

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
 Data File : BM001159.D
 Acq On : 02 May 2015 09:16
 Operator : TP/IZ
 Sample : G2011-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-2

Manual Integrations
 APPROVED

apatel
 5/5/2015 8:04:18 AM

Quant Time: May 04 17:22:21 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	16982	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	66681	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	37496	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	90545	5.00	ng	0.00
24) Chrysene-d12	21.15	240	65452	5.00	ng	0.00
30) Perylene-d12	23.29	264	50206	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	15797	4.78	ng	-0.01
5) Phenol-d6	6.71	99	11833	2.91	ng	0.00
7) Nitrobenzene-d5	8.69	82	34077	9.02	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	23534	12.75	ng	0.00
14) 2-Fluorobiphenyl	12.81	172	108293	8.73	ng	0.00
26) Terphenyl-d14	19.59	244	97793	10.84	ng	0.00
Target Compounds						
21) Phenanthrene	16.98	178	849	0.04	ng	# 89
23) Fluoranthene	19.01	202	982	0.04	ng	# 97
25) Pyrene	19.38	202	912	0.04	ng	96

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

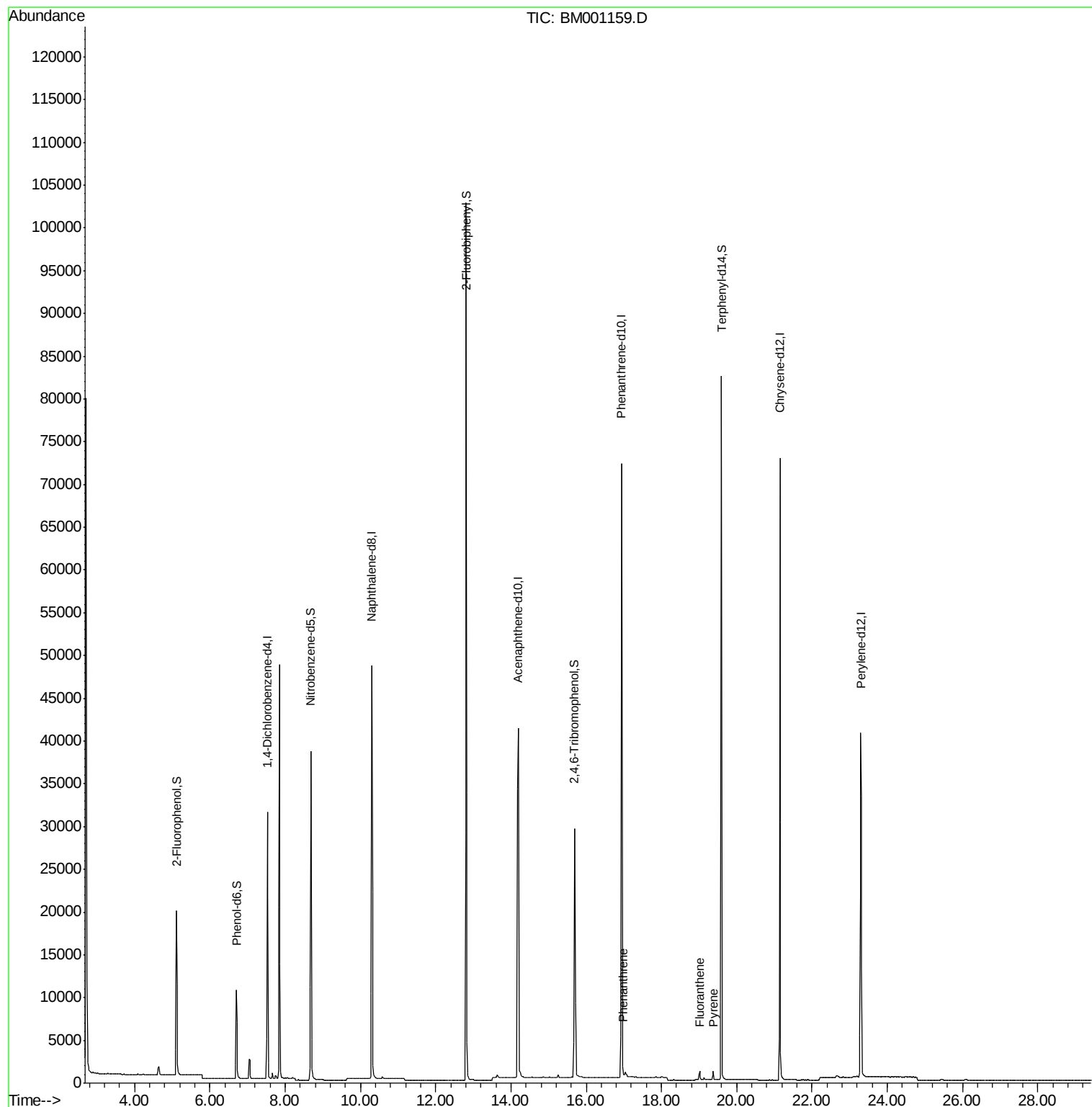
Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
Data File : BM001159.D
Acq On : 02 May 2015 09:16
Operator : TP/IZ
Sample : G2011-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

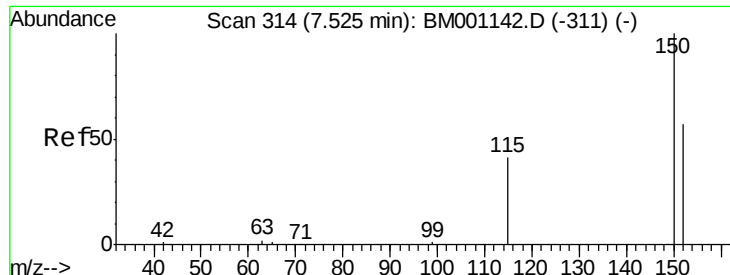
Instrument :
BNA_M
ClientSampleId :
MW-2

Manual Integrations
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5/5/2015 8:04:18 AM

Quant Time: May 04 17:22:21 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM050115.M
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#1

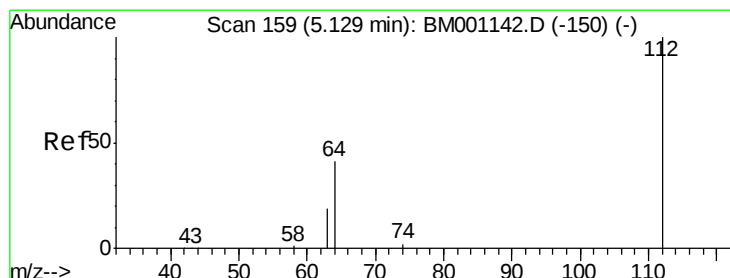
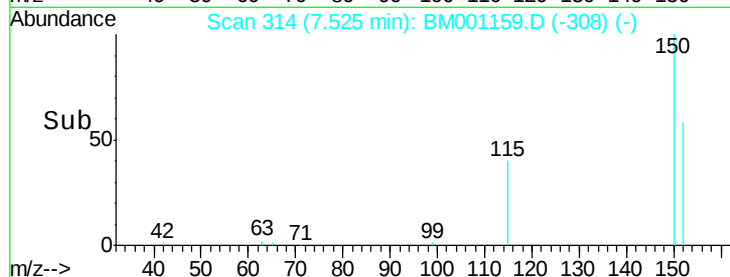
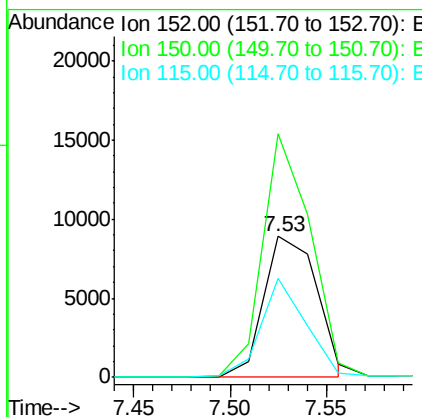
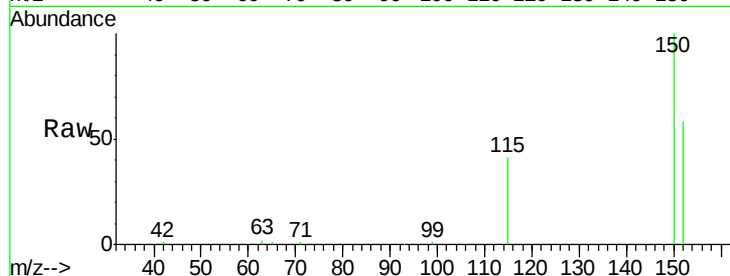
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.53 min Scan# 314
Delta R.T. -0.00 min
Lab File: BM001159.D
Acq: 02 May 2015 09:16

Instrument :
BNA_M
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	173.2	140.1	210.1
115	70.4	57.8	86.6

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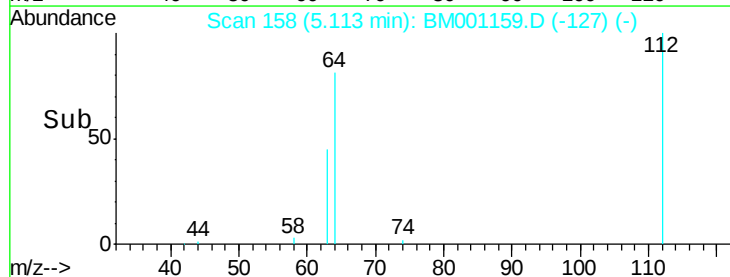
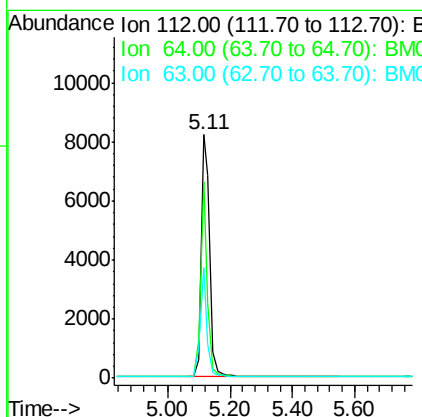
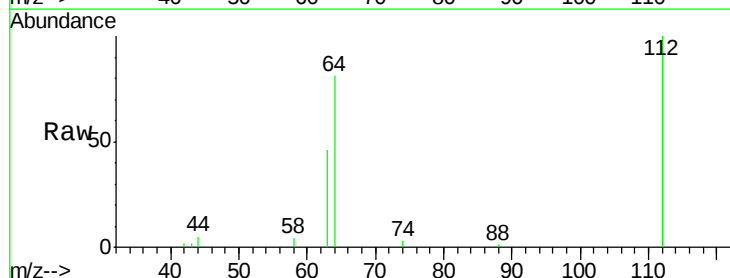
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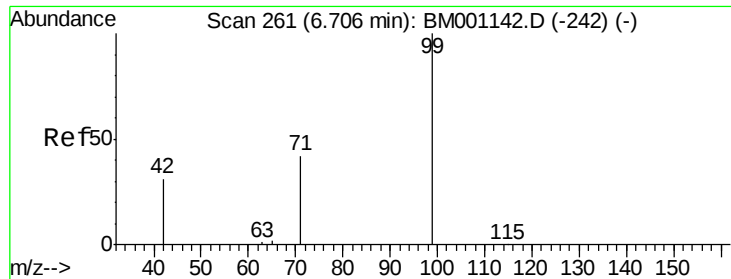


#4

2-Fluorophenol
Concen: 4.78 ng
RT: 5.11 min Scan# 158
Delta R.T. -0.01 min
Lab File: BM001159.D
Acq: 02 May 2015 09:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	52.6	79.0
63	35.4	29.5	44.3





#5

Phenol-d6

Concen: 2.91 ng

RT: 6.71 min Scan# 261

Delta R.T. 0.00 min

Lab File: BM001159.D

Acq: 02 May 2015 09:16

Instrument :

BNA_M

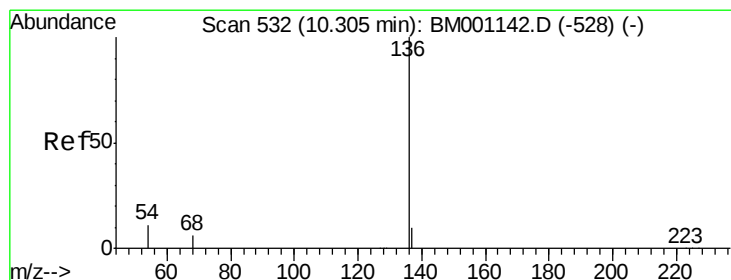
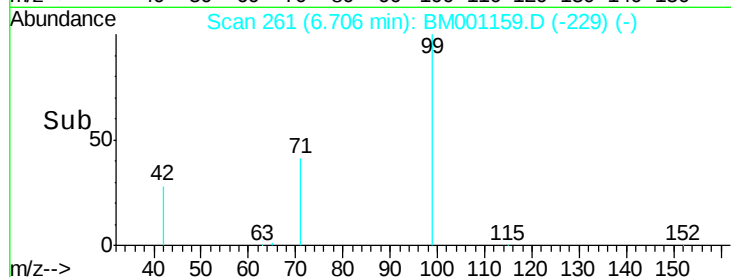
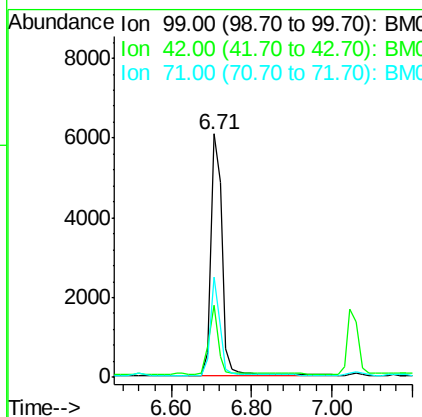
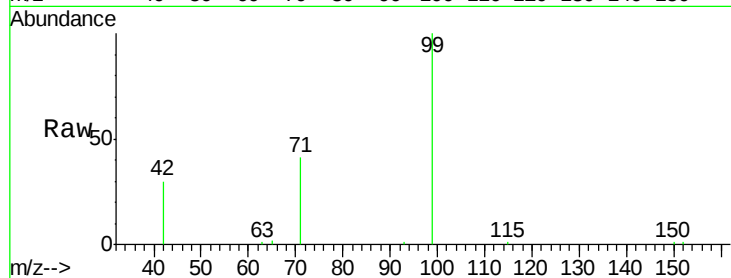
ClientSampleId :

MW-2

Tot Ion:	99	Resp:	11833
Ion	Ratio	Lower	Upper
99	100		
42	23.3	20.9	31.3
71	34.7	28.5	42.7

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#6

Naphthalene-d8

Concen: 5.00 ng

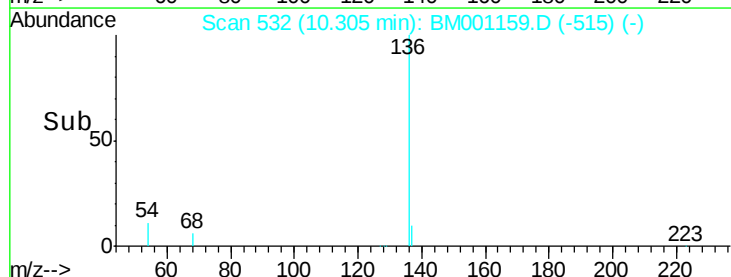
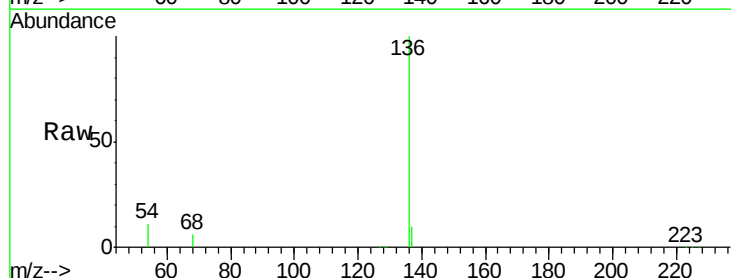
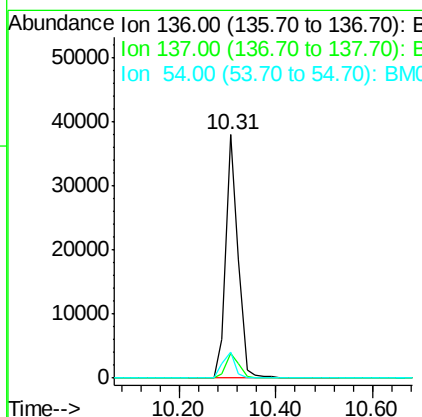
RT: 10.31 min Scan# 532

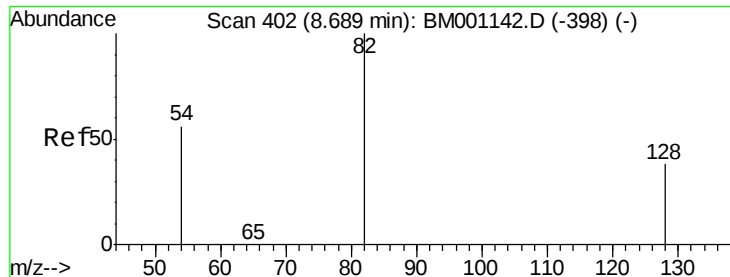
Delta R.T. 0.00 min

Lab File: BM001159.D

Acq: 02 May 2015 09:16

Tgt Ion:	136	Resp:	66681
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	10.8	9.0	13.4





#7

Nitrobenzene-d5

Concen: 9.02 ng

RT: 8.69 min Scan# 402

Delta R.T. -0.00 min

Lab File: BM001159.D

Acq: 02 May 2015 09:16

Instrument :

BNA_M

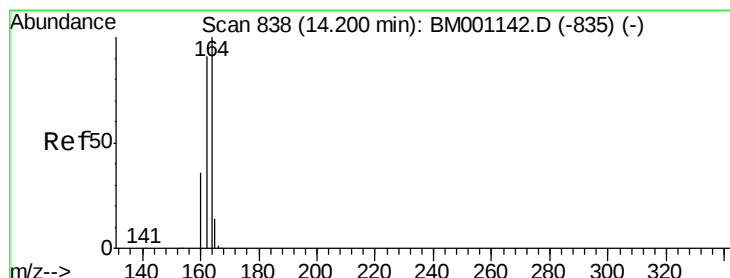
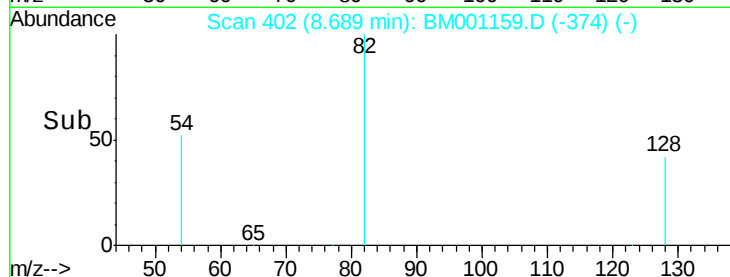
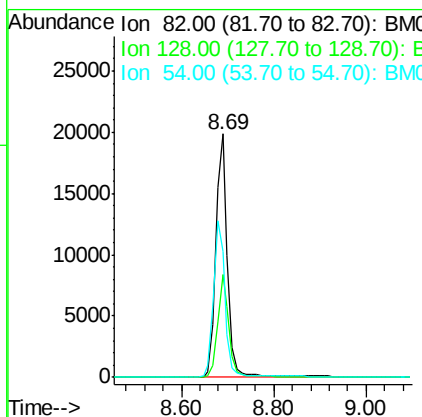
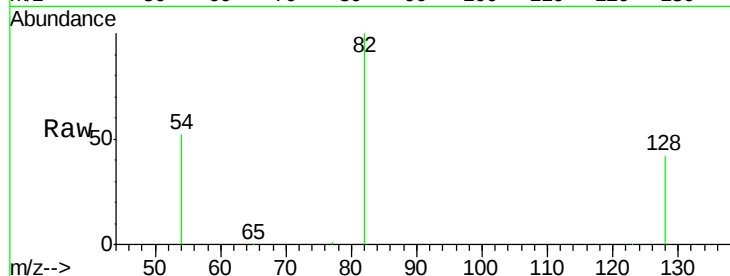
ClientSampleId :

MW-2

Tot Ion:	82	Resp:	34077
Ion Ratio	Lower	Upper	
82	100		
128	42.5	31.9	47.9
54	51.7	46.2	69.2

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#12

Acenaphthene-d10

Concen: 5.00 ng

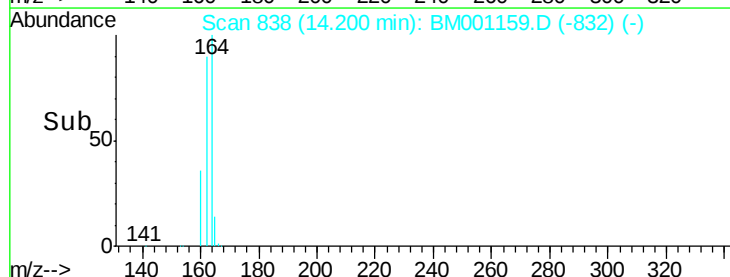
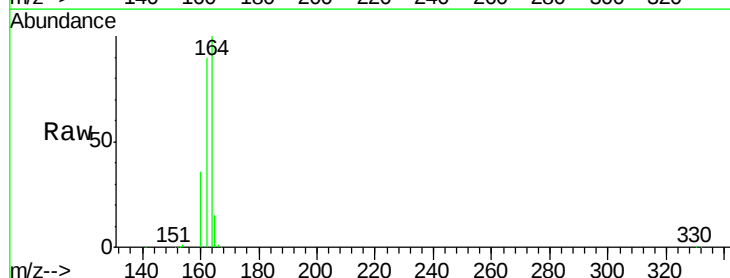
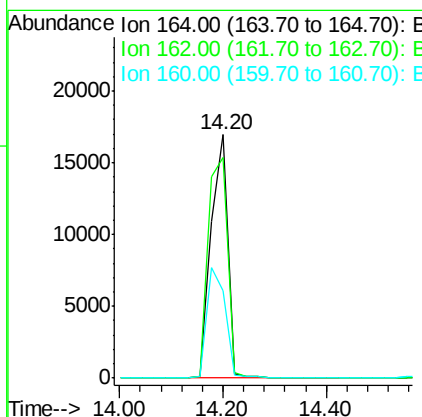
RT: 14.20 min Scan# 838

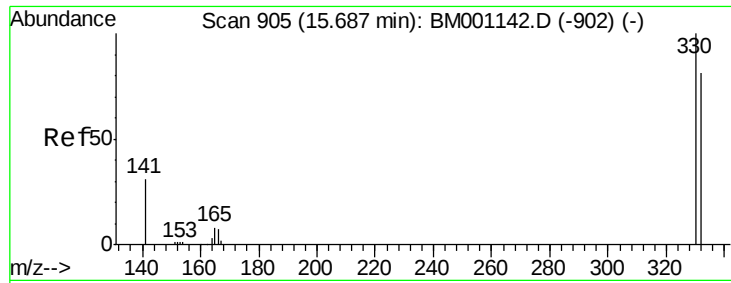
Delta R.T. 0.00 min

Lab File: BM001159.D

Acq: 02 May 2015 09:16

Tgt Ion:	164	Resp:	37496
Ion Ratio	Lower	Upper	
164	100		
162	90.4	72.7	109.1
160	35.9	28.7	43.1





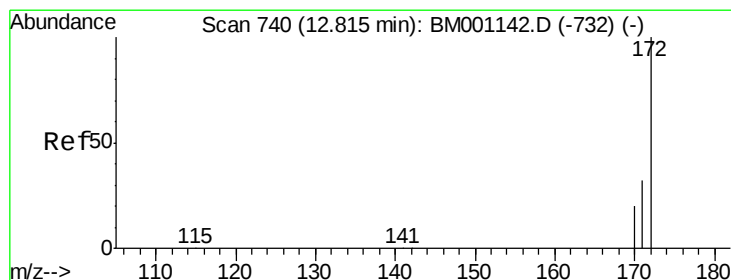
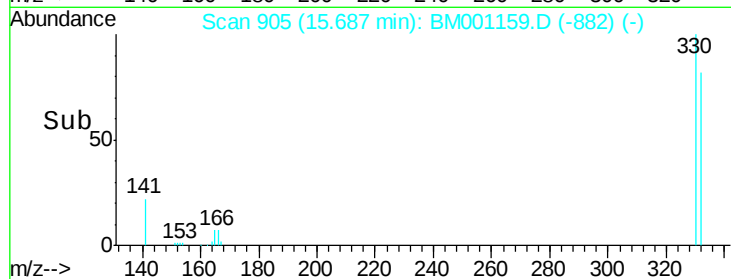
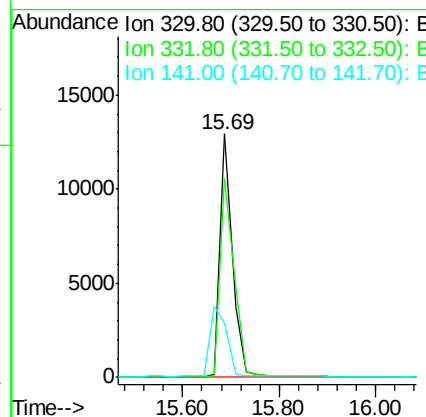
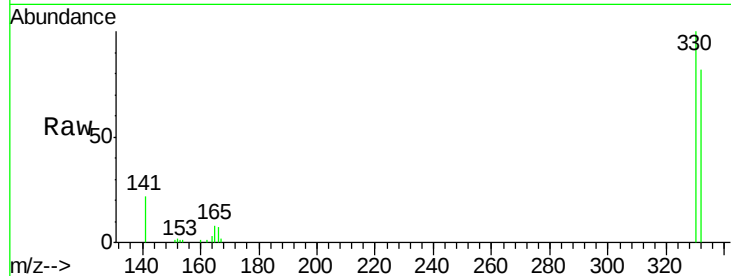
#13
 2,4,6-Tribromophenol
 Concen: 12.75 ng
 RT: 15.69 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BM001159.D
 Acq: 02 May 2015 09:16

Instrument :
 BNA_M
 ClientSampleId :
 MW-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.2	74.5	111.7
141	0.0	21.0	31.4

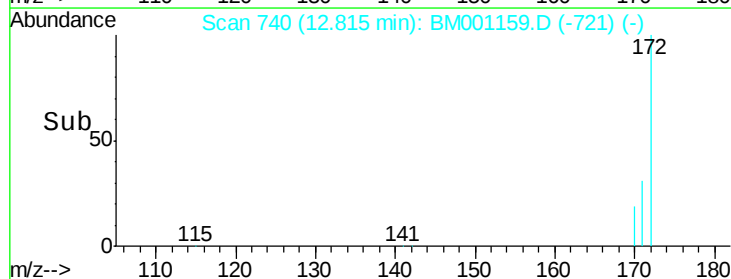
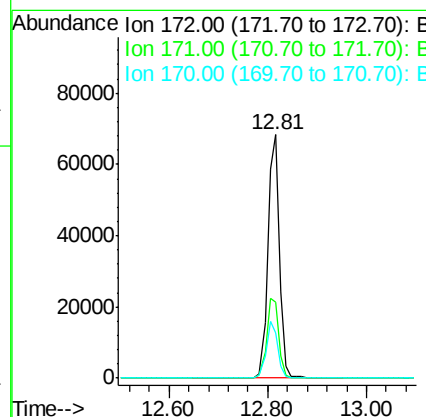
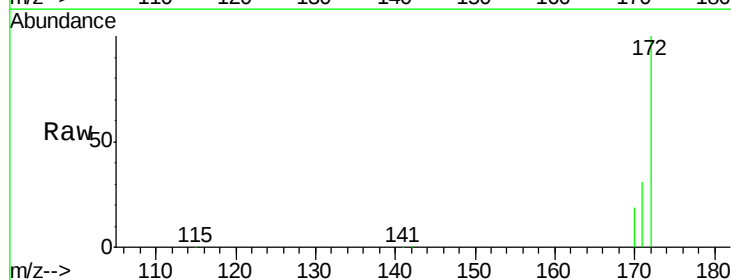
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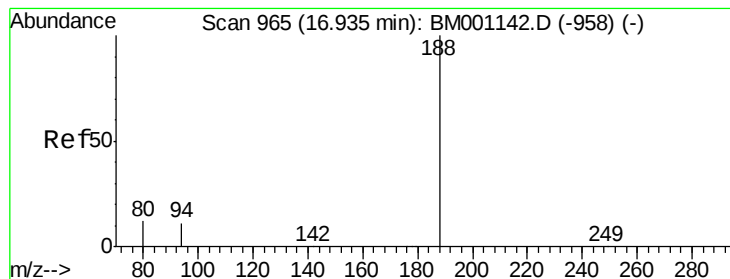
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#14
 2-Fluorobiphenyl
 Concen: 8.73 ng
 RT: 12.81 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BM001159.D
 Acq: 02 May 2015 09:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	31.4	25.8	38.6
170	18.6	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: BM001159.D

Acq: 02 May 2015 09:16

Instrument :

BNA_M

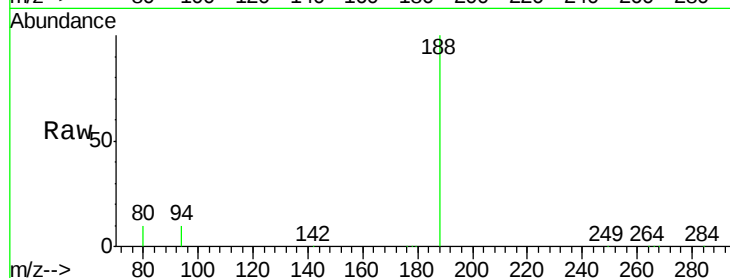
ClientSampleId :

MW-2

Tot Ion:	188	Resp:	90545
Ion Ratio	Lower	Upper	
188	100		
94	10.1	9.3	13.9
80	10.4	9.8	14.6

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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM001159.D (-950) (-)

Ion 80.00 (79.70 to 80.70): BM001159.D (-950) (-)

16.94

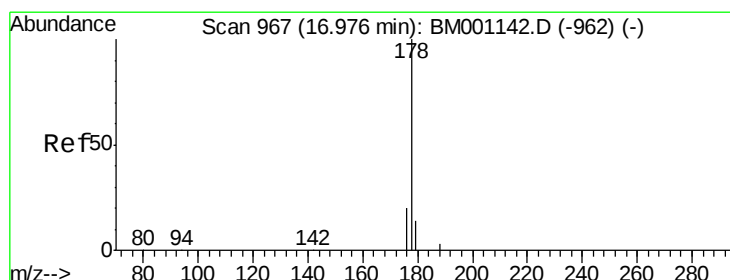
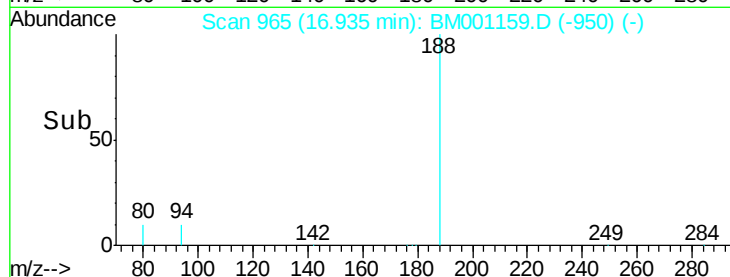
60000

40000

20000

0

Time-->



#21

Phenanthrene

Concen: 0.04 ng

RT: 16.98 min Scan# 967

Delta R.T. 0.00 min

Lab File: BM001159.D

Acq: 02 May 2015 09:16

Tgt Ion:	178	Resp:	849
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.5	23.3
179	25.0	12.0	18.0#

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

16.98

800

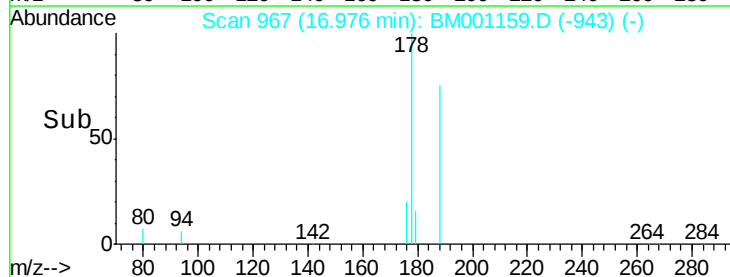
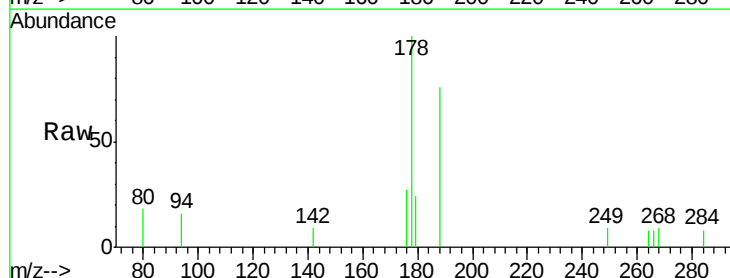
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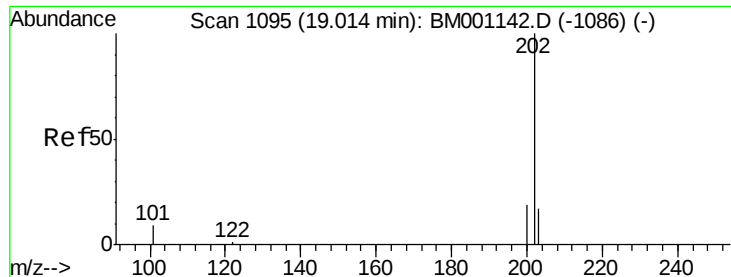
400

200

0

Time-->





#23

Fluoranthene

Concen: 0.04 ng

RT: 19.01 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM001159.D

Acq: 02 May 2015 09:16

Instrument :

BNA_M

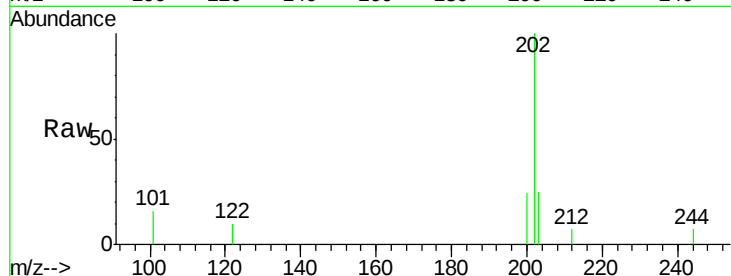
ClientSampleId :

MW-2

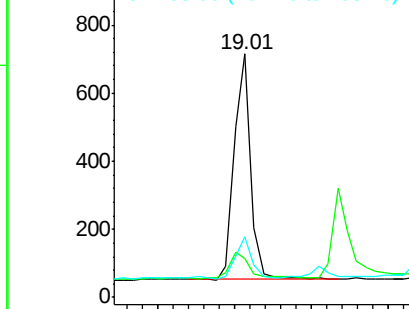
Tot Ion:	202	Resp:	982
Ion Ratio	Lower	Upper	
202	100		
101	14.2	9.3	13.9#
203	17.6	13.7	20.5

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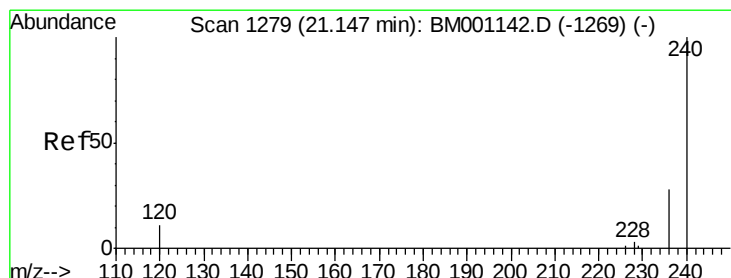
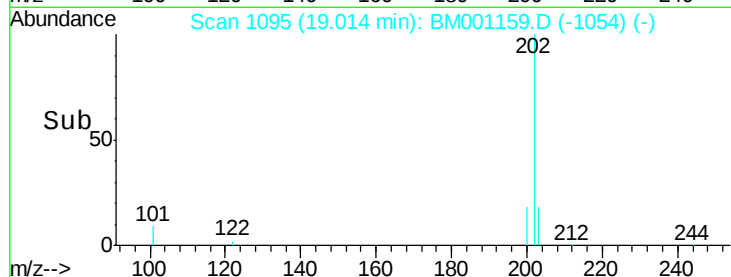
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#24

Chrysene-d12

Concen: 5.00 ng

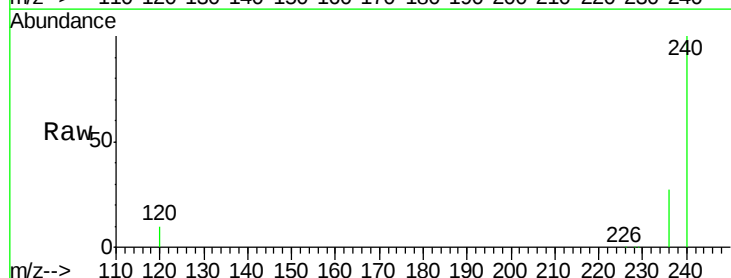
RT: 21.15 min Scan# 1279

Delta R.T. -0.00 min

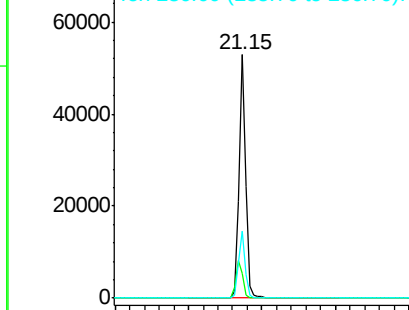
Lab File: BM001159.D

Acq: 02 May 2015 09:16

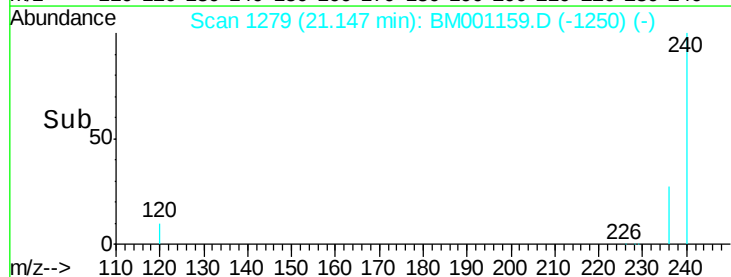
Tgt Ion:	240	Resp:	65452
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.2	13.8
236	27.4	22.4	33.6

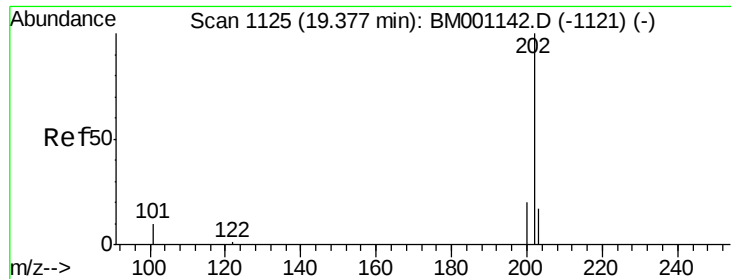


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





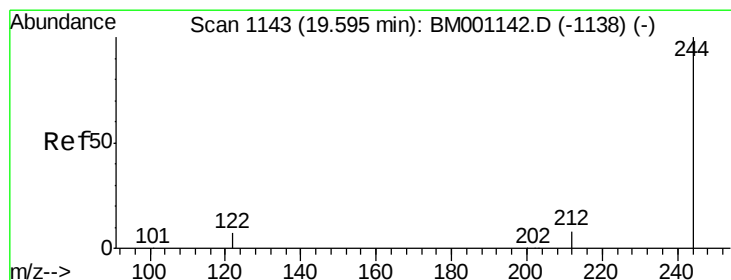
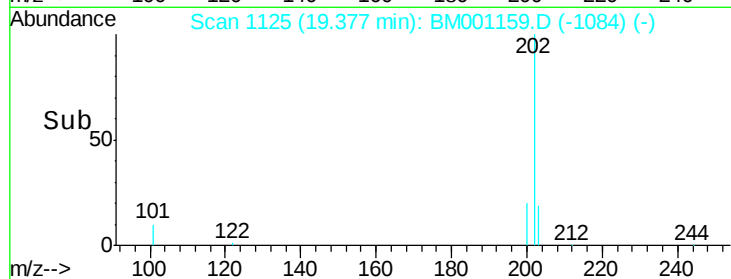
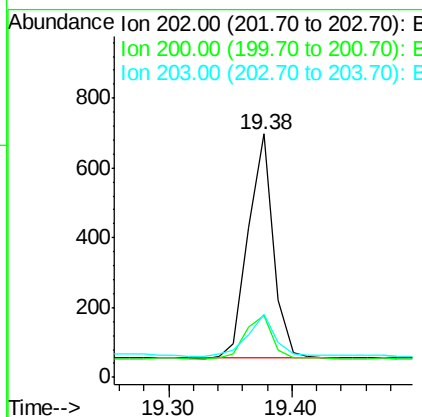
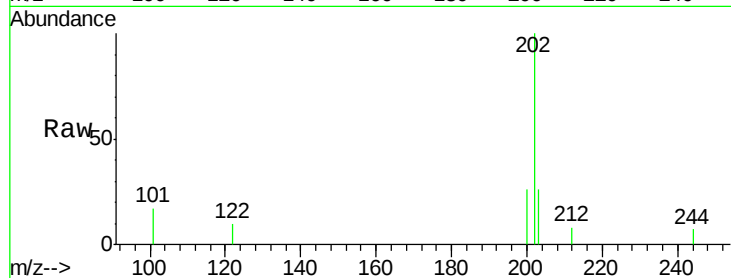
#25
Pvrene
Concen: 0.04 ng
RT: 19.38 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BM001159.D
Acq: 02 May 2015 09:16

Instrument :
BNA_M
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.4	24.6
203	20.3	13.8	20.6

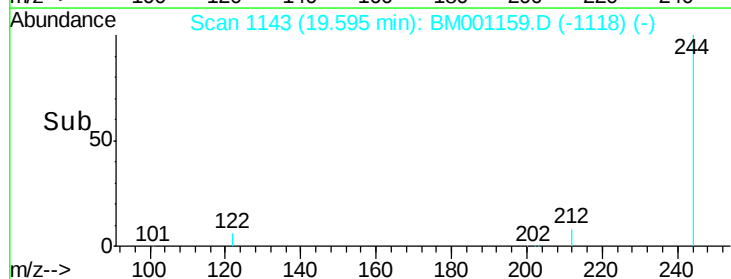
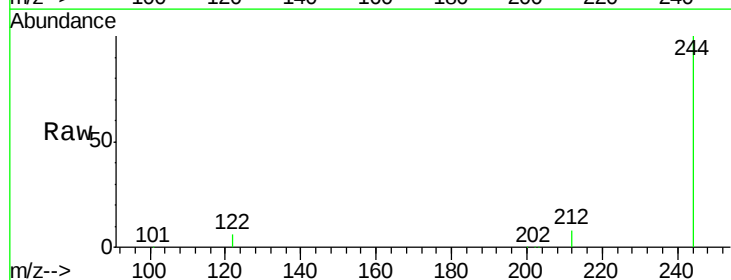
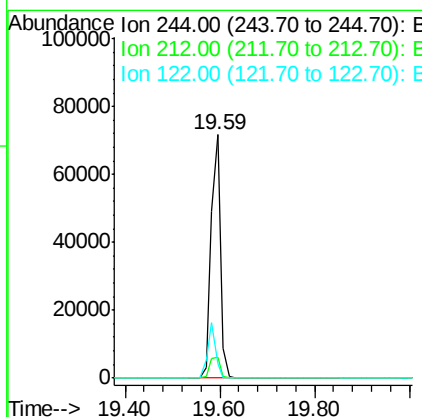
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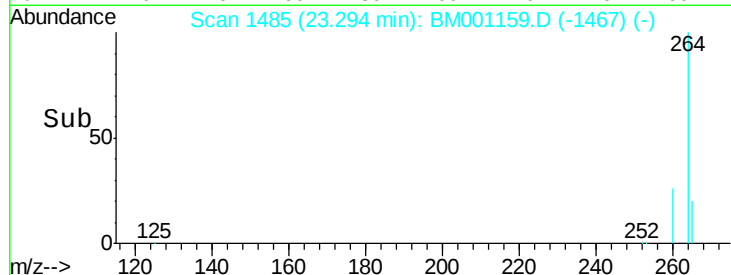
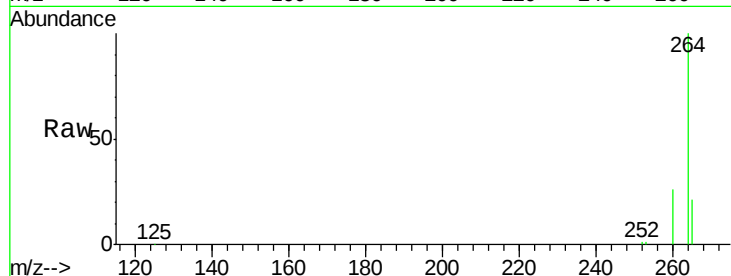
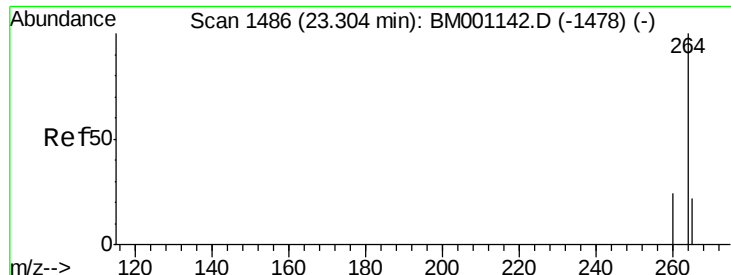
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#26
Terphenyl-d14
Concen: 10.84 ng
RT: 19.59 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BM001159.D
Acq: 02 May 2015 09:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.1	10.7
122	6.1	6.2	9.4#





#30
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.29 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BM001159.D
 Acq: 02 May 2015 09:16

Instrument :
 BNA_M
 ClientSampleId :
 MW-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.4	18.9	28.3
265	21.0	18.1	27.1

Manual Integrations
 APPROVED

apatel
 5/5/2015 8:04:18 AM

