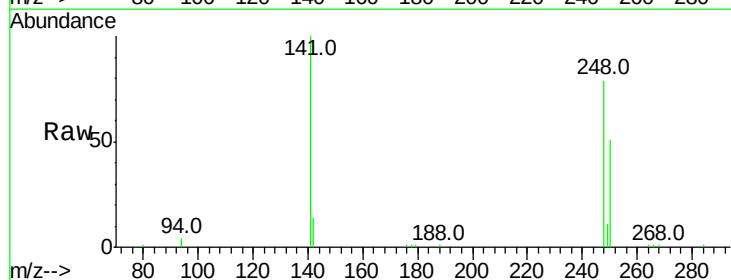
Tgt Ion:248 Resp: 13496

Ion Ratio Lower Upper

248 100

250 85.2 85.8 128.8#

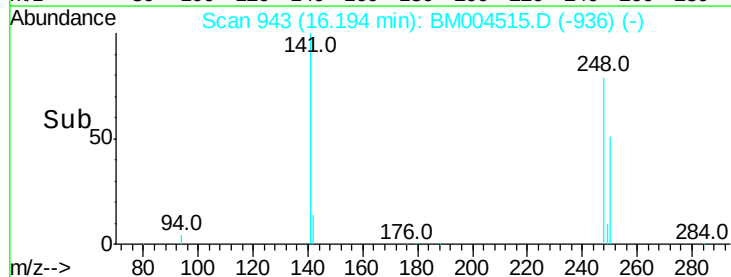
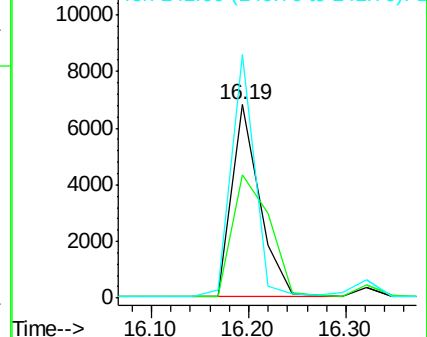
141 104.6 0.0 0.0#

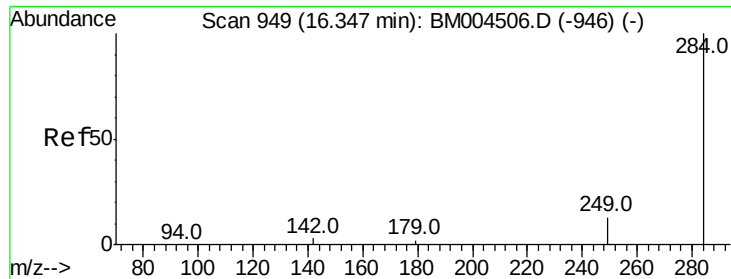


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

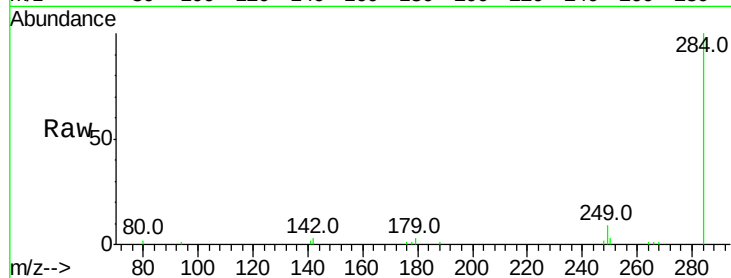




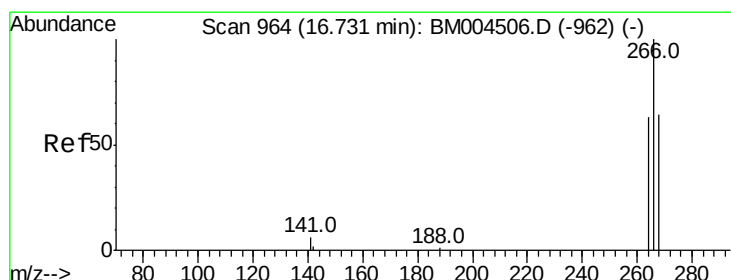
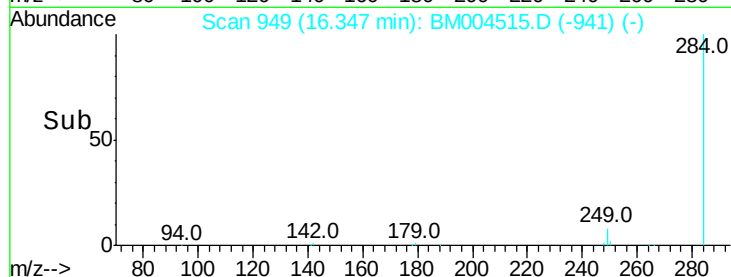
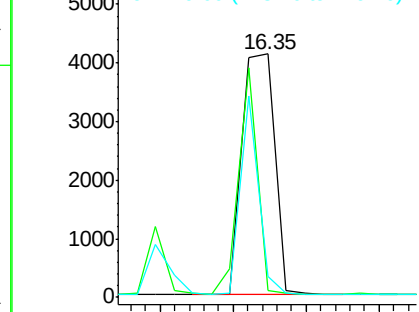
#21
Hexachlorobenzene
Concen: 3.73 ng
RT: 16.35 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM004515.D
Acq: 02 Mar 2016 12:06

Instrument :
BNA_M
ClientSampleId :
PB88423BSD

Tot Ion:284 Resp: 12658
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

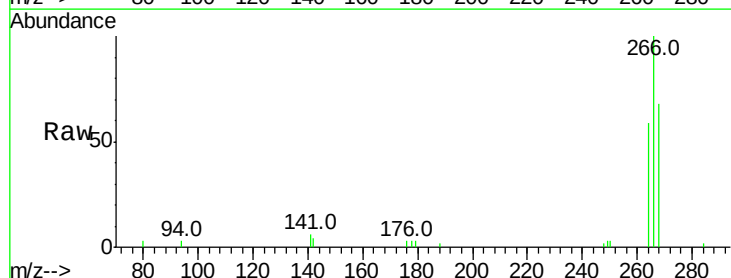


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

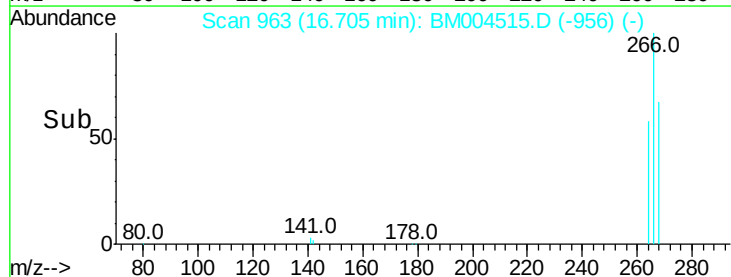
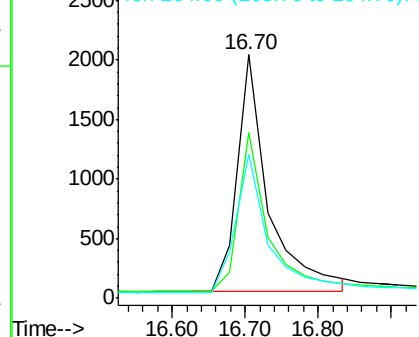


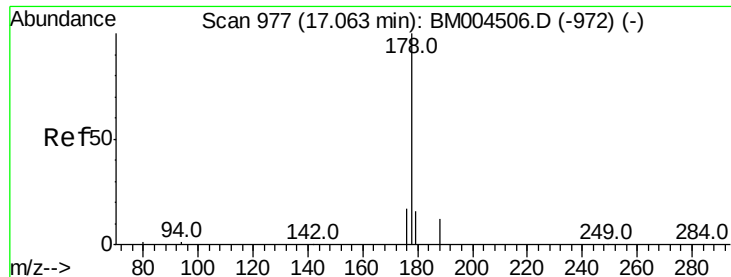
#22
Pentachlorophenol
Concen: 7.00 ng
RT: 16.70 min Scan# 963
Delta R.T. -0.03 min
Lab File: BM004515.D
Acq: 02 Mar 2016 12:06

Tgt Ion:266 Resp: 5918
Ion Ratio Lower Upper
266 100
268 68.1 63.0 94.6
264 59.0 59.6 89.4#



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: 3.99 ng/mL

RT: 17.06 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

Instrument :

BNA_M

ClientSampleID :

PB88423BSD

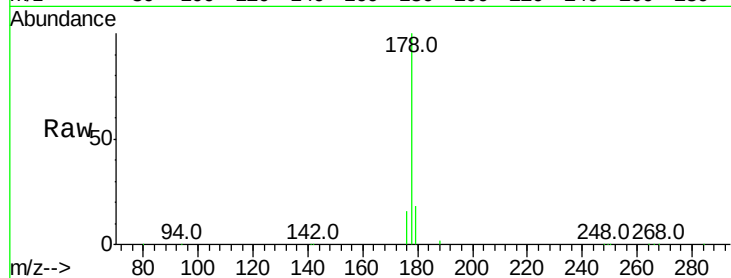
Tot Ion:178 Resp: 73863

Ion Ratio Lower Upper

178 100

176 19.6 15.0 22.4

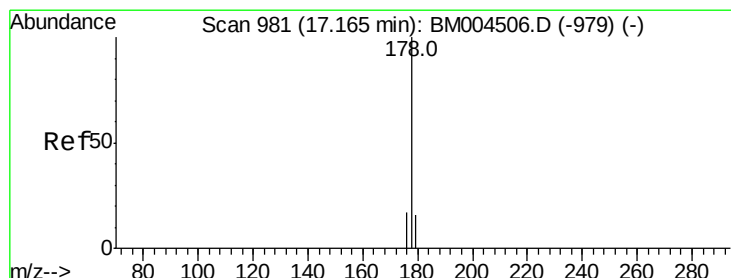
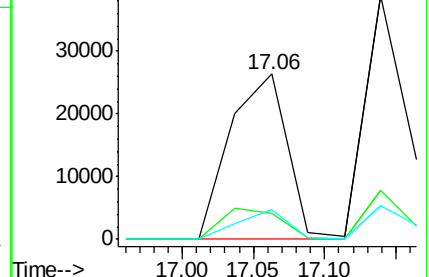
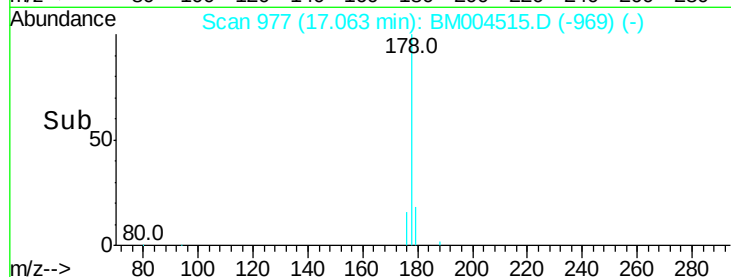
179 15.1 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 3.63 ng/mL

RT: 17.14 min Scan# 980

Delta R.T. -0.03 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

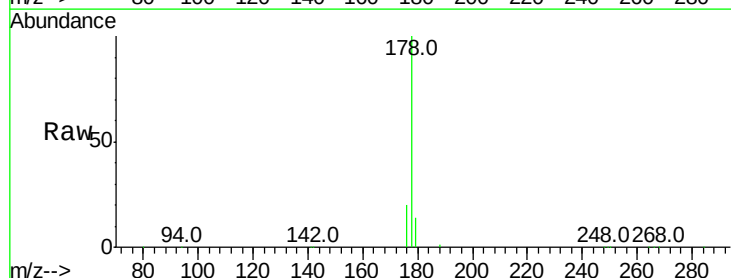
Tgt Ion:178 Resp: 81446

Ion Ratio Lower Upper

178 100

176 18.9 14.7 22.1

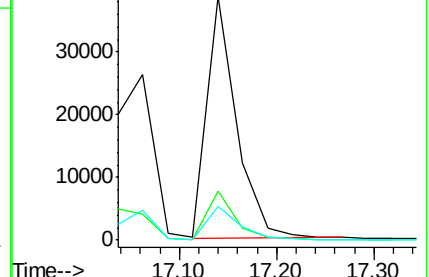
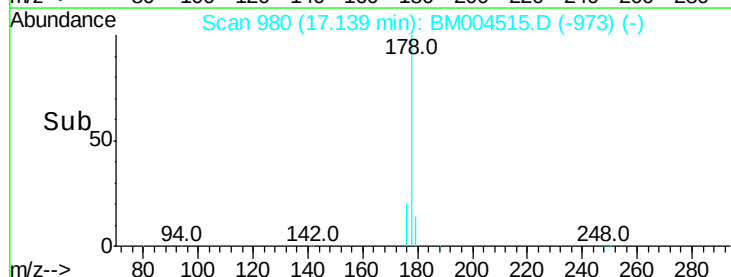
179 14.5 12.2 18.4

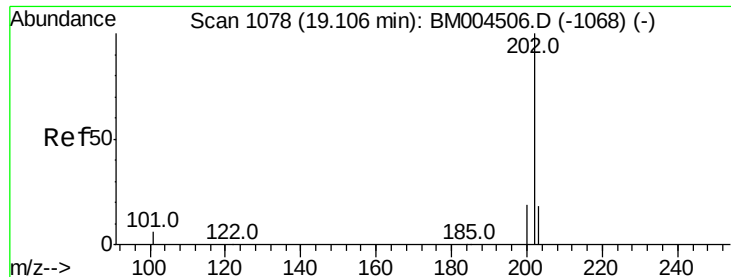


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 3.87 ng

RT: 19.09 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

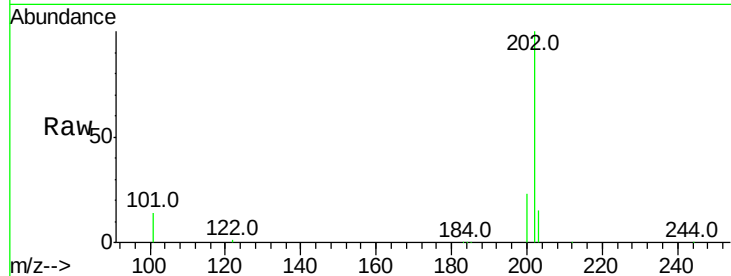
Tot Ion:202 Resp: 93379

Ion Ratio Lower Upper

202 100

101 12.1 9.8 14.8

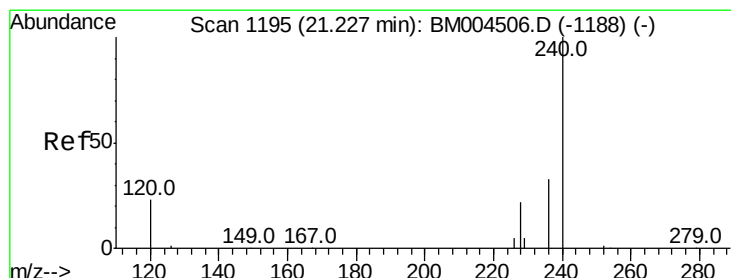
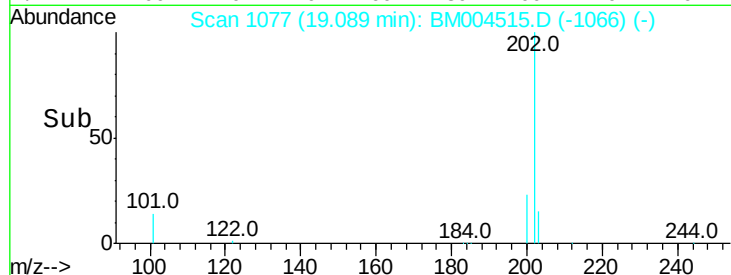
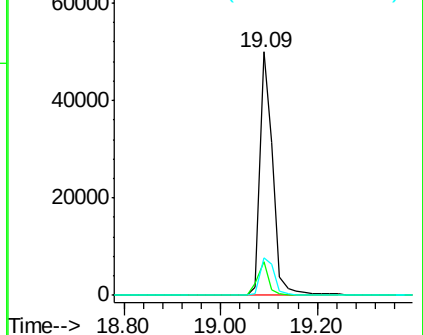
203 17.4 13.8 20.8



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: 21.23 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

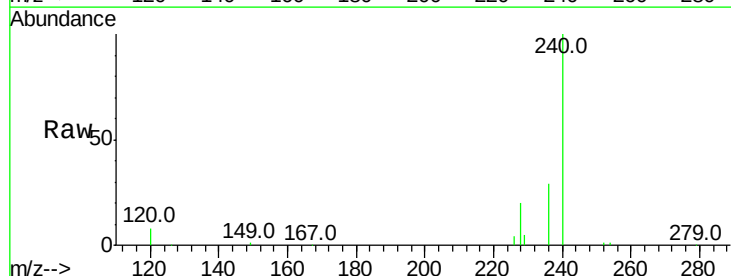
Tgt Ion:240 Resp: 79280

Ion Ratio Lower Upper

240 100

120 8.3 18.9 28.3#

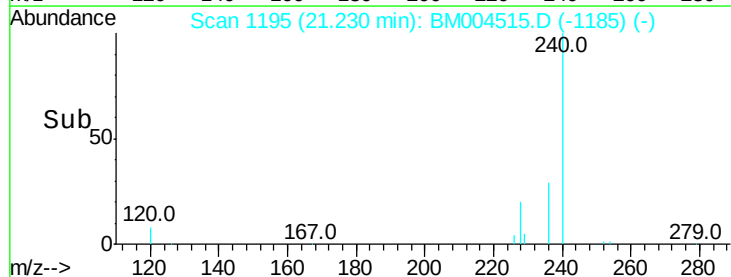
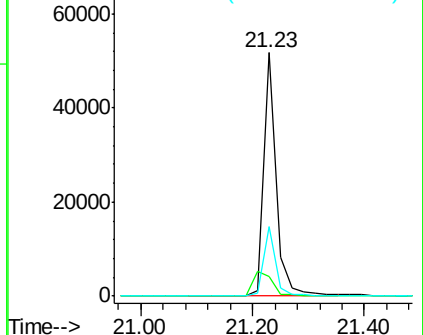
236 28.6 26.4 39.6

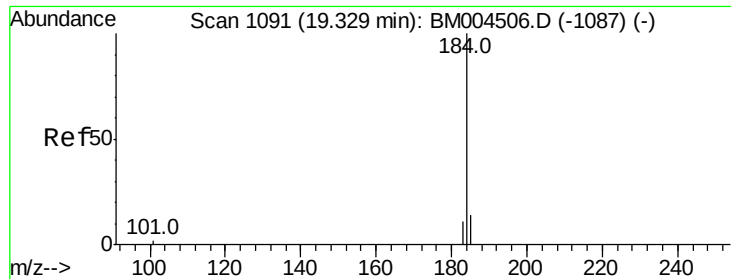


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 6.90 ng

RT: 19.29 min Scan# 1089

Delta R.T. -0.03 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

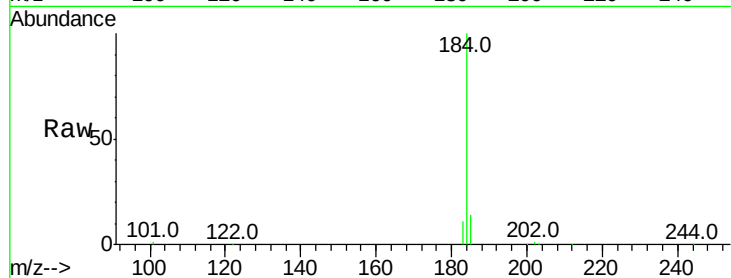
Tot Ion:184 Resp: 71485

Ion Ratio Lower Upper

184 100

185 14.4 15.0 22.4#

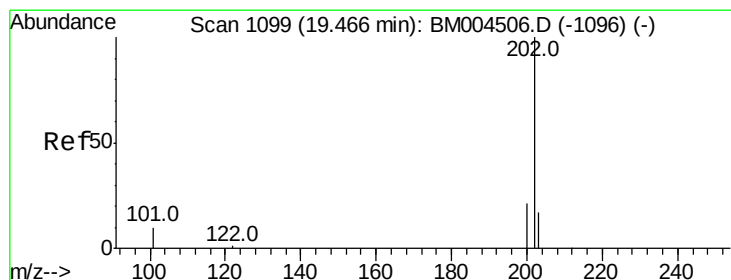
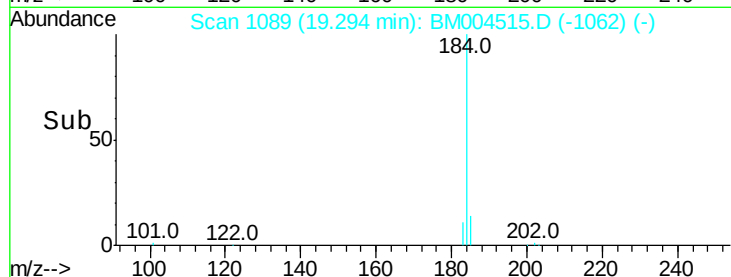
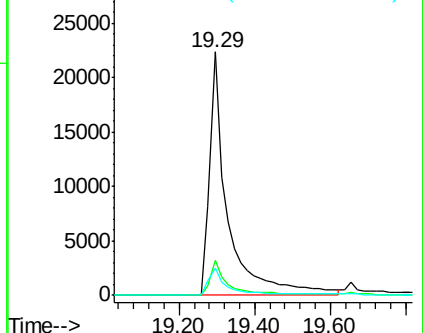
183 11.1 12.6 19.0#



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: 3.66 ng

RT: 19.47 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

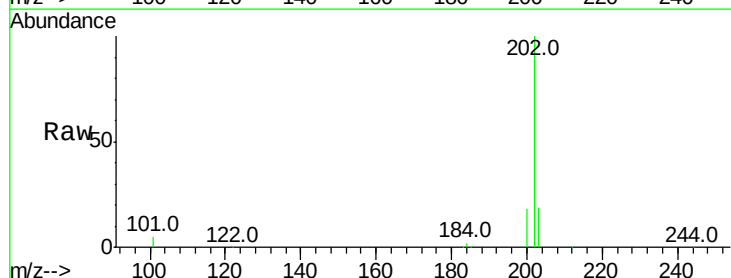
Tgt Ion:202 Resp: 98373

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

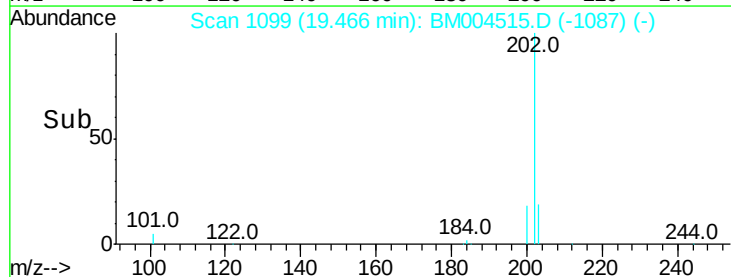
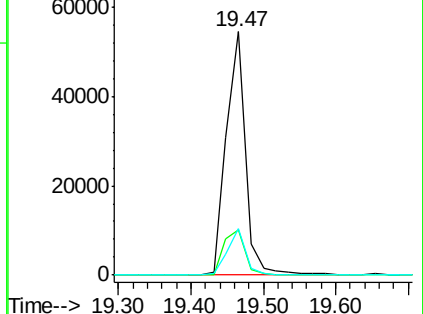
203 17.9 13.7 20.5

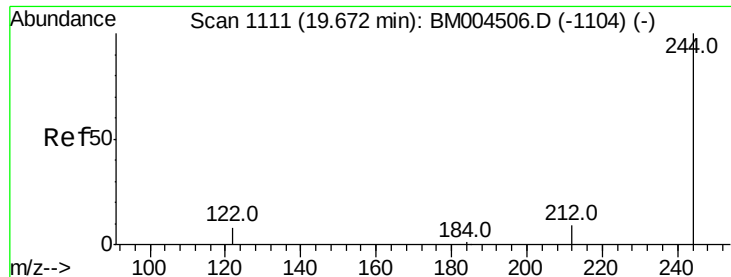


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.56 ng

RT: 19.67 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

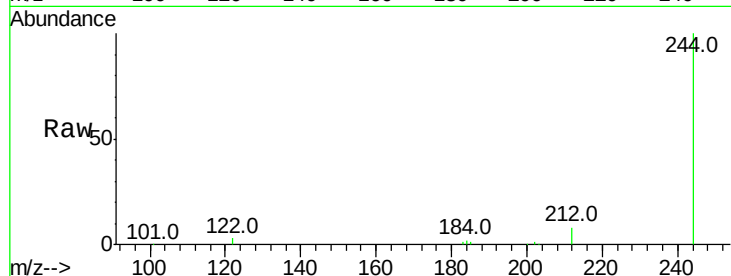
Tot Ion:244 Resp: 42254

Ion Ratio Lower Upper

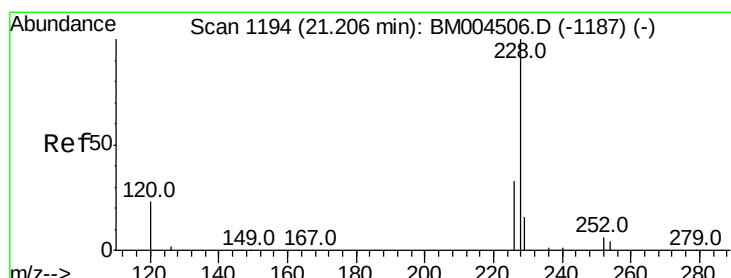
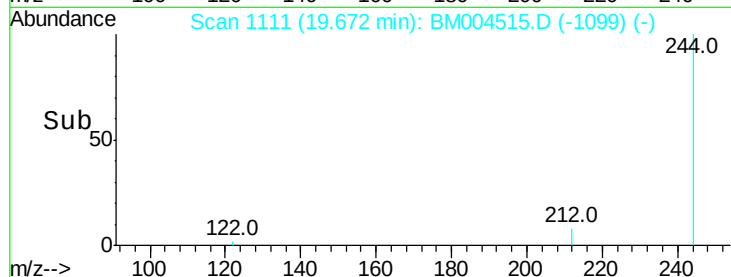
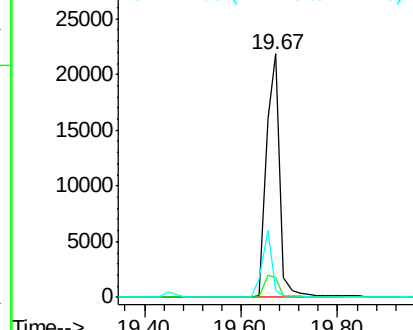
244 100

212 8.2 7.8 11.6

122 3.0 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 3.75 ng m

RT: 21.21 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

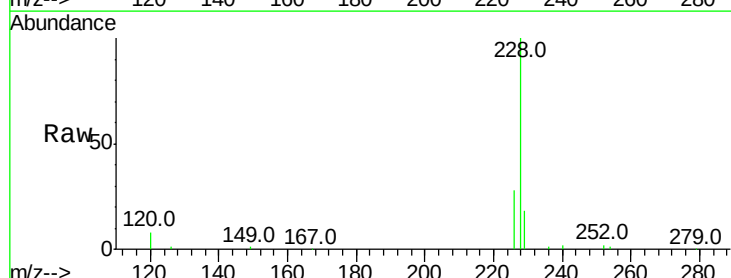
Tgt Ion:228 Resp: 91866

Ion Ratio Lower Upper

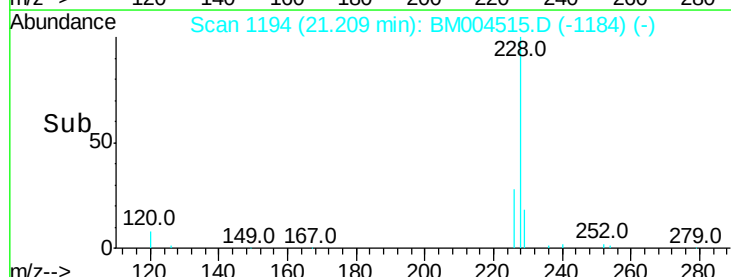
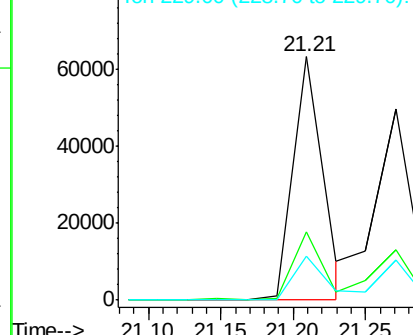
228 100

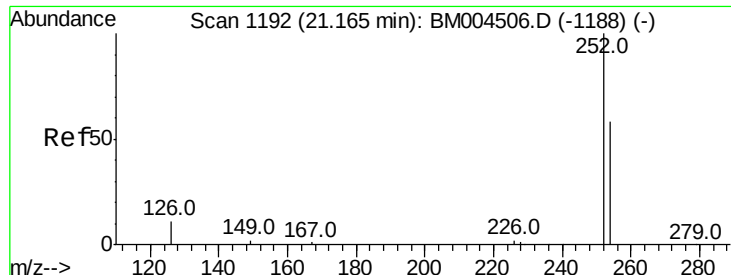
226 28.1 27.0 40.4

229 18.1 13.1 19.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

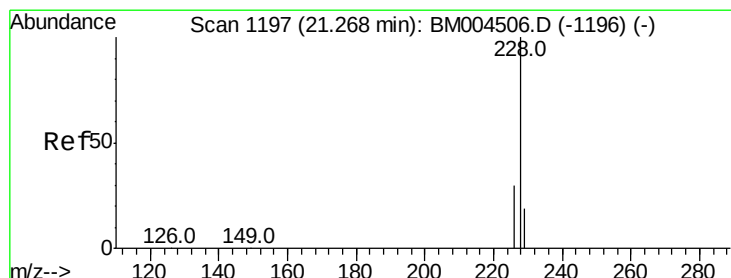
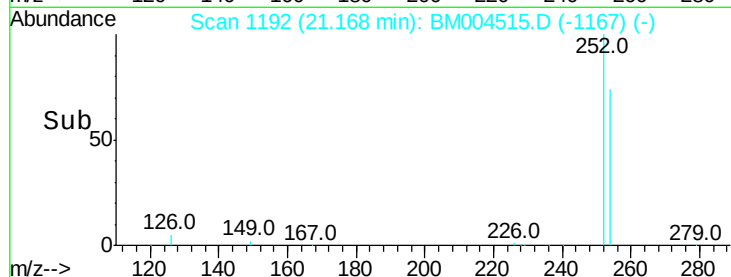
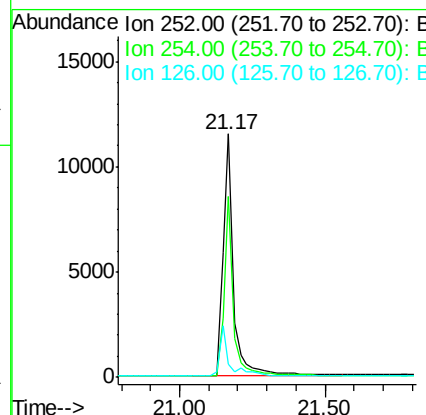
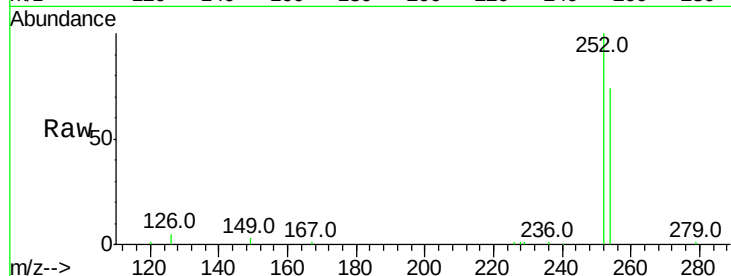




#31
 3,3'-Dichlorobenzidine
 Concen: 3.83 ng
 RT: 21.17 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BM004515.D
 Acq: 02 Mar 2016 12:06

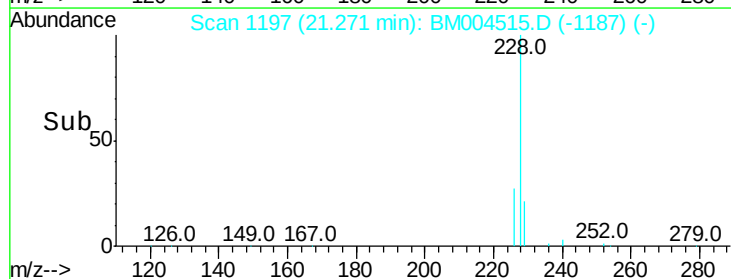
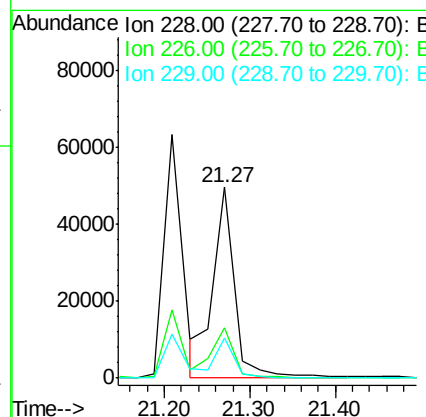
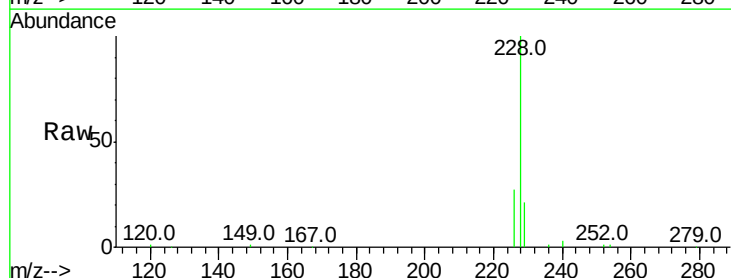
Instrument :
 BNA_M
 ClientSampleId :
 PB88423BSD

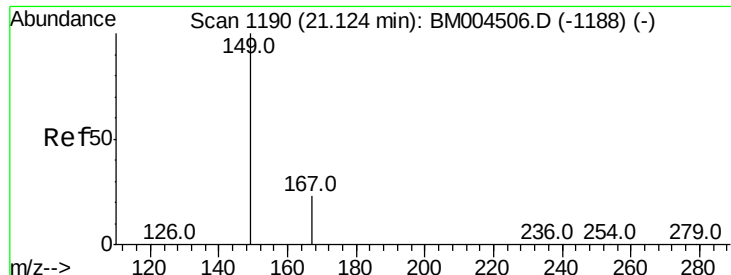
Tot Ion:252 Resp: 29063
 Ion Ratio Lower Upper
 252 100
 254 74.2 47.4 71.0#
 126 5.4 11.0 16.6#



#32
 Chrysene
 Concen: 3.85 ng m
 RT: 21.27 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BM004515.D
 Acq: 02 Mar 2016 12:06

Tgt Ion:228 Resp: 89145
 Ion Ratio Lower Upper
 228 100
 226 26.6 24.6 37.0
 229 21.2 15.2 22.8





#33

Bis(2-ethylhexyl)phthalate

Concen: 4.19 ng

RT: 21.13 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

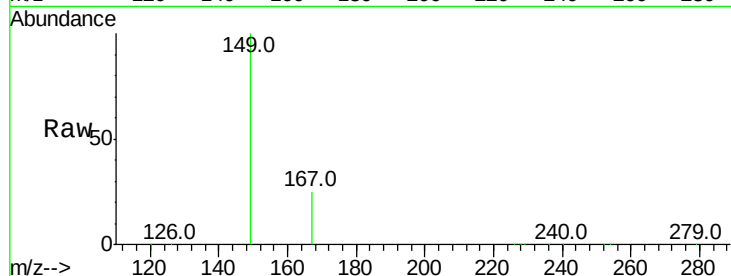
Tot Ion:149 Resp: 67123

Ion Ratio Lower Upper

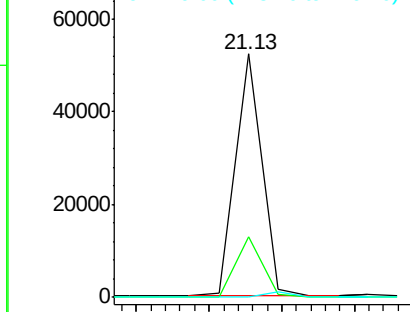
149 100

167 25.3 20.2 30.4

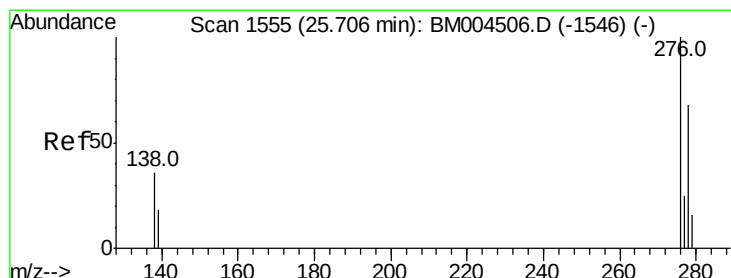
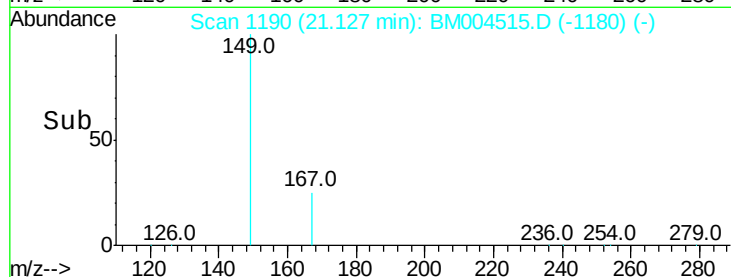
279 0.0 0.0 0.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



Time--> 21.05 21.10 21.15 21.20



#34

Indeno(1,2,3-cd)pyrene

Concen: 3.71 ng

RT: 25.69 min Scan# 1553

Delta R.T. -0.02 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

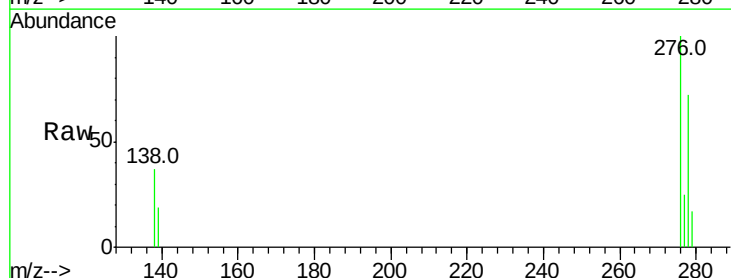
Tgt Ion:276 Resp: 86115

Ion Ratio Lower Upper

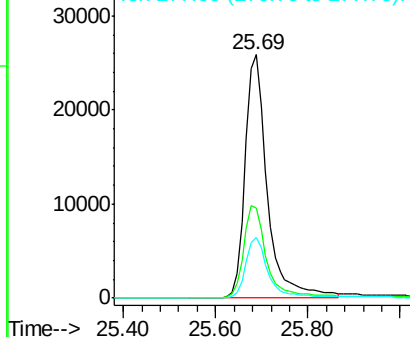
276 100

138 39.1 31.0 46.4

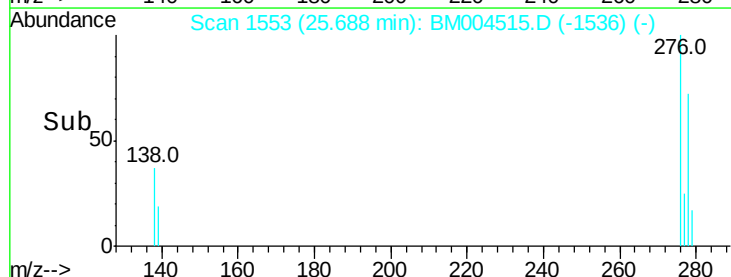
277 24.9 19.9 29.9

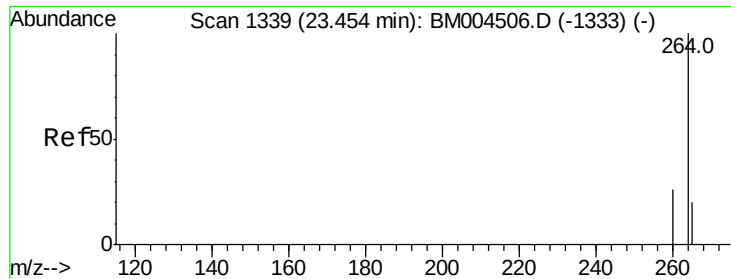


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time--> 25.40 25.60 25.80



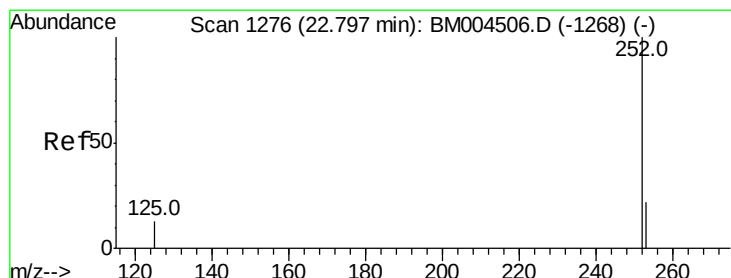
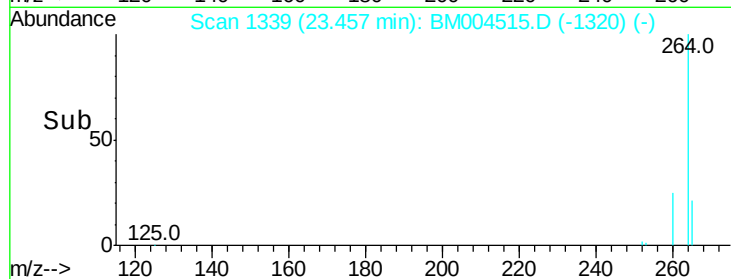
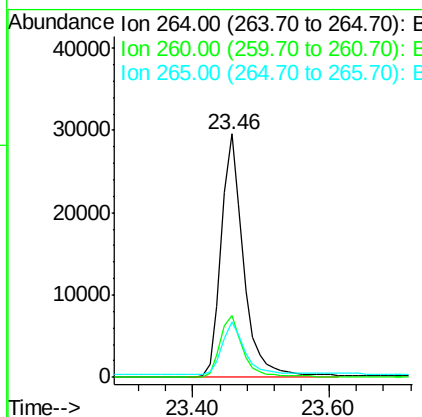
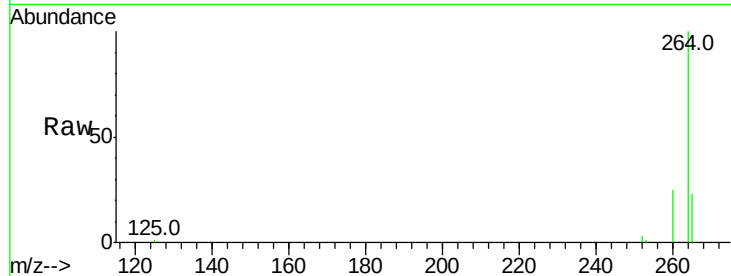


#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BM004515.D
Acq: 02 Mar 2016 12:06

Instrument :
BNA_M
ClientSampleId :
PB88423BSD

Tot Ion:264 Resp: 66843

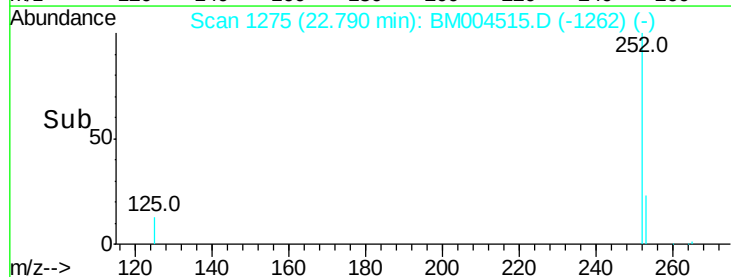
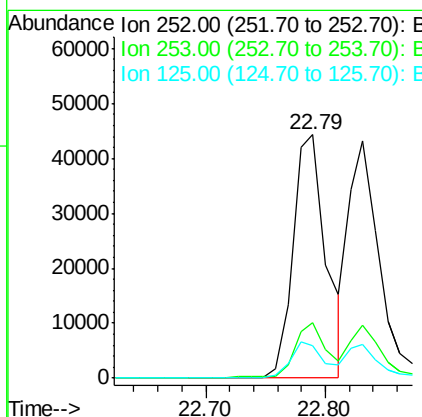
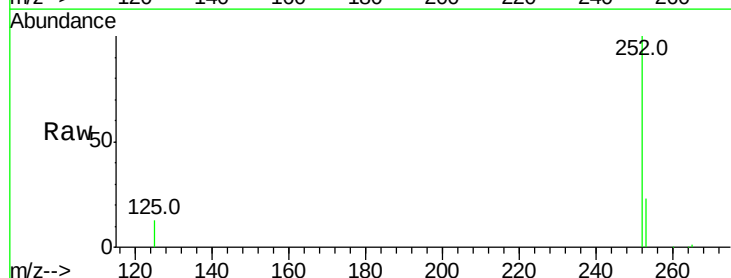
Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.2	31.8
265	22.5	17.4	26.0

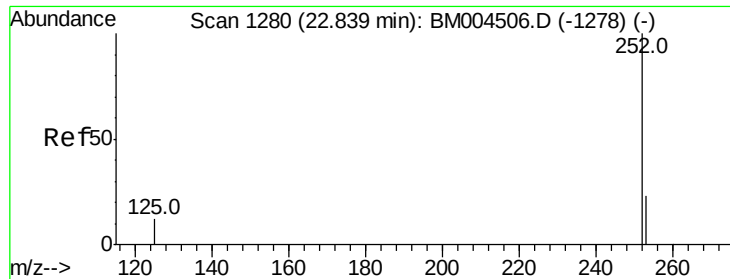


#36
Benzo(b)fluoranthene
Concen: 4.50 ng
RT: 22.79 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BM004515.D
Acq: 02 Mar 2016 12:06

Tgt Ion:252 Resp: 92814

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.0	28.4
125	13.3	11.7	17.5

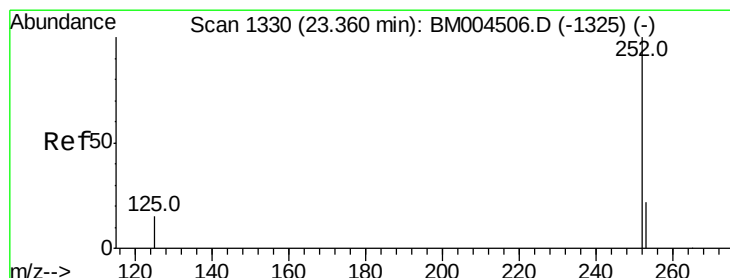
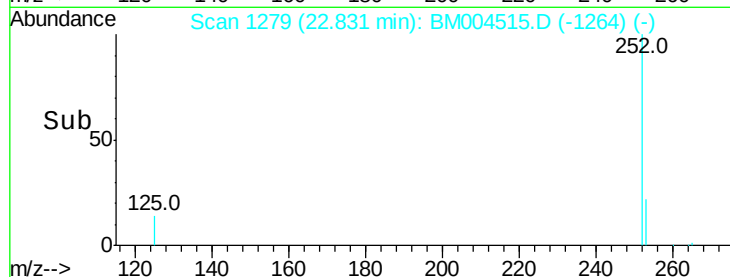
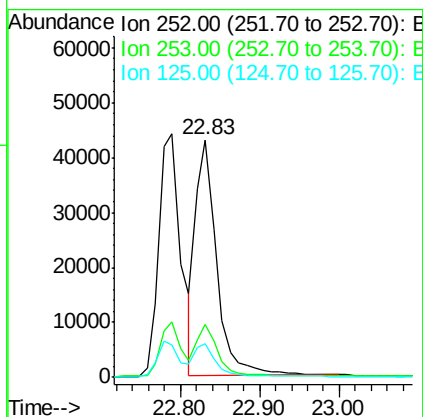
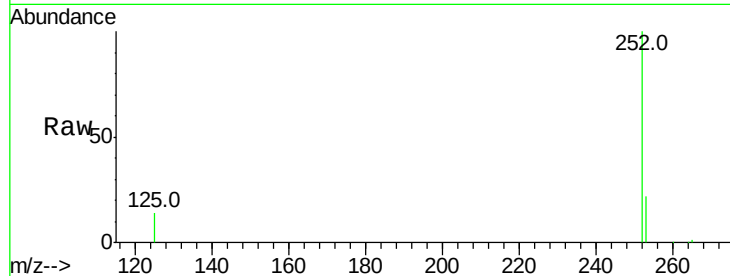




#37
Benzo(k)fluoranthene
Concen: 3.88 ng
RT: 22.83 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BM004515.D
Acq: 02 Mar 2016 12:06

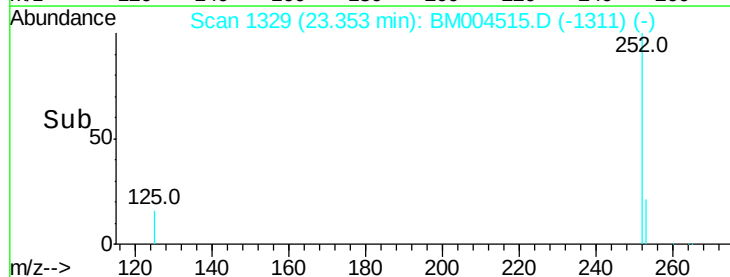
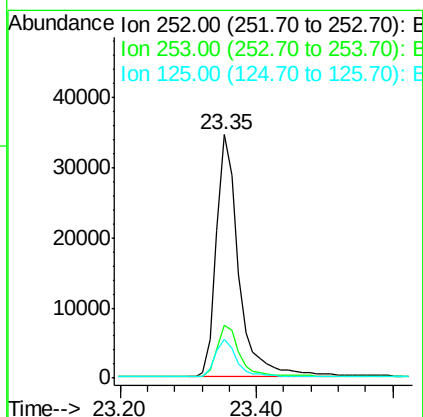
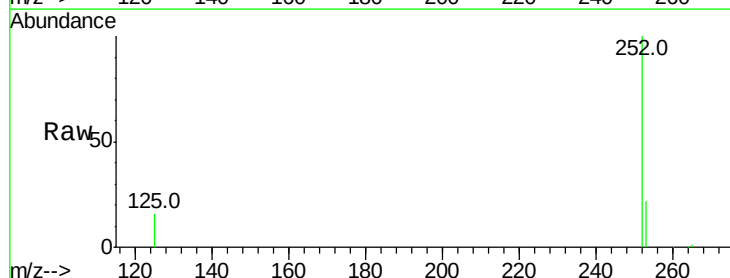
Instrument :
BNA_M
ClientSampleId :
PB88423BSD

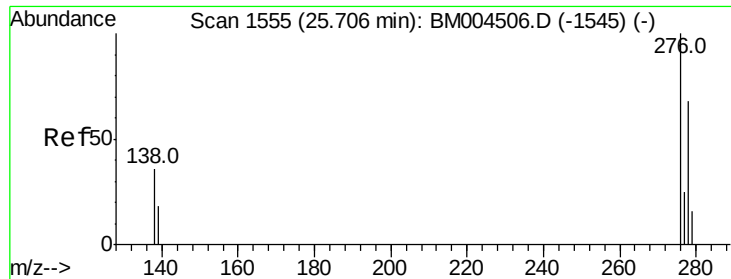
Tot Ion:252 Resp: 79365
Ion Ratio Lower Upper
252 100
253 22.2 18.9 28.3
125 14.0 11.9 17.9



#38
Benzo(a)pyrene
Concen: 3.95 ng
RT: 23.35 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BM004515.D
Acq: 02 Mar 2016 12:06

Tgt Ion:252 Resp: 78368
Ion Ratio Lower Upper
252 100
253 21.7 19.0 28.6
125 16.2 13.7 20.5





#39

Dibenzo(a,h)anthracene

Concen: 4.17 ng

RT: 25.69 min Scan# 1553

Delta R.T. -0.02 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

Instrument :

BNA_M

ClientSampleId :

PB88423BSD

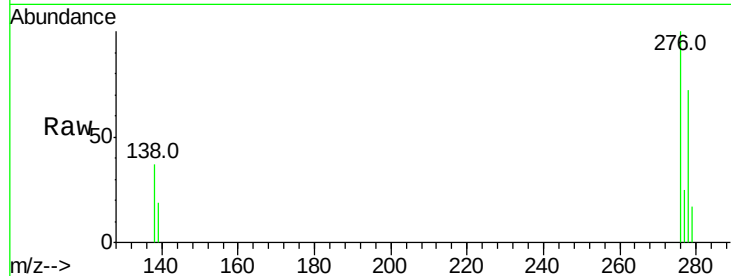
Tot Ion:278 Resp: 68388

Ion Ratio Lower Upper

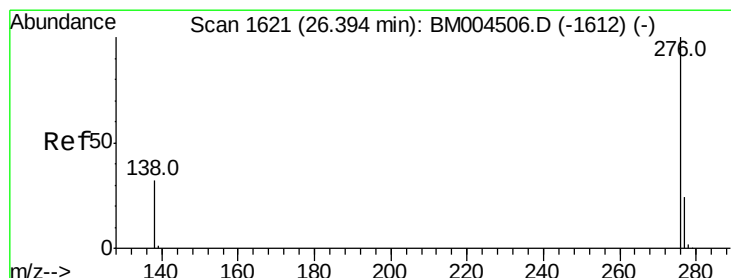
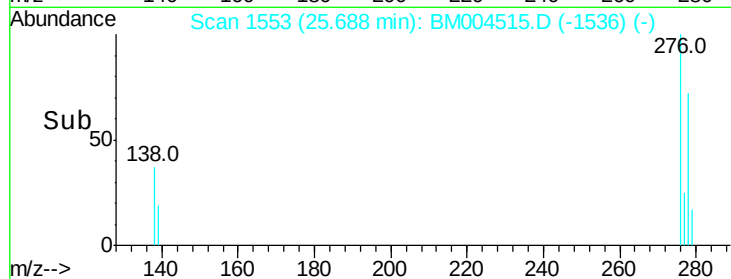
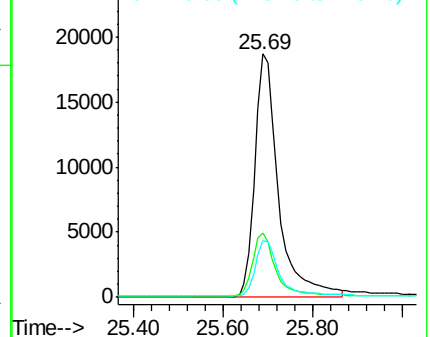
278 100

139 26.6 22.6 33.8

279 23.3 20.1 30.1



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: 4.01 ng

RT: 26.38 min Scan# 1619

Delta R.T. -0.02 min

Lab File: BM004515.D

Acq: 02 Mar 2016 12:06

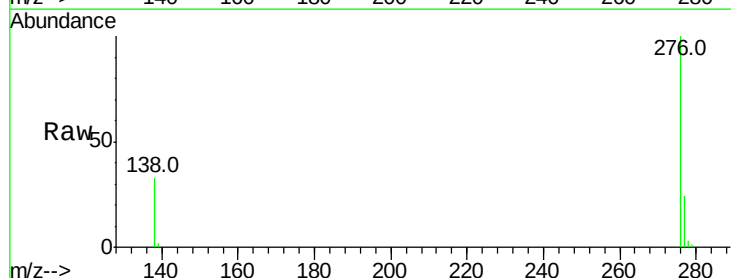
Tgt Ion:276 Resp: 74613

Ion Ratio Lower Upper

276 100

277 23.7 19.8 29.8

138 33.1 26.6 40.0



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

