

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050415\
 Data File : BM001203.D
 Acq On : 05 May 2015 02:48
 Operator : TP/IZ
 Sample : G2104-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EB-2015-04-30

Manual Integrations
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Quant Time: May 05 05:03:15 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 04 16:48:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	13852	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	55625	5.00	ng	0.00
12) Acenaphthene-d10	14.18	164	32256	5.00	ng	-0.02
18) Phenanthrene-d10	16.94	188	85621	5.00	ng	0.00
24) Chrysene-d12	21.15	240	69667	5.00	ng	0.00
30) Perylene-d12	23.28	264	53647	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	13128	4.87	ng	-0.01
5) Phenol-d6	6.72	99	10488	3.16	ng	0.02
7) Nitrobenzene-d5	8.68	82	25912	8.22	ng	-0.01
13) 2,4,6-Tribromophenol	15.69	330	23891	15.02	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	85998	8.06	ng	-0.01
26) Terphenyl-d14	19.58	244	101602	10.58	ng	-0.01
Target Compounds						
9) Naphthalene	10.36	128	313	0.03	ng	# 50
11) 2-Methylnaphthalene	11.98	142	966	0.12	ng	# 84
21) Phenanthrene	16.98	178	1002m	0.05	ng	
23) Fluoranthene	19.01	202	465	0.02	ng	99
25) Pyrene	19.38	202	370	0.02	ng	96
27) Benzo(a)anthracene	21.14	228	448	0.02	ng	# 79

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

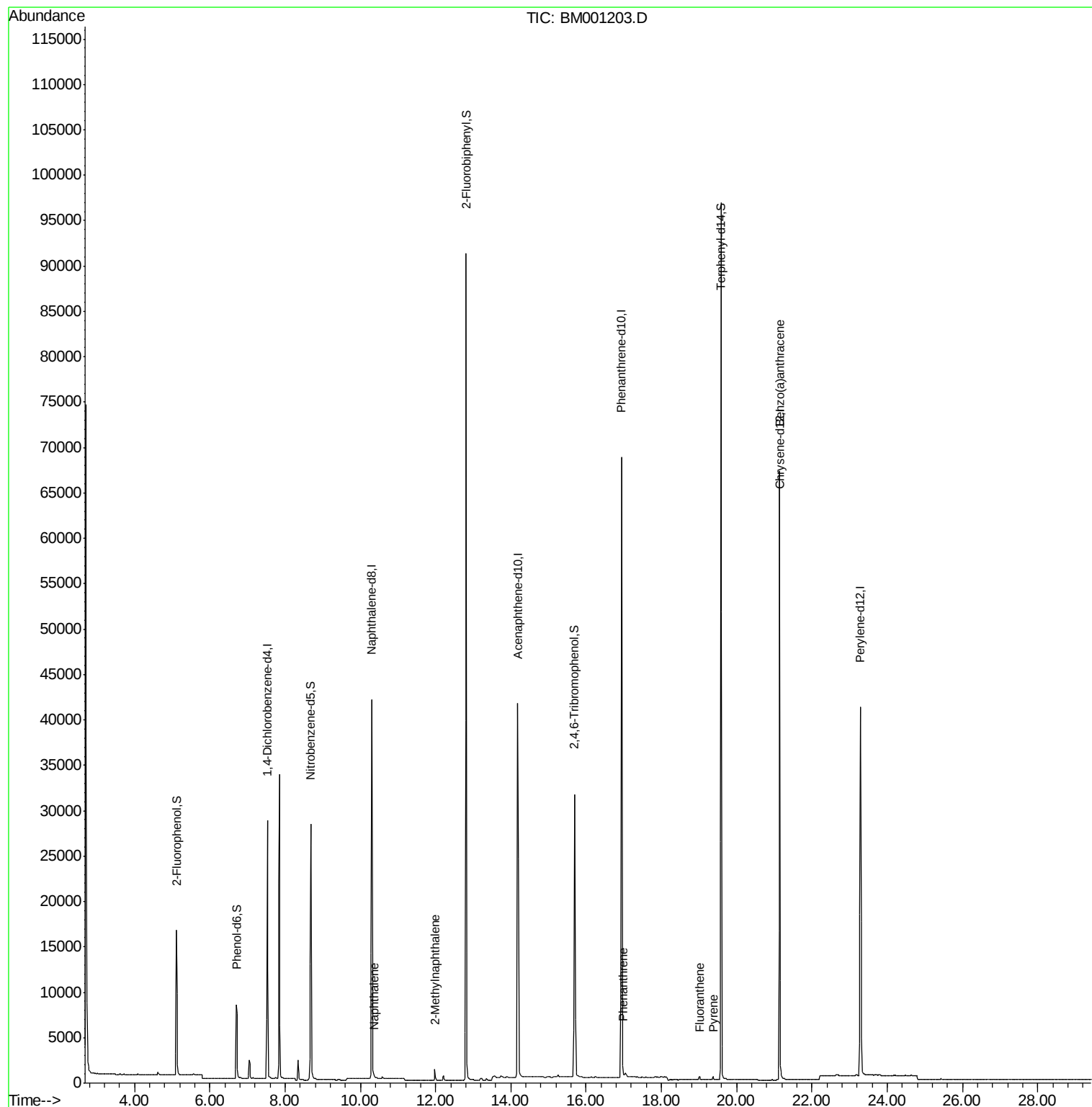
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QLast Update : Mon May 04 16:48:07 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.53 min Scan# 314

Delta R.T. 0.00 min

Lab File: BM001203.D

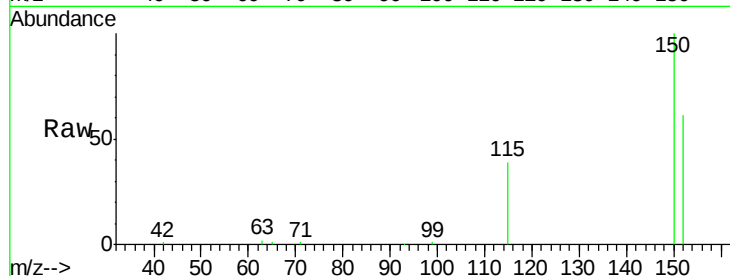
Acq: 05 May 2015 02:48

Instrument :

BNA_M

ClientSampleId :

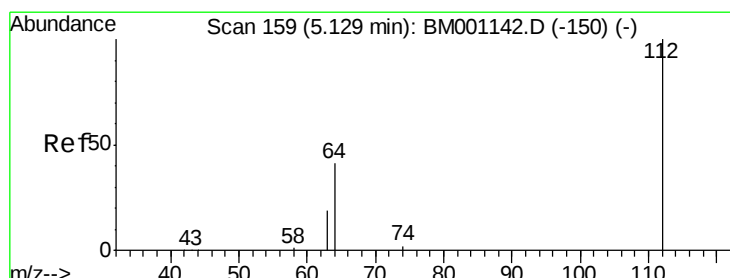
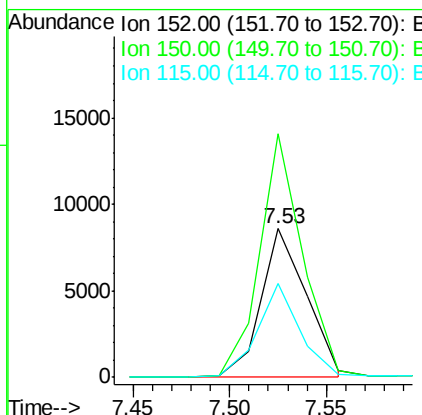
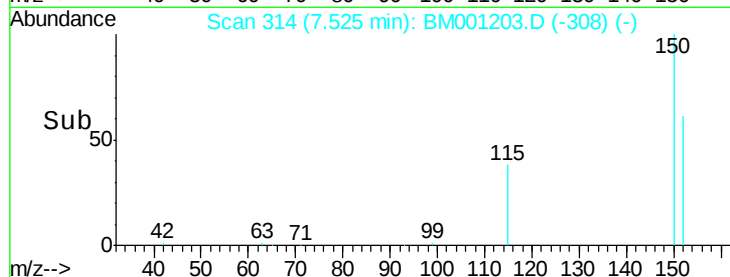
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Tgt Ion:	152	Resp:	13852
Ion Ratio	Lower	Upper	
152	100		
150	163.9	140.1	210.1
115	63.2	57.8	86.6

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#4

2-Fluorophenol

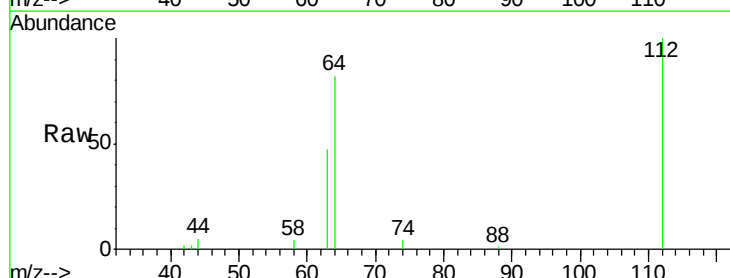
Concen: 4.87 ng

RT: 5.11 min Scan# 158

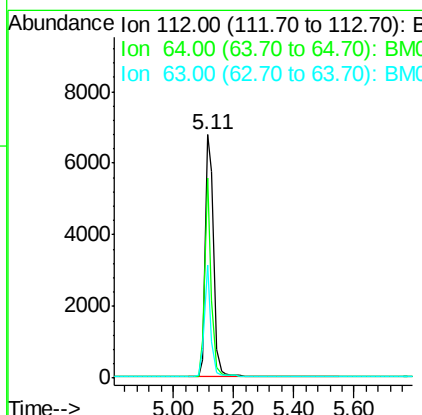
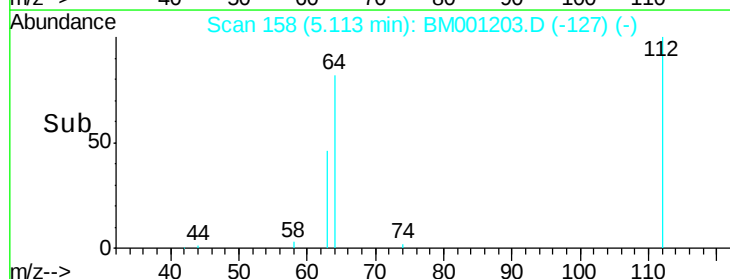
Delta R.T. -0.01 min

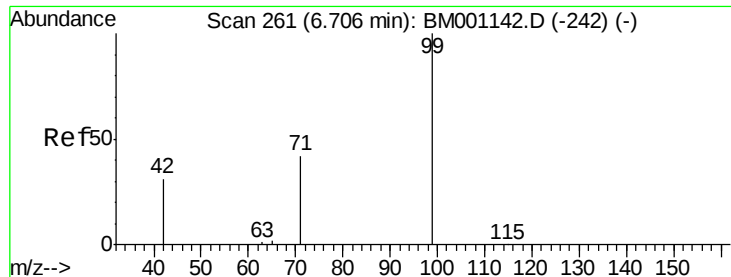
Lab File: BM001203.D

Acq: 05 May 2015 02:48



Tgt Ion:	112	Resp:	13128
Ion Ratio	Lower	Upper	
112	100		
64	64.6	52.6	79.0
63	36.0	29.5	44.3





#5

Phenol-d6

Concen: 3.16 ng

RT: 6.72 min Scan# 262

Delta R.T. 0.02 min

Lab File: BM001203.D

Acq: 05 May 2015 02:48

Instrument :

BNA_M

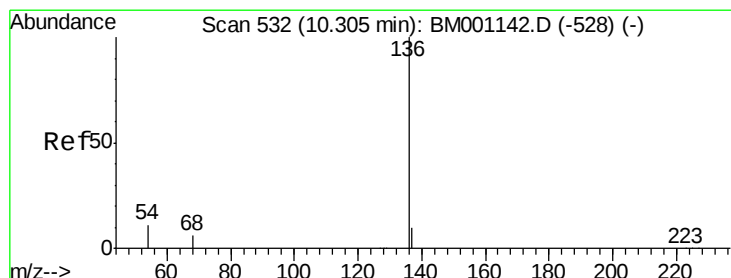
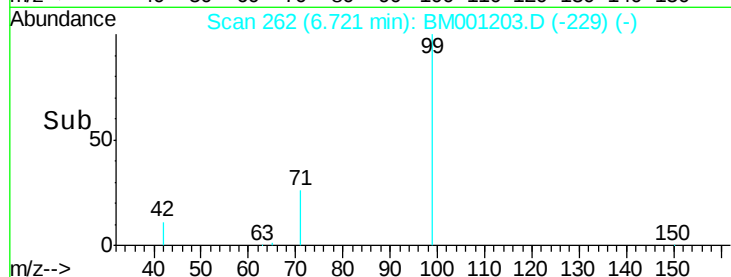
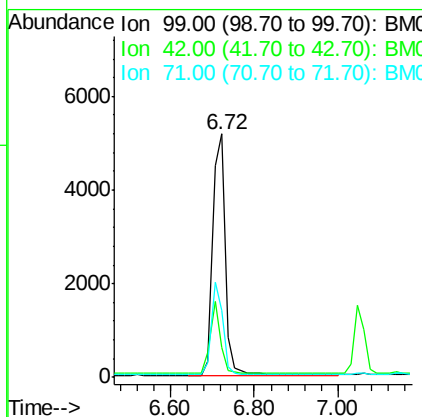
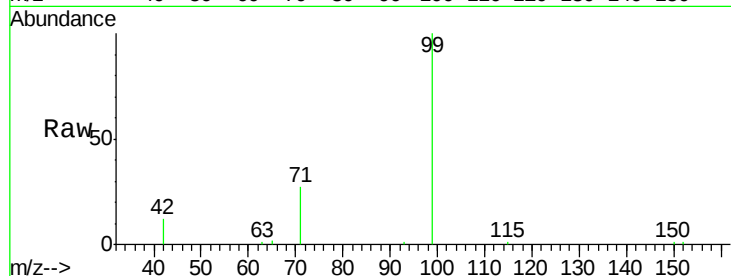
ClientSampleId :

EB-2015-04-30

Tgt Ion:	99	Resp:	10488
Ion Ratio	Lower	Upper	
99	100		
42	23.4	20.9	31.3
71	34.9	28.5	42.7

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#6

Naphthalene-d8

Concen: 5.00 ng

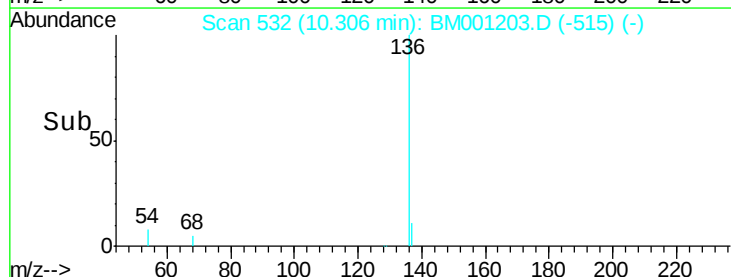
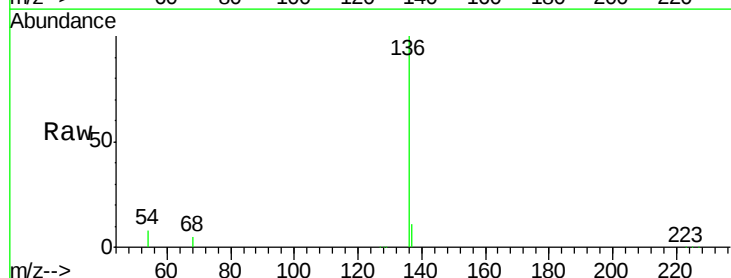
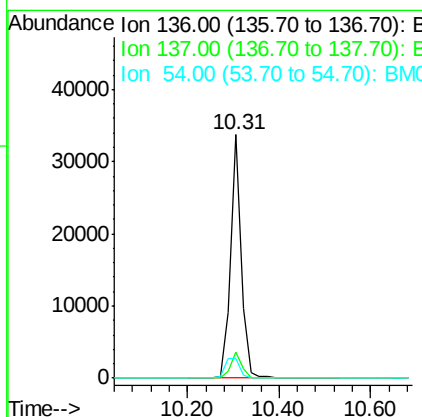
RT: 10.31 min Scan# 532

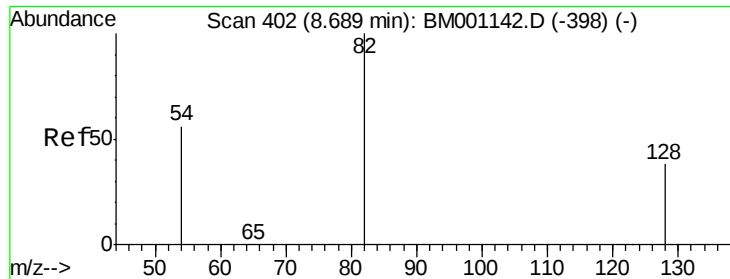
Delta R.T. 0.00 min

Lab File: BM001203.D

Acq: 05 May 2015 02:48

Tgt Ion:	136	Resp:	55625
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.2	12.4
54	8.3	9.0	13.4#





#7

Nitrobenzene-d5

Concen: 8.22 ng

RT: 8.68 min Scan# 401

Delta R.T. -0.01 min

Lab File: BM001203.D

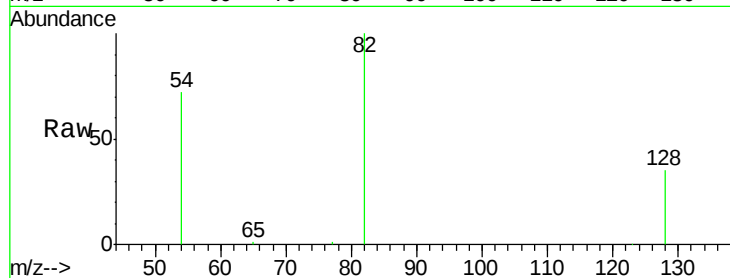
Acq: 05 May 2015 02:48

Instrument :

BNA_M

ClientSampleId :

EB-2015-04-30



Tgt Ion: 82 Resp: 25912

Ion Ratio Lower Upper

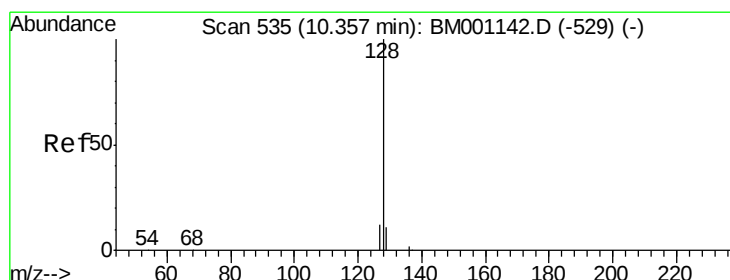
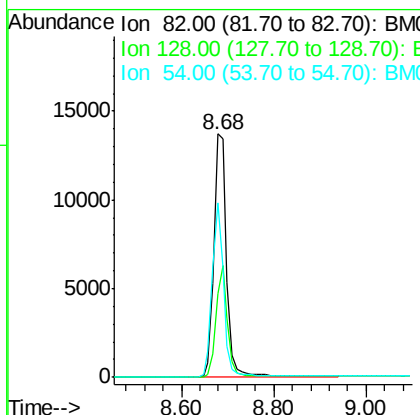
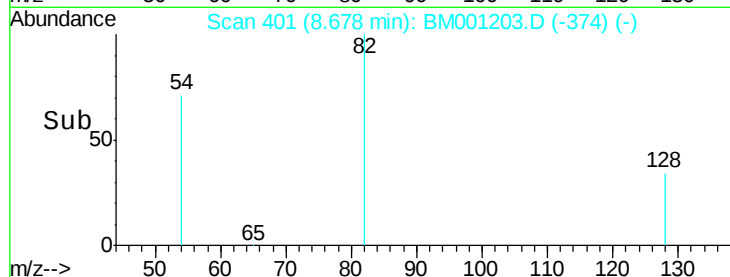
82 100

128 34.5 31.9 47.9

54 71.6 46.2 69.2#

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#9

Naphthalene

Concen: 0.03 ng

RT: 10.36 min Scan# 535

Delta R.T. 0.00 min

Lab File: BM001203.D

Acq: 05 May 2015 02:48

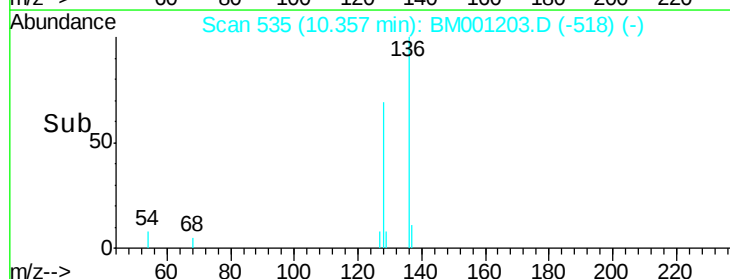
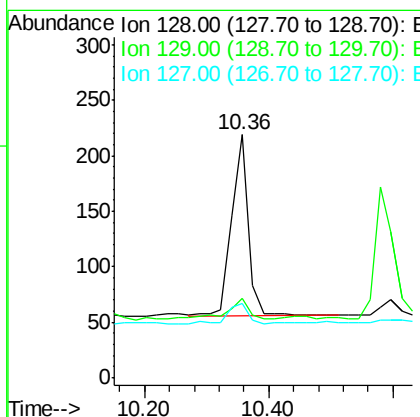
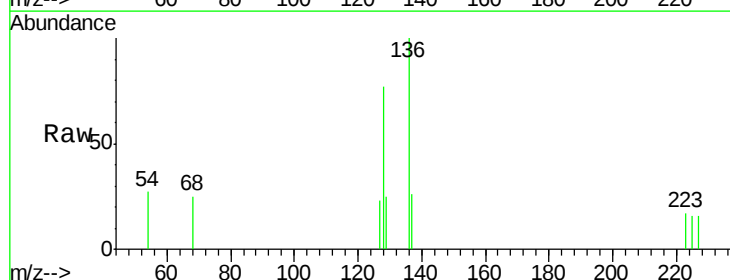
Tgt Ion: 128 Resp: 313

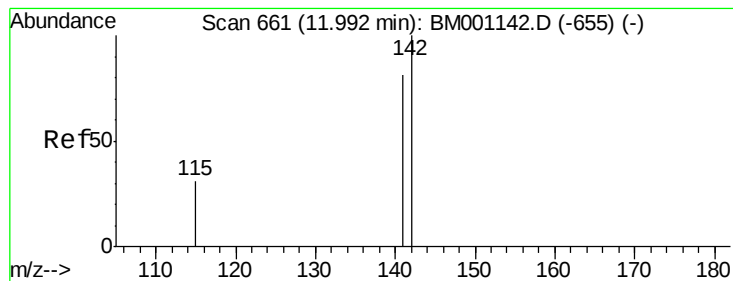
Ion Ratio Lower Upper

128 100

129 32.4 9.0 13.6#

127 30.6 10.0 15.0#





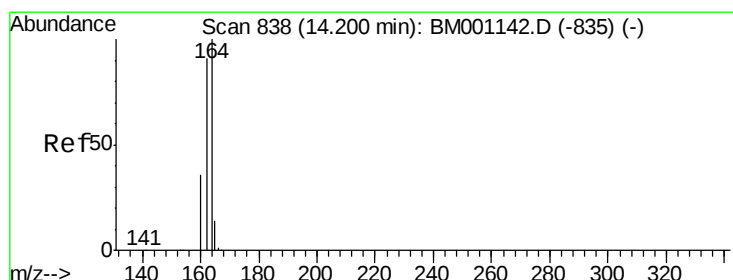
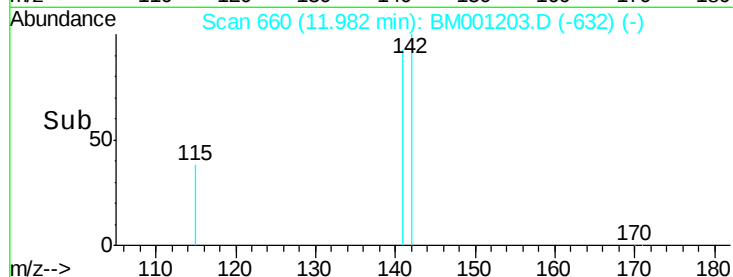
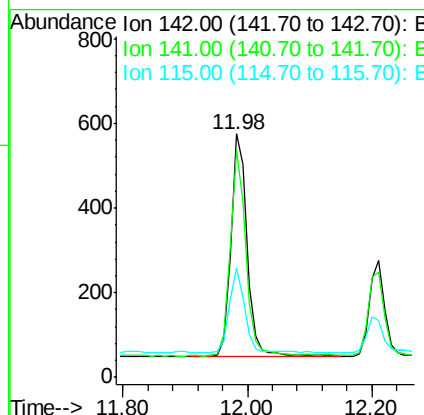
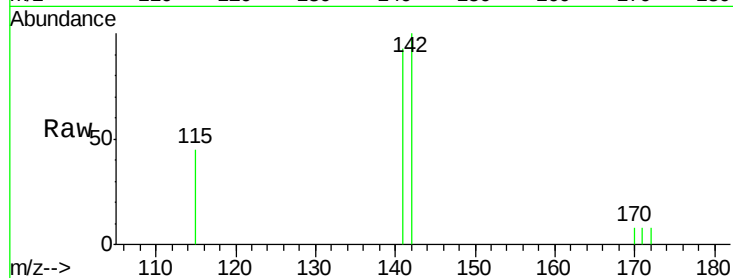
#11
2-Methylnaphthalene
Concen: 0.12 ng
RT: 11.98 min Scan# 660
Delta R.T. -0.01 min
Lab File: BM001203.D
Acq: 05 May 2015 02:48

Instrument :
BNA_M
ClientSampleId :
EB-2015-04-30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	65.1	97.7
115	44.7	25.1	37.7

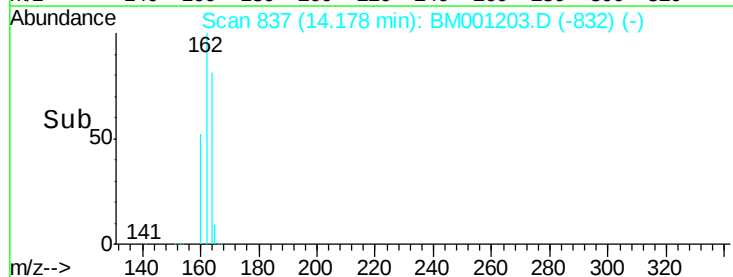
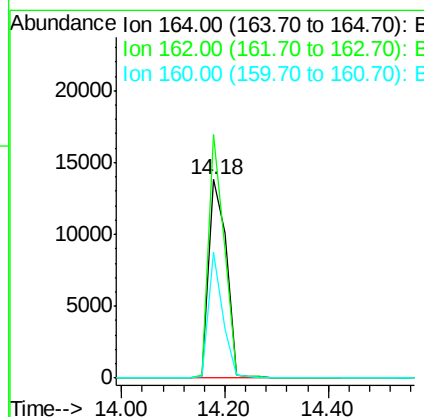
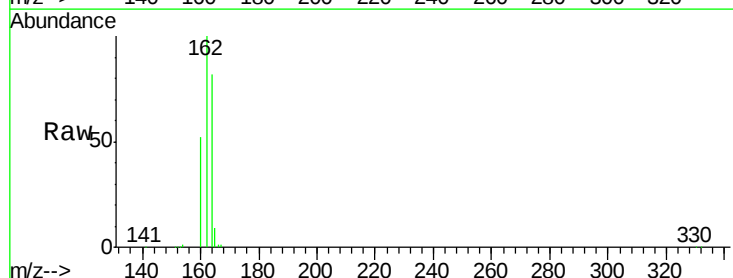
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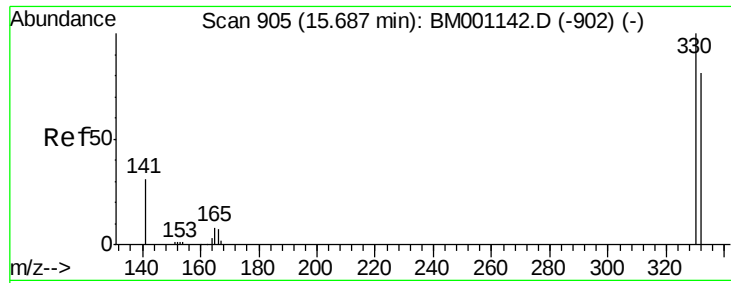
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#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.18 min Scan# 837
Delta R.T. -0.02 min
Lab File: BM001203.D
Acq: 05 May 2015 02:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	122.6	72.7	109.1
160	63.6	28.7	43.1





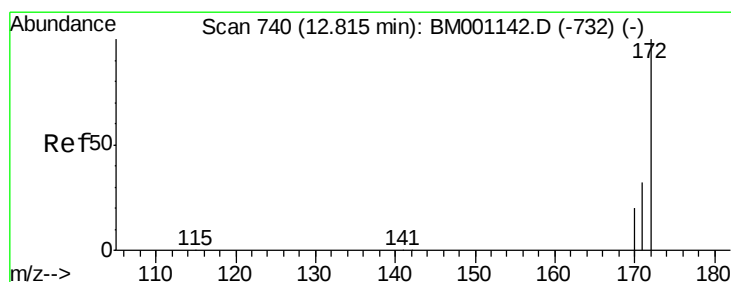
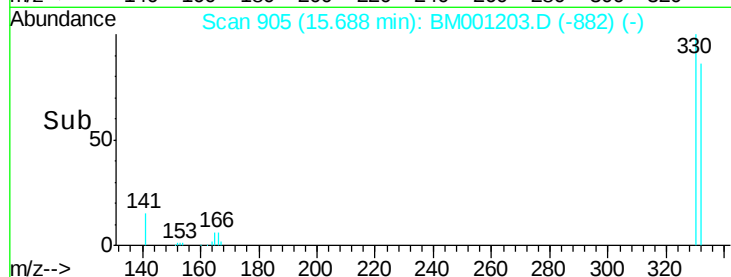
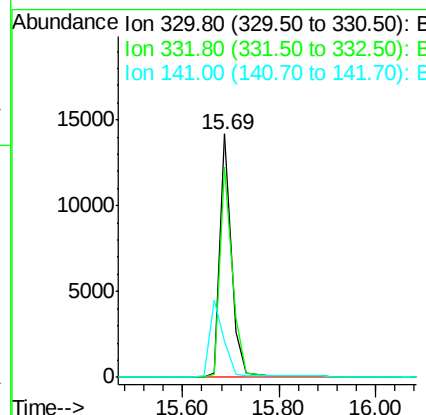
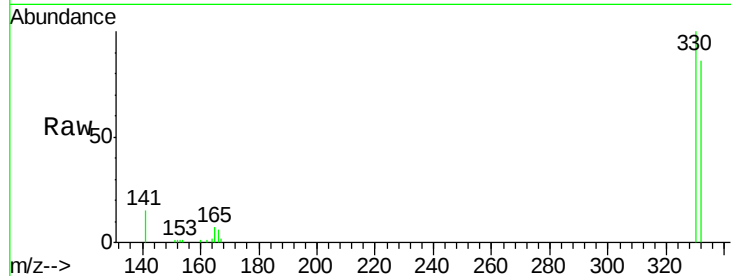
#13
 2,4,6-Tribromophenol
 Concen: 15.02 ng
 RT: 15.69 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BM001203.D
 Acq: 05 May 2015 02:48

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	23891		
332	93.2	74.5	111.7	
141	0.0	21.0	31.4	

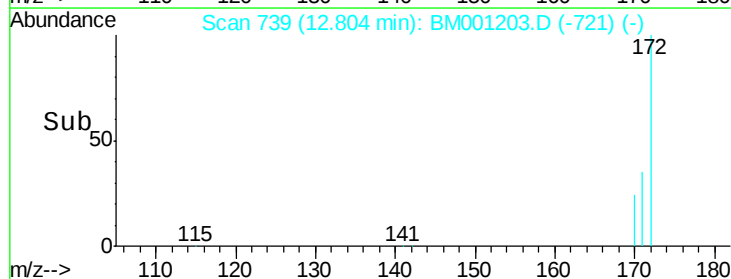
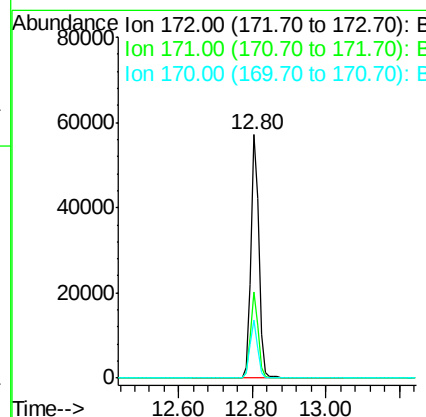
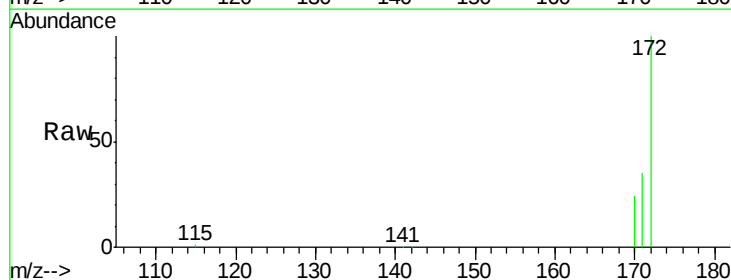
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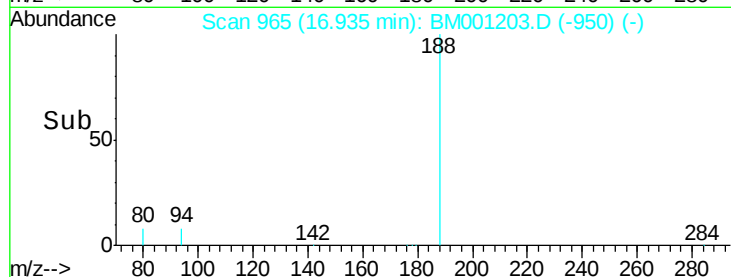
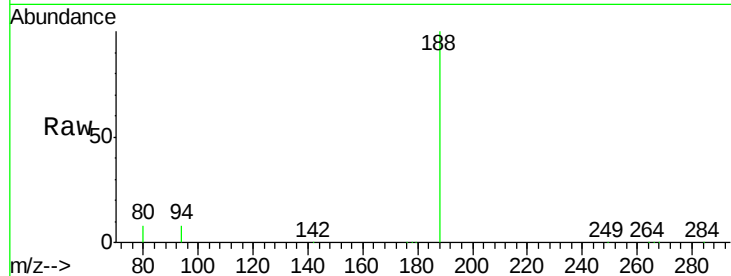
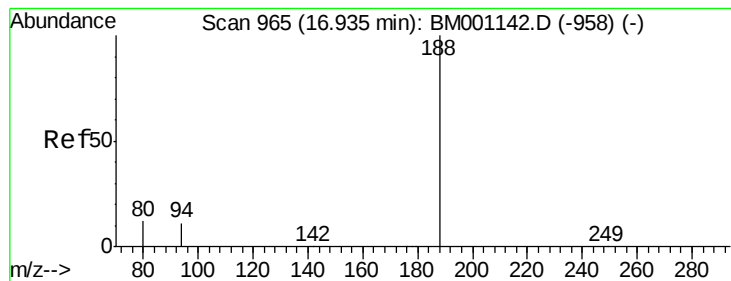
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#14
 2-Fluorobiphenyl
 Concen: 8.06 ng
 RT: 12.80 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BM001203.D
 Acq: 05 May 2015 02:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	85998		
171	35.3	25.8	38.6	
170	23.7	16.1	24.1	





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 965

Delta R.T. 0.00 min

Lab File: BM001203.D

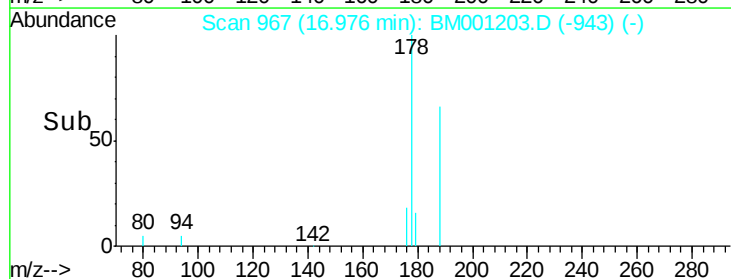
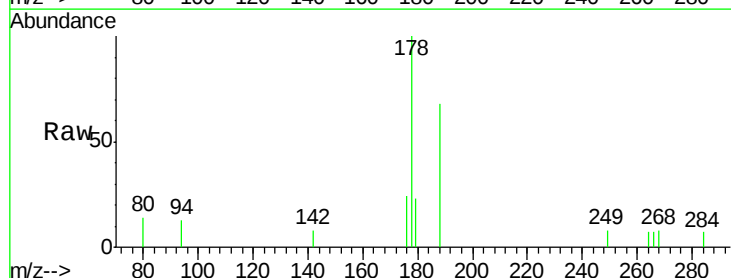
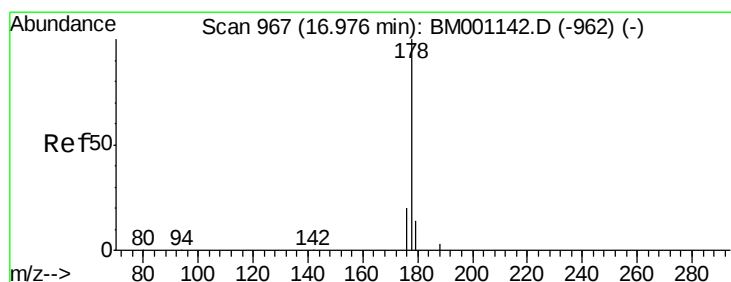
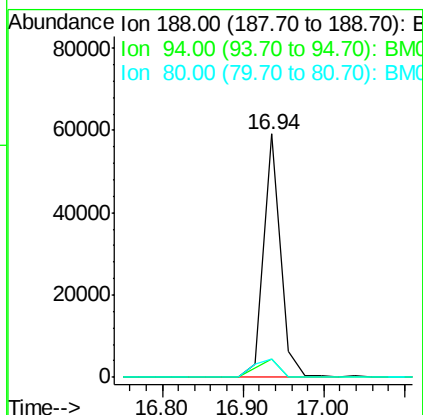
Acq: 05 May 2015 02:48

Tgt Ion:	188	Resp:	85621
Ion Ratio	Lower	Upper	
188	100		
94	7.8	9.3	13.9#
80	7.6	9.8	14.6#

Instrument :
BNA_M
ClientSampleId :
EB-2015-04-30

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#21

Phenanthrene

Concen: 0.05 ng m

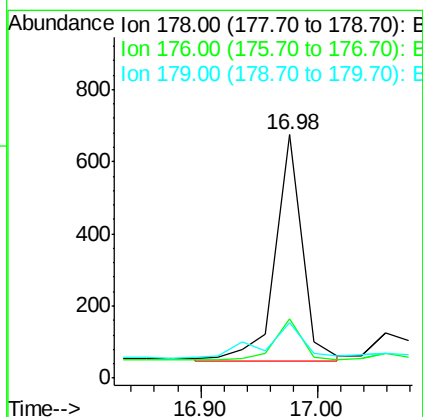
RT: 16.98 min Scan# 967

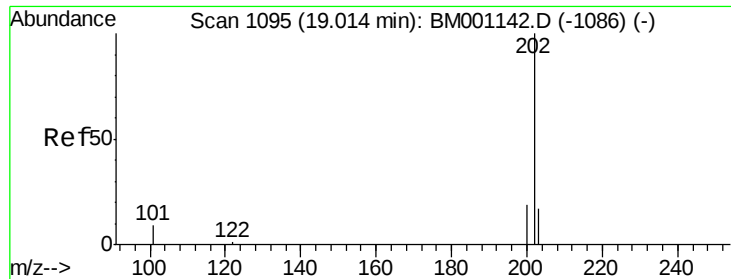
Delta R.T. 0.00 min

Lab File: BM001203.D

Acq: 05 May 2015 02:48

Tgt Ion:	178	Resp:	1002
Ion Ratio	Lower	Upper	
178	100		
176	3.3	15.5	23.3#
179	2.2	12.0	18.0#





#23

Fluoranthene

Concen: 0.02 ng

RT: 19.01 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM001203.D

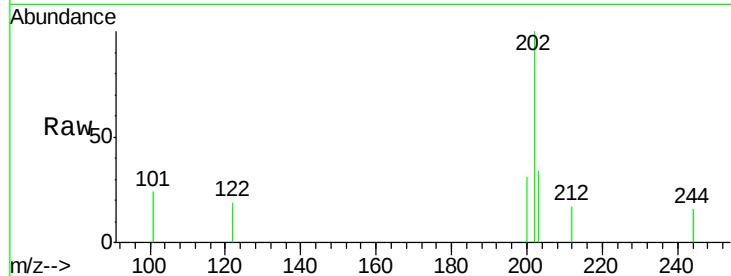
Acq: 05 May 2015 02:48

Instrument :

BNA_M

ClientSampleId :

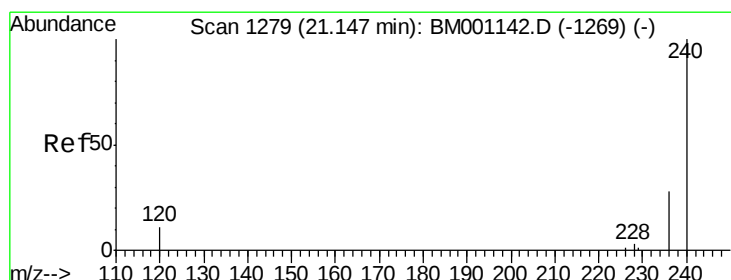
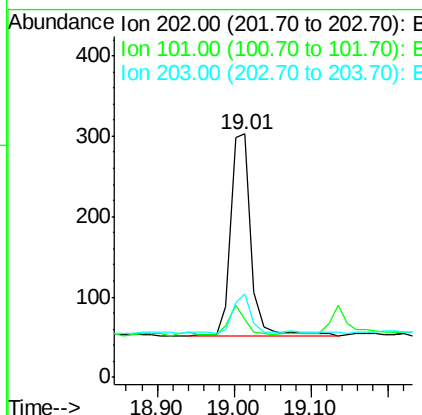
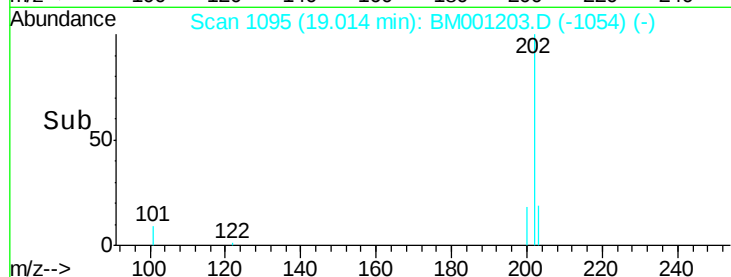
EB-2015-04-30



Tgt Ion:	202	Resp:	465
Ion Ratio	Lower	Upper	
202	100		
101	11.4	9.3	13.9
203	16.8	13.7	20.5

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#24

Chrysene-d12

Concen: 5.00 ng

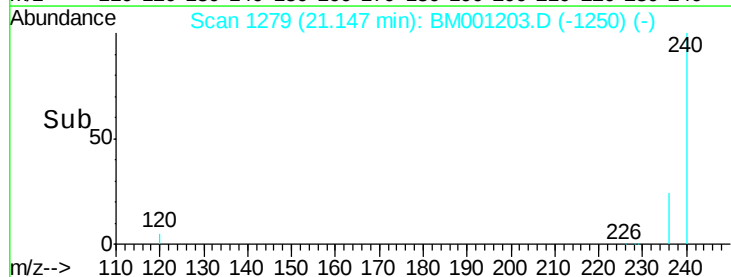
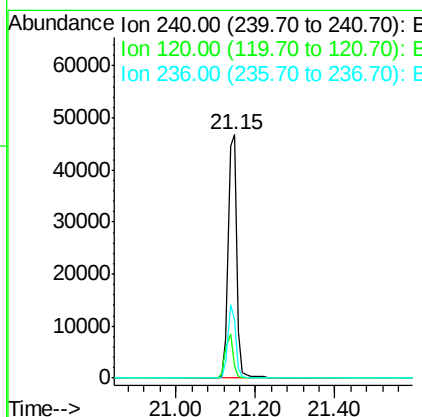
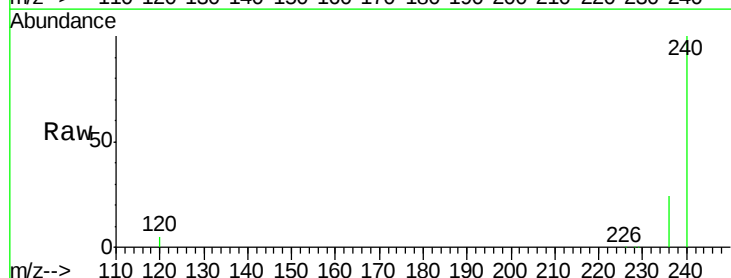
RT: 21.15 min Scan# 1279

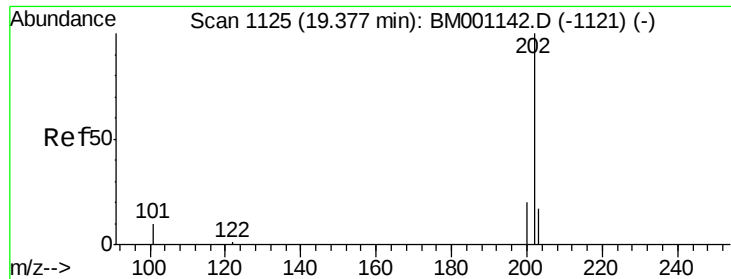
Delta R.T. 0.00 min

Lab File: BM001203.D

Acq: 05 May 2015 02:48

Tgt Ion:	240	Resp:	69667
Ion Ratio	Lower	Upper	
240	100		
120	4.8	9.2	13.8#
236	23.9	22.4	33.6





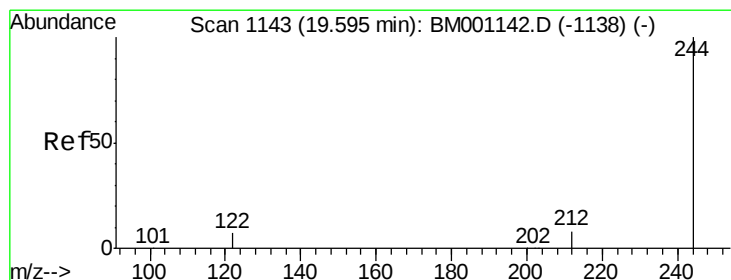
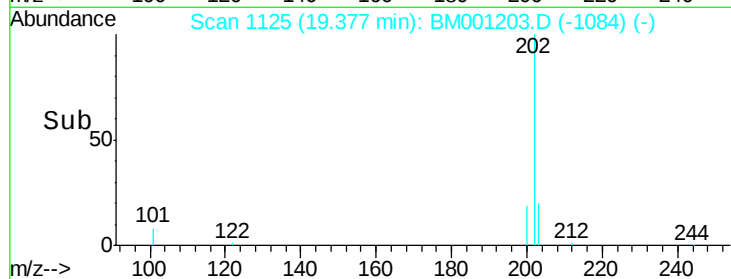
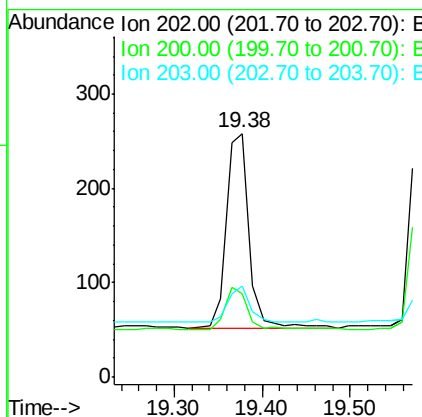
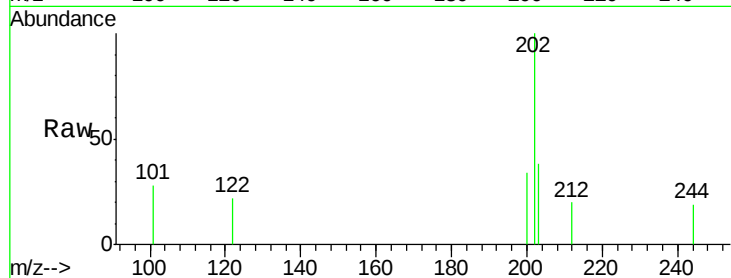
#25
 Pyrene
 Concen: 0.02 ng
 RT: 19.38 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BM001203.D
 Acq: 05 May 2015 02:48

Instrument :
 BNA_M
 ClientSampleId :
 EB-2015-04-30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.0	16.4	24.6
203	18.4	13.8	20.6

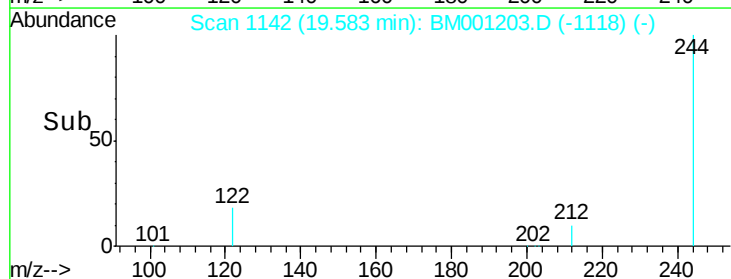
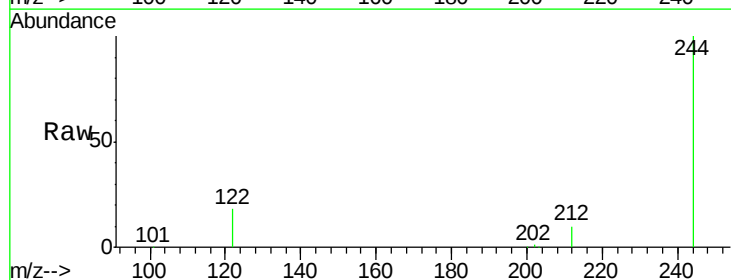
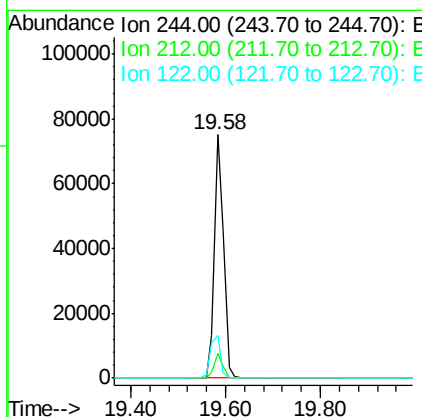
Manual Integrations
 APPROVED

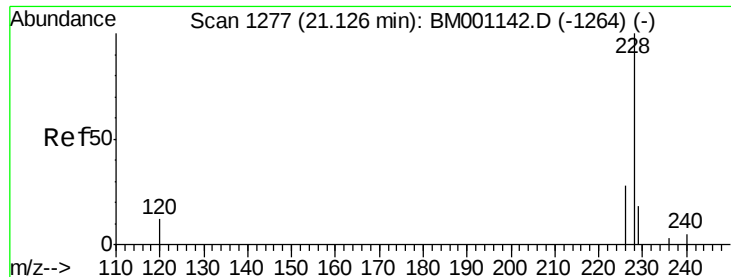
apatel
 5/5/2015 12:09:40 PM



#26
 Terphenyl-d14
 Concen: 10.58 ng
 RT: 19.58 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BM001203.D
 Acq: 05 May 2015 02:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.1	10.7
122	17.8	6.2	9.4#





#27

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.14 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BM001203.D

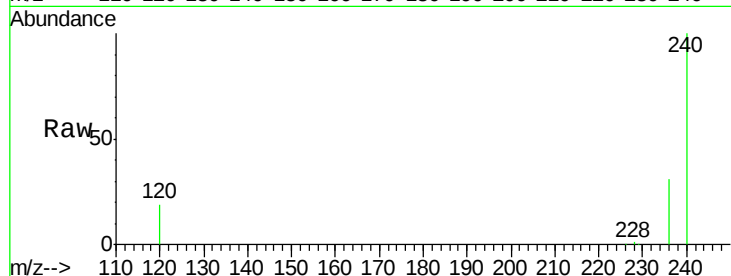
Acq: 05 May 2015 02:48

Instrument :

BNA_M

ClientSampleId :

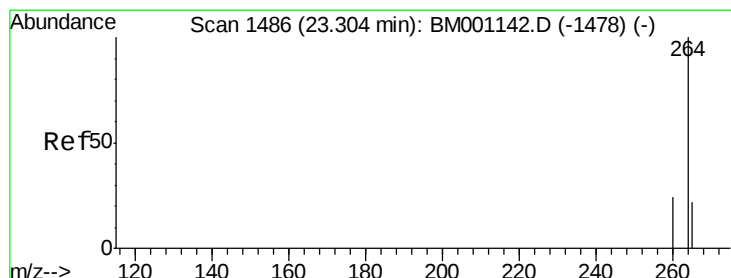
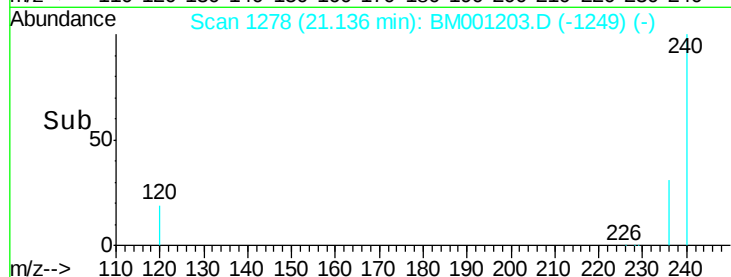
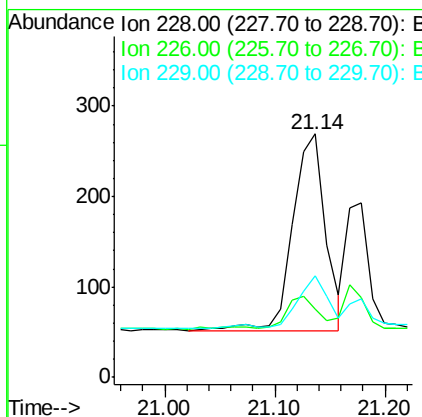
EB-2015-04-30



Tgt Ion:	228	Resp:	448
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.8	34.2
229	41.6	14.4	21.6#

Manual Integrations
APPROVED

apatel
5/5/2015 12:09:40 PM



#30

Perylene-d12

Concen: 5.00 ng

RT: 23.28 min Scan# 1484

Delta R.T. -0.02 min

Lab File: BM001203.D

Acq: 05 May 2015 02:48

Tgt Ion:	264	Resp:	53647
Ion Ratio	Lower	Upper	
264	100		
260	26.6	18.9	28.3
265	20.8	18.1	27.1

