

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
 Data File : BM001537.D
 Acq On : 03 Jun 2015 06:45
 Operator : TP/IZ
 Sample : G2449-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FM1W

Manual Integrations
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Quant Time: Jun 03 07:23:27 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 05:42:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	15231	5.00	ng	0.00
6) Naphthalene-d8	10.49	136	52716	5.00	ng	0.00
12) Acenaphthene-d10	14.36	164	25191	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	76217	5.00	ng	0.00
25) Chrysene-d12	21.28	240	47521	5.00	ng	0.00
32) Perylene-d12	23.53	264	46205	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	13798	4.15	ng	0.00
5) Phenol-d6	6.86	99	12031	2.93	ng	0.00
7) Nitrobenzene-d5	8.87	82	24964	7.60	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	10477	21.64	ng	0.00
14) 2-Fluorobiphenyl	12.98	172	63928	8.45	ng	0.00
27) Terphenyl-d14	19.73	244	58014	9.91	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.54	128	15989	1.44	ng	96
11) 2-Methylnaphthalene	12.17	142	3184	0.46	ng	92
15) Acenaphthylene	14.07	152	1735	0.16	ng	# 89
16) Acenaphthene	14.42	154	3544	0.53	ng	99
17) Fluorene	15.39	166	4755	0.43	ng	97
22) Phenanthrene	17.12	178	21927	1.59	ng	98
23) Anthracene	17.23	178	3271	0.21	ng	# 81
24) Fluoranthene	19.16	202	15440	1.16	ng	# 97
26) Pyrene	19.53	202	14819	1.03	ng	# 96
28) Benzo(a)anthracene	21.27	228	7236	0.56	ng	# 91
29) Chrysene	21.31	228	5579	0.46	ng	# 92
30) Bis(2-ethylhexyl)phthalate	21.21	149	3521	0.39	ng	99
31) Indeno(1,2,3-cd)pyrene	25.79	276	3974	0.29	ng	99
33) Benzo(b)fluoranthene	22.85	252	8597m	0.65	ng	
34) Benzo(k)fluoranthene	22.90	252	2335m	0.20	ng	
35) Benzo(a)pyrene	23.43	252	5933	0.53	ng	# 84
37) Benzo(g,h,i)perylene	26.49	276	4196	0.36	ng	# 87

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

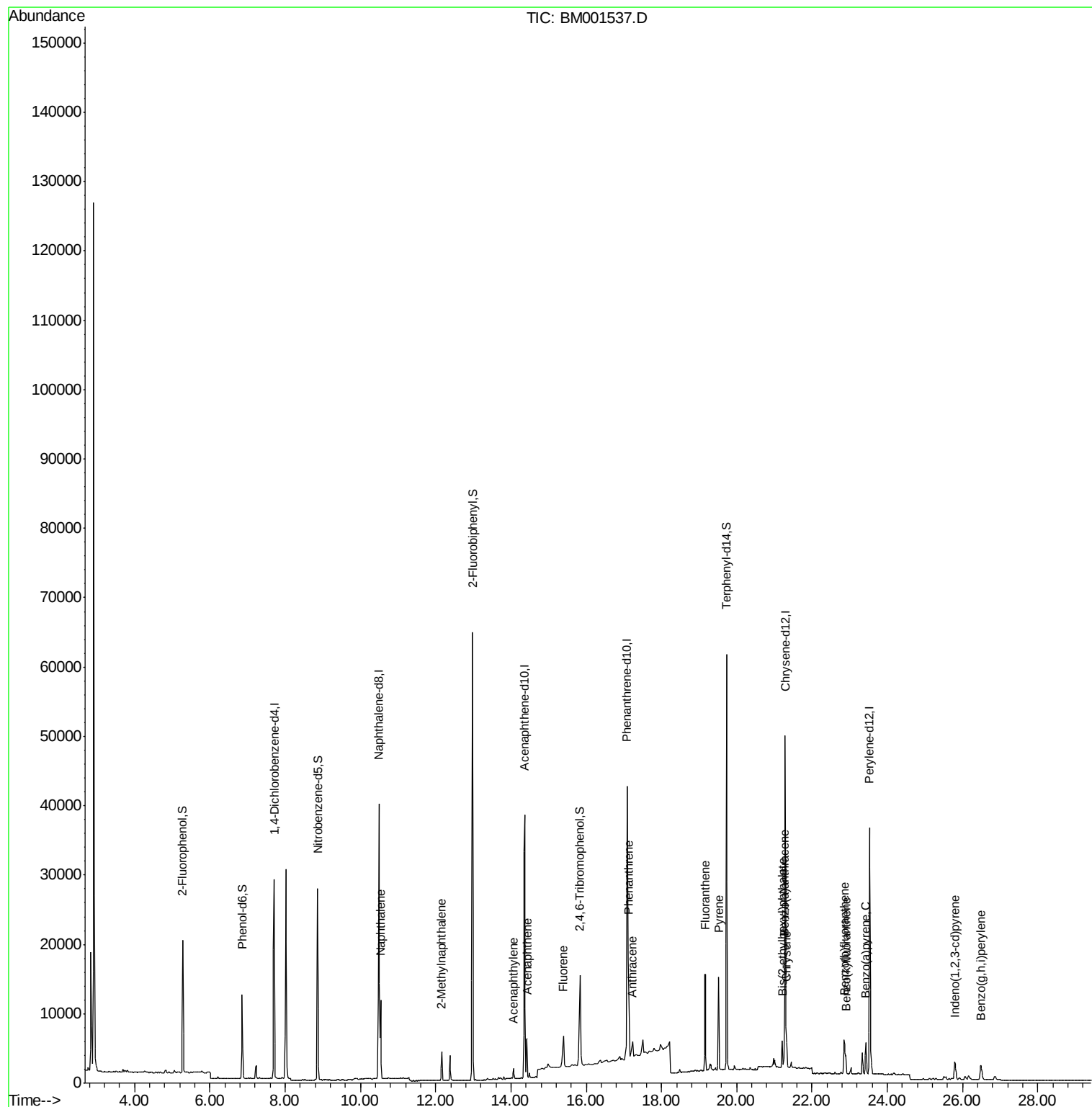
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

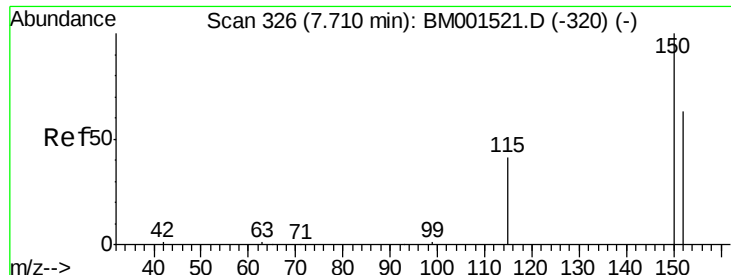
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.71 min Scan# 326

Delta R.T. 0.00 min

Lab File: BM001537.D

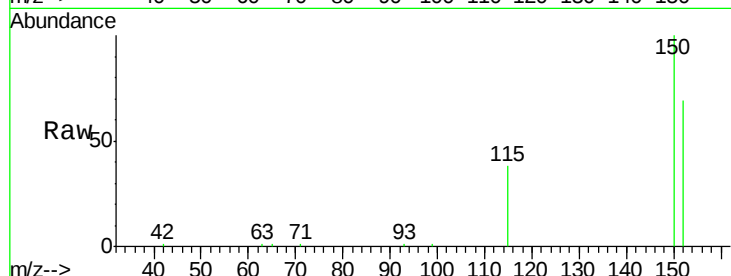
Acq: 03 Jun 2015 06:45

Instrument :

BNA_M

ClientSampleId :

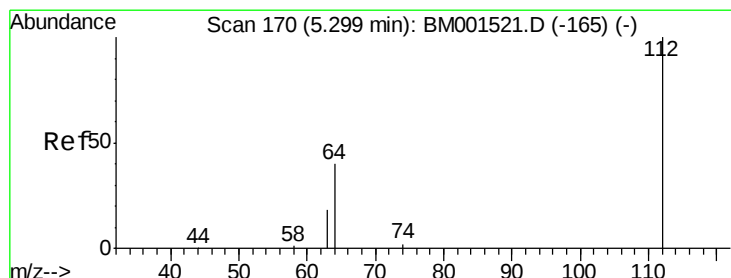
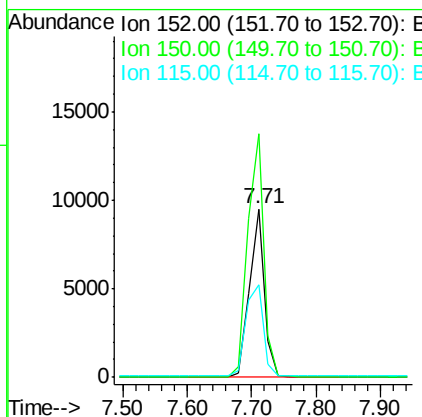
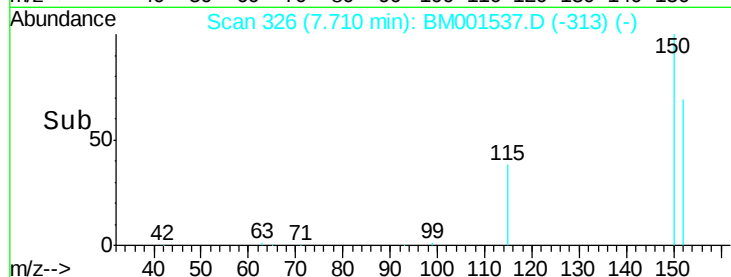
FM1W



Tgt Ion:	152	Resp:	15231
Ion Ratio	Lower	Upper	
152	100		
150	144.8	119.0	178.6
115	54.8	41.8	62.8

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#4

2-Fluorophenol

Concen: 4.15 ng

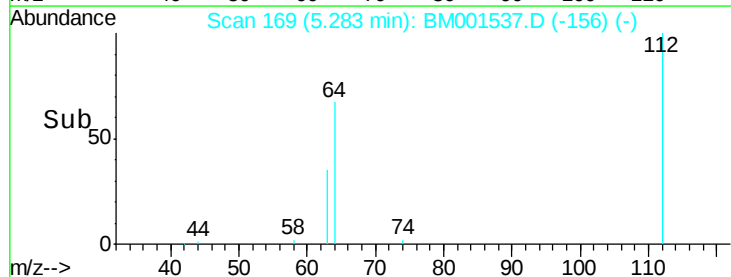
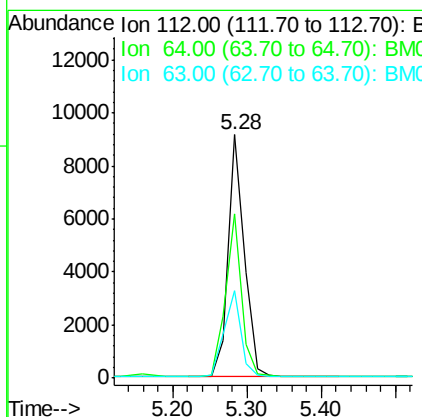
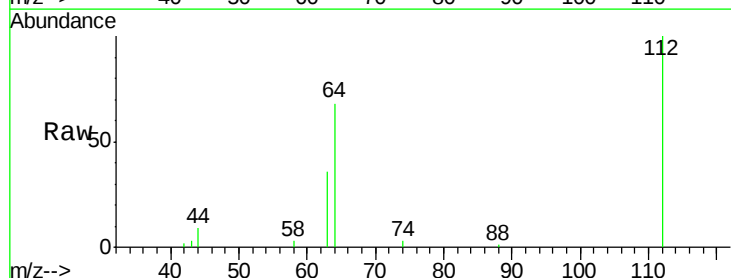
RT: 5.28 min Scan# 169

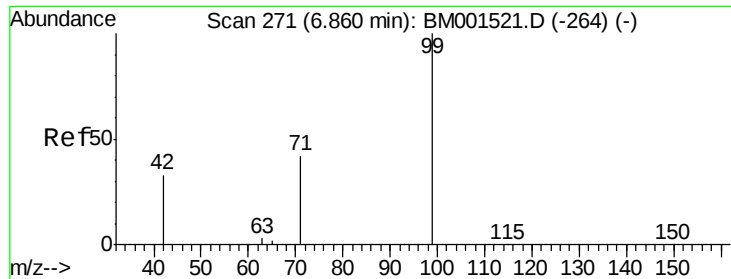
Delta R.T. 0.00 min

Lab File: BM001537.D

Acq: 03 Jun 2015 06:45

Tgt Ion:	112	Resp:	13798
Ion Ratio	Lower	Upper	
112	100		
64	66.0	51.7	77.5
63	36.8	29.7	44.5





#5

Phenol-d6

Concen: 2.93 ng

RT: 6.86 min Scan# 271

Delta R.T. 0.00 min

Lab File: BM001537.D

Acq: 03 Jun 2015 06:45

Instrument :

BNA_M

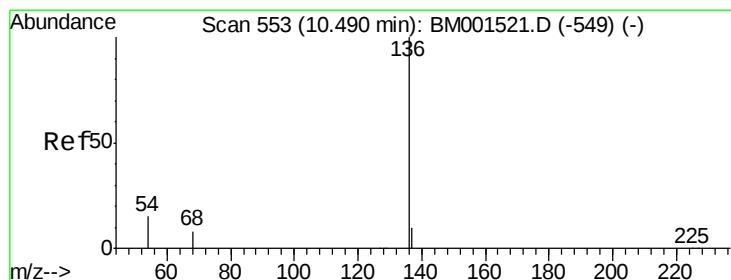
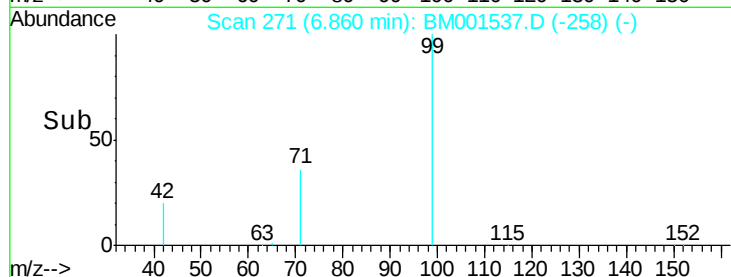
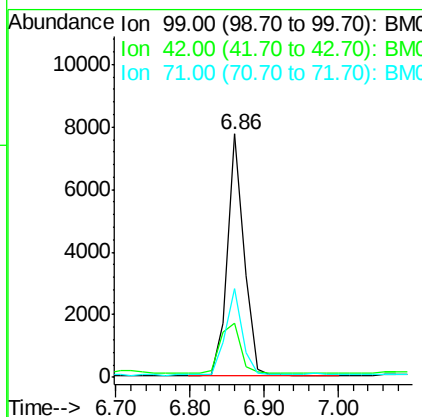
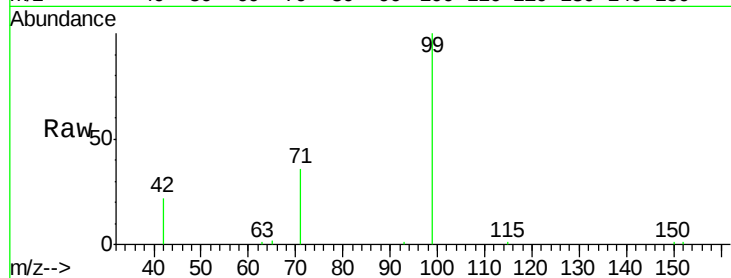
ClientSampleId :

FM1W

Tgt Ion:	99	Resp:	12031
Ion Ratio	Lower	Upper	
99	100		
42	25.4	21.8	32.6
71	36.1	29.2	43.8

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#6

Naphthalene-d8

Concen: 5.00 ng

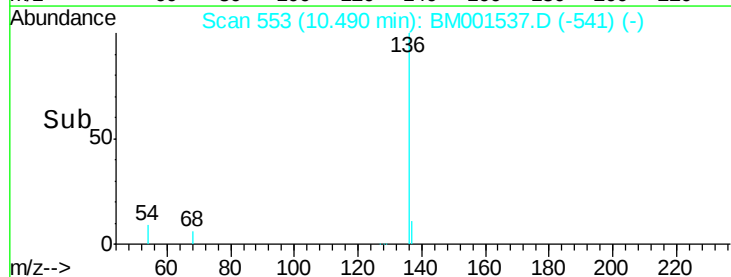
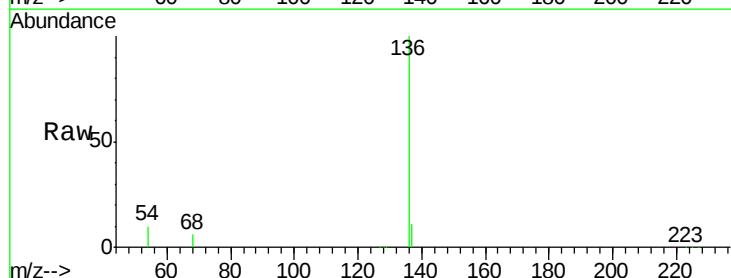
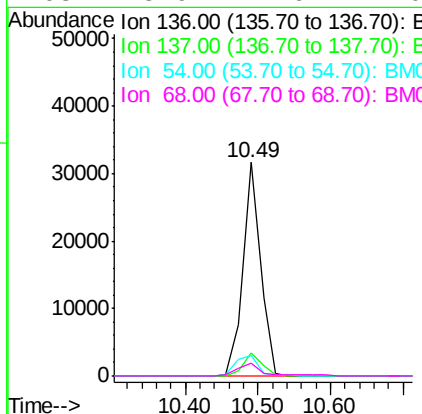
RT: 10.49 min Scan# 553

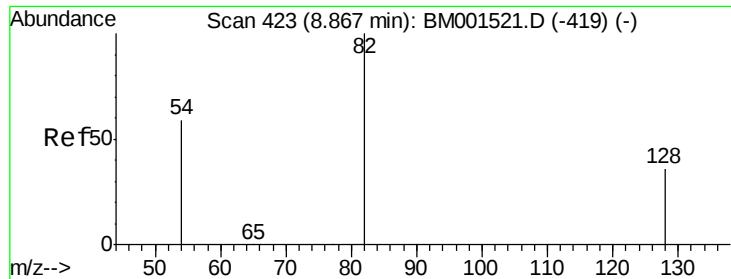
Delta R.T. 0.00 min

Lab File: BM001537.D

Acq: 03 Jun 2015 06:45

Tgt Ion:	136	Resp:	52716
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	9.5	4.3	6.5#
68	5.9	2.6	4.0#





#7

Nitrobenzene-d5

Concen: 7.60 ng

RT: 8.87 min Scan# 423

Delta R.T. 0.00 min

Lab File: BM001537.D

Acq: 03 Jun 2015 06:45

Instrument :

BNA_M

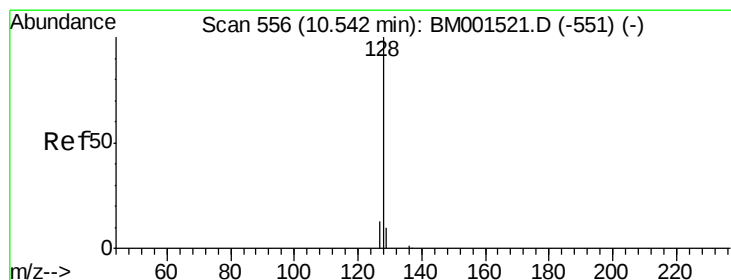
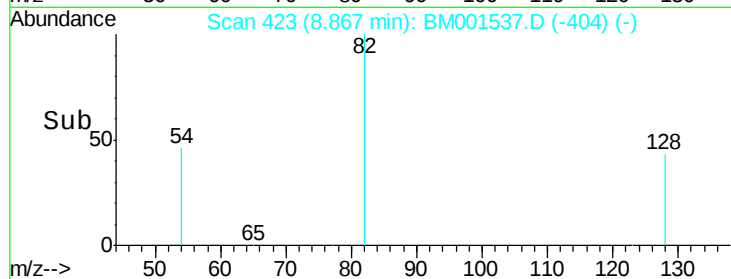
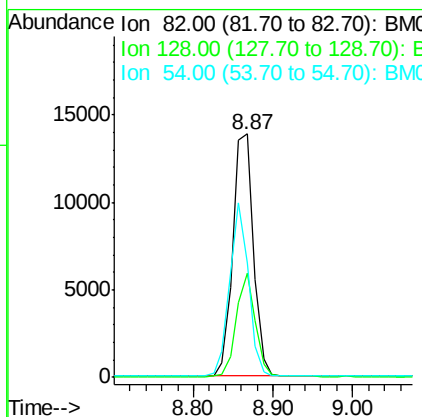
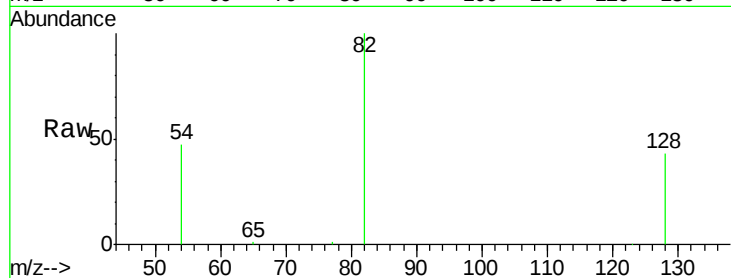
ClientSampleId :

FM1W

Tgt Ion	82	Resp	24964
Ion Ratio	100	Lower	Upper
128	42.8	30.2	45.4
54	46.7	52.9	79.3#

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#9

Naphthalene

Concen: 1.44 ng

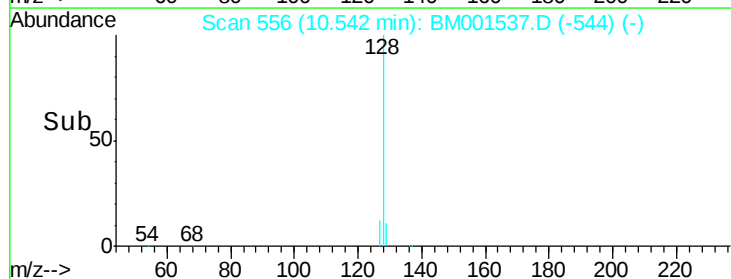
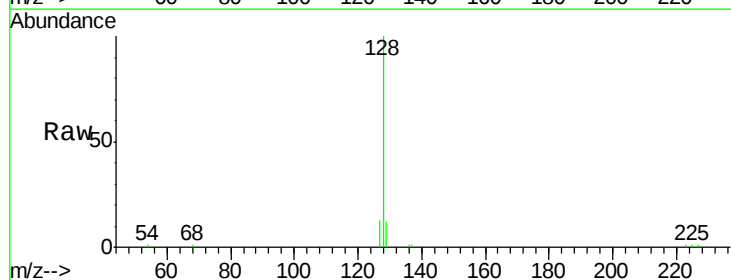
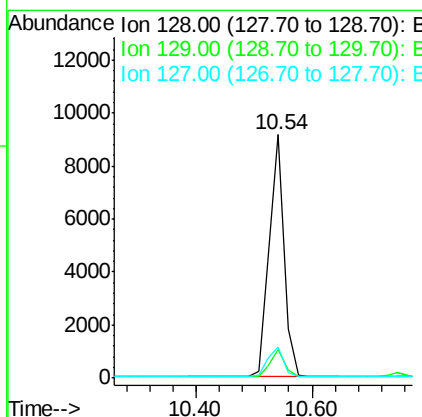
RT: 10.54 min Scan# 556

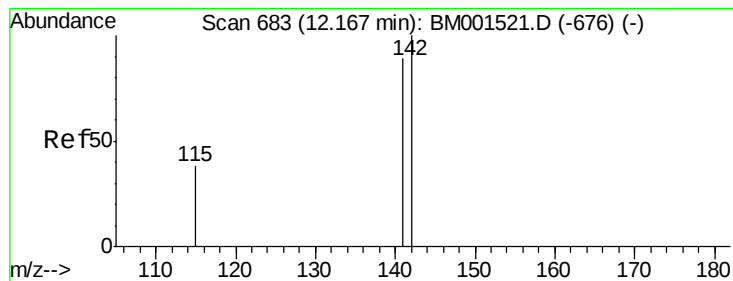
Delta R.T. 0.00 min

Lab File: BM001537.D

Acq: 03 Jun 2015 06:45

Tgt Ion	128	Resp	15989
Ion Ratio	100	Lower	Upper
129	11.6	8.6	13.0
127	12.7	11.7	17.5





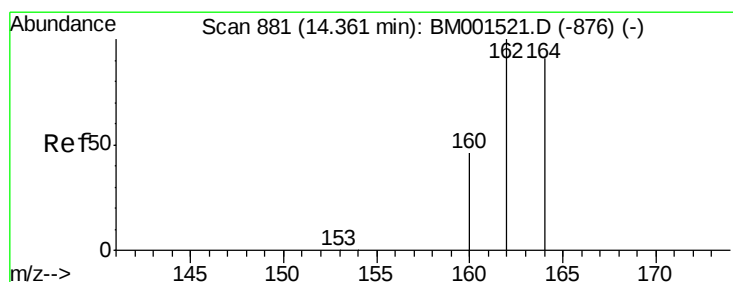
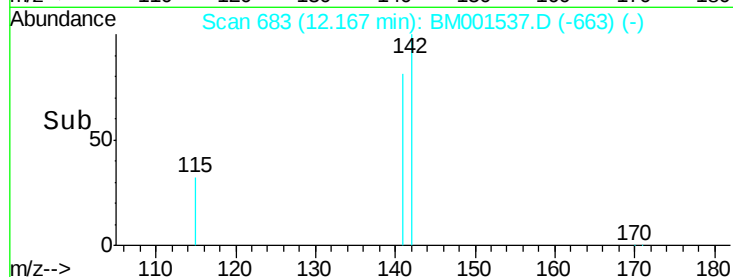
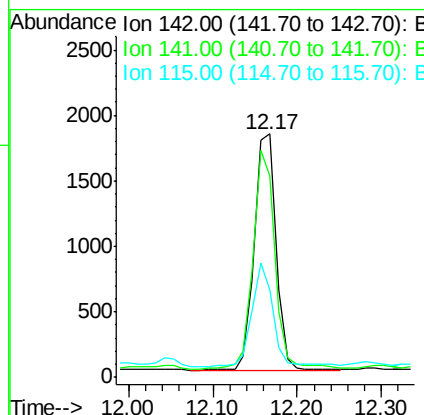
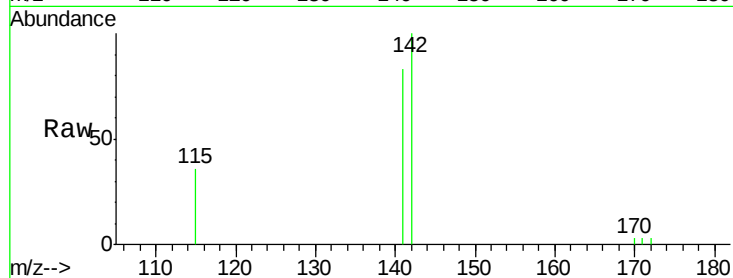
#11
2-Methylnaphthalene
Concen: 0.46 ng
RT: 12.17 min Scan# 683
Delta R.T. 0.01 min
Lab File: BM001537.D
Acq: 03 Jun 2015 06:45

Instrument :
BNA_M
ClientSampleId :
FM1W

Tgt Ion	Ratio	Lower	Upper
142	100		
141	82.7	72.6	109.0
115	35.7	31.2	46.8

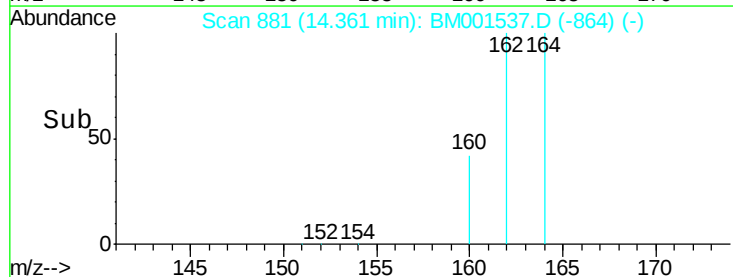
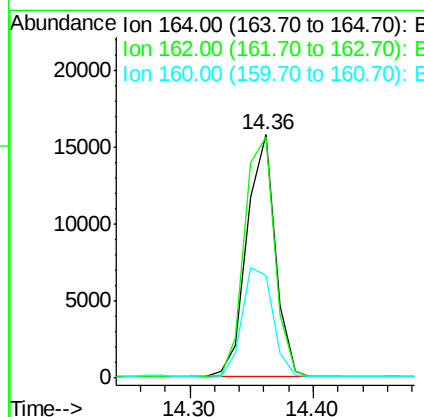
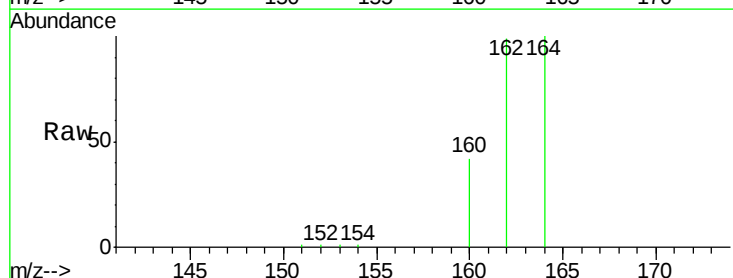
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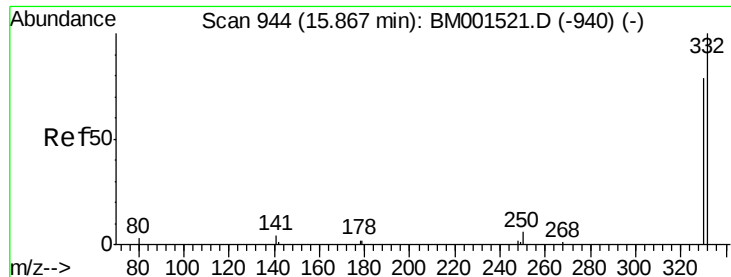
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#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.36 min Scan# 881
Delta R.T. 0.00 min
Lab File: BM001537.D
Acq: 03 Jun 2015 06:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	83.4	125.2
160	42.2	36.9	55.3





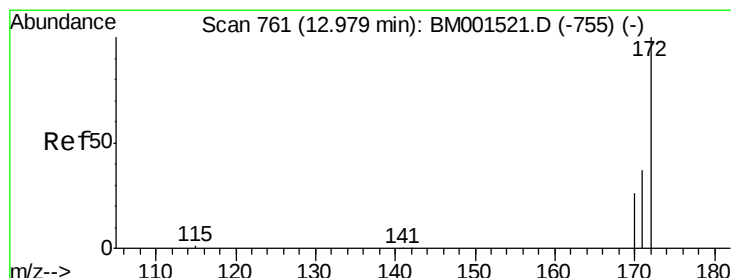
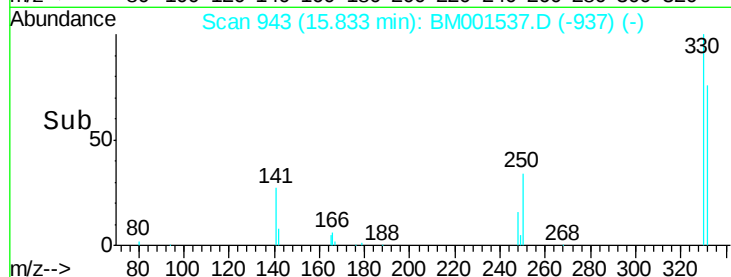
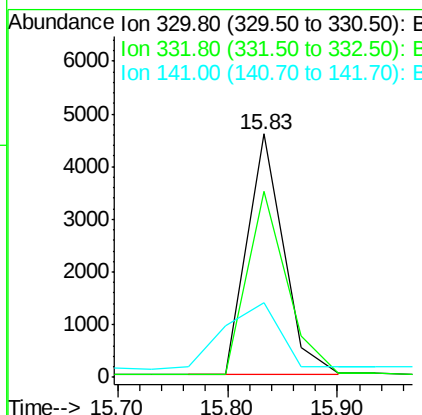
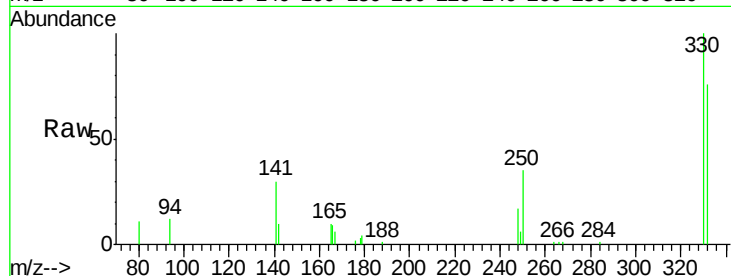
#13
 2,4,6-Tribromophenol
 Concen: 21.64 ng
 RT: 15.83 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001537.D
 Acq: 03 Jun 2015 06:45

Instrument :
 BNA_M
 ClientSampleId :
 FM1W

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	82.7	10477	90.3	135.5#
141	42.4		0.0	0.0#

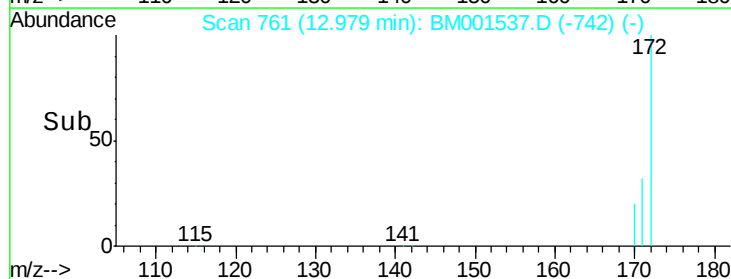
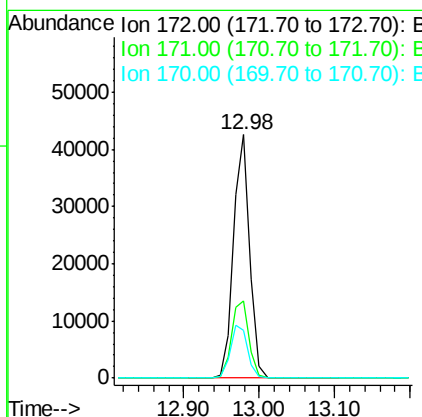
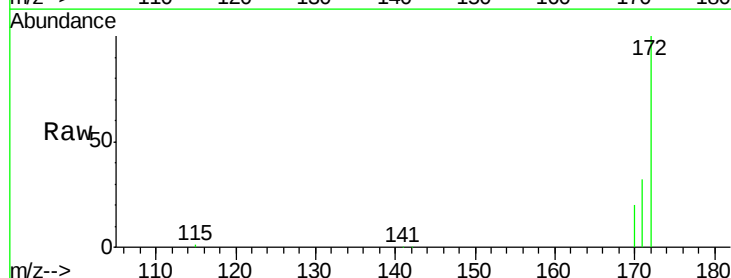
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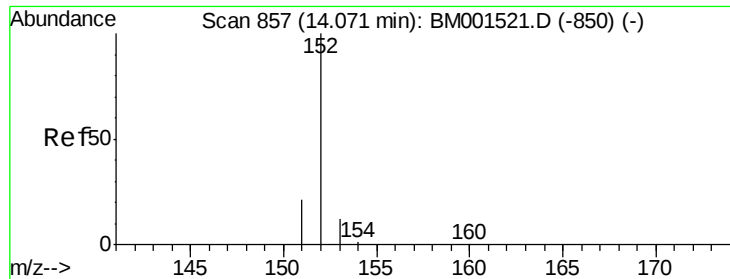
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#14
 2-Fluorobiphenyl
 Concen: 8.45 ng
 RT: 12.98 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BM001537.D
 Acq: 03 Jun 2015 06:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	63928		
171	31.9		29.4	44.0
170	19.7		20.2	30.4#





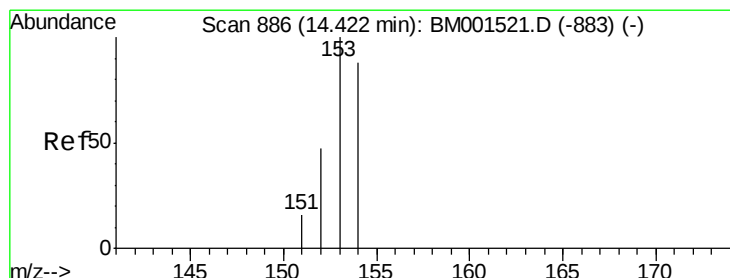
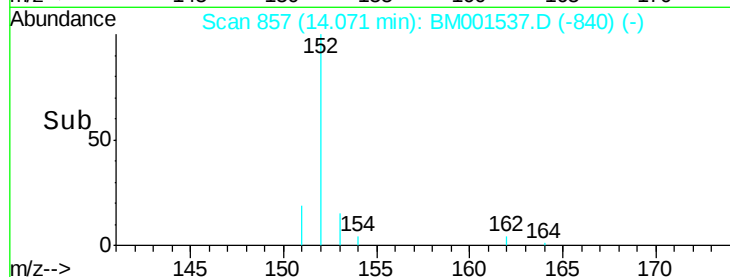
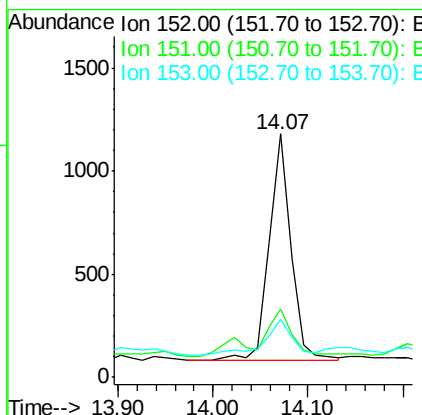
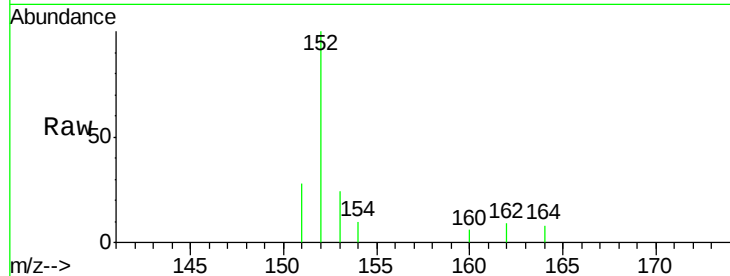
#15
Acenaphthylene
Concen: 0.16 ng
RT: 14.07 min Scan# 857
Delta R.T. 0.00 min
Lab File: BM001537.D
Acq: 03 Jun 2015 06:45

Instrument :
BNA_M
ClientSampleId :
FM1W

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.1	22.7
153	20.5	10.2	15.4

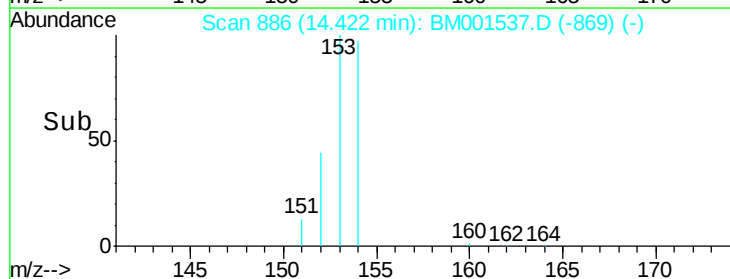
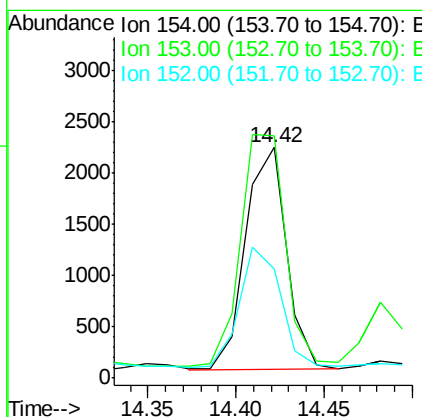
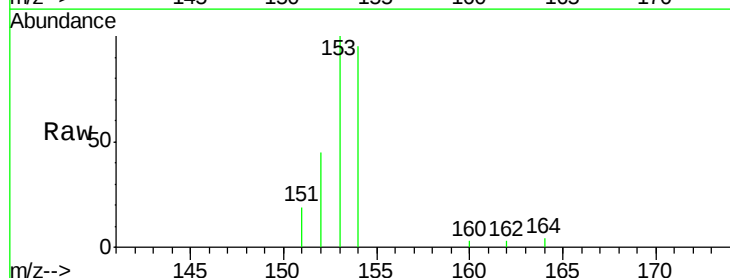
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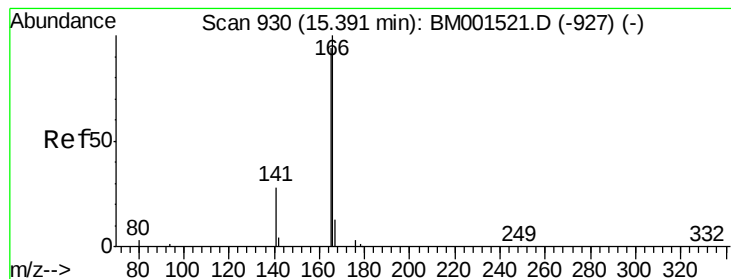
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#16
Acenaphthene
Concen: 0.53 ng
RT: 14.42 min Scan# 886
Delta R.T. 0.00 min
Lab File: BM001537.D
Acq: 03 Jun 2015 06:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.4	137.2
152	55.2	44.0	66.0





#17

Fluorene

Concen: 0.43 ng

RT: 15.39 min Scan# 930

Delta R.T. 0.00 min

Lab File: BM001537.D

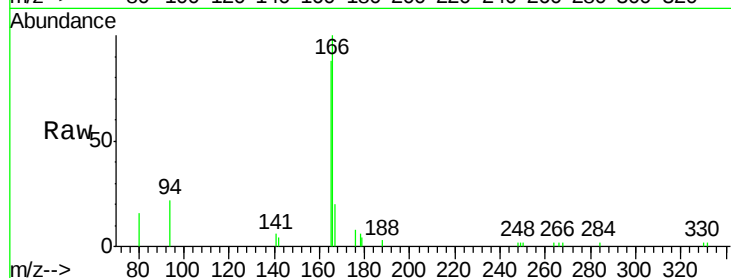
Acq: 03 Jun 2015 06:45

Instrument :

BNA_M

ClientSampleId :

FM1W



Tgt Ion:166 Resp: 4755

Ion Ratio Lower Upper

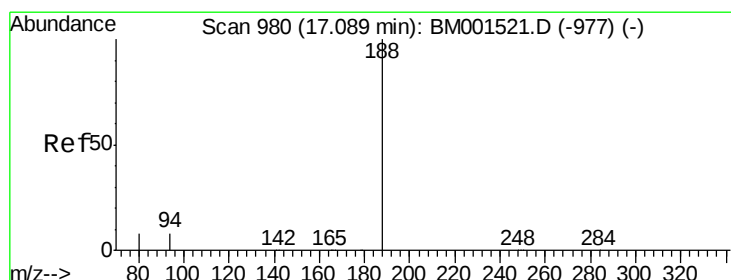
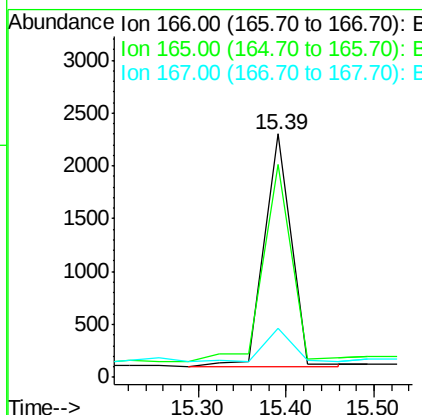
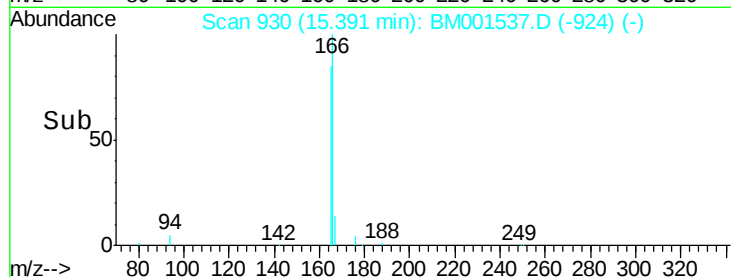
166 100

165 87.5 72.6 108.8

167 14.9 10.9 16.3

Manual Integrations
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#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001537.D

Acq: 03 Jun 2015 06:45

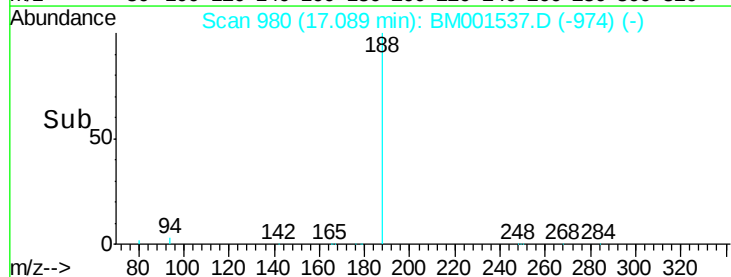
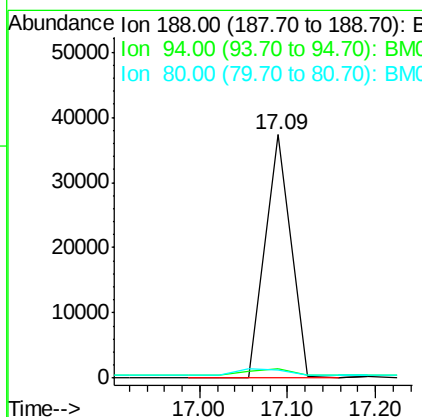
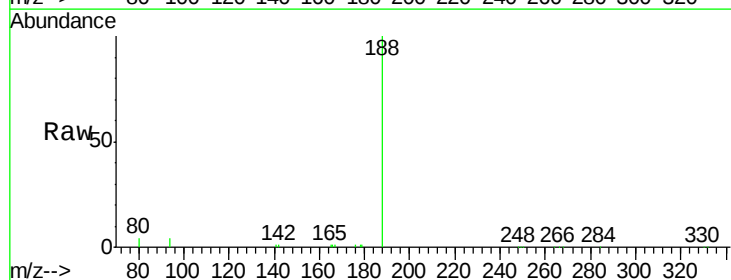
Tgt Ion:188 Resp: 76217

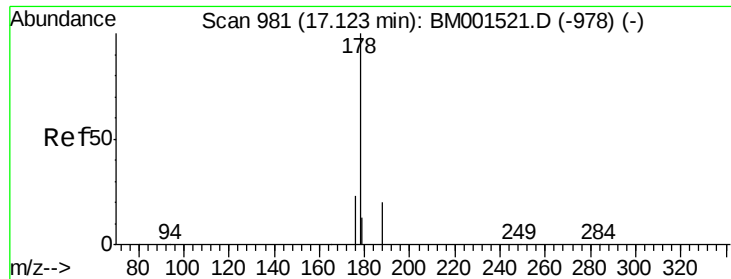
Ion Ratio Lower Upper

188 100

94 3.9 3.0 4.4

80 3.5 2.5 3.7





#22

Phenanthrene

Concen: 1.59 ng

RT: 17.12 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM001537.D

Acq: 03 Jun 2015 06:45

Instrument :

BNA_M

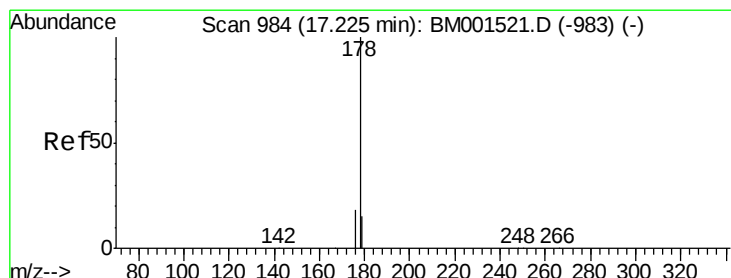
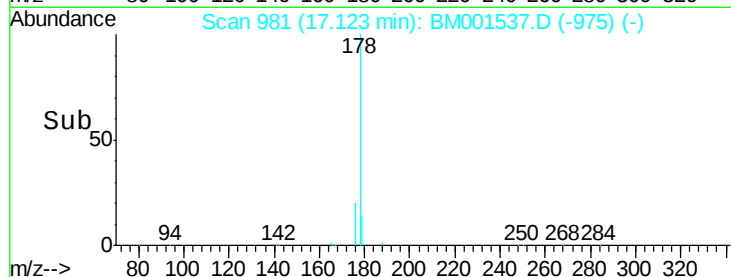
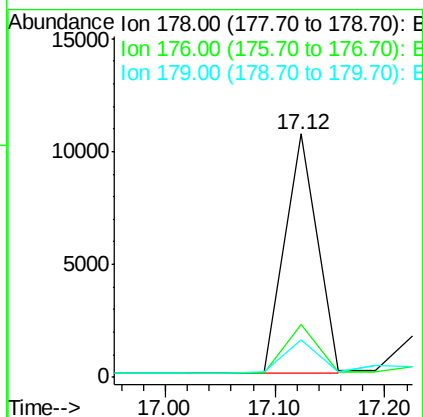
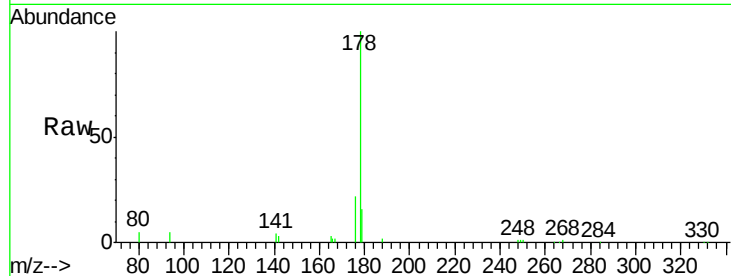
ClientSampleId :

FM1W

Tgt Ion:	178	Resp:	21927
Ion Ratio	Lower	Upper	
178	100		
176	20.6	16.8	25.2
179	15.0	11.0	16.4

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#23

Anthracene

Concen: 0.21 ng

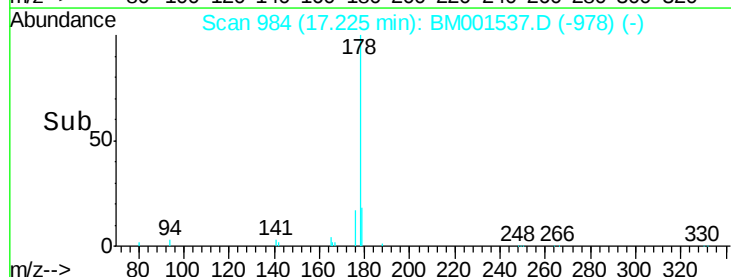
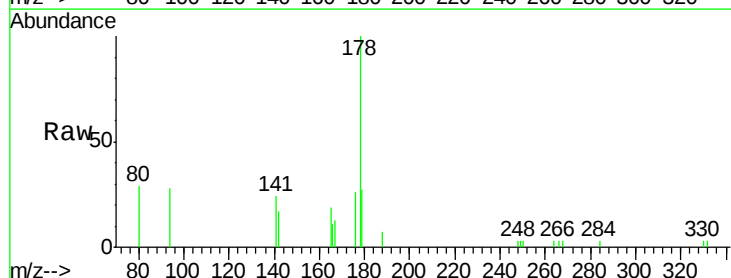
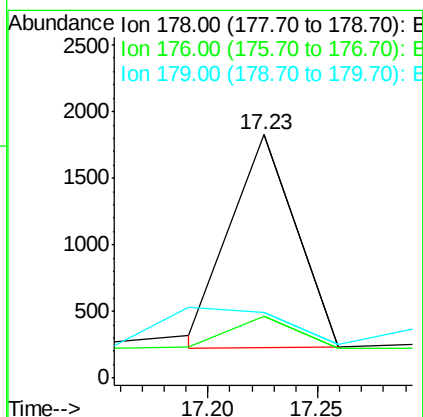
RT: 17.23 min Scan# 984

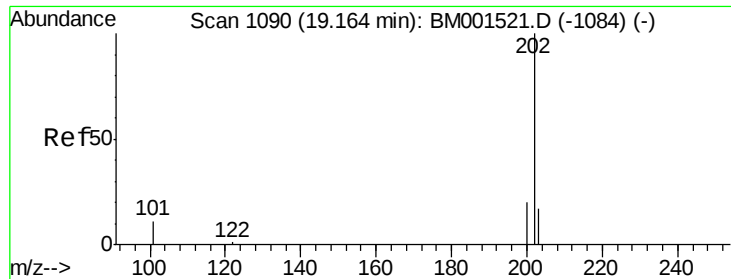
Delta R.T. 0.00 min

Lab File: BM001537.D

Acq: 03 Jun 2015 06:45

Tgt Ion:	178	Resp:	3271
Ion Ratio	Lower	Upper	
178	100		
176	16.0	13.1	19.7
179	0.0	12.8	19.2#





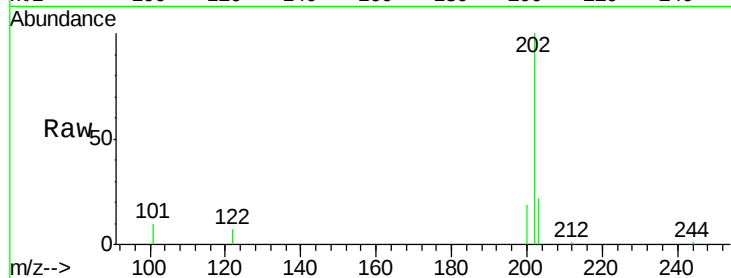
#24
Fluoranthene
Concen: 1.16 ng
RT: 19.16 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BM001537.D
Acq: 03 Jun 2015 06:45

Instrument :
BNA_M
ClientSampled :
FM1W

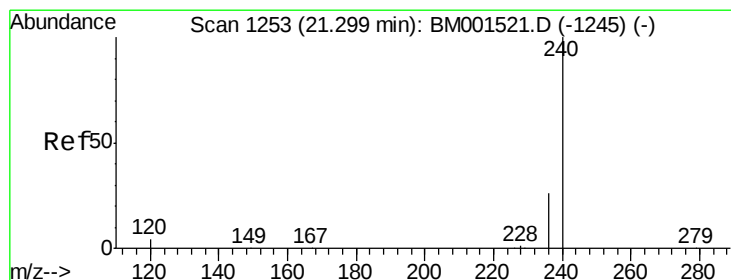
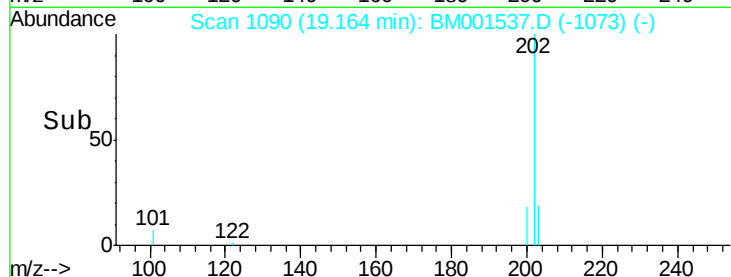
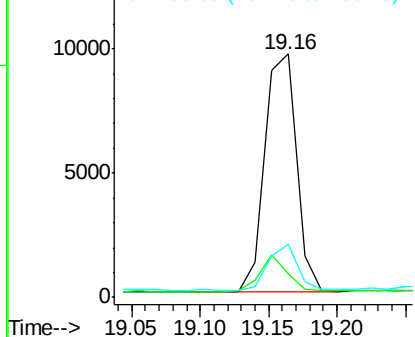
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	8.6	12.8#
203	17.5	13.8	20.6

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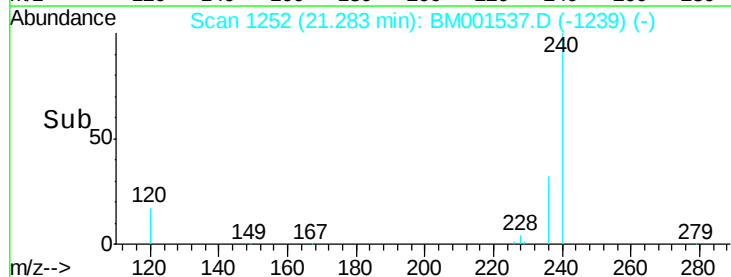
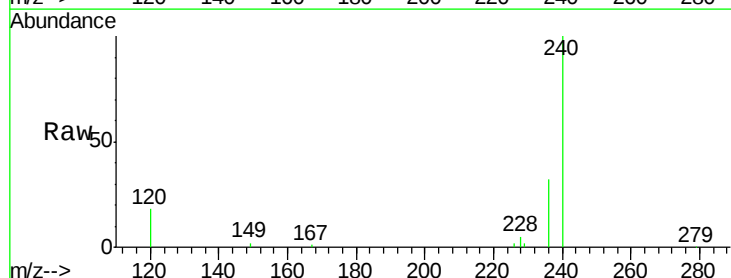
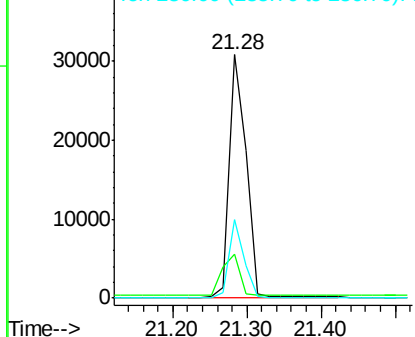
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

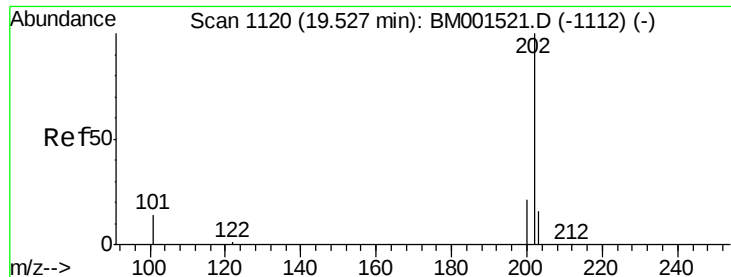


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001537.D
Acq: 03 Jun 2015 06:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.2	9.7	14.5#
236	32.0	24.8	37.2

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





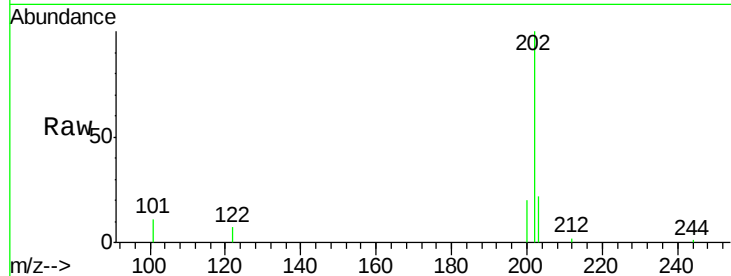
#26
Pyrene
Concen: 1.03 ng
RT: 19.53 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BM001537.D
Acq: 03 Jun 2015 06:45

Instrument :
BNA_M
ClientSampleId :
FM1W

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.9	16.4	24.6
203	21.3	13.9	20.9#

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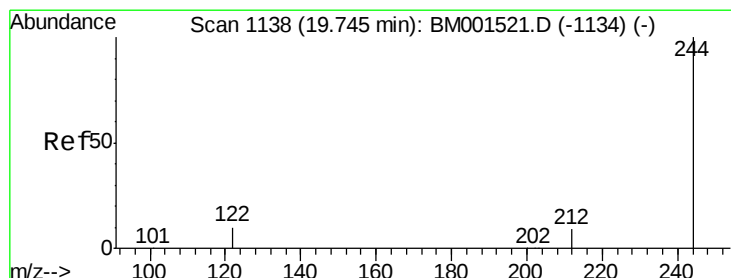
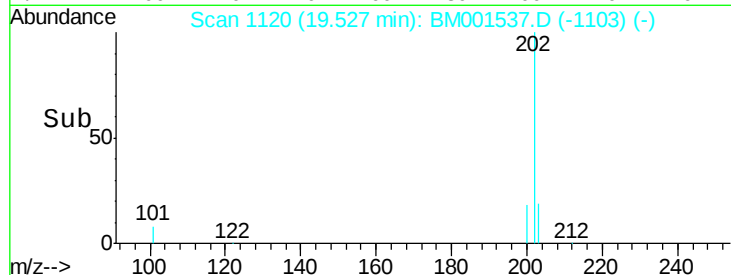
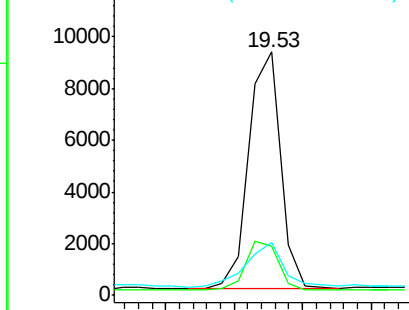


Abundance

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



#27
Terphenyl-d14
Concen: 9.91 ng
RT: 19.73 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BM001537.D
Acq: 03 Jun 2015 06:45

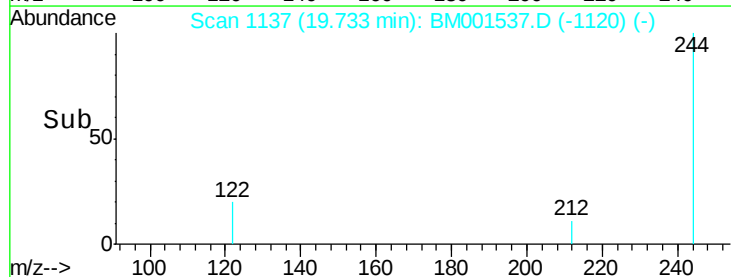
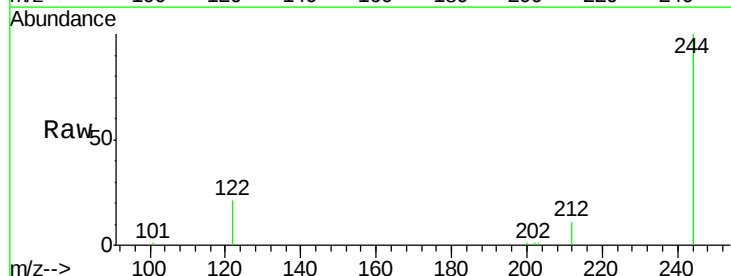
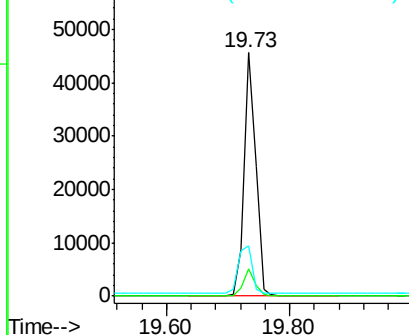
Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	11.2	7.2	10.8#
122	20.9	5.1	7.7#

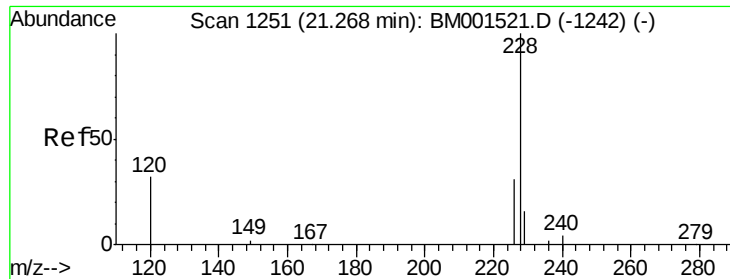
Abundance

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





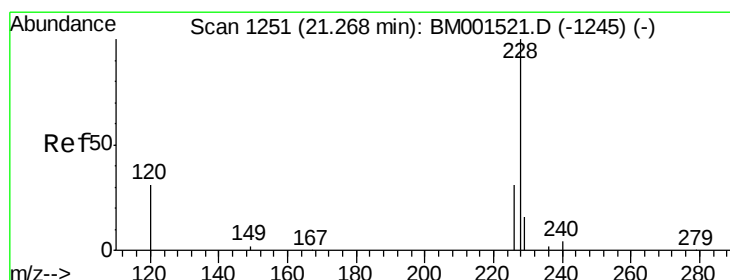
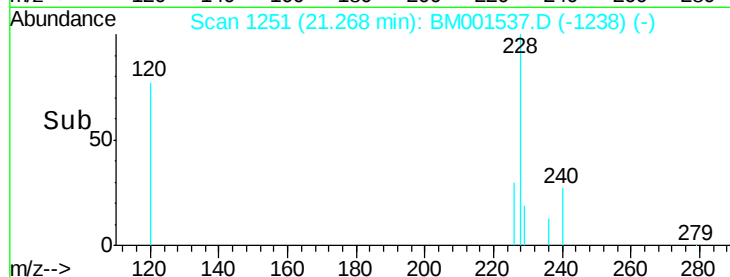
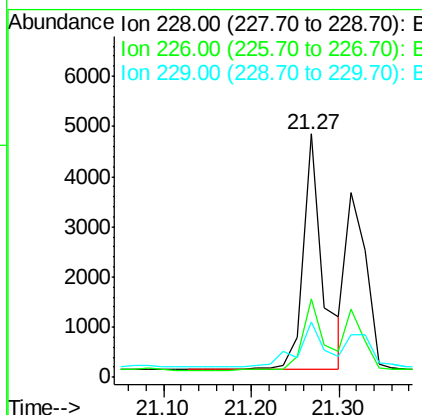
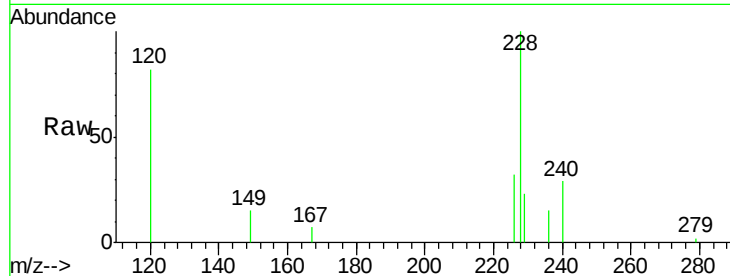
#28
Benzo(a)anthracene
Concen: 0.56 ng
RT: 21.27 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BM001537.D
Acq: 03 Jun 2015 06:45

Instrument :
BNA_M
ClientSampleId :
FM1W

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	21.9	32.9
229	23.0	15.1	22.7#

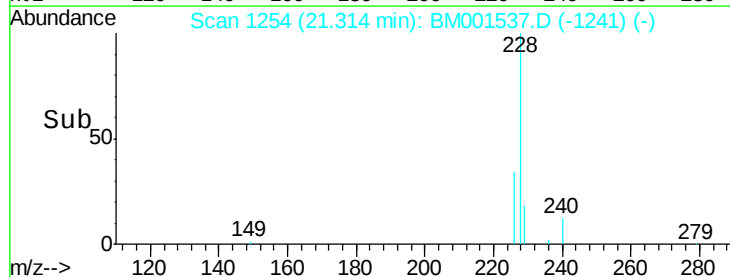
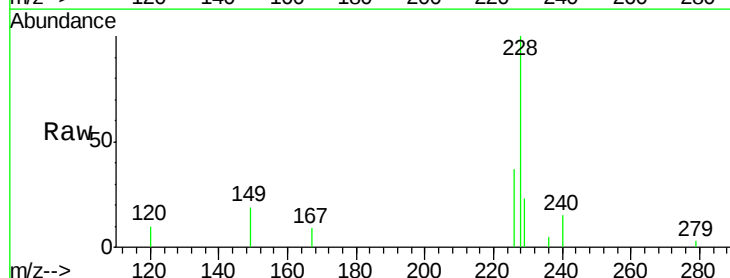
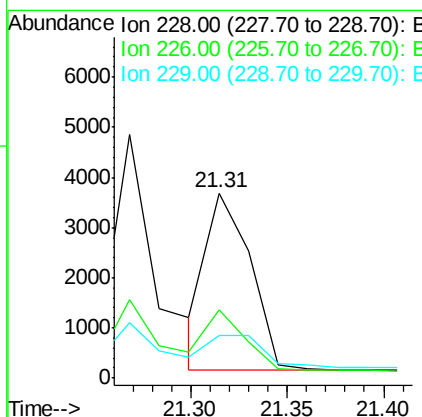
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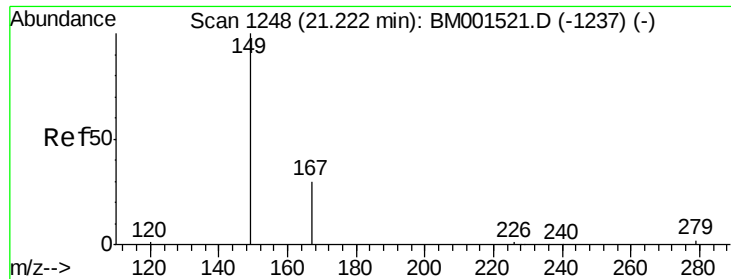
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#29
Chrysene
Concen: 0.46 ng
RT: 21.31 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BM001537.D
Acq: 03 Jun 2015 06:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.9	27.6	41.4
229	23.3	13.6	20.4#





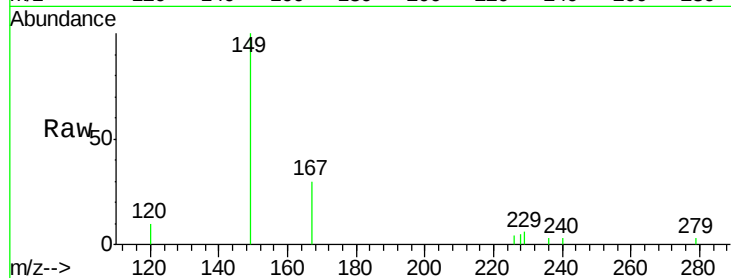
#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.39 ng
 RT: 21.21 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BM001537.D
 Acq: 03 Jun 2015 06:45

Instrument :
 BNA_M
 ClientSampleId :
 FM1W

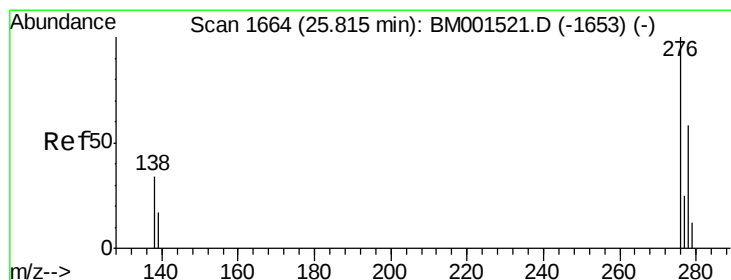
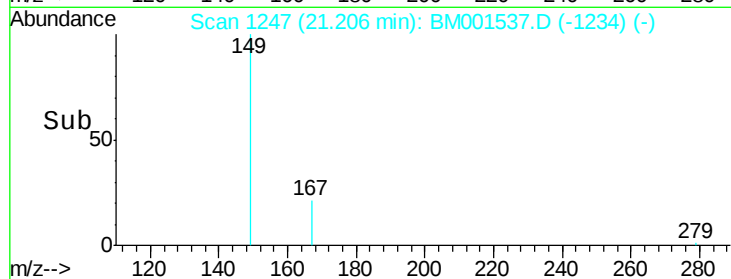
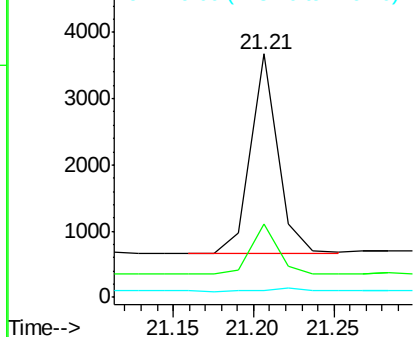
Tgt Ion:	149	Resp:	3521
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.0	31.6
279	2.4	2.2	3.2

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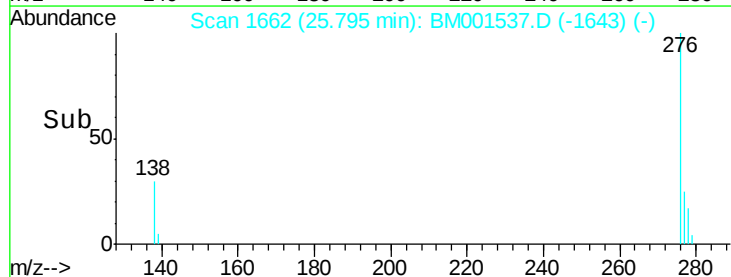
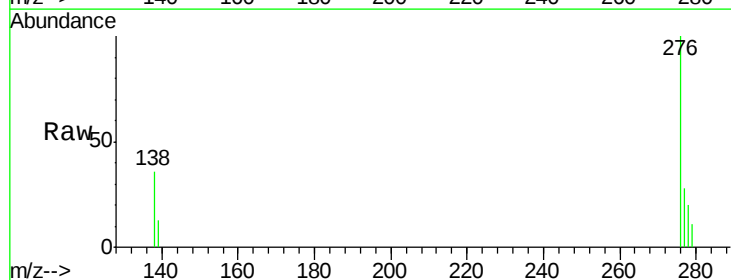
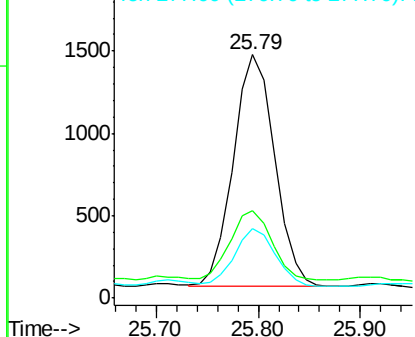
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

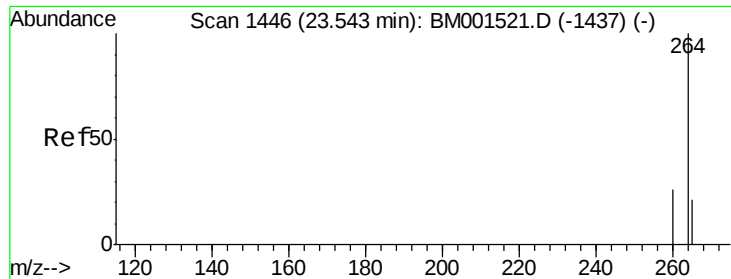


#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.29 ng
 RT: 25.79 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM001537.D
 Acq: 03 Jun 2015 06:45

Tgt Ion:	276	Resp:	3974
Ion Ratio	Lower	Upper	
276	100		
138	30.2	23.4	35.0
277	24.7	19.5	29.3

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





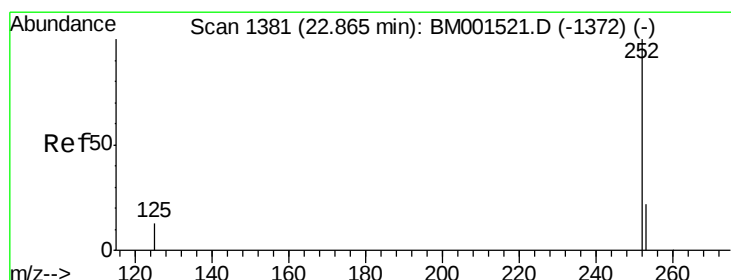
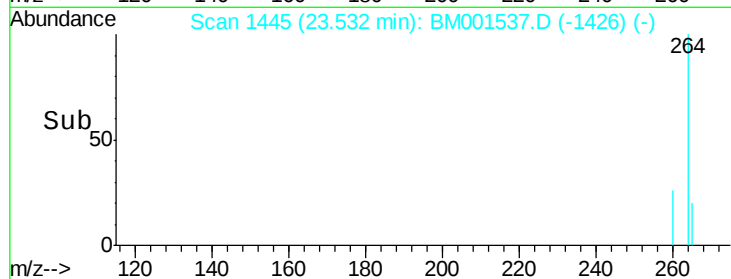
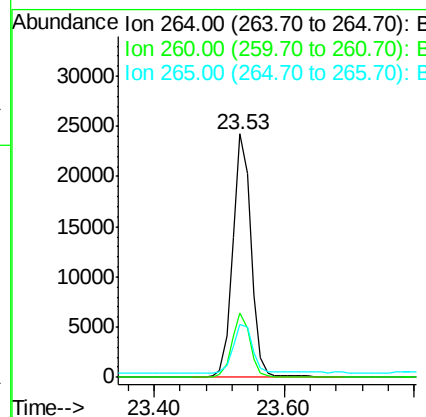
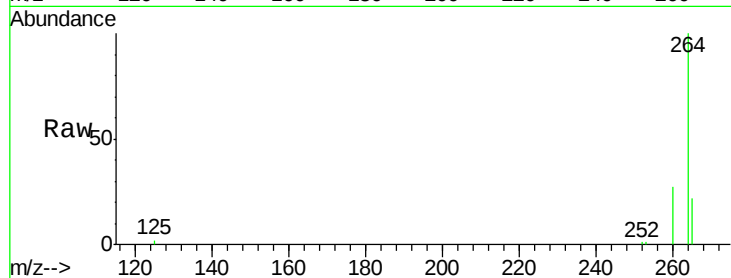
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.53 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BM001537.D
Acq: 03 Jun 2015 06:45

Instrument :
BNA_M
ClientSampleId :
FM1W

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.1	30.1
265	21.8	17.1	25.7

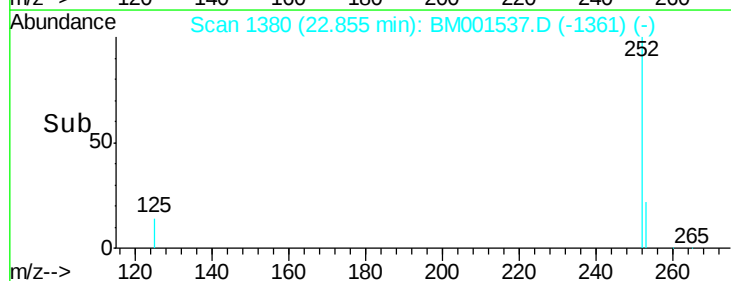
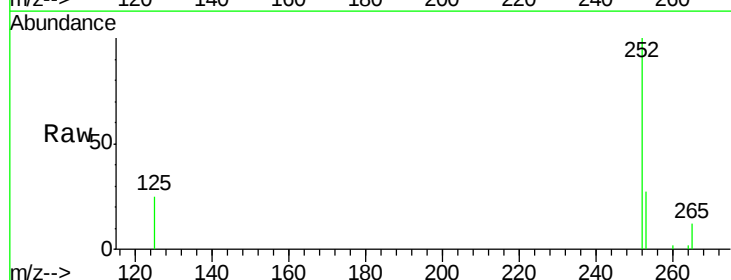
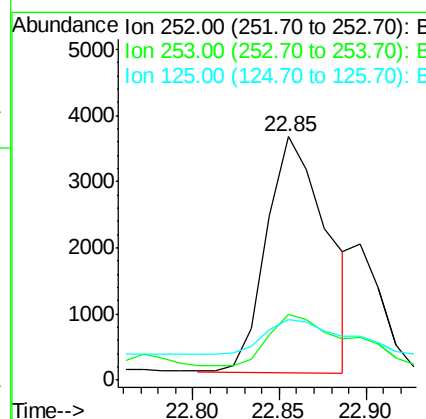
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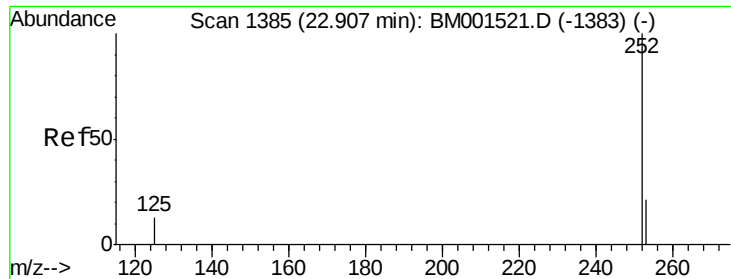
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#33
Benzo(b)fluoranthene
Concen: 0.65 ng m
RT: 22.85 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BM001537.D
Acq: 03 Jun 2015 06:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.4	26.0#
125	24.7	10.2	15.4#





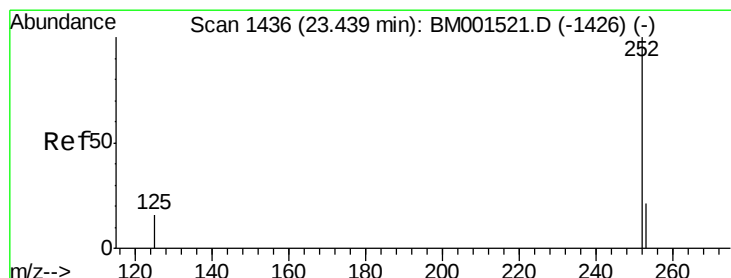
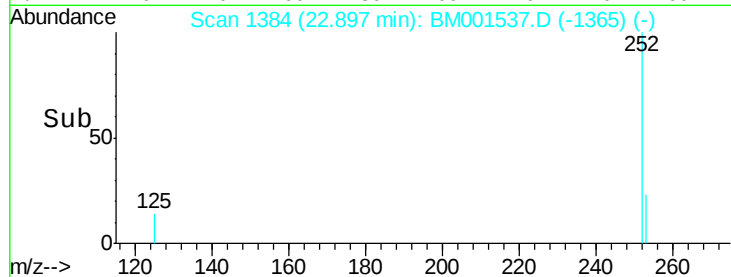
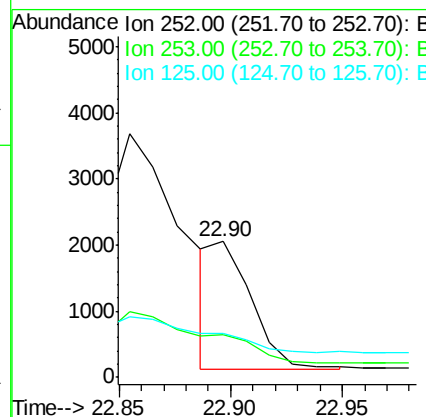
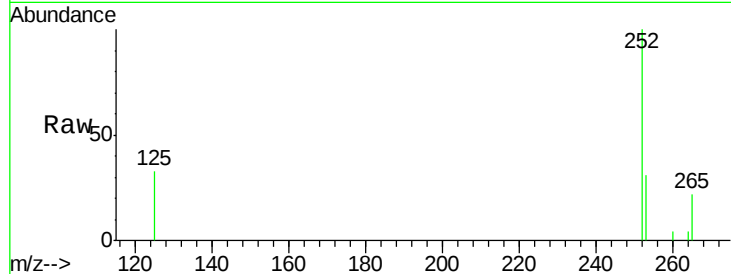
#34
Benzo(k)fluoranthene
Concen: 0.20 ng m
RT: 22.90 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BM001537.D
Acq: 03 Jun 2015 06:45

Instrument :
BNA_M
ClientSampled :
FM1W

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.5	17.6	26.4#
125	32.8	9.7	14.5#

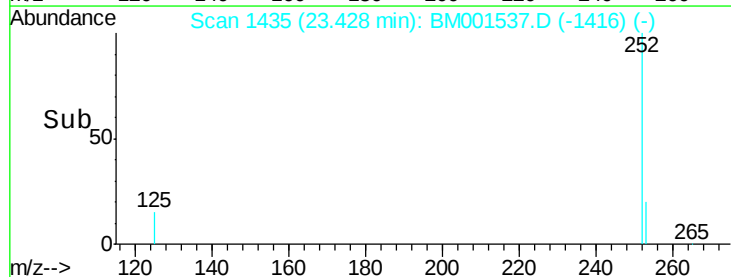
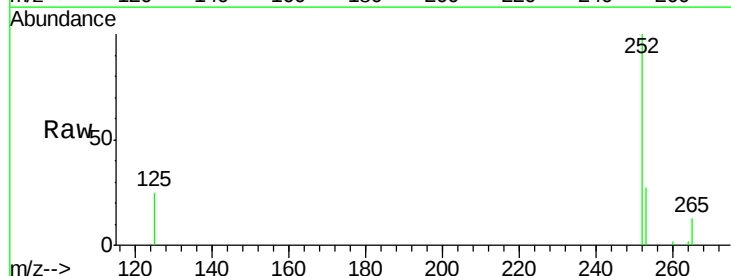
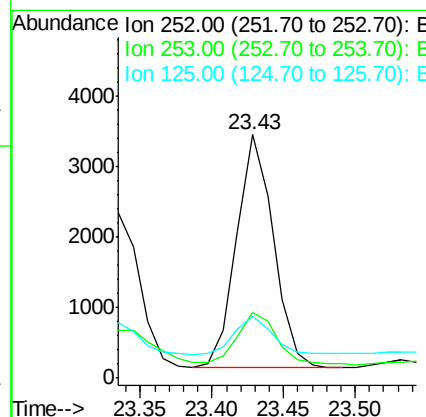
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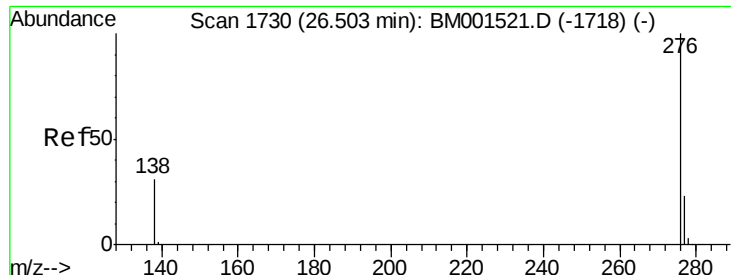
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#35
Benzo(a)pyrene
Concen: 0.53 ng
RT: 23.43 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BM001537.D
Acq: 03 Jun 2015 06:45

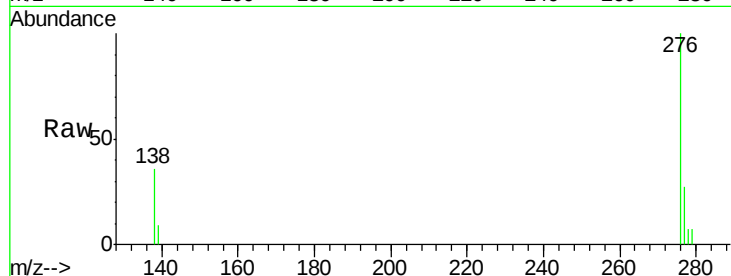
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.6	28.0
125	25.2	10.7	16.1#





#37
 Benzo(g,h,i)perylene
 Concen: 0.36 ng
 RT: 26.49 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BM001537.D
 Acq: 03 Jun 2015 06:45

Instrument :
 BNA_M
 ClientSampleId :
 FM1W



Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.8	29.6
138	35.6	20.2	30.2

Manual Integrations
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