

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
 Data File : BM001617.D
 Acq On : 09 Jun 2015 14:47
 Operator : TP/IZ
 Sample : G2558-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 060515-P18-E-D-B

Manual Integrations
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Quant Time: Jun 10 03:55:32 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 03:26:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	19049	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	69102	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	31778	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	39875	5.00	ng	0.00
25) Chrysene-d12	21.28	240	51559	5.00	ng	0.00
32) Perylene-d12	23.51	264	45073	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	29263	6.75	ng	0.00
5) Phenol-d6	6.84	99	24986	4.69	ng	0.00
7) Nitrobenzene-d5	8.85	82	39510	8.11	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	28181	18.32	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	106731	10.32	ng	0.00
27) Terphenyl-d14	19.72	244	112035	16.65	ng	0.00
Target Compounds						
22) Phenanthrene	17.12	178	338	0.02	ng	Qvalue # 82
28) Benzo(a)anthracene	21.27	228	557m	0.04	ng	
30) Bis(2-ethylhexyl)phthalate	21.19	149	51493	5.92	ng	99
31) Indeno(1,2,3-cd)pyrene	25.76	276	861	0.06	ng	94
36) Dibenzo(a,h)anthracene	25.78	278	806	0.07	ng	# 59
37) Benzo(g,h,i)perylene	26.46	276	700	0.06	ng	# 63

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

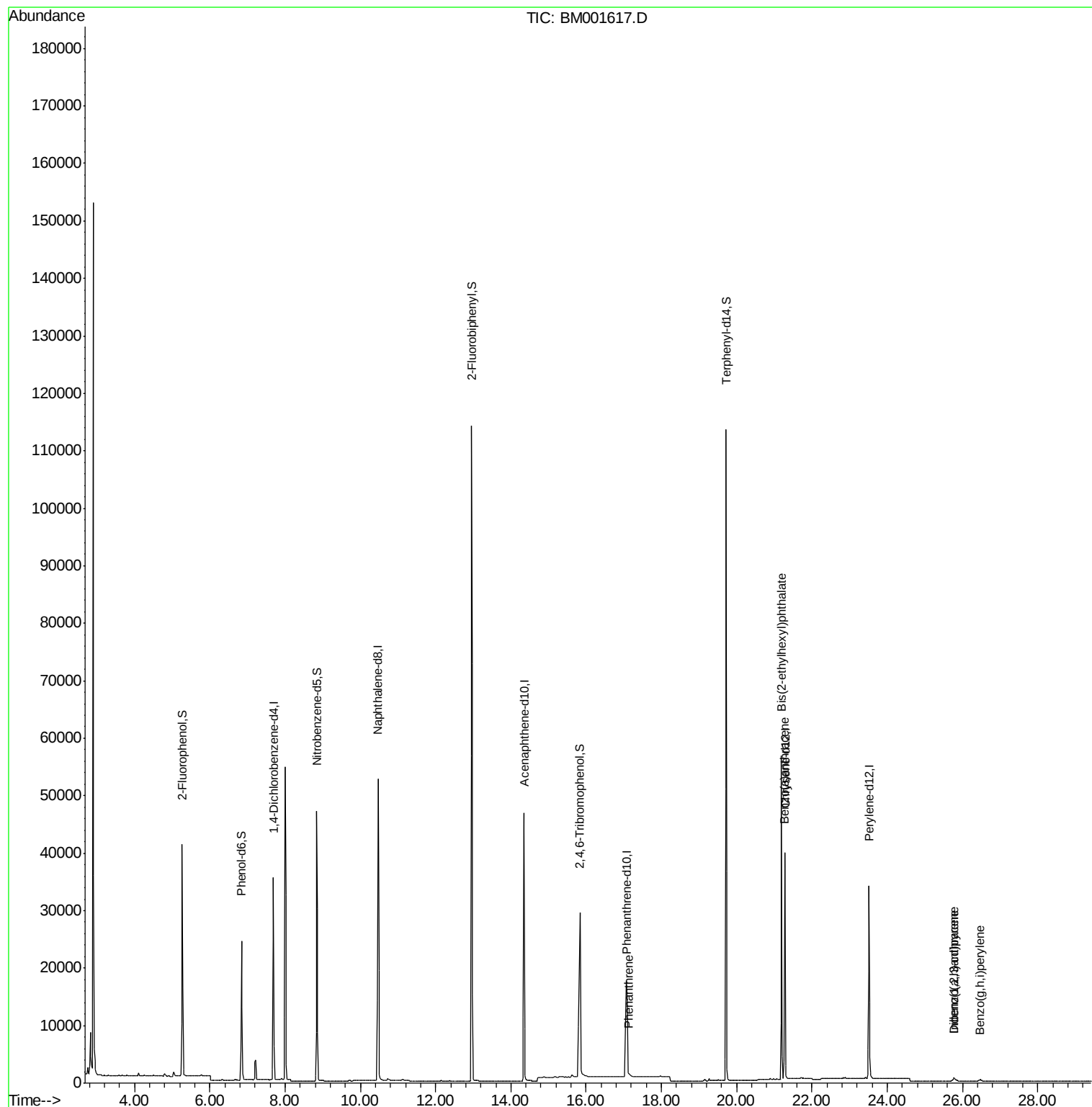
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
Data File : BM001617.D
Acq On : 09 Jun 2015 14:47
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Misc :
ALS Vial : 22 Sample Multiplier: 1

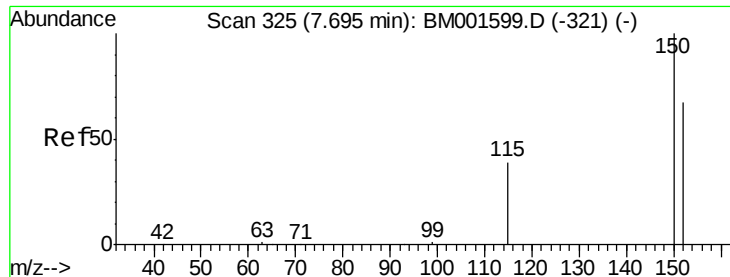
Instrument :
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060515-P18-E-D-B

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QLast Update : Wed Jun 10 03:26:36 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.70 min Scan# 325

Delta R.T. 0.00 min

Lab File: BM001617.D

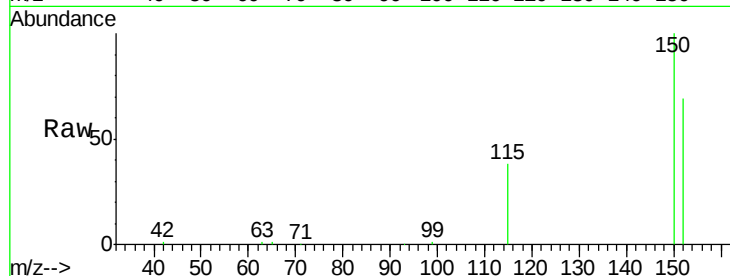
Acq: 09 Jun 2015 14:47

Instrument :

BNA_M

ClientSampleId :

060515-P18-E-D-B



Tgt Ion:152 Resp: 19049

Ion Ratio Lower Upper

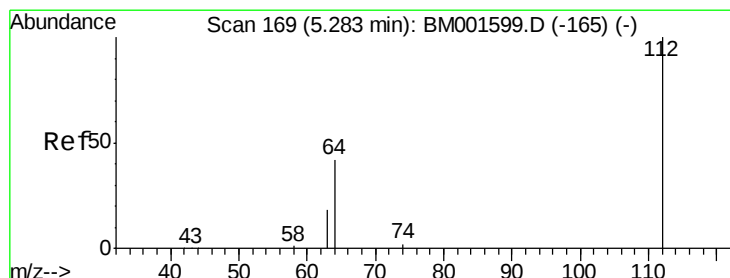
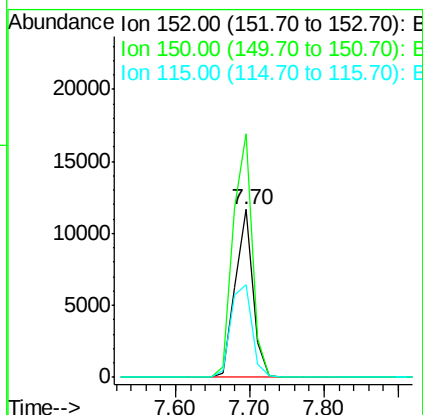
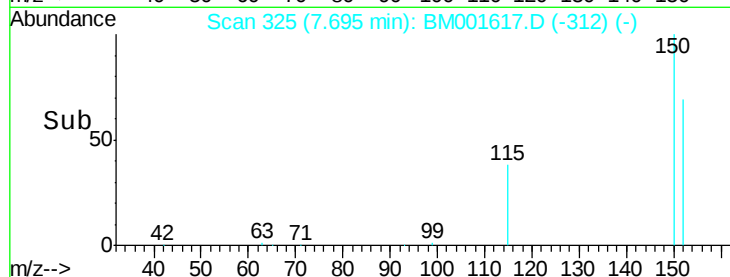
152 100

150 145.2 120.1 180.1

115 55.0 47.0 70.6

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#4

2-Fluorophenol

Concen: 6.75 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM001617.D

Acq: 09 Jun 2015 14:47

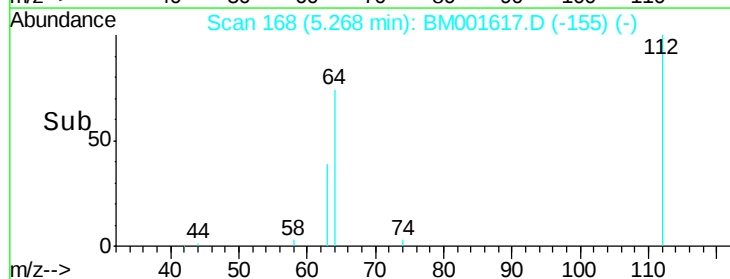
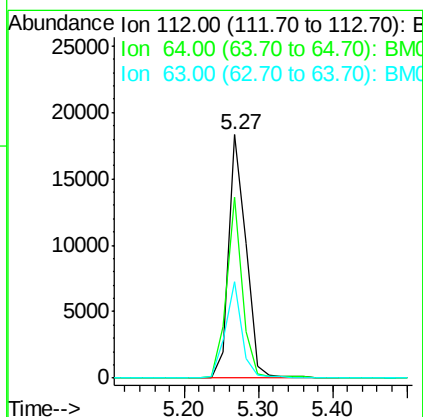
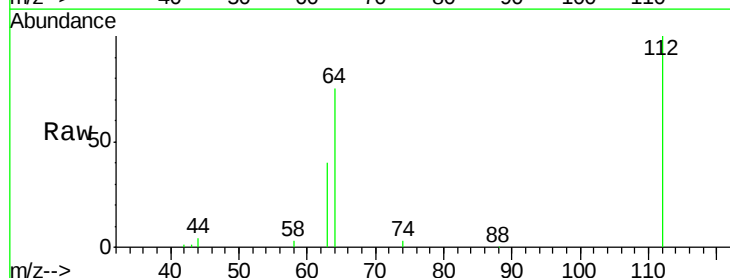
Tgt Ion:112 Resp: 29263

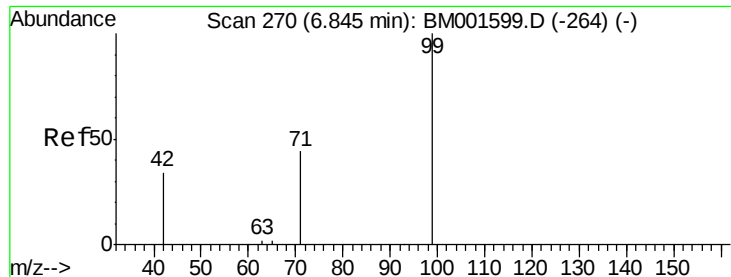
Ion Ratio Lower Upper

112 100

64 67.7 54.8 82.2

63 36.9 30.5 45.7





#5

Phenol-d6

Concen: 4.69 ng

RT: 6.84 min Scan# 270

Delta R.T. 0.00 min

Lab File: BM001617.D

Acq: 09 Jun 2015 14:47

Instrument :

BNA_M

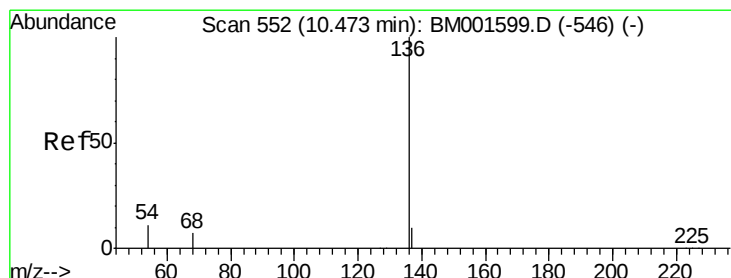
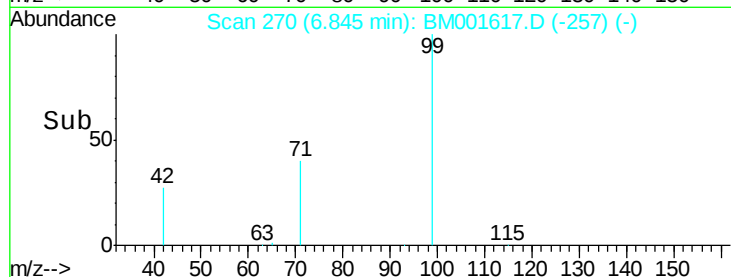
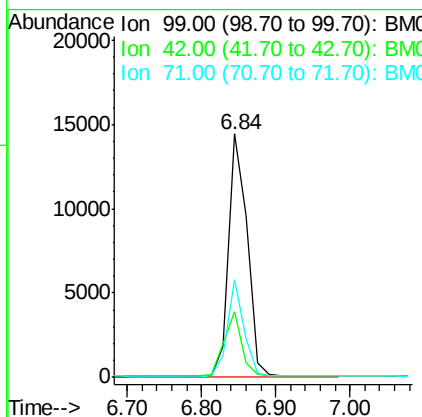
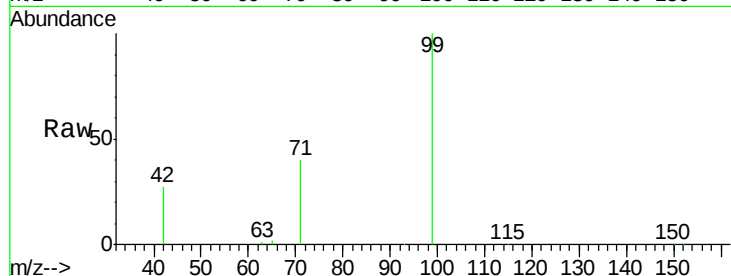
ClientSampleId :

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Tgt Ion:	99	Resp:	24986
Ion Ratio	Lower	Upper	
99	100		
42	24.8	21.6	32.4
71	35.6	28.7	43.1

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#6

Naphthalene-d8

Concen: 5.00 ng

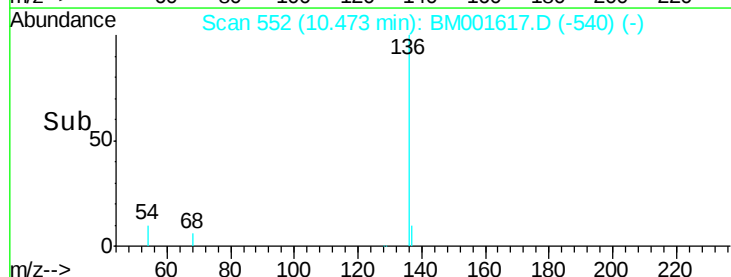
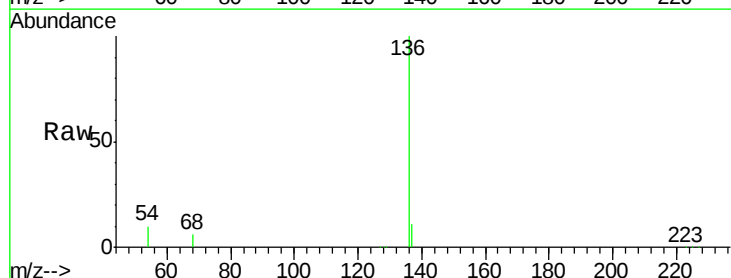
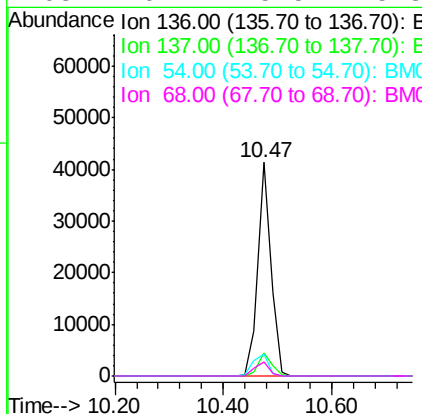
RT: 10.47 min Scan# 552

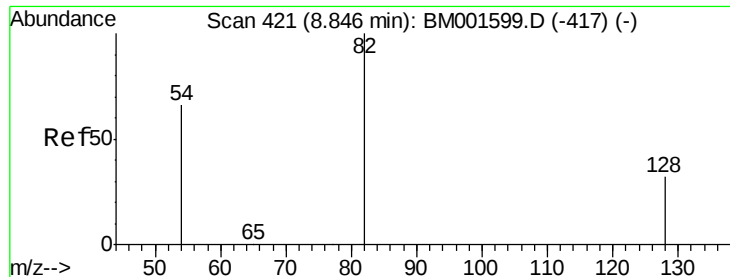
Delta R.T. 0.00 min

Lab File: BM001617.D

Acq: 09 Jun 2015 14:47

Tgt Ion:	136	Resp:	69102
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.3	12.5
54	10.2	9.2	13.8
68	6.4	5.5	8.3





#7

Nitrobenzene-d5

Concen: 8.11 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM001617.D

Acq: 09 Jun 2015 14:47

Instrument :

BNA_M

ClientSampleId :

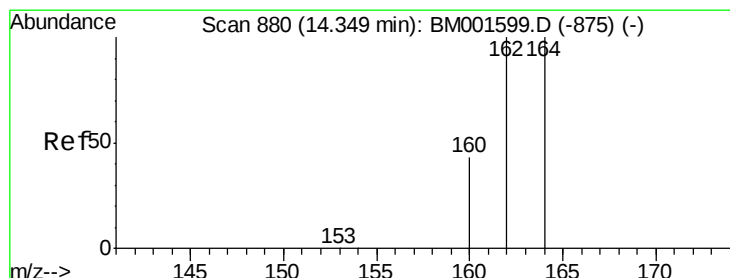
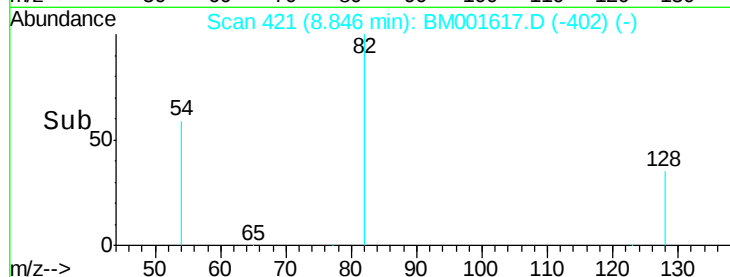
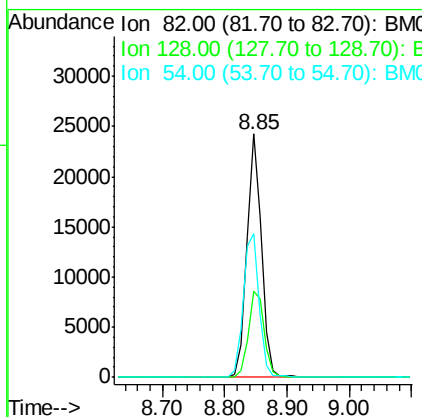
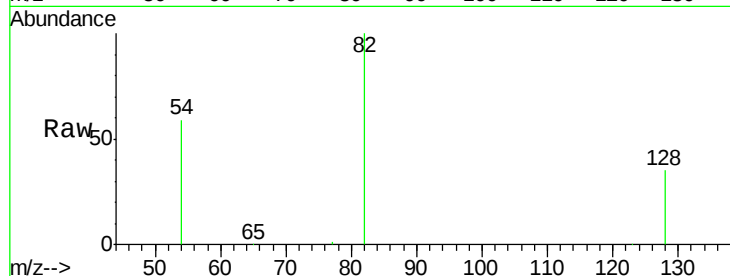
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.2	26.6	40.0
54	58.8	53.0	79.6



#12

Acenaphthene-d10

Concen: 5.00 ng

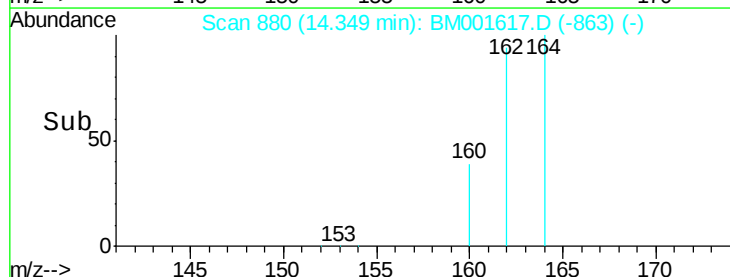
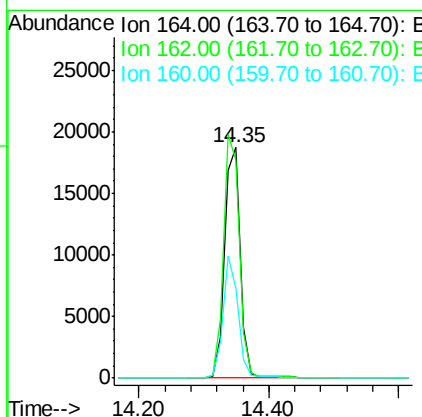
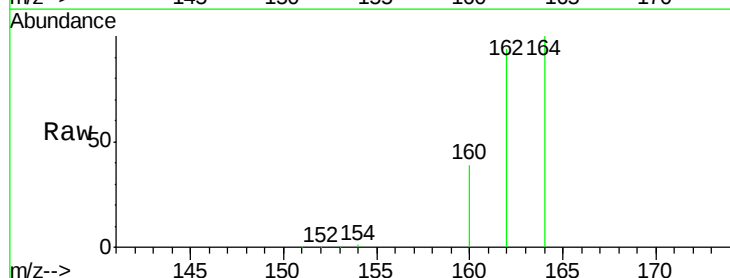
RT: 14.35 min Scan# 880

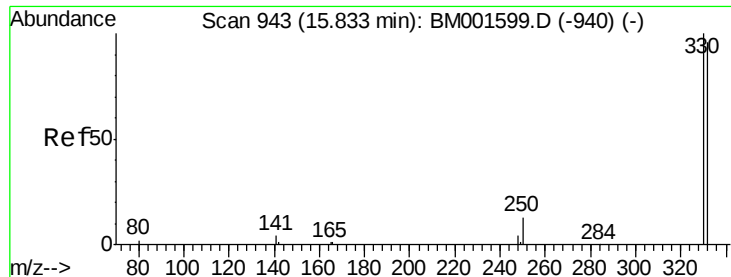
Delta R.T. 0.00 min

Lab File: BM001617.D

Acq: 09 Jun 2015 14:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.5	79.8	119.6
160	39.2	34.6	51.8





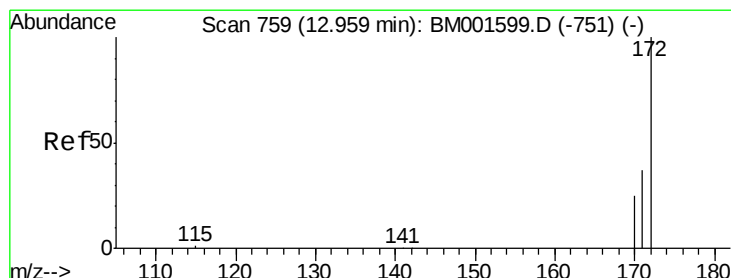
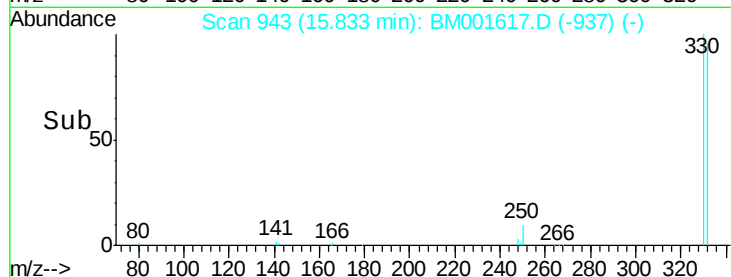
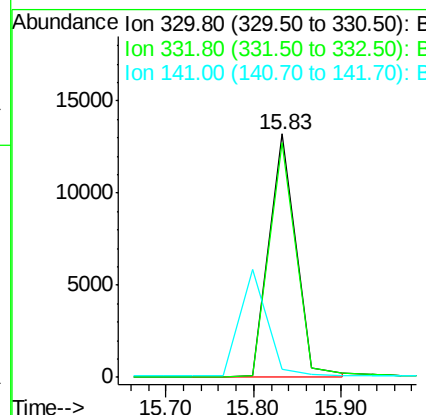
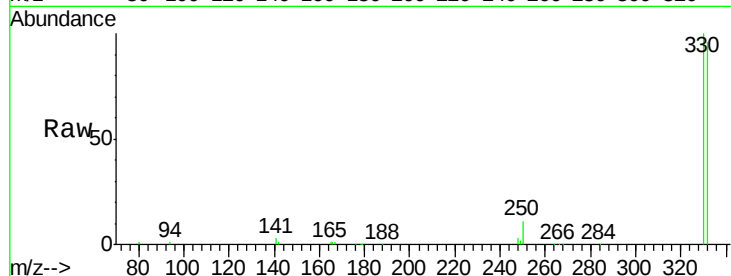
#13
 2,4,6-Tribromophenol
 Concen: 18.32 ng
 RT: 15.83 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001617.D
 Acq: 09 Jun 2015 14:47

Instrument :
 BNA_M
 ClientSampleId :
 060515-P18-E-D-B

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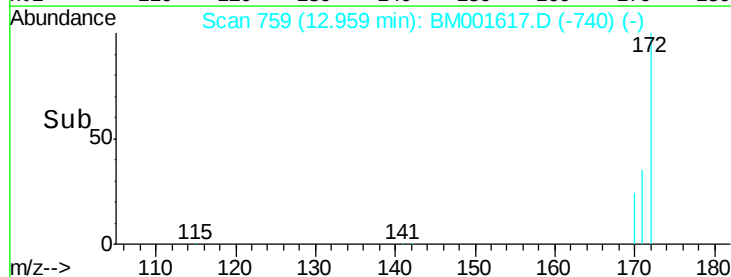
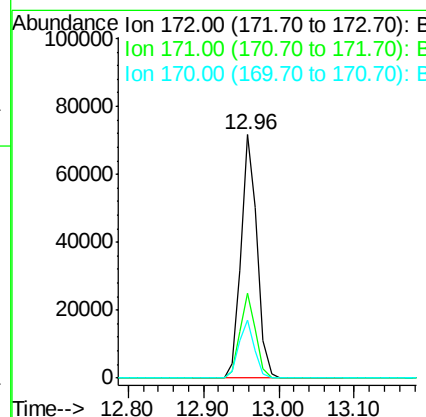
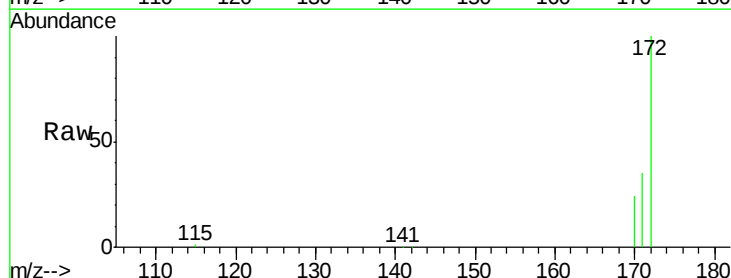
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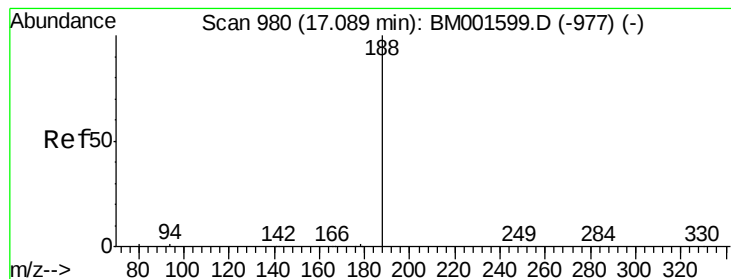
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	28181		
332	96.6	76.7	115.1	
141	0.0	0.0	0.0	



#14
 2-Fluorobiphenyl
 Concen: 10.32 ng
 RT: 12.96 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BM001617.D
 Acq: 09 Jun 2015 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	106731		
171	35.1	29.6	44.4	
170	23.7	20.6	31.0	





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001617.D

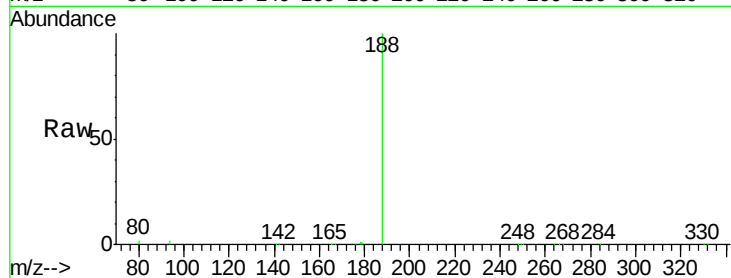
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Instrument :

BNA_M

ClientSampleId :

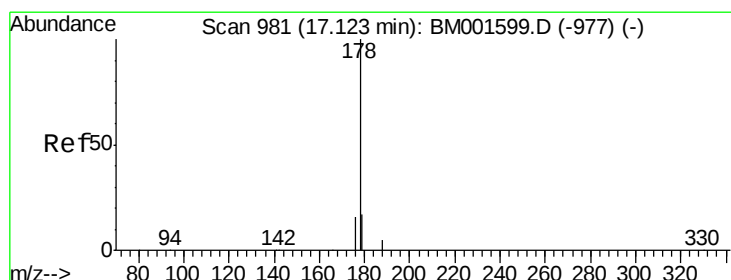
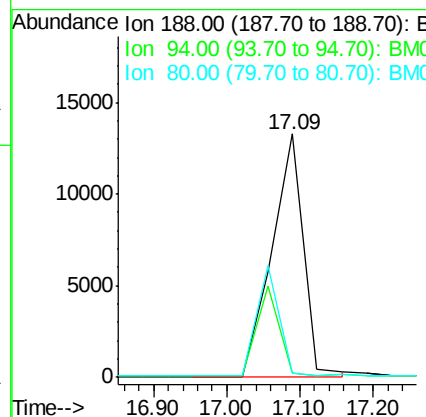
060515-P18-E-D-B



Tgt Ion	Ratio	Resp	Lower	Upper
188	100	39875		
94	1.5	1.0	1.6	
80	1.6	1.0	1.4	

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#22

Phenanthrene

Concen: 0.02 ng

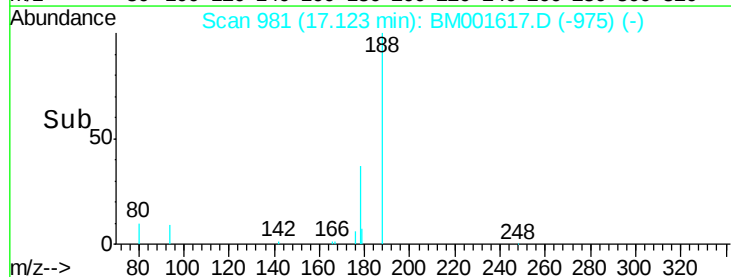
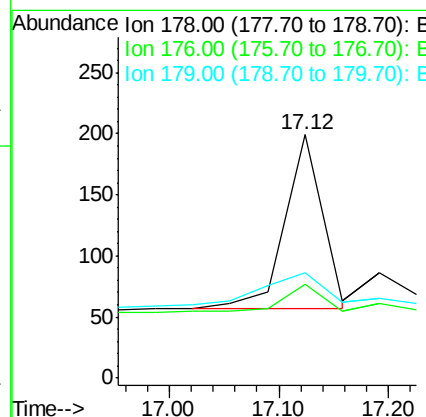
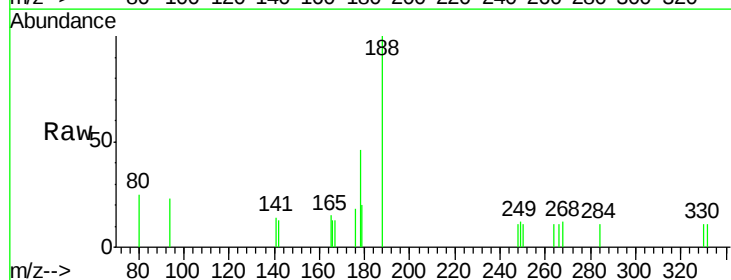
RT: 17.12 min Scan# 981

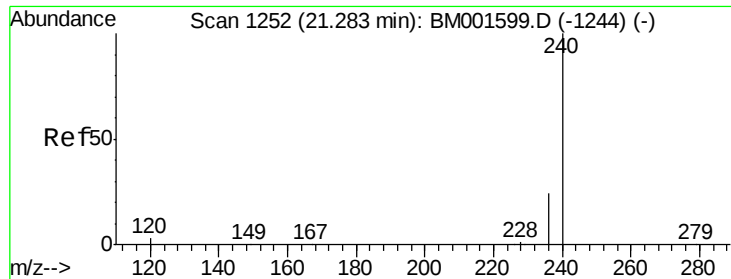
Delta R.T. 0.00 min

Lab File: BM001617.D

Acq: 09 Jun 2015 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	338		
176	17.5	13.2	19.8	
179	31.4	13.8	20.8	





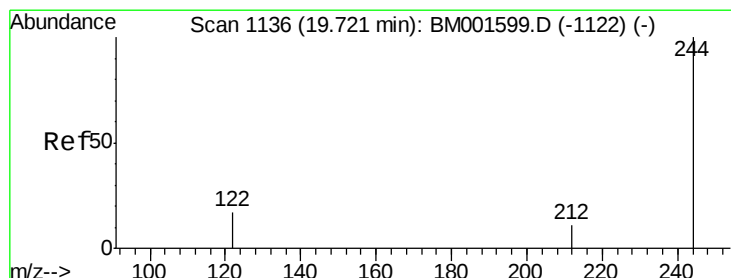
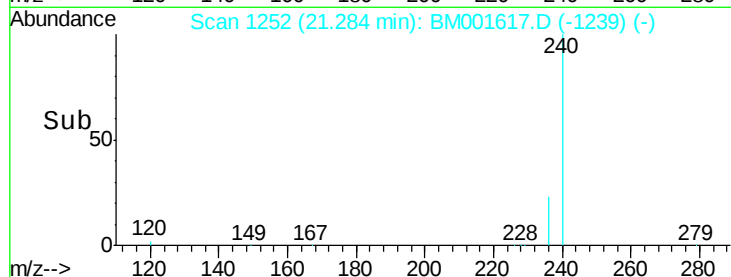
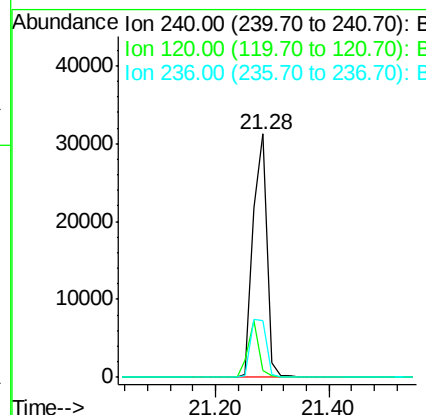
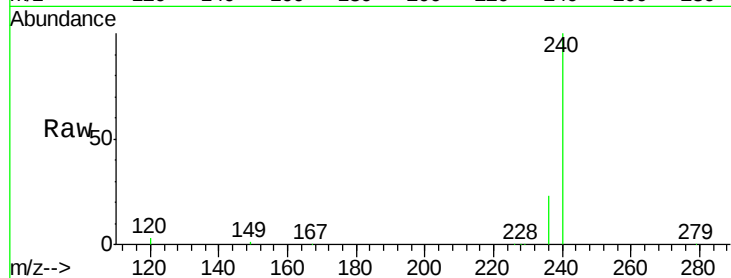
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
240	100		
120	2.8	2.2	3.4
236	23.5	19.6	29.4

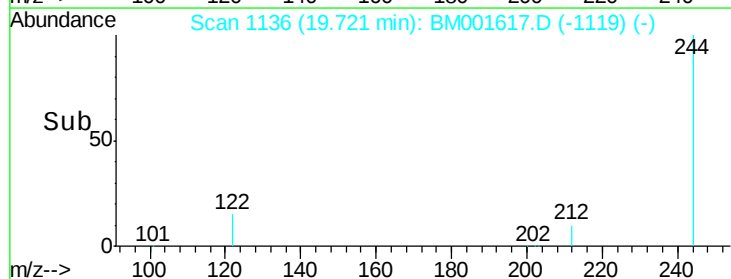
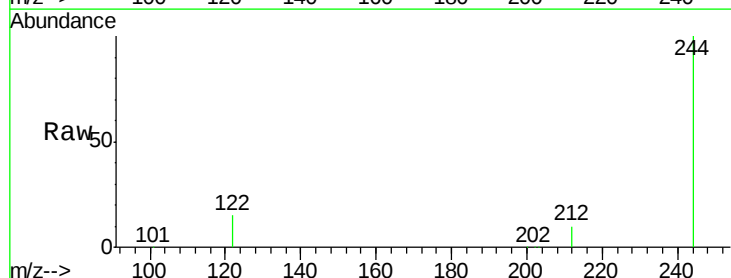
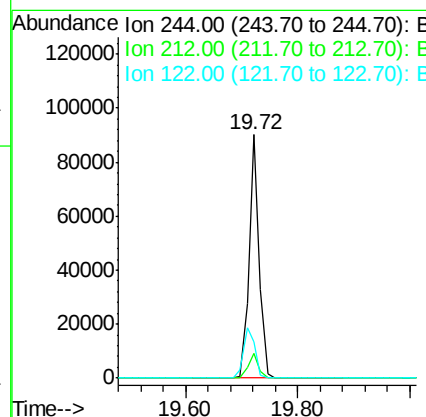
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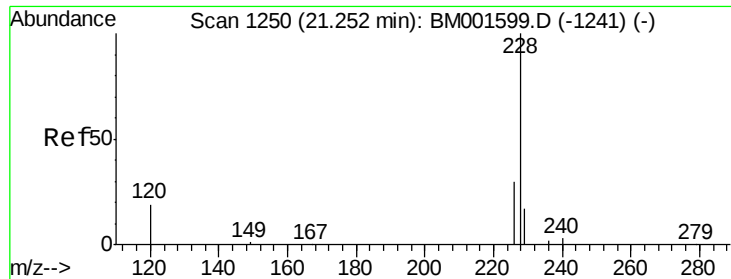
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#27
Terphenyl-d14
Concen: 16.65 ng
RT: 19.72 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.4	9.2	13.8
122	14.7	14.5	21.7





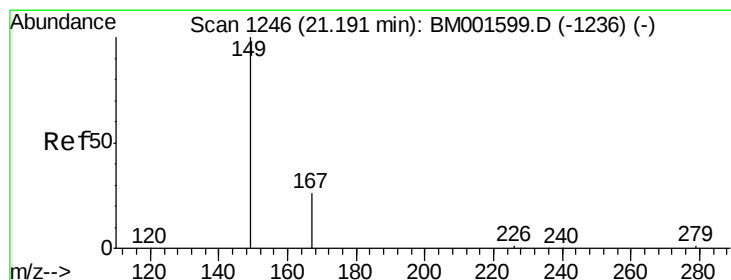
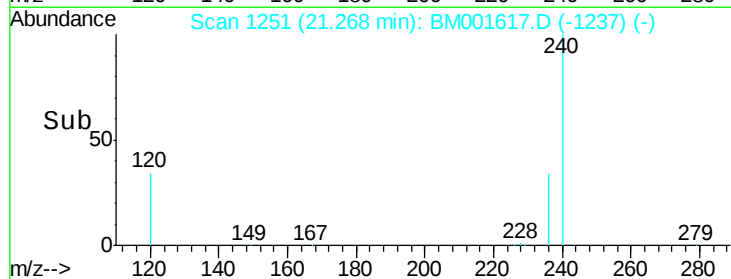
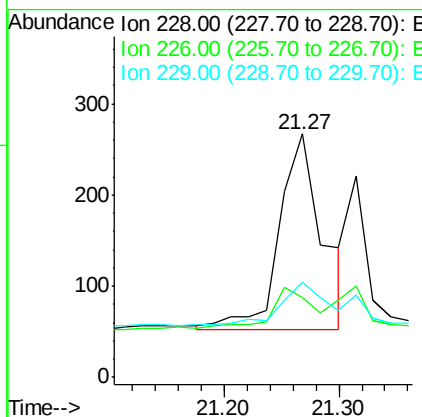
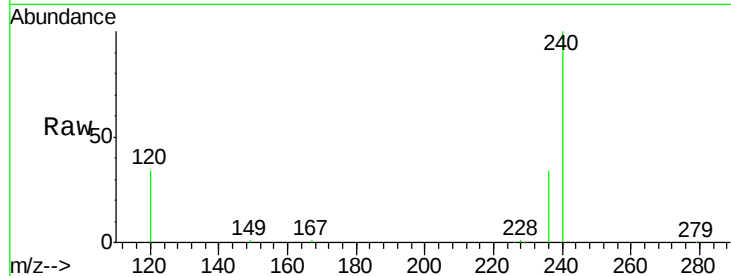
#28
Benzo(a)anthracene
Concen: 0.04 ng m
RT: 21.27 min Scan# 1251
Delta R.T. 0.02 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.6	37.0
229	39.3	13.8	20.8

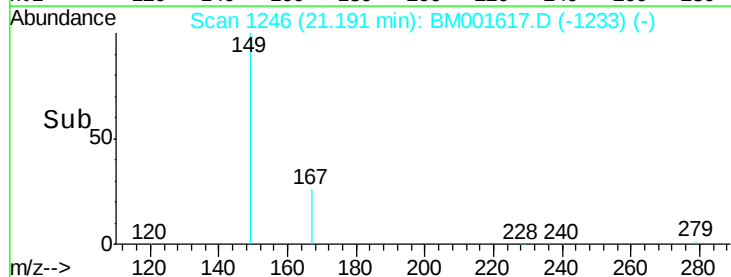
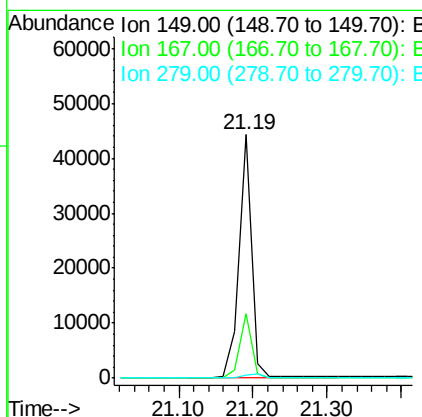
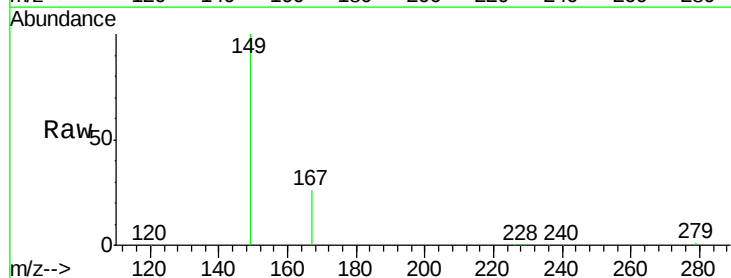
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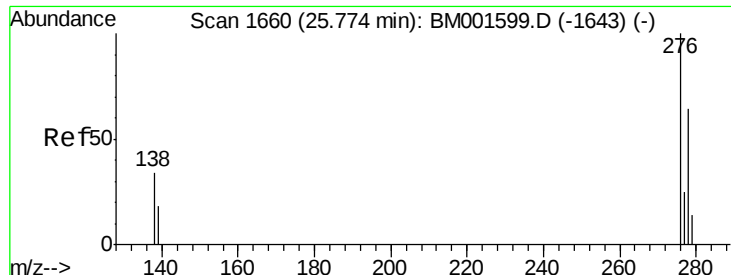
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#30
Bis(2-ethylhexyl)phthalate
Concen: 5.92 ng
RT: 21.19 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.2	30.4
279	1.9	1.7	2.5





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.06 ng

RT: 25.76 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BM001617.D

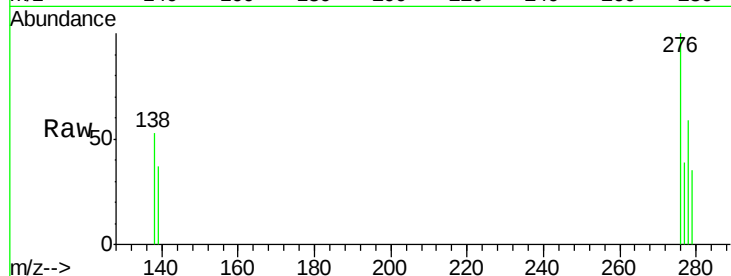
Acq: 09 Jun 2015 14:47

Instrument :

BNA_M

ClientSampleId :

060515-P18-E-D-B



Tgt Ion: 276 Resp: 861

Ion Ratio Lower Upper

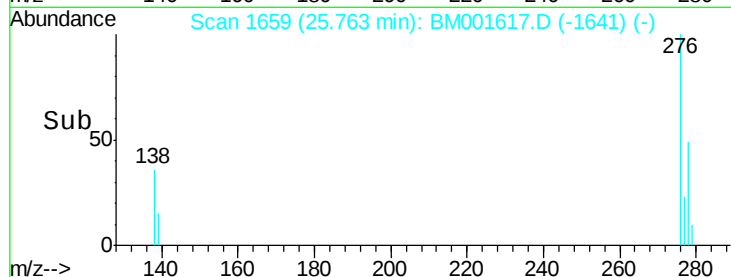
276 100

138 39.3 28.2 42.2

277 26.0 19.4 29.2

Manual Integrations
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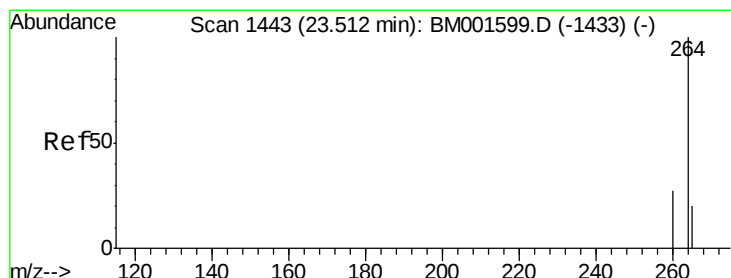
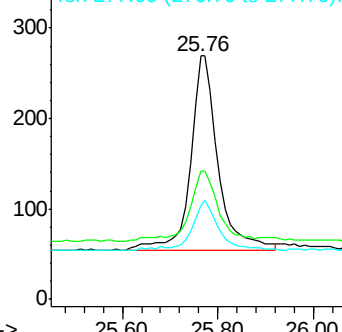
apatel
6/10/2015 1:05:17 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.51 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BM001617.D

Acq: 09 Jun 2015 14:47

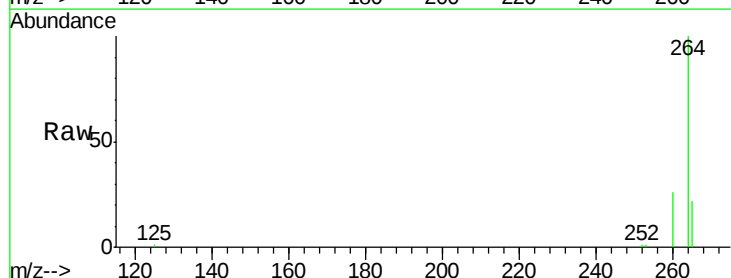
Tgt Ion: 264 Resp: 45073

Ion Ratio Lower Upper

264 100

260 26.4 21.8 32.6

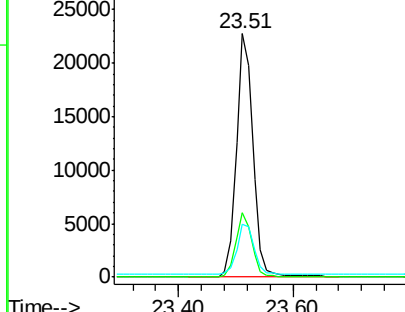
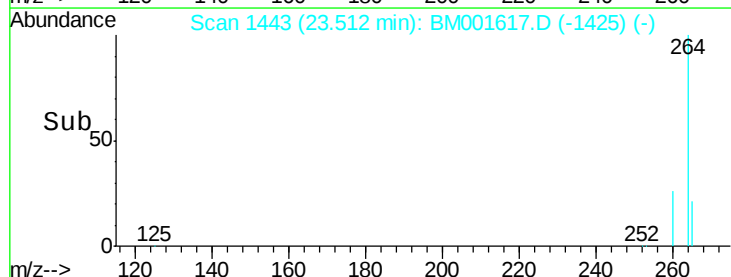
265 21.8 16.8 25.2

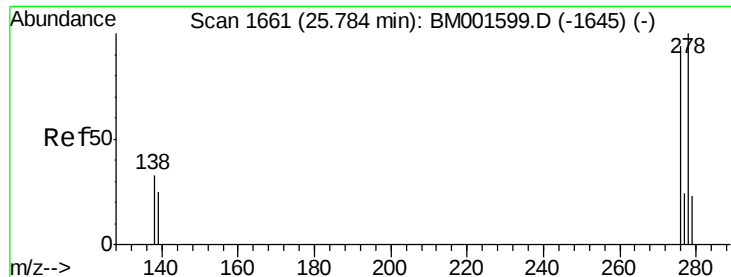


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





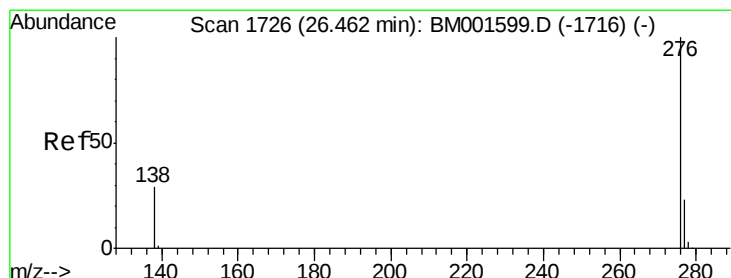
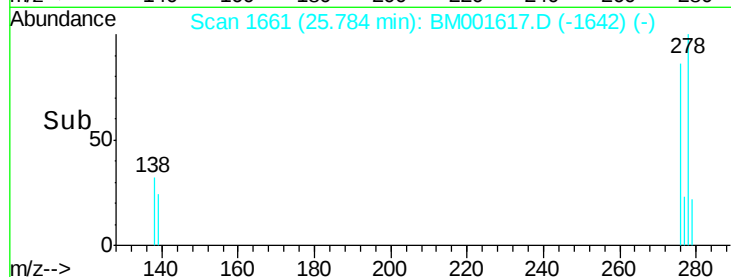
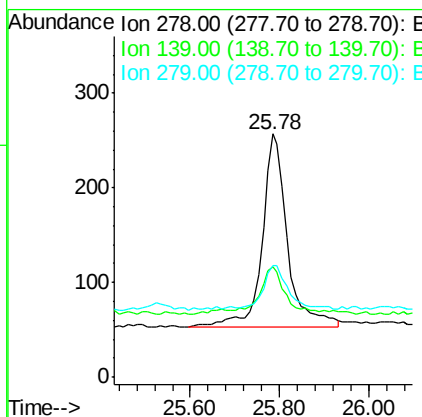
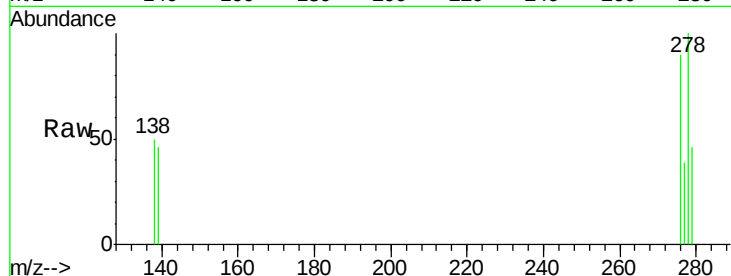
#36
Dibenzo(a,h)anthracene
Concen: 0.07 ng
RT: 25.78 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Instrument :
BNA_M
ClientSampleId :
060515-P18-E-D-B

Tgt Ion	Ratio	Lower	Upper
278	100		
139	45.5	20.6	31.0#
279	45.9	19.7	29.5#

Manual Integrations
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apatel
6/10/2015 1:05:17 PM



#37
Benzo(g,h,i)perylene
Concen: 0.06 ng
RT: 26.46 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM001617.D
Acq: 09 Jun 2015 14:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	42.6	19.4	29.0#
138	51.1	24.5	36.7#

