

Data Path : S:\HPCHEM1\BNA_M\DATA\BM041015\
 Data File : BM000947.D
 Acq On : 10 Apr 2015 19:49
 Operator : TP/IZ
 Sample : G1757-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LS-SW05

Manual Integrations
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Quant Time: Apr 13 15:55:45 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 23:03:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	26607	5.00	ng	0.00
8) Naphthalene-d8	10.38	136	97418	5.00	ng	0.00
17) Acenaphthene-d10	14.25	164	42606	5.00	ng	-0.01
24) Phenanthrene-d10	16.99	188	99270	5.00	ng	-0.01
30) Chrysene-d12	21.20	240	87155	5.00	ng	0.00
38) Perylene-d12	23.39	264	80364	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	23718	4.21	ng	0.00
5) Phenol-d6	6.78	99	17915	2.66	ng	0.00
9) Nitrobenzene-d5	8.76	82	37400	7.95	ng	0.00
18) 2,4,6-Tribromophenol	15.75	330	23783	13.38	ng	-0.01
19) 2-Fluorobiphenyl	12.88	172	118991	9.97	ng	0.00
33) Terphenyl-d14	19.66	244	112547	10.61	ng	0.01
Target Compounds						Qvalue
13) Naphthalene	10.44	128	1077	0.05	ng	# 77
16) 1-Methylnaphthalene	12.29	142	315	0.02	ng	94
21) Acenaphthene	14.32	154	454m	0.04	ng	
27) Phenanthrene	17.04	178	1041	0.04	ng	# 76
29) Fluoranthene	19.07	202	882	0.03	ng	81
32) Pyrene	19.43	202	855	0.03	ng	# 83
34) Benzo(a)anthracene	21.18	228	933	0.04	ng	# 82
36) Chrysene	21.23	228	548m	0.02	ng	
37) Indeno(1,2,3-cd)pyrene	25.57	276	1309	0.05	ng	98
42) Dibenzo(a,h)anthracene	25.58	278	1389	0.07	ng	# 62
43) Benzo(g,h,i)perylene	26.23	276	849	0.04	ng	# 70

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

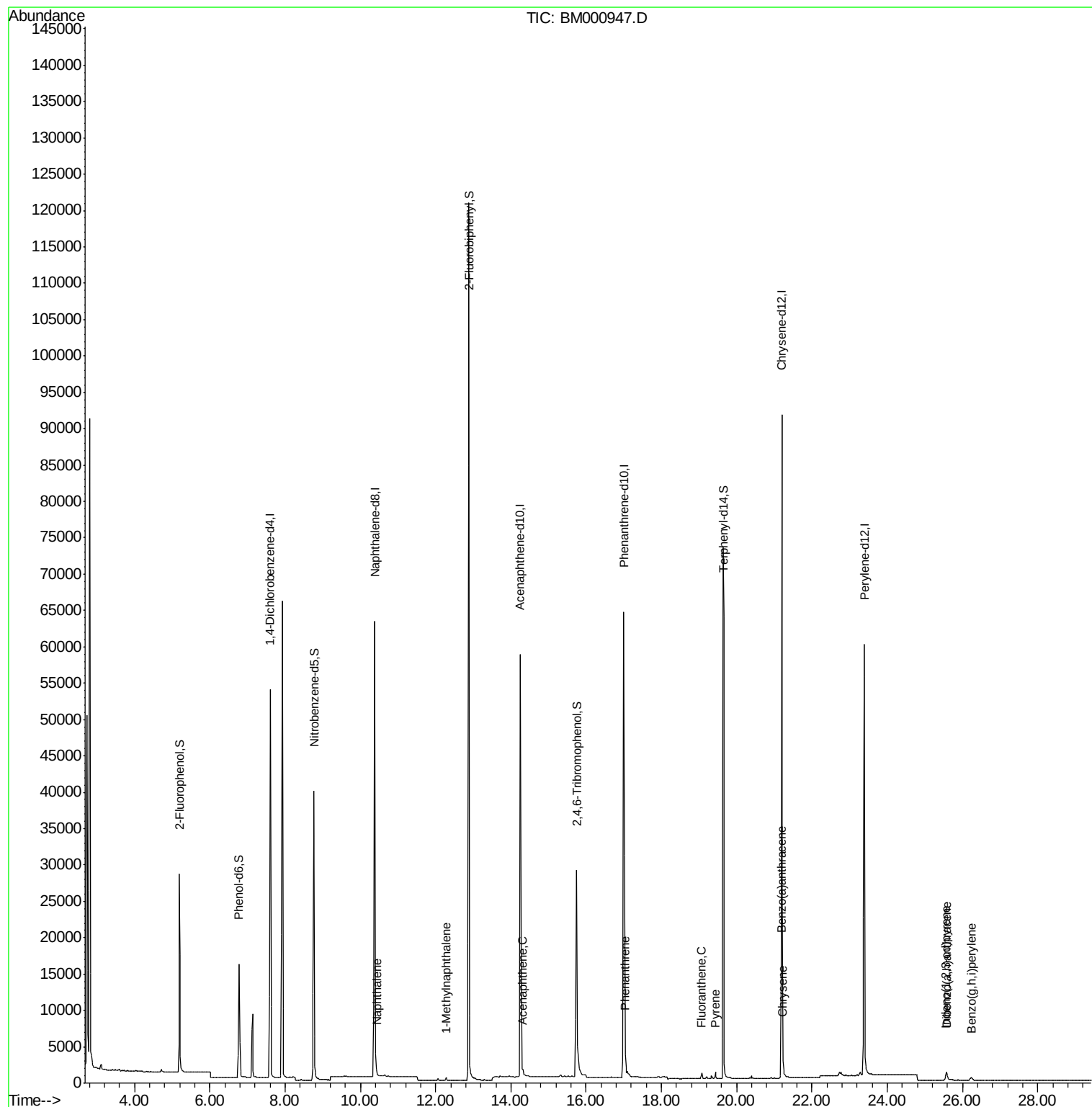
Data Path : S:\HPCHEM1\BNA_M\DATA\BM041015\
Data File : BM000947.D
Acq On : 10 Apr 2015 19:49
Operator : TP/IZ
Sample : G1757-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

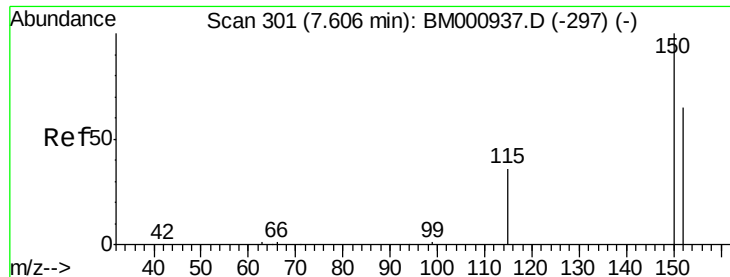
Instrument :
BNA_M
ClientSampleId :
LS-SW05

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM040915.M
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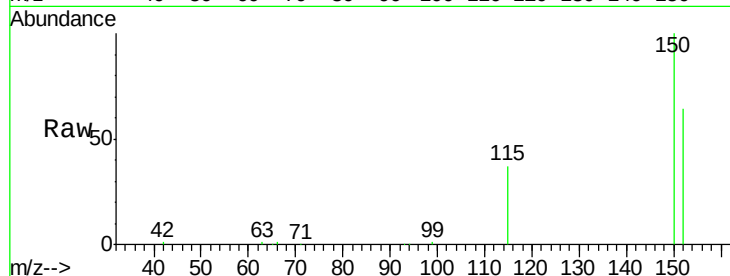




#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 301
Delta R.T. 0.00 min
Lab File: BM000947.D
Acq: 10 Apr 2015 19:49

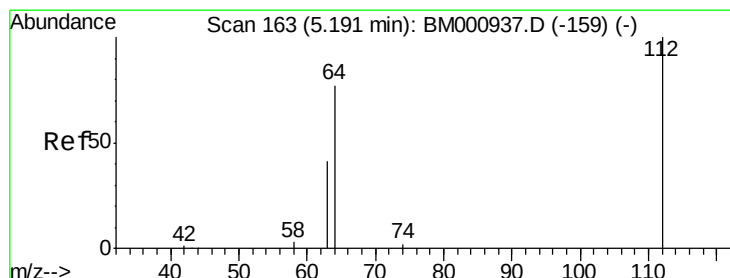
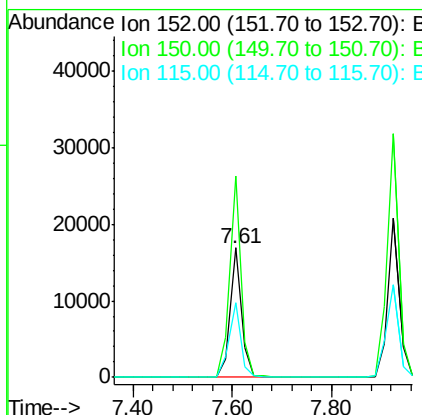
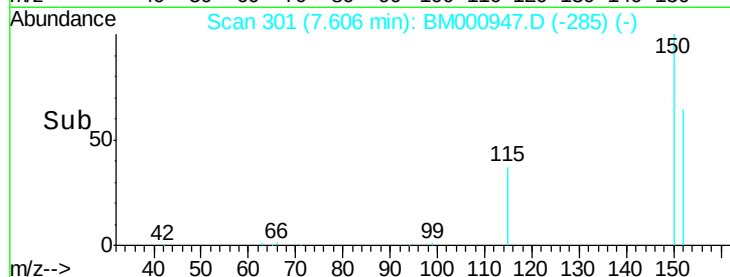
Instrument :
BNA_M
ClientSampleId :
LS-SW05



Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.4	188.2
115	57.4	45.9	68.9

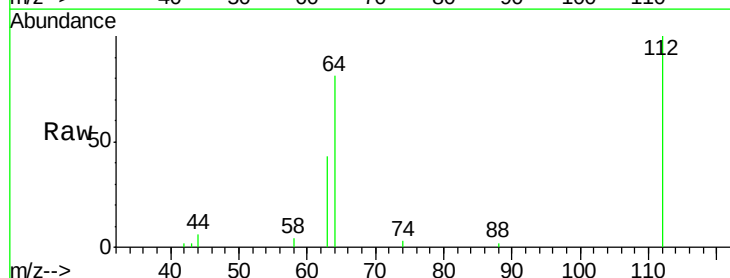
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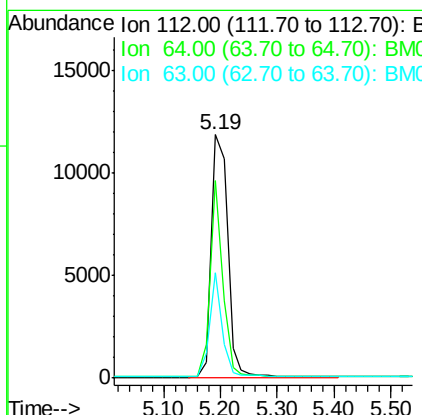
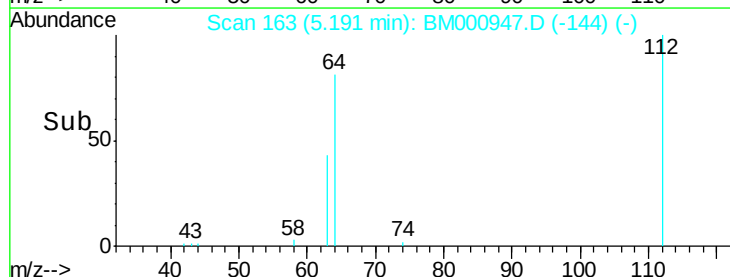


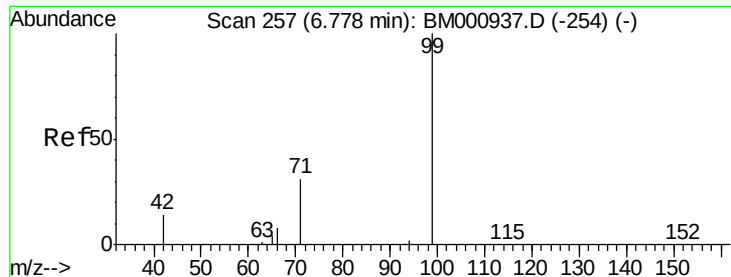
#4

2-Fluorophenol
Concen: 4.21 ng
RT: 5.19 min Scan# 163
Delta R.T. 0.00 min
Lab File: BM000947.D
Acq: 10 Apr 2015 19:49



Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.9	31.8	47.8#
63	43.1	14.5	21.7#





#5

Phenol-d6

Concen: 2.66 ng

RT: 6.78 min Scan# 257

Delta R.T. 0.00 min

Lab File: BM000947.D

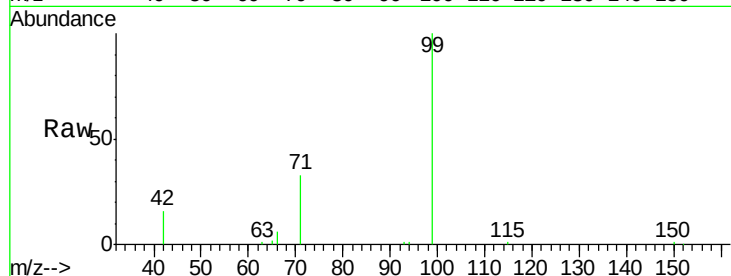
Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

ClientSampleId :

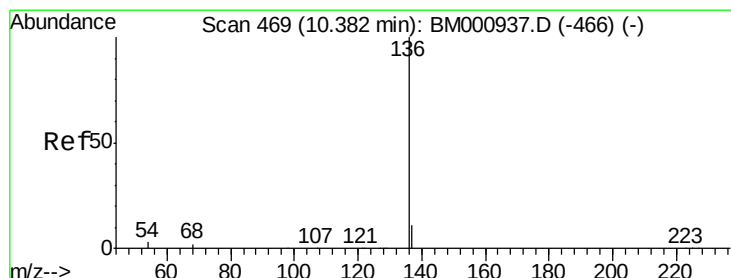
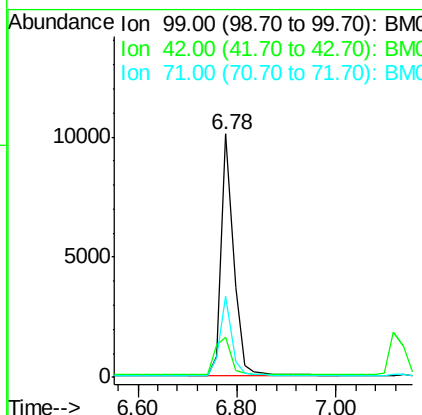
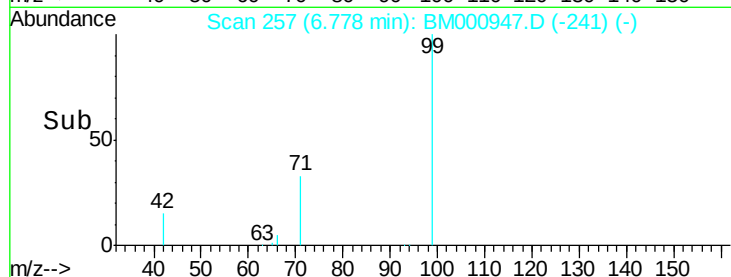
LS-SW05



Tgt Ion	Ratio	Resp	Lower	Upper
99	100	17915		
42	16.4		14.1	21.1
71	33.4		28.0	42.0

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#8

Naphthalene-d8

Concen: 5.00 ng

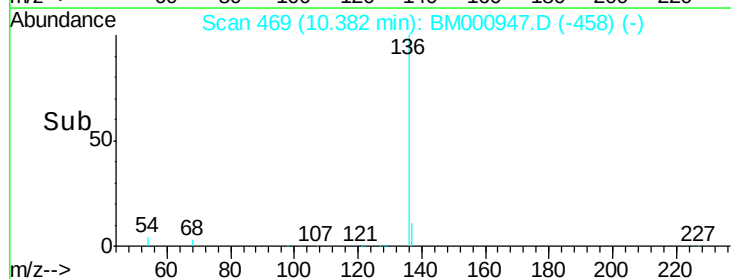
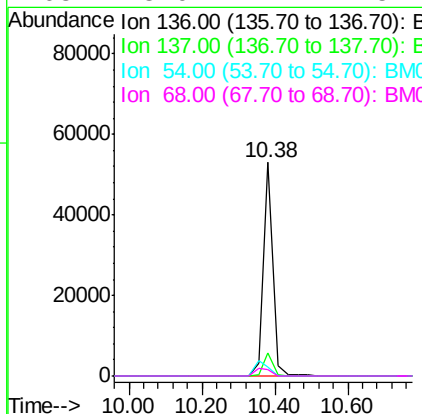
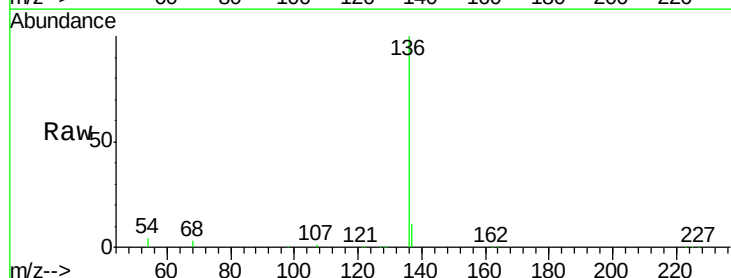
RT: 10.38 min Scan# 469

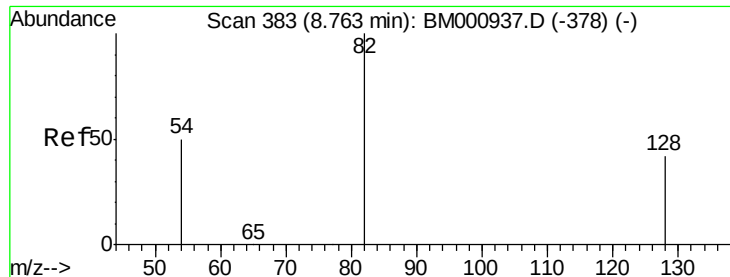
Delta R.T. 0.00 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	97418		
137	10.9		8.6	13.0
54	4.0		2.9	4.3
68	3.0		2.2	3.2





#9

Nitrobenzene-d5

Concen: 7.95 ng

RT: 8.76 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

ClientSampled :

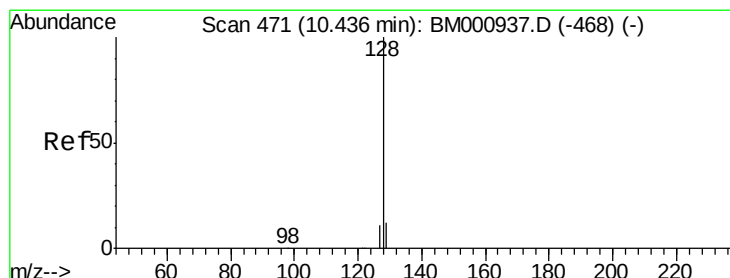
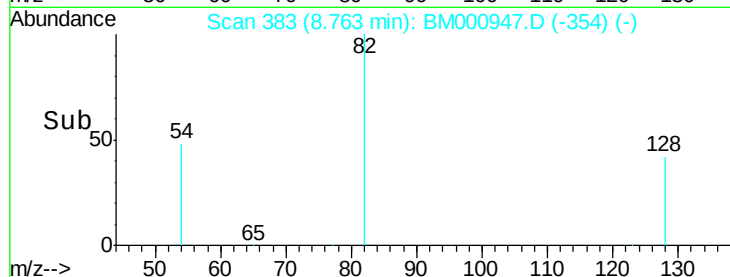
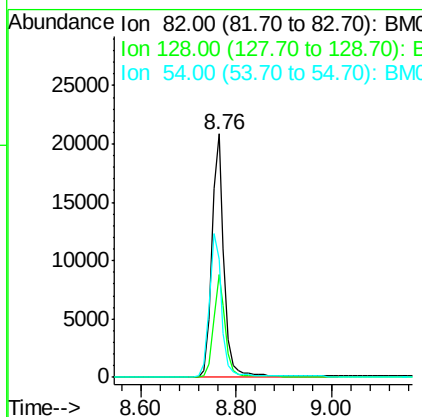
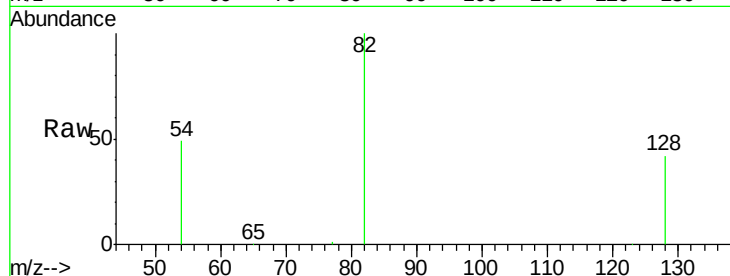
LS-SW05

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Tgt Ion:	82	Resp:	37400
Ion Ratio	Lower	Upper	
82	100		
128	42.4	33.4	50.0
54	48.6	40.5	60.7



#13

Naphthalene

Concen: 0.05 ng

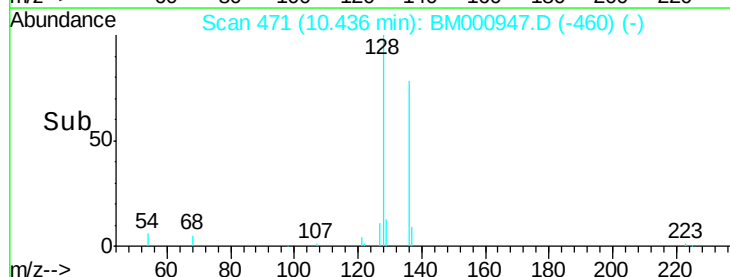
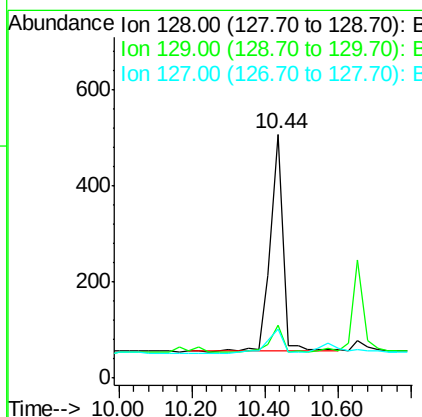
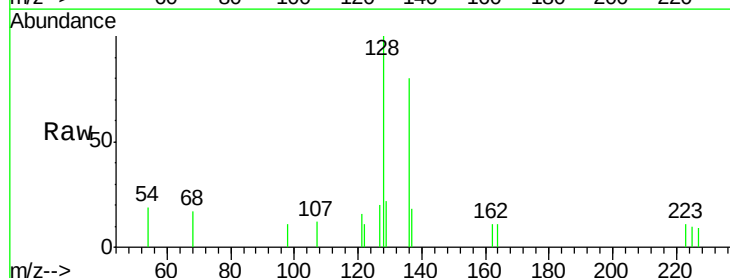
RT: 10.44 min Scan# 471

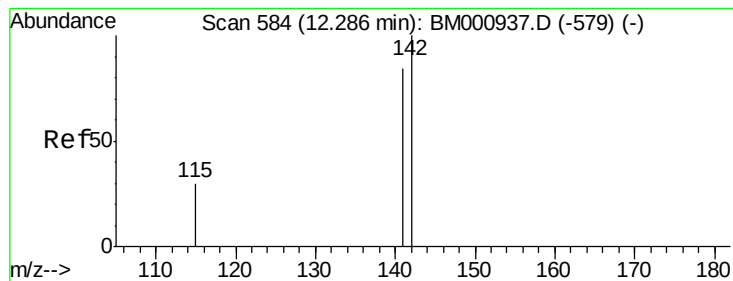
Delta R.T. 0.00 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Tgt Ion:	128	Resp:	1077
Ion Ratio	Lower	Upper	
128	100		
129	21.7	9.8	14.6#
127	20.0	9.1	13.7#





#16

1-Methylnaphthalene

Concen: 0.02 ng

RT: 12.29 min Scan# 584

Delta R.T. 0.00 min

Lab File: BM000947.D

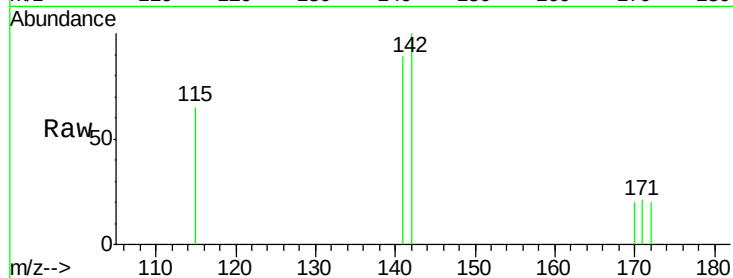
Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

ClientSampleId :

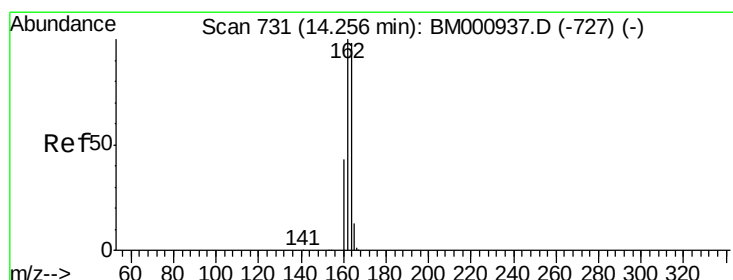
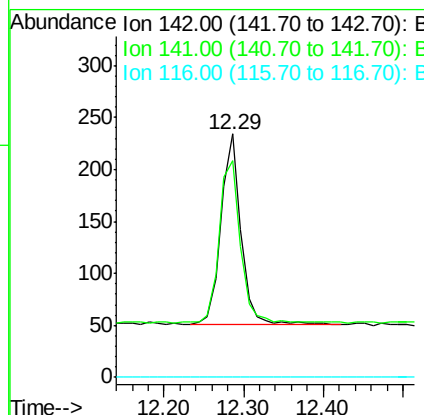
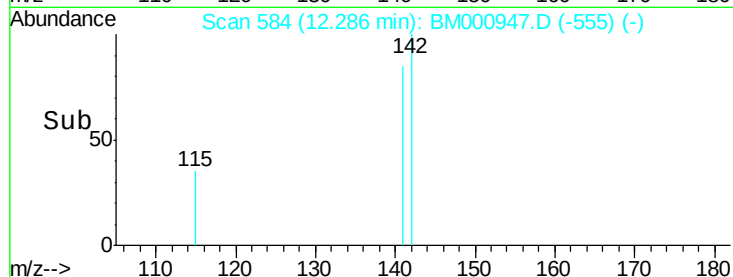
LS-SW05



Tgt Ion:	142	Resp:	315
Ion Ratio	Lower	Upper	
142	100		
141	88.9	66.7	100.1
116	0.0	0.0	0.0

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#17

Acenaphthene-d10

Concen: 5.00 ng

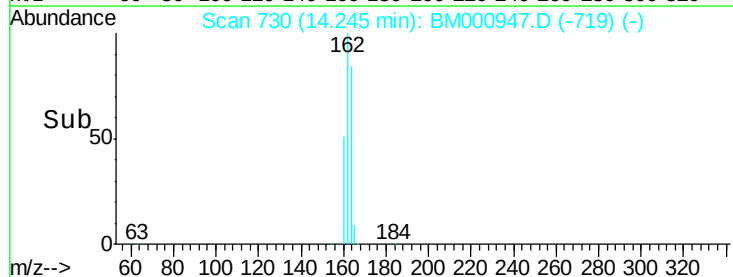
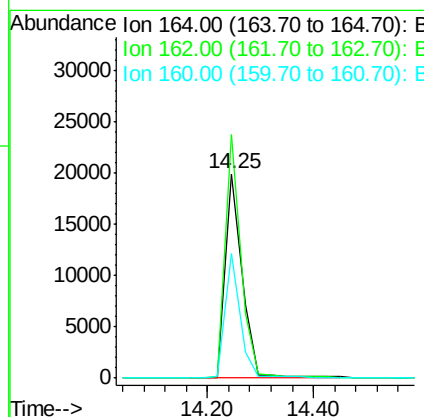
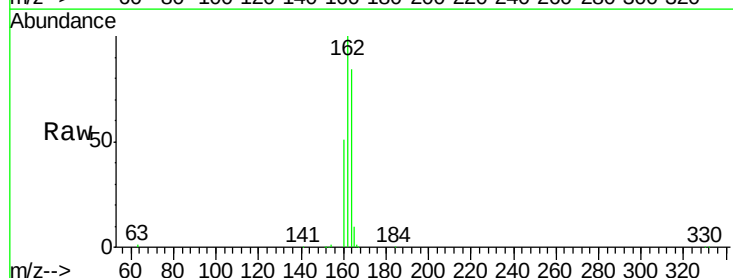
RT: 14.25 min Scan# 730

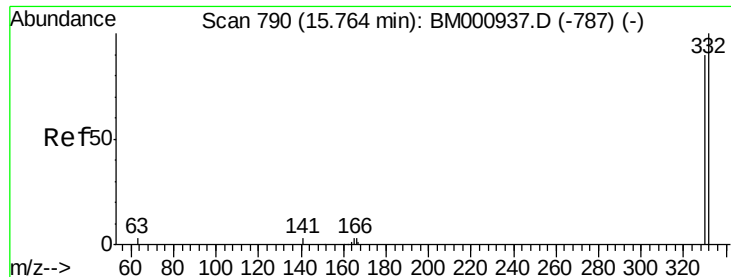
Delta R.T. -0.01 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Tgt Ion:	164	Resp:	42606
Ion Ratio	Lower	Upper	
164	100		
162	119.3	96.1	144.1
160	60.8	48.2	72.2





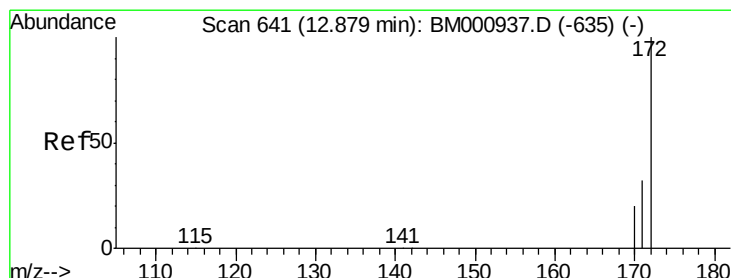
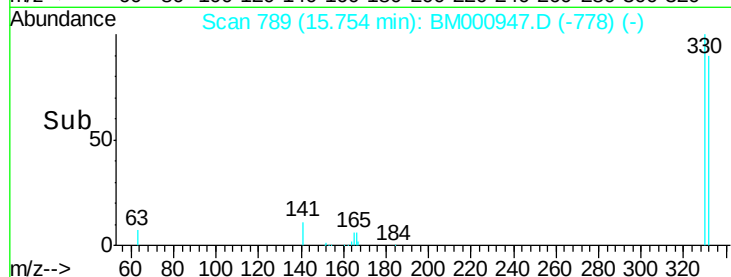
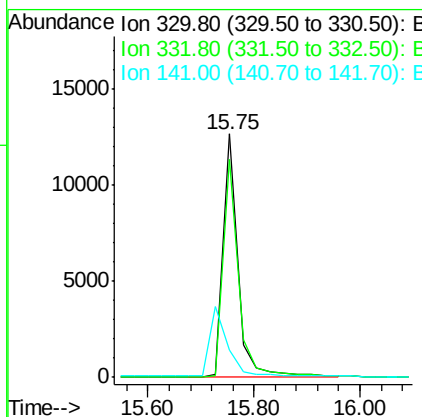
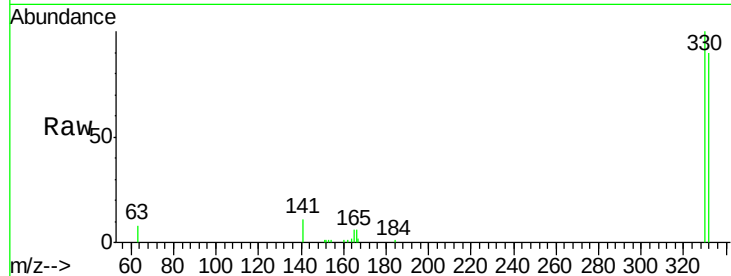
#18
 2,4,6-Tribromophenol
 Concen: 13.38 ng
 RT: 15.75 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BM000947.D
 Acq: 10 Apr 2015 19:49

Instrument :
 BNA_M
 ClientSampleId :
 LS-SW05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	23783		
332	93.0	75.4	113.2	
141	0.0	0.0	0.0	

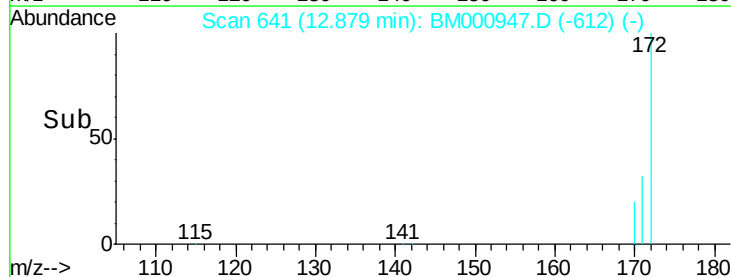
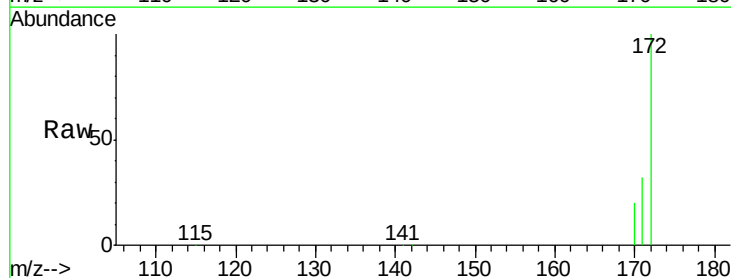
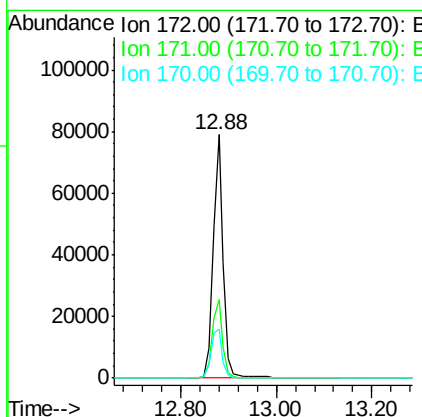
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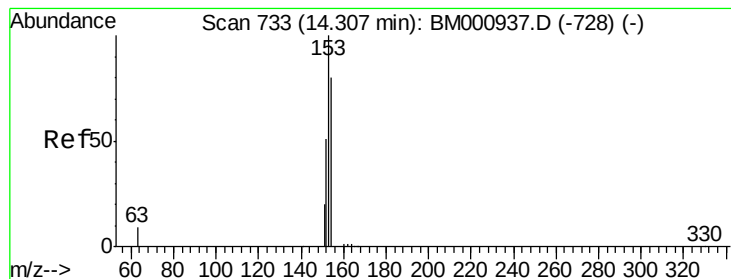
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#19
 2-Fluorobiphenyl
 Concen: 9.97 ng
 RT: 12.88 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BM000947.D
 Acq: 10 Apr 2015 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	118991		
171	32.5	26.7	40.1	
170	20.2	17.0	25.4	





#21

Acenaphthene

Concen: 0.04 ng m

RT: 14.32 min Scan# 733

Delta R.T. 0.02 min

Lab File: BM000947.D

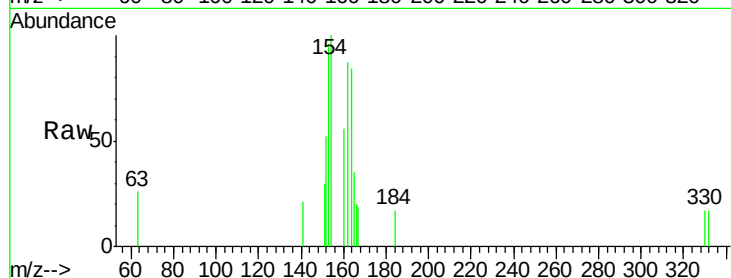
Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

ClientSampleId :

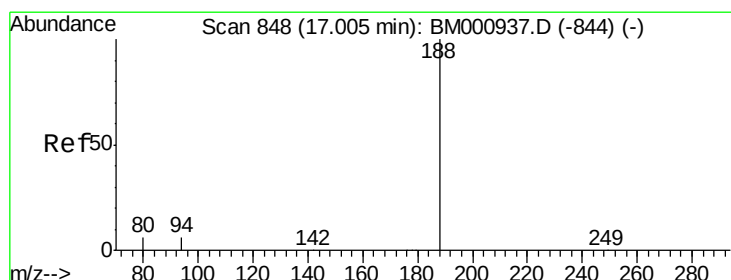
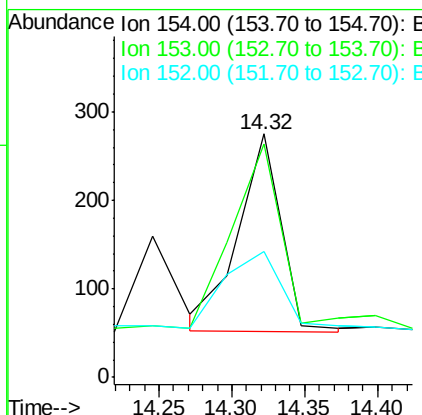
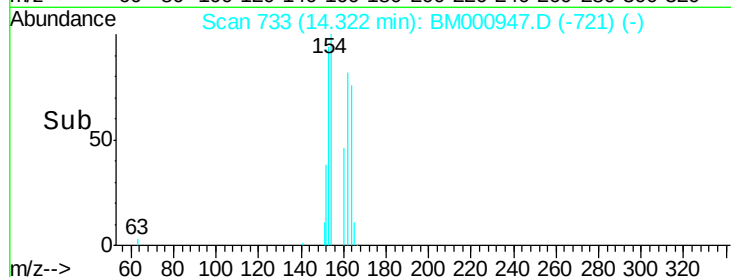
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Tgt Ion:	154	Resp:	454
Ion Ratio	Lower	Upper	
154	100		
153	95.6	73.7	110.5
152	52.0	29.0	43.6#

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#24

Phenanthrene-d10

Concen: 5.00 ng

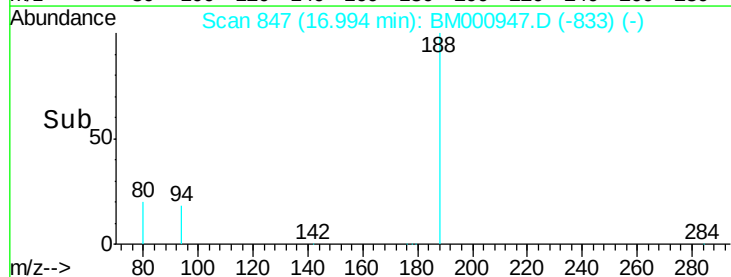
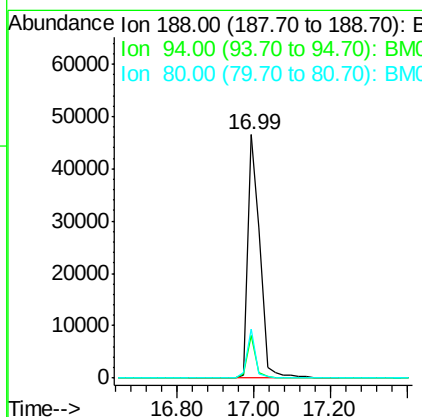
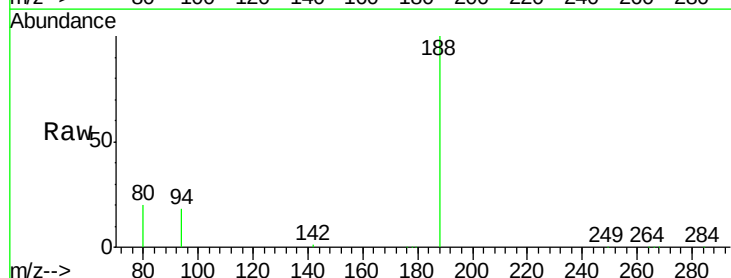
RT: 16.99 min Scan# 847

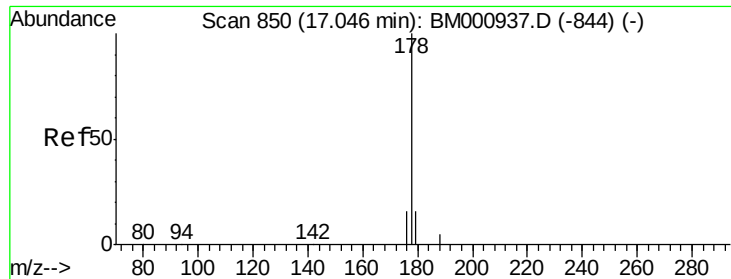
Delta R.T. -0.01 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Tgt Ion:	188	Resp:	99270
Ion Ratio	Lower	Upper	
188	100		
94	17.6	12.2	18.4
80	19.9	13.4	20.0





#27

Phenanthrene

Concen: 0.04 ng

RT: 17.04 min Scan# 849

Delta R.T. -0.01 min

Lab File: BM000947.D

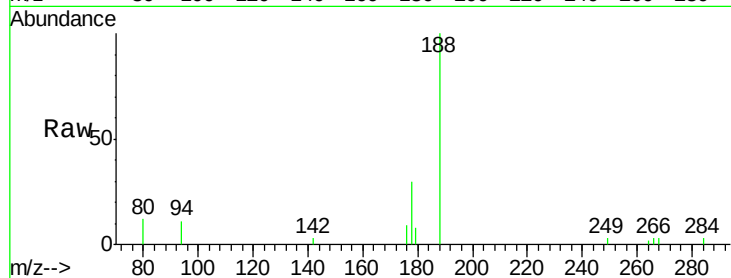
Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

ClientSampleId :

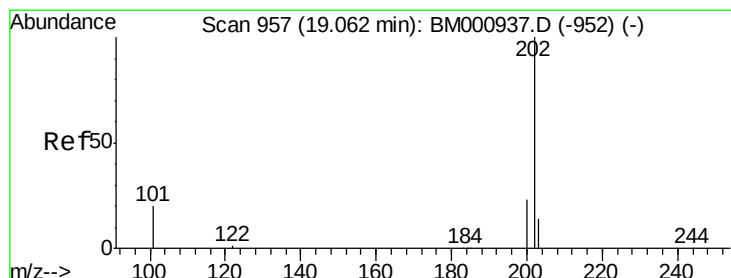
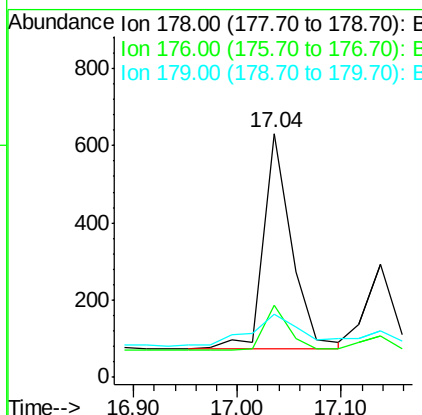
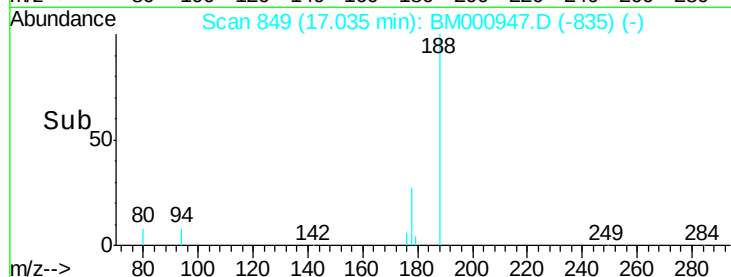
LS-SW05



Tgt Ion:	178	Resp:	1041
Ion Ratio	Lower	Upper	
178	100		
176	29.6	16.0	24.0#
179	26.1	11.4	17.2#

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#29

Fluoranthene

Concen: 0.03 ng

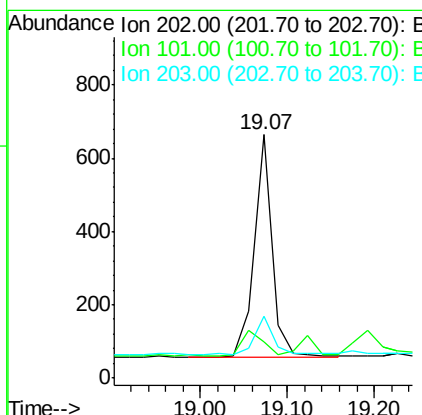
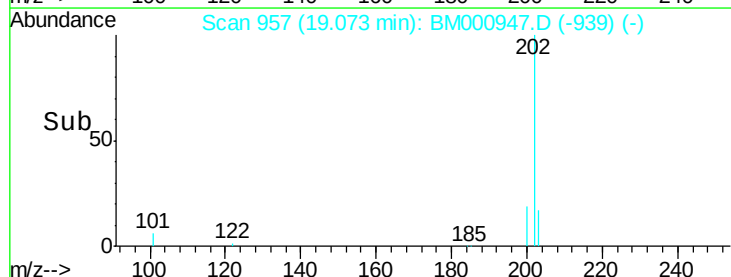
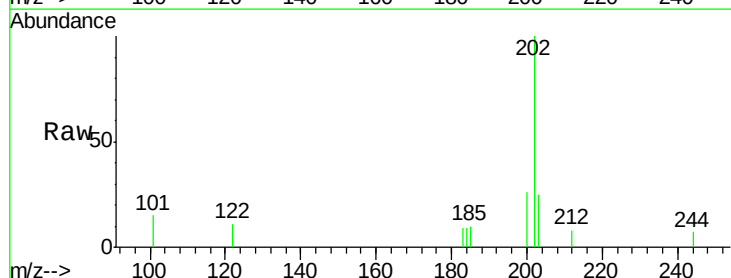
RT: 19.07 min Scan# 957

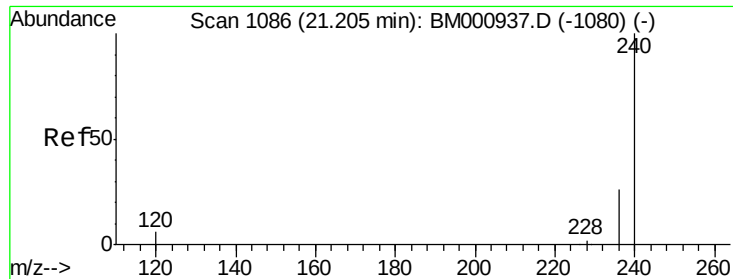
Delta R.T. 0.01 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Tgt Ion:	202	Resp:	882
Ion Ratio	Lower	Upper	
202	100		
101	14.9	0.0	24.1
203	25.5	0.0	38.4





#30

Chrysene-d12

Concen: 5.00 ng

RT: 21.20 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

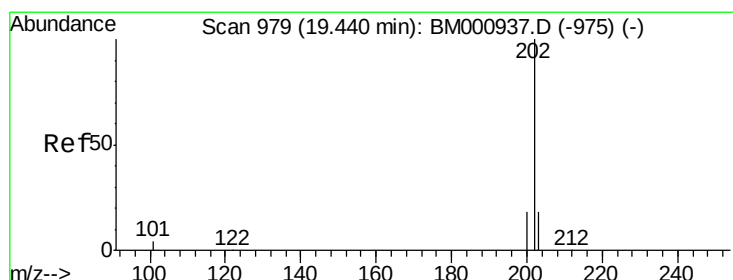
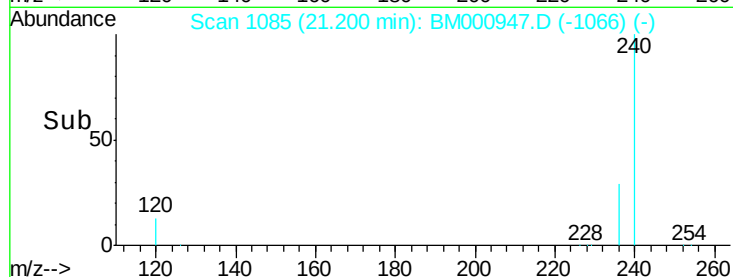
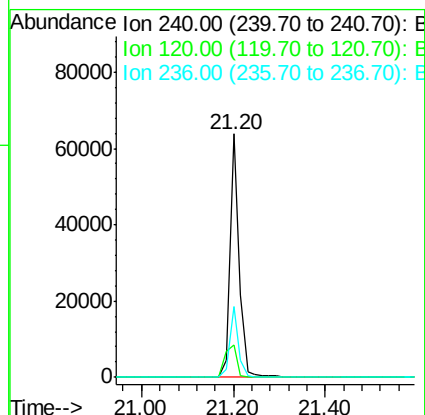
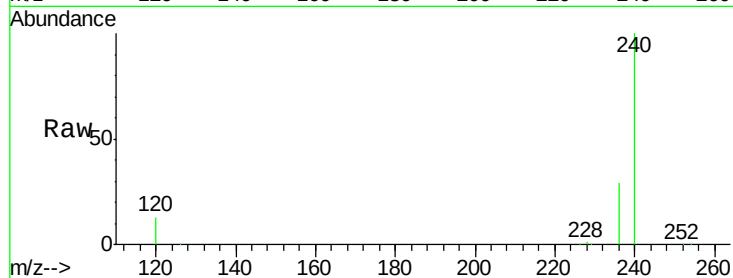
ClientSampleId :

LS-SW05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	6.8	10.2#
236	29.0	22.1	33.1

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#32

Pyrene

Concen: 0.03 ng

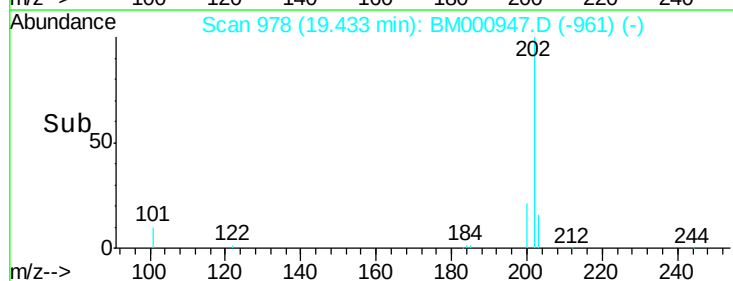
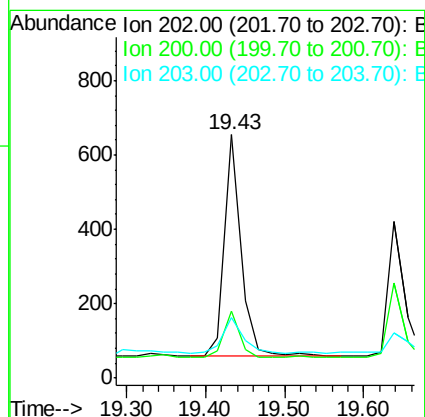
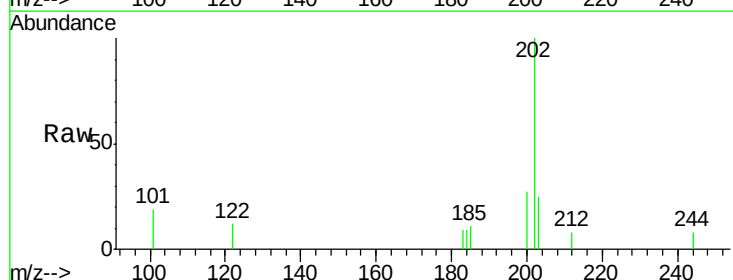
RT: 19.43 min Scan# 978

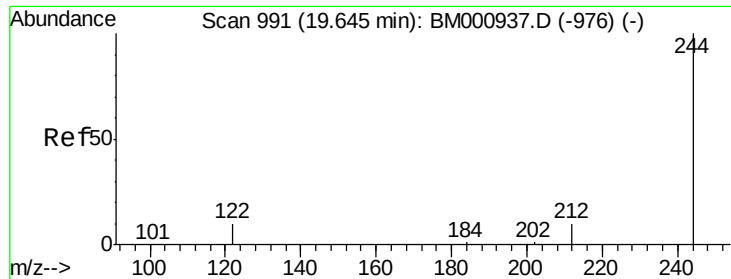
Delta R.T. -0.01 min

Lab File: BM000947.D

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Tgt Ion	Ratio	Lower	Upper
202	100		
200	27.3	16.2	24.4#
203	24.7	13.5	20.3#





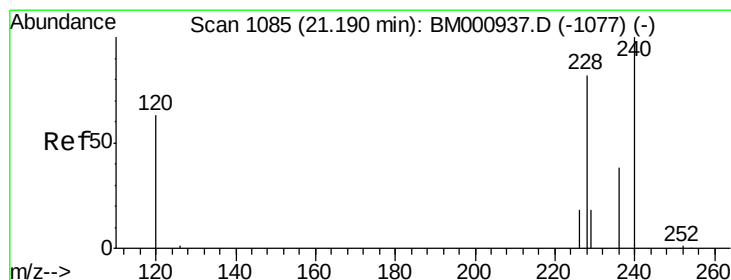
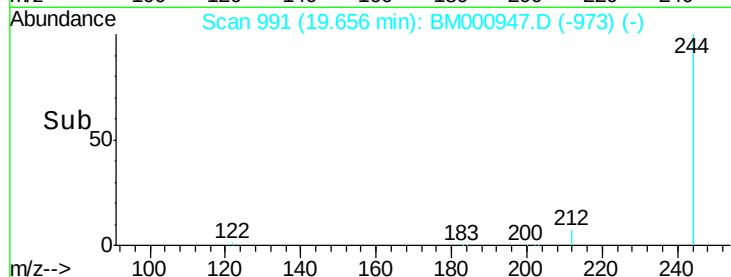
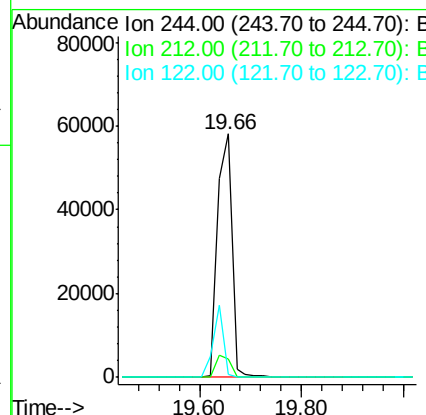
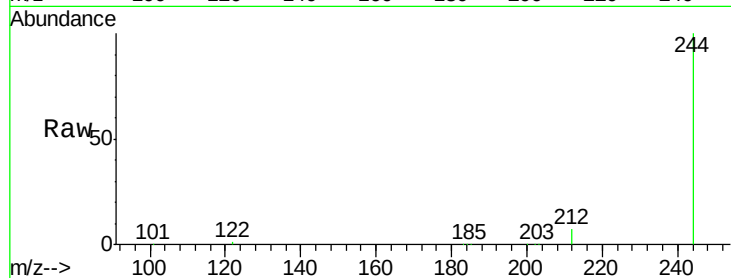
#33
 Terphenyl-d14
 Concen: 10.61 ng
 RT: 19.66 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BM000947.D
 Acq: 10 Apr 2015 19:49

Instrument :
 BNA_M
 ClientSampleId :
 LS-SW05

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.3	9.4	14.0#
122	1.4	20.9	31.3#

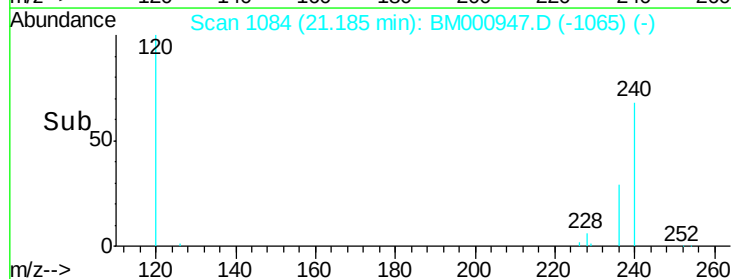
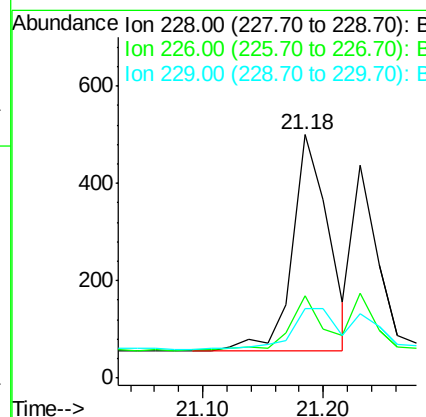
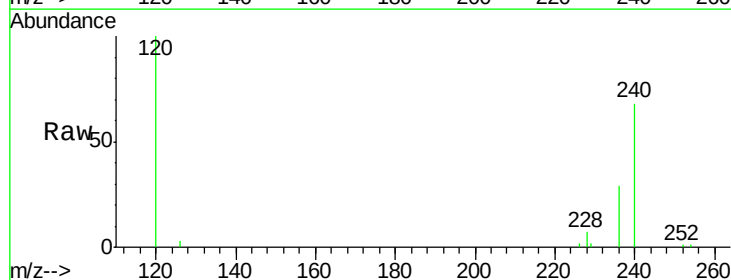
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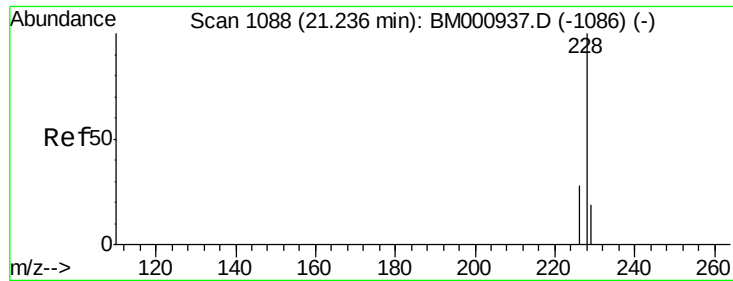
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#34
 Benzo(a)anthracene
 Concen: 0.04 ng
 RT: 21.18 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BM000947.D
 Acq: 10 Apr 2015 19:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	33.6	18.9	28.3#
229	28.4	16.8	25.2#





#36

Chrysene

Concen: 0.02 ng m

RT: 21.23 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

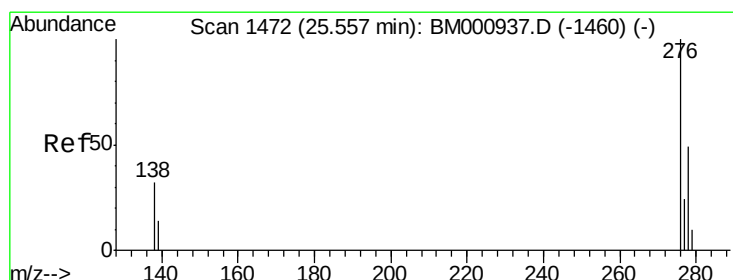
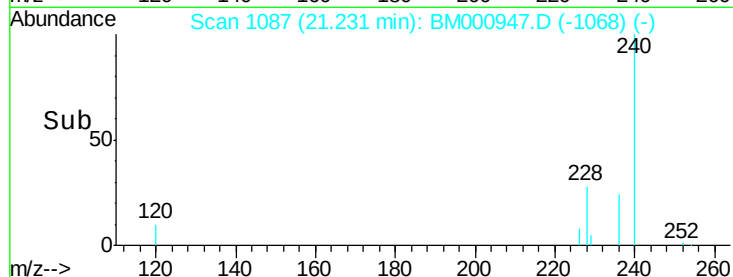
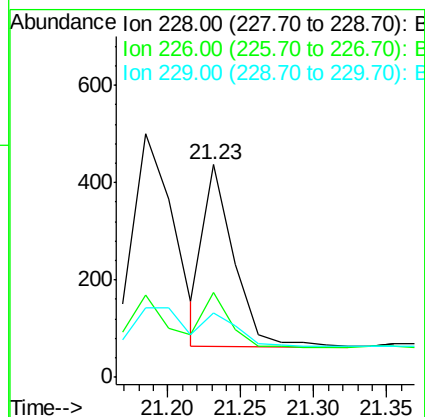
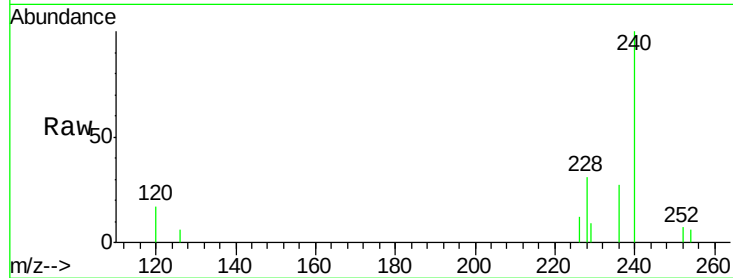
ClientSampled :

LS-SW05

Tgt Ion:	228	Resp:	548
Ion Ratio	Lower	Upper	
228	100		
226	39.8	23.4	35.2#
229	30.4	15.0	22.6#

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#37

Indeno(1,2,3-cd)pyrene

Concen: 0.05 ng

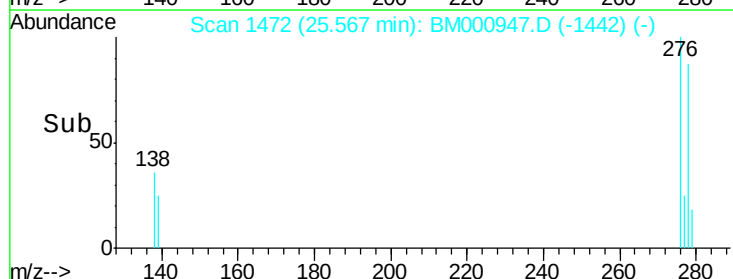
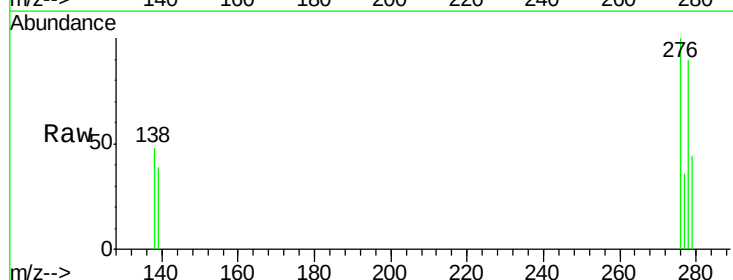
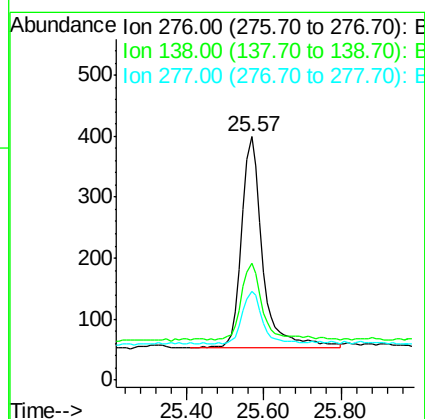
RT: 25.57 min Scan# 1472

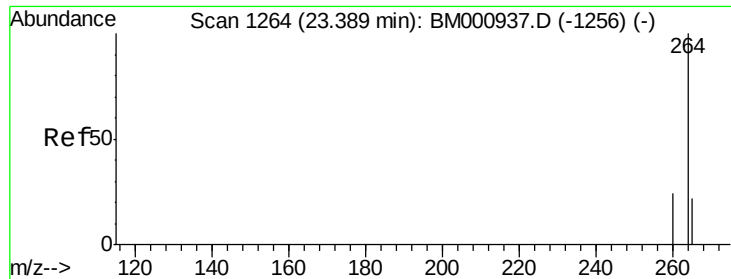
Delta R.T. 0.01 min

Lab File: BM000947.D

Acq: 10 Apr 2015 19:49

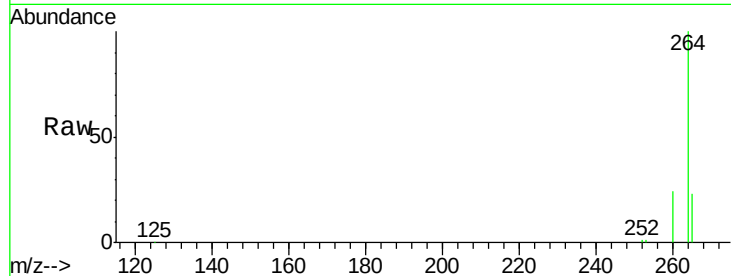
Tgt Ion:	276	Resp:	1309
Ion Ratio	Lower	Upper	
276	100		
138	34.6	26.6	40.0
277	24.1	19.8	29.6





#38
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BM000947.D
Acq: 10 Apr 2015 19:49

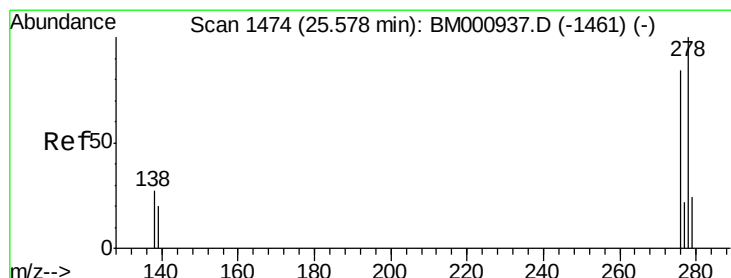
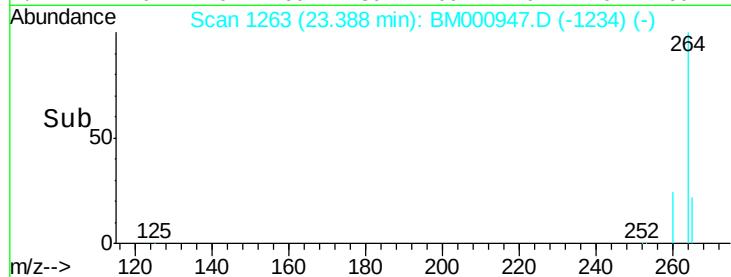
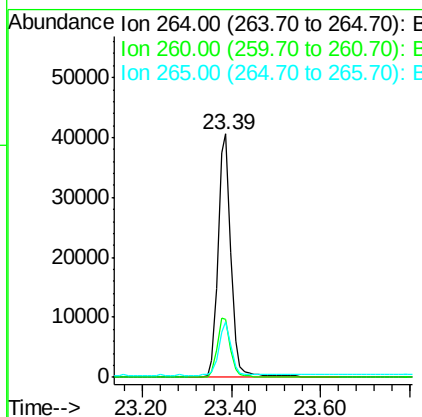
Instrument :
BNA_M
ClientSampleId :
LS-SW05



Tgt Ion: 264 Resp: 80364
Ion Ratio Lower Upper
264 100
260 23.8 20.6 30.8
265 22.6 16.4 24.6

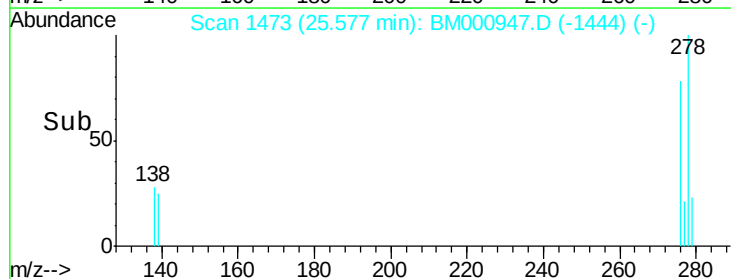
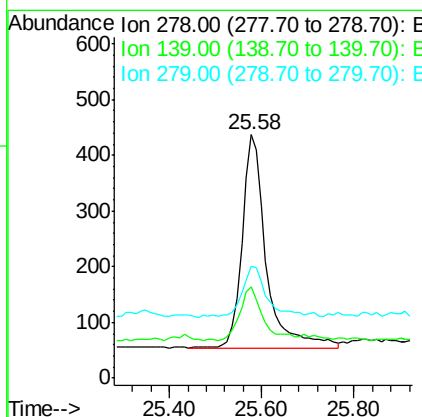
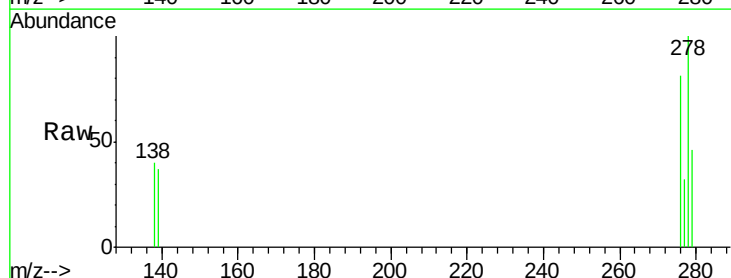
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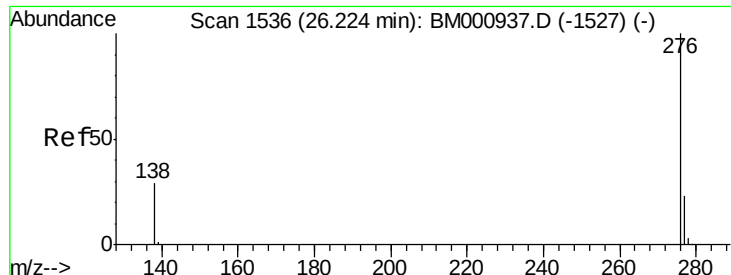
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#42
Dibenzo(a,h)anthracene
Concen: 0.07 ng
RT: 25.58 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BM000947.D
Acq: 10 Apr 2015 19:49

Tgt Ion: 278 Resp: 1389
Ion Ratio Lower Upper
278 100
139 37.3 17.8 26.8#
279 45.8 19.0 28.6#





#43

Benzo(g,h,i)perylene

Concen: 0.04 ng

RT: 26.23 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BM000947.D

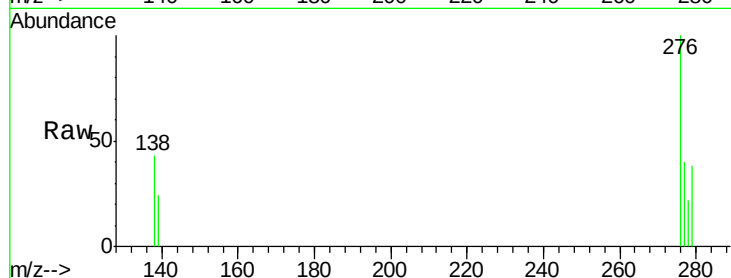
Acq: 10 Apr 2015 19:49

Instrument :

BNA_M

ClientSampleId :

LS-SW05



Tgt Ion: 276 Resp: 849

Ion Ratio Lower Upper

276 100

277 39.5 19.4 29.0#

138 42.7 21.7 32.5#

Manual Integrations

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apatel

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