

Data Path : S:\HPCHEM1\BNA_M\DATA\BM041015\
 Data File : BM000942.D
 Acq On : 10 Apr 2015 16:50
 Operator : TP/IZ
 Sample : G1757-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LS-SW03

Manual Integrations
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Quant Time: Apr 13 16:08:42 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	26199	5.00	ng	0.00
8) Naphthalene-d8	10.38	136	97307	5.00	ng	0.00
17) Acenaphthene-d10	14.25	164	42013	5.00	ng	0.00
24) Phenanthrene-d10	16.99	188	97960	5.00	ng	0.00
30) Chrysene-d12	21.20	240	84608	5.00	ng	0.00
38) Perylene-d12	23.39	264	76086	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	22753	4.10	ng	0.00
5) Phenol-d6	6.78	99	18533	2.79	ng	0.00
9) Nitrobenzene-d5	8.76	82	34367	7.31	ng	0.00
18) 2,4,6-Tribromophenol	15.75	330	23516	13.41	ng	0.00
19) 2-Fluorobiphenyl	12.88	172	119518	10.16	ng	0.00
33) Terphenyl-d14	19.66	244	114838	11.15	ng	0.02
Target Compounds						
27) Phenanthrene	17.04	178	567	0.02	ng	# 60
34) Benzo(a)anthracene	21.18	228	745	0.03	ng	# 80
37) Indeno(1,2,3-cd)pyrene	25.57	276	1647	0.06	ng	96
42) Dibenzo(a,h)anthracene	25.58	278	1856	0.10	ng	# 71
43) Benzo(g,h,i)perylene	26.23	276	1069	0.05	ng	# 73

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

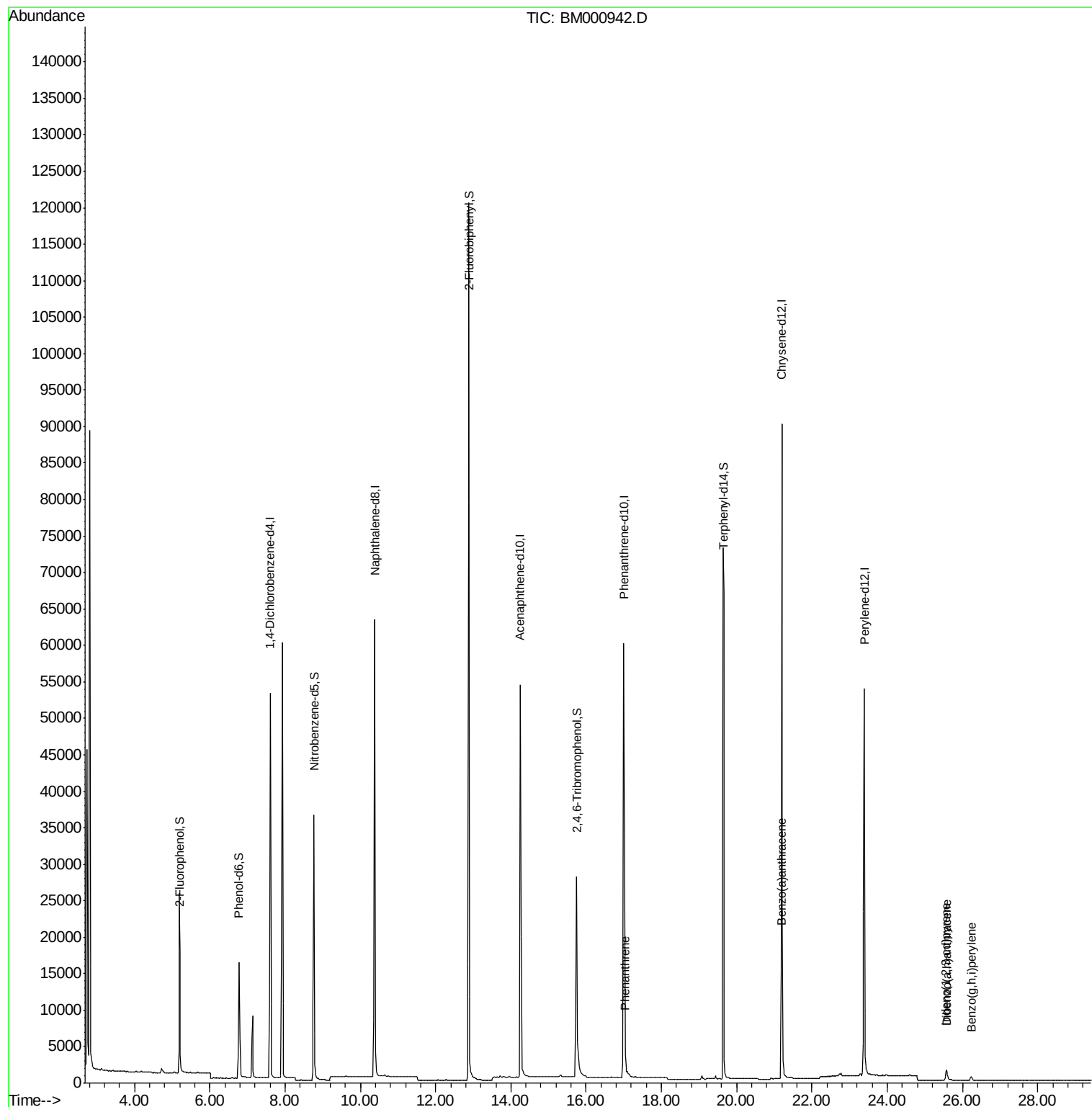
Data Path : S:\HPCHEM1\BNA_M\DATA\BM041015\
Data File : BM000942.D
Acq On : 10 Apr 2015 16:50
Operator : TP/IZ
Sample : G1757-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

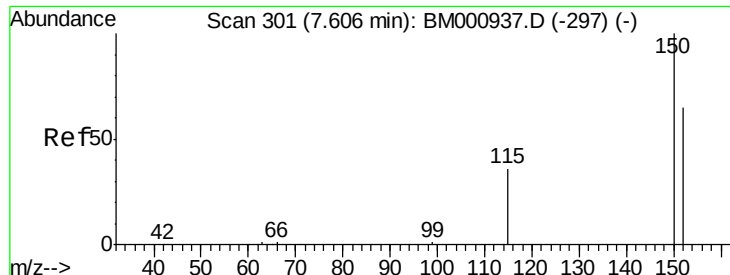
Instrument :
BNA_M
ClientSampleId :
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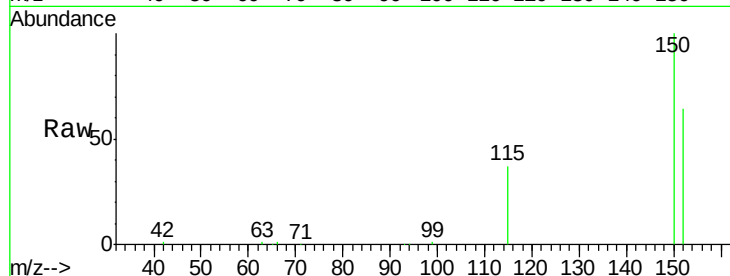




#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 301
Delta R.T. 0.00 min
Lab File: BM000942.D
Acq: 10 Apr 2015 16:50

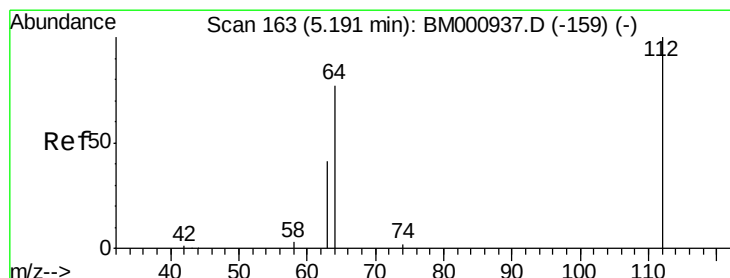
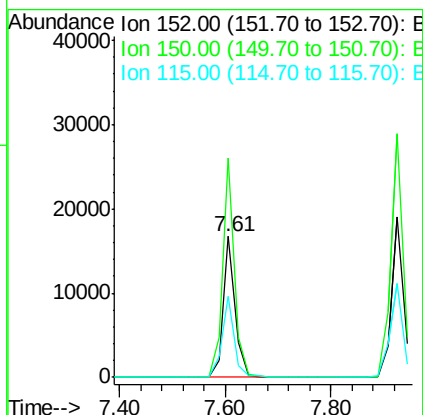
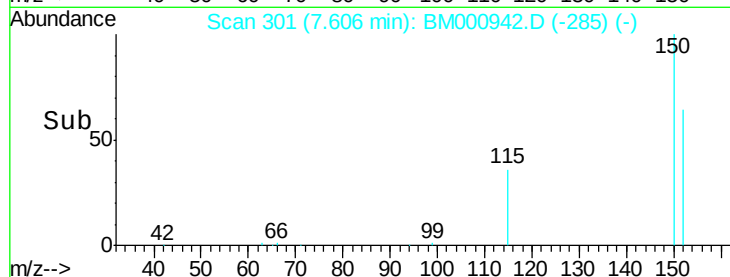
Instrument :
BNA_M
ClientSampleId :
LS-SW03



Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.4	188.2
115	57.1	45.9	68.9

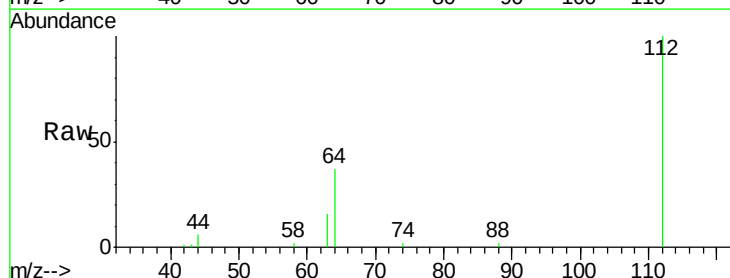
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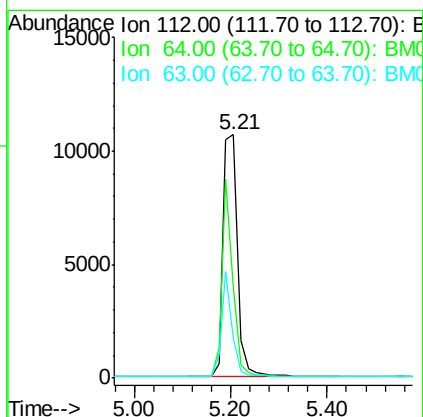
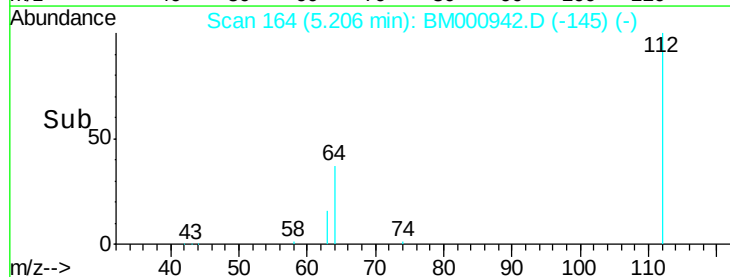


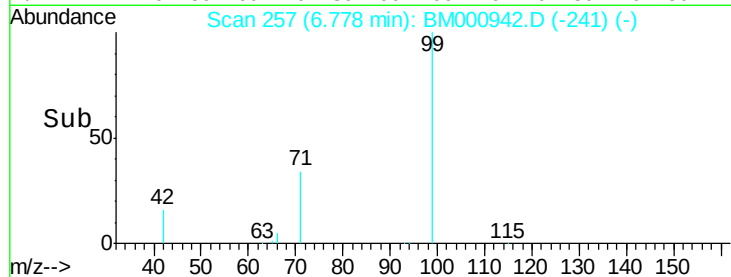
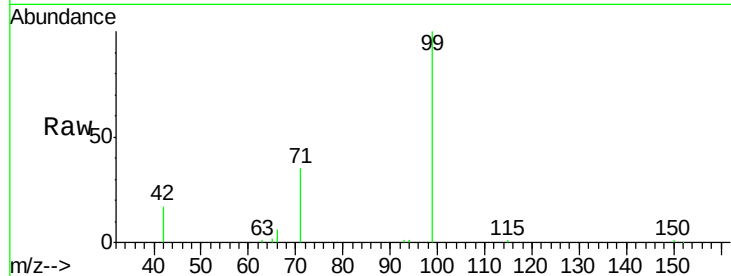
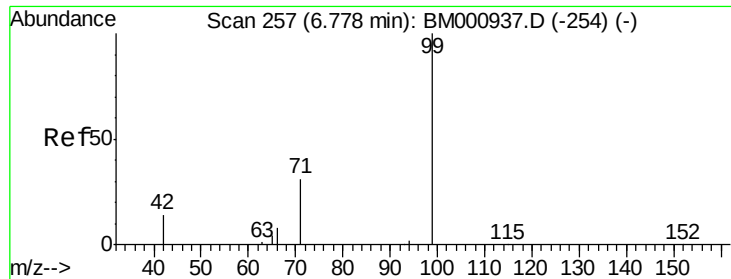
#4

2-Fluorophenol
Concen: 4.10 ng
RT: 5.21 min Scan# 164
Delta R.T. 0.00 min
Lab File: BM000942.D
Acq: 10 Apr 2015 16:50



Tgt Ion	Ratio	Lower	Upper
112	100		
64	37.4	31.8	47.8
63	16.3	14.5	21.7





#5

Phenol-d6

Concen: 2.79 ng

RT: 6.78 min Scan# 257

Delta R.T. 0.00 min

Lab File: BM000942.D

Acq: 10 Apr 2015 16:50

Tgt Ion:	99	Resp:	18533
Ion Ratio	Lower	Upper	
99	100		
42	17.0	14.1	21.1
71	34.6	28.0	42.0

Instrument :

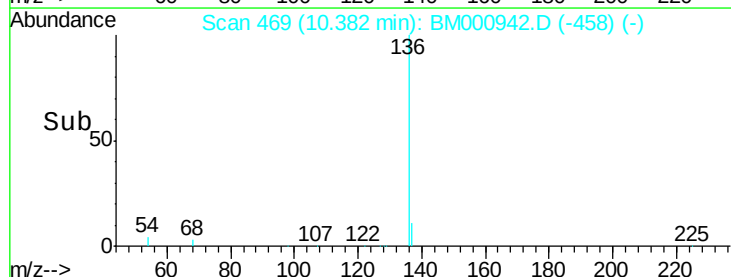
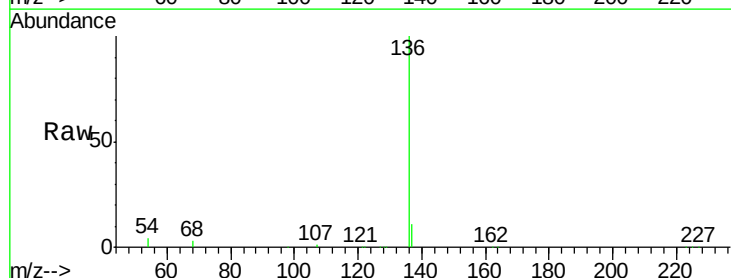
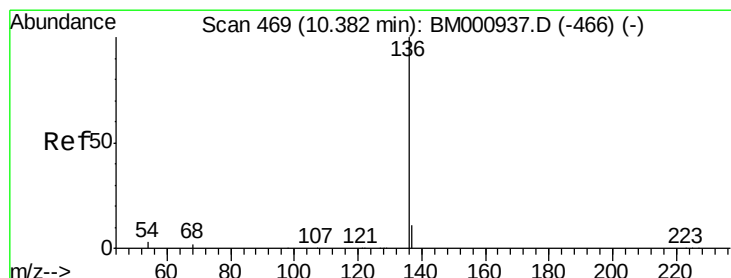
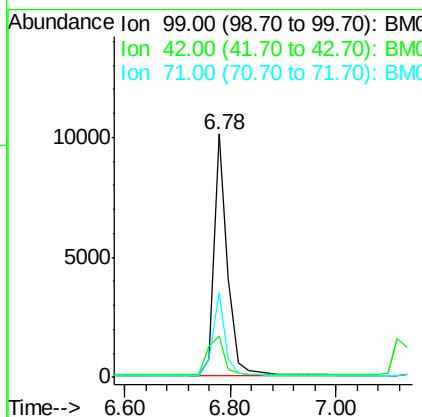
BNA_M

ClientSampleId :

LS-SW03

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#8

Naphthalene-d8

Concen: 5.00 ng

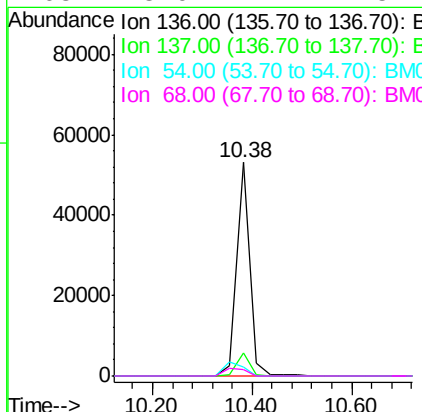
RT: 10.38 min Scan# 469

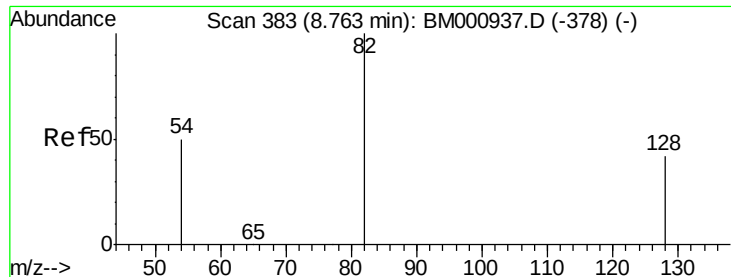
Delta R.T. 0.00 min

Lab File: BM000942.D

Acq: 10 Apr 2015 16:50

Tgt Ion:	136	Resp:	97307
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	4.0	2.9	4.3
68	3.0	2.2	3.2





#9

Nitrobenzene-d5

Concen: 7.31 ng

RT: 8.76 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM000942.D

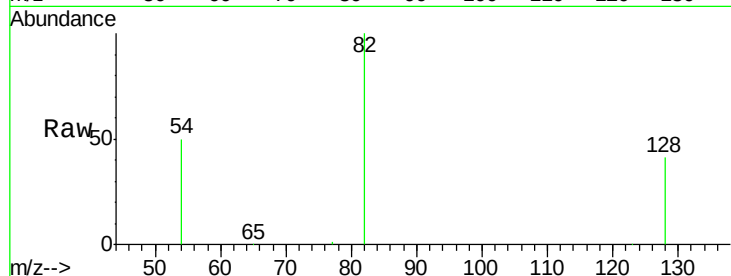
Acq: 10 Apr 2015 16:50

Instrument :

BNA_M

ClientSampleId :

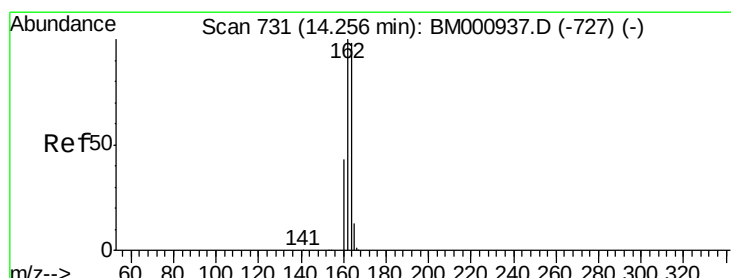
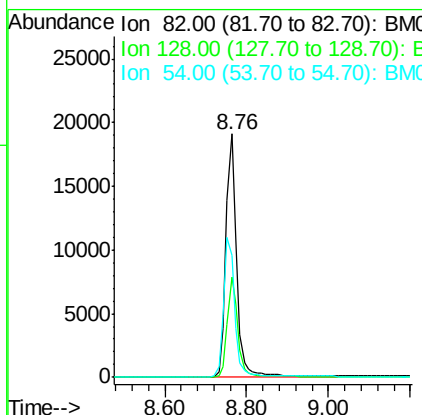
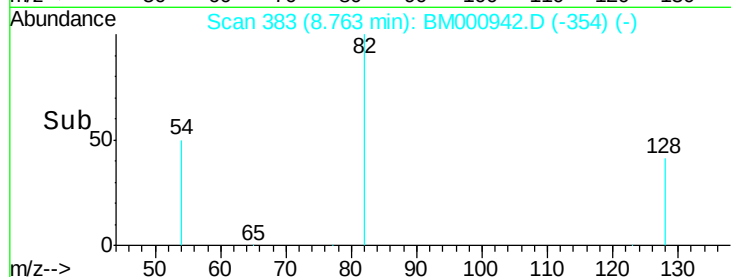
LS-SW03



Tgt Ion:	82	Resp:	34367
Ion Ratio	Lower	Upper	
82	100		
128	41.2	33.4	50.0
54	49.9	40.5	60.7

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#17

Acenaphthene-d10

Concen: 5.00 ng

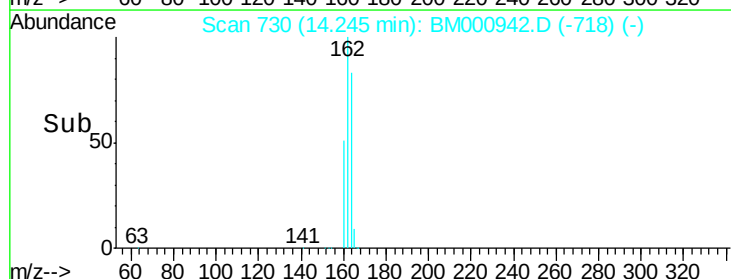
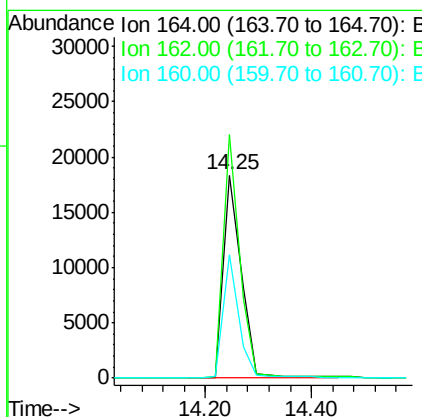
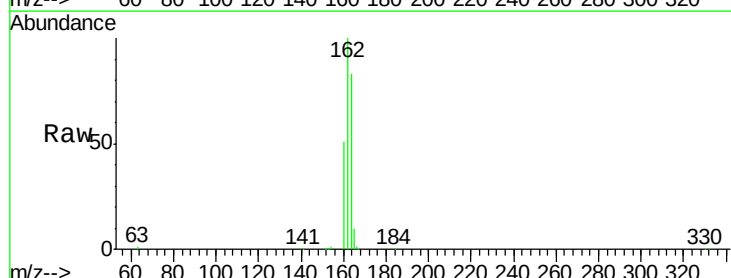
RT: 14.25 min Scan# 730

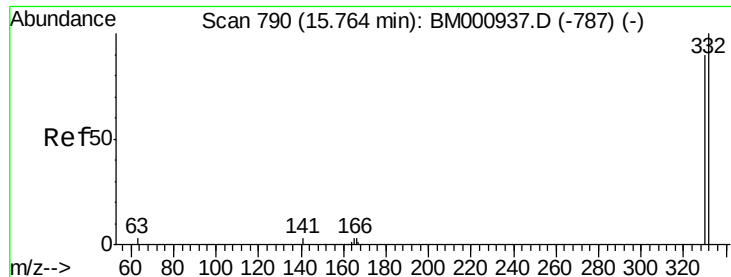
Delta R.T. 0.00 min

Lab File: BM000942.D

Acq: 10 Apr 2015 16:50

Tgt Ion:	164	Resp:	42013
Ion Ratio	Lower	Upper	
164	100		
162	120.1	96.1	144.1
160	61.0	48.2	72.2





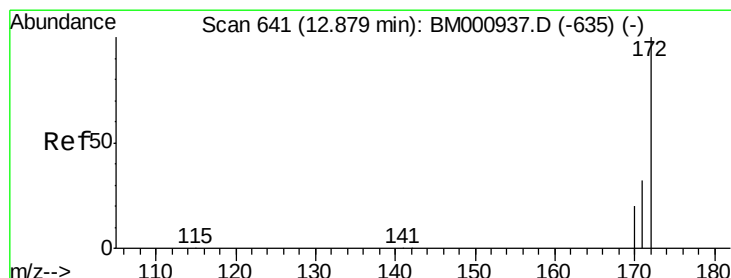
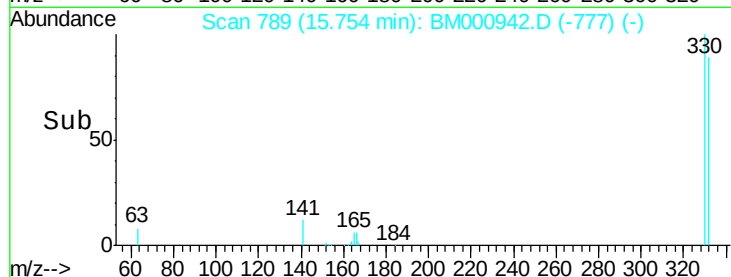
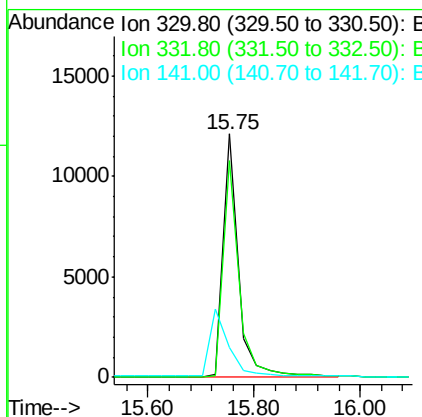
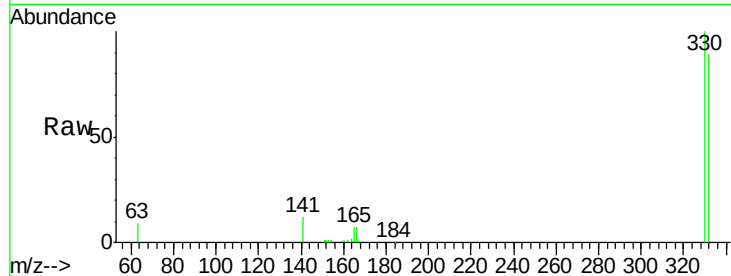
#18
 2,4,6-Tribromophenol
 Concen: 13.41 ng
 RT: 15.75 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BM000942.D
 Acq: 10 Apr 2015 16:50

Instrument :
 BNA_M
 ClientSampleId :
 LS-SW03

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	23516		
332	92.9	75.4	113.2	
141	0.0	0.0	0.0	

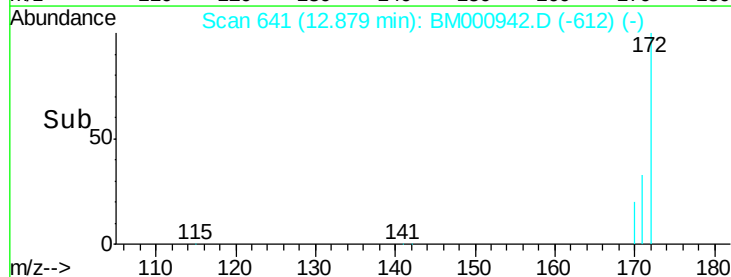
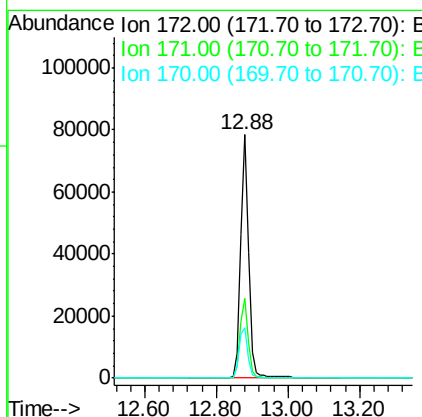
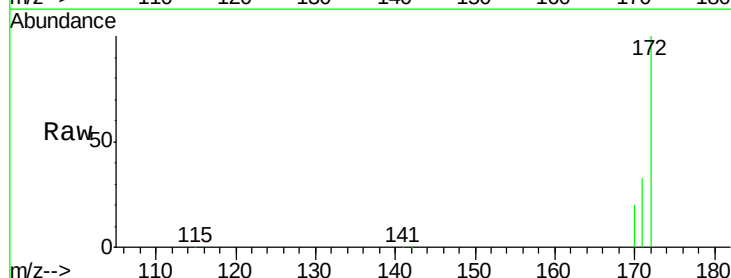
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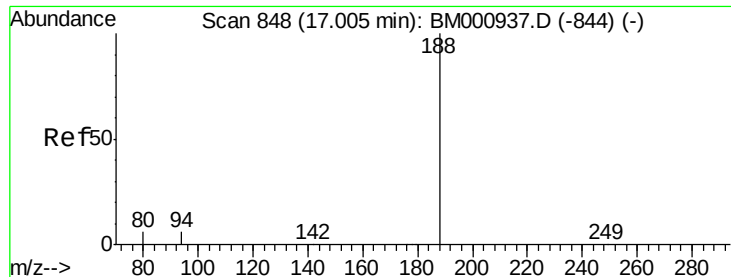
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#19
 2-Fluorobiphenyl
 Concen: 10.16 ng
 RT: 12.88 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BM000942.D
 Acq: 10 Apr 2015 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	119518		
171	32.7	26.7	40.1	
170	20.5	17.0	25.4	





#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.99 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM000942.D

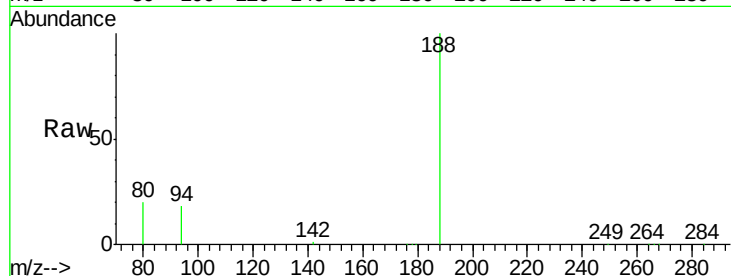
Acq: 10 Apr 2015 16:50

Instrument :

BNA_M

ClientSampleId :

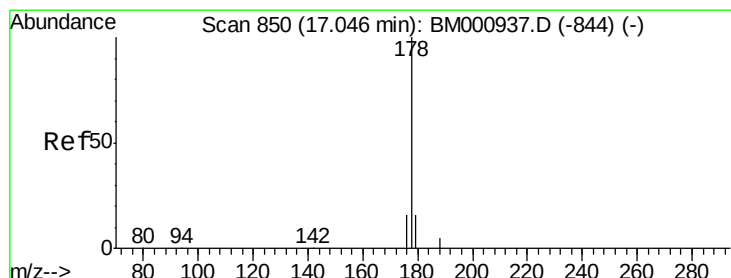
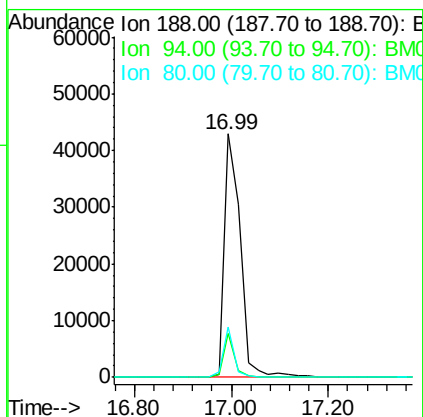
LS-SW03



Tgt Ion:	188	Resp:	97960
Ion Ratio	Lower	Upper	
188	100		
94	18.1	12.2	18.4
80	20.5	13.4	20.0#

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#27

Phenanthrene

Concen: 0.02 ng

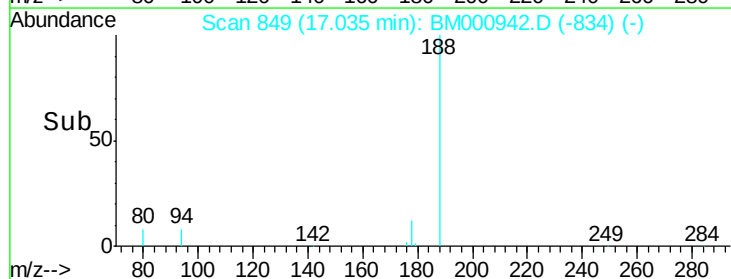
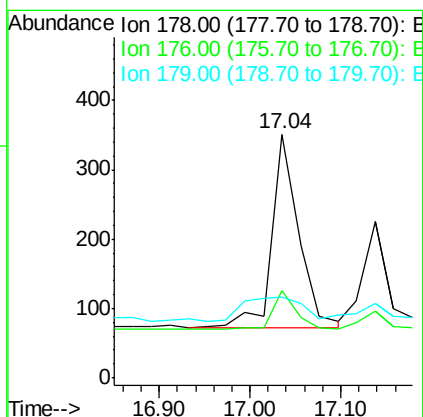
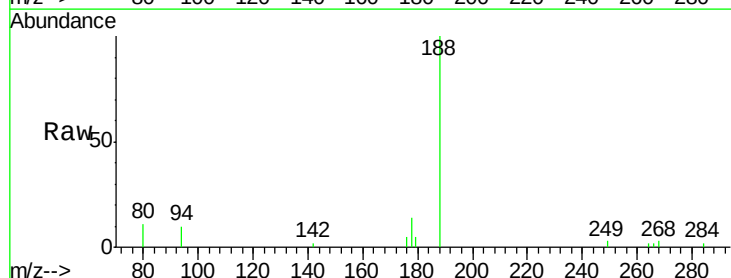
RT: 17.04 min Scan# 849

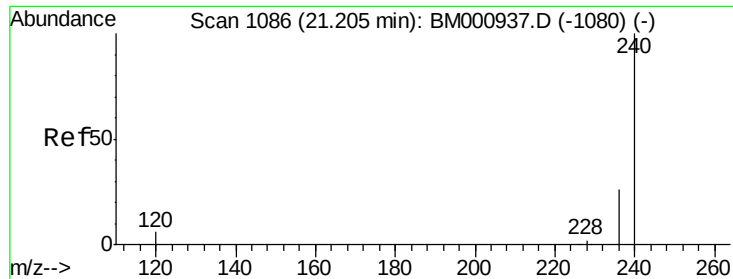
Delta R.T. 0.00 min

Lab File: BM000942.D

Acq: 10 Apr 2015 16:50

Tgt Ion:	178	Resp:	567
Ion Ratio	Lower	Upper	
178	100		
176	35.9	16.0	24.0#
179	33.3	11.4	17.2#





#30

Chrysene-d12

Concen: 5.00 ng

RT: 21.20 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BM000942.D

Acq: 10 Apr 2015 16:50

Instrument :

BNA_M

ClientSampleId :

LS-SW03

Tgt Ion:240 Resp: 84608

Ion Ratio Lower Upper

240 100

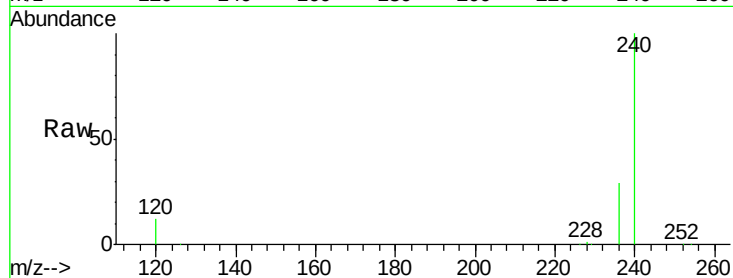
120 11.6 6.8 10.2#

236 29.1 22.1 33.1

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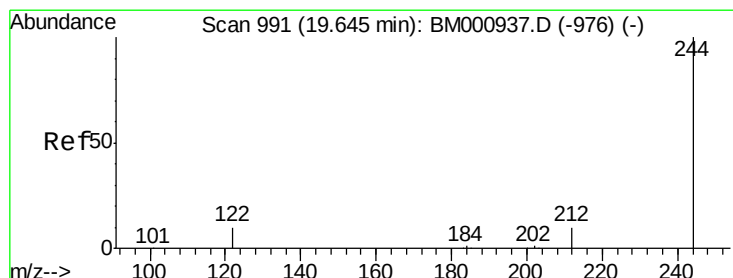
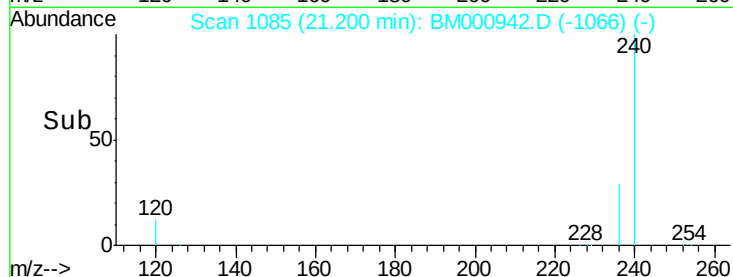
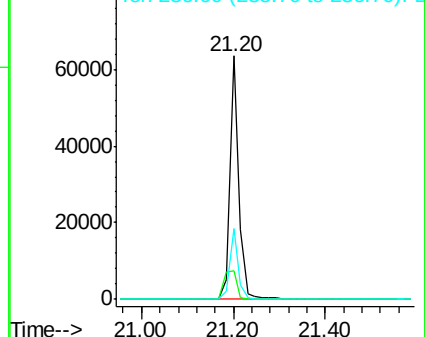
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#33

Terphenyl-d14

Concen: 11.15 ng

RT: 19.66 min Scan# 991

Delta R.T. 0.02 min

Lab File: BM000942.D

Acq: 10 Apr 2015 16:50

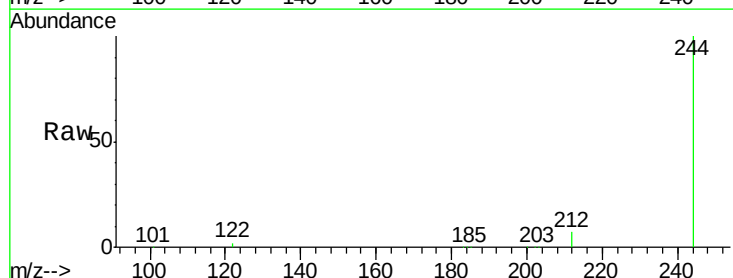
Tgt Ion:244 Resp: 114838

Ion Ratio Lower Upper

244 100

212 7.4 9.4 14.0#

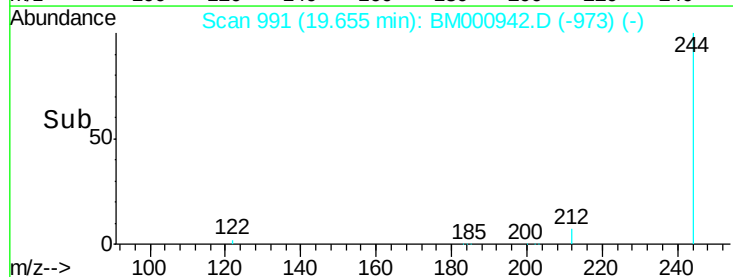
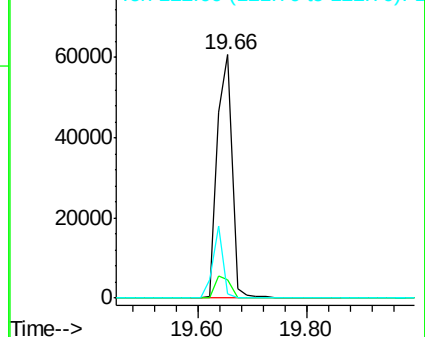
122 1.6 20.9 31.3#

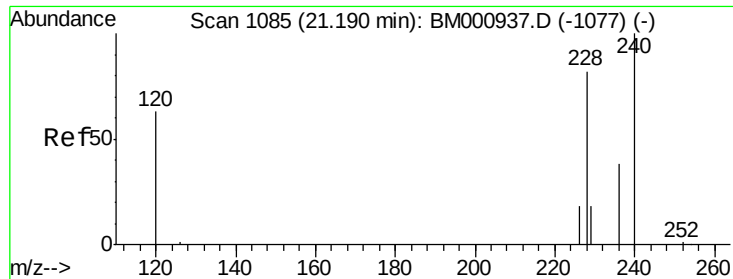


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





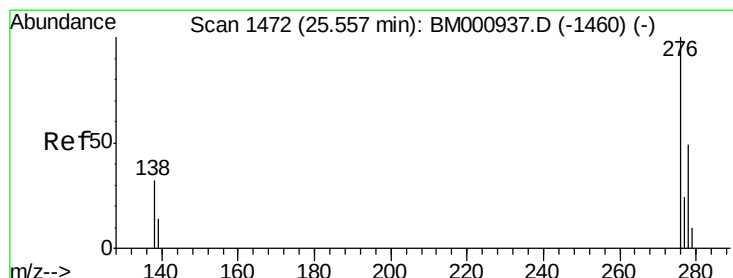
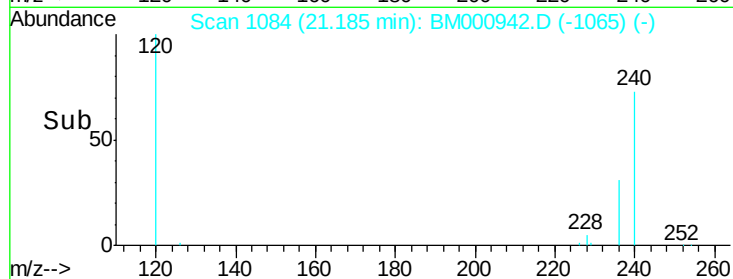
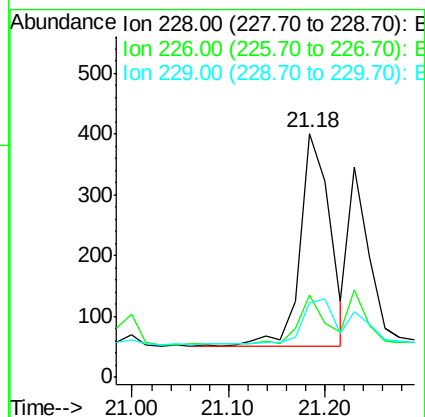
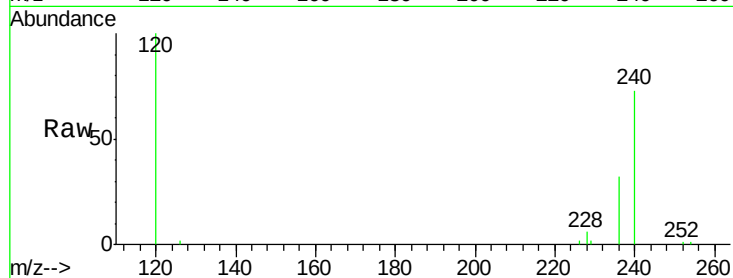
#34
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.18 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BM000942.D
Acq: 10 Apr 2015 16:50

Instrument :
BNA_M
ClientSampleId :
LS-SW03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.7	18.9	28.3#
229	30.4	16.8	25.2#

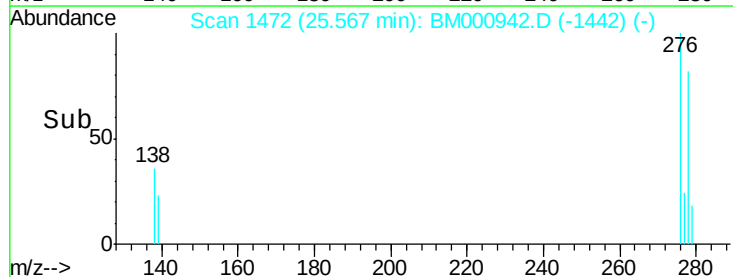
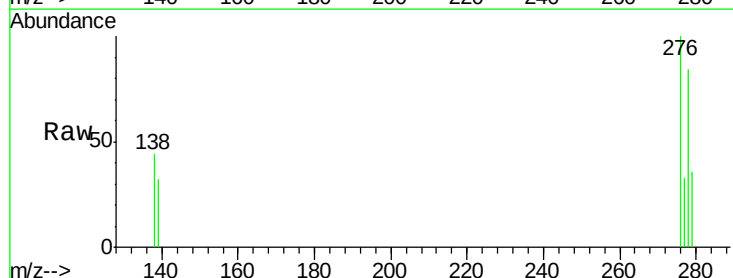
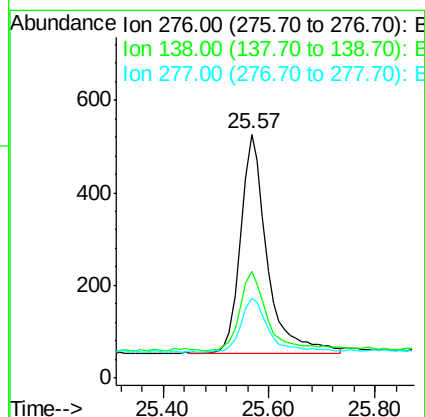
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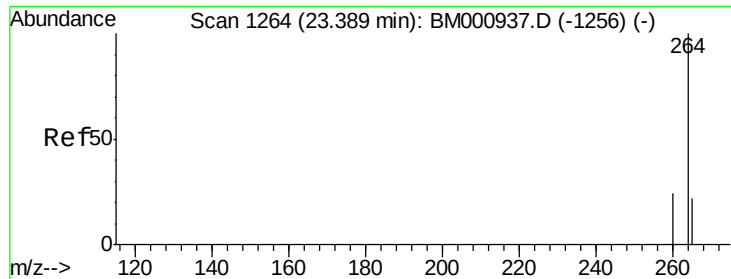
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#37
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng
RT: 25.57 min Scan# 1472
Delta R.T. 0.01 min
Lab File: BM000942.D
Acq: 10 Apr 2015 16:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	37.2	26.6	40.0
277	24.9	19.8	29.6





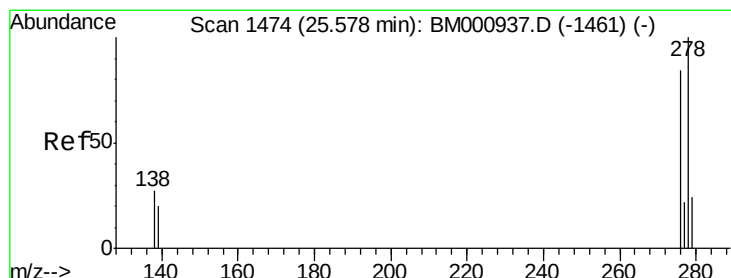
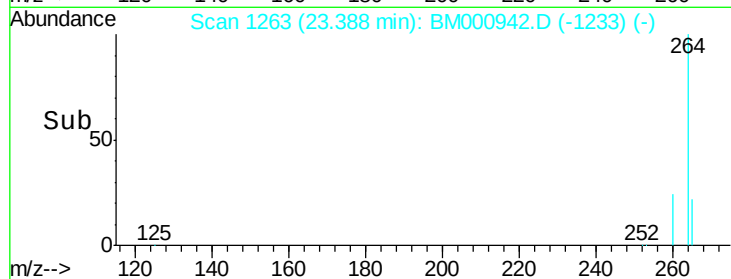
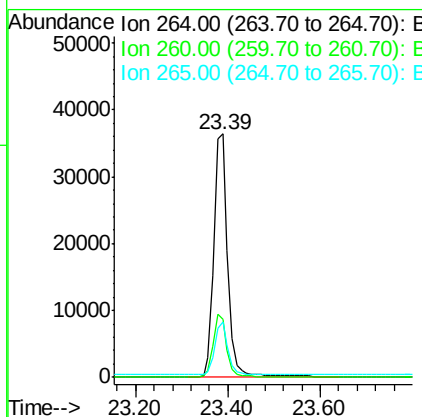
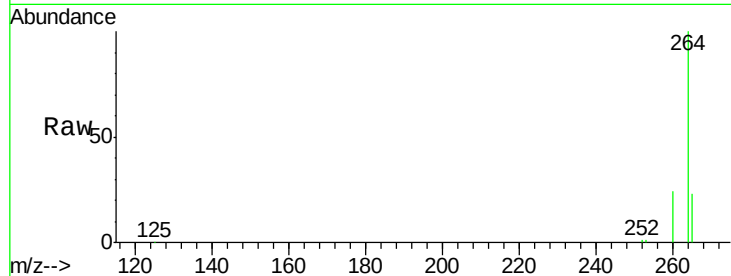
#38
Perylene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 1263
 Delta R.T. 0.01 min
 Lab File: BM000942.D
 Acq: 10 Apr 2015 16:50

Instrument :
 BNA_M
 ClientSampleId :
 LS-SW03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.6	30.8
265	22.8	16.4	24.6

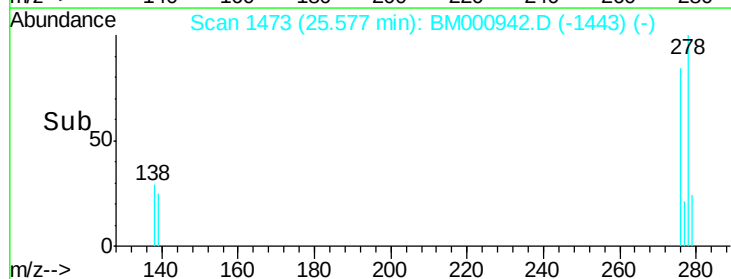
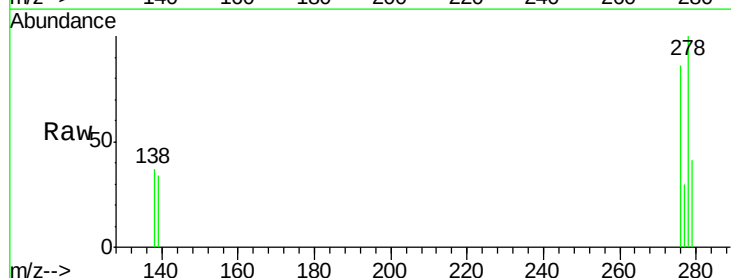
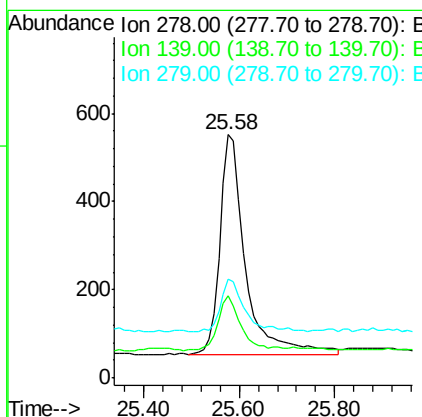
Manual Integrations
 APPROVED

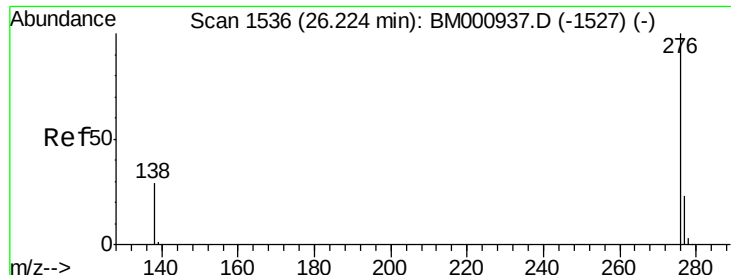
apatel
 4/13/2015 4:23:37 PM



#42
Dibenzo(a,h)anthracene
 Concen: 0.10 ng
 RT: 25.58 min Scan# 1473
 Delta R.T. 0.01 min
 Lab File: BM000942.D
 Acq: 10 Apr 2015 16:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.7	17.8	26.8#
279	40.6	19.0	28.6#





#43

Benzo(g,h,i)perylene

Concen: 0.05 ng

RT: 26.23 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BM000942.D

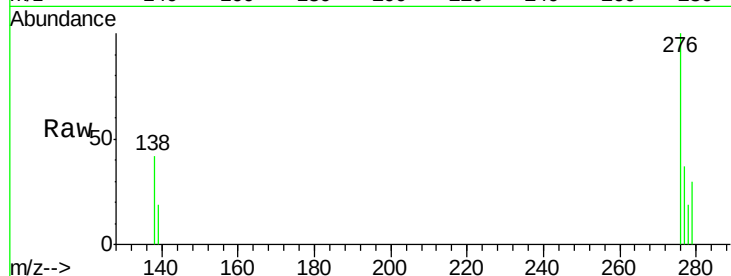
Acq: 10 Apr 2015 16:50

Instrument :

BNA_M

ClientSampleId :

LS-SW03



Tgt Ion: 276 Resp: 1069

Ion Ratio Lower Upper

276 100

277 37.2 19.4 29.0#

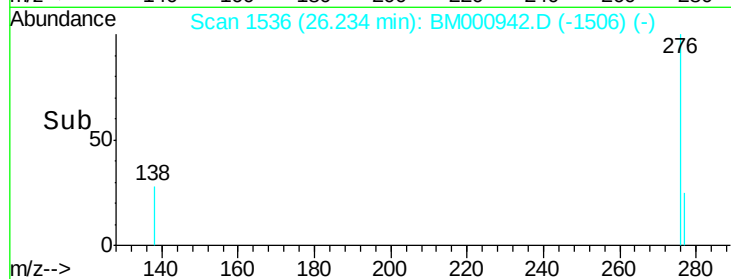
138 41.9 21.7 32.5#

Manual Integrations

APPROVED

apatel

4/13/2015 4:23:37 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

