

Data Path : S:\HPCHEM1\BNA_M\DATA\BM041015\
 Data File : BM000938.D
 Acq On : 10 Apr 2015 14:10
 Operator : TP/IZ
 Sample : PB82421BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB82421BS

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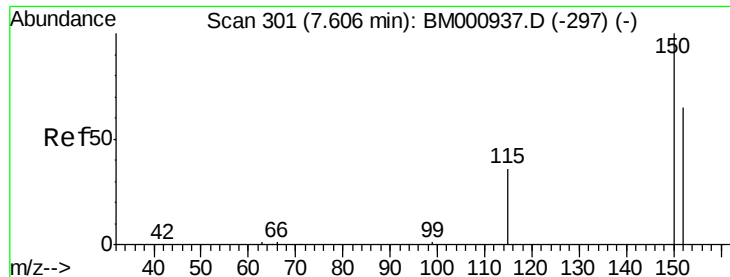
Quant Time: Apr 10 23:28:06 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM040915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 23:03:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	29919	5.00	ng	0.00
8) Naphthalene-d8	10.38	136	112076	5.00	ng	0.00
17) Acenaphthene-d10	14.26	164	62495	5.00	ng	0.00
24) Phenanthrene-d10	17.00	188	118778	5.00	ng	0.00
30) Chrysene-d12	21.20	240	105508	5.00	ng	0.00
38) Perylene-d12	23.38	264	92977	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	69058	10.91	ng	0.00
5) Phenol-d6	6.78	99	89220	11.77	ng	0.00
9) Nitrobenzene-d5	8.76	82	50282	9.29	ng	0.00
18) 2,4,6-Tribromophenol	15.76	330	27833	10.70	ng	0.00
19) 2-Fluorobiphenyl	12.88	172	144394	8.25	ng	0.00
33) Terphenyl-d14	19.65	244	124492	9.69	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	18460	7.32	ng	93
3) n-Nitrosodimethylamine	3.41	42	23235	7.99	ng	# 59
6) Phenol	6.80	94	59158	7.59	ng	# 47
7) bis(2-Chloroethyl)ether	7.02	93	52856	7.74	ng	# 1
10) Nitrobenzene	8.80	77	56401	7.10	ng	95
11) 2,4-Dimethylphenol	9.56	122	47084	7.63	ng	94
12) 2,4-Dichlorophenol	10.03	162	42724	7.85	ng	87
13) Naphthalene	10.44	128	166090	7.34	ng	99
14) Hexachlorobutadiene	10.74	225	29183	7.06	ng	99
15) 2-Methylnaphthalene	12.06	142	116244	7.53	ng	98
16) 1-Methylnaphthalene	12.29	142	105526	6.78	ng	100
20) Acenaphthylene	13.97	152	181413	6.99	ng	93
21) Acenaphthene	14.31	154	122643	7.11	ng	# 63
22) 2,4-Dinitrophenol	14.38	184	20661m	11.28	ng	
23) Fluorene	15.30	166	155117	7.73	ng	# 71
25) Hexachlorobenzene	16.33	284	53019m	8.25	ng	
26) Pentachlorophenol	16.66	266	42563	16.60	ng	# 82
27) Phenanthrene	17.05	178	249270	8.12	ng	94
28) Anthracene	17.13	178	243609m	8.66	ng	
29) Fluoranthene	19.06	202	262844	8.19	ng	84
31) Benzidine	19.27	184	176780	12.53	ng	# 96
32) Pyrene	19.44	202	293287	8.55	ng	95
34) Benzo(a)anthracene	21.19	228	252916	8.31	ng	99
35) 3,3'-Dichlorobenzidine	21.13	252	84426	7.11	ng	# 98
36) Chrysene	21.23	228	255562	8.21	ng	99
37) Indeno(1,2,3-cd)pyrene	25.56	276	257069	8.09	ng	99
39) Benzo(b)fluoranthene	22.72	252	237938	8.18	ng	99
40) Benzo(k)fluoranthene	22.78	252	250439	8.94	ng	96
41) Benzo(a)pyrene	23.29	252	230863	9.01	ng	98
42) Dibenzo(a,h)anthracene	25.58	278	206155	8.68	ng	97
43) Benzo(g,h,i)perylene	26.23	276	220855	8.42	ng	97

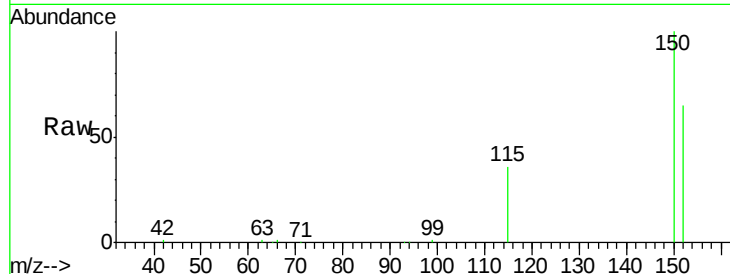
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 301
Delta R.T. 0.00 min
Lab File: BM000938.D
Acq: 10 Apr 2015 14:10

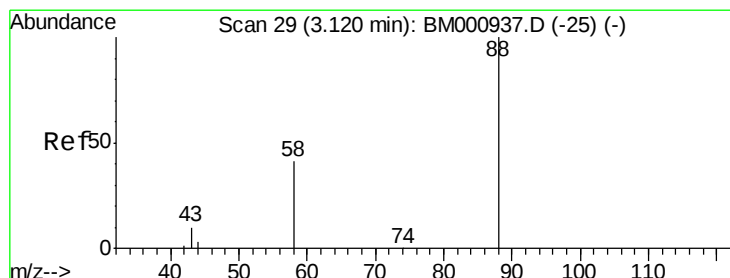
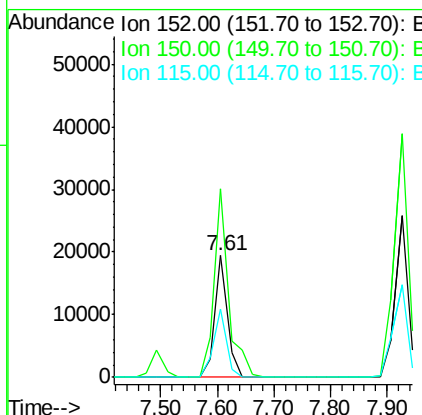
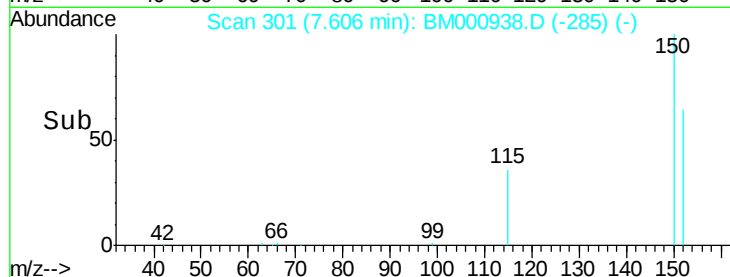
Instrument :
BNA_M
ClientSampled :
PB82421BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.4	188.2
115	56.0	45.9	68.9

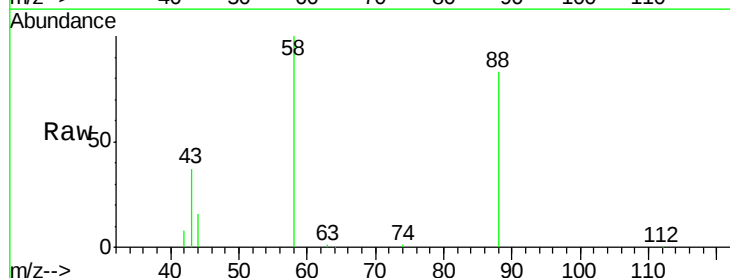
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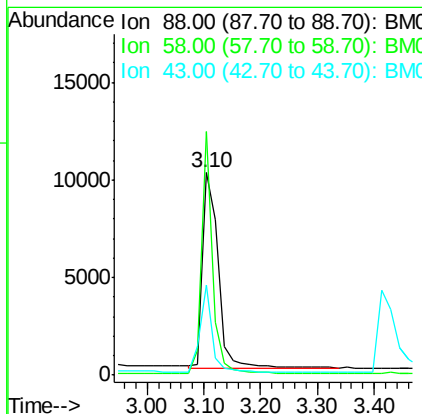
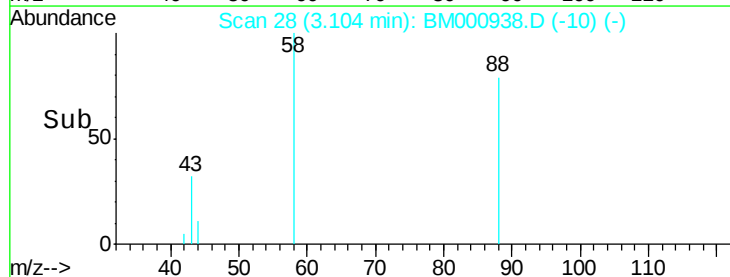


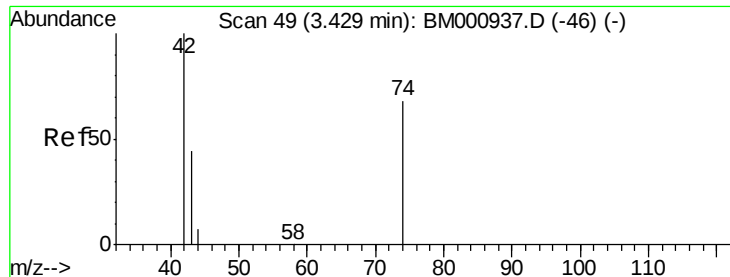
#2

1,4-Dioxane
Concen: 7.32 ng
RT: 3.10 min Scan# 28
Delta R.T. -0.02 min
Lab File: BM000938.D
Acq: 10 Apr 2015 14:10



Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.9	63.0	94.6
43	34.6	27.0	40.4





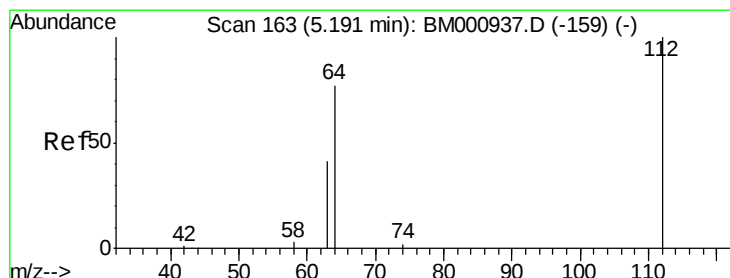
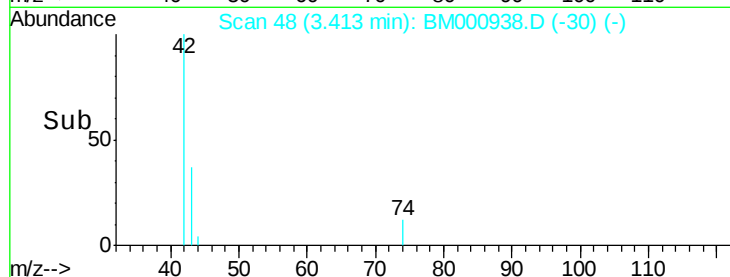
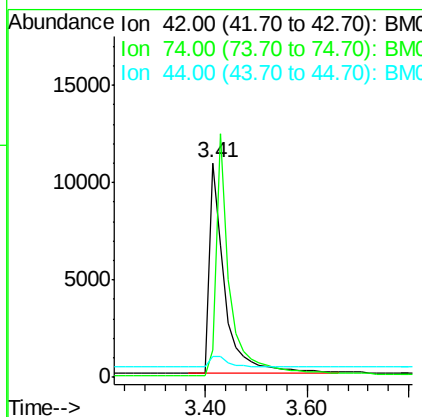
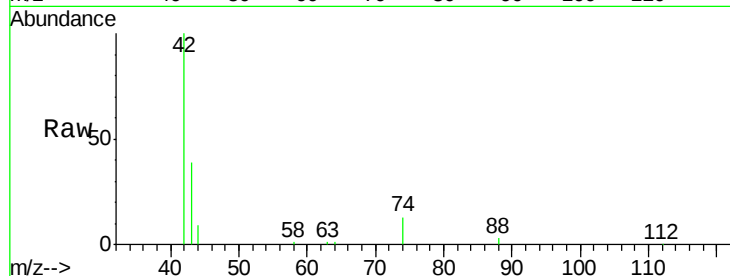
#3
n-Nitrosodimethylamine
Concen: 7.99 ng
RT: 3.41 min Scan# 48
Delta R.T. -0.02 min
Lab File: BM000938.D
Acq: 10 Apr 2015 14:10

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion	Ratio	Lower	Upper
42	100		
74	12.8	26.0	39.0#
44	9.5	29.0	43.4#

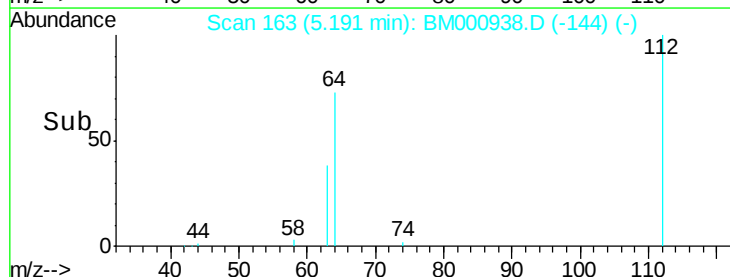
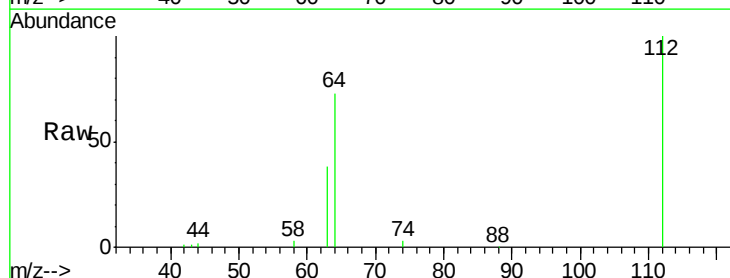
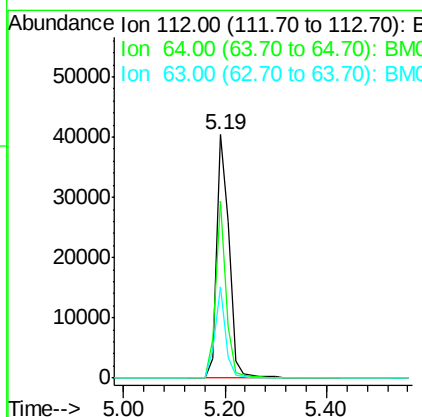
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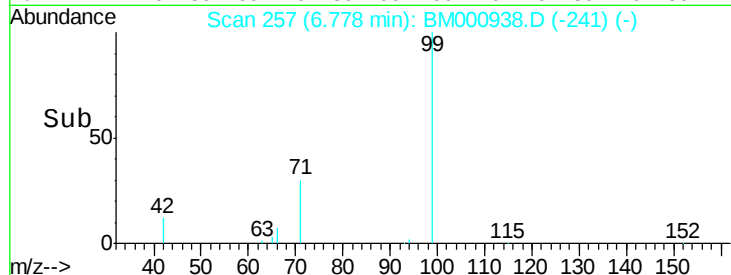
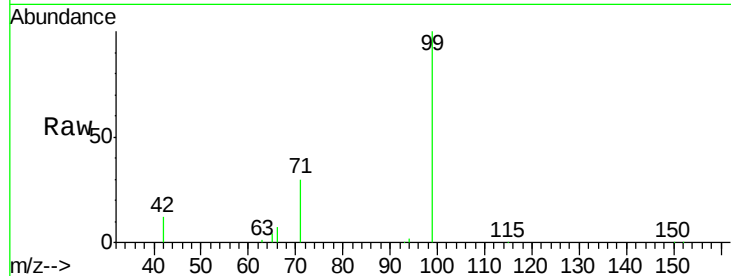
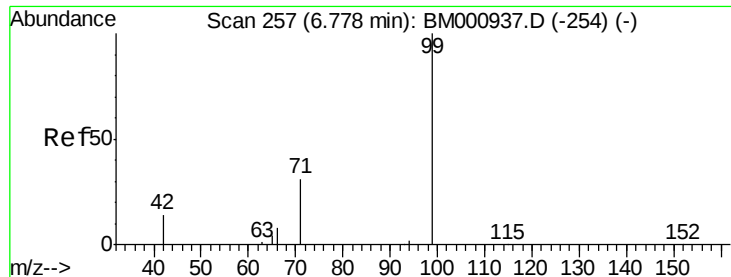
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#4
2-Fluorophenol
Concen: 10.91 ng
RT: 5.19 min Scan# 163
Delta R.T. 0.00 min
Lab File: BM000938.D
Acq: 10 Apr 2015 14:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.9	31.8	47.8#
63	37.6	14.5	21.7#





#5

Phenol-d6

Concen: 11.77 ng

RT: 6.78 min Scan# 257

Delta R.T. 0.00 min

Lab File: BM000938.D

Acq: 10 Apr 2015 14:10

Tgt Ion:	99	Resp:	89220
Ion Ratio	Lower	Upper	
99	100		
42	12.3	14.1	21.1#
71	30.5	28.0	42.0

Instrument :

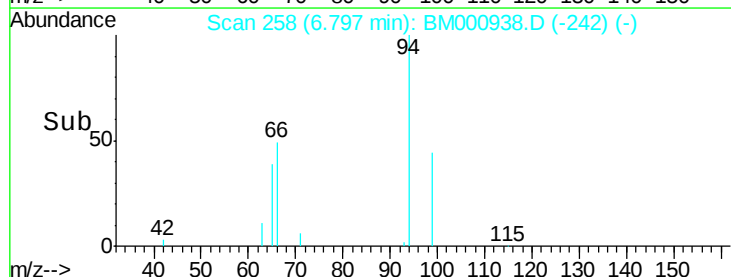
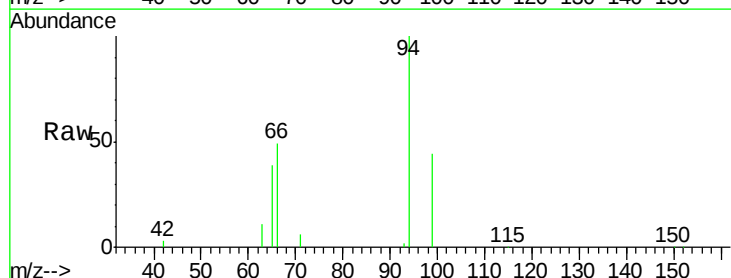
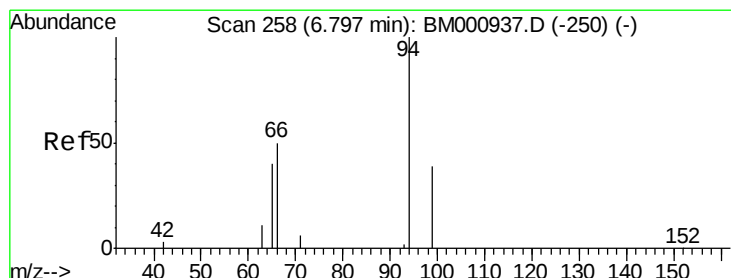
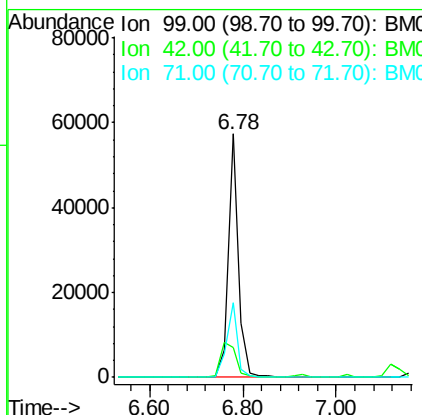
BNA_M

ClientSampleId :

PB82421BS

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#6

Phenol

Concen: 7.59 ng

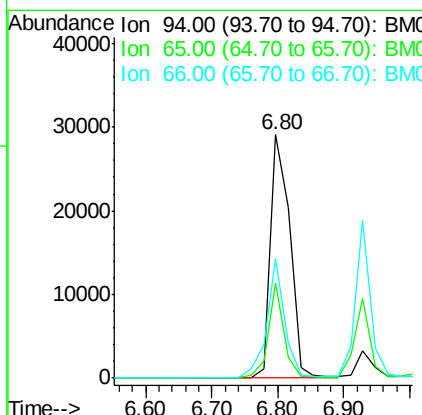
RT: 6.80 min Scan# 258

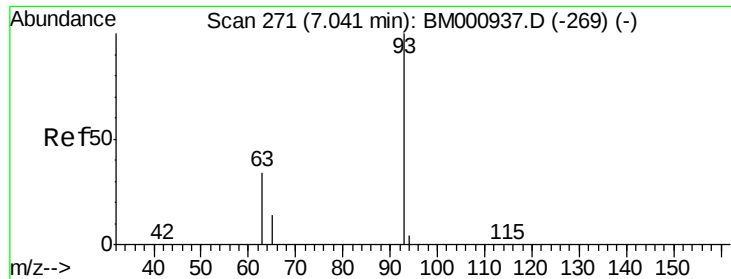
Delta R.T. 0.00 min

Lab File: BM000938.D

Acq: 10 Apr 2015 14:10

Tgt Ion:	94	Resp:	59158
Ion Ratio	Lower	Upper	
94	100		
65	39.1	0.0	36.0#
66	49.3	3.7	43.7#





#7

bis(2-Chloroethyl)ether

Concen: 7.74 ng

RT: 7.02 min Scan# 270

Delta R.T. -0.02 min

Lab File: BM000938.D

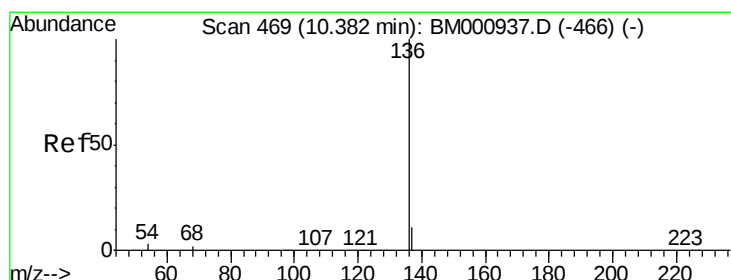
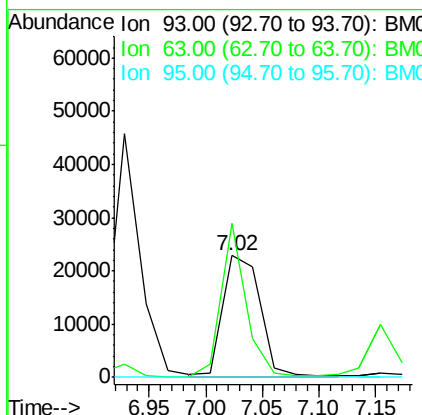
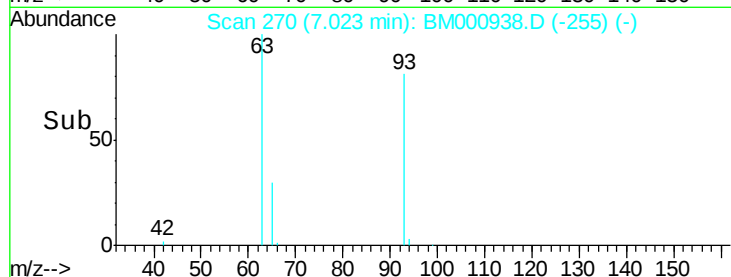
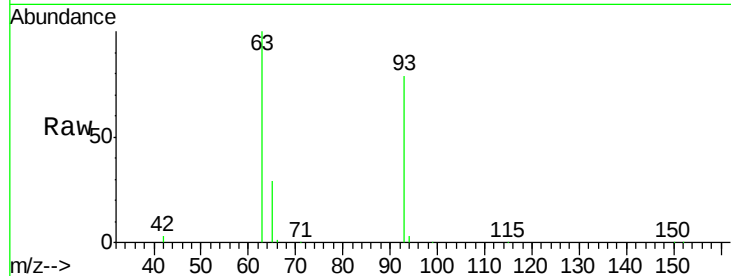
Acq: 10 Apr 2015 14:10

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	126.9	24.0	64.0#
95	0.0	0.0	20.0

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#8

Naphthalene-d8

Concen: 5.00 ng

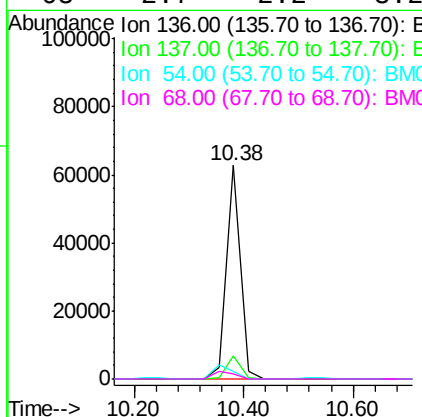
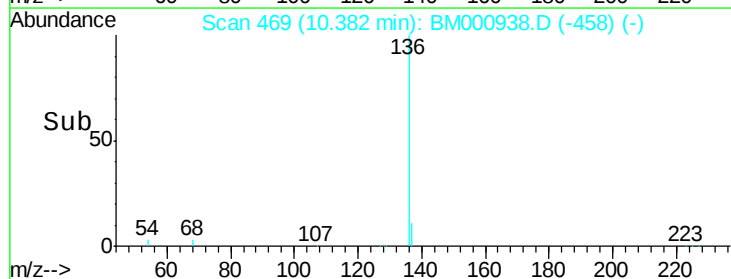
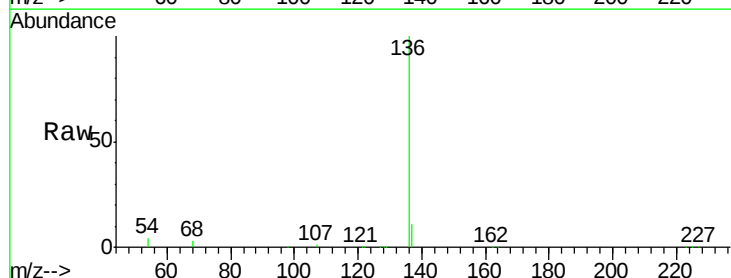
RT: 10.38 min Scan# 469

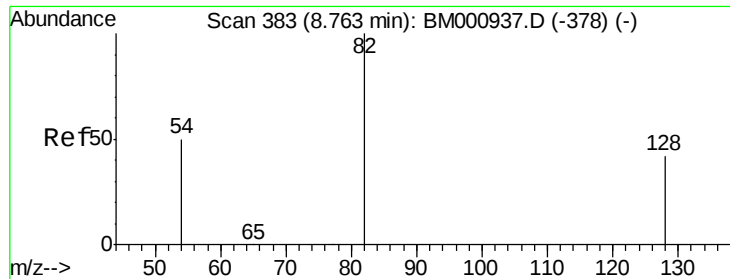
Delta R.T. 0.00 min

Lab File: BM000938.D

Acq: 10 Apr 2015 14:10

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.6	13.0
54	3.6	2.9	4.3
68	2.7	2.2	3.2





#9

Nitrobenzene-d5

Concen: 9.29 ng

RT: 8.76 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM000938.D

Acq: 10 Apr 2015 14:10

Instrument :

BNA_M

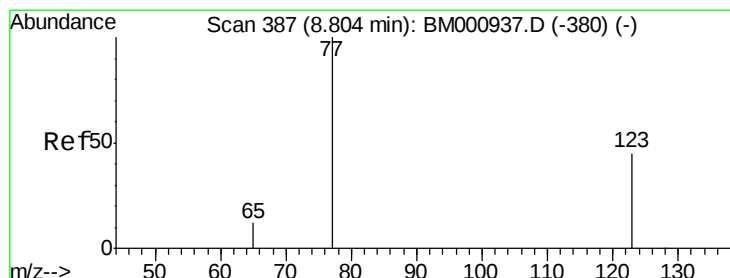
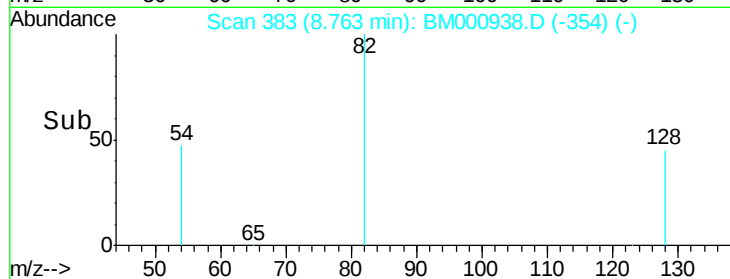
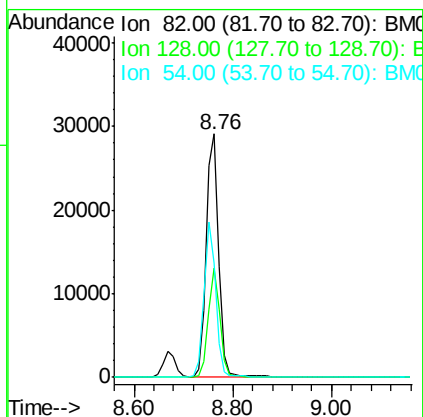
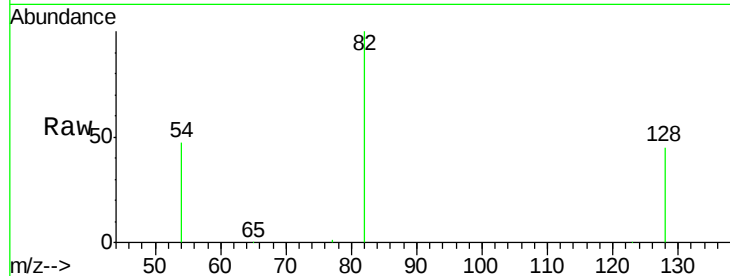
ClientSampleId :

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Tgt Ion:	82	Resp:	50282
Ion	Ratio	Lower	Upper
82	100		
128	44.9	33.4	50.0
54	46.8	40.5	60.7

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#10

Nitrobenzene

Concen: 7.10 ng

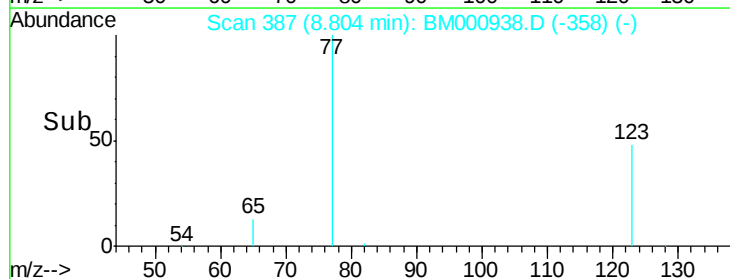
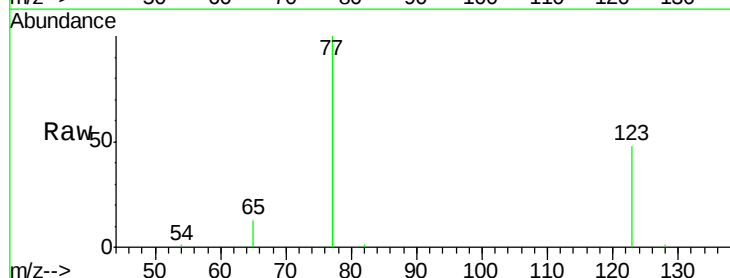
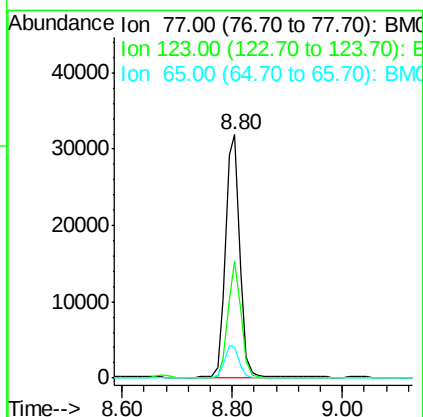
RT: 8.80 min Scan# 387

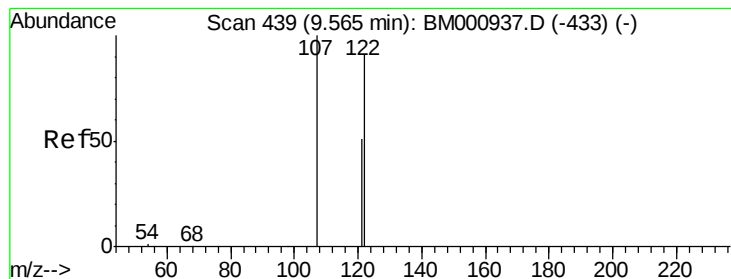
Delta R.T. 0.00 min

Lab File: BM000938.D

Acq: 10 Apr 2015 14:10

Tgt Ion:	77	Resp:	56401
Ion	Ratio	Lower	Upper
77	100		
123	48.0	35.0	52.6
65	12.7	10.7	16.1





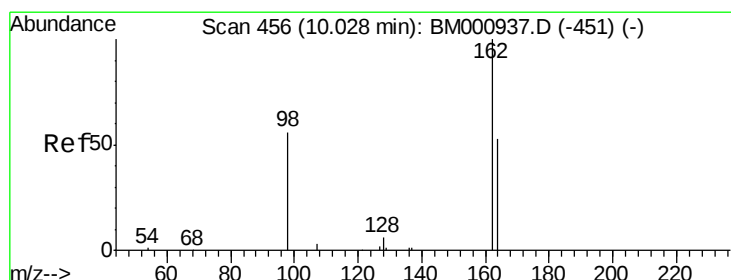
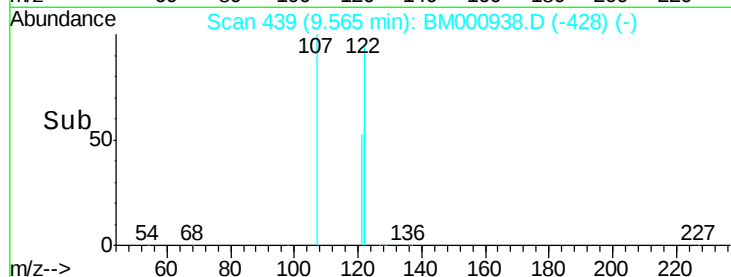
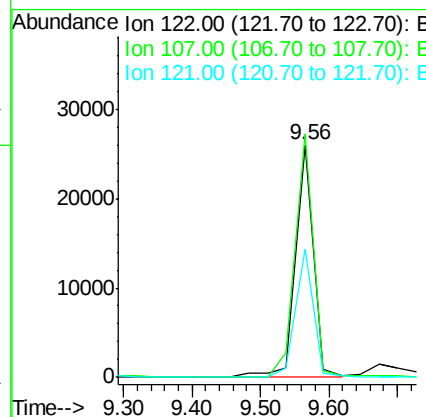
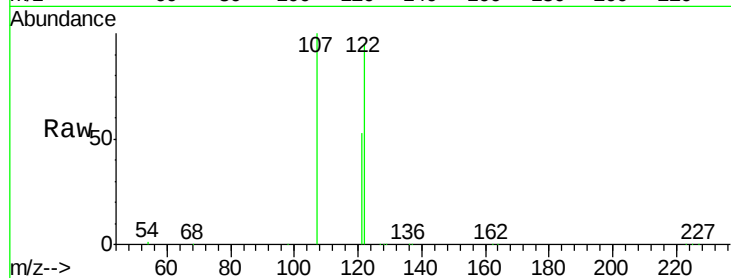
#11
 2,4-Dimethylphenol
 Concen: 7.63 ng
 RT: 9.56 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BM000938.D
 Acq: 10 Apr 2015 14:10

Instrument :
 BNA_M
 ClientSampleId :
 PB82421BS

Tgt Ion:122 Resp: 47084
 Ion Ratio Lower Upper
 122 100
 107 104.9 89.8 134.6
 121 55.2 46.6 70.0

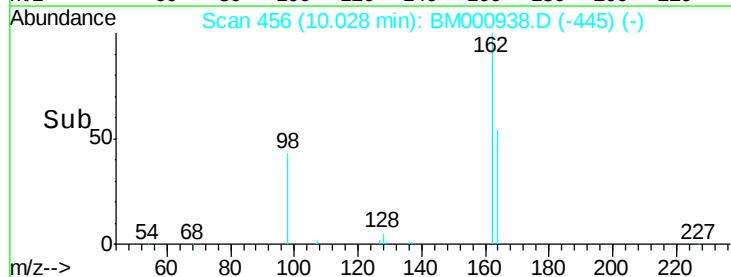
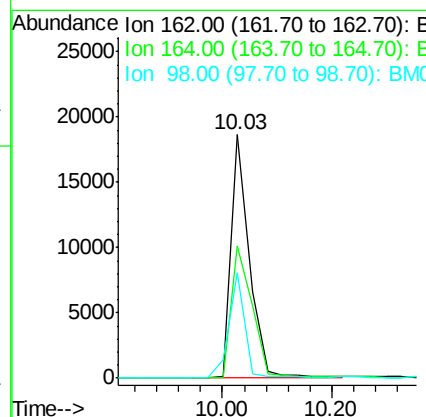
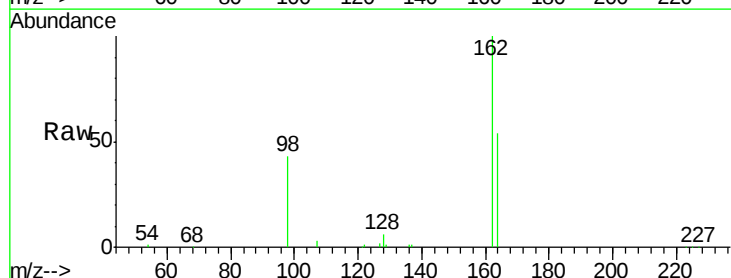
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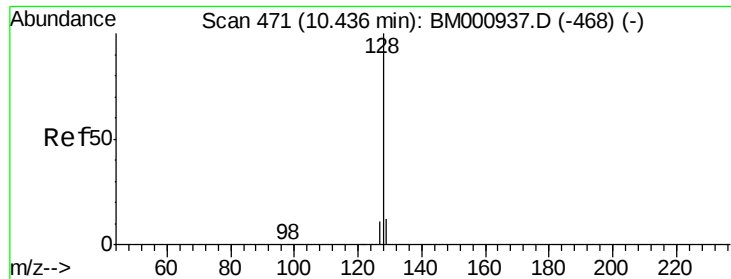
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#12
 2,4-Dichlorophenol
 Concen: 7.85 ng
 RT: 10.03 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BM000938.D
 Acq: 10 Apr 2015 14:10

Tgt Ion:162 Resp: 42724
 Ion Ratio Lower Upper
 162 100
 164 54.4 32.5 72.5
 98 43.4 40.5 80.5





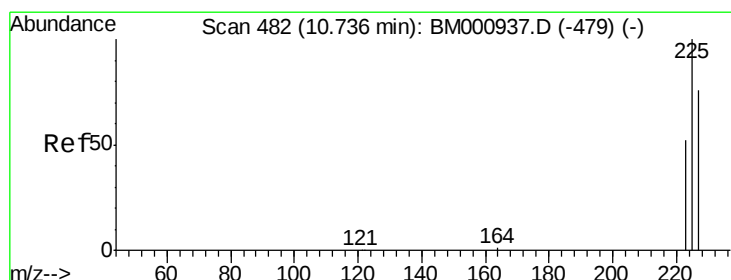
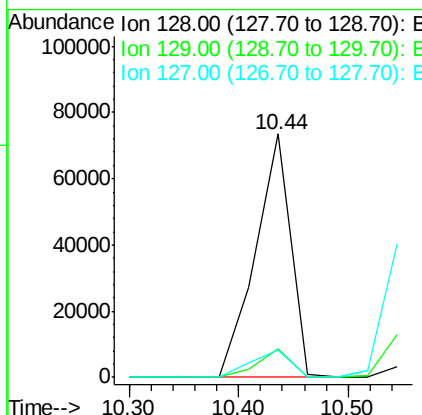
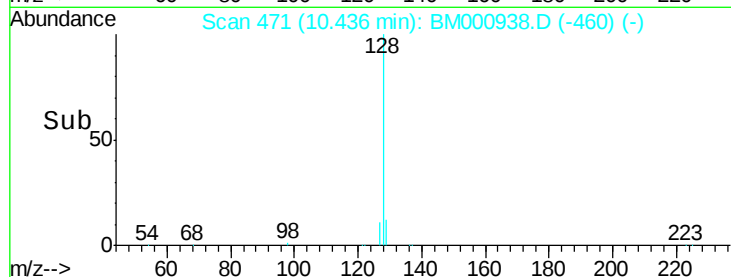
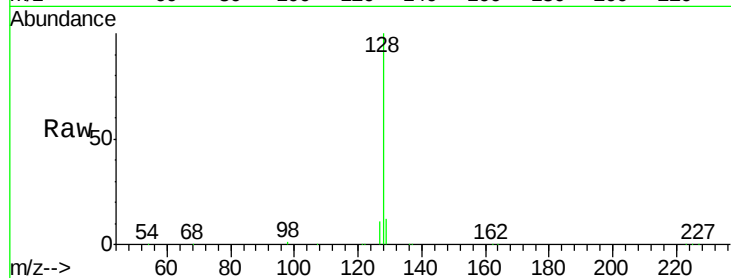
#13
Naphthalene
Concen: 7.34 ng
RT: 10.44 min Scan# 471
Delta R.T. 0.00 min
Lab File: BM000938.D
Acq: 10 Apr 2015 14:10

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	166090		
129	11.9	9.8	14.6	
127	11.0	9.1	13.7	

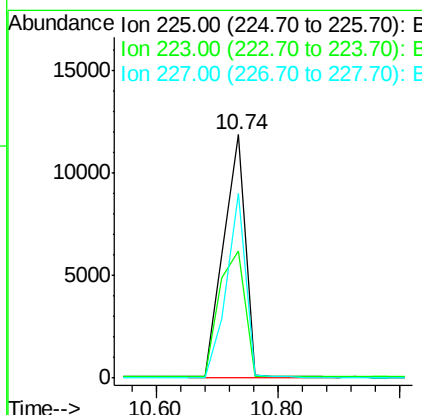
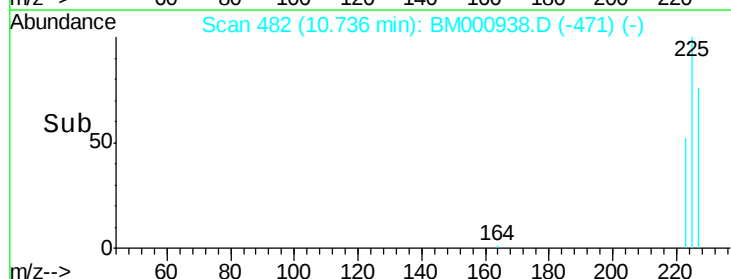
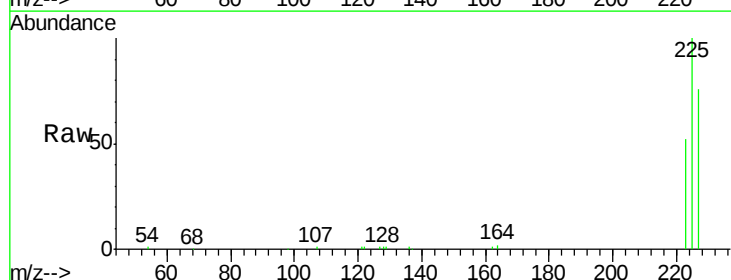
Manual Integrations
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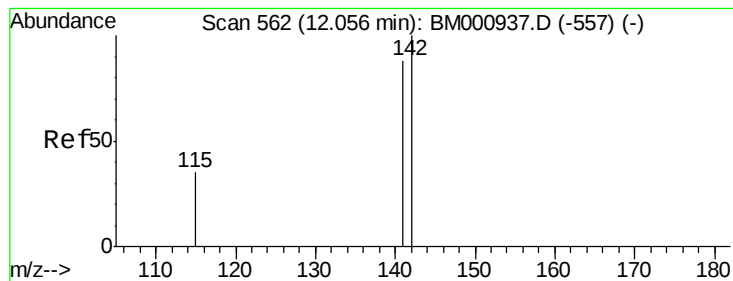
apatel
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#14
Hexachlorobutadiene
Concen: 7.06 ng
RT: 10.74 min Scan# 482
Delta R.T. 0.00 min
Lab File: BM000938.D
Acq: 10 Apr 2015 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	29183		
223	52.0	42.2	63.2	
227	75.7	61.4	92.2	





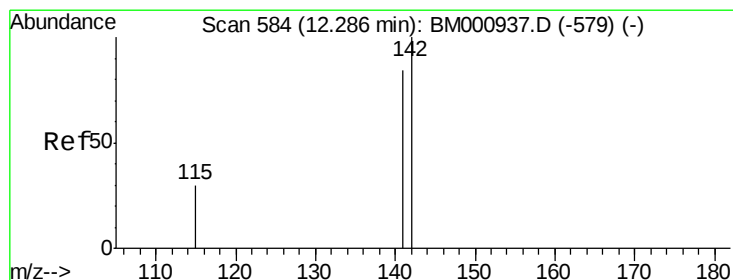
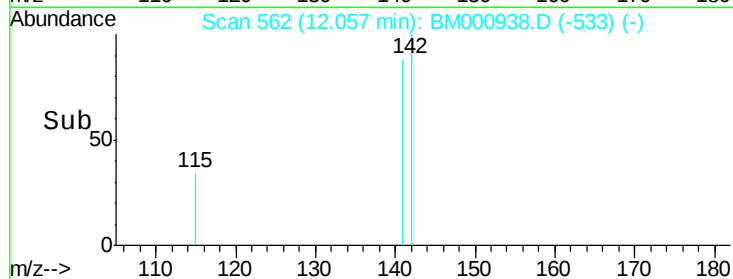
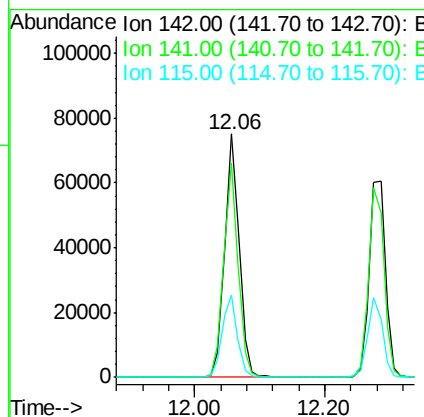
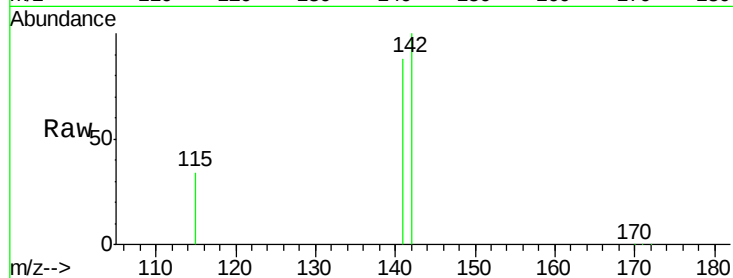
#15
2-Methylnaphthalene
Concen: 7.53 ng
RT: 12.06 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000938.D
Acq: 10 Apr 2015 14:10

Instrument :
BNA_M
ClientSampleId :
PB82421BS

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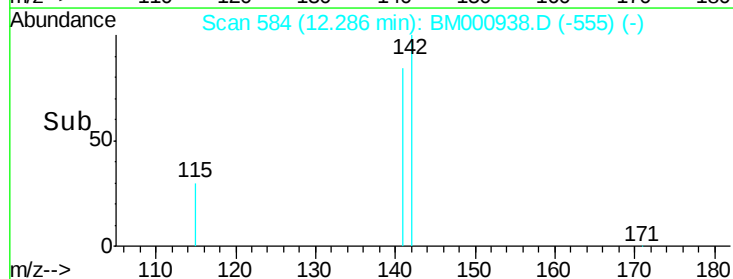
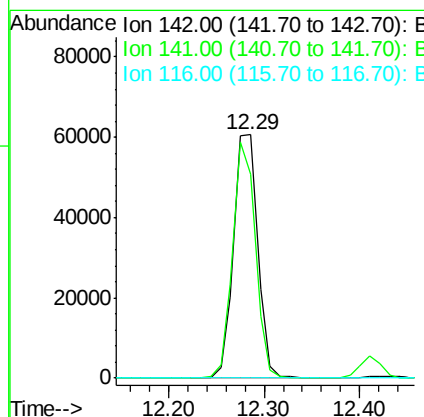
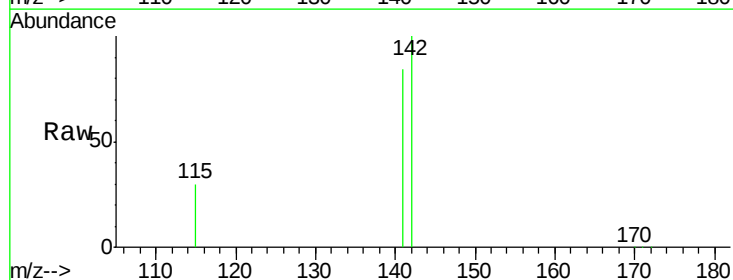
apatel
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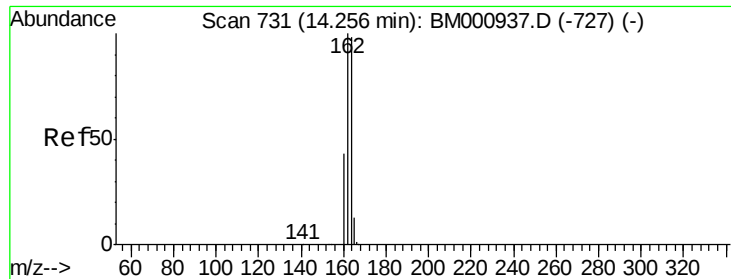
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.2	106.8
115	33.8	28.3	42.5



#16
1-Methylnaphthalene
Concen: 6.78 ng
RT: 12.29 min Scan# 584
Delta R.T. 0.00 min
Lab File: BM000938.D
Acq: 10 Apr 2015 14:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.7	66.7	100.1
116	0.0	0.0	0.0





#17

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 731

Delta R.T. 0.00 min

Lab File: BM000938.D

Acq: 10 Apr 2015 14:10

Instrument :

BNA_M

ClientSampleId :

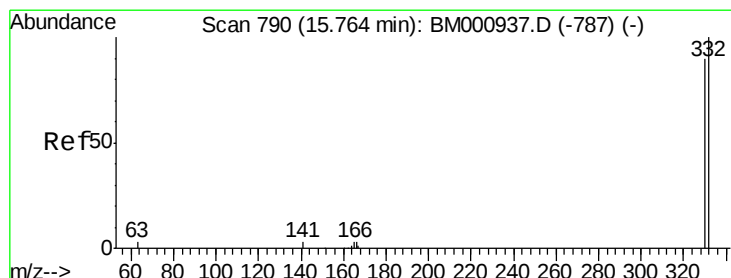
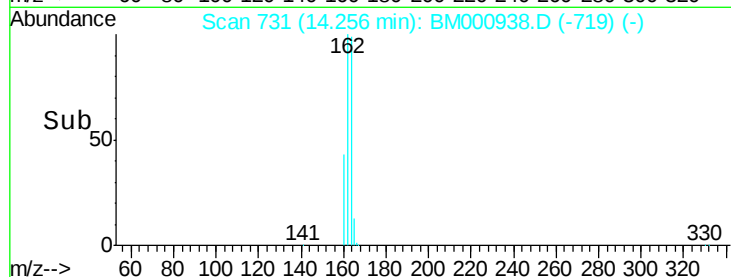
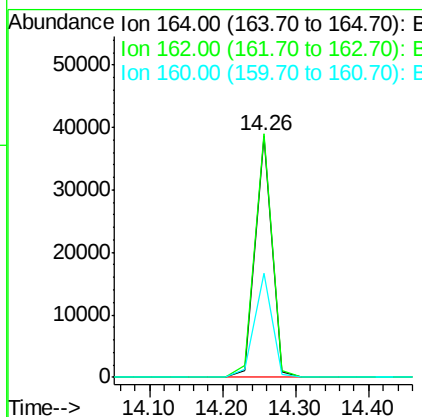
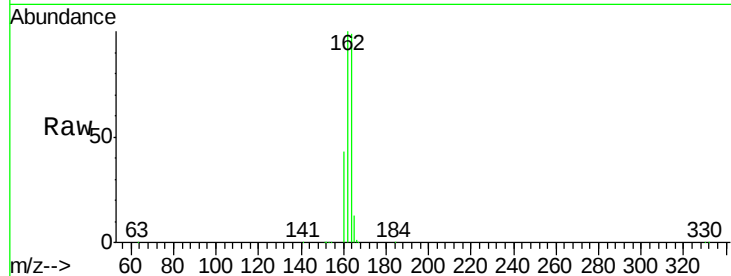
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Tgt Ion:	164	Resp:	62495
Ion Ratio	Lower	Upper	
164	100		
162	100.8	96.1	144.1
160	43.1	48.2	72.2#



#18

2,4,6-Tribromophenol

Concen: 10.70 ng

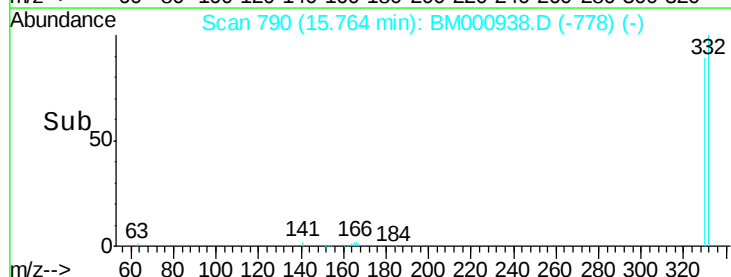
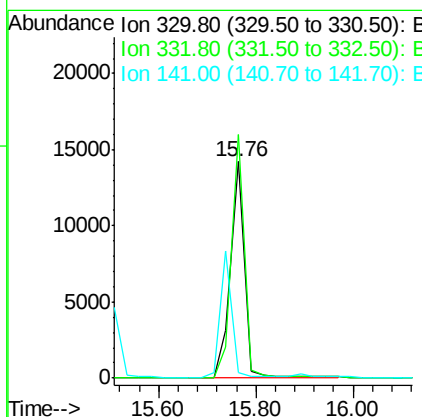
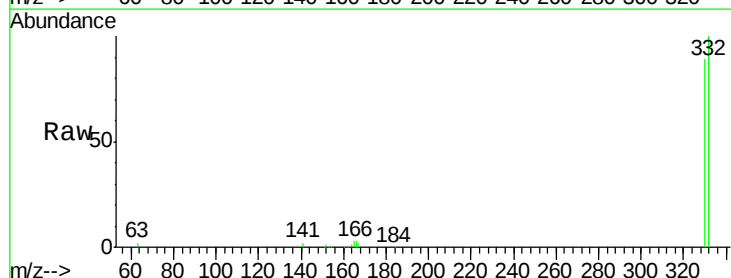
RT: 15.76 min Scan# 790

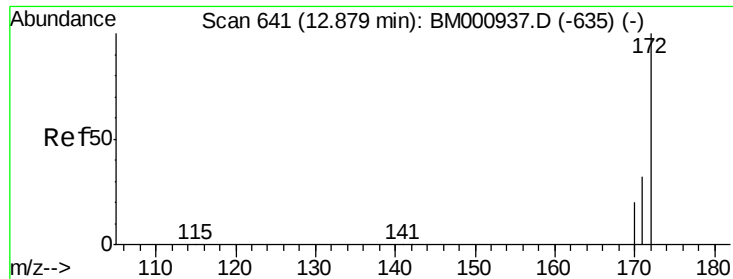
Delta R.T. 0.00 min

Lab File: BM000938.D

Acq: 10 Apr 2015 14:10

Tgt Ion:	330	Resp:	27833
Ion Ratio	Lower	Upper	
330	100		
332	104.1	75.4	113.2
141	0.0	0.0	0.0





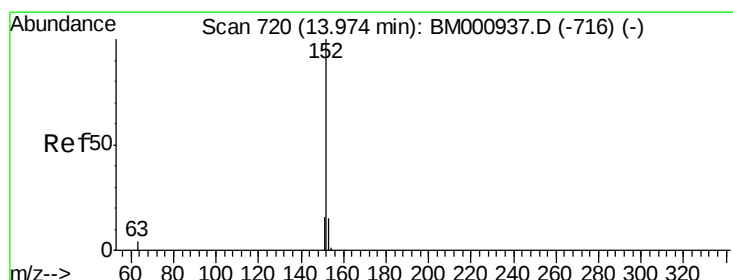
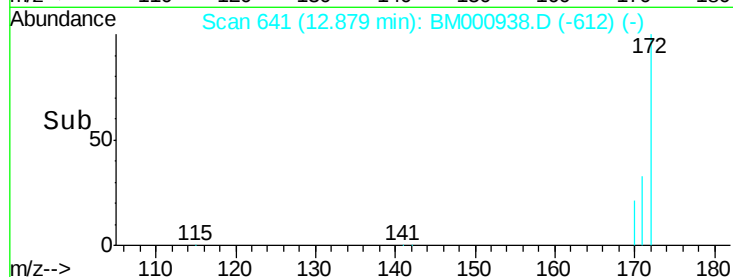
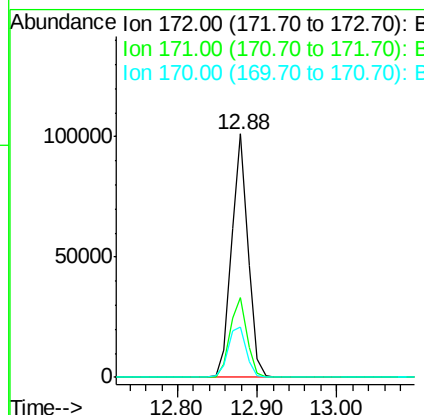
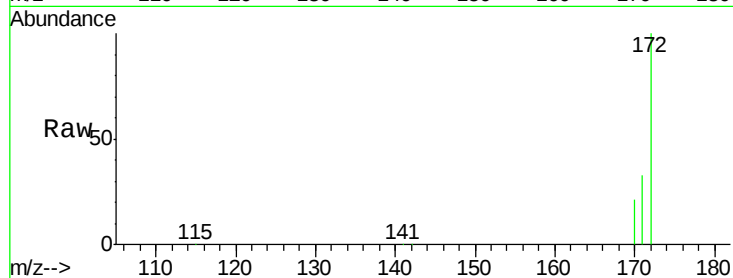
#19
2-Fluorobiphenyl
Concen: 8.25 ng
RT: 12.88 min Scan# 641
Delta R.T. 0.00 min
Lab File: BM000938.D
Acq: 10 Apr 2015 14:10

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	144394		
171	32.6		26.7	40.1
170	20.6		17.0	25.4

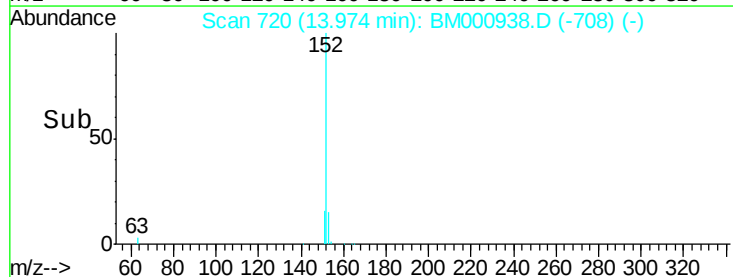
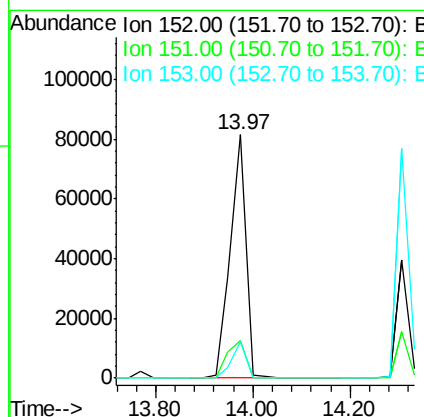
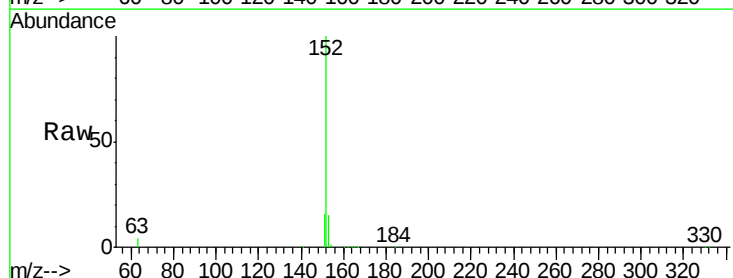
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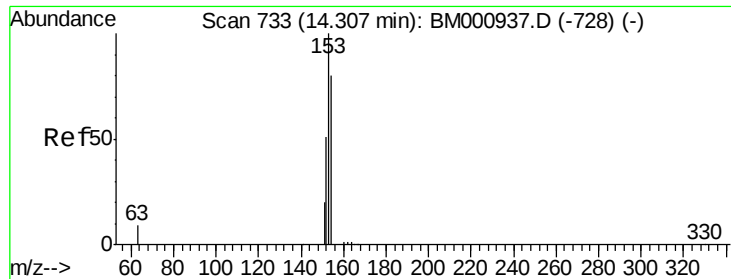
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#20
Acenaphthylene
Concen: 6.99 ng
RT: 13.97 min Scan# 720
Delta R.T. 0.00 min
Lab File: BM000938.D
Acq: 10 Apr 2015 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	181413		
151	15.6		15.4	23.0
153	14.8		10.2	15.2





#21

Acenaphthene

Concen: 7.11 ng

RT: 14.31 min Scan# 733

Delta R.T. 0.00 min

Lab File: BM000938.D

Acq: 10 Apr 2015 14:10

Instrument :

BNA_M

ClientSampleId :

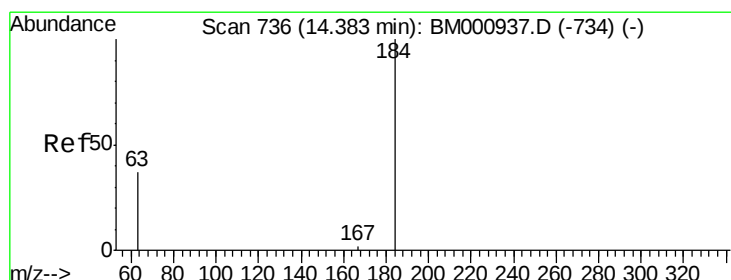
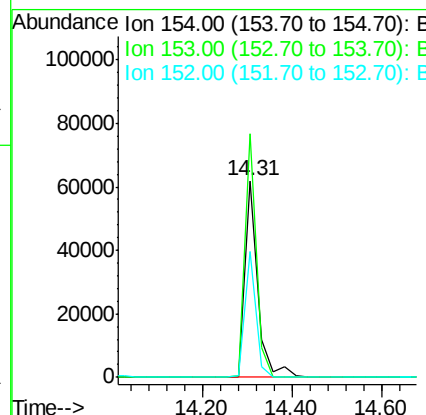
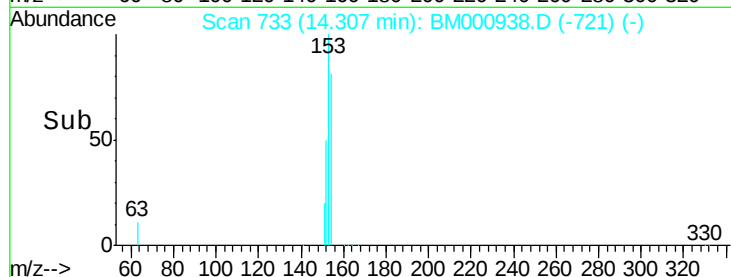
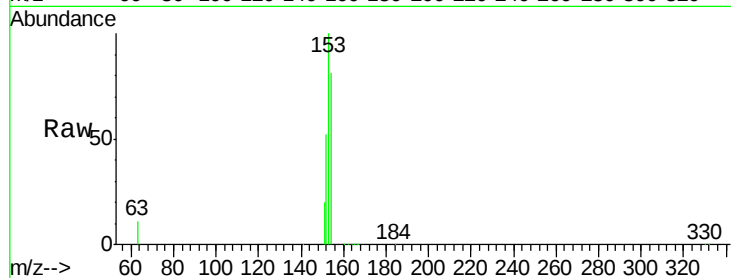
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Tgt Ion:	154	Resp:	122643
Ion Ratio	Lower	Upper	
154	100		
153	124.0	73.7	110.5#
152	63.9	29.0	43.6#



#22

2,4-Dinitrophenol

Concen: 11.28 ng m

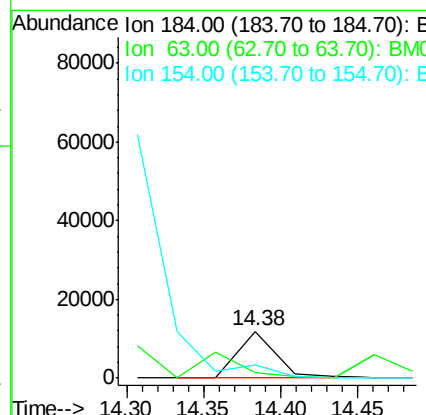
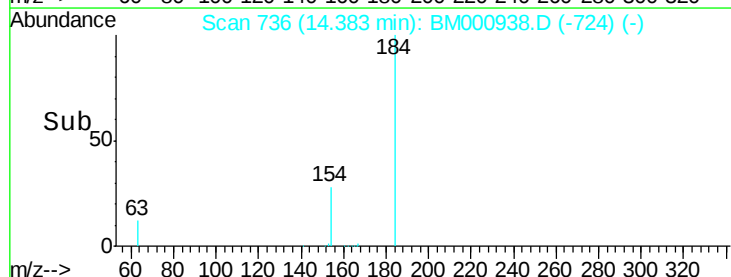
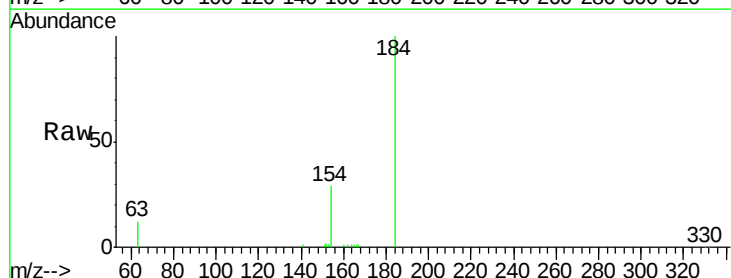
RT: 14.38 min Scan# 736

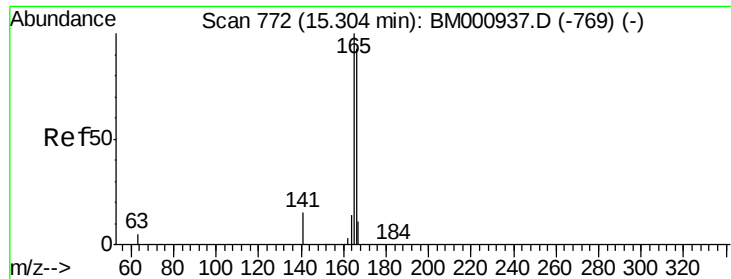
Delta R.T. 0.00 min

Lab File: BM000938.D

Acq: 10 Apr 2015 14:10

Tgt Ion:	184	Resp:	20661
Ion Ratio	Lower	Upper	
184	100		
63	12.5	39.0	58.4#
154	28.8	43.8	65.8#





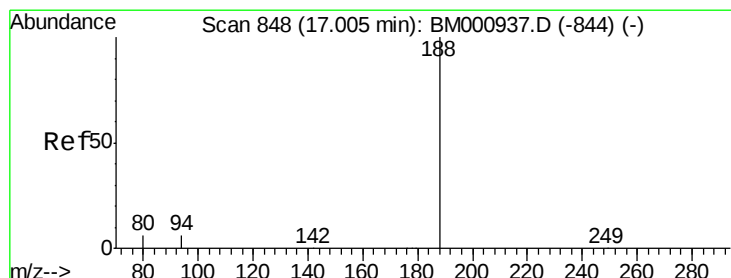
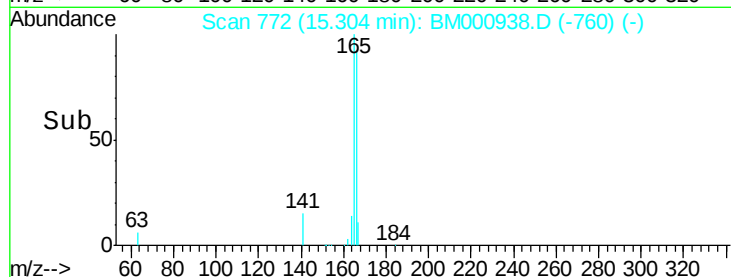
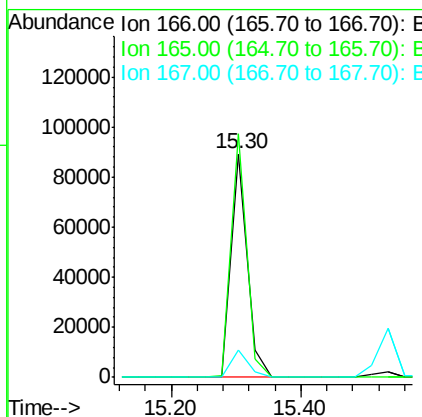
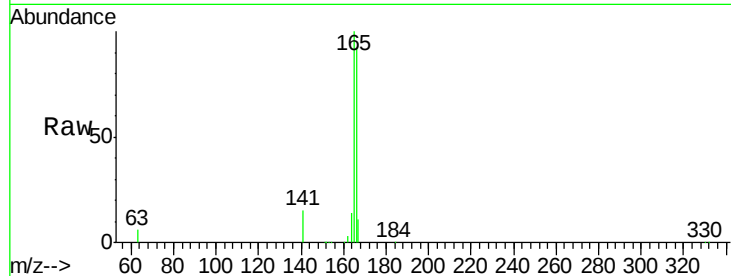
#23
 Fluorene
 Concen: 7.73 ng
 RT: 15.30 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BM000938.D
 Acq: 10 Apr 2015 14:10

Instrument :
 BNA_M
 ClientSampleId :
 PB82421BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	155117		
165	108.8	63.7	95.5#	
167	12.1	12.7	19.1#	

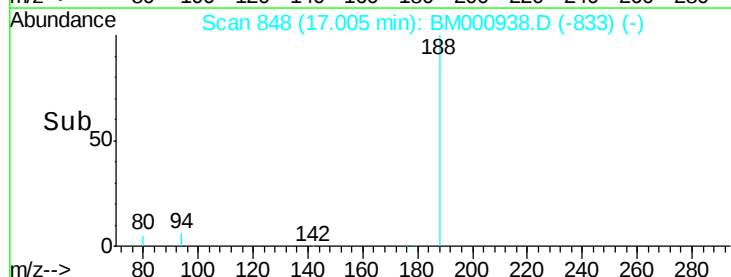
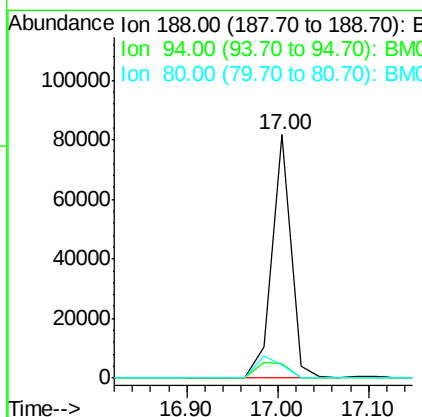
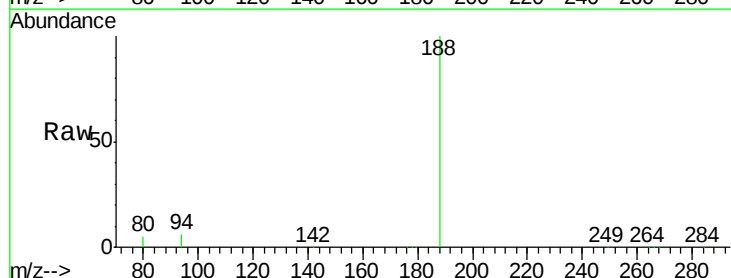
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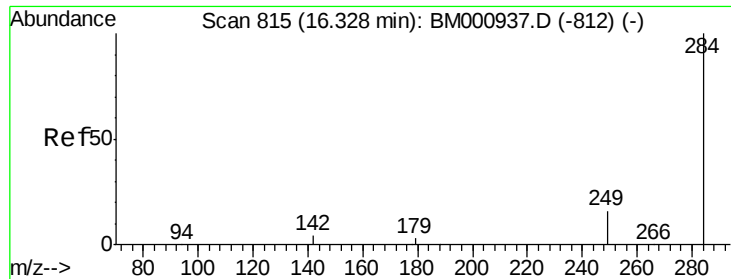
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#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.00 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BM000938.D
 Acq: 10 Apr 2015 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	118778		
94	5.8	12.2	18.4#	
80	5.3	13.4	20.0#	





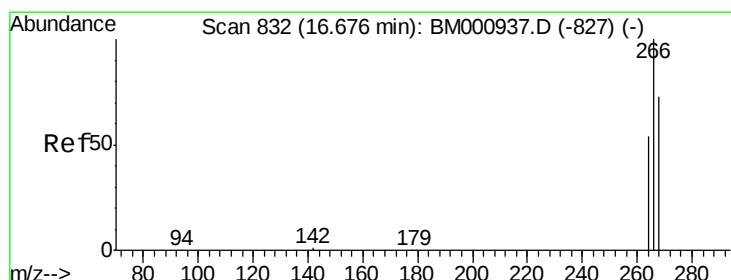
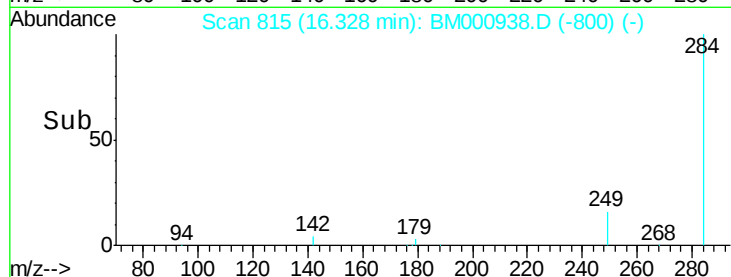
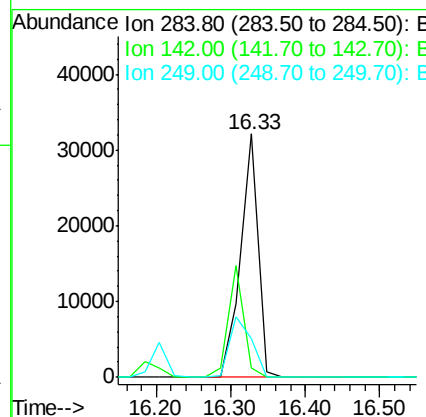
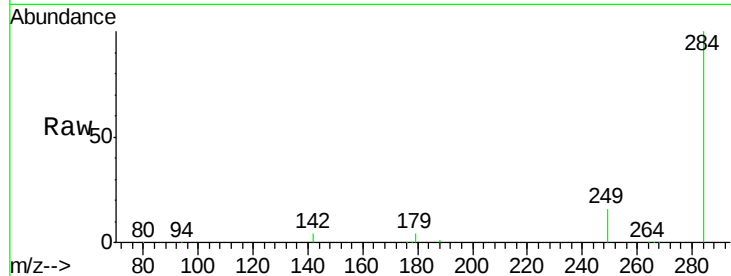
#25
Hexachlorobenzene
Concen: 8.25 ng m
RT: 16.33 min Scan# 815
Delta R.T. 0.00 min
Lab File: BM000938.D
Acq: 10 Apr 2015 14:10

Instrument :
BNA_M
ClientSampleId :
PB82421BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	53019		
142	3.8	16.2	24.2#	
249	16.1	27.4	41.2#	

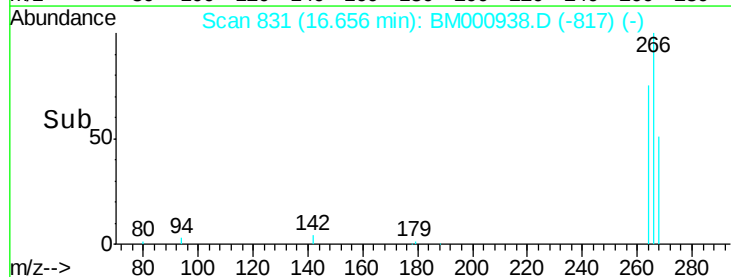
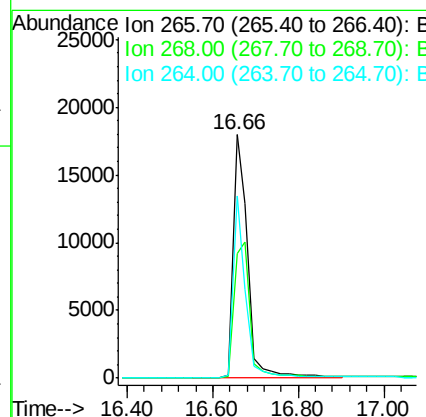
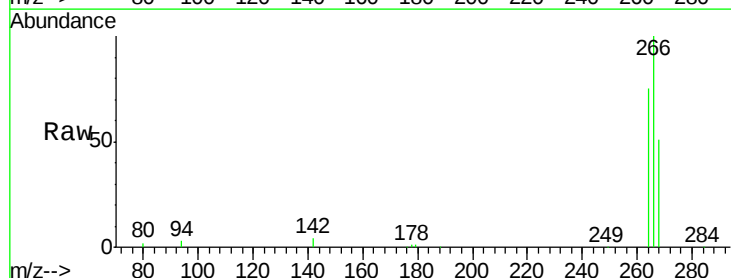
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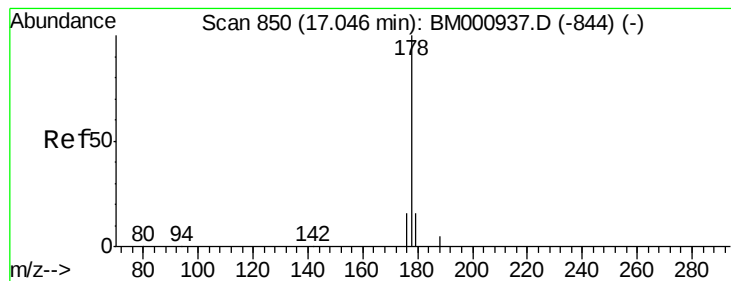
apatel
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#26
Pentachlorophenol
Concen: 16.60 ng
RT: 16.66 min Scan# 831
Delta R.T. -0.02 min
Lab File: BM000938.D
Acq: 10 Apr 2015 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	42563		
268	51.0	53.0	79.4#	
264	74.7	49.4	74.0#	





#27

Phenanthrene

Concen: 8.12 ng

RT: 17.05 min Scan# 850

Delta R.T. 0.00 min

Lab File: BM000938.D

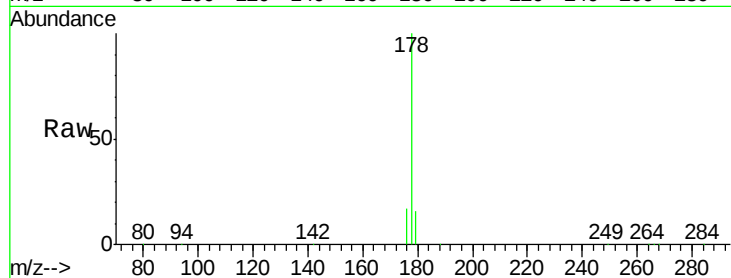
Acq: 10 Apr 2015 14:10

Instrument :

BNA_M

ClientSampleId :

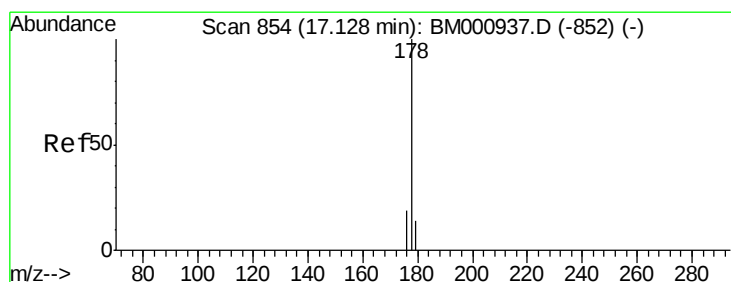
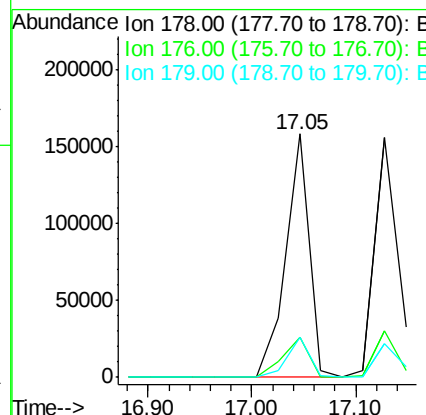
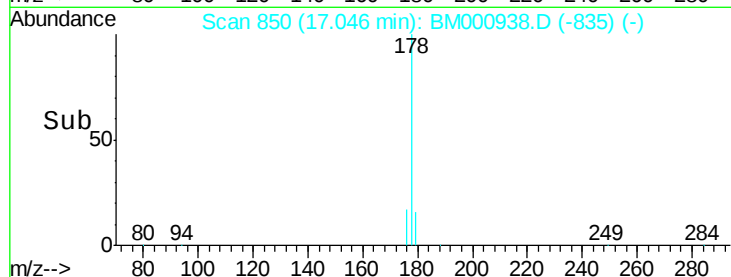
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Tgt Ion:	178	Resp:	249270
Ion Ratio	Lower	Upper	
178	100		
176	16.7	16.0	24.0
179	16.2	11.4	17.2

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#28

Anthracene

Concen: 8.66 ng m

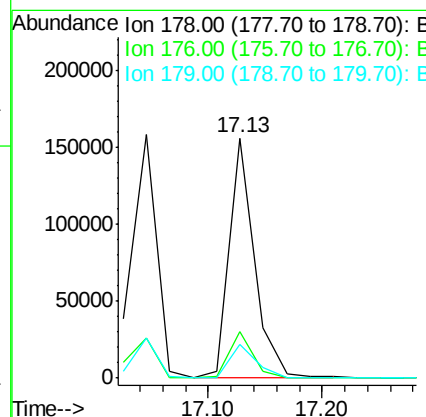
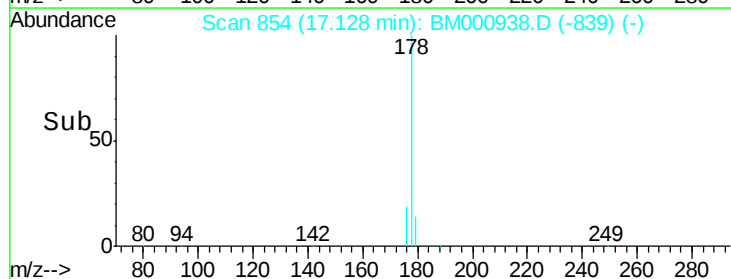
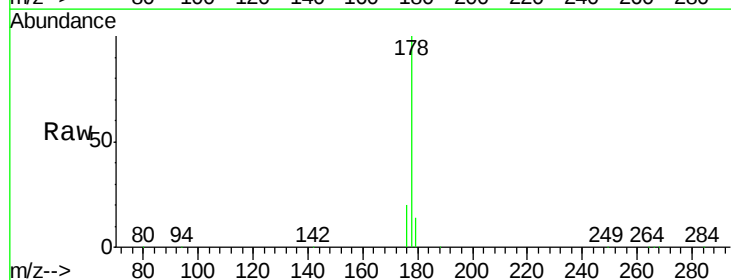
RT: 17.13 min Scan# 854

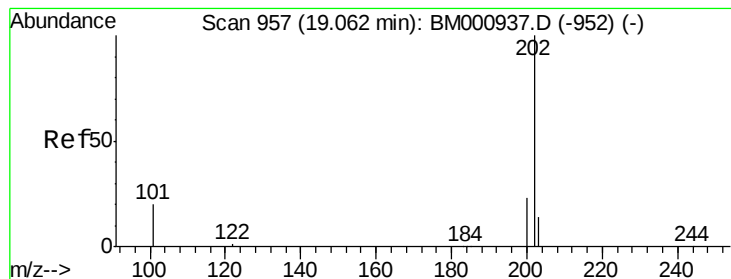
Delta R.T. 0.00 min

Lab File: BM000938.D

Acq: 10 Apr 2015 14:10

Tgt Ion:	178	Resp:	243609
Ion Ratio	Lower	Upper	
178	100		
176	19.5	12.7	19.1#
179	13.9	13.9	20.9





#29

Fluoranthene

Concen: 8.19 ng

RT: 19.06 min Scan# 957

Delta R.T. 0.00 min

Lab File: BM000938.D

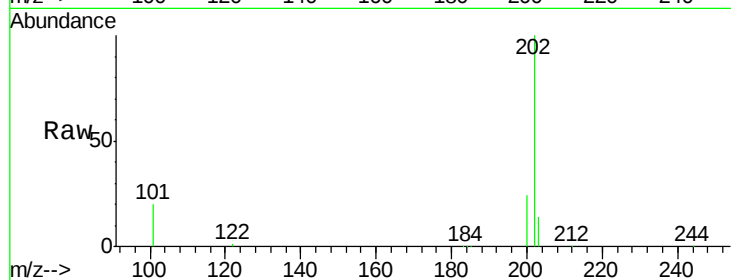
Acq: 10 Apr 2015 14:10

Instrument :

BNA_M

ClientSampleId :

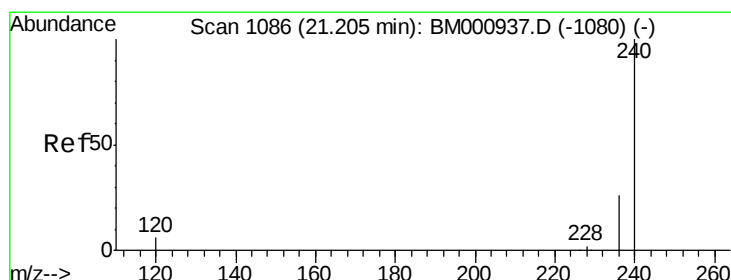
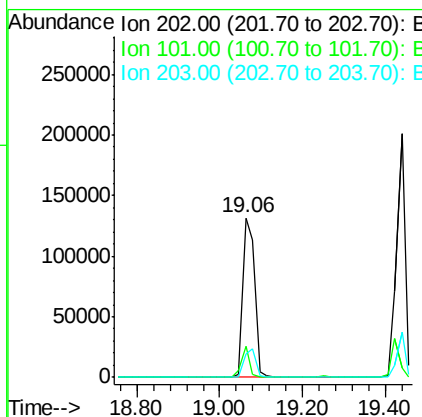
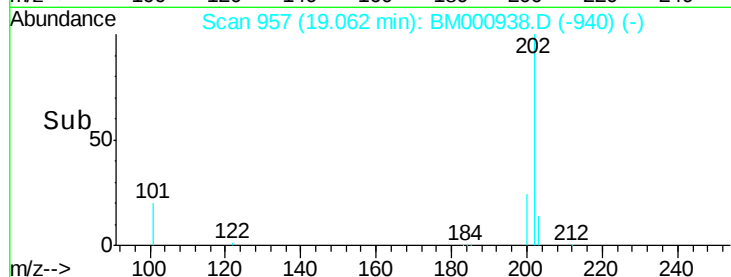
PB82421BS



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	262844		
101	19.8	0.0	24.1	
203	14.3	0.0	38.4	

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#30

Chrysene-d12

Concen: 5.00 ng

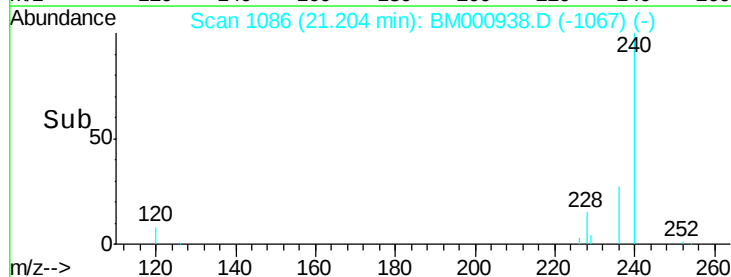
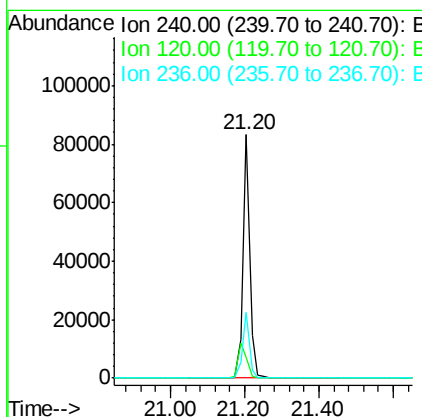
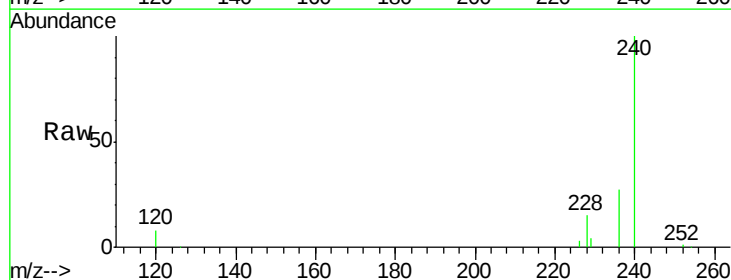
RT: 21.20 min Scan# 1086

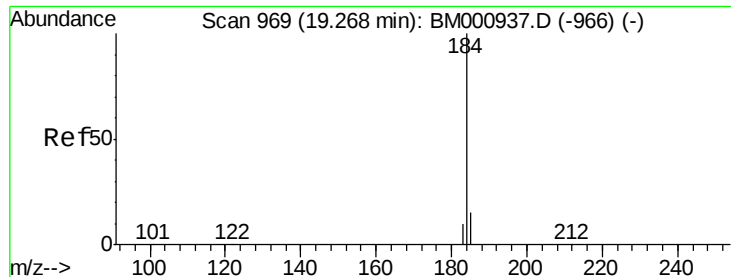
Delta R.T. -0.00 min

Lab File: BM000938.D

Acq: 10 Apr 2015 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	105508		
120	8.3	6.8	10.2	
236	26.9	22.1	33.1	





#31

Benzidine

Concen: 12.53 ng

RT: 19.27 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM000938.D

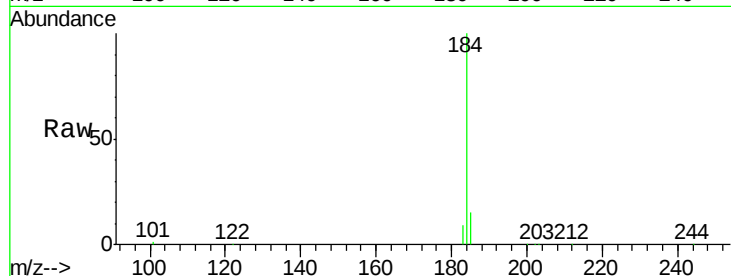
Acq: 10 Apr 2015 14:10

Instrument :

BNA_M

ClientSampleId :

PB82421BS



Tgt Ion:184 Resp: 176780

Ion Ratio Lower Upper

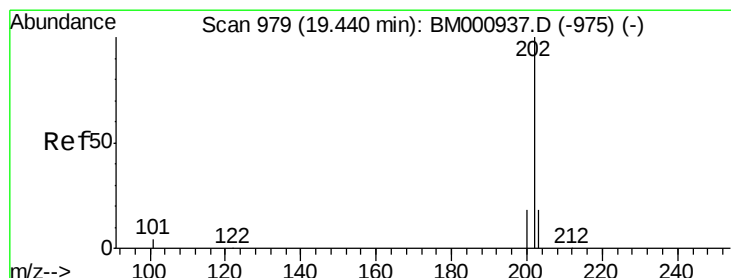
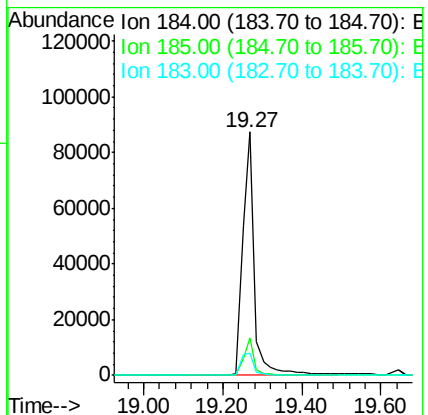
184 100

185 15.4 12.2 18.4

183 9.2 10.3 15.5

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#32

Pyrene

Concen: 8.55 ng

RT: 19.44 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM000938.D

Acq: 10 Apr 2015 14:10

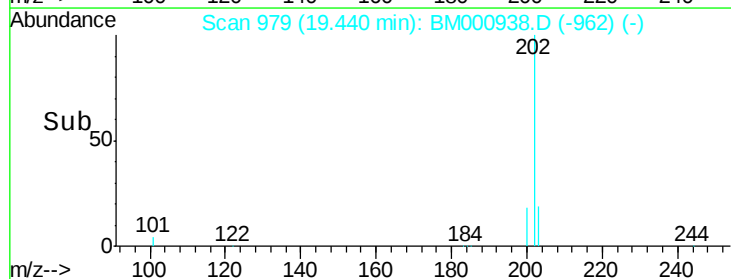
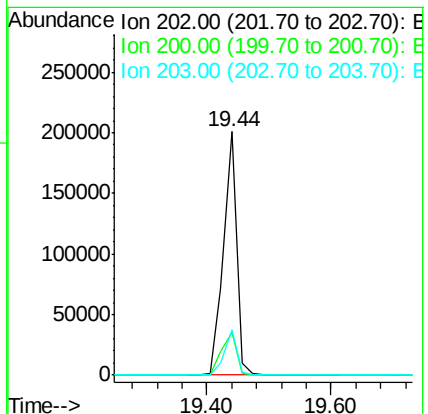
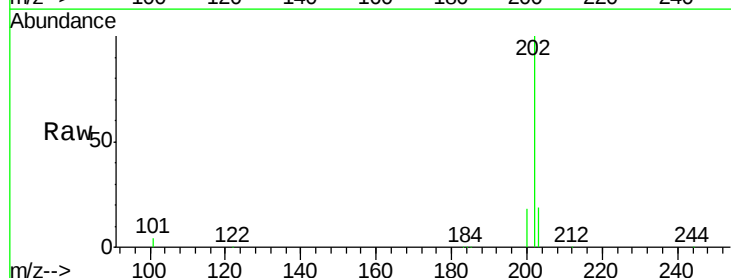
Tgt Ion:202 Resp: 293287

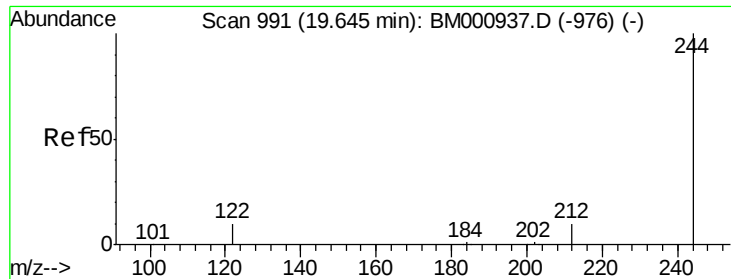
Ion Ratio Lower Upper

202 100

200 17.7 16.2 24.4

203 18.6 13.5 20.3





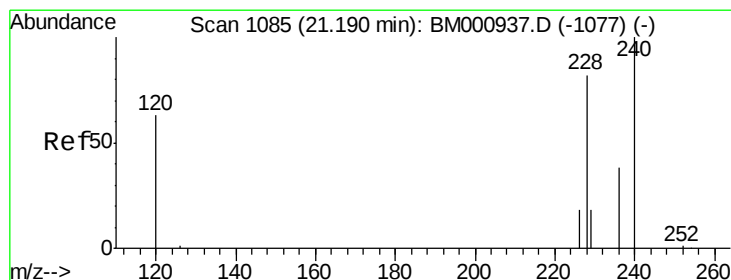
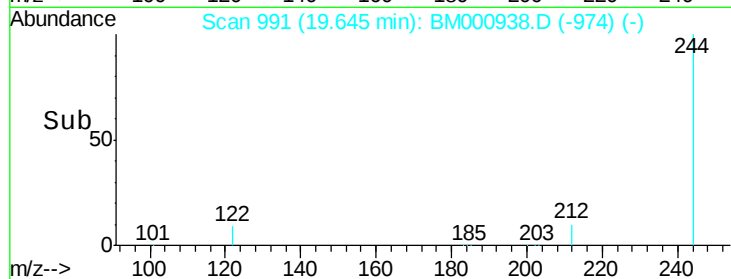
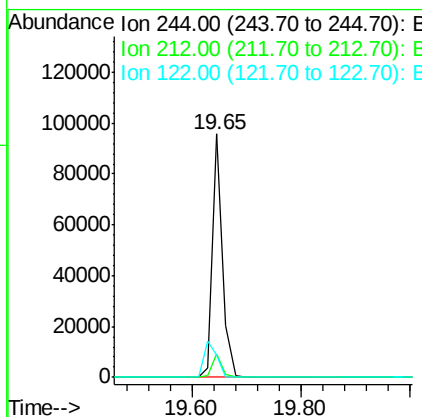
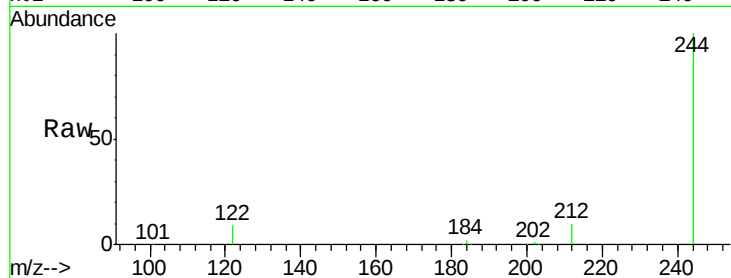
#33
 Terphenyl-d14
 Concen: 9.69 ng
 RT: 19.65 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BM000938.D
 Acq: 10 Apr 2015 14:10

Instrument :
 BNA_M
 ClientSampleId :
 PB82421BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	9.8	9.4	14.0
122	9.2	20.9	31.3#

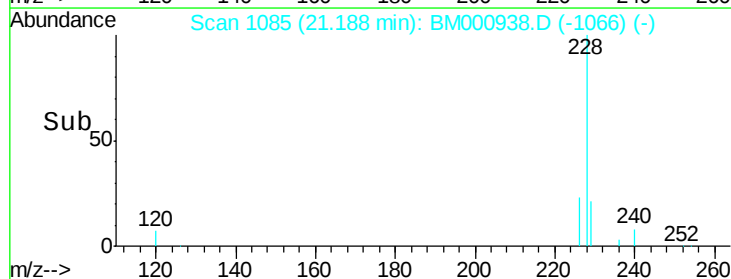
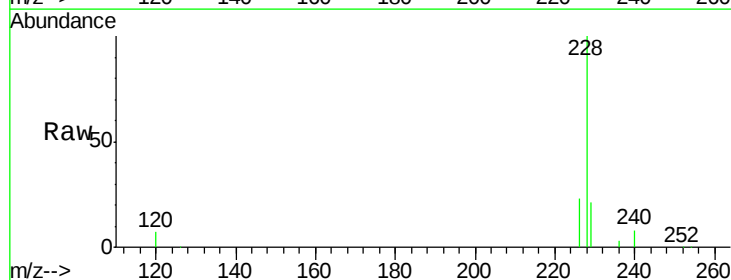
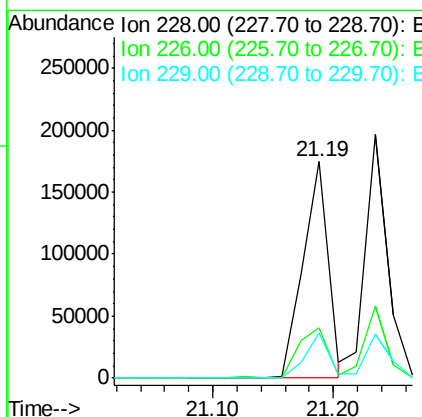
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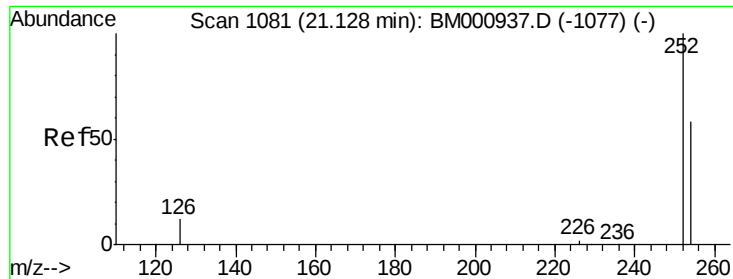
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#34
 Benzo(a)anthracene
 Concen: 8.31 ng
 RT: 21.19 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BM000938.D
 Acq: 10 Apr 2015 14:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	23.0	18.9	28.3
229	21.1	16.8	25.2





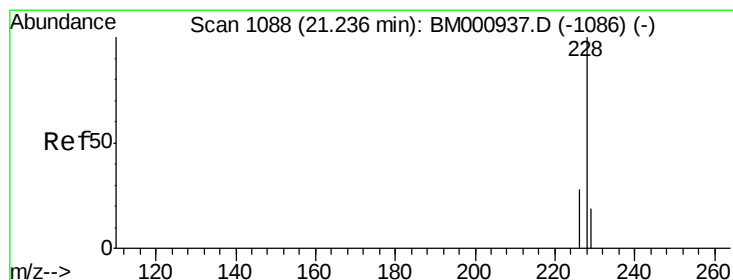
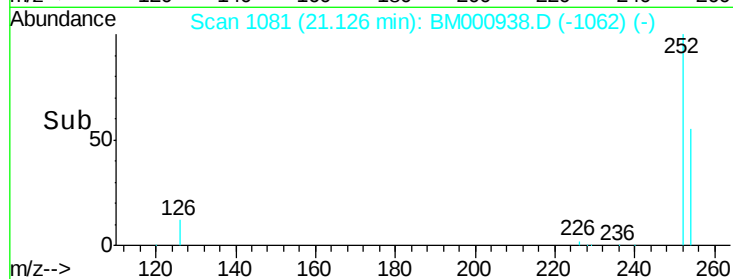
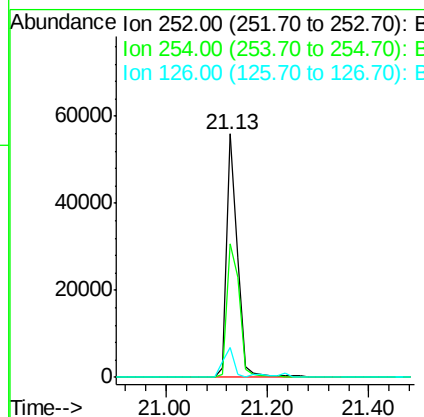
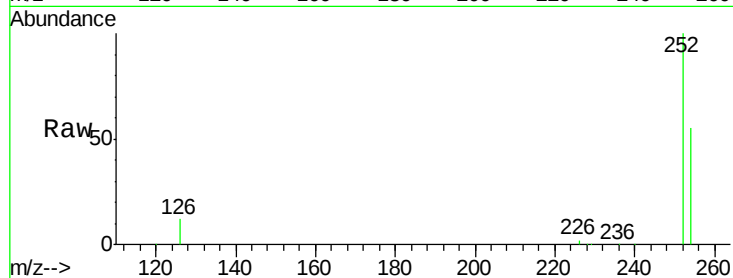
#35
 3,3'-Dichlorobenzidine
 Concen: 7.11 ng
 RT: 21.13 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BM000938.D
 Acq: 10 Apr 2015 14:10

Instrument :
 BNA_M
 ClientSampleId :
 PB82421BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	54.8	43.4	65.2
126	12.3	12.3	18.5#

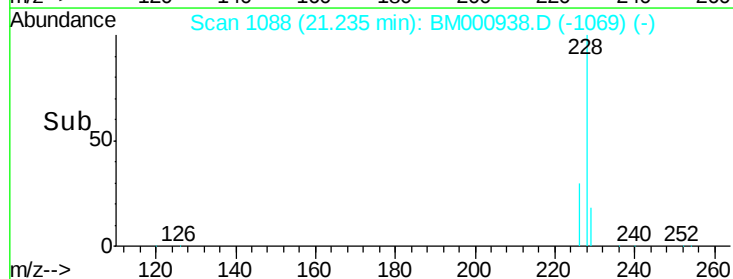
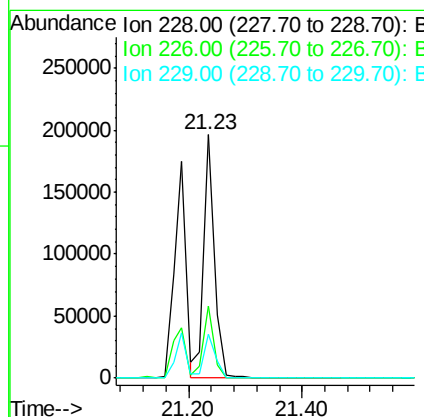
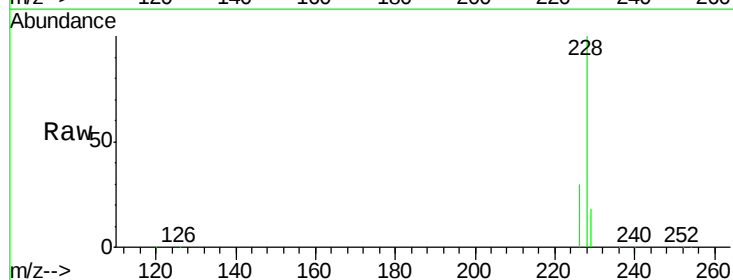
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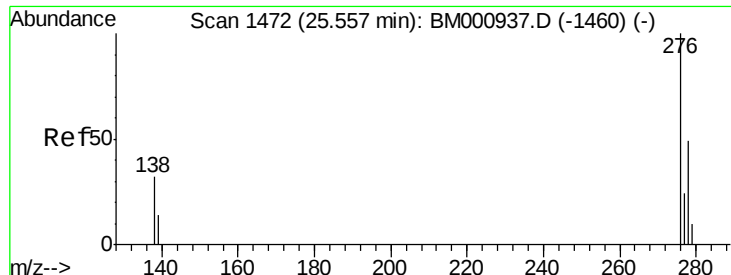
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#36
 Chrysene
 Concen: 8.21 ng
 RT: 21.23 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BM000938.D
 Acq: 10 Apr 2015 14:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.8	23.4	35.2
229	18.2	15.0	22.6





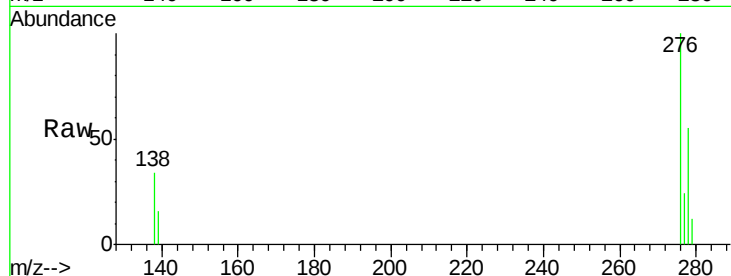
#37
 Indeno(1,2,3-cd)pyrene
 Concen: 8.09 ng
 RT: 25.56 min Scan# 1472
 Delta R.T. 0.00 min
 Lab File: BM000938.D
 Acq: 10 Apr 2015 14:10

Instrument :
 BNA_M
 ClientSampleId :
 PB82421BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	257069		
138	33.7		26.6	40.0
277	24.5		19.8	29.6

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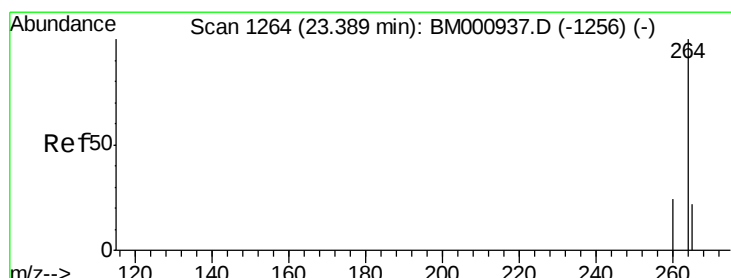
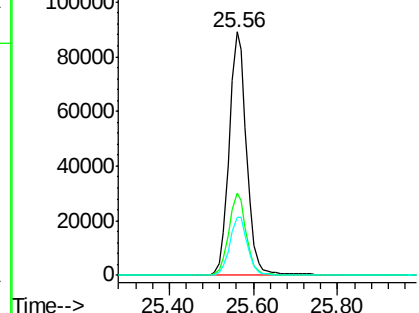
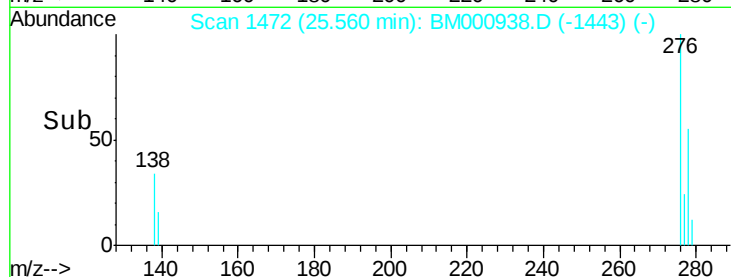


Abundance

Ion 276.00 (275.70 to 276.70): E

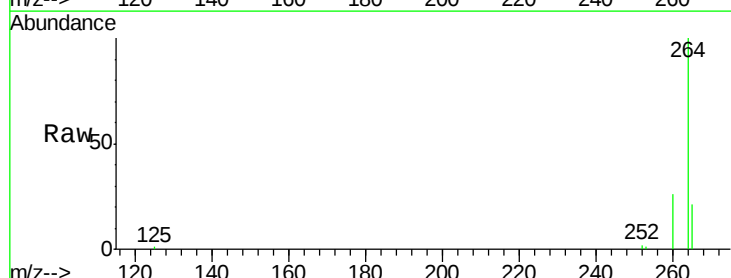
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#38
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.38 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BM000938.D
 Acq: 10 Apr 2015 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	92977		
260	26.4		20.6	30.8
265	20.6		16.4	24.6

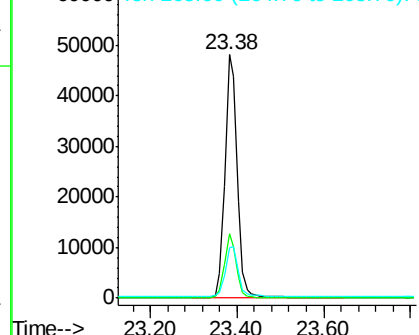
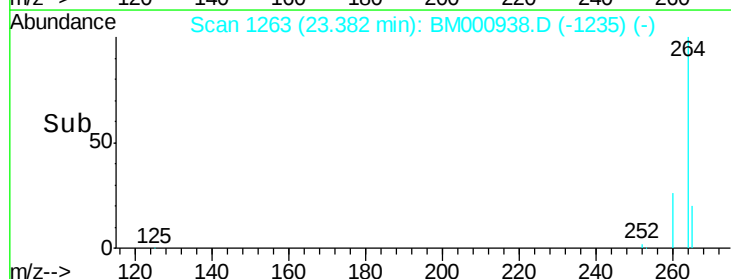


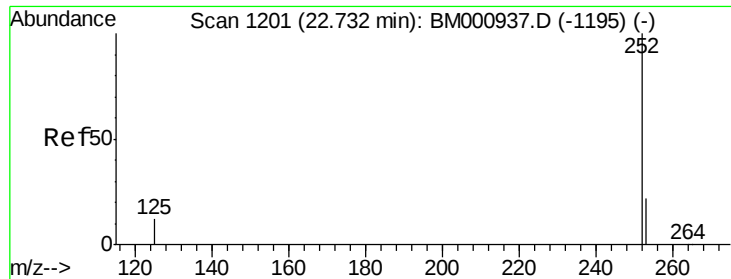
Abundance

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: 8.18 ng

RT: 22.72 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BM000938.D

Acq: 10 Apr 2015 14:10

Instrument :

BNA_M

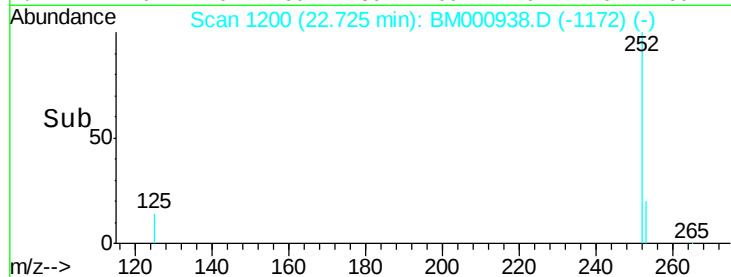
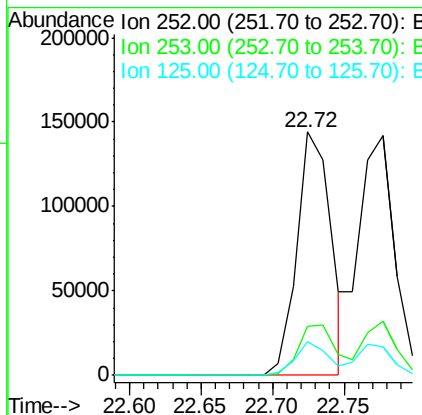
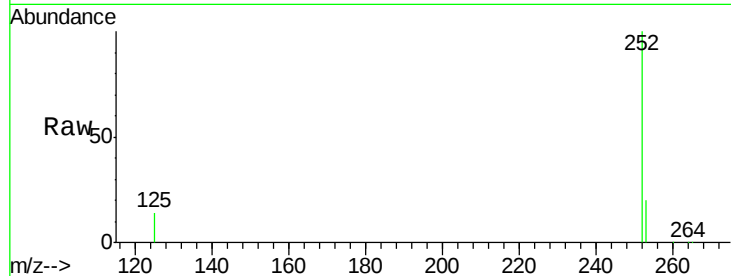
ClientSampleId :

PB82421BS

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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	237938		
253	20.1	16.9	25.3	
125	14.0	11.3	16.9	



#40

Benzo(k)fluoranthene

Concen: 8.94 ng

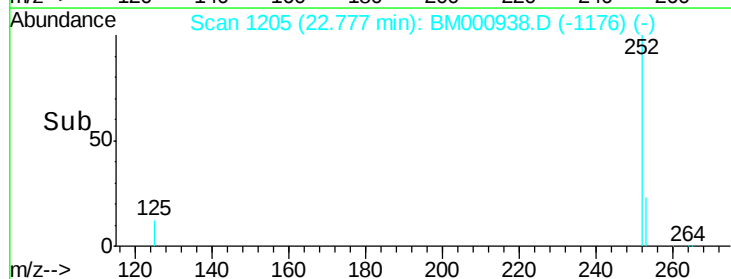
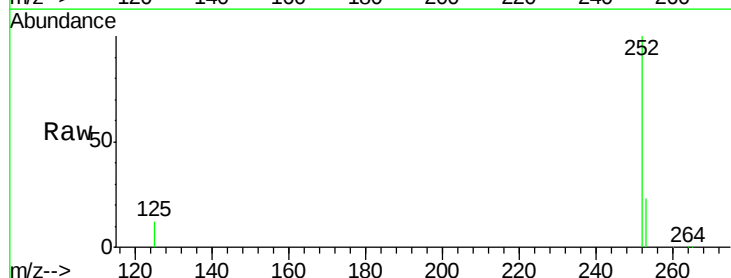
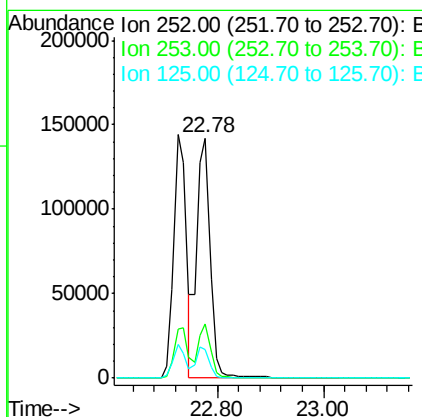
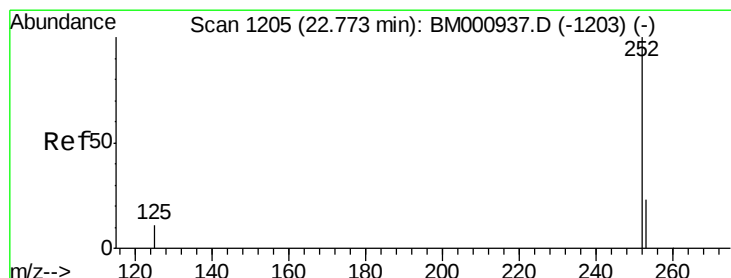
RT: 22.78 min Scan# 1205

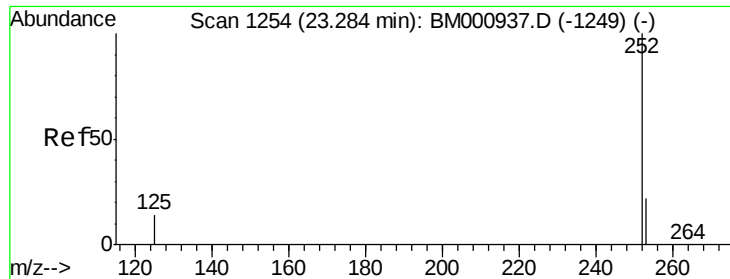
Delta R.T. 0.00 min

Lab File: BM000938.D

Acq: 10 Apr 2015 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	250439		
253	22.8	16.9	25.3	
125	12.0	11.2	16.8	





#41

Benzo(a)pyrene

Concen: 9.01 ng

RT: 23.29 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM000938.D

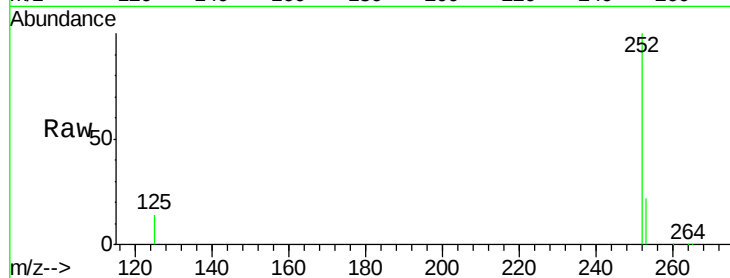
Acq: 10 Apr 2015 14:10

Instrument :

BNA_M

ClientSampleId :

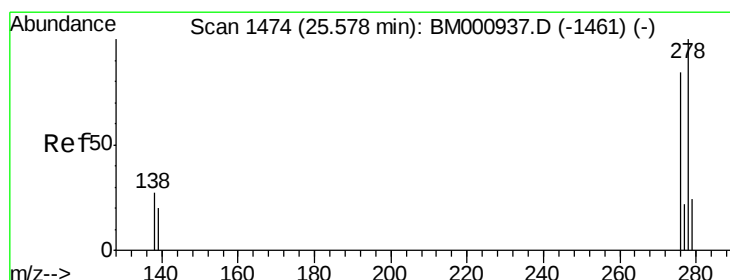
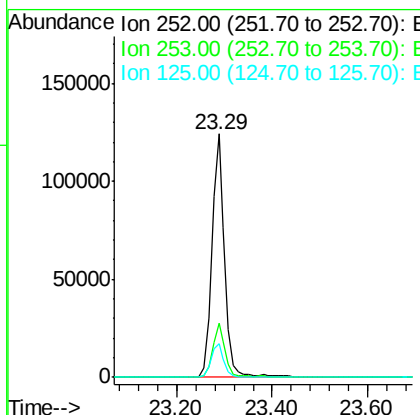
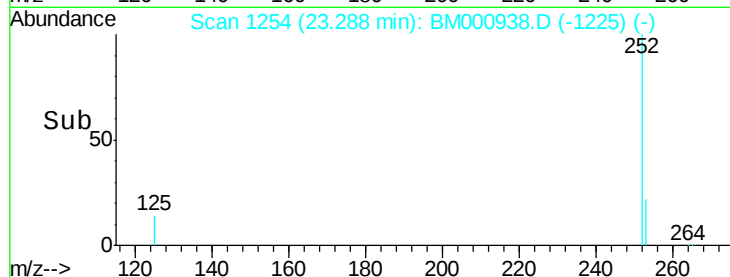
PB82421BS



Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		230863		
253	22.0	19.0	28.4		
125	14.1	11.0	16.6		

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#42

Dibenzo(a,h)anthracene

Concen: 8.68 ng

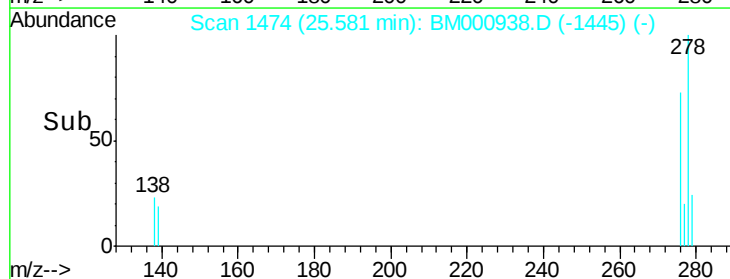
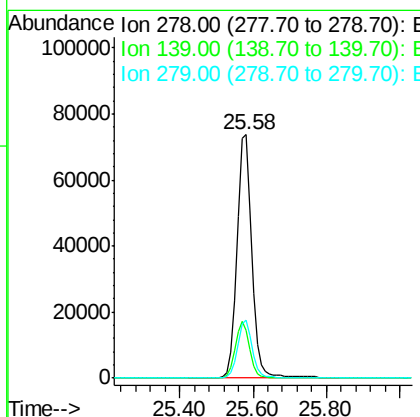
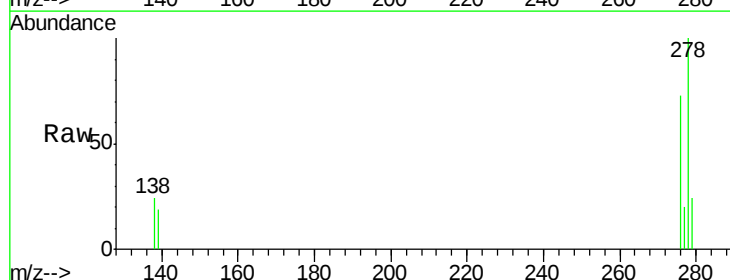
RT: 25.58 min Scan# 1474

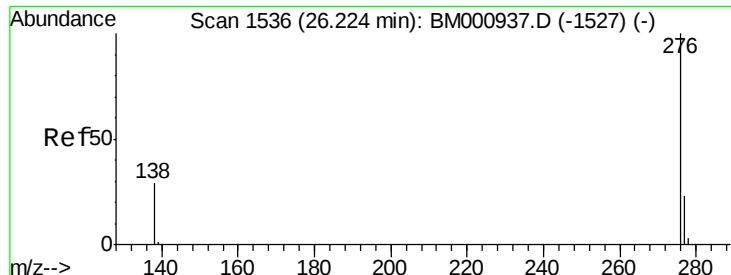
Delta R.T. 0.00 min

Lab File: BM000938.D

Acq: 10 Apr 2015 14:10

Tgt	Ion	Ratio	Resp	Lower	Upper
278	100		206155		
139	19.4	17.8	26.8		
279	23.9	19.0	28.6		





#43

Benzo(g,h,i)perylene

Concen: 8.42 ng

RT: 26.23 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BM000938.D

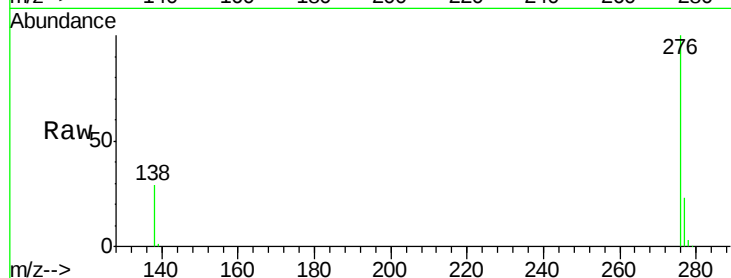
Acq: 10 Apr 2015 14:10

Instrument :

BNA_M

ClientSampleId :

PB82421BS



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		220855		
277	23.1	19.4	29.0		
138	28.8	21.7	32.5		

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