

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
 Data File : BM001619.D
 Acq On : 09 Jun 2015 16:00
 Operator : TP/IZ
 Sample : G2558-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jun 10 10:47:39 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	20921	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	76201	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	35805	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	42109	5.00	ng	0.00
25) Chrysene-d12	21.28	240	54806	5.00	ng	0.00
32) Perylene-d12	23.51	264	47174	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	20190	4.24	ng	0.00
5) Phenol-d6	6.84	99	16839	2.88	ng	0.00
7) Nitrobenzene-d5	8.85	82	43256	8.06	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	25634	14.81	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	96461	8.28	ng	0.00
27) Terphenyl-d14	19.72	244	88300	12.35	ng	0.00
Target Compounds						
9) Naphthalene	10.52	128	349	0.02	ng	# 57
11) 2-Methylnaphthalene	12.15	142	473	0.05	ng	# 95
24) Fluoranthene	19.14	202	526	0.03	ng	# 89
26) Pyrene	19.50	202	579	0.03	ng	# 94
30) Bis(2-ethylhexyl)phthalate	21.19	149	105688	11.43	ng	99
31) Indeno(1,2,3-cd)pyrene	25.76	276	495	0.03	ng	# 78
37) Benzo(g,h,i)perylene	26.46	276	450	0.04	ng	# 51

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

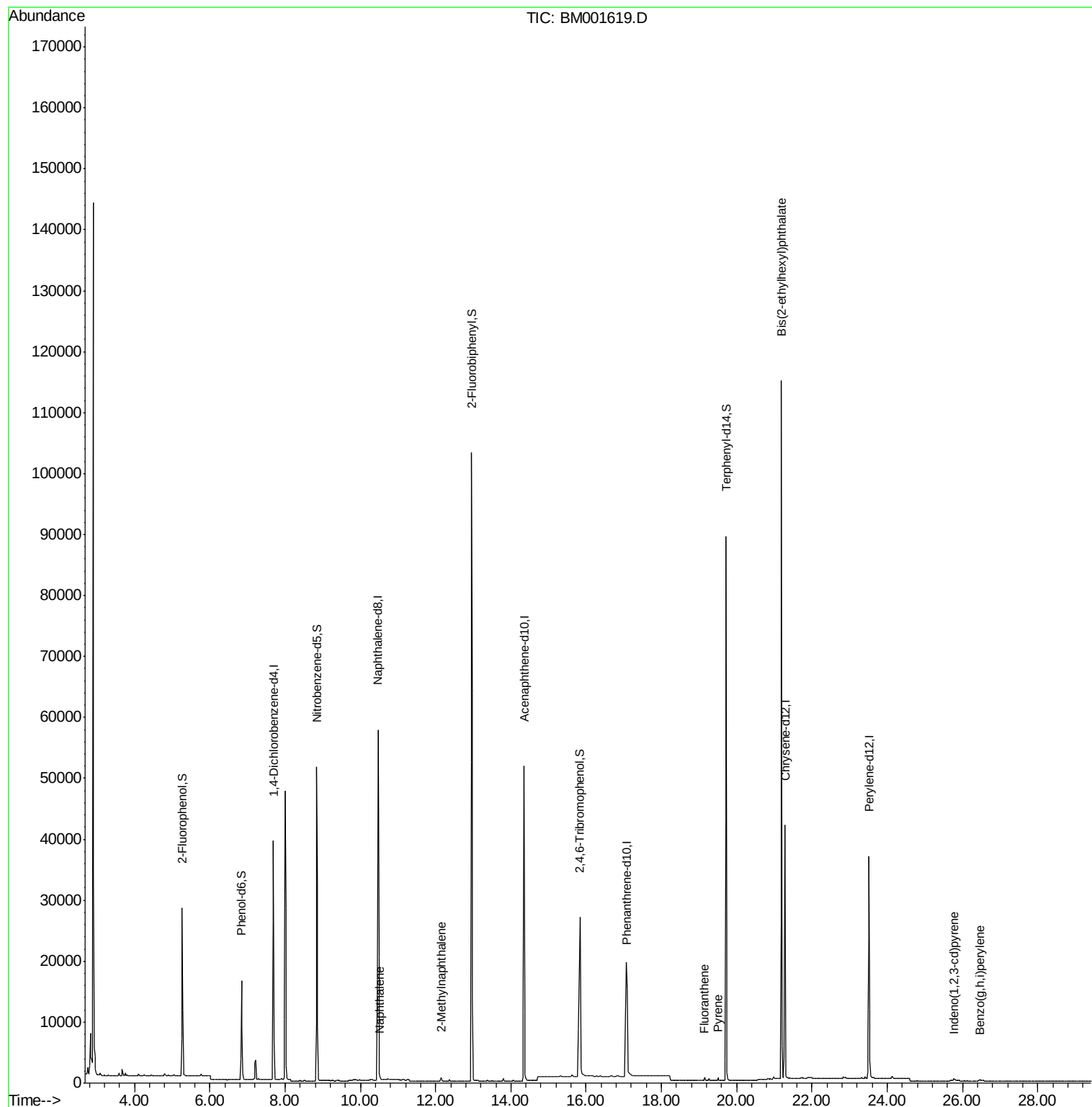
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
Data File : BM001619.D
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Misc :
ALS Vial : 24 Sample Multiplier: 1

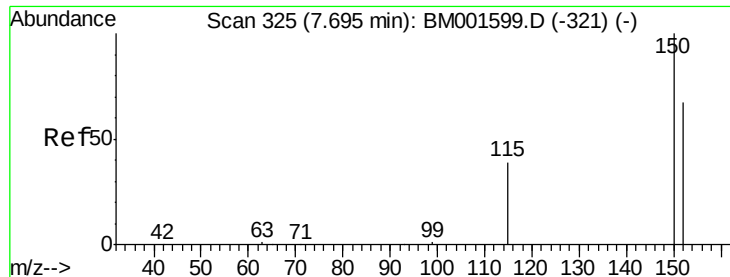
Instrument :
BNA_M
ClientSampleId :
060515-P18-E-U-B

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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: BM001619.D

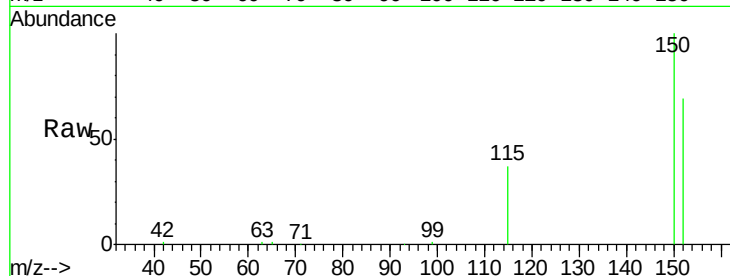
Acq: 09 Jun 2015 16:00

Instrument :

BNA_M

ClientSampleId :

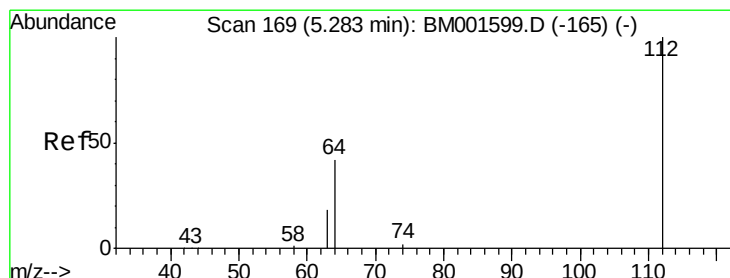
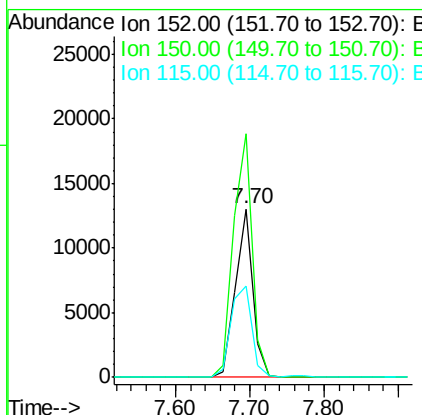
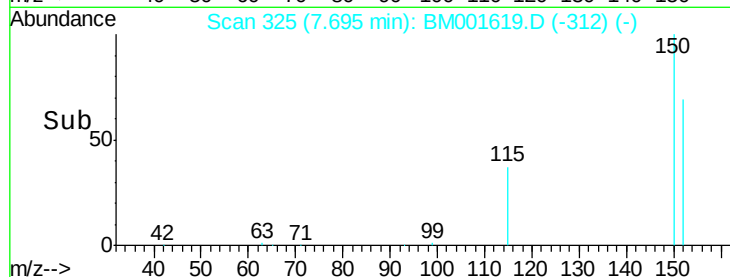
060515-P18-E-U-B



Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.3	120.1	180.1
115	54.1	47.0	70.6

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#4

2-Fluorophenol

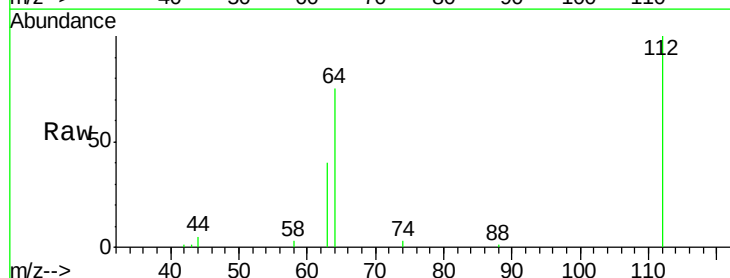
Concen: 4.24 ng

RT: 5.27 min Scan# 168

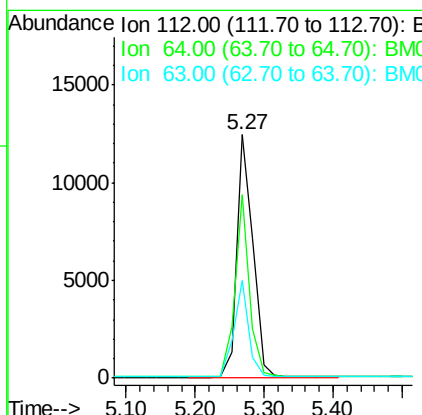
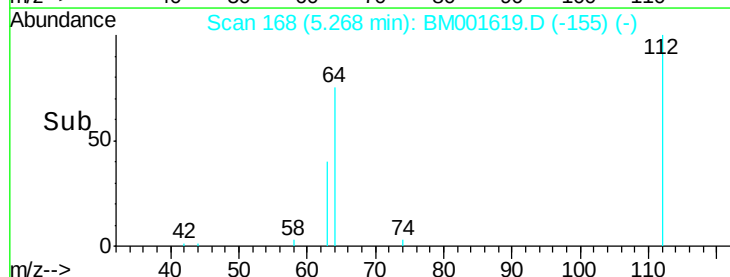
Delta R.T. 0.00 min

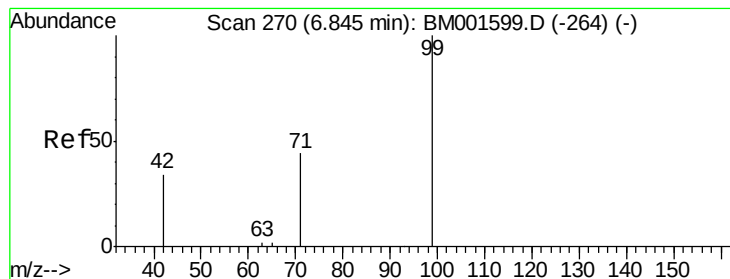
Lab File: BM001619.D

Acq: 09 Jun 2015 16:00



Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	54.8	82.2
63	37.2	30.5	45.7





#5

Phenol-d6

Concen: 2.88 ng

RT: 6.84 min Scan# 270

Delta R.T. 0.00 min

Lab File: BM001619.D

Acq: 09 Jun 2015 16:00

Instrument :

BNA_M

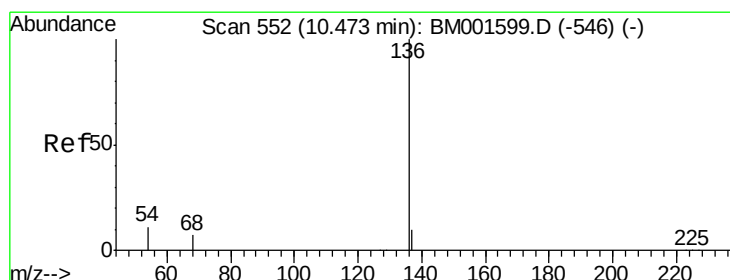
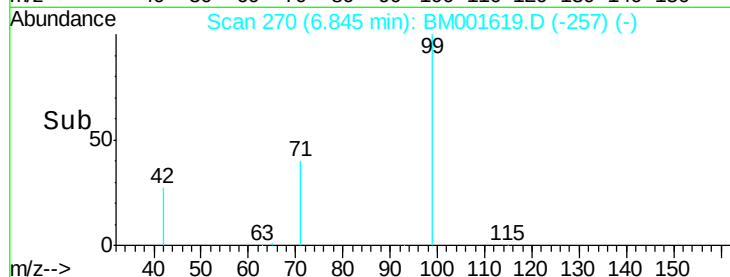
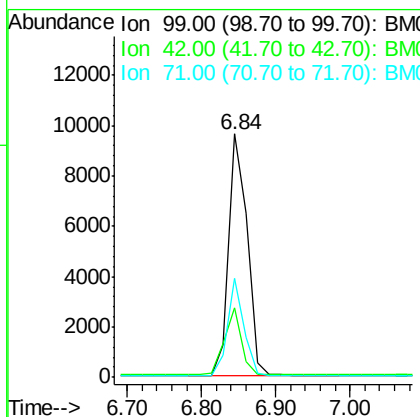
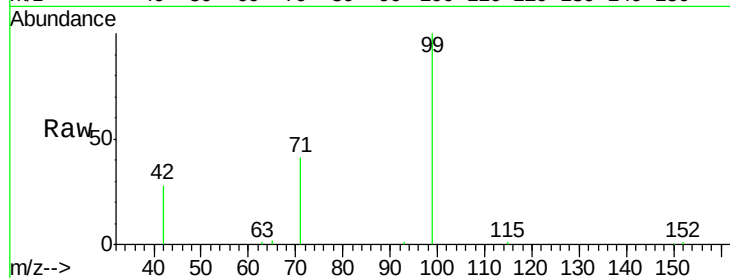
ClientSampleId :

060515-P18-E-U-B

Tgt Ion:	99	Resp:	16839
Ion Ratio	Lower	Upper	
99	100		
42	24.9	21.6	32.4
71	35.6	28.7	43.1

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#6

Naphthalene-d8

Concen: 5.00 ng

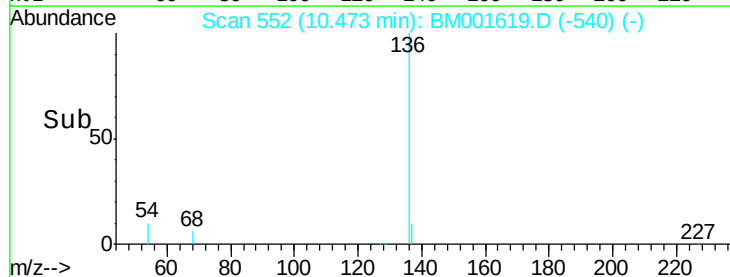
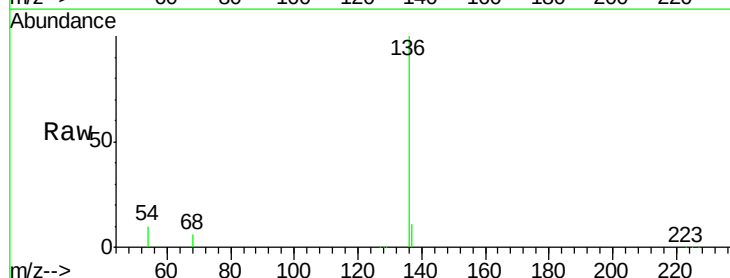
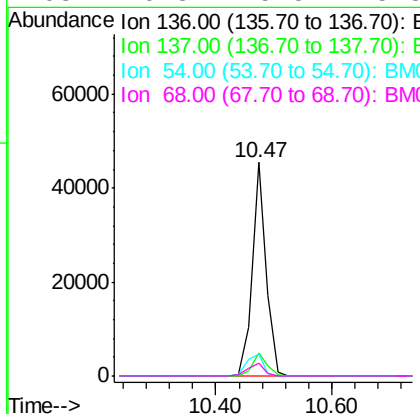
RT: 10.47 min Scan# 552

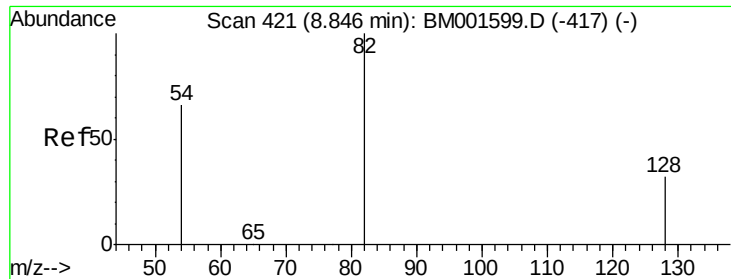
Delta R.T. 0.00 min

Lab File: BM001619.D

Acq: 09 Jun 2015 16:00

Tgt Ion:	136	Resp:	76201
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.3	12.5
54	10.0	9.2	13.8
68	6.3	5.5	8.3





#7

Nitrobenzene-d5

Concen: 8.06 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM001619.D

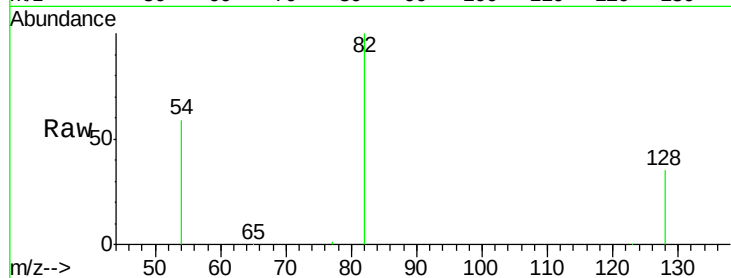
Acq: 09 Jun 2015 16:00

Instrument :

BNA_M

ClientSampleId :

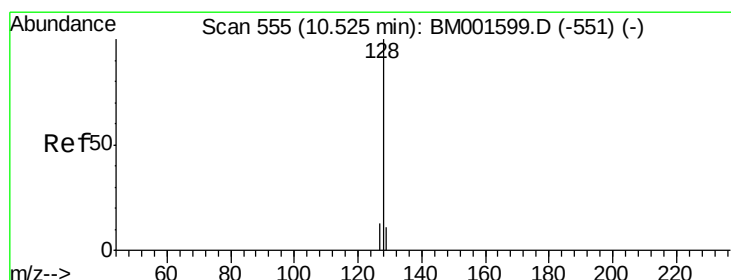
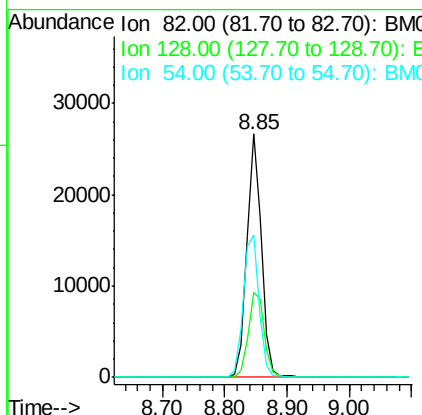
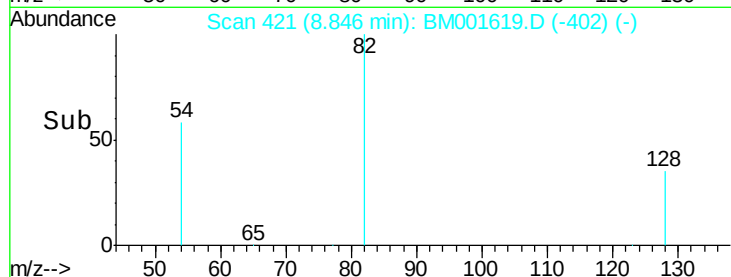
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Tgt Ion	82	Resp	43256
Ion Ratio	100	Lower	Upper
128	34.9	26.6	40.0
54	58.6	53.0	79.6

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#9

Naphthalene

Concen: 0.02 ng

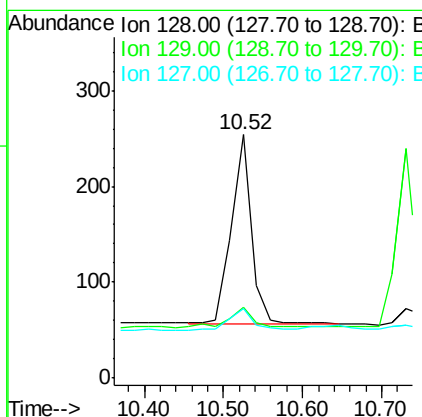
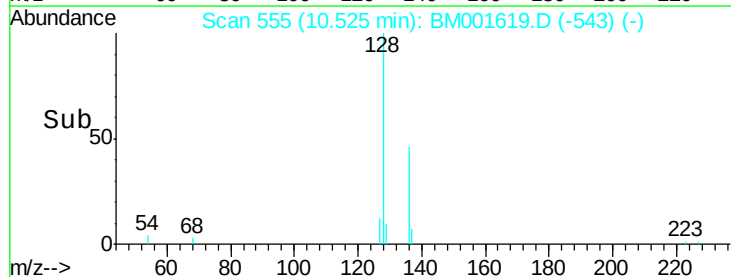
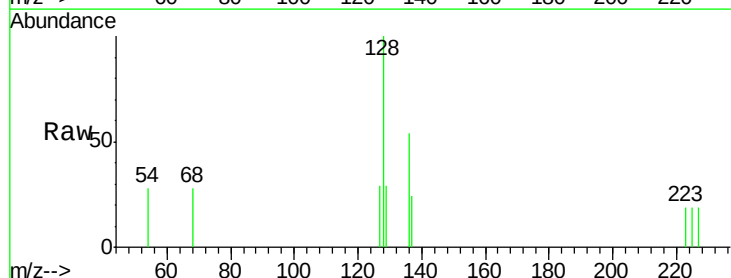
RT: 10.52 min Scan# 555

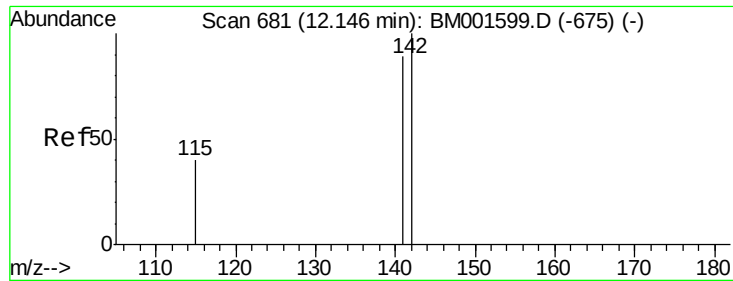
Delta R.T. 0.00 min

Lab File: BM001619.D

Acq: 09 Jun 2015 16:00

Tgt Ion	128	Resp	349
Ion Ratio	100	Lower	Upper
129	29.1	9.1	13.7#
127	28.7	10.4	15.6#





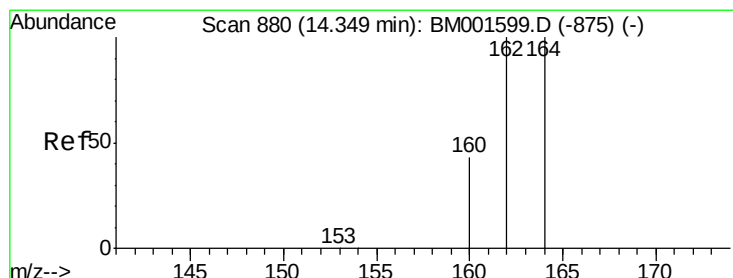
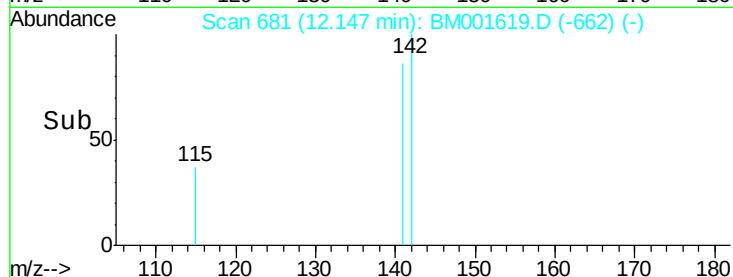
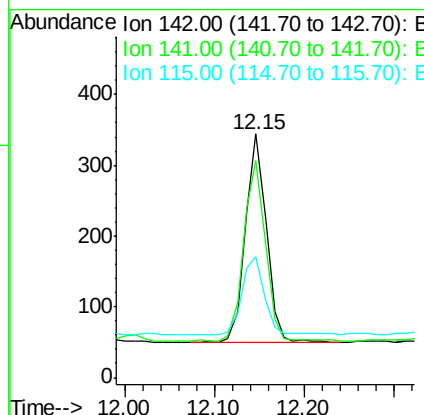
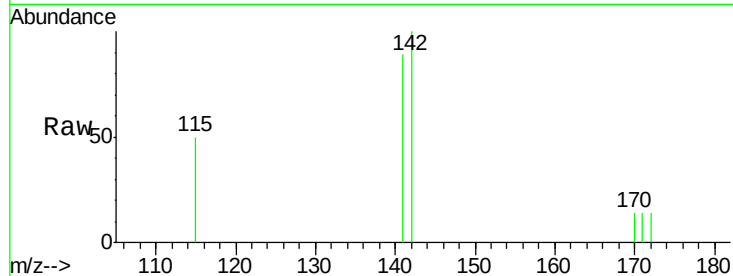
#11
2-Methylnaphthalene
Concen: 0.05 ng
RT: 12.15 min Scan# 681
Delta R.T. 0.00 min
Lab File: BM001619.D
Acq: 09 Jun 2015 16:00

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

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	49.7	32.1	48.1

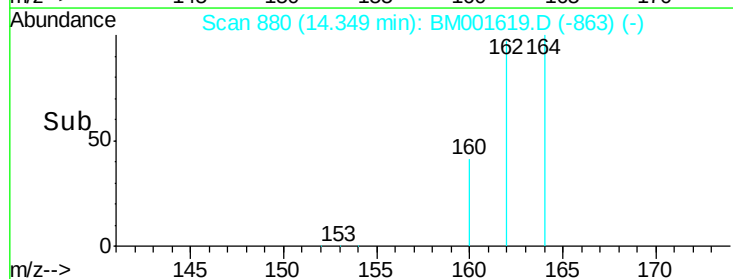
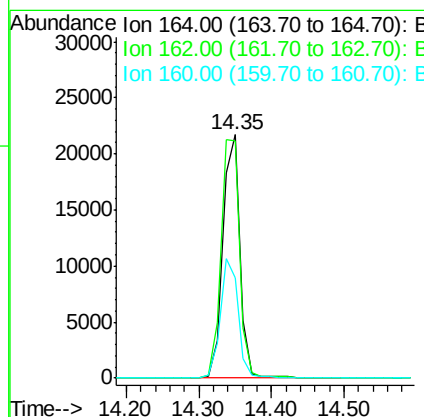
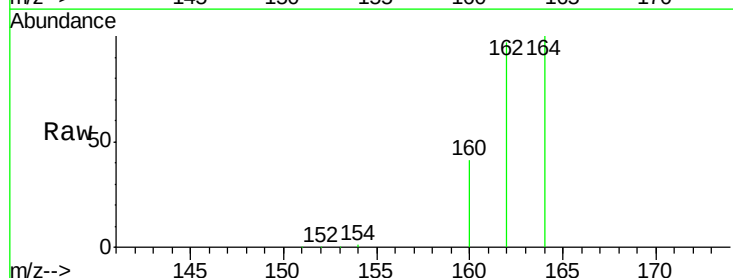
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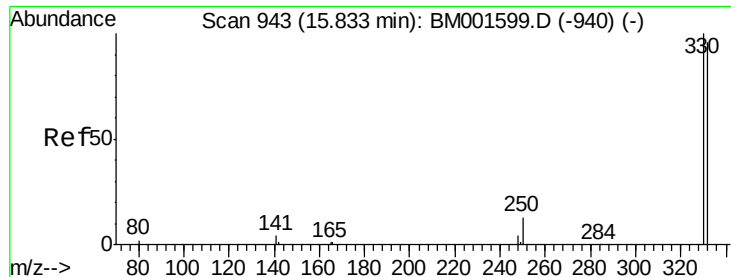
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#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. 0.00 min
Lab File: BM001619.D
Acq: 09 Jun 2015 16:00

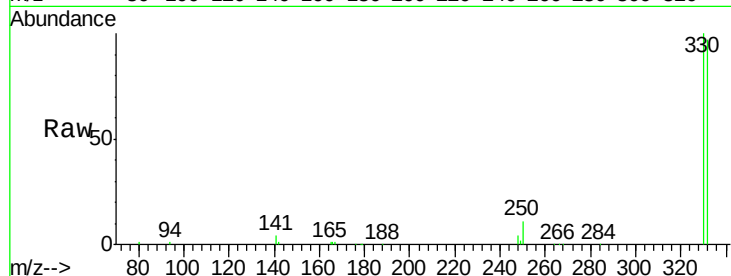
Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.2	79.8	119.6
160	41.2	34.6	51.8





#13
 2,4,6-Tribromophenol
 Concen: 14.81 ng
 RT: 15.83 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001619.D
 Acq: 09 Jun 2015 16:00

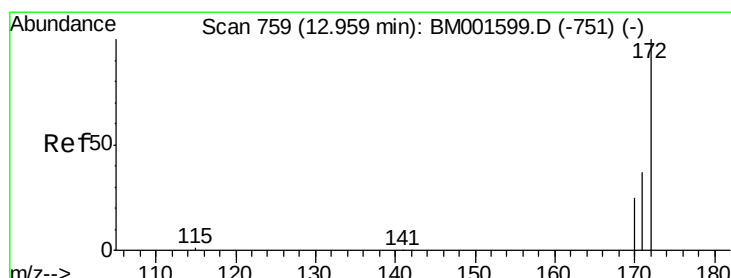
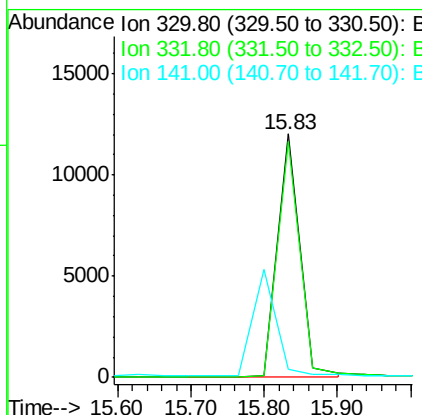
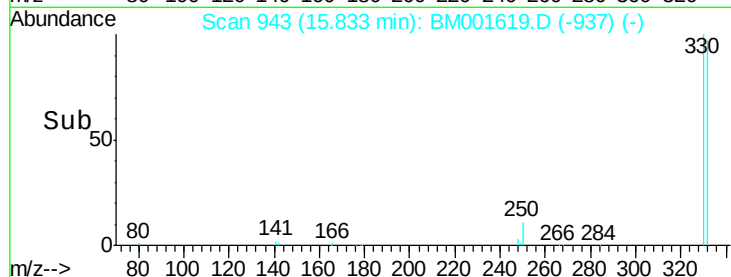
Instrument :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.7	115.1
141	0.0	0.0	0.0

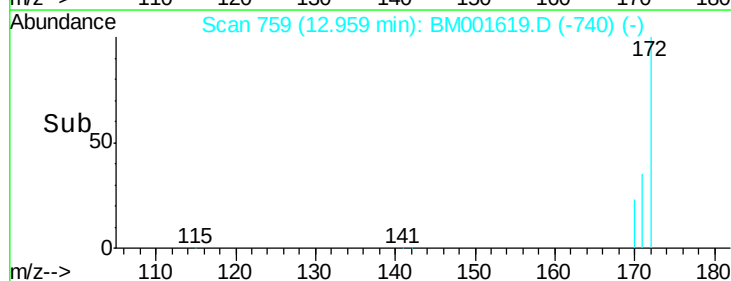
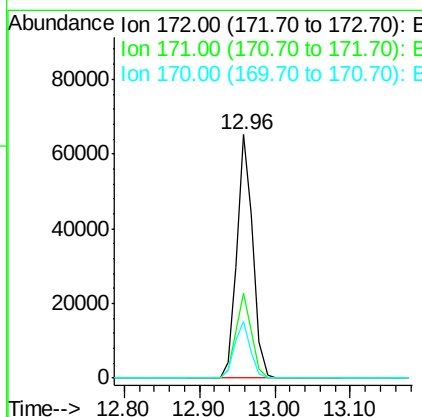
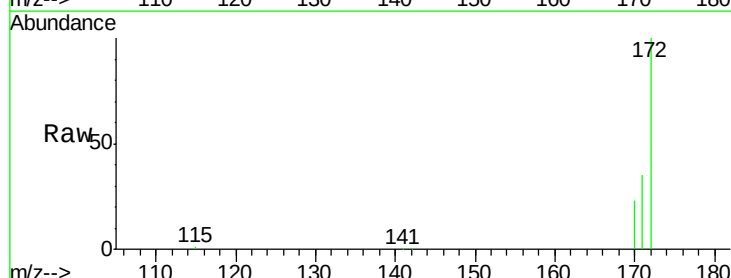
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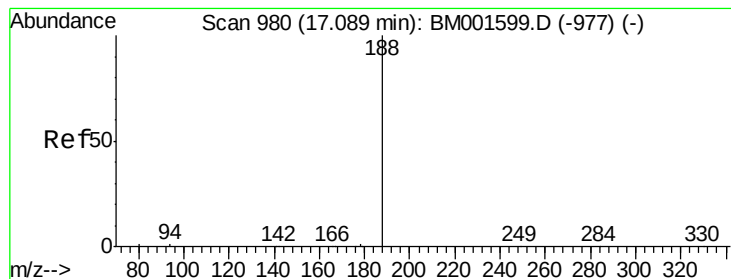
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#14
 2-Fluorobiphenyl
 Concen: 8.28 ng
 RT: 12.96 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BM001619.D
 Acq: 09 Jun 2015 16:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	23.1	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: BM001619.D

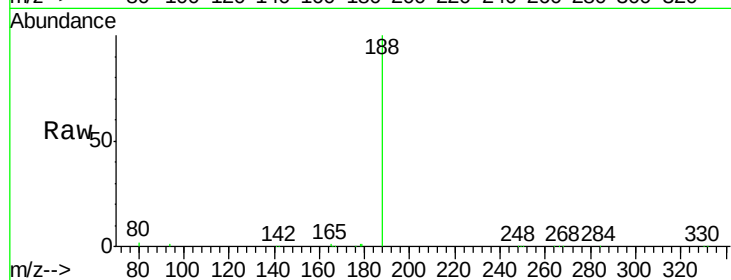
Acq: 09 Jun 2015 16:00

Instrument :

BNA_M

ClientSampleId :

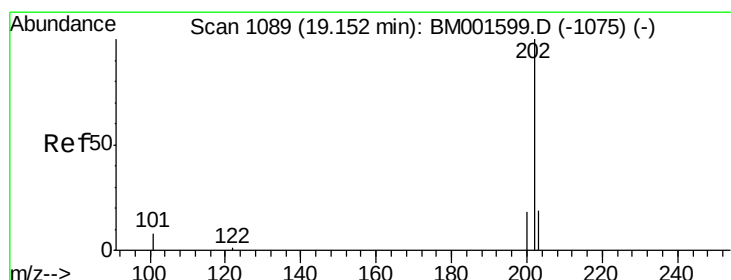
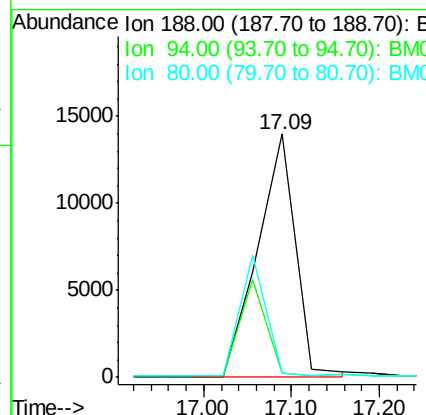
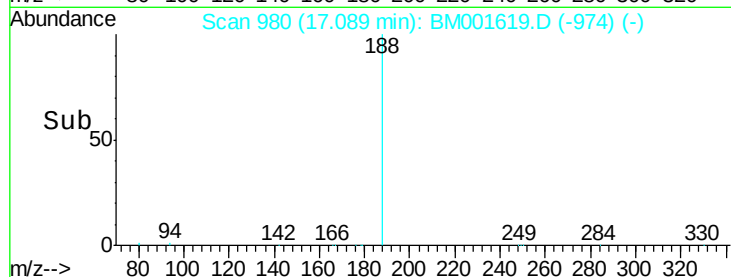
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Tgt Ion:	188	Resp:	42109
Ion Ratio	100	Lower	Upper
188	100		
94	1.5	1.0	1.6
80	1.5	1.0	1.4#

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#24

Fluoranthene

Concen: 0.03 ng

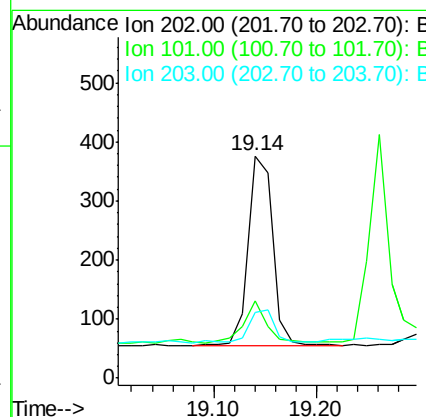
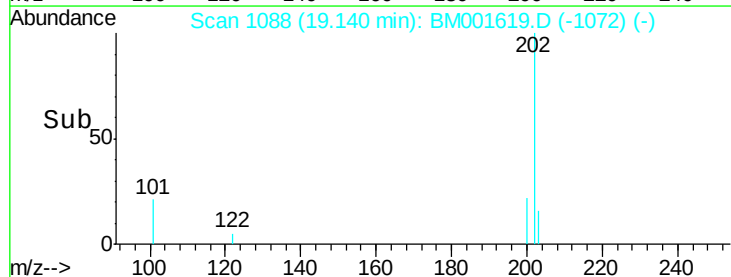
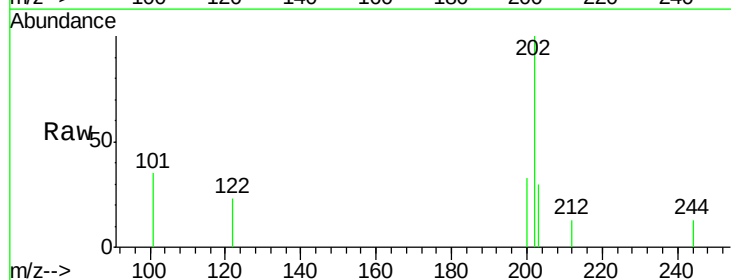
RT: 19.14 min Scan# 1088

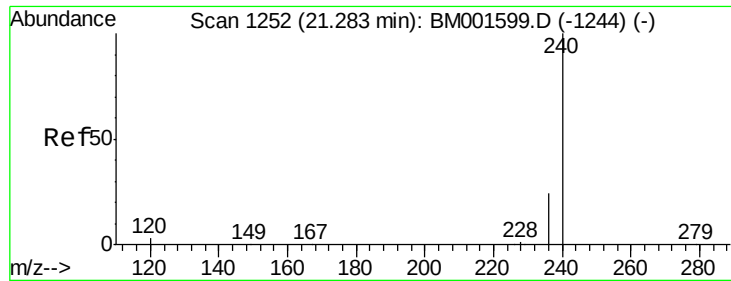
Delta R.T. -0.01 min

Lab File: BM001619.D

Acq: 09 Jun 2015 16:00

Tgt Ion:	202	Resp:	526
Ion Ratio	100	Lower	Upper
202	100		
101	20.9	10.4	15.6#
203	19.2	13.8	20.6





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001619.D

Acq: 09 Jun 2015 16:00

Instrument :

BNA_M

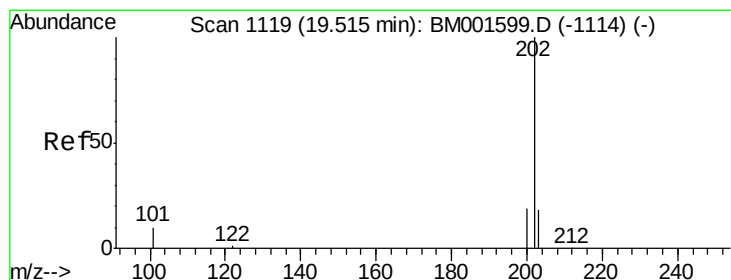
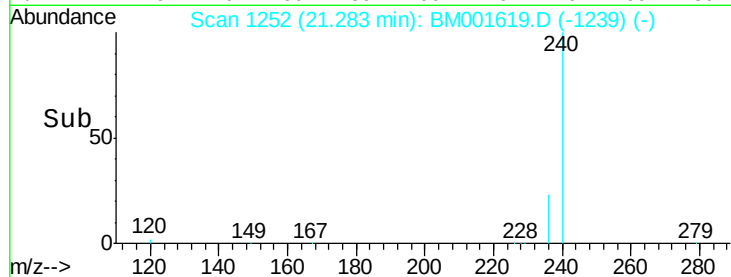
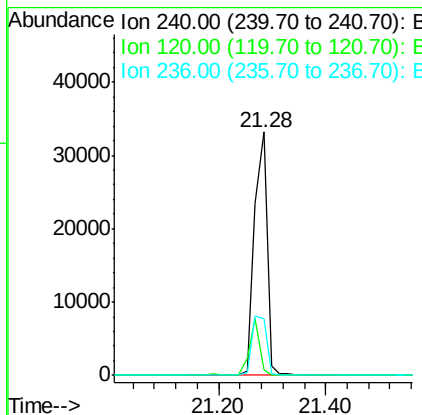
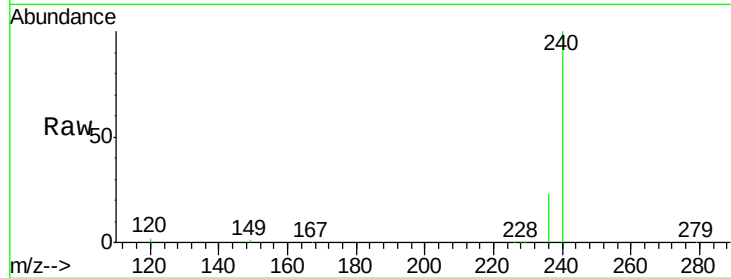
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
240	100		
120	2.1	2.2	3.4#
236	23.3	19.6	29.4

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#26

Pyrene

Concen: 0.03 ng

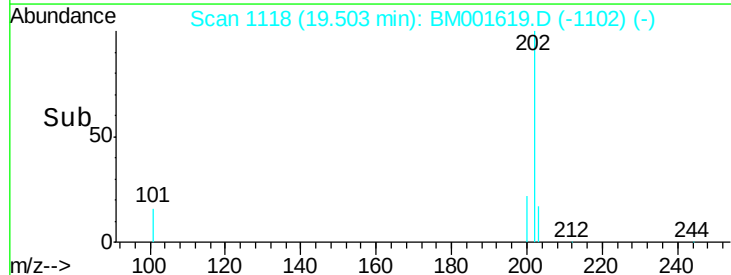
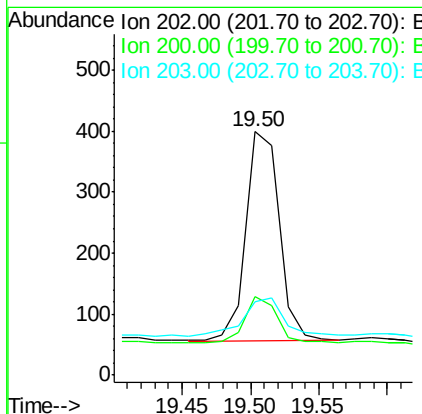
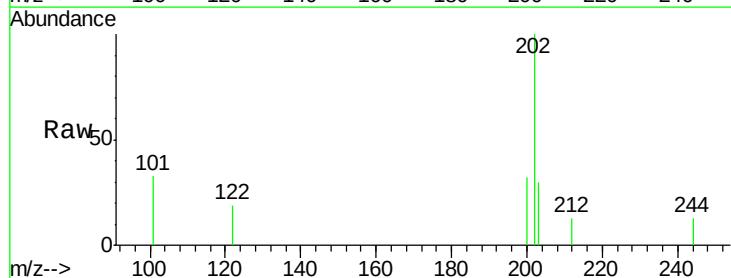
RT: 19.50 min Scan# 1118

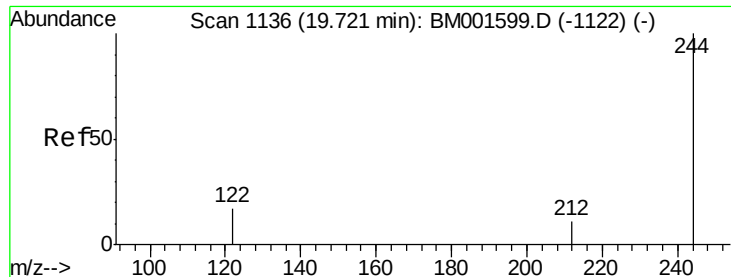
Delta R.T. -0.01 min

Lab File: BM001619.D

Acq: 09 Jun 2015 16:00

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	22.8	14.0	21.0#





#27

Terphenyl-d14

Concen: 12.35 ng

RT: 19.72 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BM001619.D

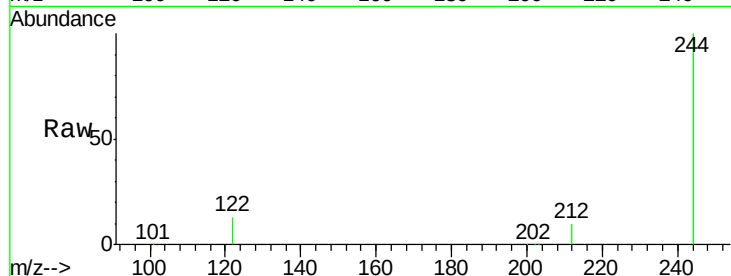
Acq: 09 Jun 2015 16:00

Instrument :

BNA_M

ClientSampleId :

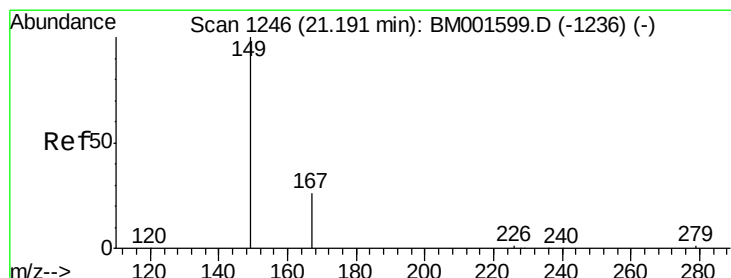
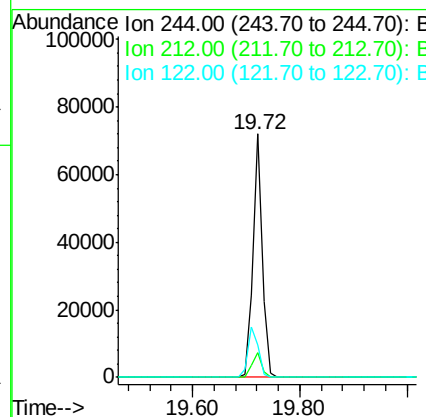
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Tgt Ion:	244	Resp:	88300
Ion Ratio	Lower	Upper	
244	100		
212	10.1	9.2	13.8
122	13.3	14.5	21.7#

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#30

Bis(2-ethylhexyl)phthalate

Concen: 11.43 ng

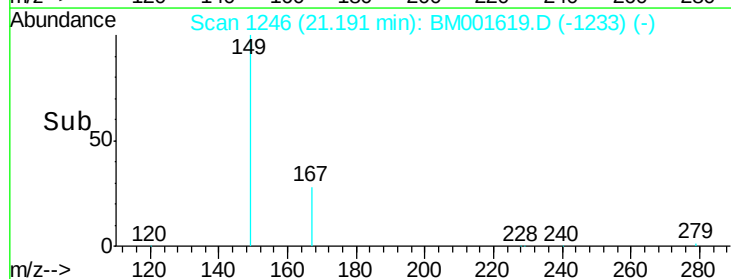
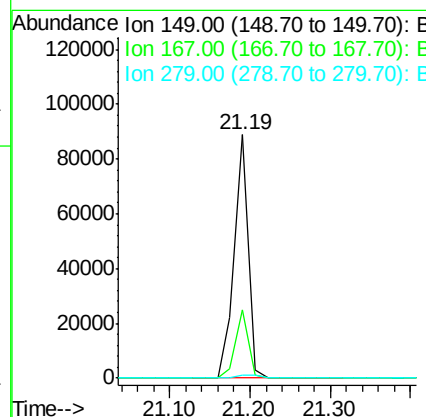
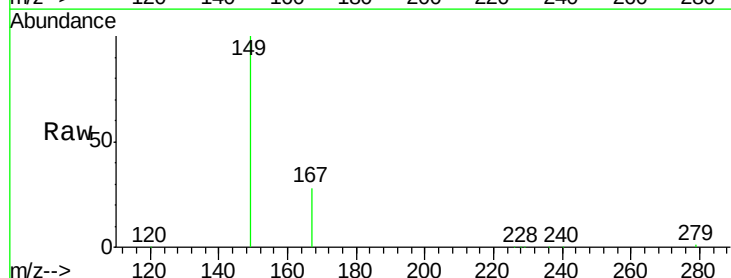
RT: 21.19 min Scan# 1246

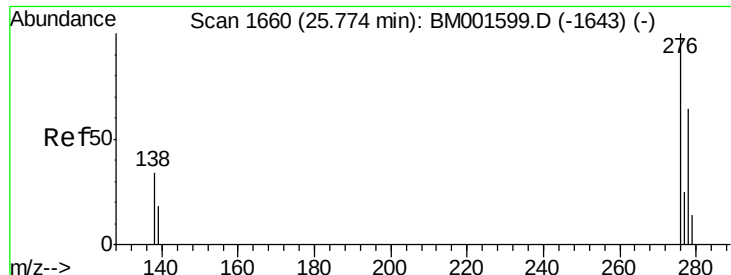
Delta R.T. 0.00 min

Lab File: BM001619.D

Acq: 09 Jun 2015 16:00

Tgt Ion:	149	Resp:	105688
Ion Ratio	Lower	Upper	
149	100		
167	26.0	20.2	30.4
279	2.0	1.7	2.5





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng

RT: 25.76 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BM001619.D

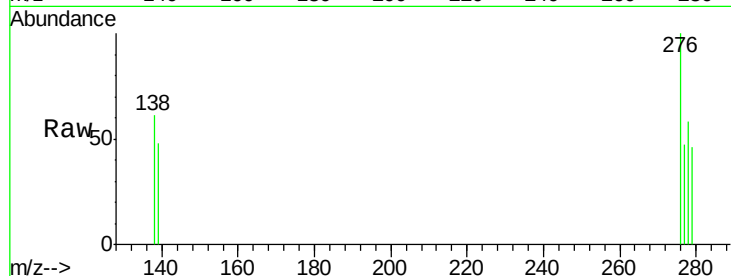
Acq: 09 Jun 2015 16:00

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion: 276 Resp: 495

Ion Ratio Lower Upper

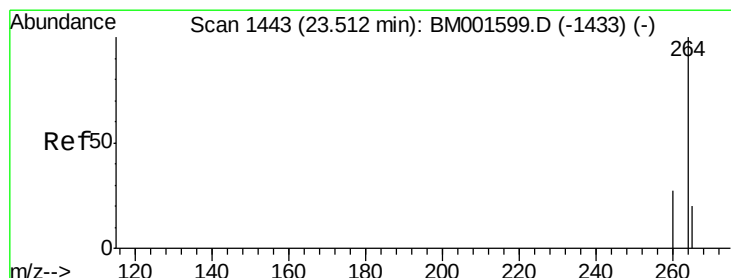
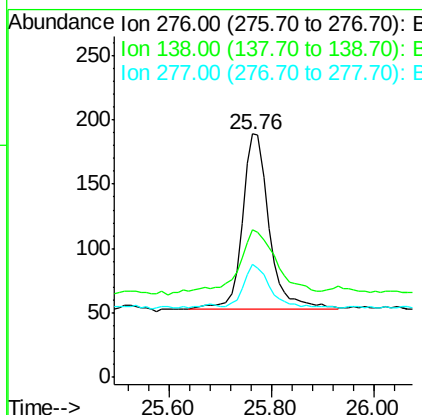
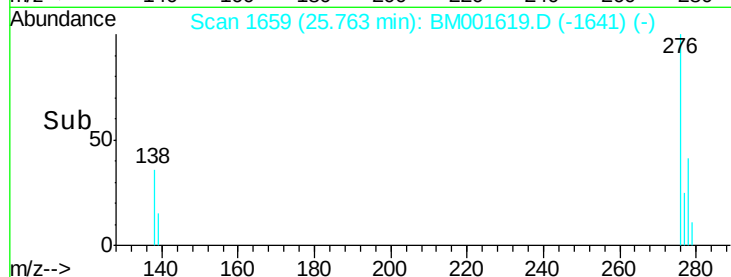
276 100

138 55.6 28.2 42.2#

277 23.2 19.4 29.2

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#32

Perylene-d12

Concen: 5.00 ng

RT: 23.51 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BM001619.D

Acq: 09 Jun 2015 16:00

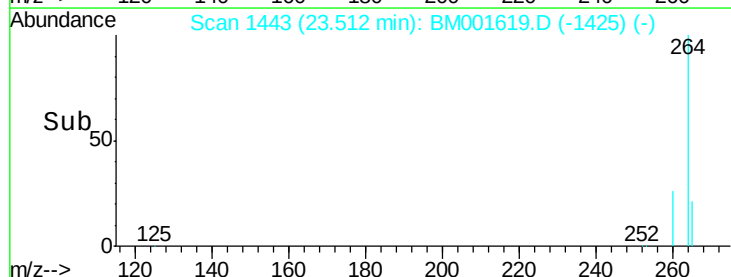
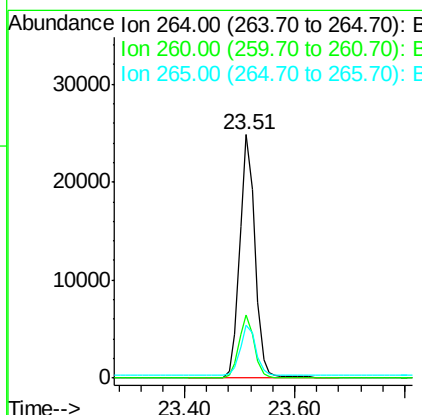
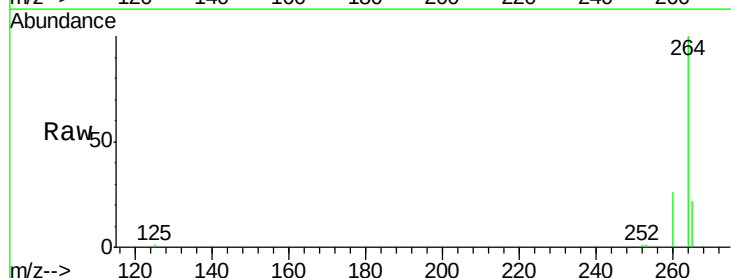
Tgt Ion: 264 Resp: 47174

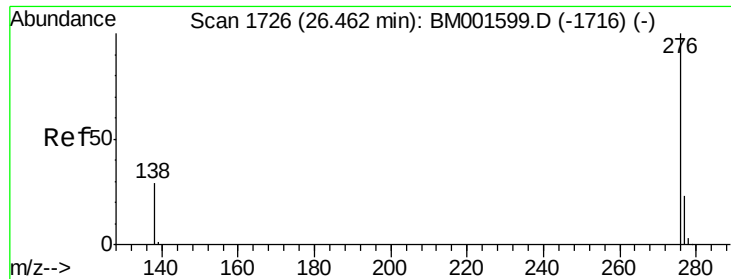
Ion Ratio Lower Upper

264 100

260 25.8 21.8 32.6

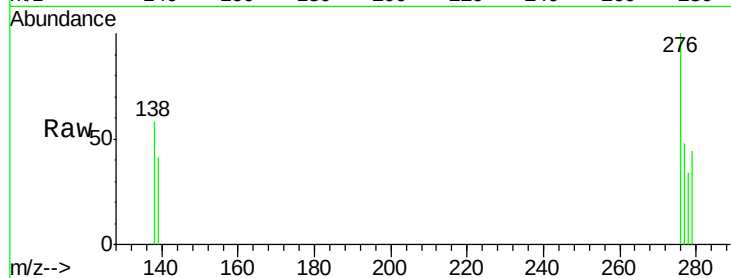
265 21.7 16.8 25.2





#37
 Benzo(g,h,i)perylene
 Concen: 0.04 ng
 RT: 26.46 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BM001619.D
 Acq: 09 Jun 2015 16:00

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



Tgt	Ion	276	Resp	450
Ion	Ratio	Lower	Upper	
276	100			
277	47.6	19.4	29.0	#
138	58.2	24.5	36.7	#

Manual Integrations
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