

Data Path : S:\HPCHEM1\BNA_M\DATA\BM041015\
 Data File : BM000948.D
 Acq On : 10 Apr 2015 20:25
 Operator : TP/IZ
 Sample : G1757-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LS-SW02

Manual Integrations
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Quant Time: Apr 13 15:59:24 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 16:15:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	27822	5.00	ng	0.00
8) Naphthalene-d8	10.38	136	103133	5.00	ng	0.00
17) Acenaphthene-d10	14.25	164	43686	5.00	ng	0.00
24) Phenanthrene-d10	16.99	188	100943	5.00	ng	0.00
30) Chrysene-d12	21.20	240	88577	5.00	ng	0.00
38) Perylene-d12	23.39	264	83403	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	24941	4.24	ng	-0.02
5) Phenol-d6	6.78	99	19720	2.80	ng	0.00
9) Nitrobenzene-d5	8.76	82	39773	7.99	ng	0.00
18) 2,4,6-Tribromophenol	15.75	330	25926	14.21	ng	0.00
19) 2-Fluorobiphenyl	12.88	172	125808	10.28	ng	0.00
33) Terphenyl-d14	19.66	244	116009	10.76	ng	0.02
Target Compounds						
6) Phenol	6.82	94	645	0.09	ng	# 56
13) Naphthalene	10.44	128	2551	0.12	ng	# 90
15) 2-Methylnaphthalene	12.06	142	973	0.07	ng	# 89
16) 1-Methylnaphthalene	12.29	142	737	0.05	ng	# 92
21) Acenaphthene	14.32	154	1037	0.09	ng	# 93
23) Fluorene	15.32	166	538	0.04	ng	# 78
27) Phenanthrene	17.04	178	2161	0.08	ng	# 89
28) Anthracene	17.14	178	484	0.02	ng	# 52
29) Fluoranthene	19.07	202	781	0.03	ng	# 77
32) Pyrene	19.43	202	822	0.03	ng	# 82
37) Indeno(1,2,3-cd)pyrene	25.57	276	603	0.02	ng	# 96

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

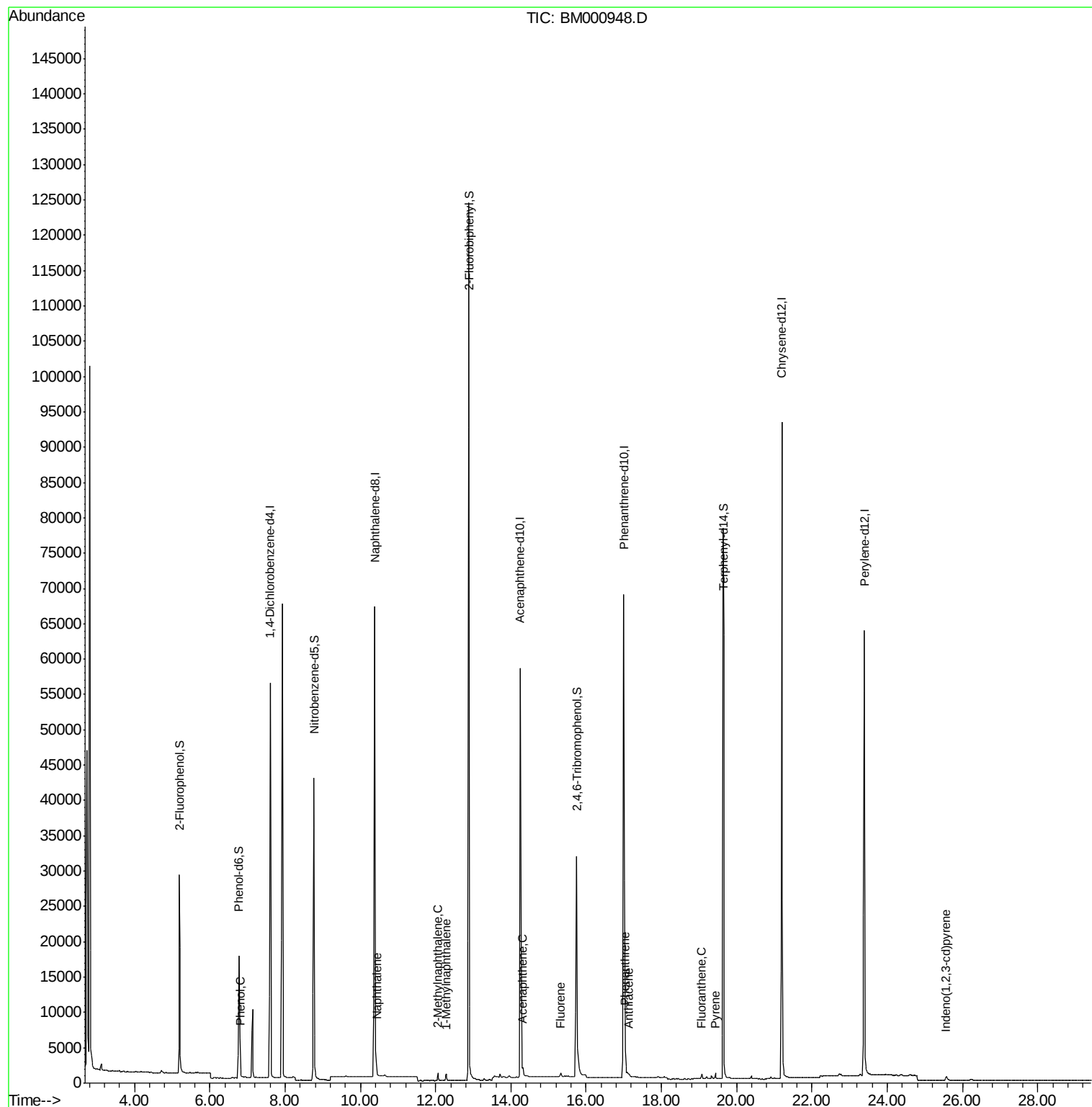
Data Path : S:\HPCHEM1\BNA_M\DATA\BM041015\
Data File : BM000948.D
Acq On : 10 Apr 2015 20:25
Operator : TP/IZ
Sample : G1757-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

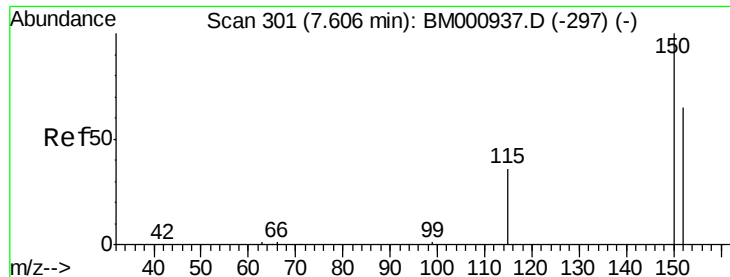
Instrument :
BNA_M
ClientSampleId :
LS-SW02

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Quant Time: Apr 13 15:59:24 2015
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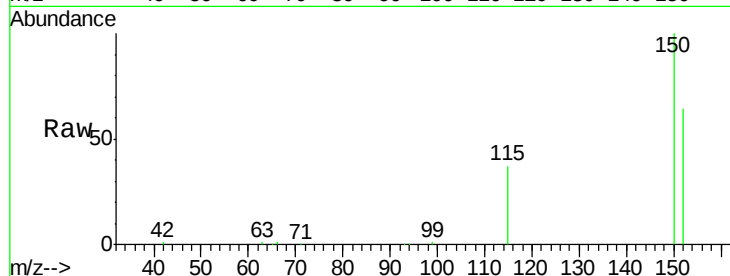




#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 301
Delta R.T. 0.00 min
Lab File: BM000948.D
Acq: 10 Apr 2015 20:25

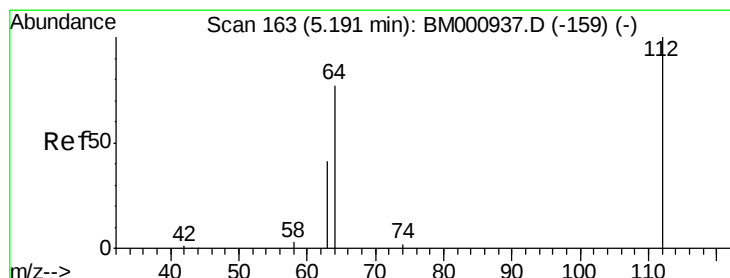
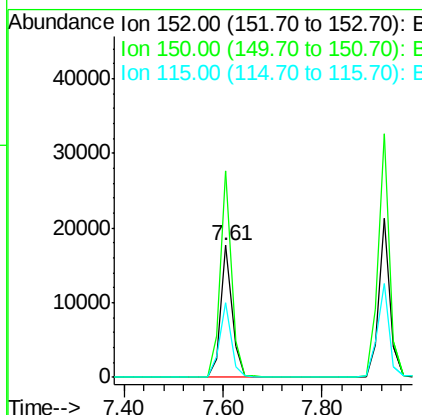
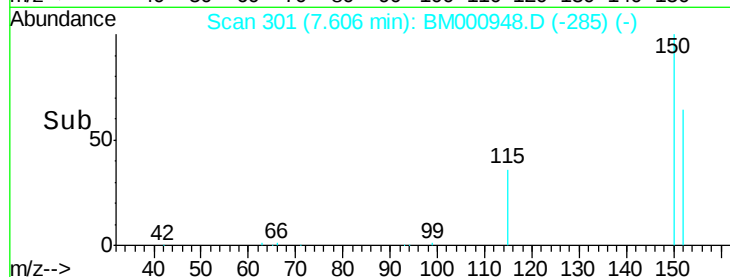
Instrument :
BNA_M
ClientSampleId :
LS-SW02



Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.4	188.2
115	56.9	45.9	68.9

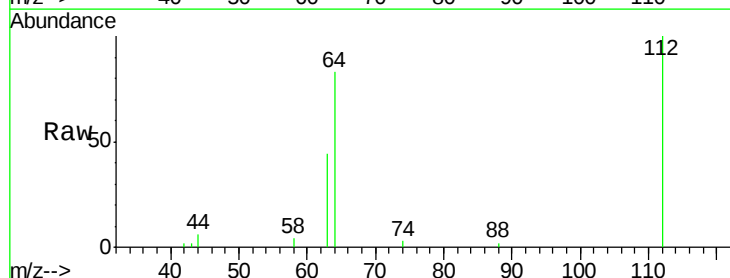
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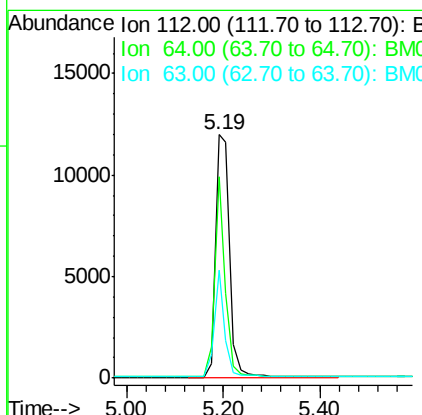
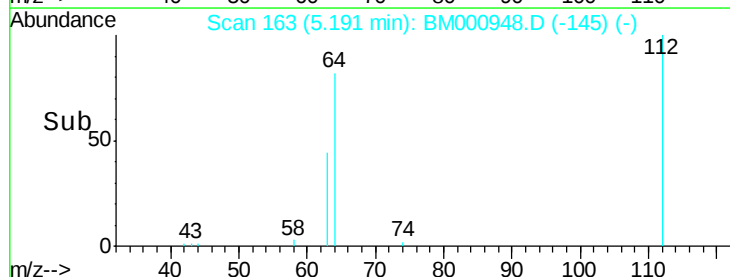


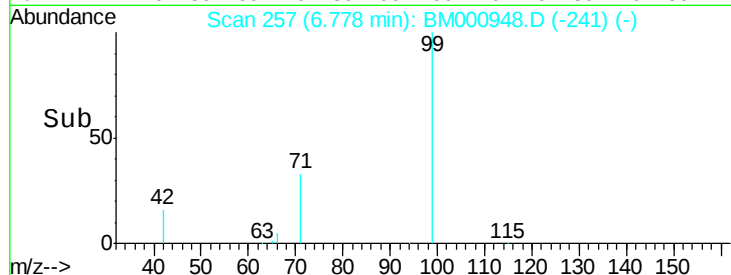
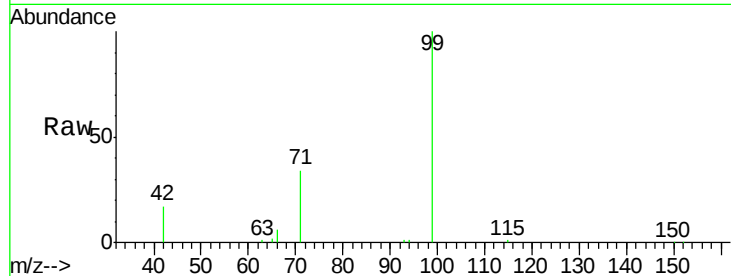
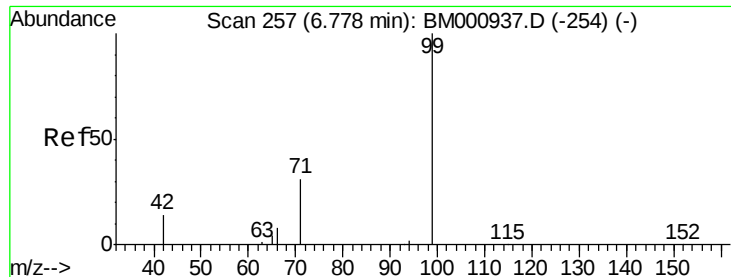
#4

2-Fluorophenol
Concen: 4.24 ng
RT: 5.19 min Scan# 163
Delta R.T. -0.02 min
Lab File: BM000948.D
Acq: 10 Apr 2015 20:25



Tgt Ion	Ratio	Lower	Upper
112	100		
64	82.6	31.8	47.8#
63	44.5	14.5	21.7#





#5

Phenol-d6

Concen: 2.80 ng

RT: 6.78 min Scan# 257

Delta R.T. 0.00 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

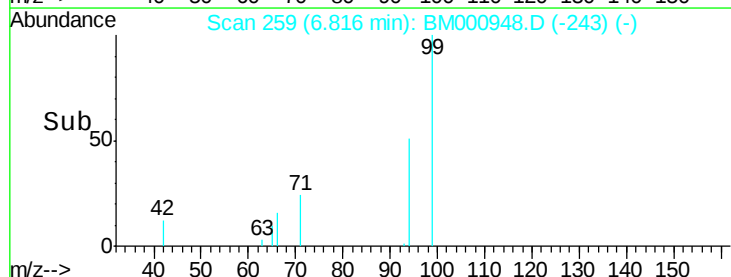
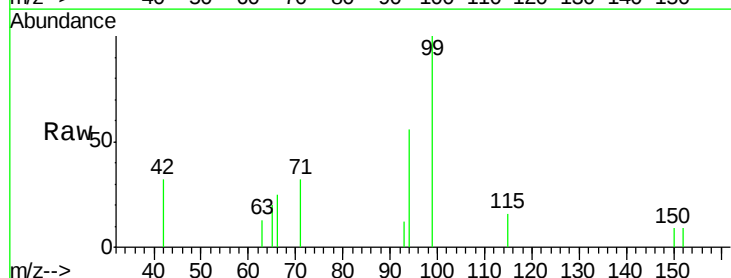
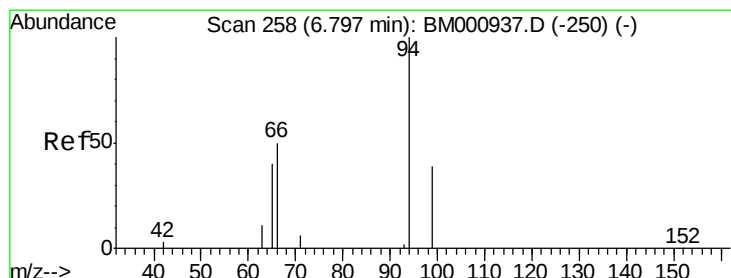
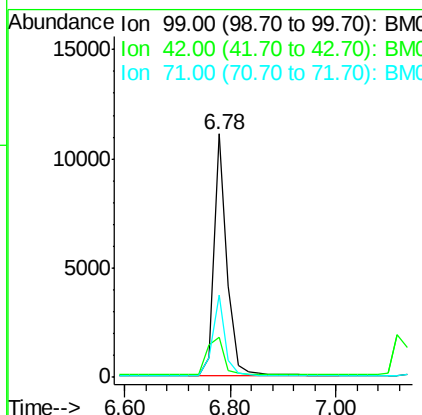
ClientSampleId :

LS-SW02

Tgt Ion:	99	Resp:	19720
Ion Ratio	Lower	Upper	
99	100		
42	16.6	14.1	21.1
71	33.8	28.0	42.0

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#6

Phenol

Concen: 0.09 ng

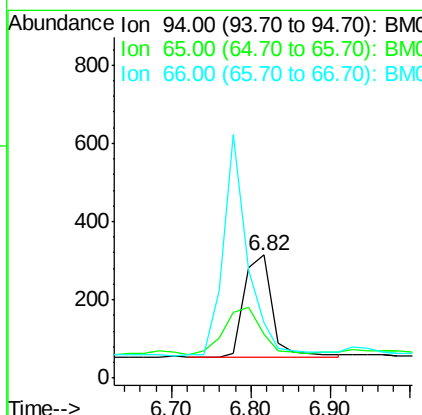
RT: 6.82 min Scan# 259

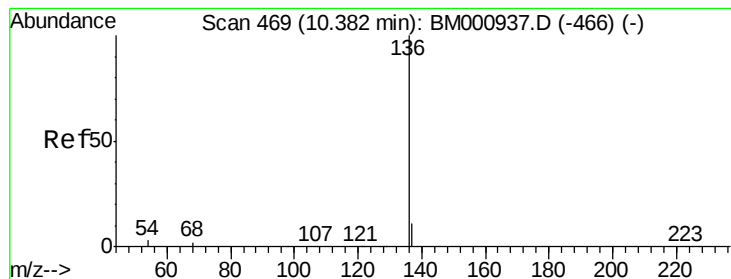
Delta R.T. 0.00 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Tgt Ion:	94	Resp:	645
Ion Ratio	Lower	Upper	
94	100		
65	35.4	0.0	36.0
66	44.6	3.7	43.7#





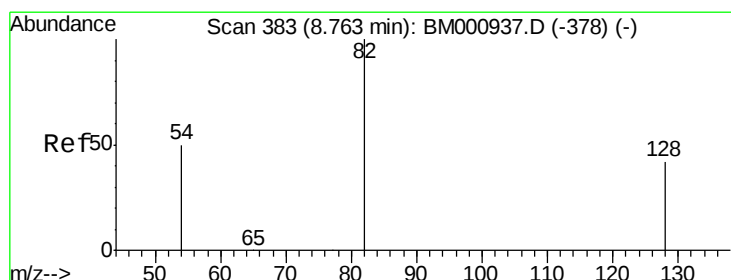
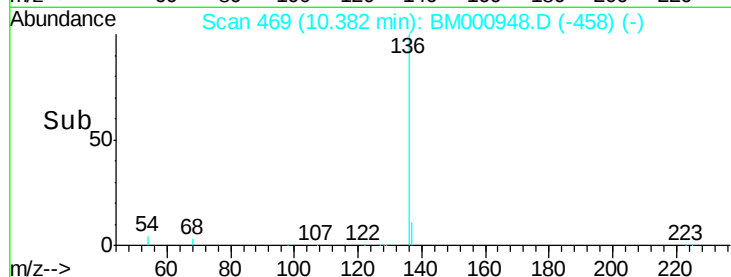
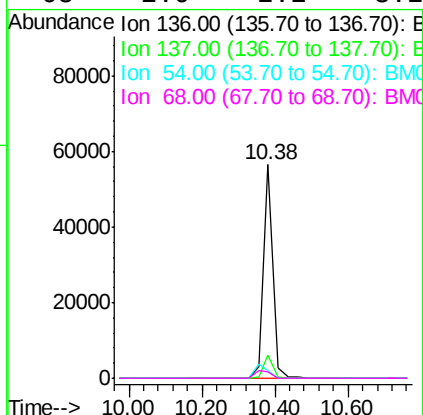
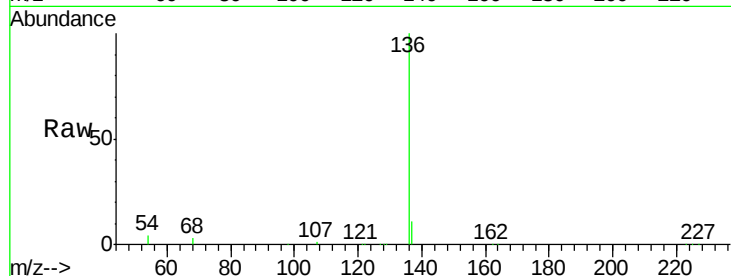
#8
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM000948.D
Acq: 10 Apr 2015 20:25

Instrument :
BNA_M
ClientSampleId :
LS-SW02

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	103133		
137	11.0	8.6	13.0	
54	3.8	2.9	4.3	
68	2.9	2.2	3.2	

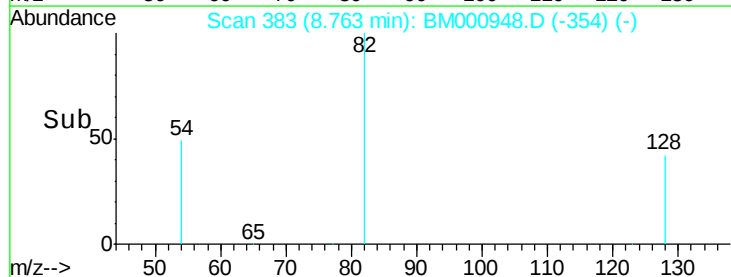
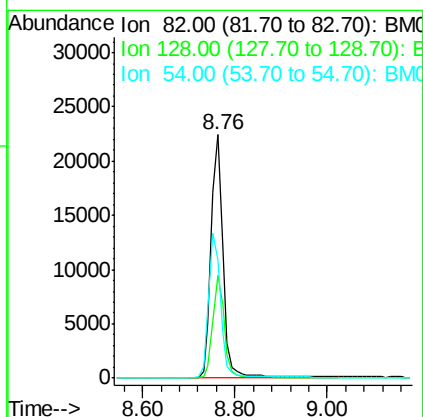
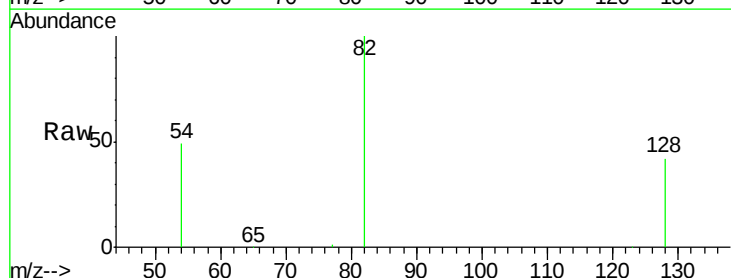
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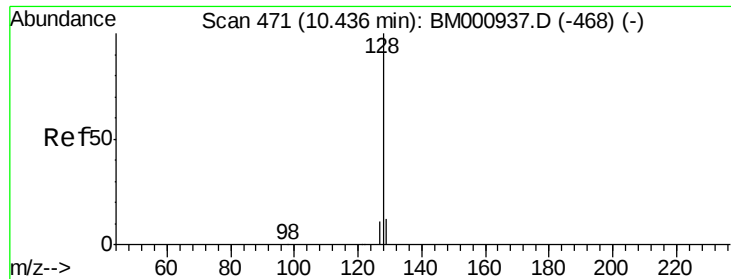
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#9
Nitrobenzene-d5
Concen: 7.99 ng
RT: 8.76 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM000948.D
Acq: 10 Apr 2015 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	39773		
128	42.0	33.4	50.0	
54	48.8	40.5	60.7	





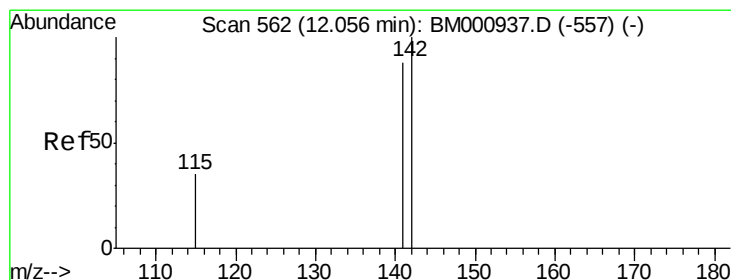
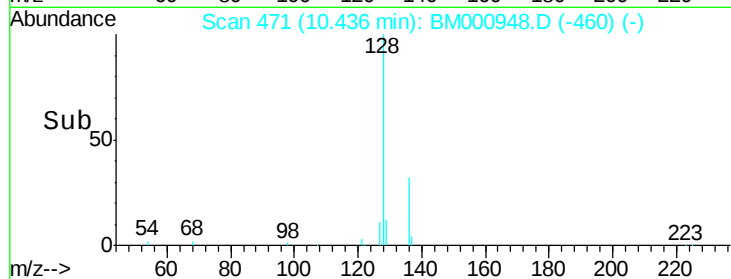
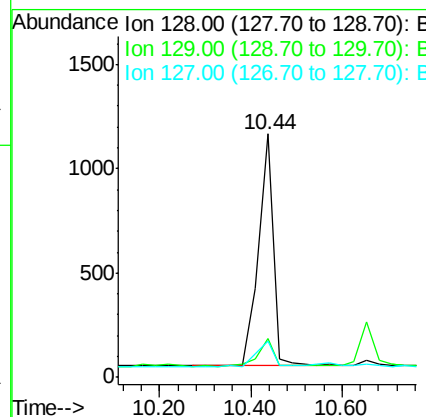
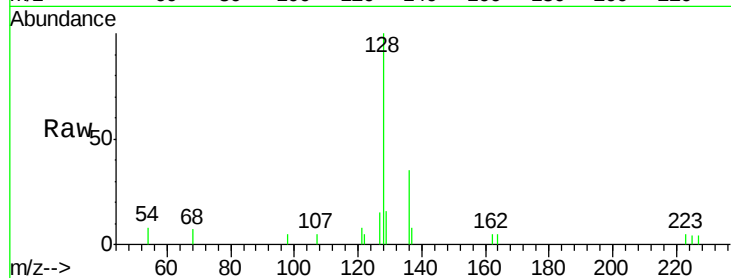
#13
Naphthalene
Concen: 0.12 ng
RT: 10.44 min Scan# 471
Delta R.T. 0.00 min
Lab File: BM000948.D
Acq: 10 Apr 2015 20:25

Instrument :
BNA_M
ClientSampleId :
LS-SW02

Tgt Ion	Ratio	Lower	Upper
128	100		
129	16.0	9.8	14.6#
127	15.1	9.1	13.7#

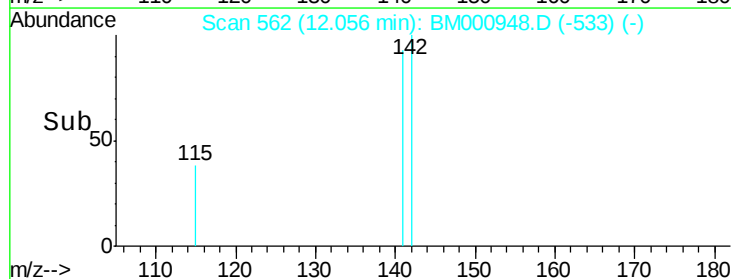
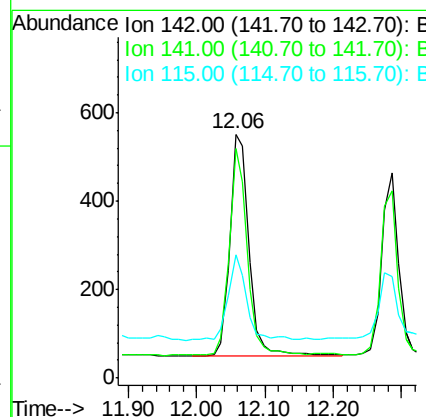
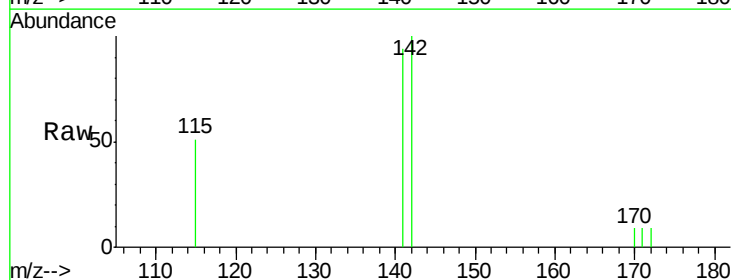
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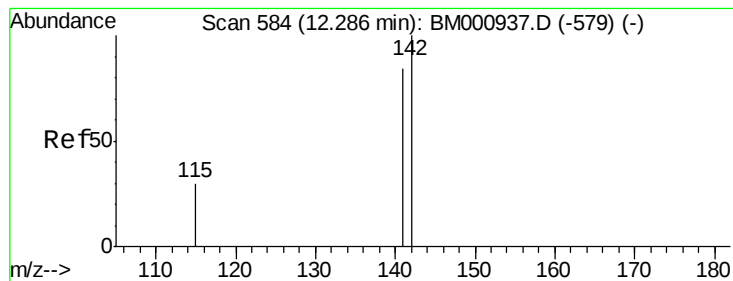
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#15
2-Methylnaphthalene
Concen: 0.07 ng
RT: 12.06 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000948.D
Acq: 10 Apr 2015 20:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	71.2	106.8
115	50.6	28.3	42.5#





#16

1-Methylnaphthalene

Concen: 0.05 ng

RT: 12.29 min Scan# 584

Delta R.T. 0.00 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

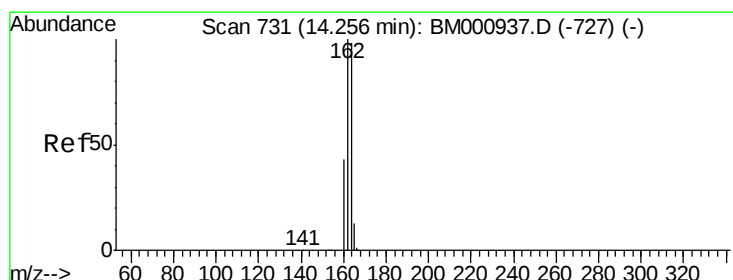
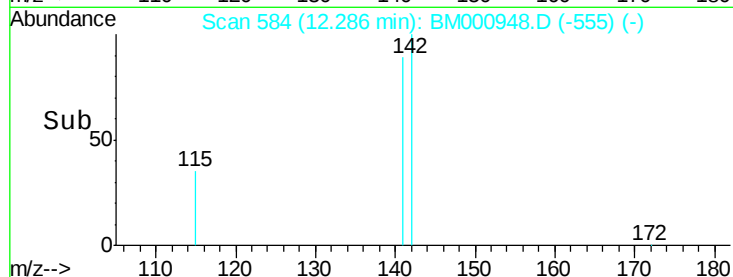
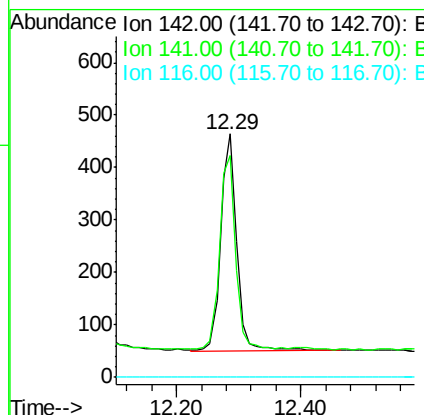
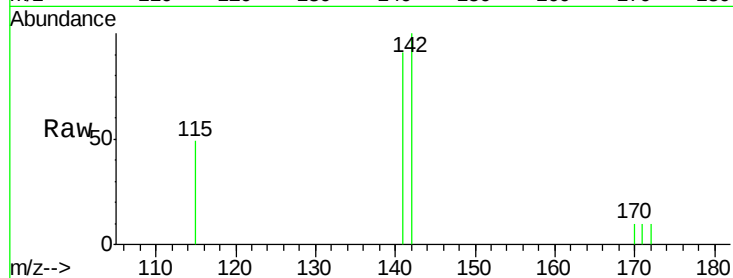
ClientSampleId :

LS-SW02

Tgt Ion:	142	Resp:	737
Ion Ratio	Lower	Upper	
142	100		
141	90.9	66.7	100.1
116	0.0	0.0	0.0

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#17

Acenaphthene-d10

Concen: 5.00 ng

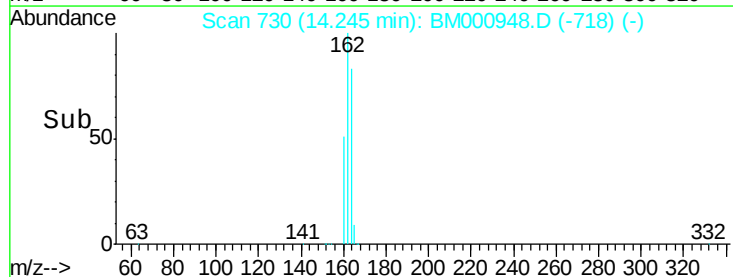
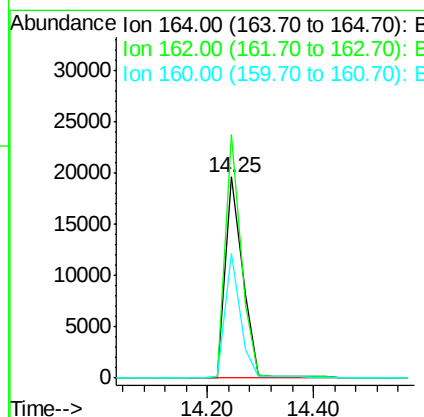
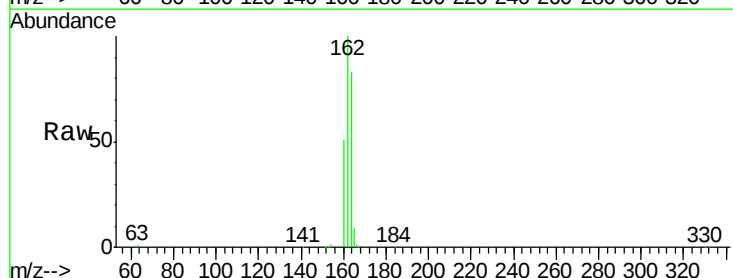
RT: 14.25 min Scan# 730

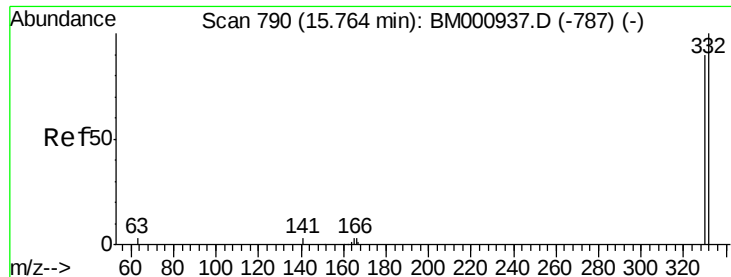
Delta R.T. 0.00 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Tgt Ion:	164	Resp:	43686
Ion Ratio	Lower	Upper	
164	100		
162	121.1	96.1	144.1
160	61.8	48.2	72.2





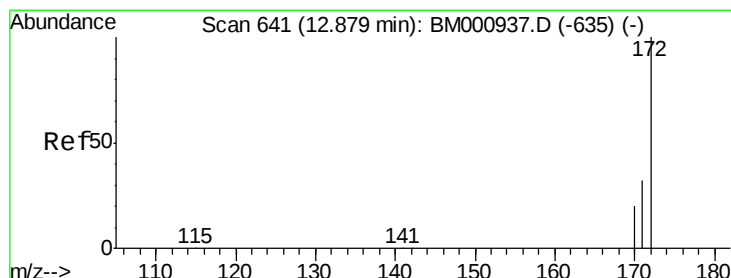
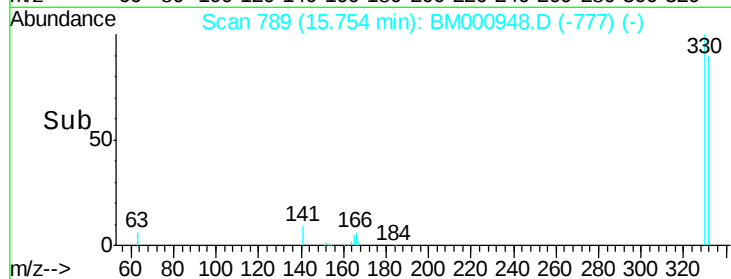
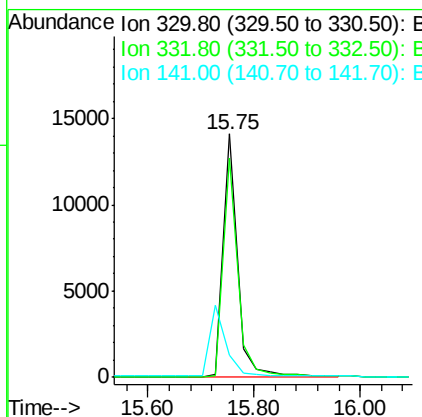
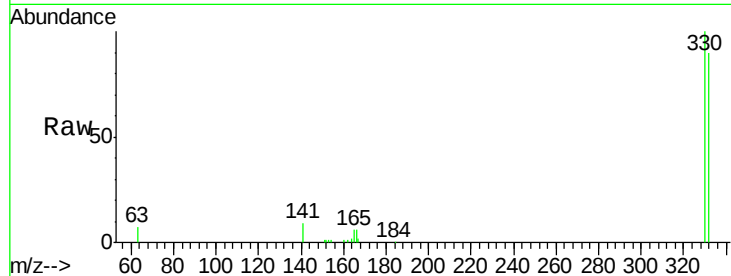
#18
 2,4,6-Tribromophenol
 Concen: 14.21 ng
 RT: 15.75 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BM000948.D
 Acq: 10 Apr 2015 20:25

Instrument :
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 LS-SW02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	25926		
332	92.8	75.4	113.2	
141	0.0	0.0	0.0	

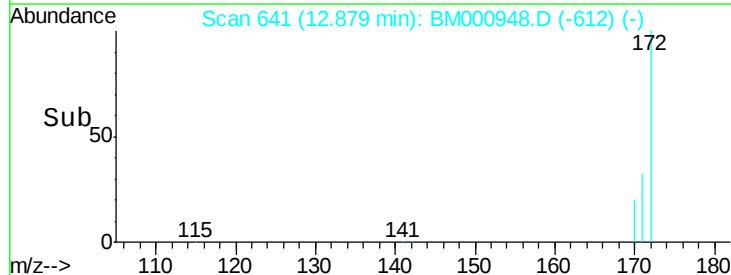
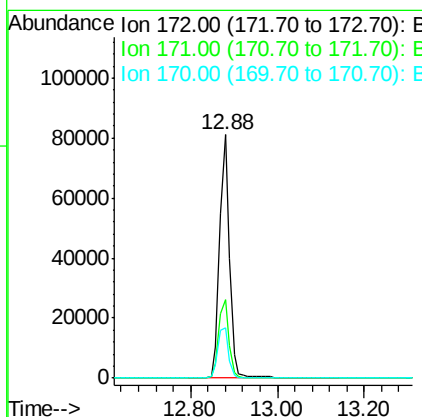
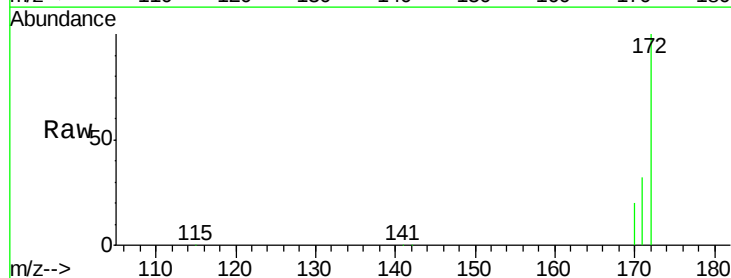
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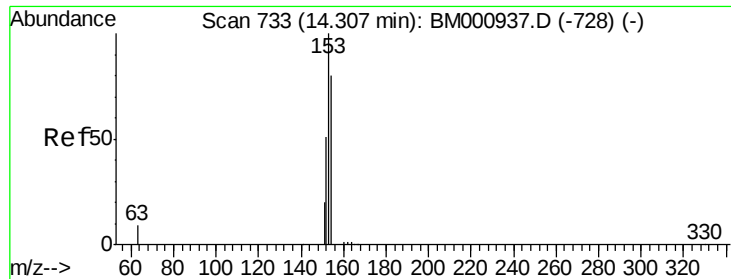
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#19
 2-Fluorobiphenyl
 Concen: 10.28 ng
 RT: 12.88 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BM000948.D
 Acq: 10 Apr 2015 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	125808		
171	32.4	26.7	40.1	
170	20.4	17.0	25.4	





#21

Acenaphthene

Concen: 0.09 ng

RT: 14.32 min Scan# 733

Delta R.T. 0.00 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

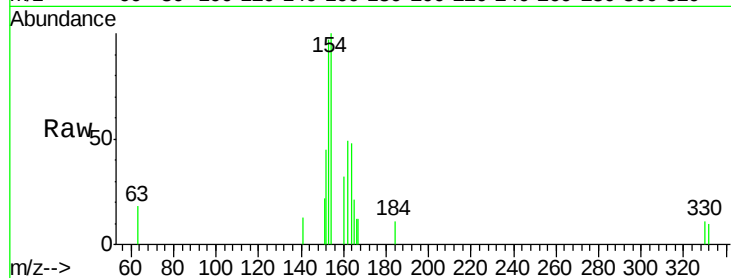
ClientSampleId :

LS-SW02

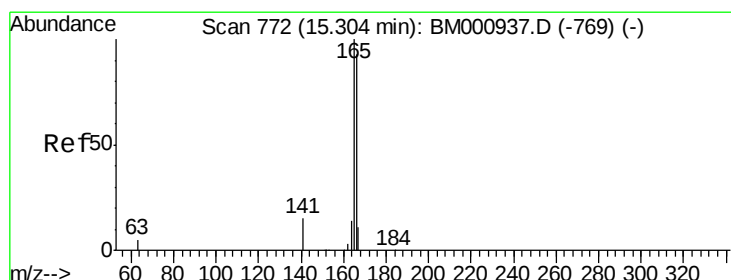
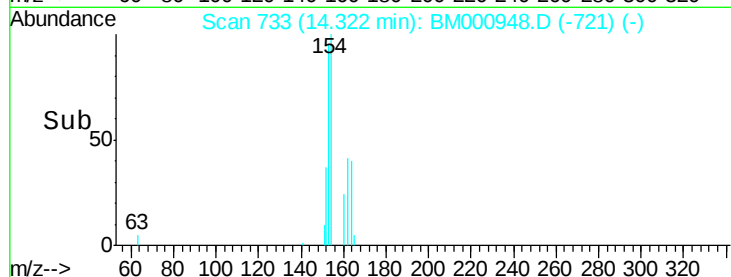
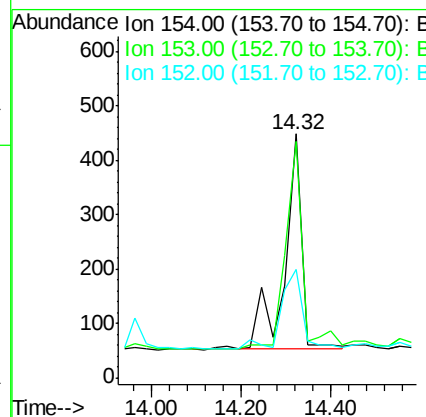
Manual Integrations
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Tgt Ion:	154	Resp:	1037
Ion Ratio	Lower	Upper	
154	100		
153	96.7	73.7	110.5
152	44.6	29.0	43.6#



#23

Fluorene

Concen: 0.04 ng

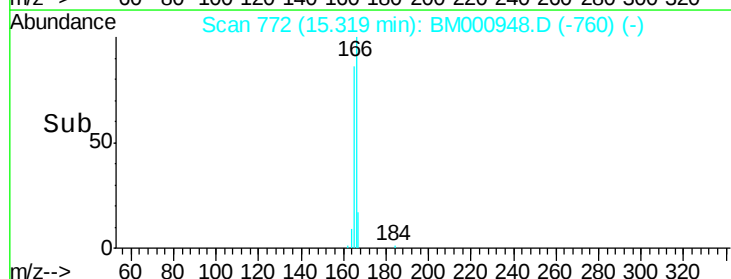
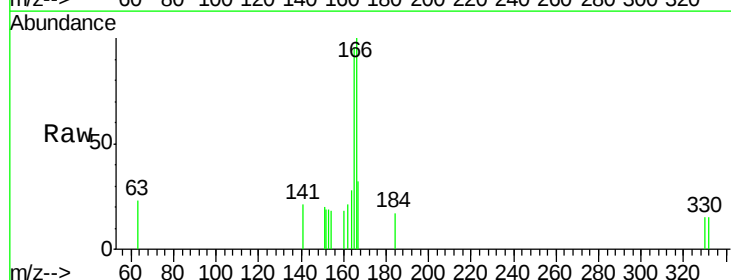
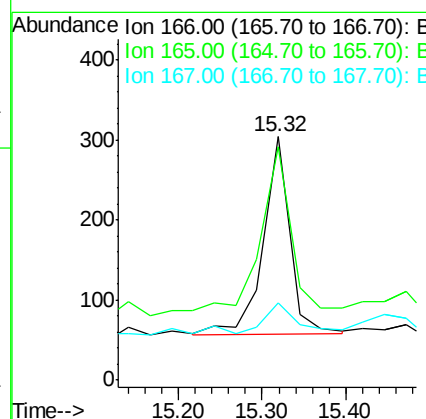
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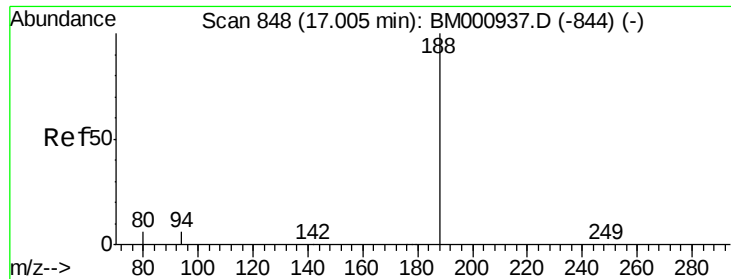
Delta R.T. 0.00 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Tgt Ion:	166	Resp:	538
Ion Ratio	Lower	Upper	
166	100		
165	96.1	63.7	95.5#
167	31.9	12.7	19.1#





#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.99 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

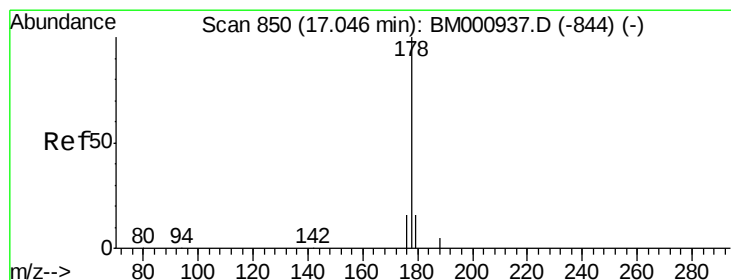
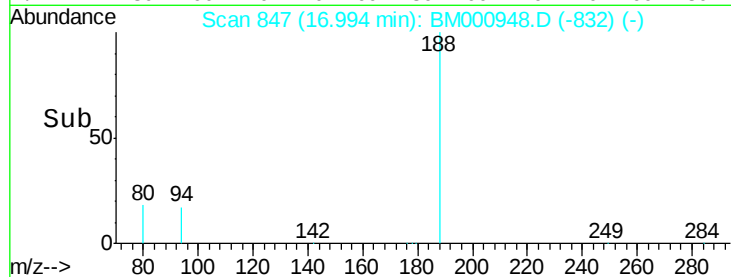
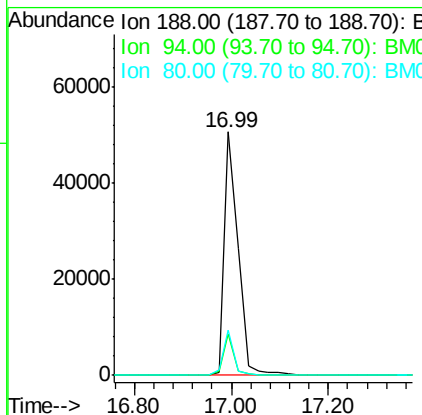
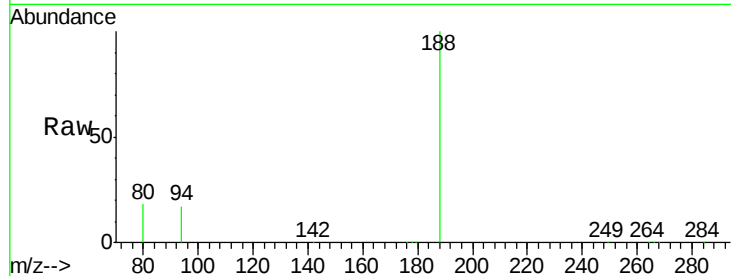
ClientSampleId :

LS-SW02

Tgt Ion:	188	Resp:	100943
Ion Ratio	Lower	Upper	
188	100		
94	16.8	12.2	18.4
80	18.4	13.4	20.0

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#27

Phenanthrene

Concen: 0.08 ng

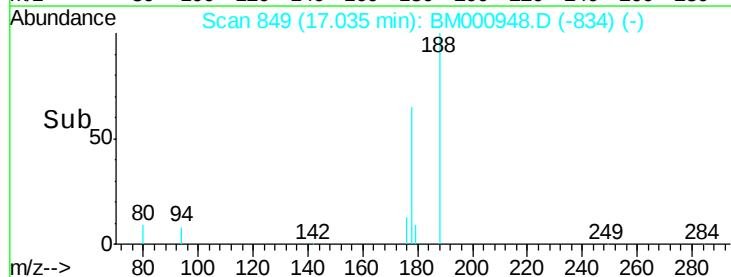
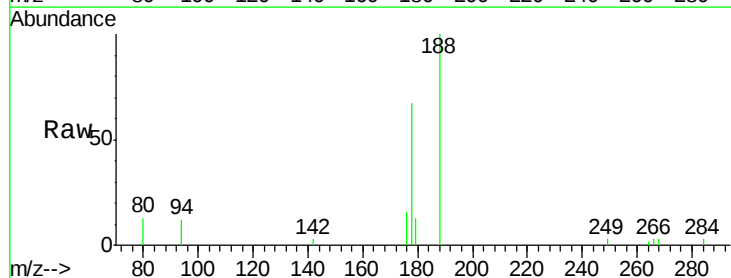
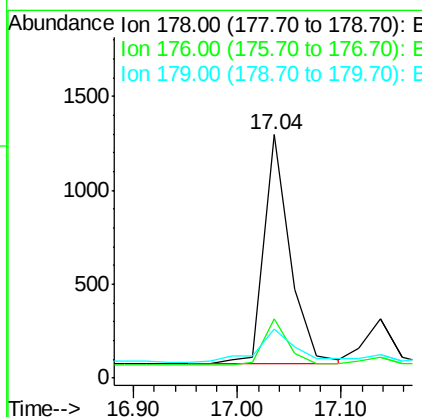
RT: 17.04 min Scan# 849

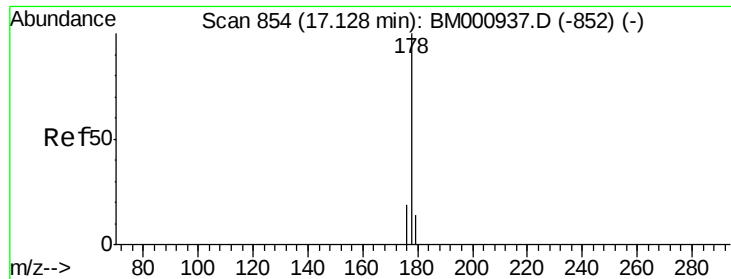
Delta R.T. 0.00 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Tgt Ion:	178	Resp:	2161
Ion Ratio	Lower	Upper	
178	100		
176	24.3	16.0	24.0#
179	19.9	11.4	17.2#





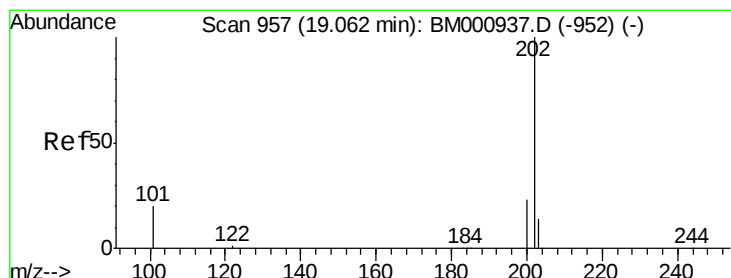
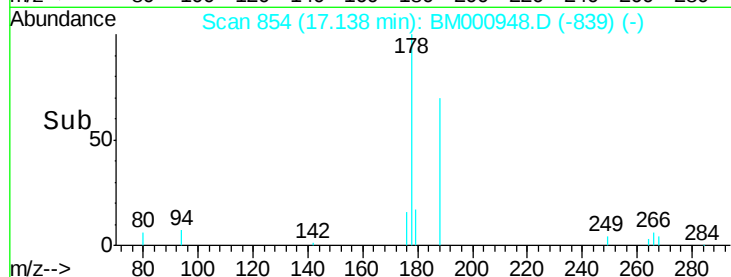
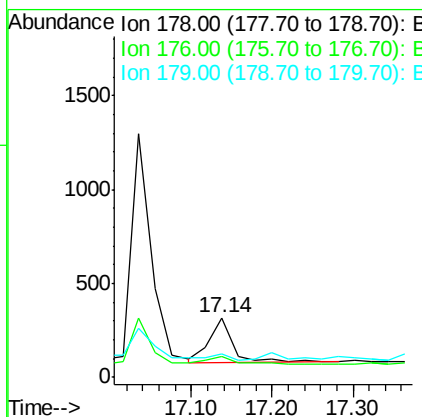
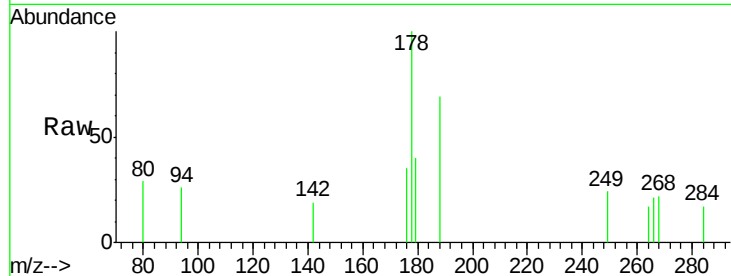
#28
 Anthracene
 Concen: 0.02 ng
 RT: 17.14 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BM000948.D
 Acq: 10 Apr 2015 20:25

Instrument :
 BNA_M
 ClientSampleId :
 LS-SW02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	35.1	12.7	19.1#
179	39.8	13.9	20.9#

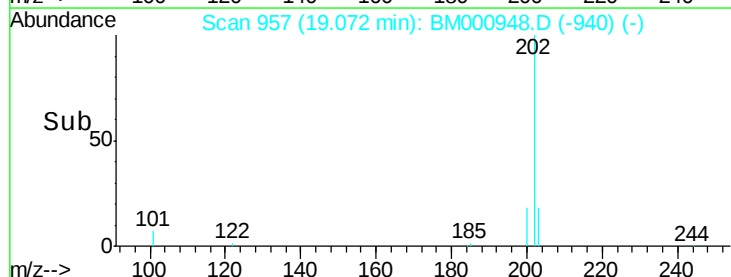
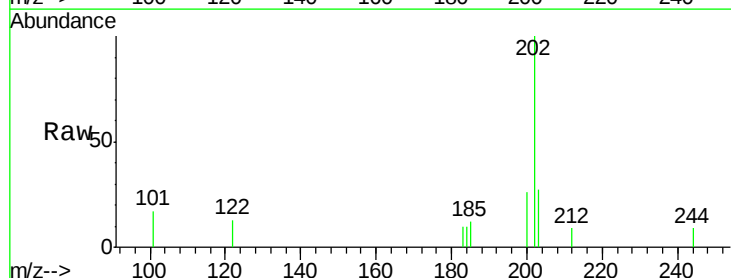
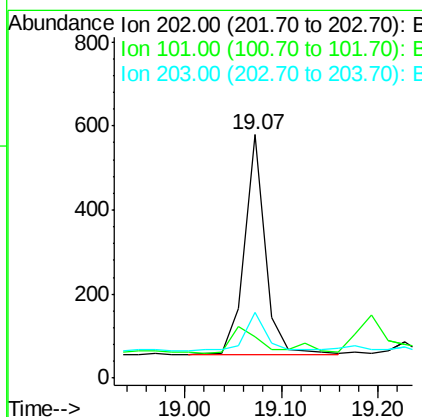
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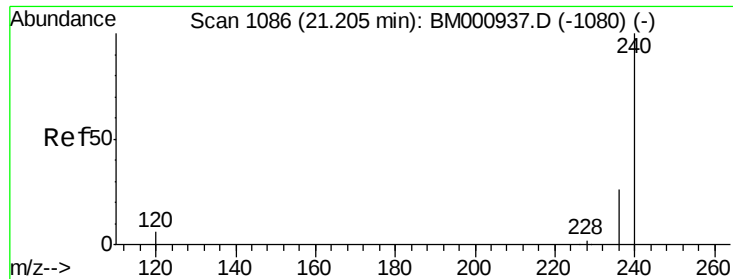
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#29
 Fluoranthene
 Concen: 0.03 ng
 RT: 19.07 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BM000948.D
 Acq: 10 Apr 2015 20:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.9	0.0	24.1
203	26.9	0.0	38.4





#30

Chrysene-d12

Concen: 5.00 ng

RT: 21.20 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BM000948.D

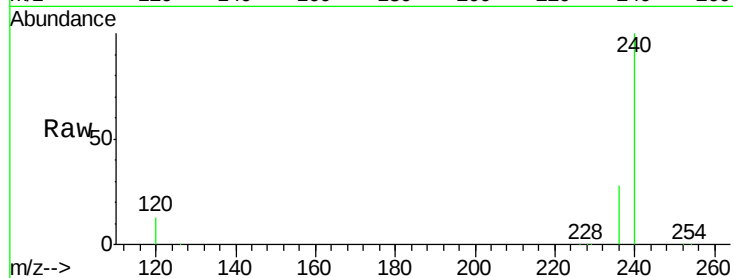
Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

ClientSampleId :

LS-SW02



Tgt Ion:240 Resp: 88577

Ion Ratio Lower Upper

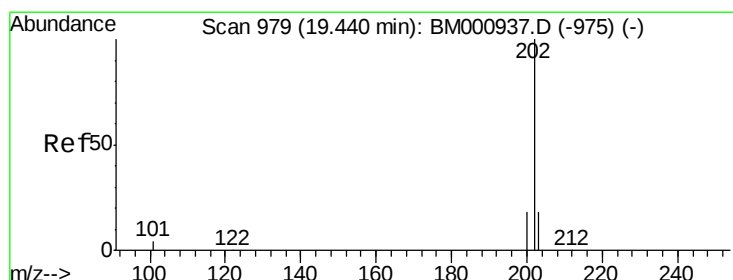
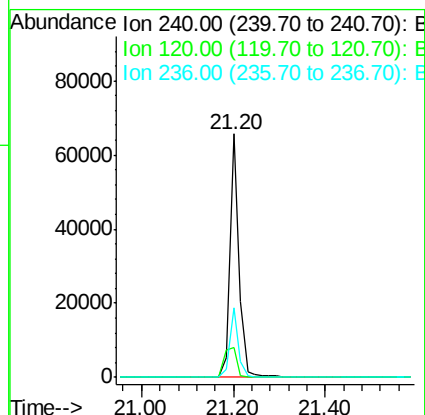
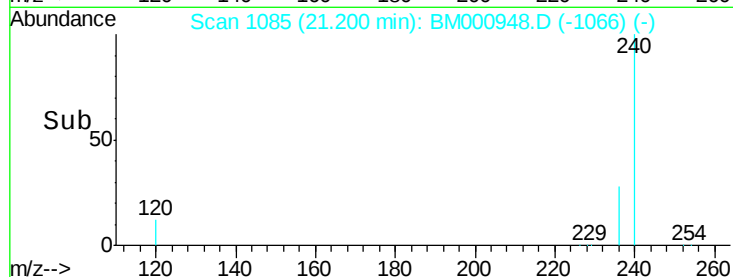
240 100

120 12.5 6.8 10.2#

236 28.4 22.1 33.1

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#32

Pyrene

Concen: 0.03 ng

RT: 19.43 min Scan# 978

Delta R.T. 0.00 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

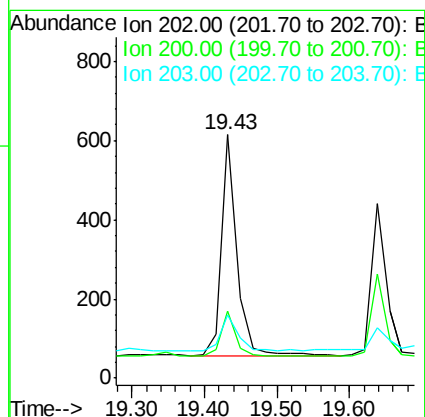
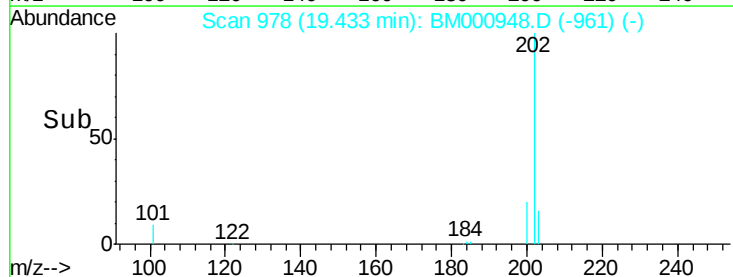
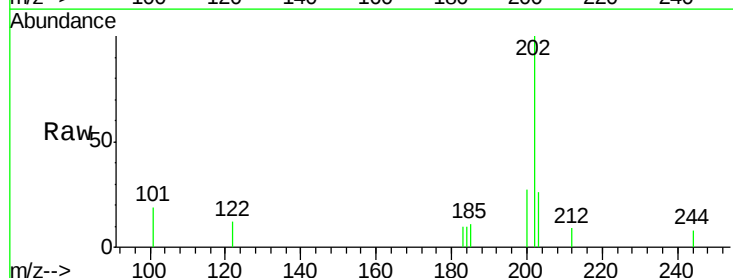
Tgt Ion:202 Resp: 822

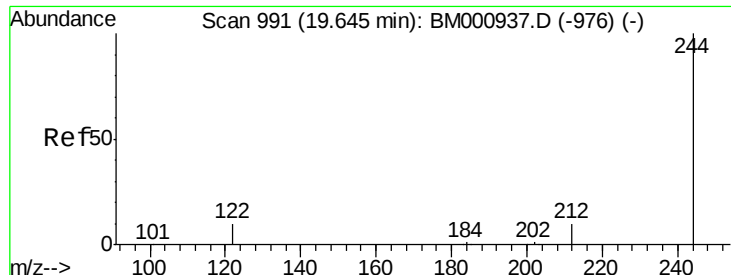
Ion Ratio Lower Upper

202 100

200 27.3 16.2 24.4#

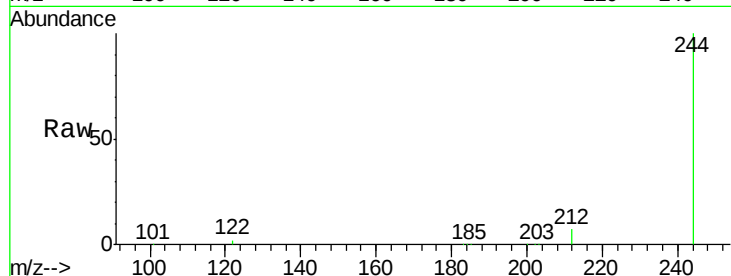
203 26.0 13.5 20.3#





#33
 Terphenyl-d14
 Concen: 10.76 ng
 RT: 19.66 min Scan# 991
 Delta R.T. 0.02 min
 Lab File: BM000948.D
 Acq: 10 Apr 2015 20:25

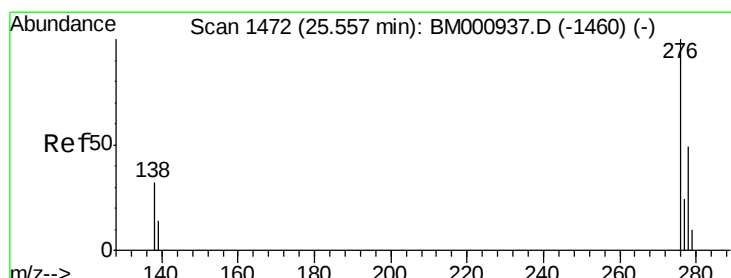
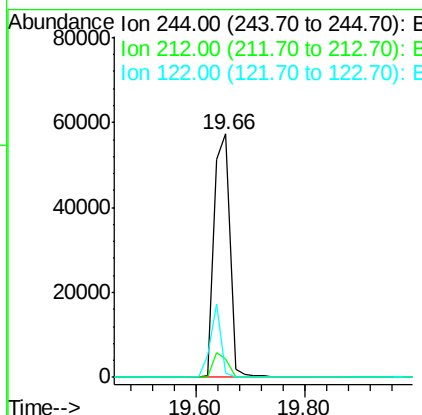
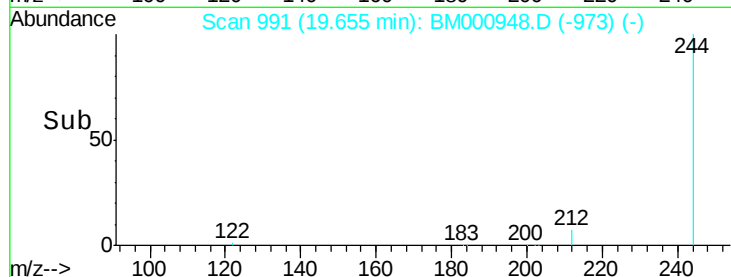
Instrument :
 BNA_M
 ClientSampleId :
 LS-SW02



Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.4	9.4	14.0#
122	1.5	20.9	31.3#

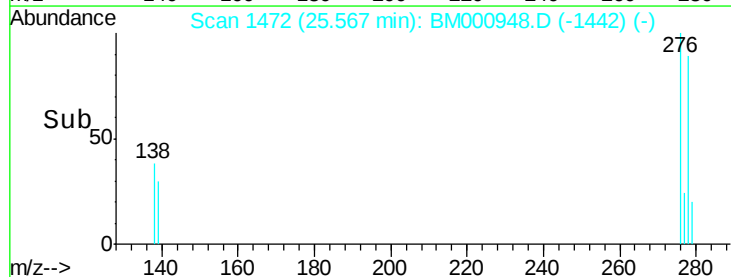
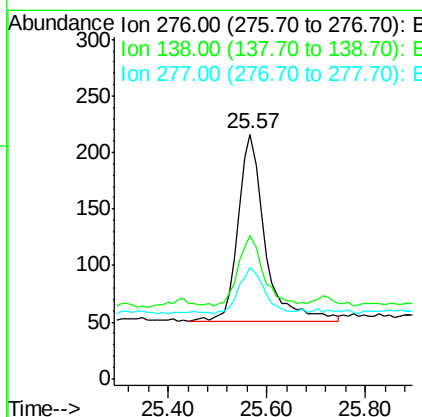
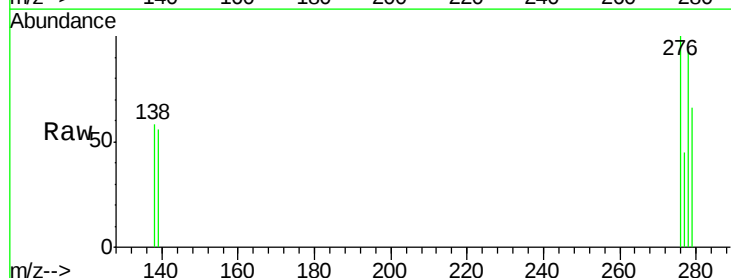
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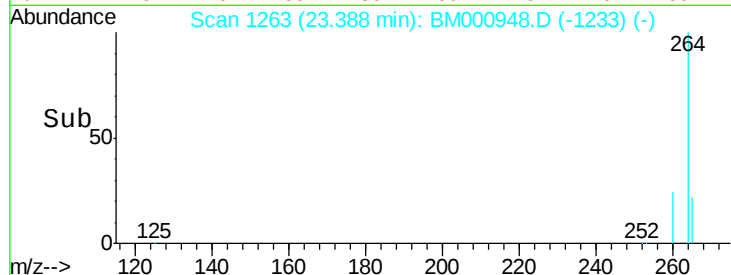
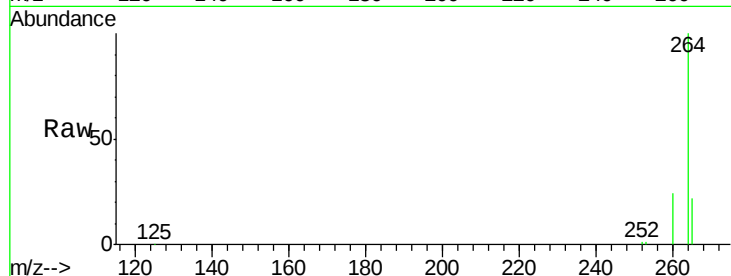
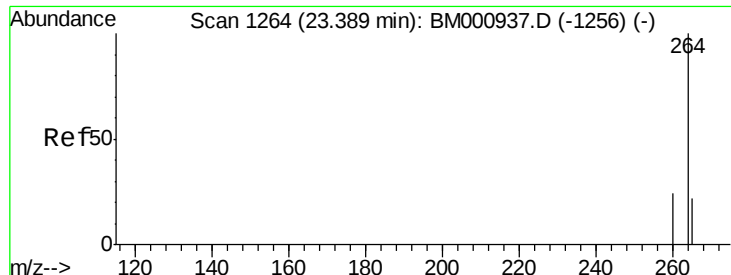
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#37
 Indeno(1,2,3-cd)pyrene
 Concen: 0.02 ng
 RT: 25.57 min Scan# 1472
 Delta R.T. 0.01 min
 Lab File: BM000948.D
 Acq: 10 Apr 2015 20:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	35.7	26.6	40.0
277	22.6	19.8	29.6





#38

Perylene-d12

Concen: 5.00 ng

RT: 23.39 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BM000948.D

Acq: 10 Apr 2015 20:25

Instrument :

BNA_M

ClientSampleId :

LS-SW02

Tgt Ion: 264 Resp: 83403

Ion Ratio Lower Upper

264 100

260 23.9 20.6 30.8

265 22.4 16.4 24.6

Manual Integrations
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