

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
 Data File : BM001618.D
 Acq On : 09 Jun 2015 15:24
 Operator : TP/IZ
 Sample : G2558-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jun 10 03:58:00 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	7.69	152	21248	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	76984	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	36207	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	42509	5.00	ng	0.00
25) Chrysene-d12	21.28	240	55039	5.00	ng	0.00
32) Perylene-d12	23.51	264	48484	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	22802	4.72	ng	0.00
5) Phenol-d6	6.84	99	19322	3.25	ng	0.00
7) Nitrobenzene-d5	8.85	82	41628	7.67	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	24695	14.12	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	91228	7.74	ng	0.00
27) Terphenyl-d14	19.72	244	75769	10.55	ng	0.00
Target Compounds						
28) Benzo(a)anthracene	21.27	228	459m	0.03	ng	Qvalue
30) Bis(2-ethylhexyl)phthalate	21.19	149	118648	12.77	ng	100
31) Indeno(1,2,3-cd)pyrene	25.77	276	552	0.04	ng	92
37) Benzo(g,h,i)perylene	26.46	276	437	0.03	ng	# 53

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

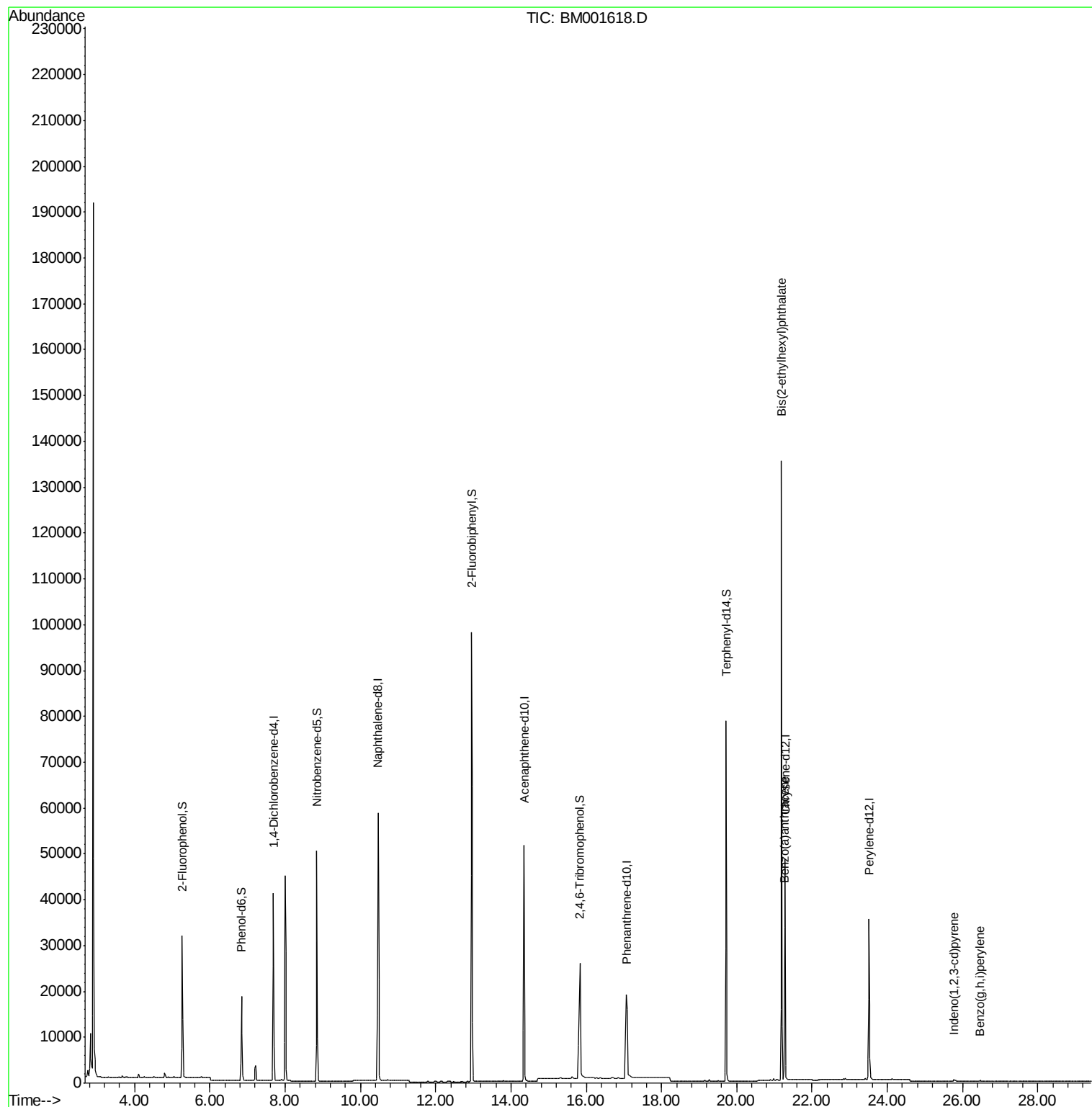
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
Data File : BM001618.D
Acq On : 09 Jun 2015 15:24
Operator : TP/IZ
Sample : G2558-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

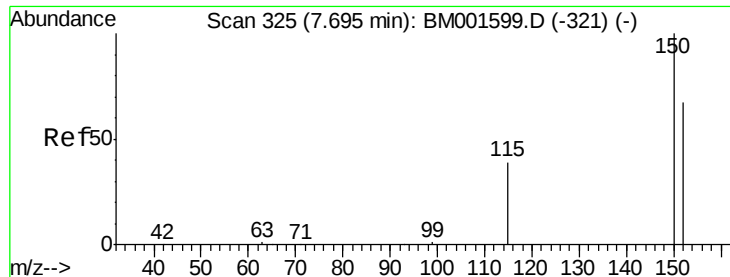
Instrument :
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060515-P18-E-D-S

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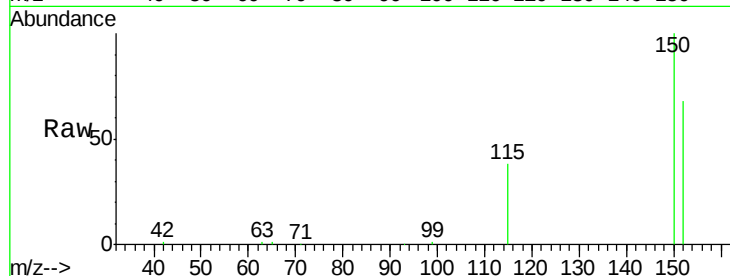




#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001618.D
Acq: 09 Jun 2015 15:24

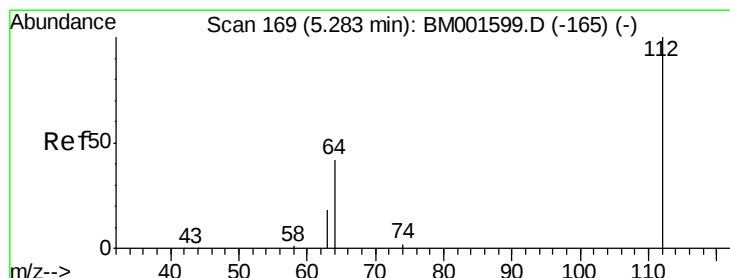
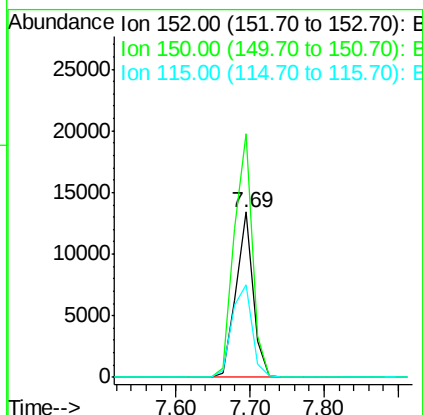
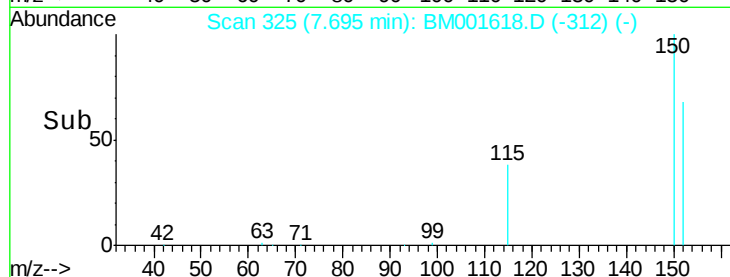
Instrument :
BNA_M
ClientSampleId :
060515-P18-E-D-S



Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.4	120.1	180.1
115	55.9	47.0	70.6

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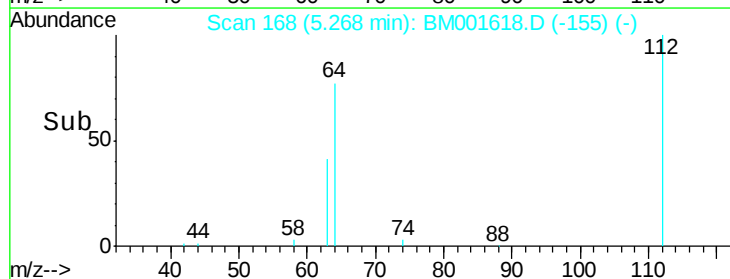
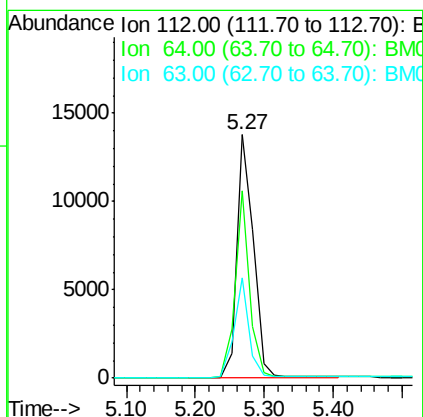
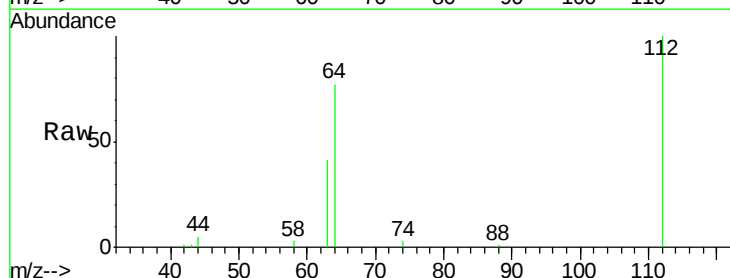
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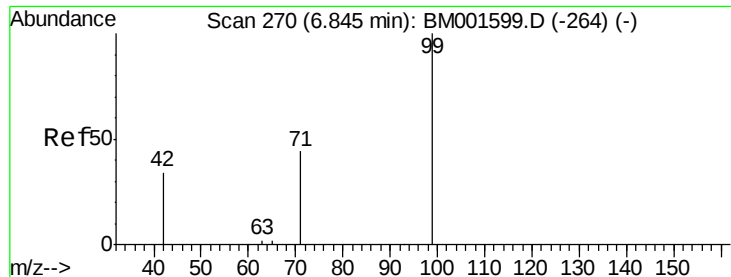


#4

2-Fluorophenol
Concen: 4.72 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM001618.D
Acq: 09 Jun 2015 15:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	54.8	82.2
63	37.0	30.5	45.7





#5

Phenol-d6

Concen: 3.25 ng

RT: 6.84 min Scan# 270

Delta R.T. 0.00 min

Lab File: BM001618.D

Acq: 09 Jun 2015 15:24

Instrument :

BNA_M

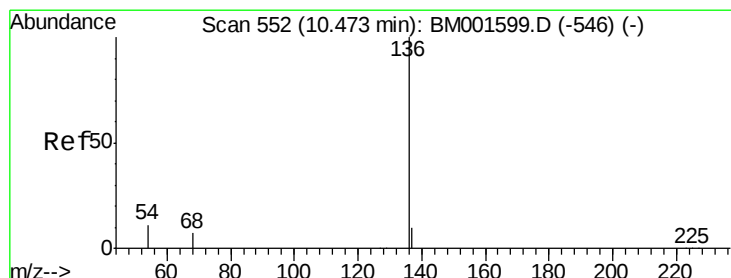
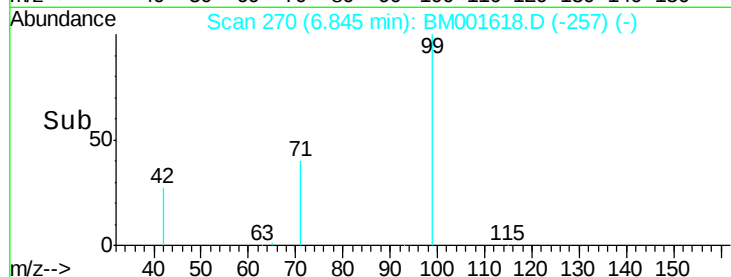
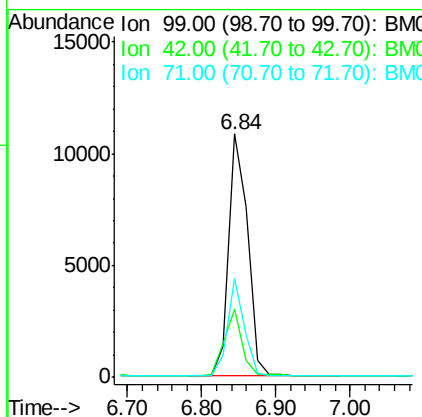
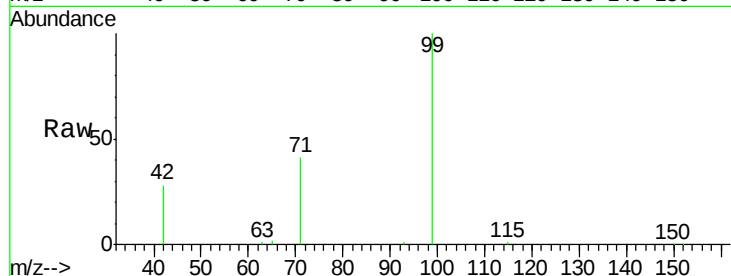
ClientSampleId :

060515-P18-E-D-S

Tgt Ion:	99	Resp:	19322
Ion Ratio	Lower	Upper	
99	100		
42	24.9	21.6	32.4
71	35.5	28.7	43.1

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#6

Naphthalene-d8

Concen: 5.00 ng

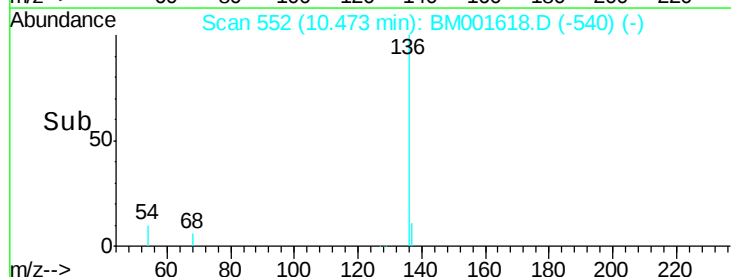
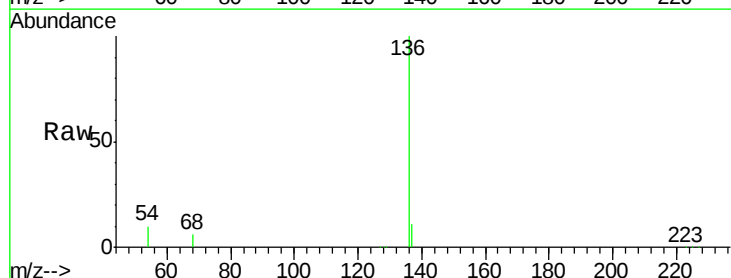
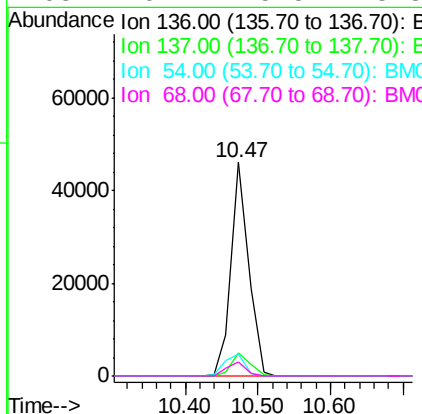
RT: 10.47 min Scan# 552

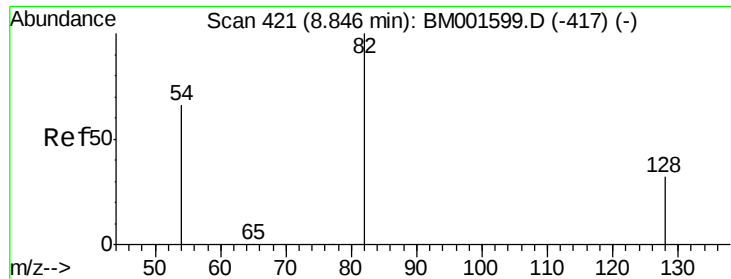
Delta R.T. 0.00 min

Lab File: BM001618.D

Acq: 09 Jun 2015 15:24

Tgt Ion:	136	Resp:	76984
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.3	12.5
54	10.3	9.2	13.8
68	6.4	5.5	8.3





#7

Nitrobenzene-d5

Concen: 7.67 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM001618.D

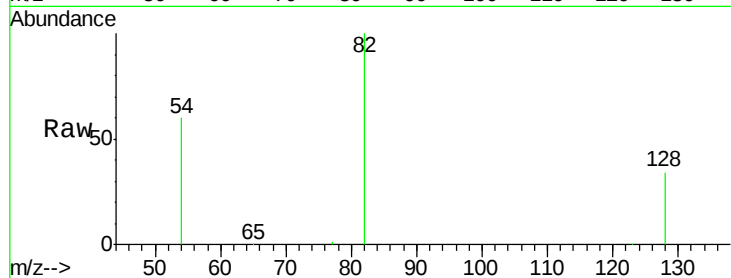
Acq: 09 Jun 2015 15:24

Instrument :

BNA_M

ClientSampleId :

060515-P18-E-D-S



Tgt Ion: 82 Resp: 41628

Ion Ratio Lower Upper

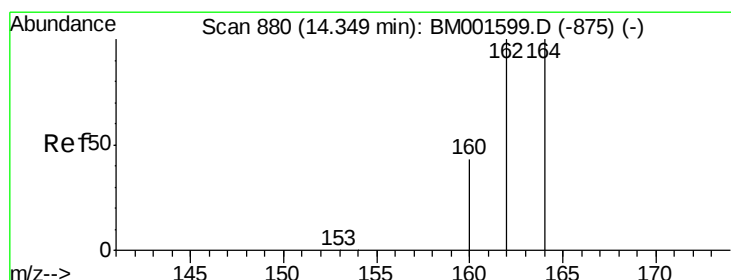
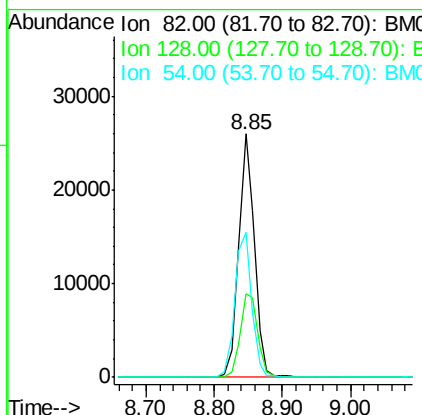
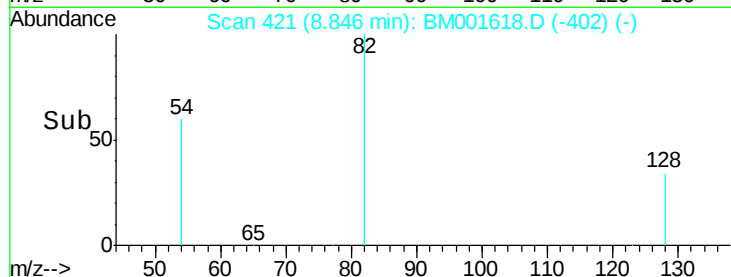
82 100

128 34.2 26.6 40.0

54 59.7 53.0 79.6

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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: BM001618.D

Acq: 09 Jun 2015 15:24

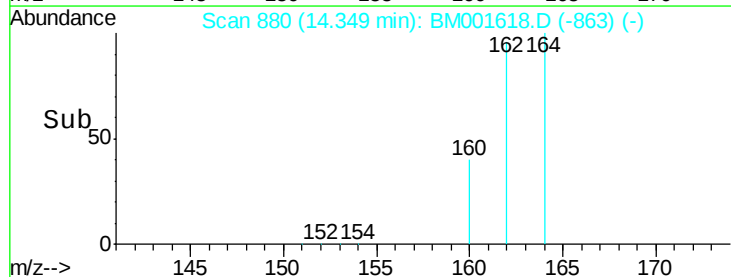
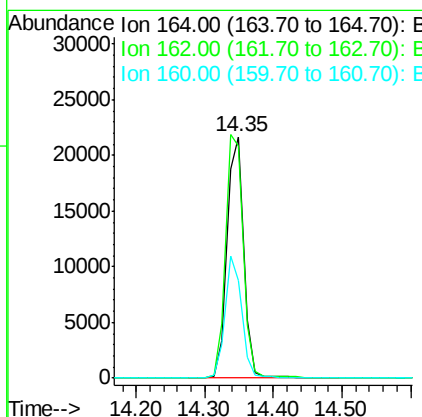
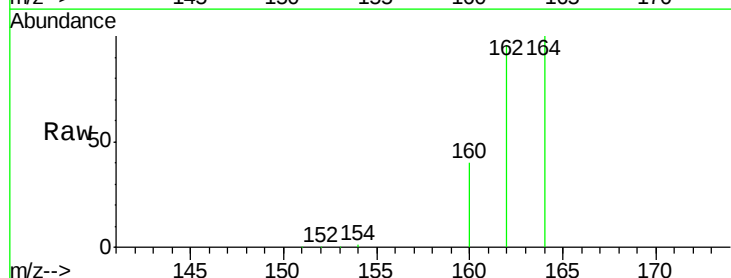
Tgt Ion: 164 Resp: 36207

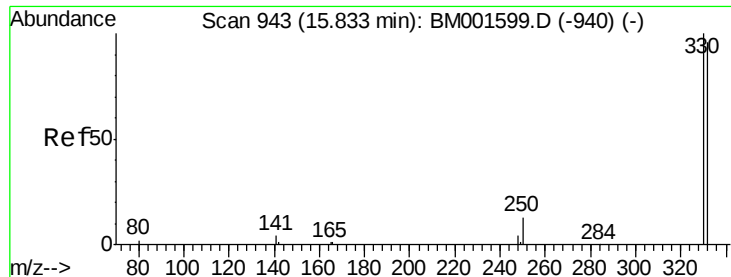
Ion Ratio Lower Upper

164 100

162 96.1 79.8 119.6

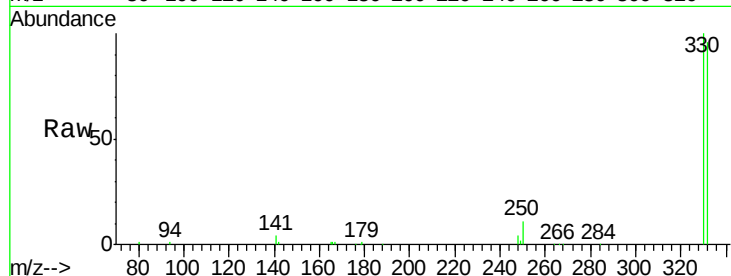
160 40.3 34.6 51.8





#13
 2,4,6-Tribromophenol
 Concen: 14.12 ng
 RT: 15.83 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001618.D
 Acq: 09 Jun 2015 15:24

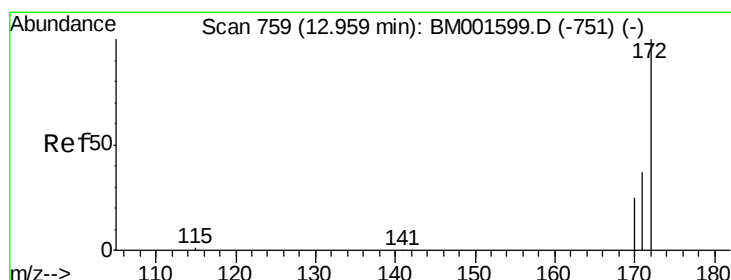
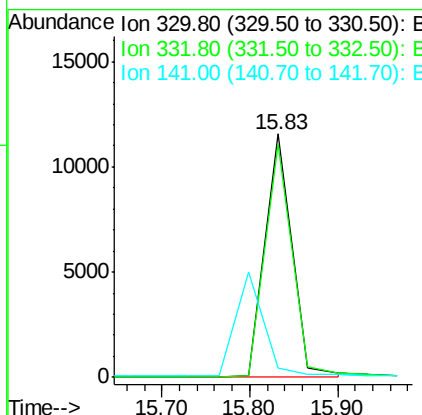
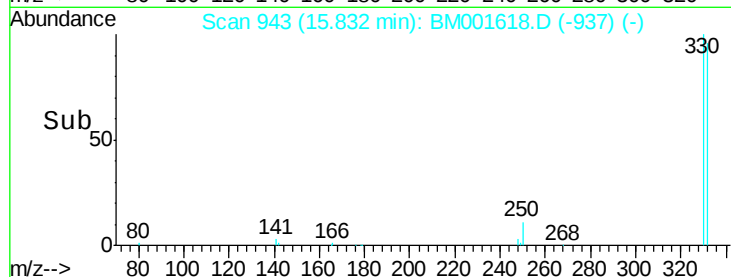
Instrument :
 BNA_M
 ClientSampleId :
 060515-P18-E-D-S



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	24695		
332	96.3	76.7	115.1	
141	0.0	0.0	0.0	

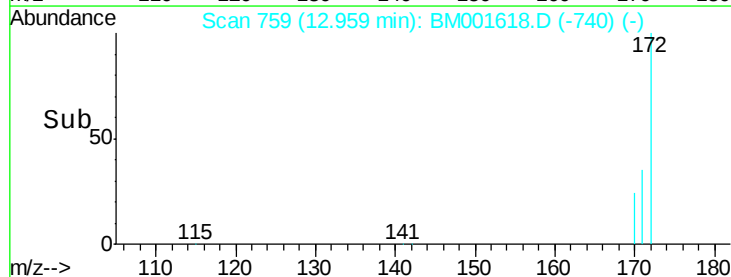
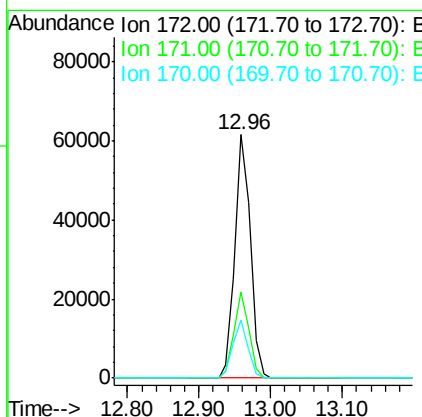
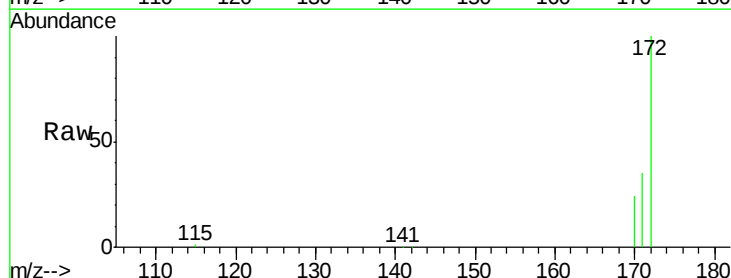
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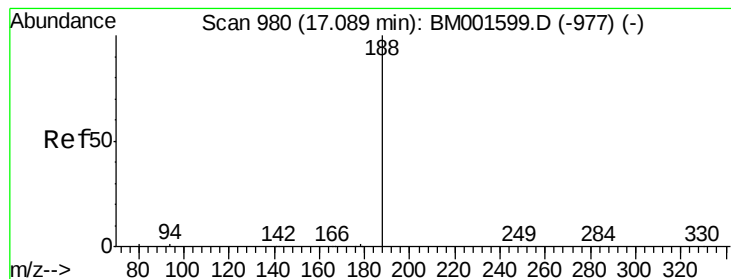
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#14
 2-Fluorobiphenyl
 Concen: 7.74 ng
 RT: 12.96 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BM001618.D
 Acq: 09 Jun 2015 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	91228		
171	35.2	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: BM001618.D

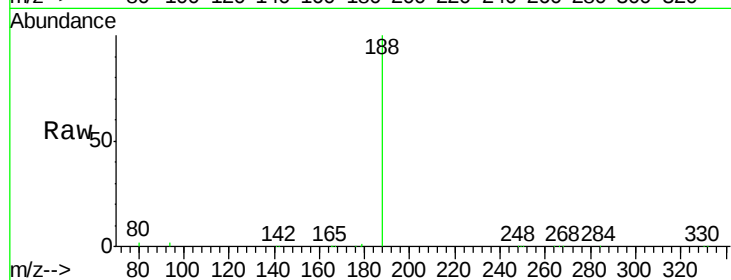
Acq: 09 Jun 2015 15:24

Instrument :

BNA_M

ClientSampleId :

060515-P18-E-D-S



Tgt Ion:188 Resp: 42509

Ion Ratio Lower Upper

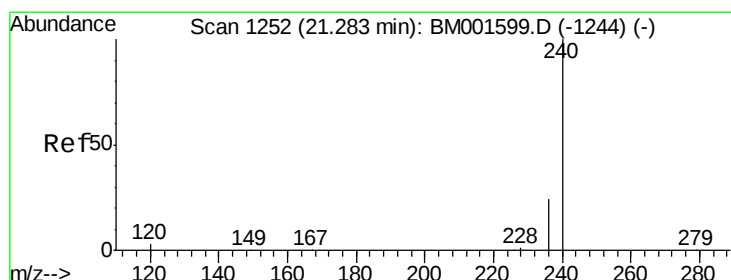
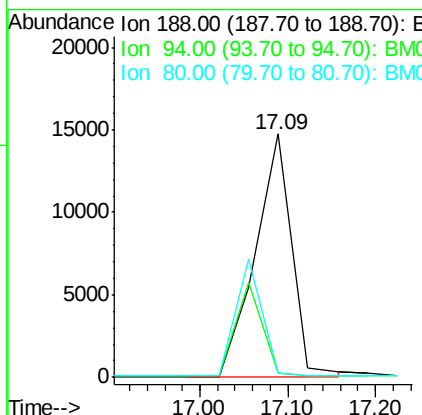
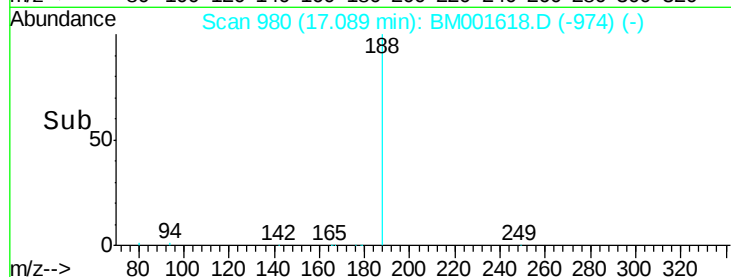
188 100

94 1.5 1.0 1.6

80 1.6 1.0 1.4#

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#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001618.D

Acq: 09 Jun 2015 15:24

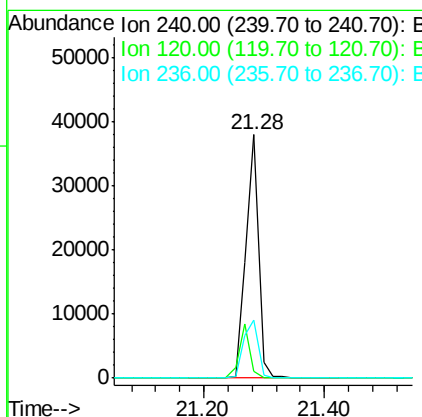
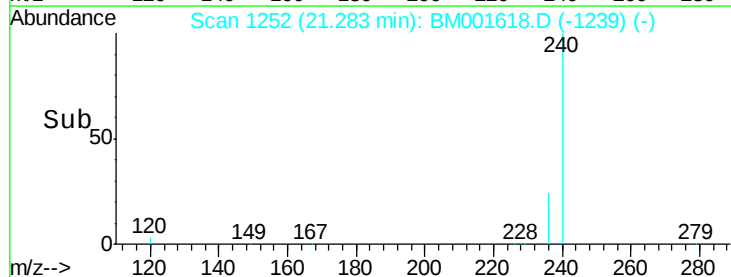
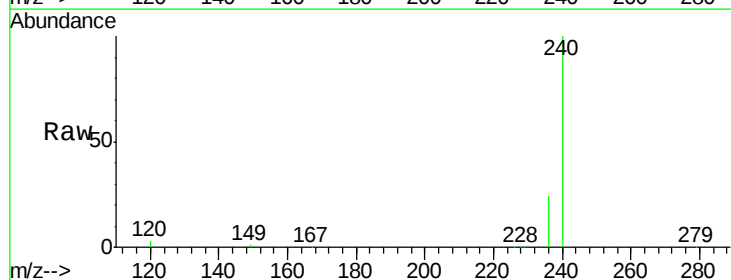
Tgt Ion:240 Resp: 55039

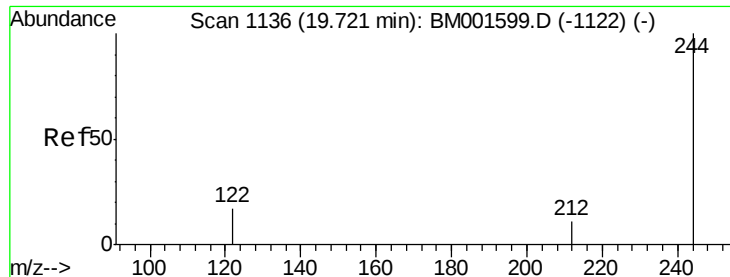
Ion Ratio Lower Upper

240 100

120 3.0 2.2 3.4

236 24.0 19.6 29.4





#27

Terphenyl-d14

Concen: 10.55 ng

RT: 19.72 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BM001618.D

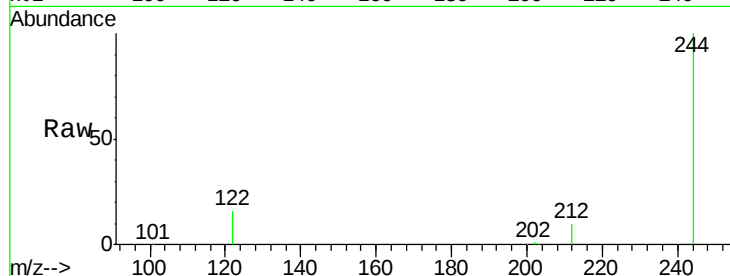
Acq: 09 Jun 2015 15:24

Instrument :

BNA_M

ClientSampleId :

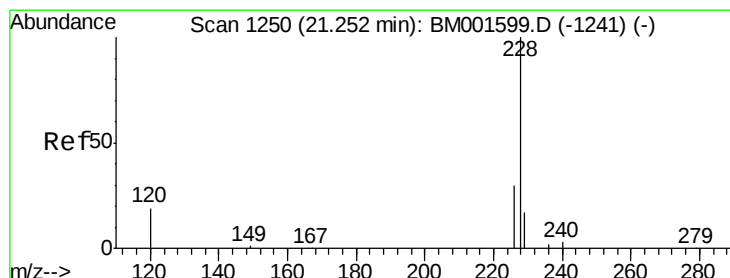
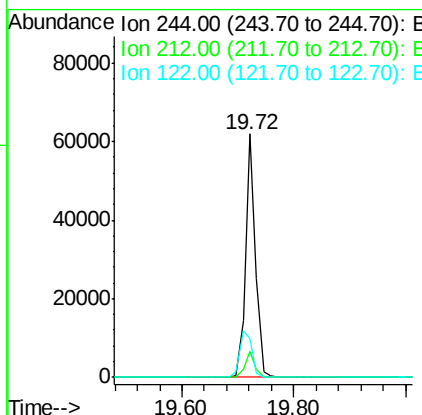
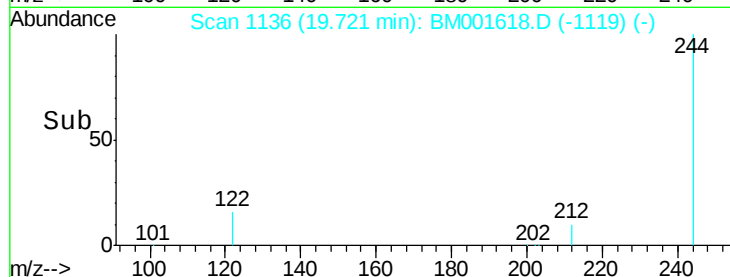
060515-P18-E-D-S



Tgt Ion:	244	Resp:	75769
Ion Ratio	Lower	Upper	
244	100		
212	10.5	9.2	13.8
122	15.9	14.5	21.7

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#28

Benzo(a)anthracene

Concen: 0.03 ng m

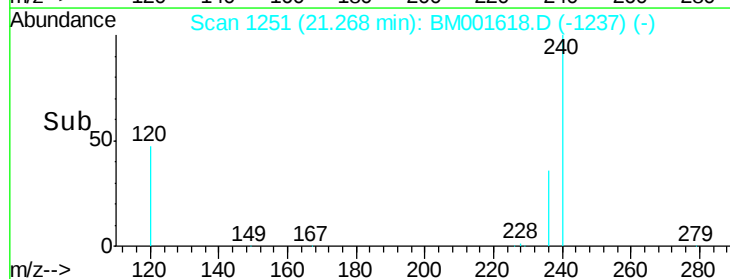
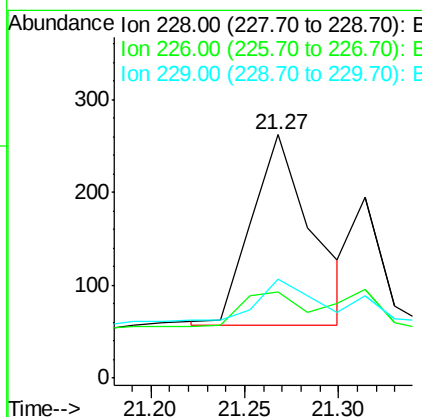
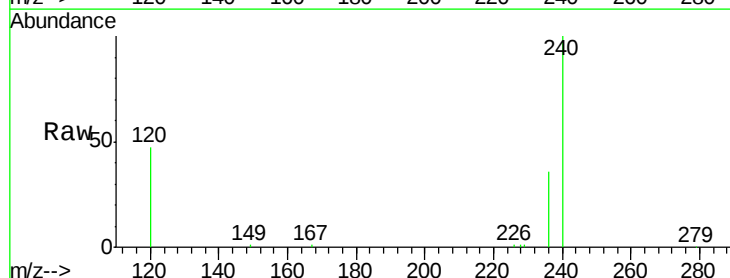
RT: 21.27 min Scan# 1251

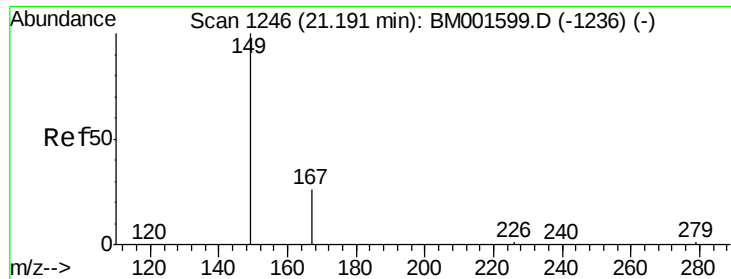
Delta R.T. 0.02 min

Lab File: BM001618.D

Acq: 09 Jun 2015 15:24

Tgt Ion:	228	Resp:	459
Ion Ratio	Lower	Upper	
228	100		
226	35.1	24.6	37.0
229	40.5	13.8	20.8#





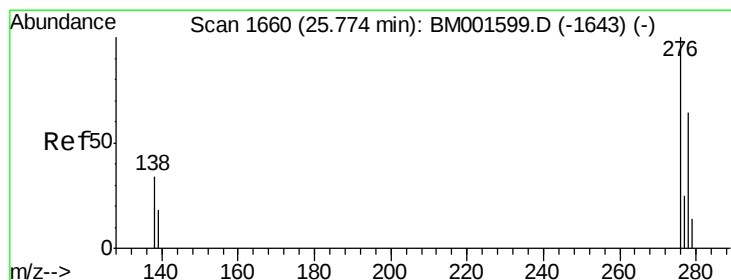
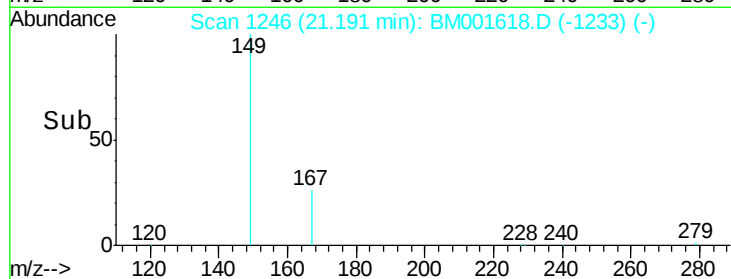
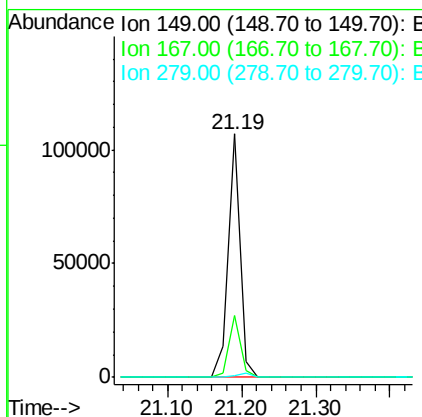
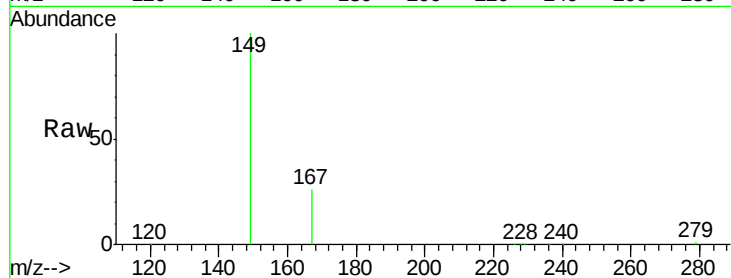
#30
 Bis(2-ethylhexyl)phthalate
 Concen: 12.77 ng
 RT: 21.19 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BM001618.D
 Acq: 09 Jun 2015 15:24

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

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	118648		
167	25.3	20.2	30.4	
279	2.0	1.7	2.5	

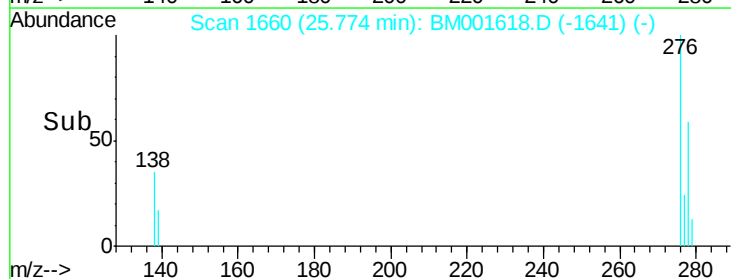
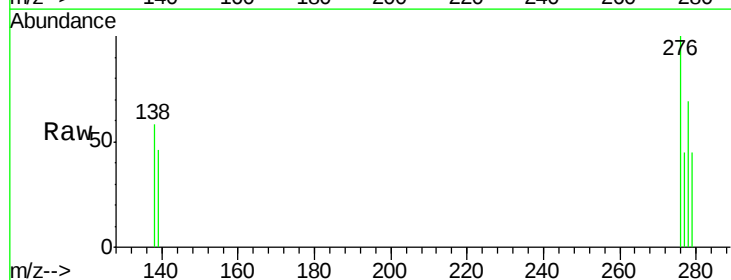
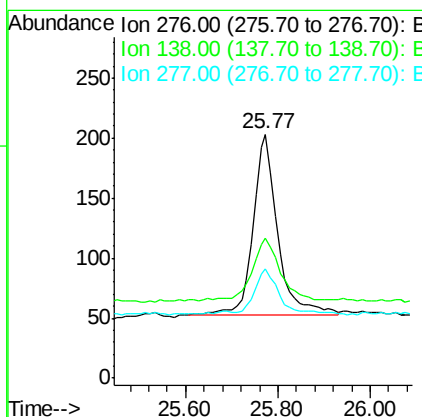
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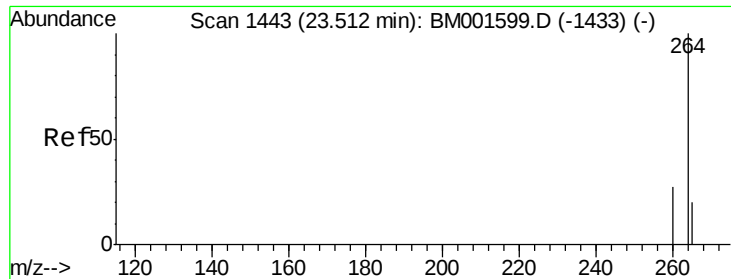
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#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.04 ng
 RT: 25.77 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BM001618.D
 Acq: 09 Jun 2015 15:24

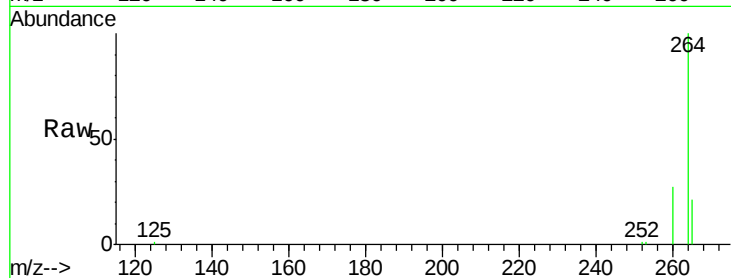
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	552		
138	42.0	28.2	42.2	
277	23.4	19.4	29.2	





#32
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BM001618.D
Acq: 09 Jun 2015 15:24

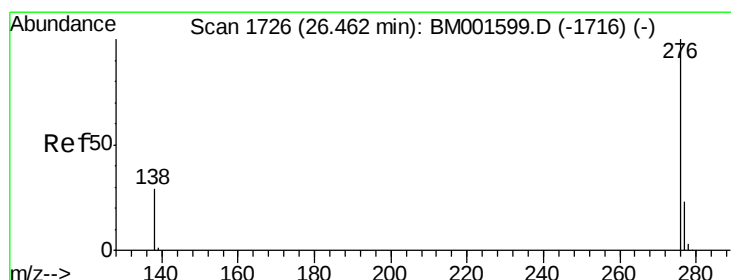
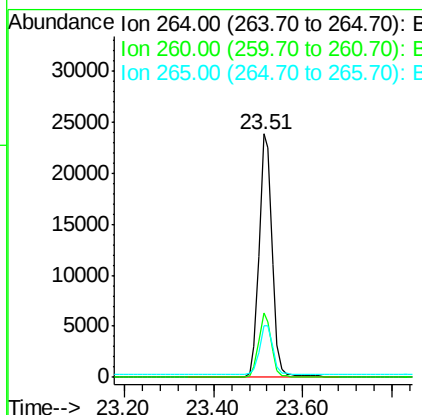
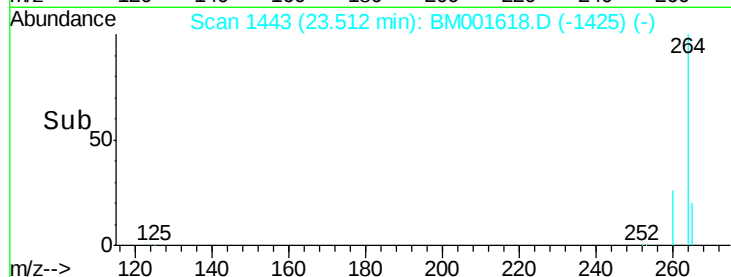
Instrument :
BNA_M
ClientSampleId :
060515-P18-E-D-S



Tgt Ion: 264 Resp: 48484
Ion Ratio Lower Upper
264 100
260 26.5 21.8 32.6
265 21.1 16.8 25.2

Manual Integrations
APPROVED

apatel
6/10/2015 1:05:32 PM



#37
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 26.46 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM001618.D
Acq: 09 Jun 2015 15:24

Tgt Ion: 276 Resp: 437
Ion Ratio Lower Upper
276 100
277 47.1 19.4 29.0#
138 56.9 24.5 36.7#

