

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050515\
 Data File : BM001213.D
 Acq On : 05 May 2015 17:28
 Operator : TP/IZ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

Manual Integrations
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 5/6/2015 1:53:34 PM

Quant Time: May 06 06:14:04 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 02:27:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	15048	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	59646	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	37385	5.00	ng	0.00
18) Phenanthrene-d10	16.92	188	71074	5.00	ng	-0.02
24) Chrysene-d12	21.14	240	79289	5.00	ng	0.00
30) Perylene-d12	23.28	264	63608	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.13	112	633	0.21	ng	0.02
5) Phenol-d6	6.72	99	739	0.20	ng	0.00
7) Nitrobenzene-d5	8.69	82	589	0.17	ng	0.01
13) 2,4,6-Tribromophenol	15.70	330	305	0.21	ng	0.00
14) 2-Fluorobiphenyl	12.81	172	2265	0.18	ng	0.00
26) Terphenyl-d14	19.58	244	2175	0.20	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.35	42	328	0.18	ng	# 3
8) Nitrobenzene	8.73	77	607	0.17	ng	96
9) Naphthalene	10.35	128	2631	0.20	ng	95
10) Hexachlorobutadiene	10.64	225	516	0.20	ng	97
11) 2-Methylnaphthalene	11.99	142	1771	0.20	ng	98
15) Acenaphthylene	13.91	152	2820	0.17	ng	100
16) Acenaphthene	14.26	154	1987	0.18	ng	99
17) Fluorene	15.24	166	2386	0.18	ng	97
19) Hexachlorobenzene	16.25	284	1032	0.27	ng	# 70
21) Phenanthrene	16.98	178	3315m	0.17	ng	
22) Anthracene	17.08	178	2988m	0.18	ng	
23) Fluoranthene	19.01	202	4524	0.23	ng	99
25) Pyrene	19.36	202	4762	0.19	ng	99
27) Benzo(a)anthracene	21.13	228	4296m	0.19	ng	
28) Chrysene	21.17	228	4435	0.20	ng	97
29) Indeno(1,2,3-cd)pyrene	25.42	276	3346	0.17	ng	99
31) Benzo(b)fluoranthene	22.65	252	4004	0.21	ng	# 91
32) Benzo(k)fluoranthene	22.69	252	3421	0.18	ng	# 90
33) Benzo(a)pyrene	23.19	252	3159	0.19	ng	# 90
34) Dibenzo(a,h)anthracene	25.43	278	2605	0.18	ng	# 88
35) Benzo(g,h,i)perylene	26.08	276	2777	0.18	ng	94

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

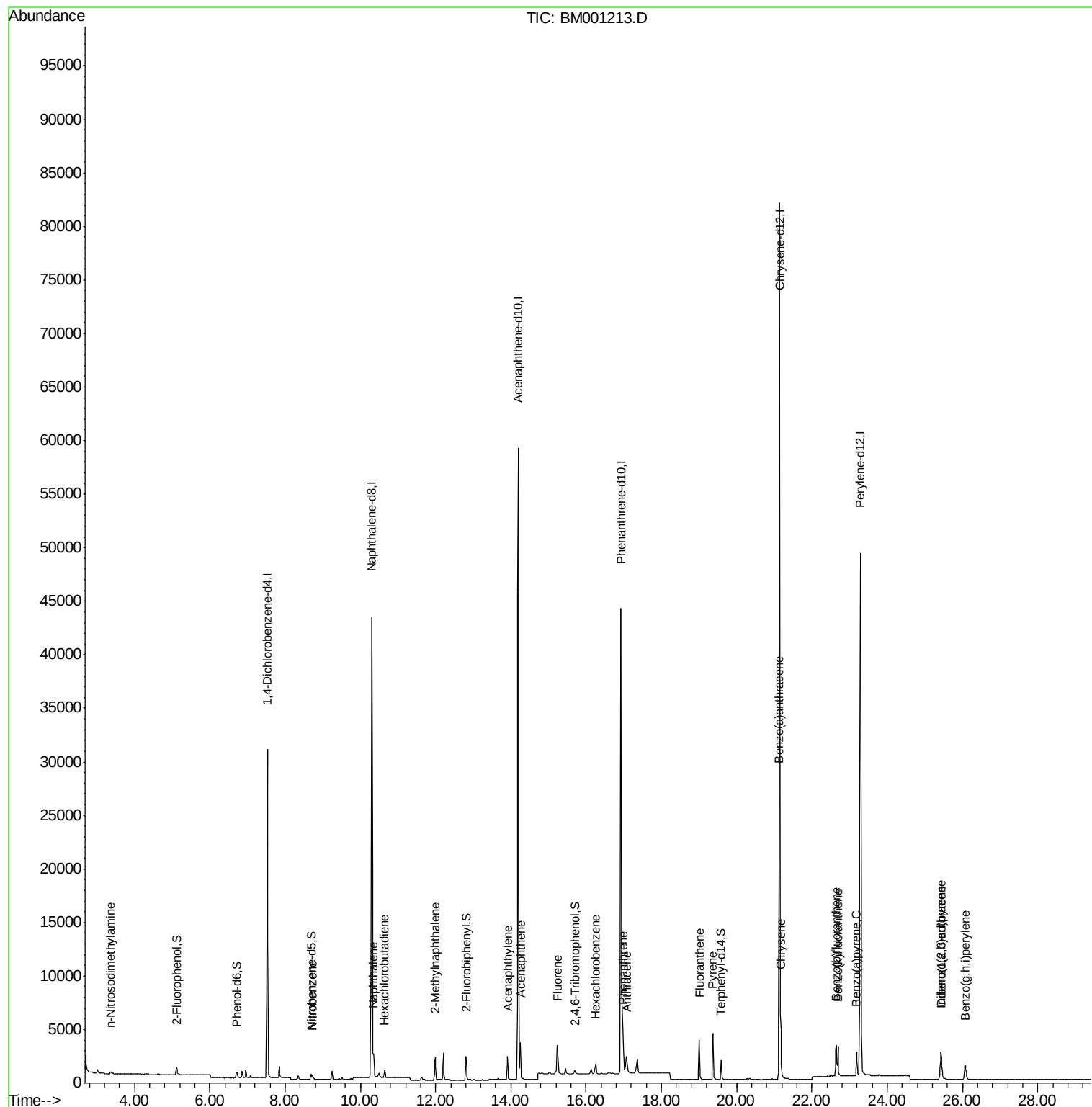
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050515\
Data File : BM001213.D
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ALS Vial : 8 Sample Multiplier: 1

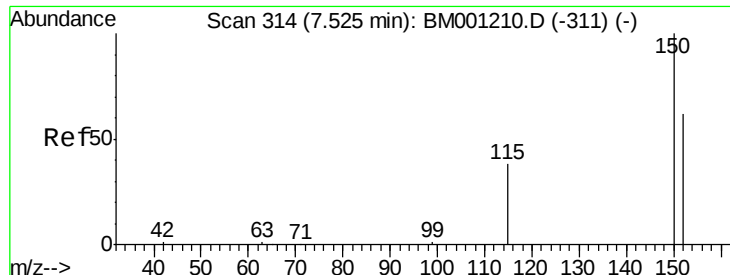
Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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Quant Time: May 06 06:14:04 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050515.M
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QLast Update : Wed May 06 02:27:20 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.53 min Scan# 314

Delta R.T. 0.00 min

Lab File: BM001213.D

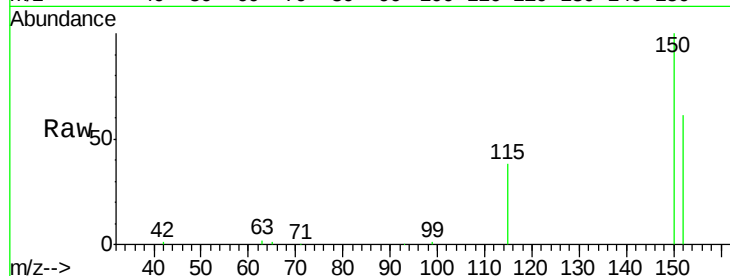
Acq: 05 May 2015 17:28

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2



Tgt Ion:152 Resp: 15048

Ion Ratio Lower Upper

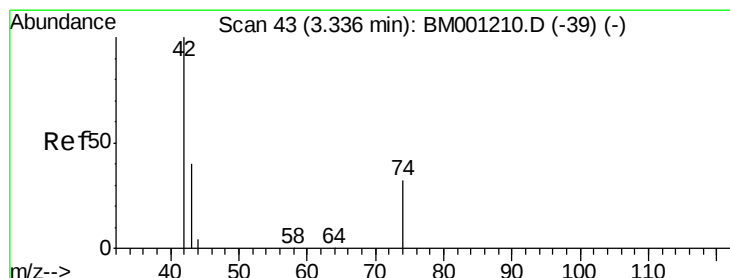
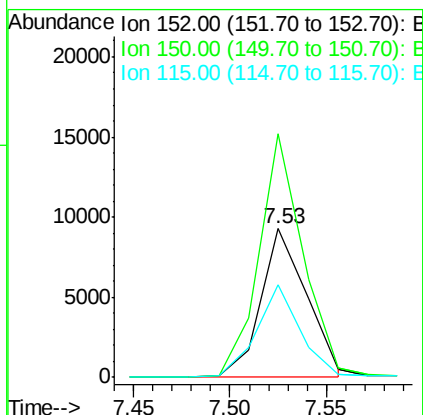
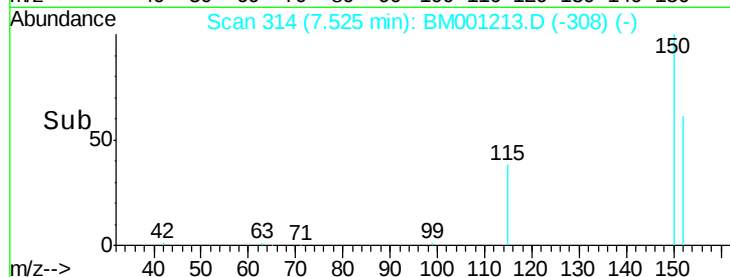
152 100

150 163.7 129.4 194.0

115 62.3 49.5 74.3

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#3

n-Nitrosodimethylamine

Concen: 0.18 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.02 min

Lab File: BM001213.D

Acq: 05 May 2015 17:28

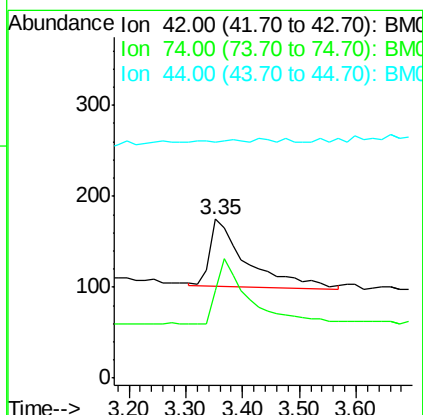
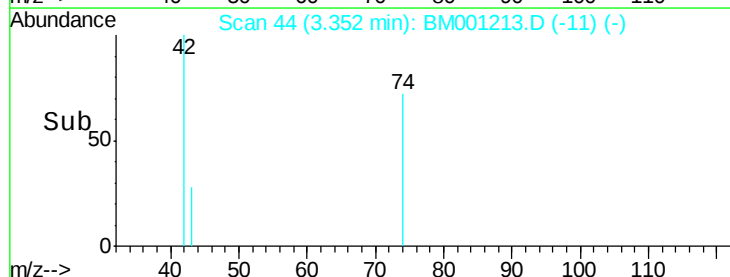
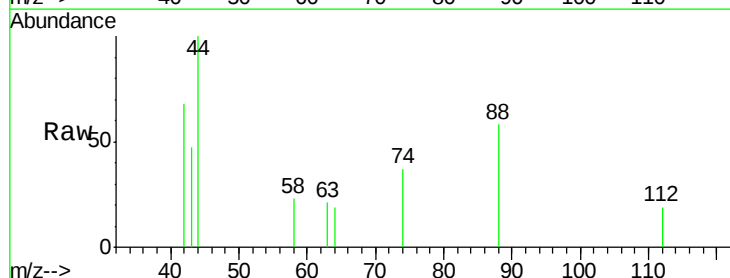
Tgt Ion: 42 Resp: 328

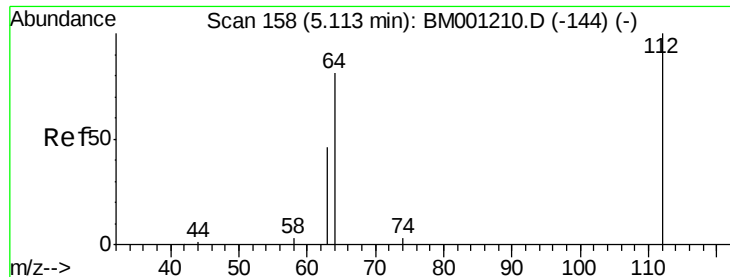
Ion Ratio Lower Upper

42 100

74 0.0 84.5 126.7#

44 0.0 6.2 9.2#





#4

2-Fluorophenol

Concen: 0.21 ng

RT: 5.13 min Scan# 159

Delta R.T. 0.02 min

Lab File: BM001213.D

Acq: 05 May 2015 17:28

Instrument :

BNA_M

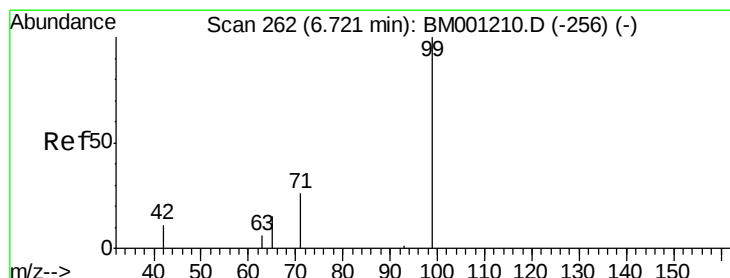
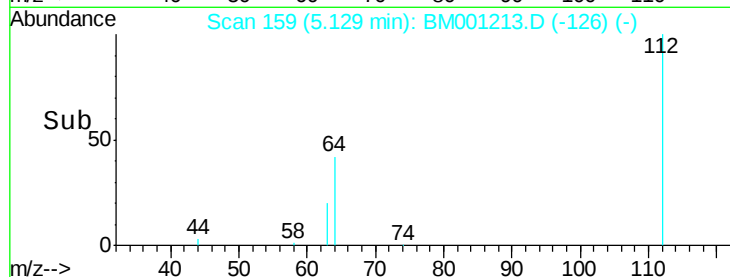
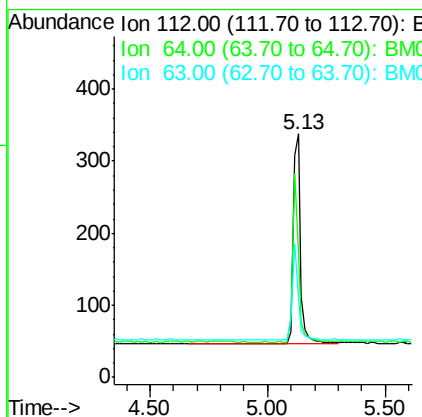
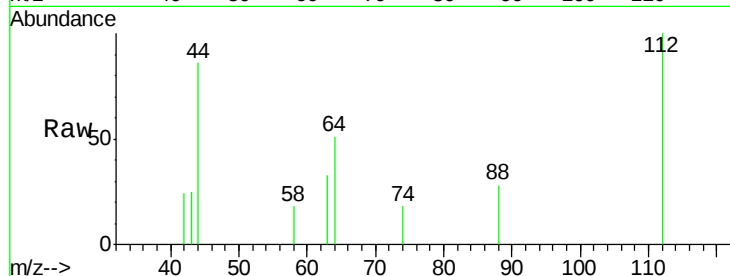
ClientSampleId :

SSTDICC0.2

Tgt Ion:	112	Resp:	633
Ion Ratio	Lower	Upper	
112	100		
64	66.8	51.0	76.4
63	36.2	28.8	43.2

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#5

Phenol-d6

Concen: 0.20 ng

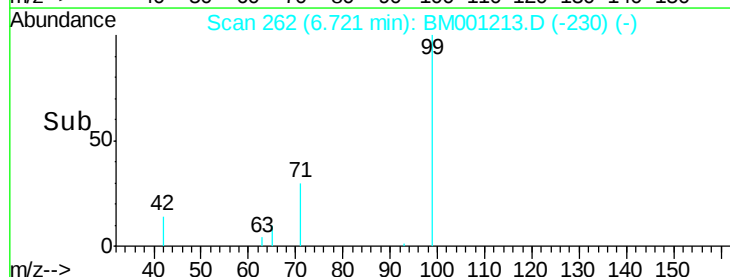
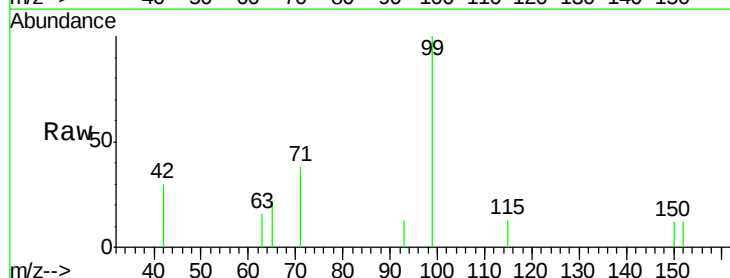
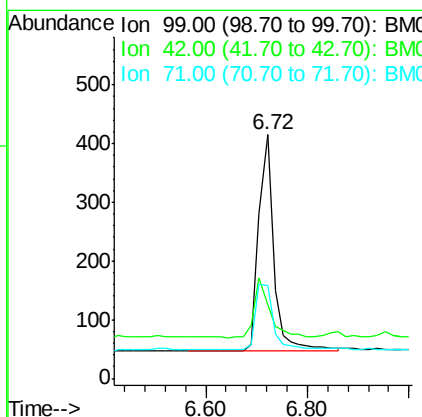
RT: 6.72 min Scan# 262

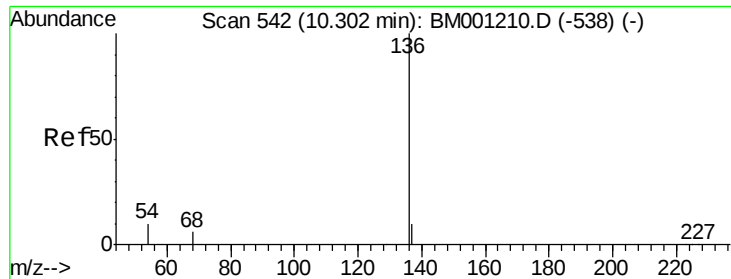
Delta R.T. 0.00 min

Lab File: BM001213.D

Acq: 05 May 2015 17:28

Tgt Ion:	99	Resp:	739
Ion Ratio	Lower	Upper	
99	100		
42	28.8	19.9	29.9
71	35.9	27.8	41.6





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 542

Delta R.T. 0.00 min

Lab File: BM001213.D

Acq: 05 May 2015 17:28

Instrument :

BNA_M

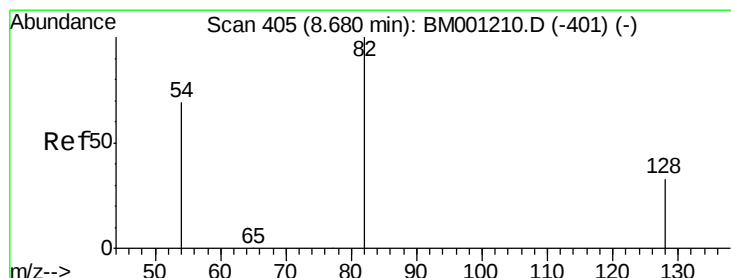
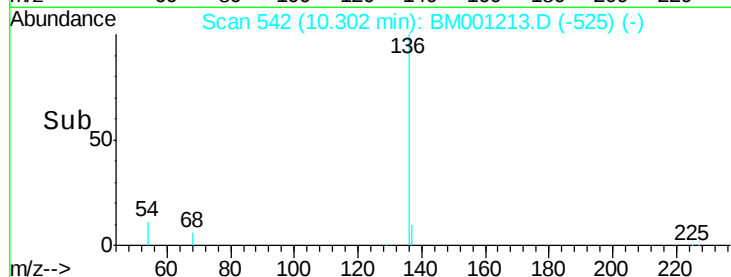
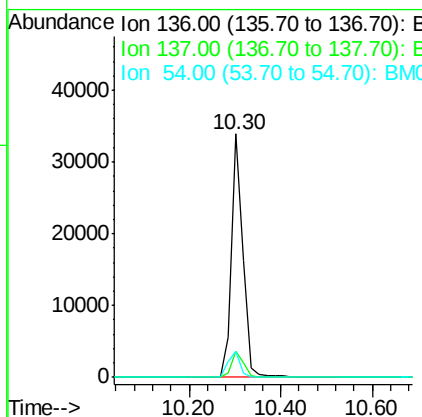
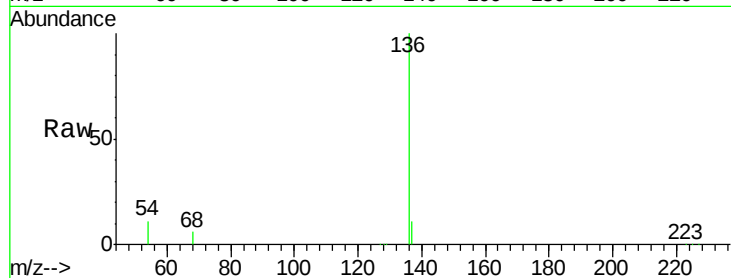
ClientSampleId :

SSTDIC0.2

Tgt Ion:	136	Resp:	59646
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.4	12.6
54	10.8	8.3	12.5

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#7

Nitrobenzene-d5

Concen: 0.17 ng

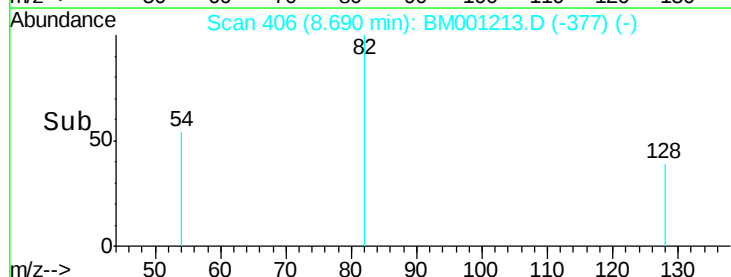
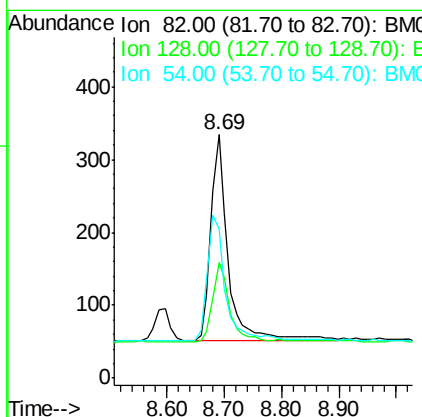
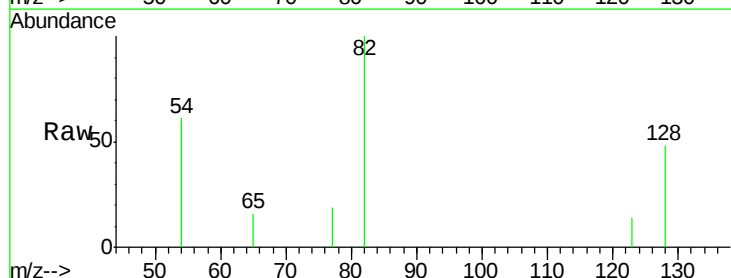
RT: 8.69 min Scan# 406

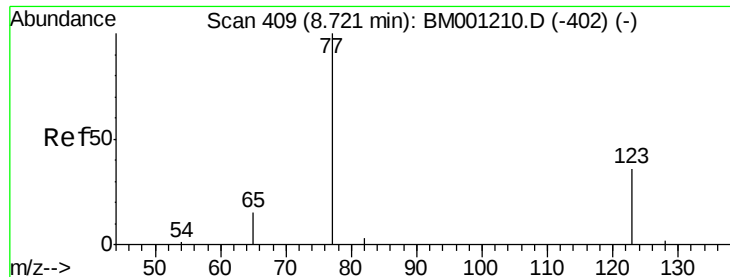
Delta R.T. 0.01 min

Lab File: BM001213.D

Acq: 05 May 2015 17:28

Tgt Ion:	82	Resp:	589
Ion Ratio	Lower	Upper	
82	100		
128	47.6	27.8	41.6#
54	61.4	56.0	84.0





#8

Nitrobenzene

Concen: 0.17 ng

RT: 8.73 min Scan# 410

Delta R.T. 0.01 min

Lab File: BM001213.D

Acq: 05 May 2015 17:28

Instrument :

BNA_M

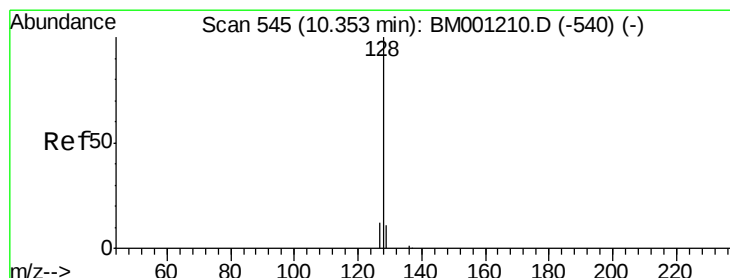
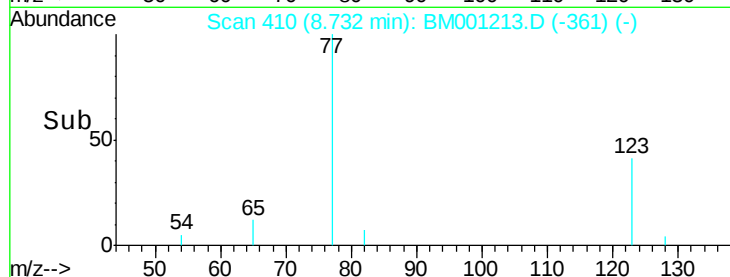
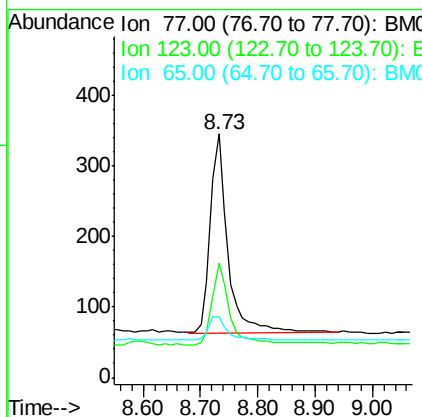
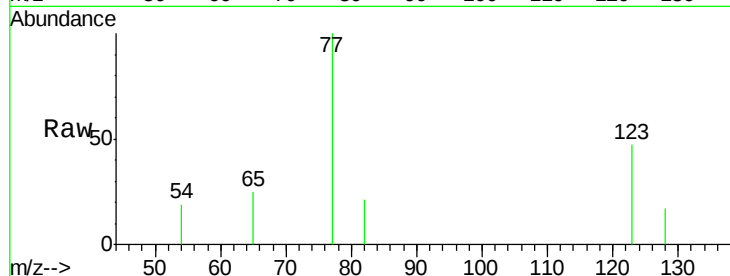
ClientSampleId :

SSTDIC0.2

Tgt Ion:	77	Resp:	607
Ion	Ratio	Lower	Upper
77	100		
123	39.7	33.9	50.9
65	13.7	11.4	17.2

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#9

Naphthalene

Concen: 0.20 ng

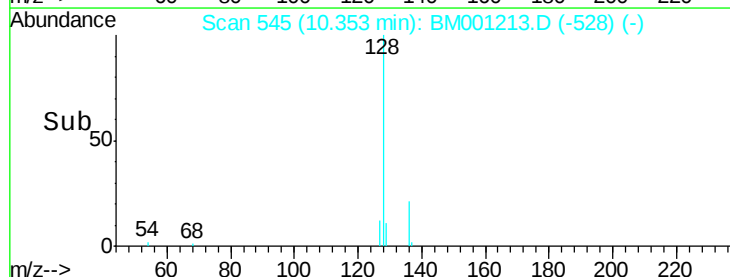
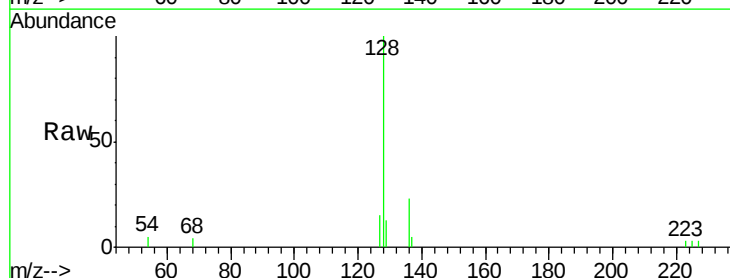
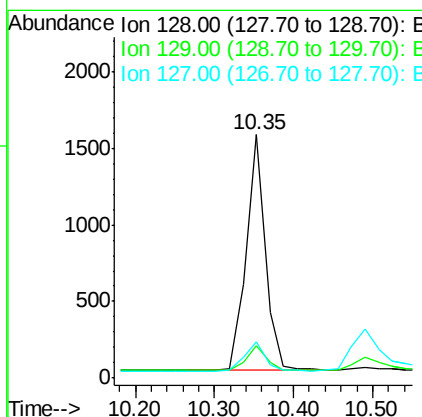
RT: 10.35 min Scan# 545

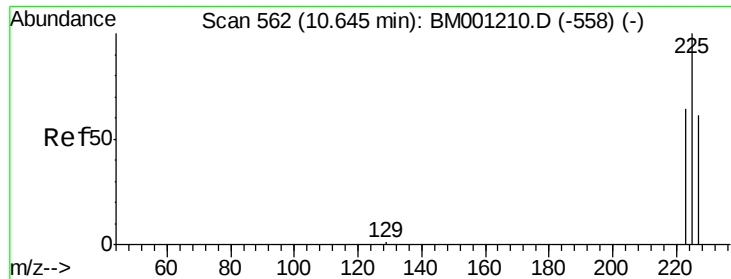
Delta R.T. 0.00 min

Lab File: BM001213.D

Acq: 05 May 2015 17:28

Tgt Ion:	128	Resp:	2631
Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.2	13.8
127	14.7	10.2	15.4





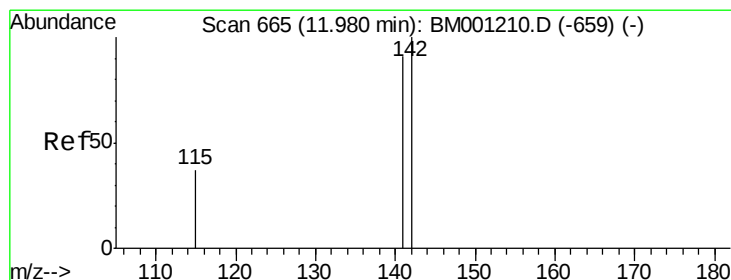
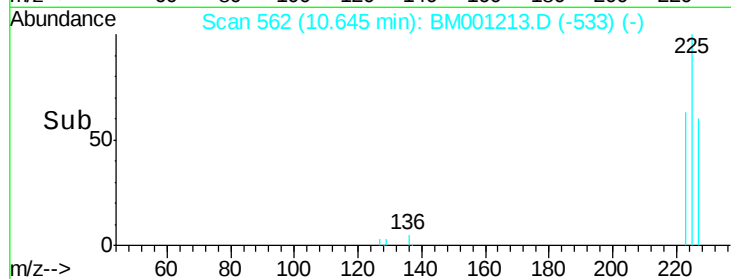
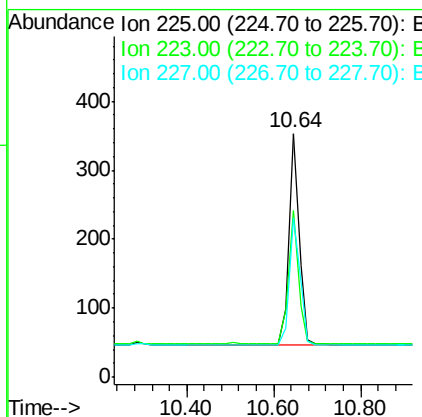
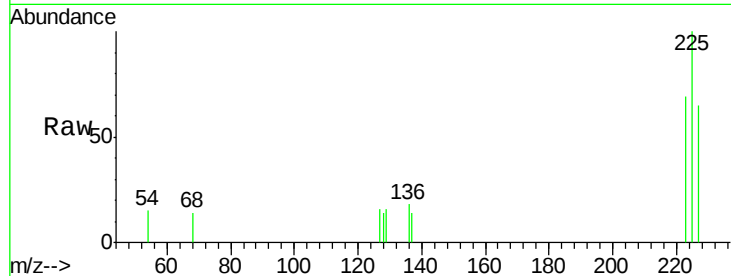
#10
Hexachlorobutadiene
Concen: 0.20 ng
RT: 10.64 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM001213.D
Acq: 05 May 2015 17:28

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	516		
223	62.4		51.0	76.6
227	61.8		51.7	77.5

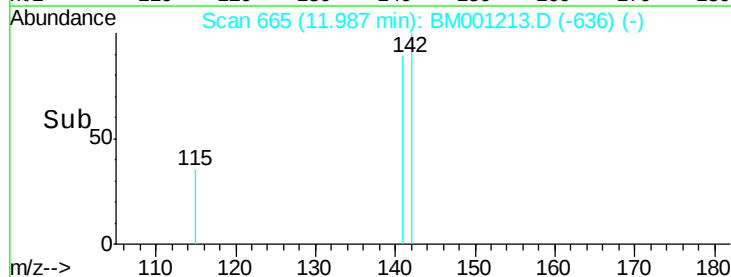
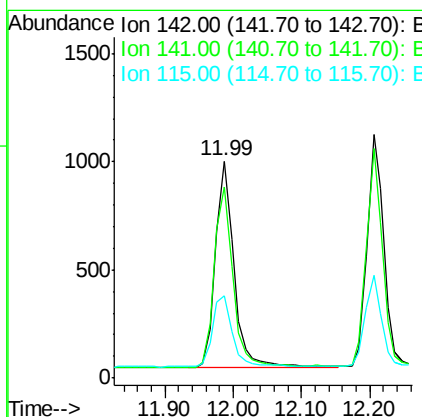
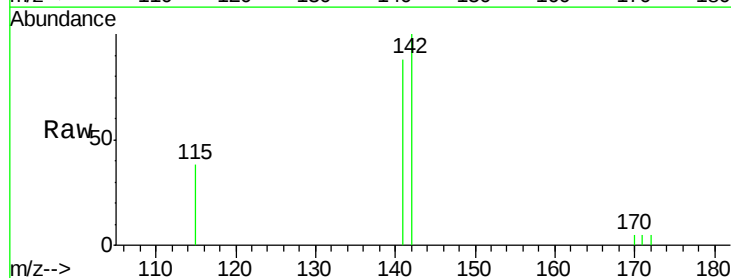
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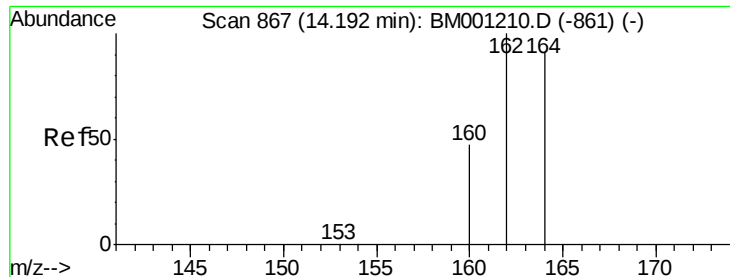
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#11
2-Methylnaphthalene
Concen: 0.20 ng
RT: 11.99 min Scan# 665
Delta R.T. 0.01 min
Lab File: BM001213.D
Acq: 05 May 2015 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	1771		
141	88.2		72.5	108.7
115	38.0		30.3	45.5





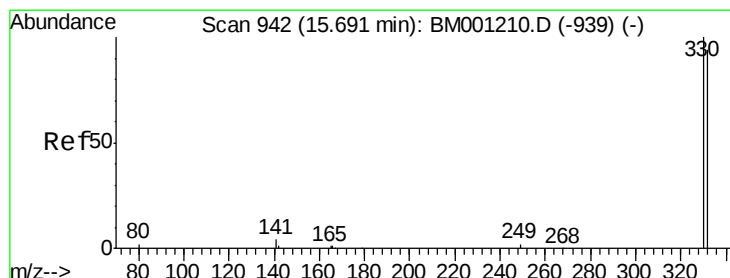
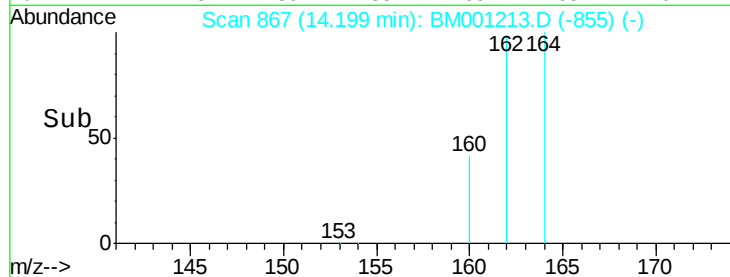
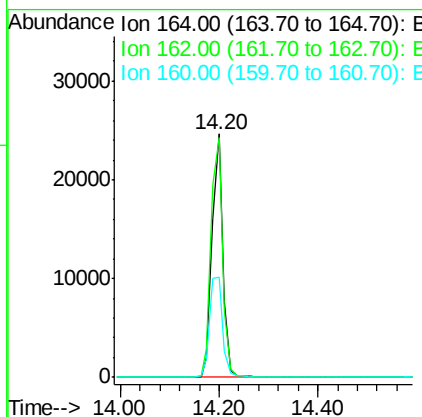
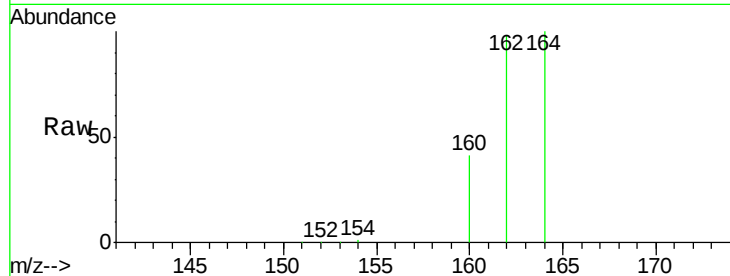
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 867
Delta R.T. 0.01 min
Lab File: BM001213.D
Acq: 05 May 2015 17:28

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

Tgt Ion:164 Resp: 37385
Ion Ratio Lower Upper
164 100
162 98.3 87.8 131.8
160 41.2 41.2 61.8

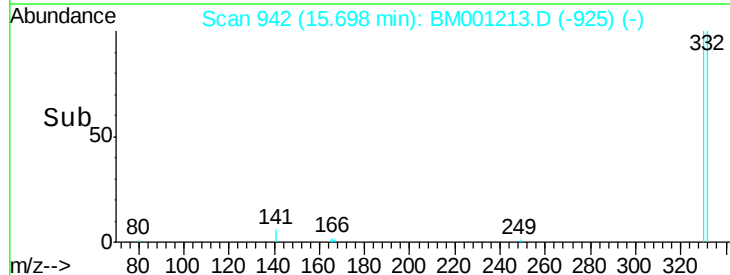
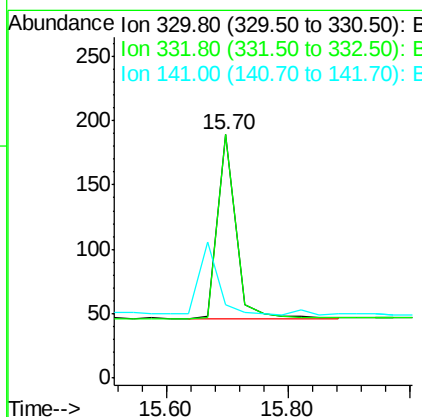
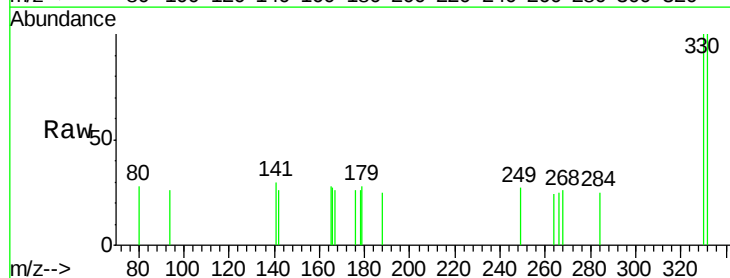
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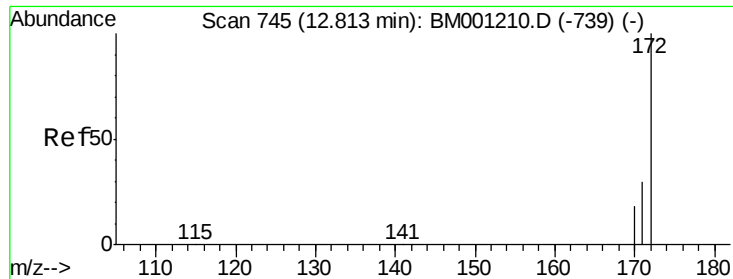
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#13
2,4,6-Tribromophenol
Concen: 0.21 ng
RT: 15.70 min Scan# 942
Delta R.T. 0.01 min
Lab File: BM001213.D
Acq: 05 May 2015 17:28

Tgt Ion:330 Resp: 305
Ion Ratio Lower Upper
330 100
332 98.0 75.4 113.2
141 0.0 0.0 0.0





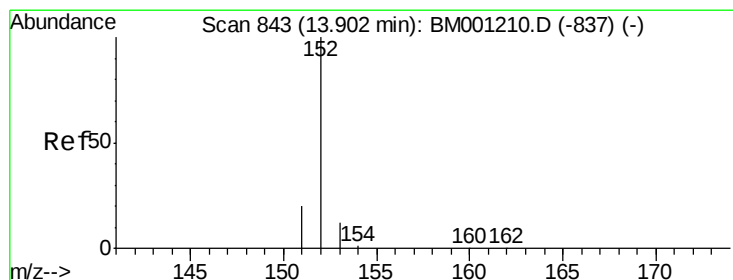
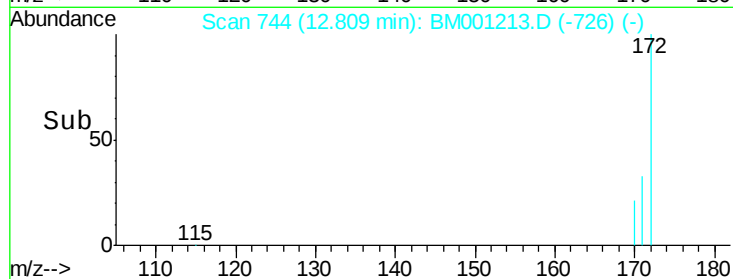
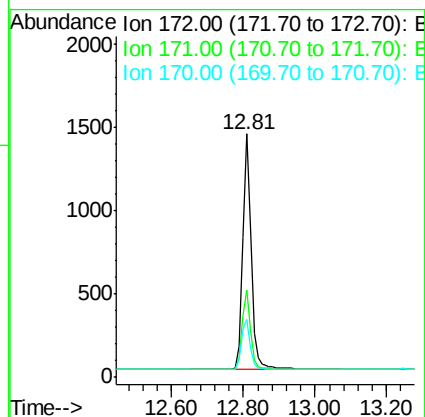
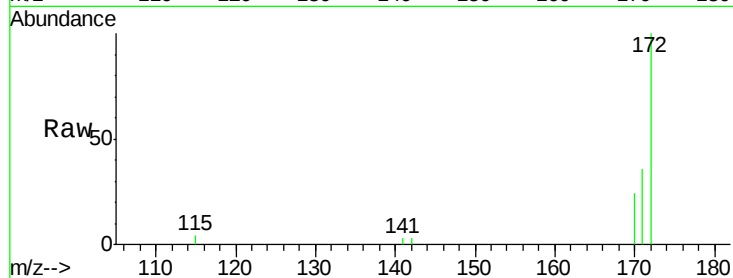
#14
2-Fluorobiphenyl
Concen: 0.18 ng
RT: 12.81 min Scan# 744
Delta R.T. -0.00 min
Lab File: BM001213.D
Acq: 05 May 2015 17:28

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	24.6	37.0
170	23.6	14.5	21.7

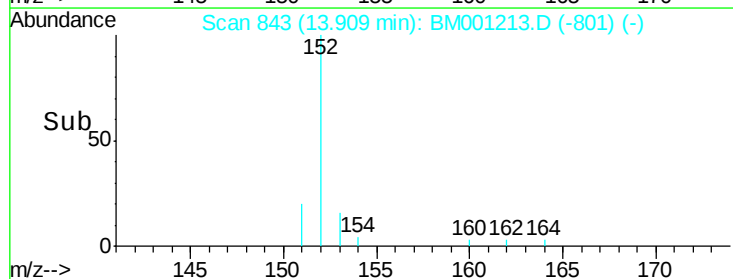
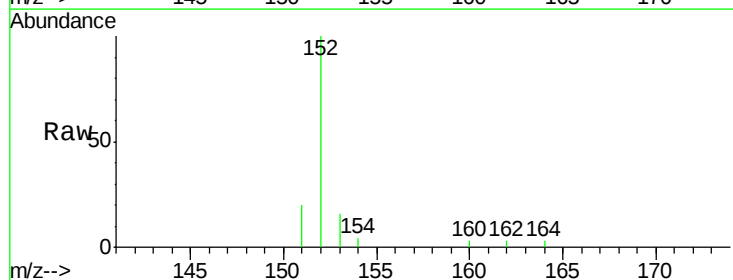
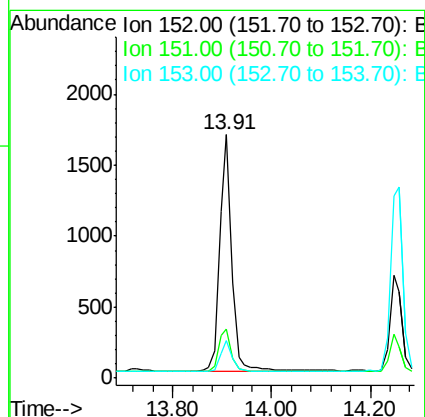
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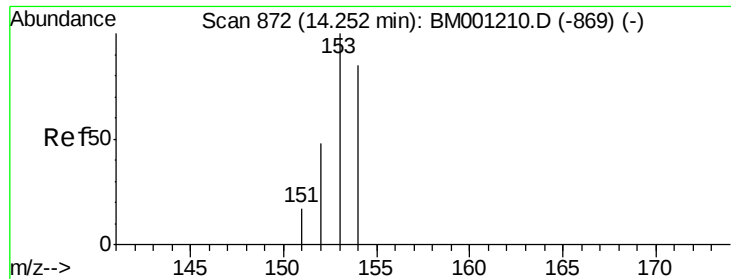
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#15
Acenaphthylene
Concen: 0.17 ng
RT: 13.91 min Scan# 843
Delta R.T. 0.01 min
Lab File: BM001213.D
Acq: 05 May 2015 17:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.0	22.6
153	12.9	10.3	15.5





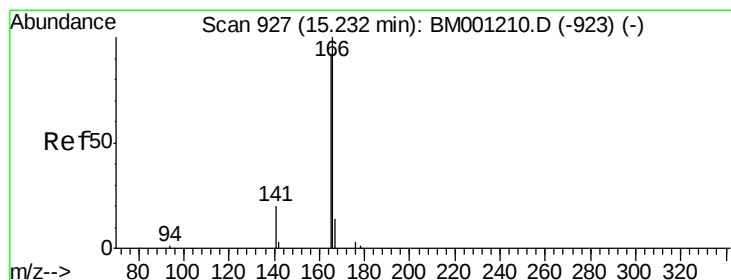
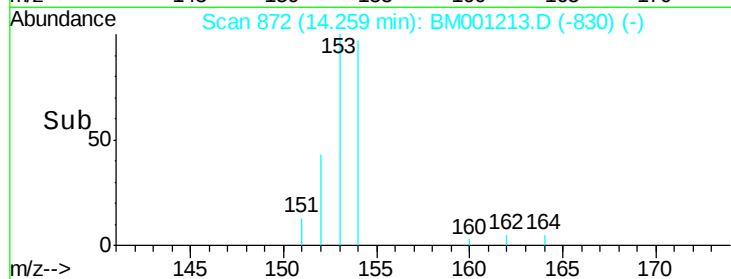
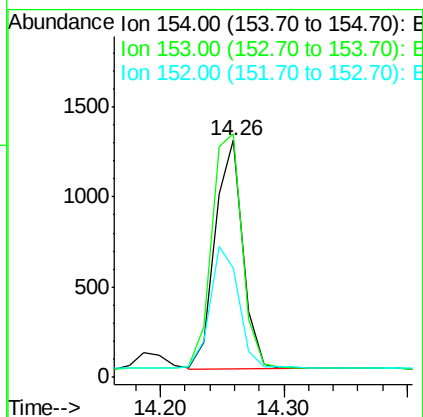
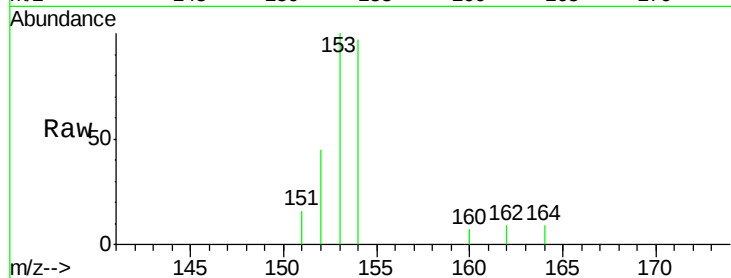
#16
Acenaphthene
Concen: 0.18 ng
RT: 14.26 min Scan# 872
Delta R.T. 0.01 min
Lab File: BM001213.D
Acq: 05 May 2015 17:28

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.0	136.6
152	55.6	43.4	65.0

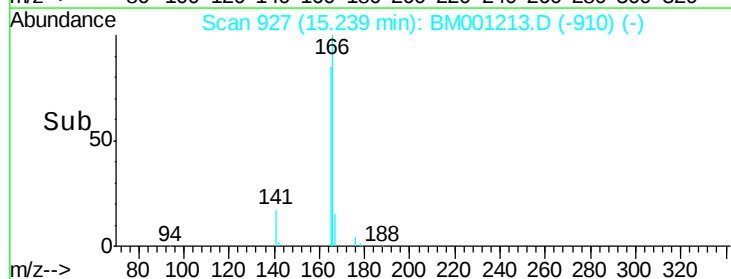
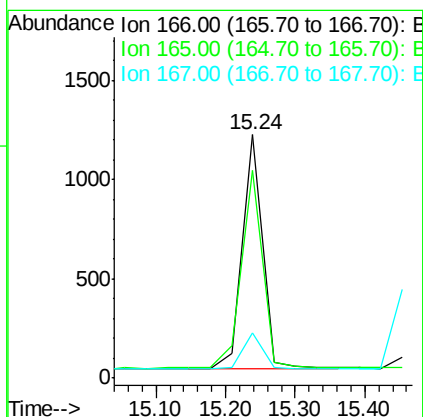
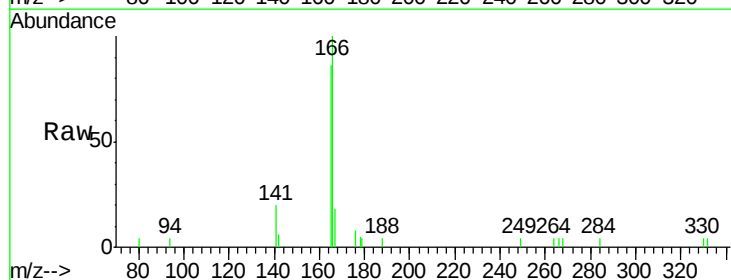
Manual Integrations
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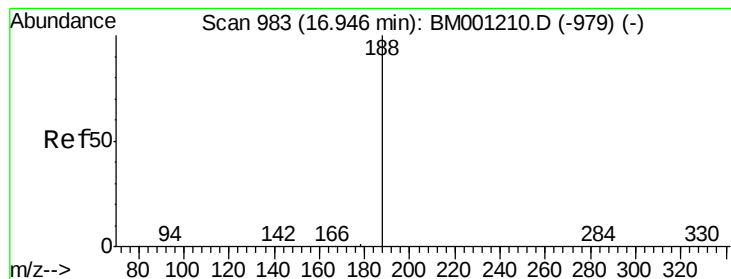
apatel
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#17
Fluorene
Concen: 0.18 ng
RT: 15.24 min Scan# 927
Delta R.T. 0.01 min
Lab File: BM001213.D
Acq: 05 May 2015 17:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	90.1	74.2	111.2
167	14.7	10.8	16.2





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.92 min Scan# 982

Delta R.T. -0.02 min

Lab File: BM001213.D

Acq: 05 May 2015 17:28

Instrument :

BNA_M

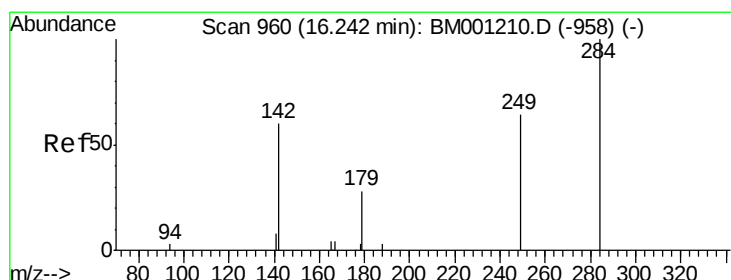
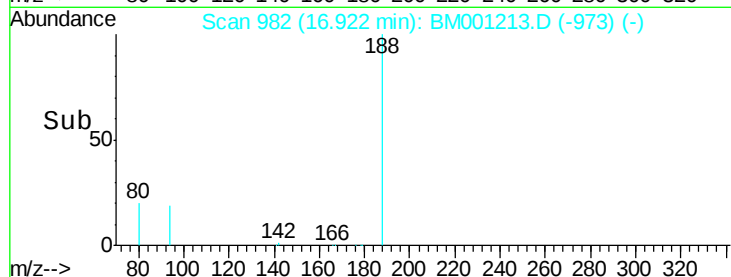
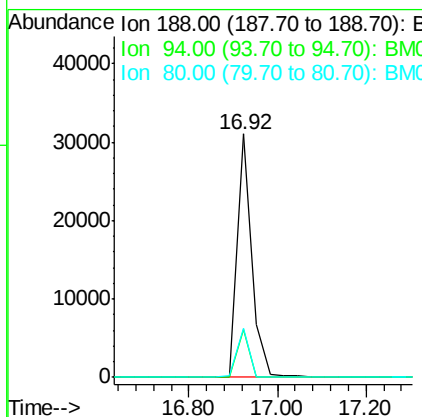
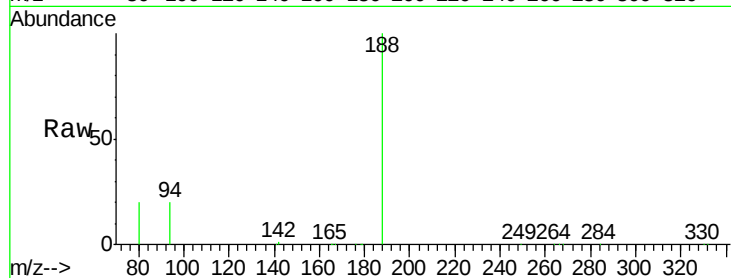
ClientSampleId :

SSTDIC0.2

Tgt Ion:	188	Resp:	71074
Ion Ratio	Lower	Upper	
188	100		
94	19.6	0.6	0.8#
80	20.0	0.6	0.8#

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#19

Hexachlorobenzene

Concen: 0.27 ng

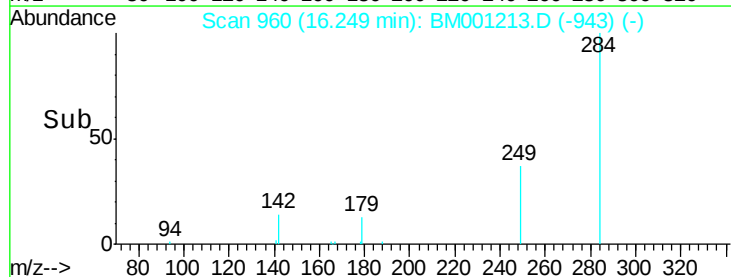
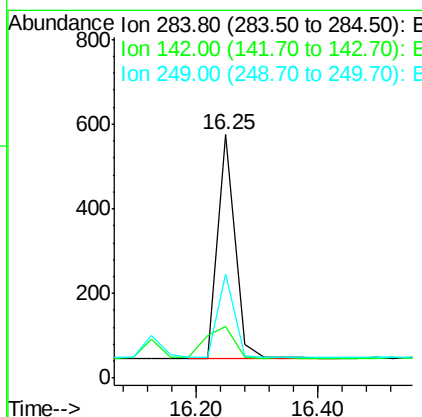
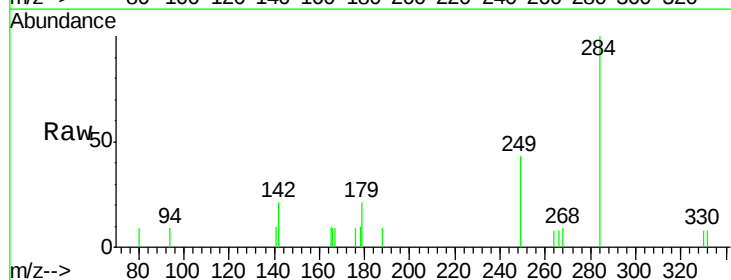
RT: 16.25 min Scan# 960

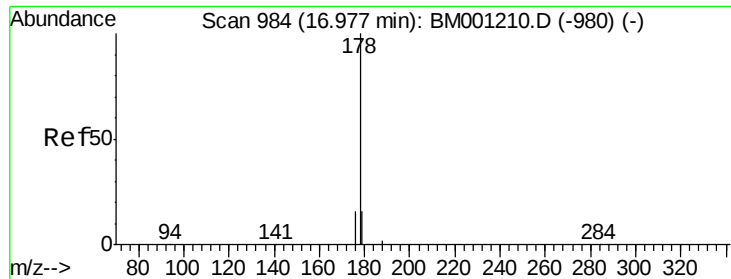
Delta R.T. 0.01 min

Lab File: BM001213.D

Acq: 05 May 2015 17:28

Tgt Ion:	284	Resp:	1032
Ion Ratio	Lower	Upper	
284	100		
142	24.4	40.2	60.4#
249	36.3	41.4	62.0#





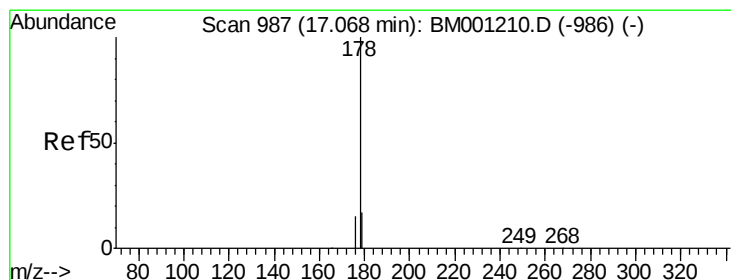
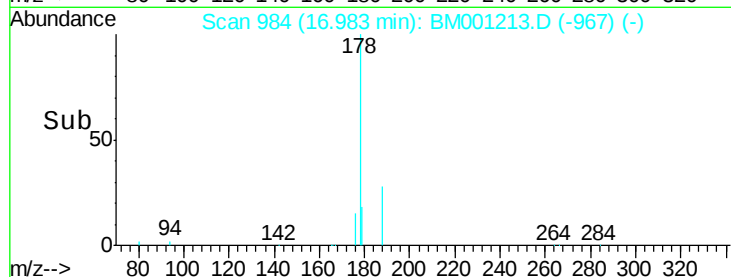
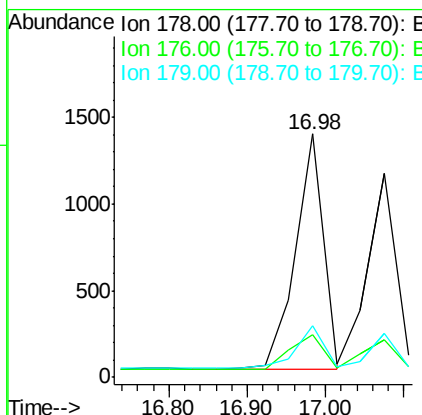
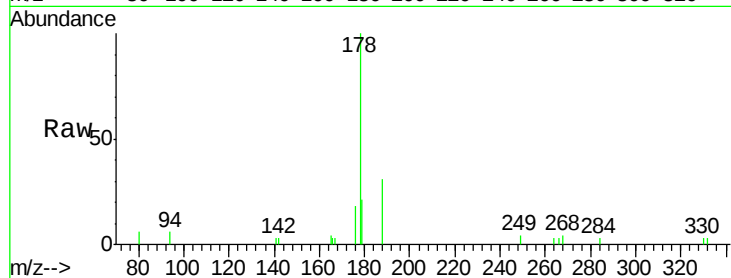
#21
Phenanthrene
Concen: 0.17 ng m
RT: 16.98 min Scan# 984
Delta R.T. 0.01 min
Lab File: BM001213.D
Acq: 05 May 2015 17:28

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.4	13.8	20.6
179	19.8	13.1	19.7#

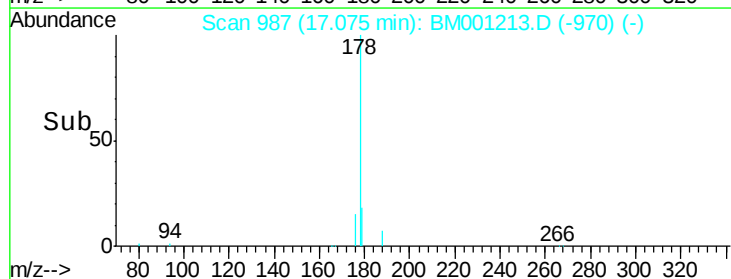
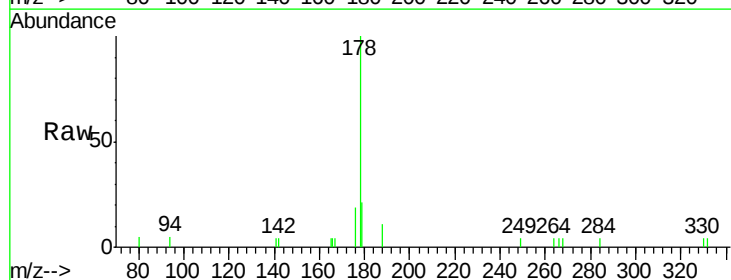
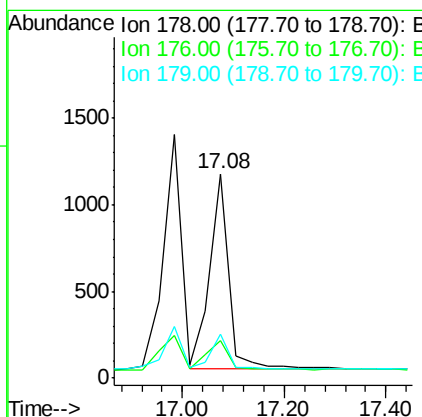
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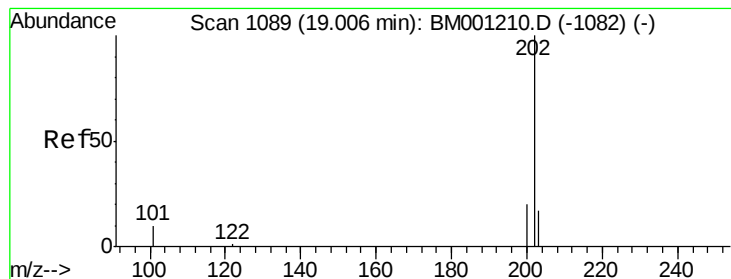
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#22
Anthracene
Concen: 0.18 ng m
RT: 17.08 min Scan# 987
Delta R.T. 0.01 min
Lab File: BM001213.D
Acq: 05 May 2015 17:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	12.6	18.8#
179	22.0	13.4	20.0#





#23

Fluoranthene

Concen: 0.23 ng

RT: 19.01 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BM001213.D

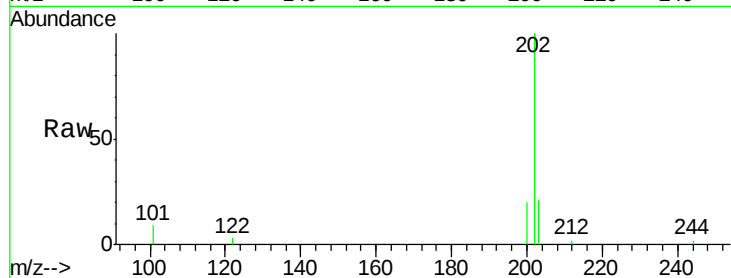
Acq: 05 May 2015 17:28

Instrument :

BNA_M

ClientSampleId :

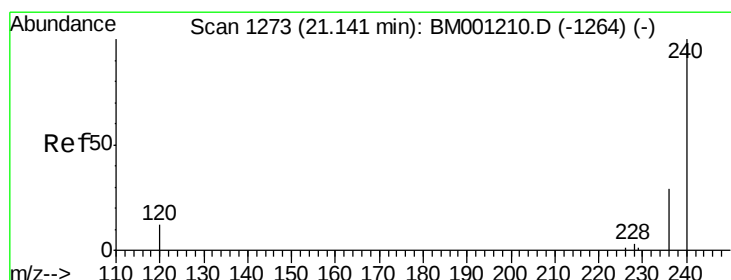
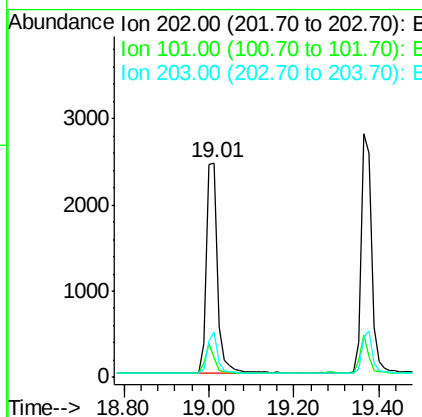
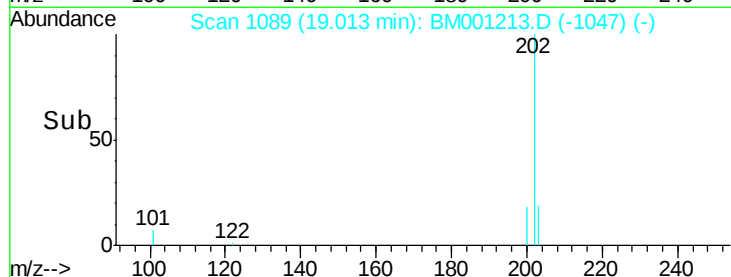
SSTDICC0.2



Tgt Ion:	202	Resp:	4524
Ion Ratio	Lower	Upper	
202	100		
101	11.2	9.0	13.6
203	17.4	13.6	20.4

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#24

Chrysene-d12

Concen: 5.00 ng

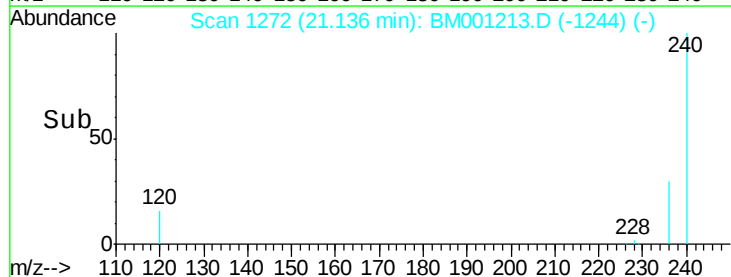
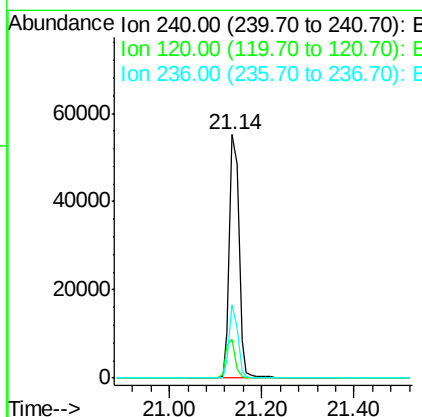
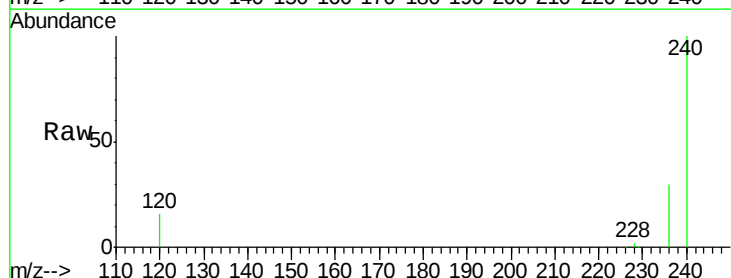
RT: 21.14 min Scan# 1272

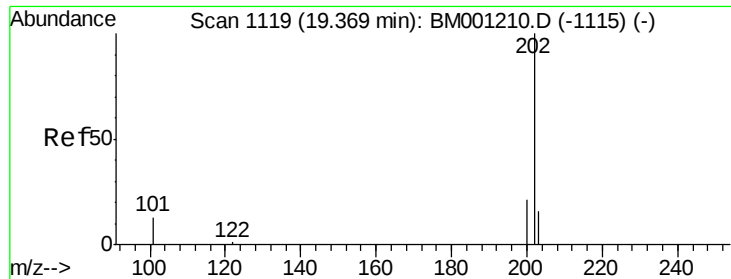
Delta R.T. -0.01 min

Lab File: BM001213.D

Acq: 05 May 2015 17:28

Tgt Ion:	240	Resp:	79289
Ion Ratio	Lower	Upper	
240	100		
120	16.2	9.6	14.4#
236	30.3	22.9	34.3





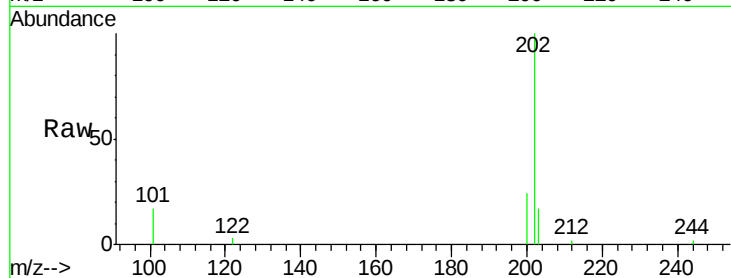
#25
Pyrene
Concen: 0.19 ng
RT: 19.36 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BM001213.D
Acq: 05 May 2015 17:28

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

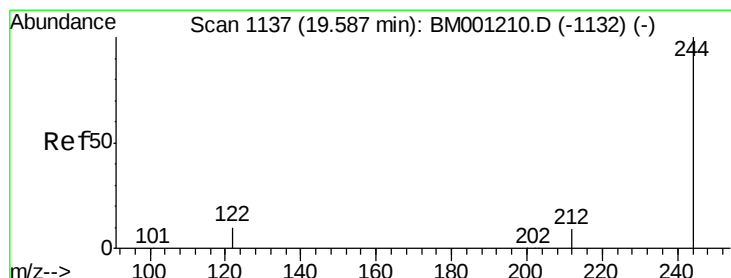
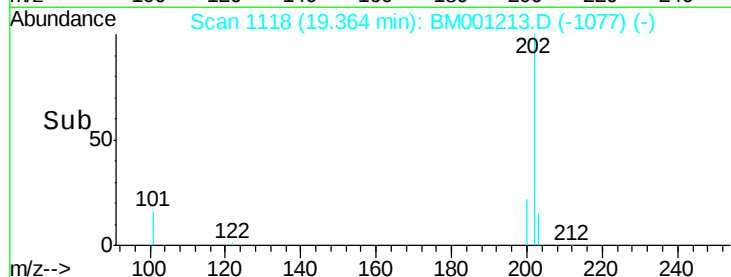
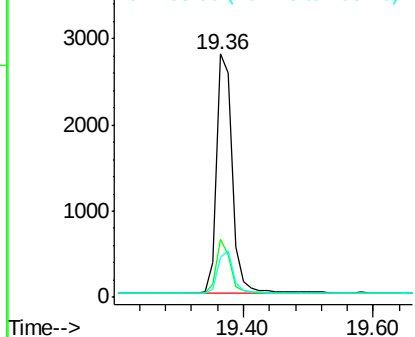
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.9	13.8	20.8

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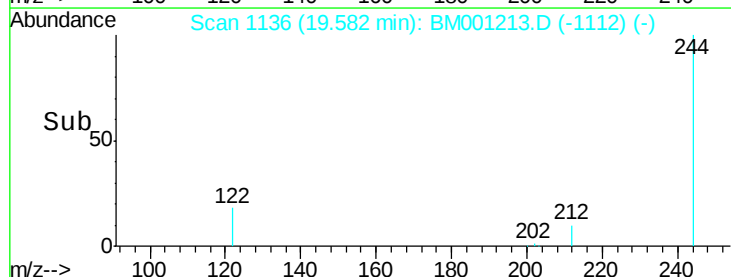
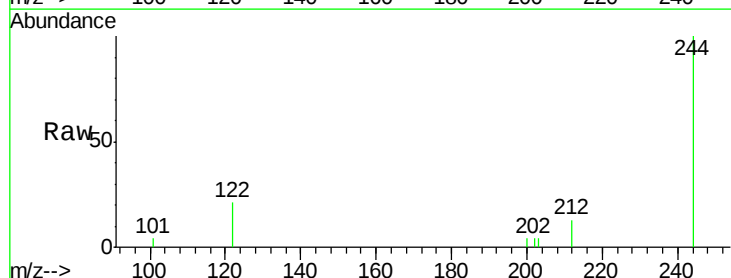
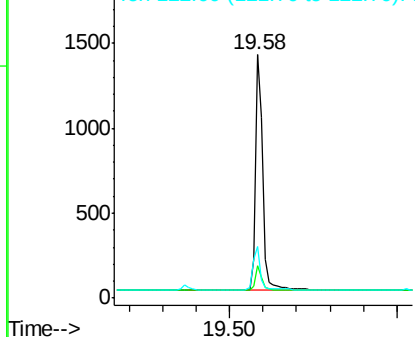
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

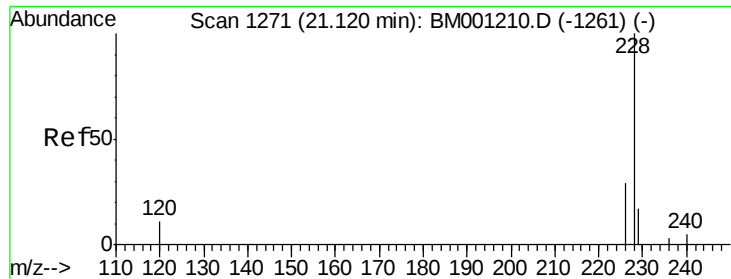


#26
Terphenyl-d14
Concen: 0.20 ng
RT: 19.58 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BM001213.D
Acq: 05 May 2015 17:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	13.2	7.4	11.0#
122	21.2	8.2	12.4#

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





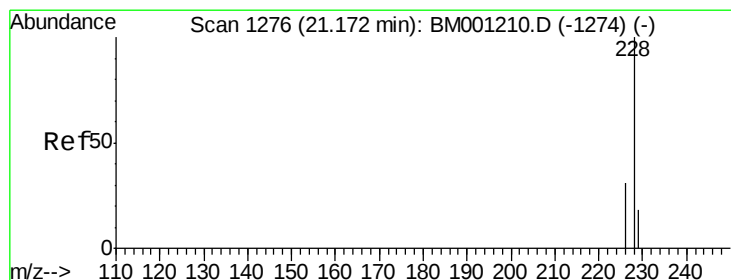
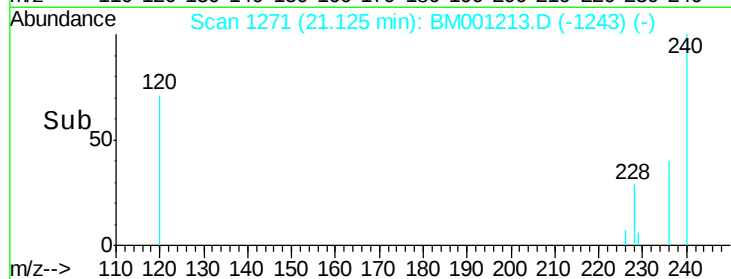
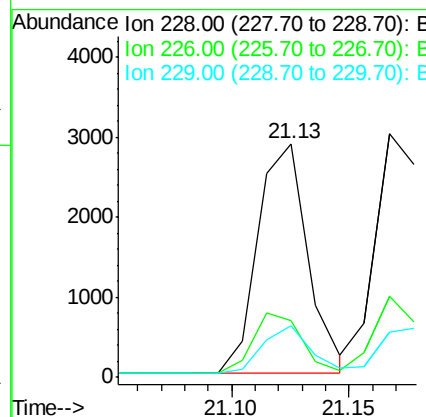
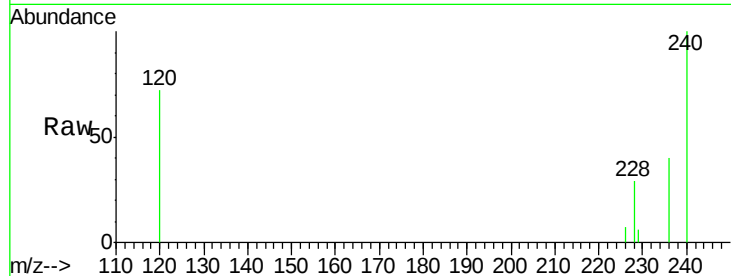
#27
Benzo(a)anthracene
Concen: 0.19 ng m
RT: 21.13 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BM001213.D
Acq: 05 May 2015 17:28

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

Tgt Ion	Ratio	Lower	Upper
228	100		
226	24.1	23.0	34.6
229	22.2	14.1	21.1

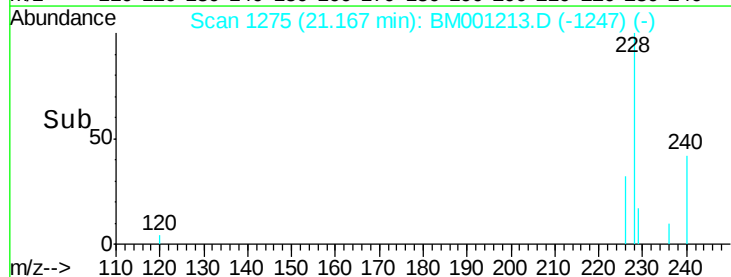
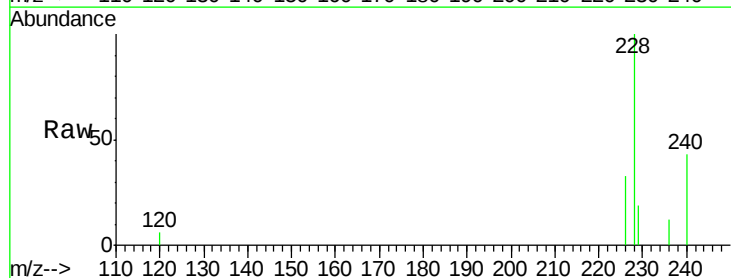
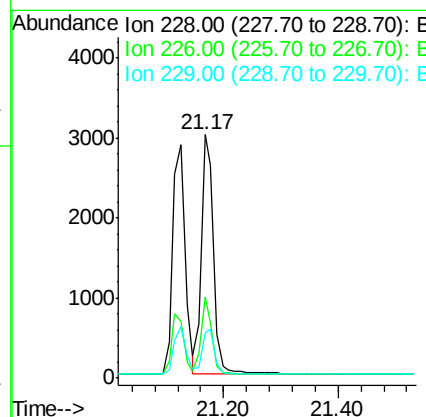
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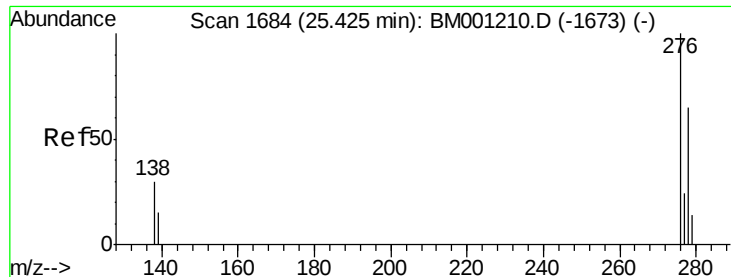
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#28
Chrysene
Concen: 0.20 ng
RT: 21.17 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BM001213.D
Acq: 05 May 2015 17:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.9	37.3
229	18.8	14.4	21.6





#29

Indeno(1,2,3-cd)pyrene

Concen: 0.17 ng

RT: 25.42 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BM001213.D

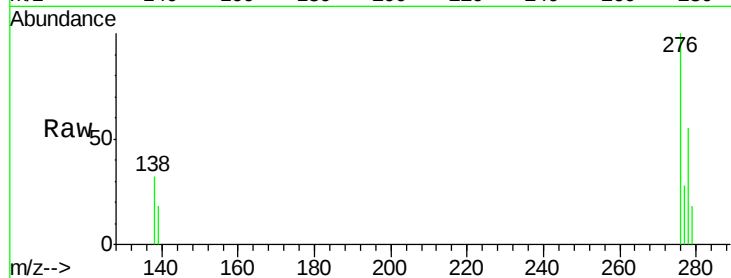
Acq: 05 May 2015 17:28

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2



Tgt Ion: 276 Resp: 3346

Ion Ratio Lower Upper

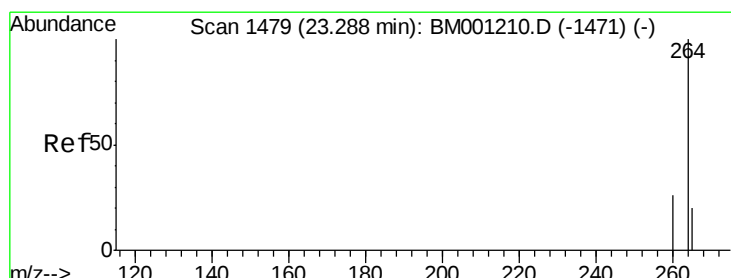
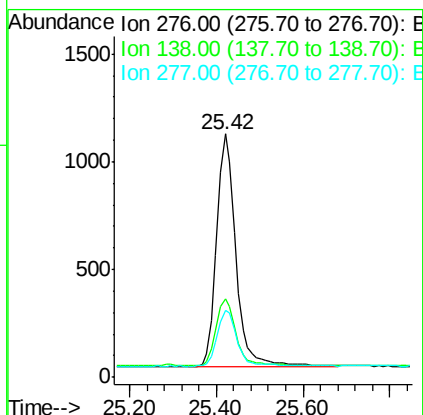
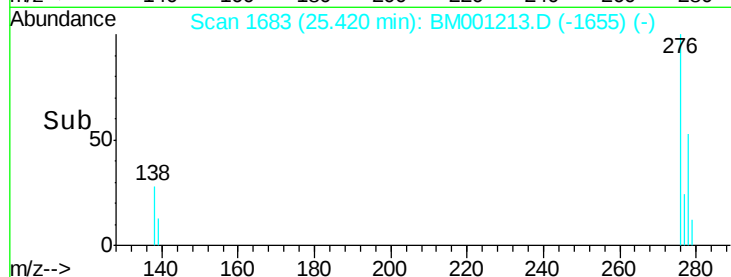
276 100

138 29.6 24.3 36.5

277 24.4 19.6 29.4

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#30

Perylene-d12

Concen: 5.00 ng

RT: 23.28 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BM001213.D

Acq: 05 May 2015 17:28

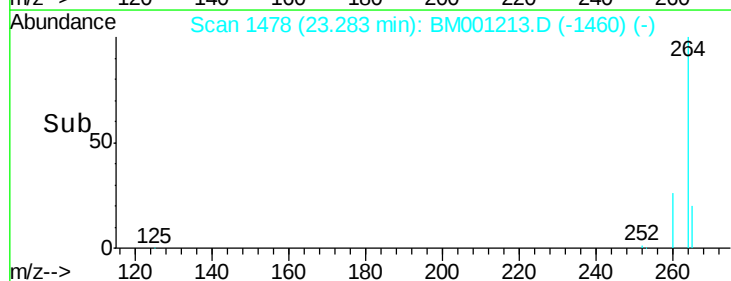
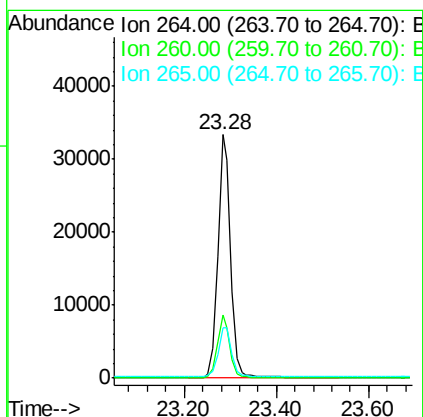
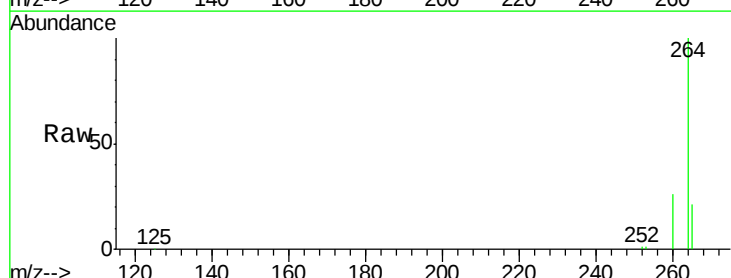
Tgt Ion: 264 Resp: 63608

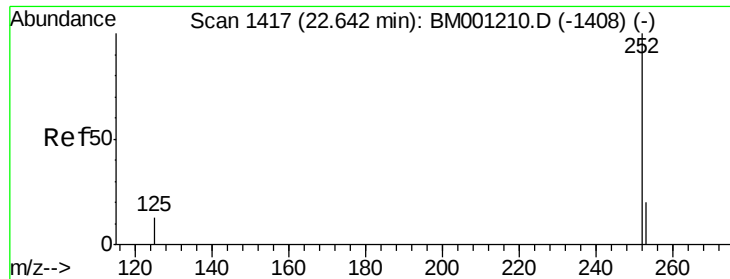
Ion Ratio Lower Upper

264 100

260 26.1 20.5 30.7

265 20.5 16.8 25.2





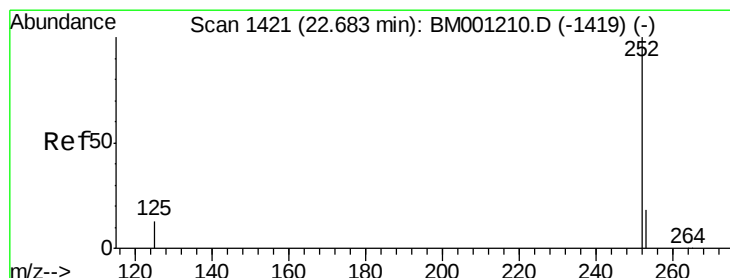
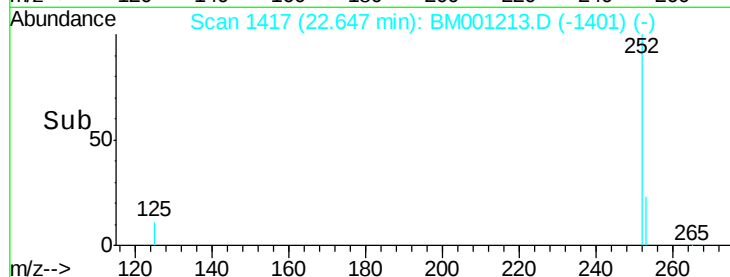
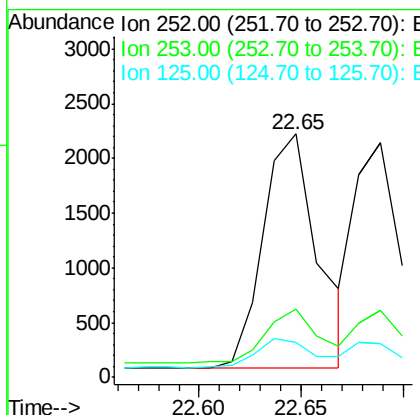
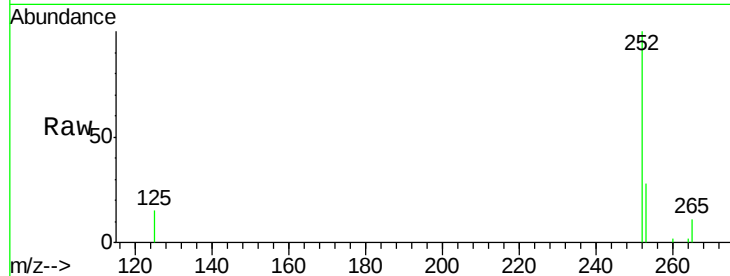
#31
Benzo(b)fluoranthene
Concen: 0.21 ng
RT: 22.65 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BM001213.D
Acq: 05 May 2015 17:28

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.1	25.7#
125	14.6	10.9	16.3

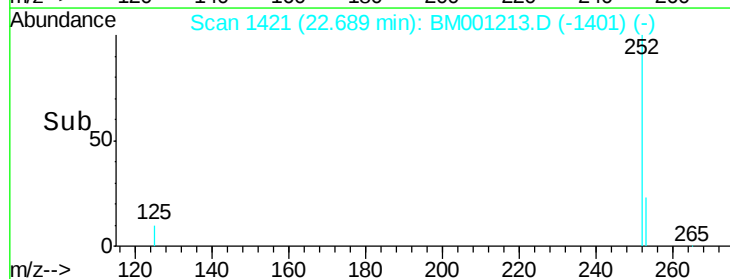
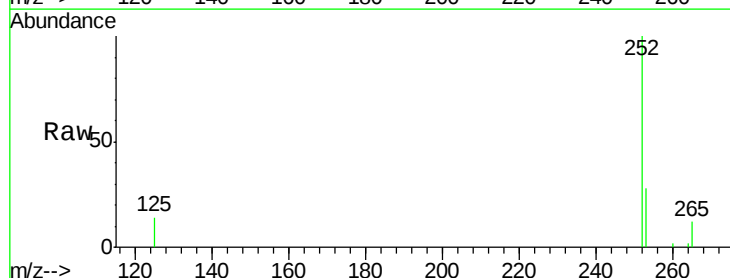
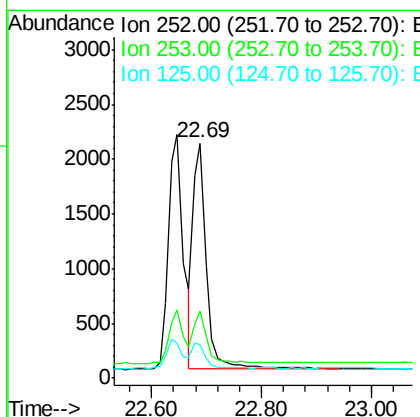
Manual Integrations
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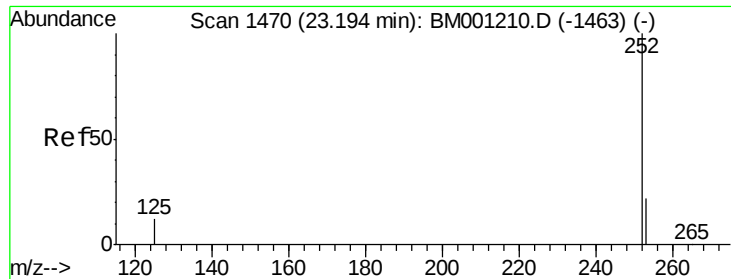
apatel
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#32
Benzo(k)fluoranthene
Concen: 0.18 ng
RT: 22.69 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BM001213.D
Acq: 05 May 2015 17:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.3	25.9#
125	14.4	10.2	15.4





#33

Benzo(a)pyrene

Concen: 0.19 ng

RT: 23.19 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BM001213.D

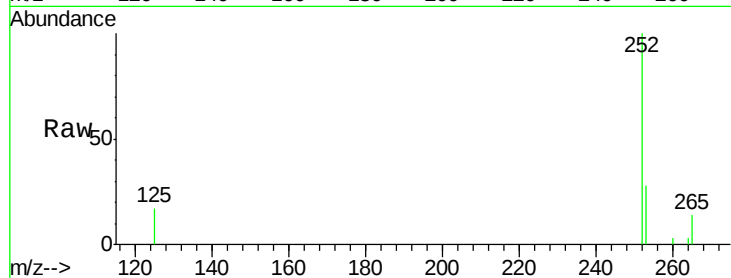
Acq: 05 May 2015 17:28

Instrument :

BNA_M

ClientSampleId :

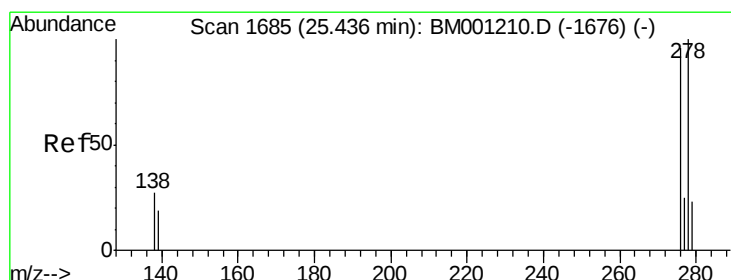
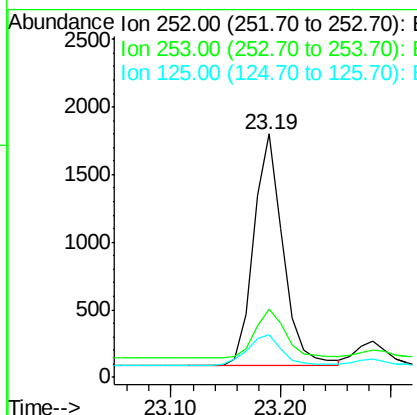
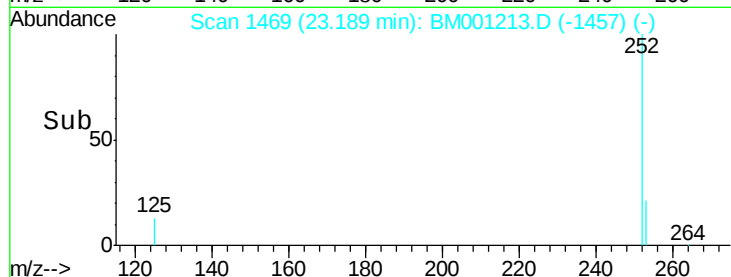
SSTDICC0.2



Tgt Ion:	252	Resp:	3159
Ion Ratio	Lower	Upper	
252	100		
253	28.1	18.6	28.0#
125	17.3	10.6	16.0#

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#34

Dibenzo(a,h)anthracene

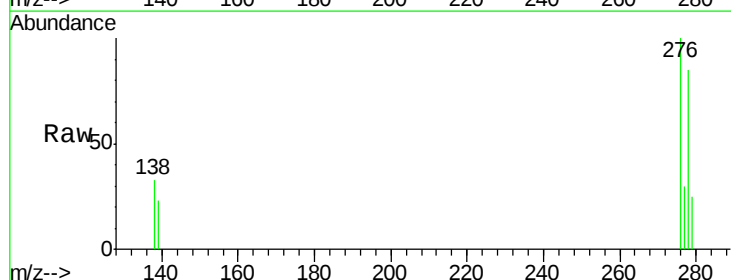
Concen: 0.18 ng

RT: 25.43 min Scan# 1684

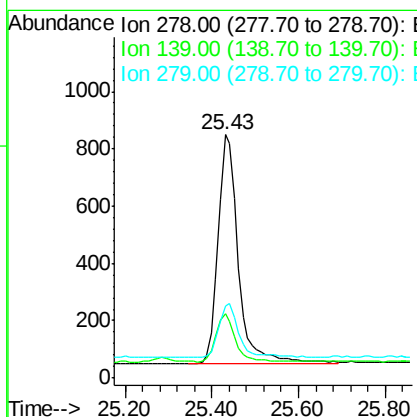
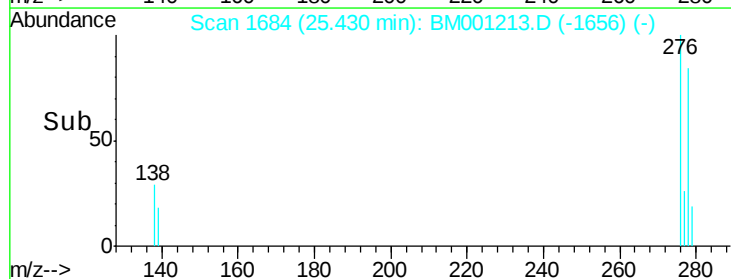
Delta R.T. -0.01 min

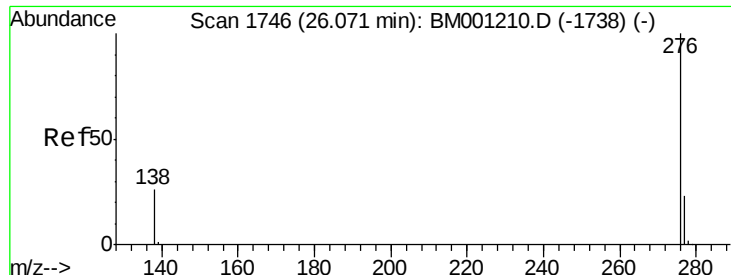
Lab File: BM001213.D

Acq: 05 May 2015 17:28



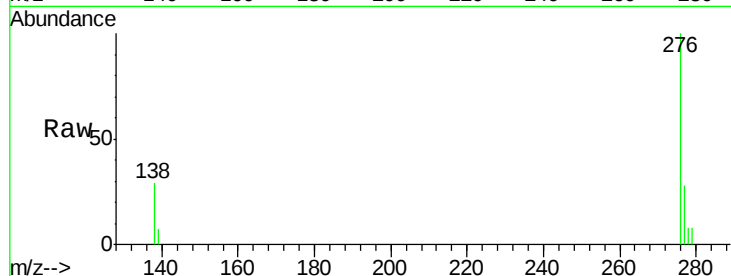
Tgt Ion:	278	Resp:	2605
Ion Ratio	Lower	Upper	
278	100		
139	26.6	16.2	24.4#
279	29.5	19.5	29.3#





#35
 Benzo(g,h,i)perylene
 Concen: 0.18 ng
 RT: 26.08 min Scan# 1746
 Delta R.T. 0.01 min
 Lab File: BM001213.D
 Acq: 05 May 2015 17:28

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2



Tgt	Ion	276	Resp:	2777
Ion	Ratio	Lower	Upper	
276	100			
277	28.1	19.0	28.6	
138	28.9	21.8	32.8	

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