

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050415\
 Data File : BM001196.D
 Acq On : 04 May 2015 22:37
 Operator : TP/IZ
 Sample : G2104-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-105

Manual Integrations
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Quant Time: May 05 04:41:52 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 03:49:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	13186	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	53560	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	30500	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	81143	5.00	ng	0.00
24) Chrysene-d12	21.15	240	70113	5.00	ng	0.00
30) Perylene-d12	23.29	264	61500	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.11	112	13511	5.27	ng	0.00
5) Phenol-d6	6.72	99	12155	3.85	ng	0.02
7) Nitrobenzene-d5	8.69	82	24856	8.19	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	21669	14.42	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	83894	8.32	ng	0.00
26) Terphenyl-d14	19.58	244	90916	9.40	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.36	128	458	0.04	ng	# 66
11) 2-Methylnaphthalene	11.98	142	306	0.04	ng	# 75
21) Phenanthrene	16.98	178	570	0.03	ng	# 84
22) Anthracene	17.06	178	714	0.04	ng	# 82
23) Fluoranthene	19.01	202	958	0.05	ng	98
25) Pyrene	19.38	202	918m	0.04	ng	
27) Benzo(a)anthracene	21.13	228	826	0.04	ng	# 85
28) Chrysene	21.18	228	600	0.03	ng	# 86
29) Indeno(1,2,3-cd)pyrene	25.43	276	529	0.03	ng	98

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

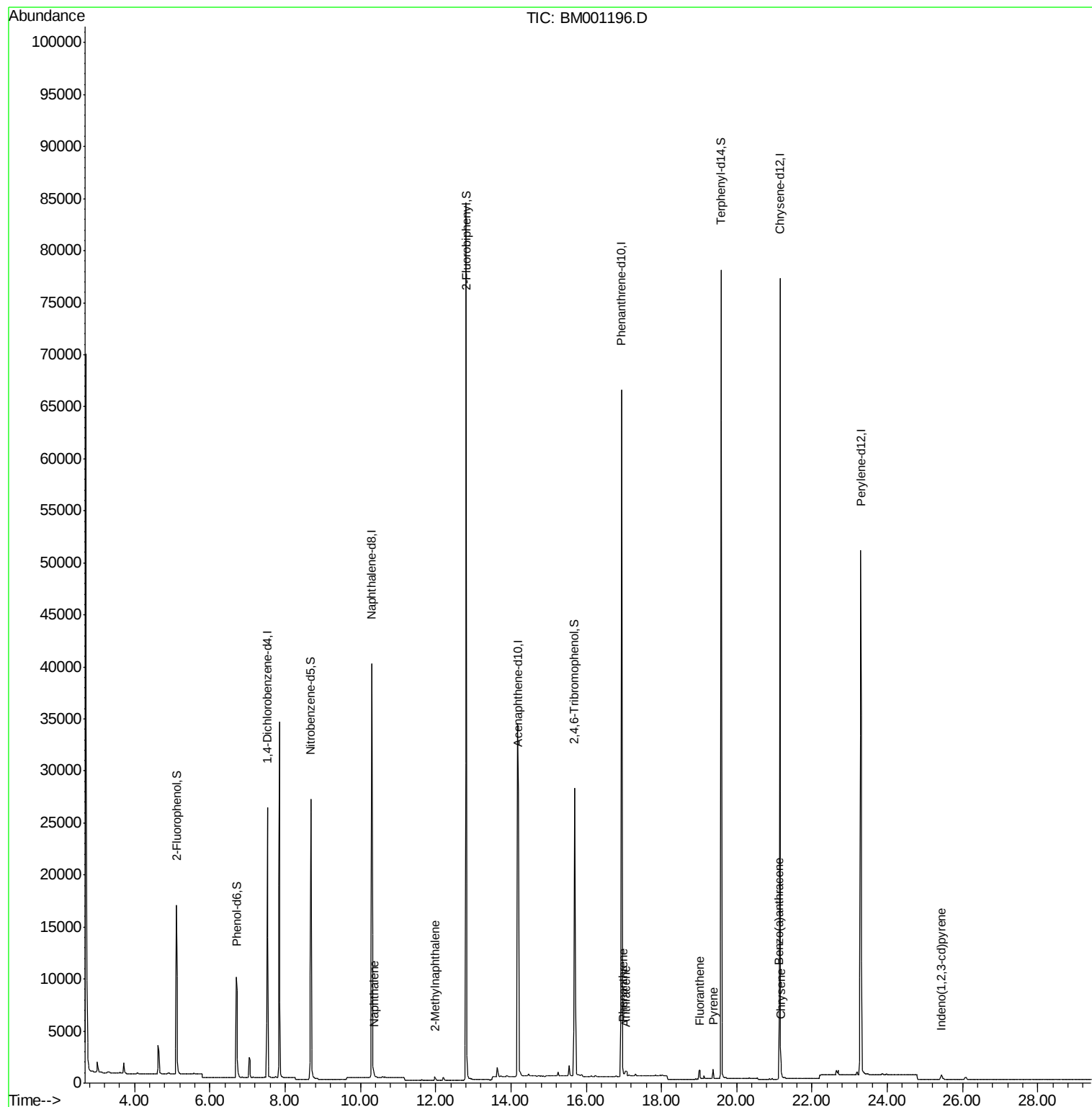
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050415\
Data File : BM001196.D
Acq On : 04 May 2015 22:37
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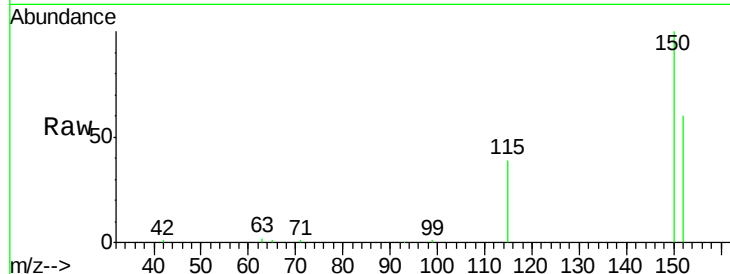
Quant Time: May 05 04:41:52 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 03:49:45 2015
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.52 min Scan# 314
 Delta R.T. -0.00 min
 Lab File: BM001196.D
 Acq: 04 May 2015 22:37

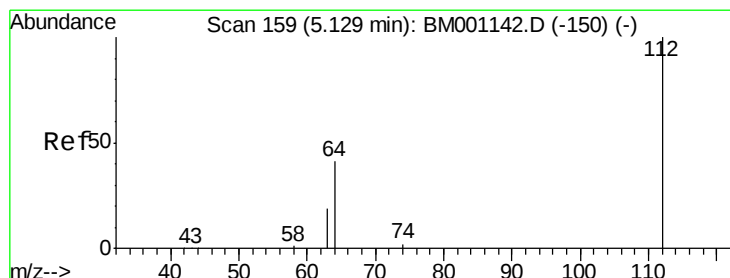
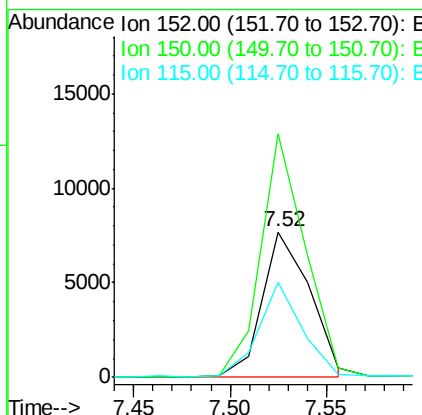
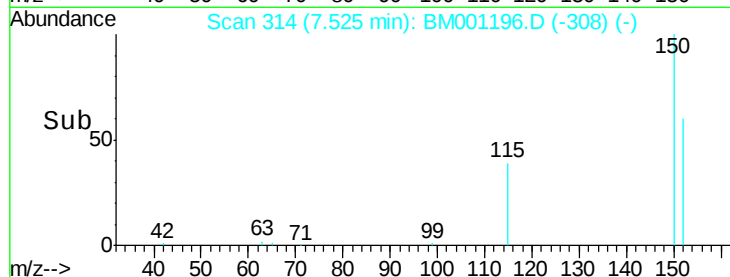
Instrument :
 BNA_M
 ClientSampleId :
 MW-105



Tgt Ion	Ratio	Lower	Upper
152	100		
150	167.3	140.1	210.1
115	65.5	57.8	86.6

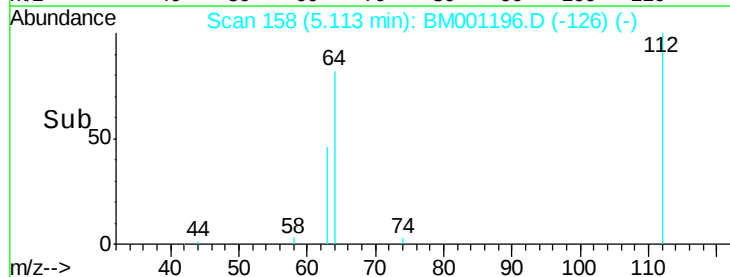
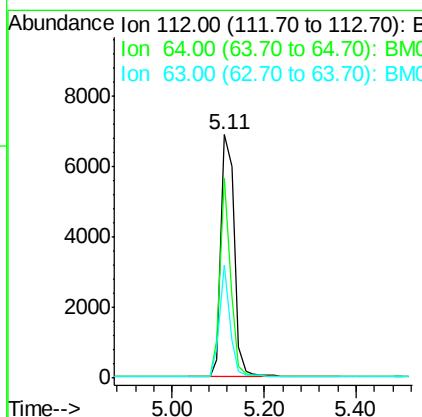
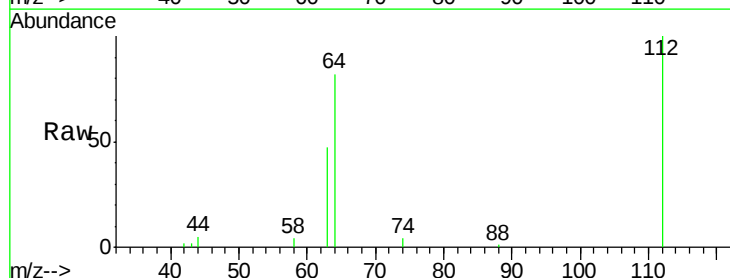
Manual Integrations
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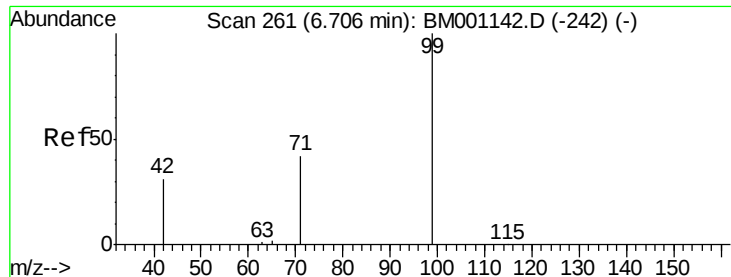
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#4
 2-Fluorophenol
 Concen: 5.27 ng
 RT: 5.11 min Scan# 158
 Delta R.T. -0.00 min
 Lab File: BM001196.D
 Acq: 04 May 2015 22:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	52.6	79.0
63	36.0	29.5	44.3





#5

Phenol-d6

Concen: 3.85 ng

RT: 6.72 min Scan# 262

Delta R.T. 0.02 min

Lab File: BM001196.D

Acq: 04 May 2015 22:37

Instrument :

BNA_M

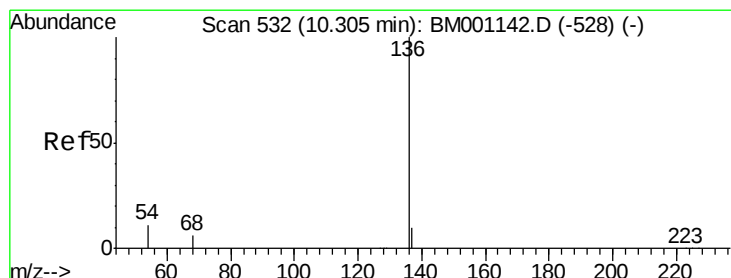
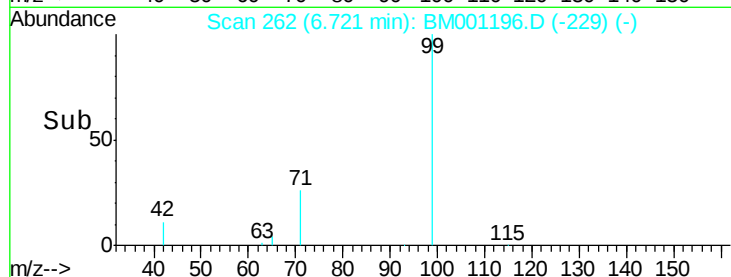
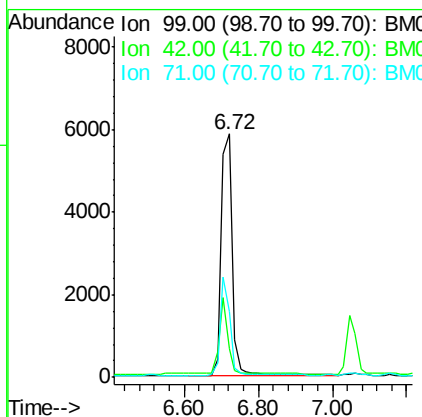
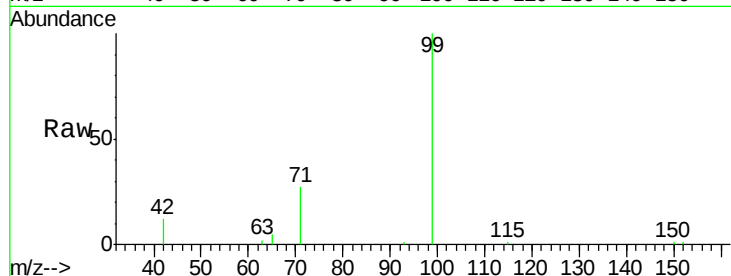
ClientSampleId :

MW-105

Tgt Ion:	99	Resp:	12155
Ion Ratio	Lower	Upper	
99	100		
42	24.5	20.9	31.3
71	35.4	28.5	42.7

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#6

Naphthalene-d8

Concen: 5.00 ng

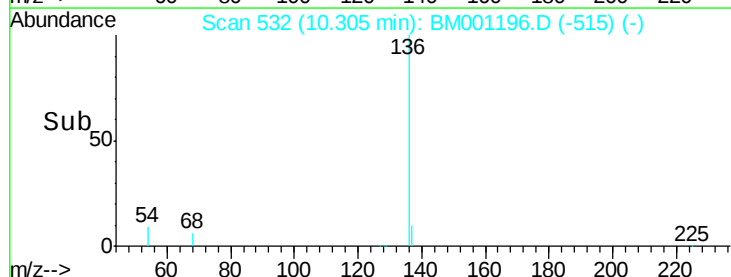
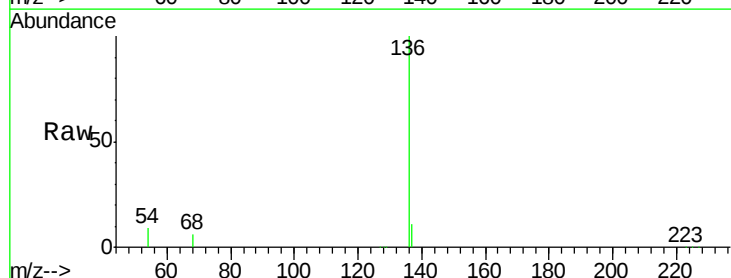
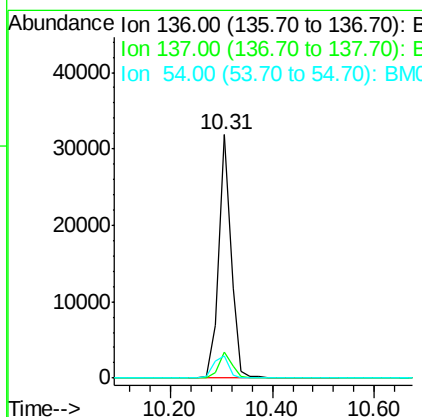
RT: 10.31 min Scan# 532

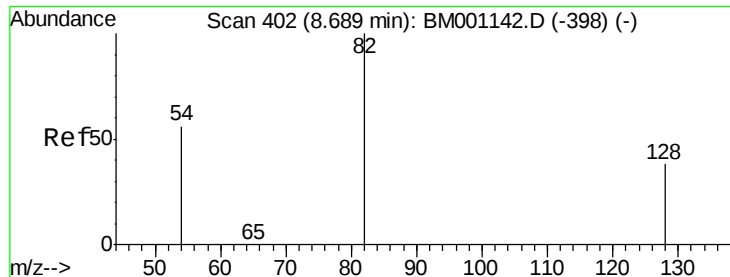
Delta R.T. -0.00 min

Lab File: BM001196.D

Acq: 04 May 2015 22:37

Tgt Ion:	136	Resp:	53560
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.2	12.4
54	9.3	9.0	13.4





#7

Nitrobenzene-d5

Concen: 8.19 ng

RT: 8.69 min Scan# 402

Delta R.T. -0.00 min

Lab File: BM001196.D

Acq: 04 May 2015 22:37

Instrument :

BNA_M

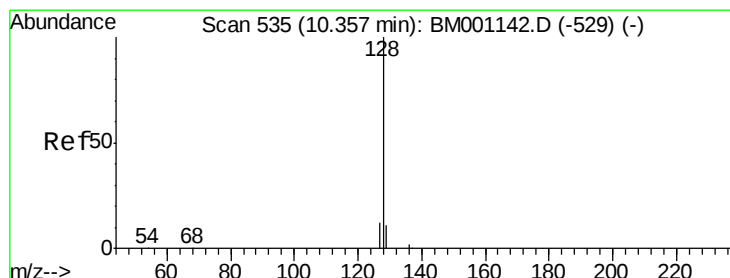
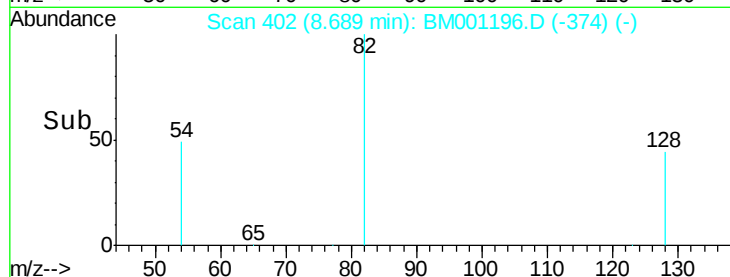
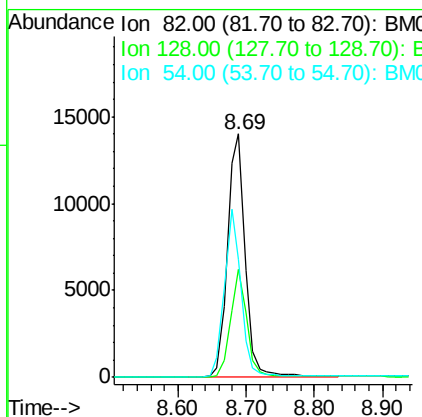
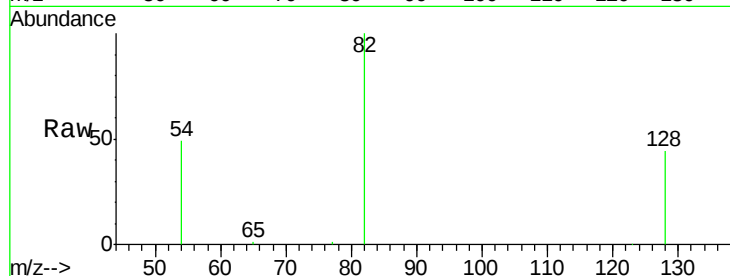
ClientSampled :

MW-105

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Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.2	31.9	47.9
54	48.8	46.2	69.2



#9

Naphthalene

Concen: 0.04 ng

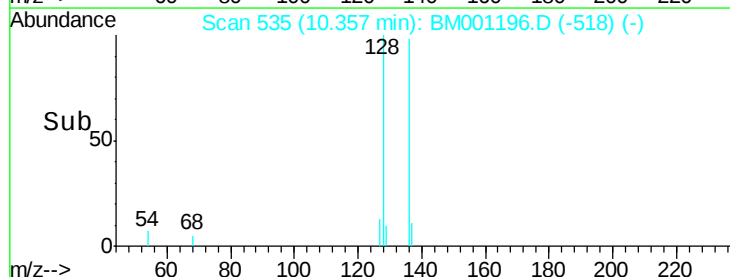
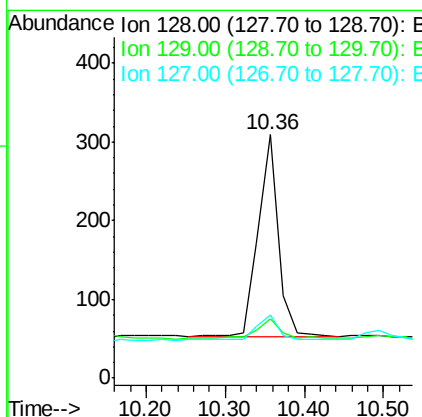
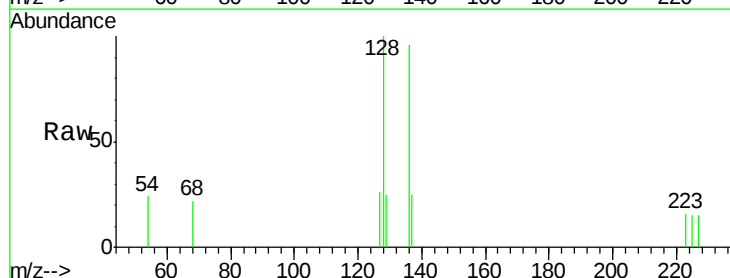
RT: 10.36 min Scan# 535

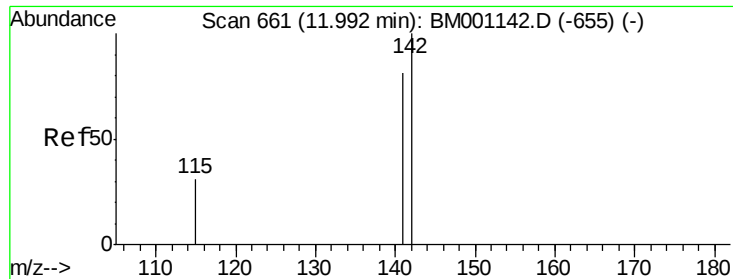
Delta R.T. -0.00 min

Lab File: BM001196.D

Acq: 04 May 2015 22:37

Tgt Ion	Ratio	Lower	Upper
128	100		
129	24.6	9.0	13.6#
127	25.9	10.0	15.0#





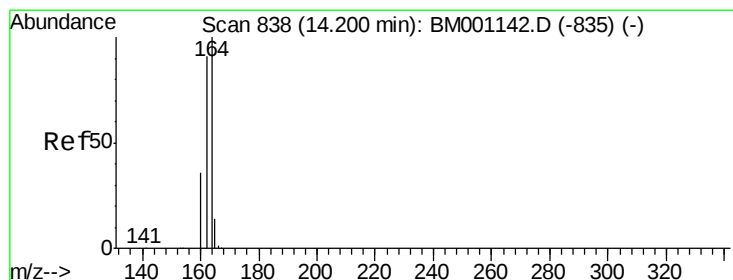
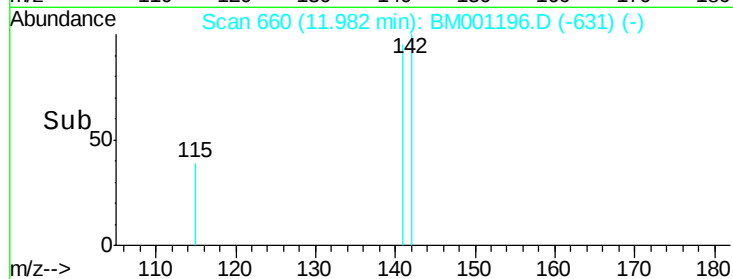
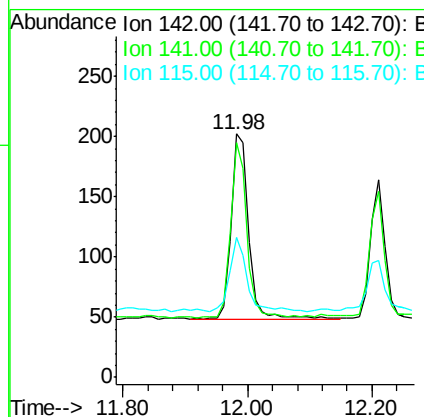
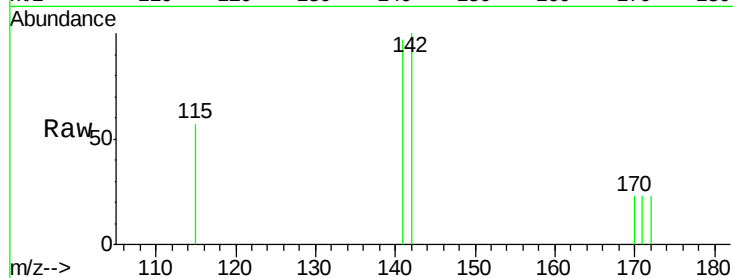
#11
2-Methylnaphthalene
Concen: 0.04 ng
RT: 11.98 min Scan# 660
Delta R.T. -0.00 min
Lab File: BM001196.D
Acq: 04 May 2015 22:37

Instrument :
BNA_M
ClientSampled :
MW-105

Tgt Ion:142 Resp: 306
Ion Ratio Lower Upper
142 100
141 96.5 65.1 97.7
115 57.4 25.1 37.7#

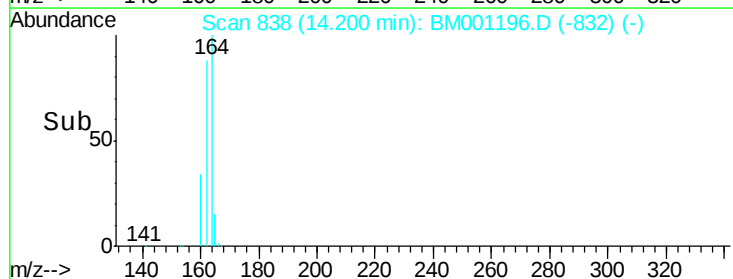
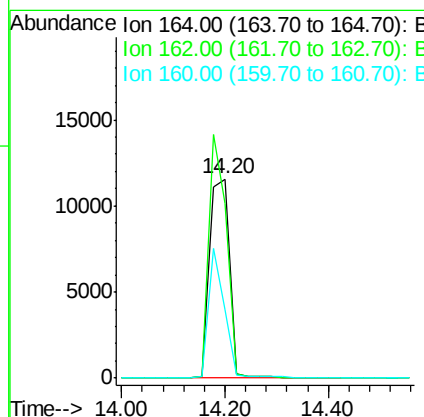
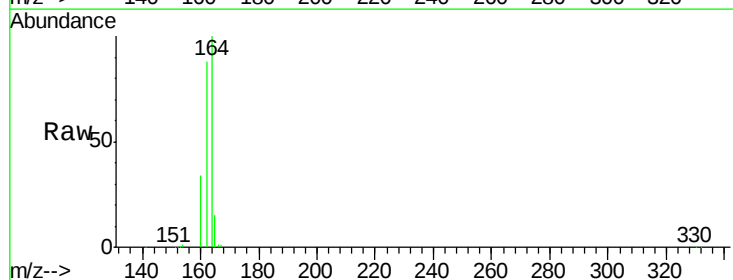
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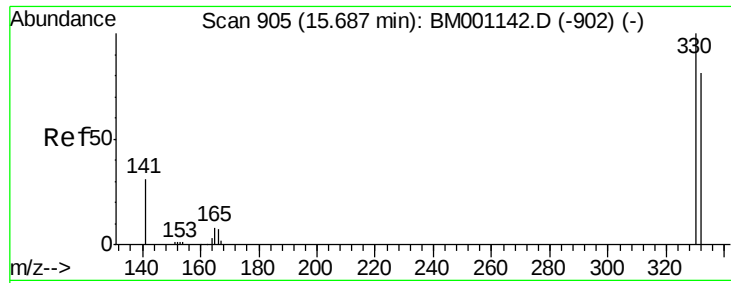
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#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 838
Delta R.T. -0.00 min
Lab File: BM001196.D
Acq: 04 May 2015 22:37

Tgt Ion:164 Resp: 30500
Ion Ratio Lower Upper
164 100
162 87.8 72.7 109.1
160 34.0 28.7 43.1





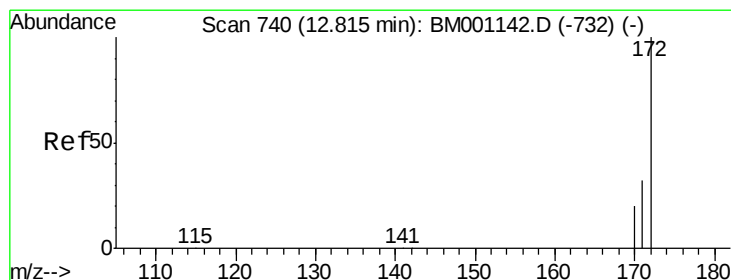
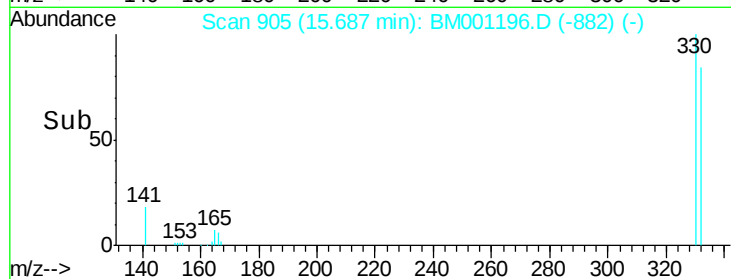
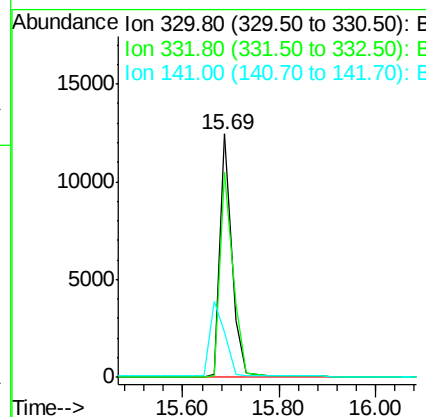
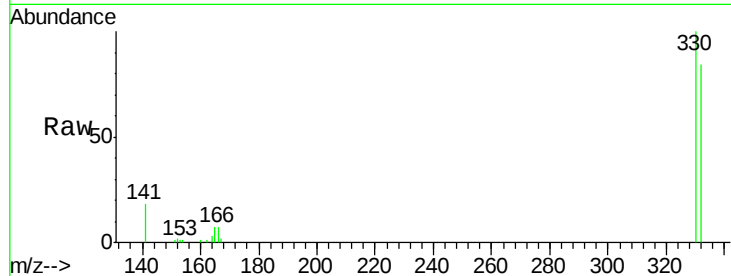
#13
 2,4,6-Tribromophenol
 Concen: 14.42 ng
 RT: 15.69 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BM001196.D
 Acq: 04 May 2015 22:37

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	21669		
332	92.7	74.5	111.7	
141	0.0	21.0	31.4#	

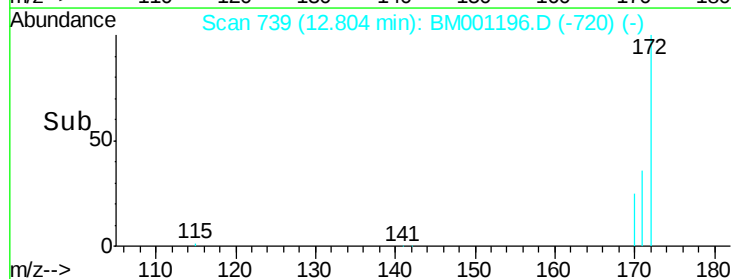
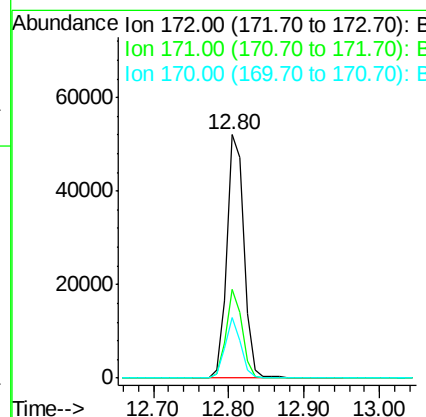
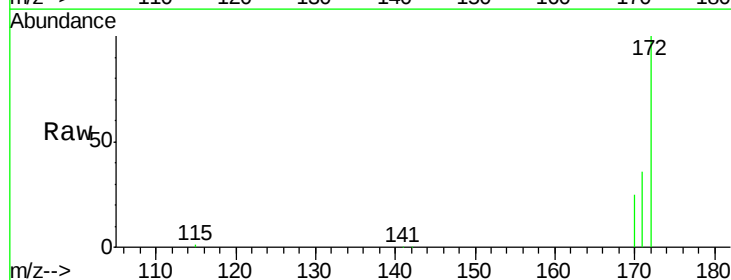
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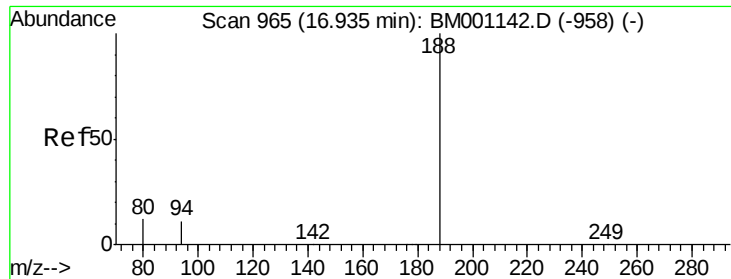
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#14
 2-Fluorobiphenyl
 Concen: 8.32 ng
 RT: 12.80 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BM001196.D
 Acq: 04 May 2015 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	83894		
171	36.5	25.8	38.6	
170	25.0	16.1	24.1#	





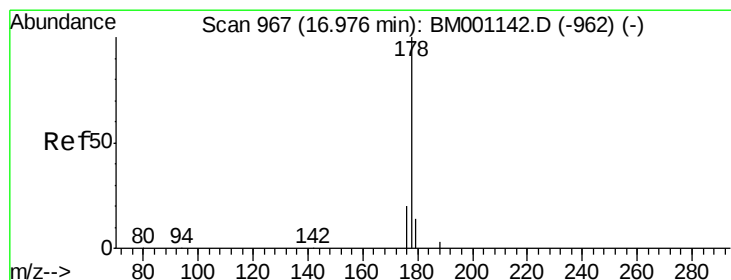
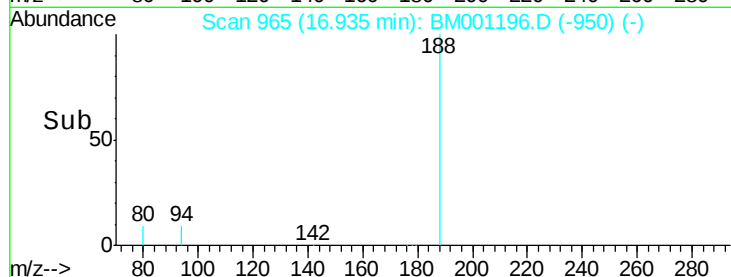
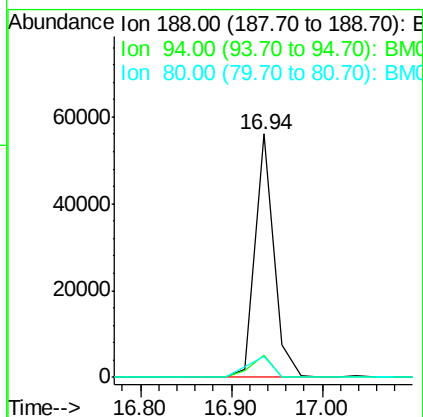
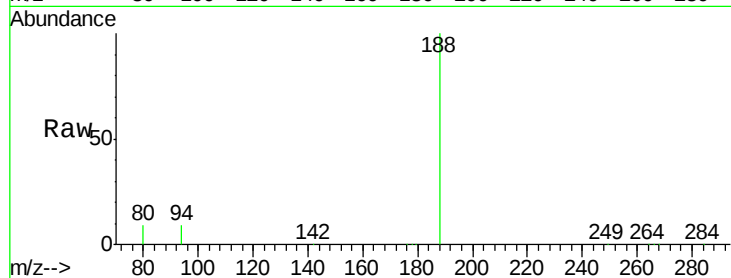
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Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 965
Delta R.T. -0.00 min
Lab File: BM001196.D
Acq: 04 May 2015 22:37

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		81143
94	8.9	9.3	13.9#
80	8.7	9.8	14.6#

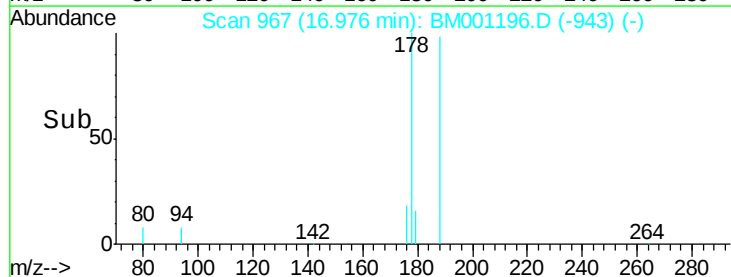
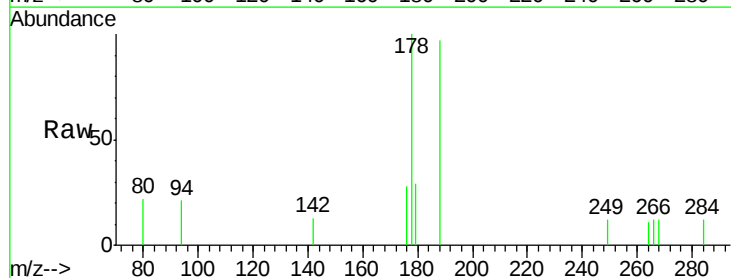
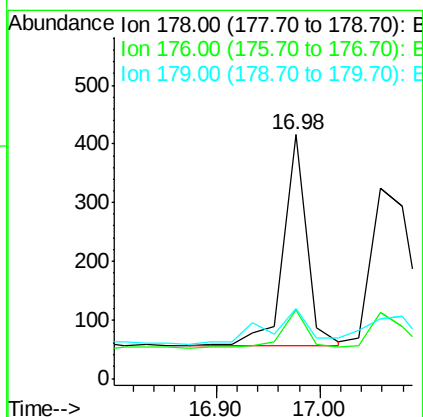
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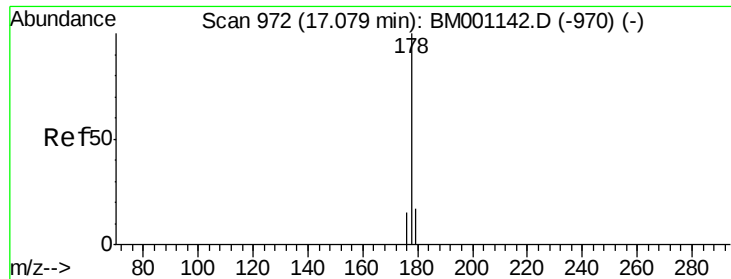
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#21
Phenanthrene
Concen: 0.03 ng
RT: 16.98 min Scan# 967
Delta R.T. -0.00 min
Lab File: BM001196.D
Acq: 04 May 2015 22:37

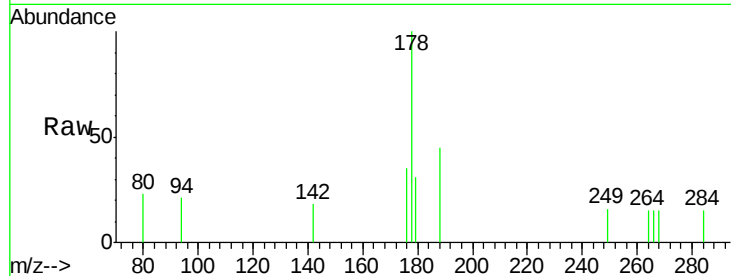
Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		570
176	19.5	15.5	23.3
179	29.8	12.0	18.0#





#22
 Anthracene
 Concen: 0.04 ng
 RT: 17.06 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BM001196.D
 Acq: 04 May 2015 22:37

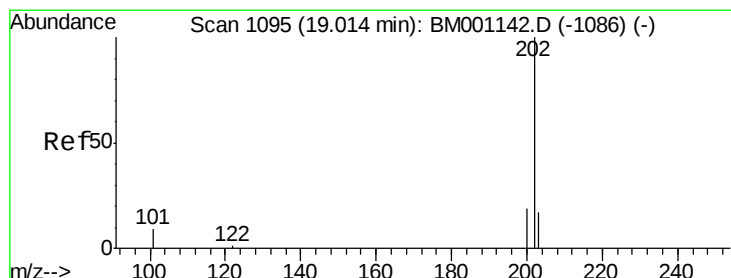
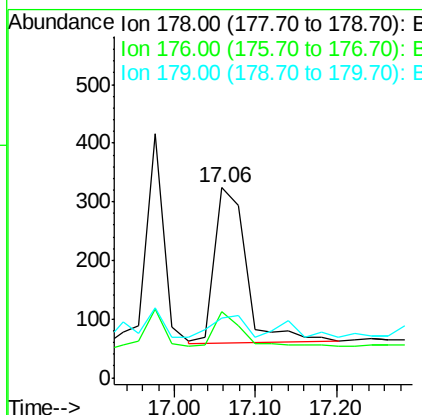
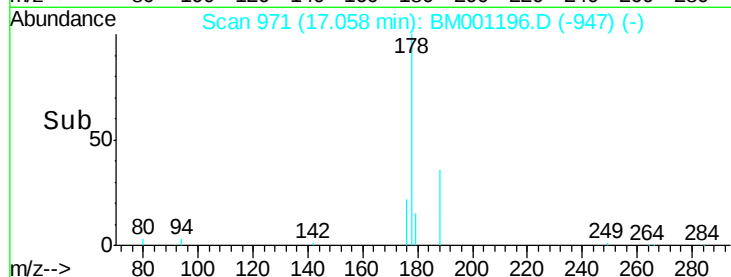
Instrument :
 BNA_M
 ClientSampled :
 MW-105



Tgt Ion:178 Resp: 714
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.3 21.5
 179 0.0 12.2 18.2#

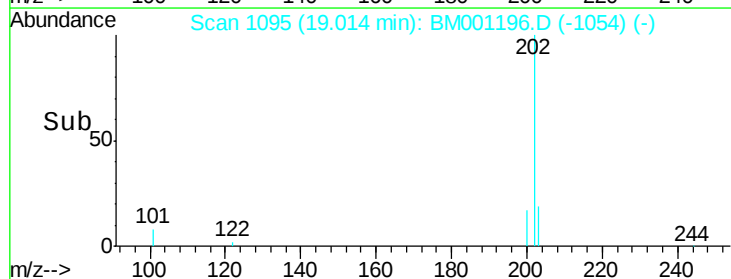
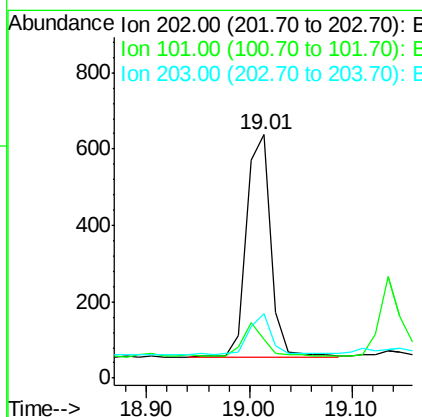
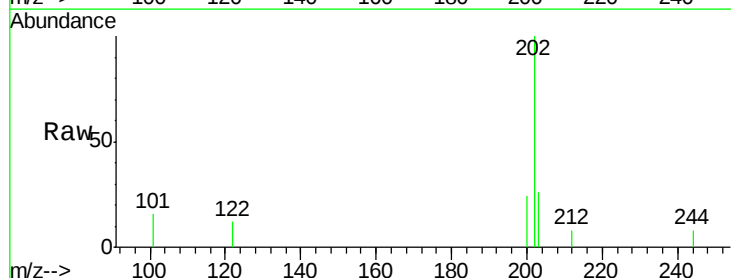
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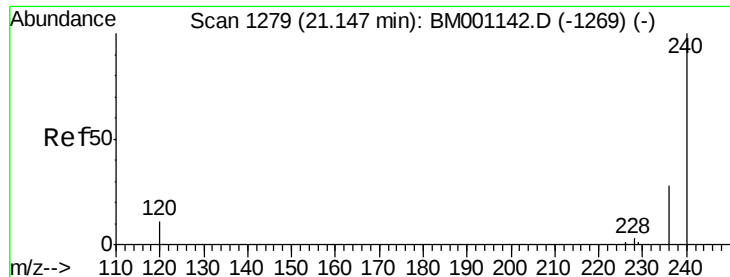
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#23
 Fluoranthene
 Concen: 0.05 ng
 RT: 19.01 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BM001196.D
 Acq: 04 May 2015 22:37

Tgt Ion:202 Resp: 958
 Ion Ratio Lower Upper
 202 100
 101 13.7 9.3 13.9
 203 17.0 13.7 20.5





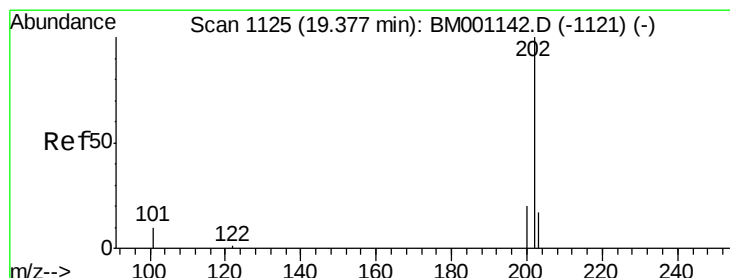
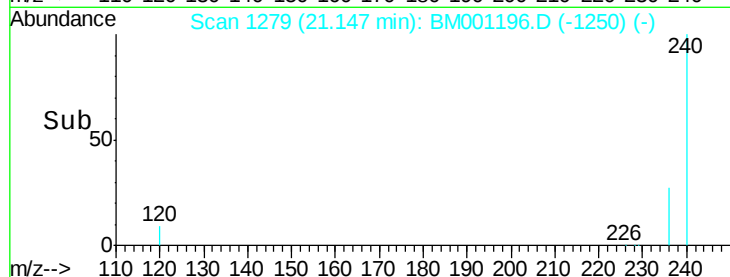
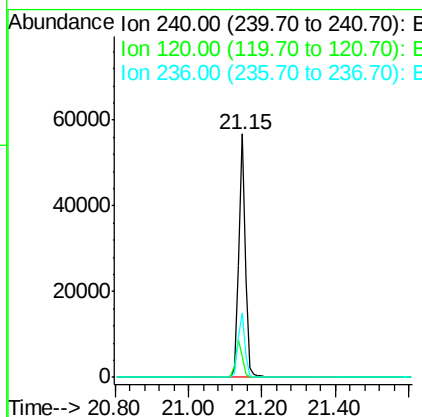
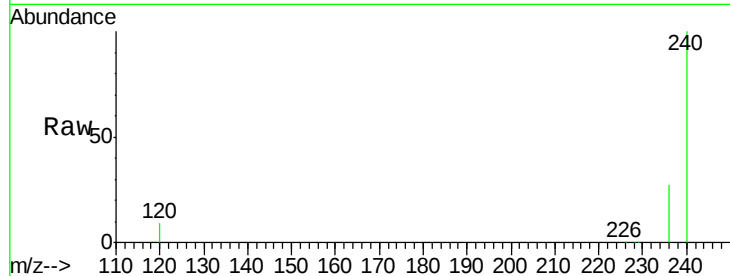
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.15 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM001196.D
Acq: 04 May 2015 22:37

Instrument :
BNA_M
ClientSampleId :
MW-105

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.2	13.8#
236	26.7	22.4	33.6

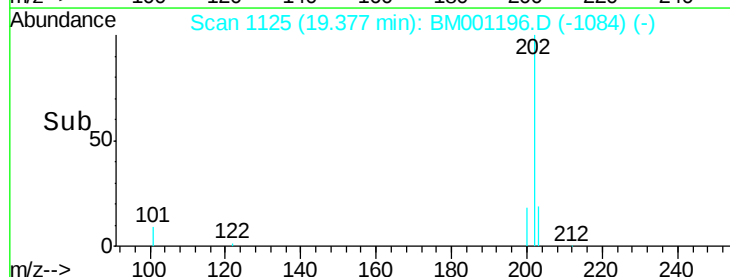
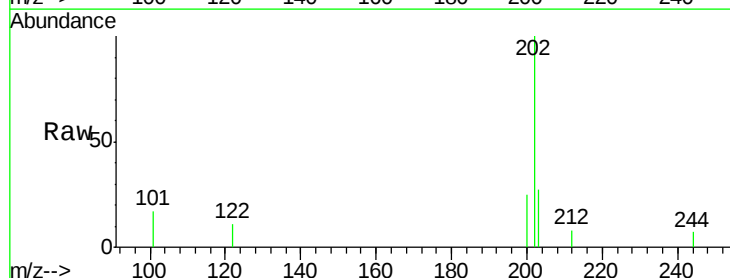
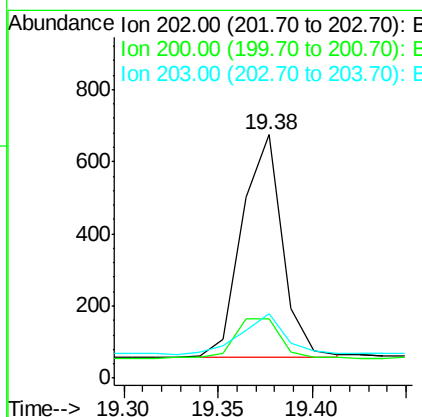
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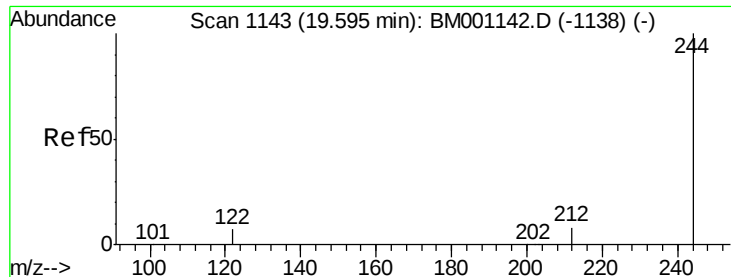
apatel
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#25
Pyrene
Concen: 0.04 ng m
RT: 19.38 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BM001196.D
Acq: 04 May 2015 22:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.4	24.6
203	17.8	13.8	20.6





#26

Terphenyl-d14

Concen: 9.40 ng

RT: 19.58 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BM001196.D

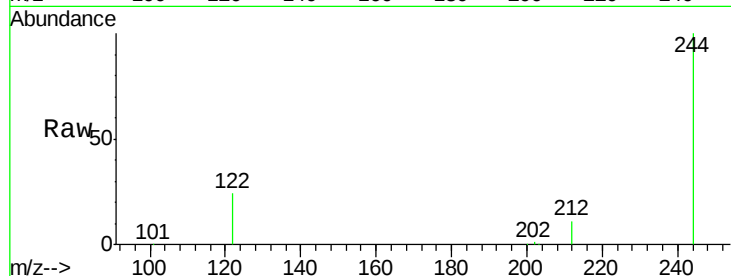
Acq: 04 May 2015 22:37

Instrument :

BNA_M

ClientSampleId :

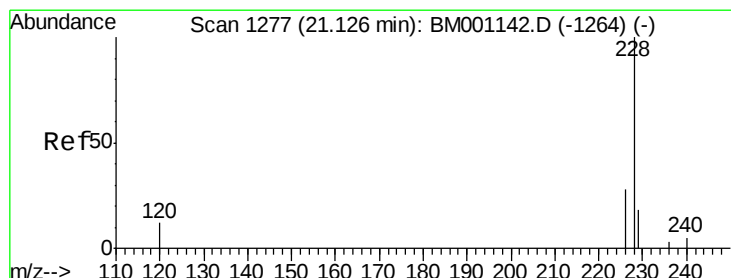
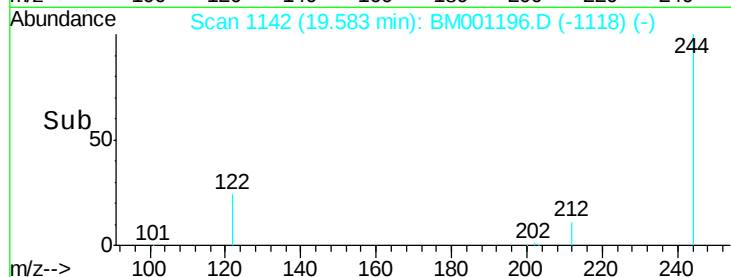
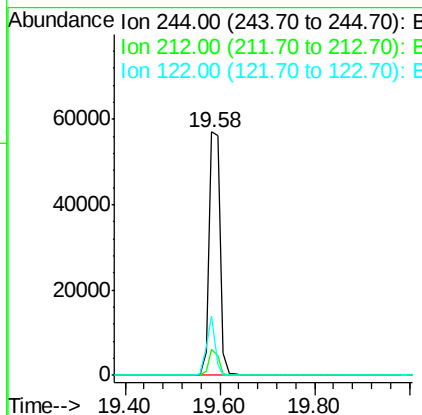
MW-105



Tgt Ion:	244	Resp:	90916
Ion Ratio	Lower	Upper	
244	100		
212	10.9	7.1	10.7#
122	24.4	6.2	9.4#

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#27

Benzo(a)anthracene

Concen: 0.04 ng

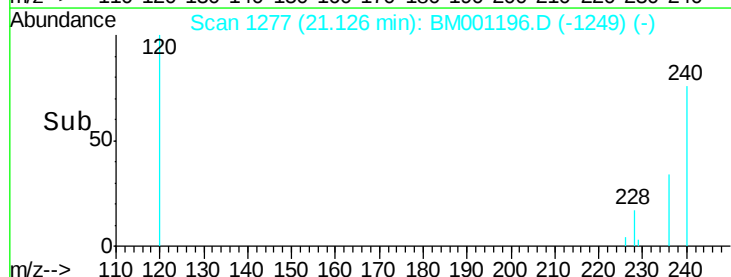
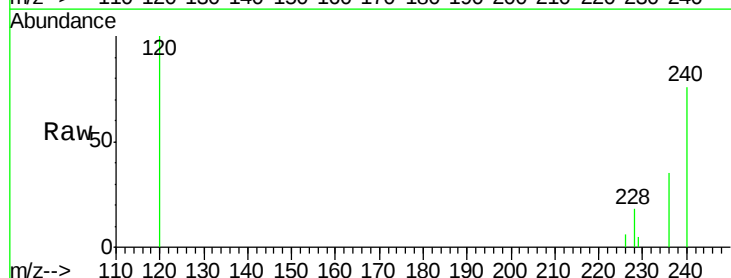
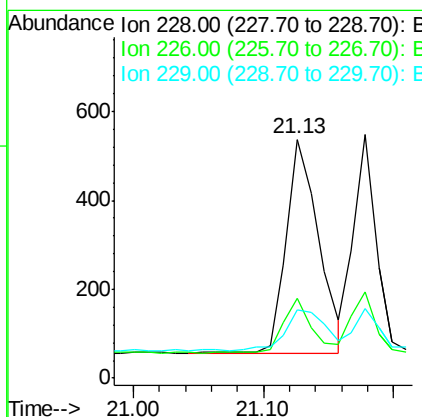
RT: 21.13 min Scan# 1277

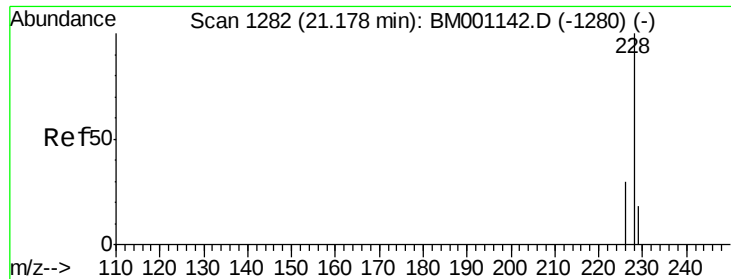
Delta R.T. -0.00 min

Lab File: BM001196.D

Acq: 04 May 2015 22:37

Tgt Ion:	228	Resp:	826
Ion Ratio	Lower	Upper	
228	100		
226	33.5	22.8	34.2
229	28.4	14.4	21.6#





#28

Chrysene

Concen: 0.03 ng

RT: 21.18 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BM001196.D

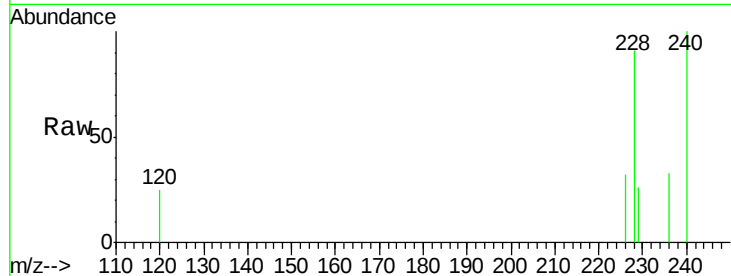
Acq: 04 May 2015 22:37

Instrument :

BNA_M

ClientSampleId :

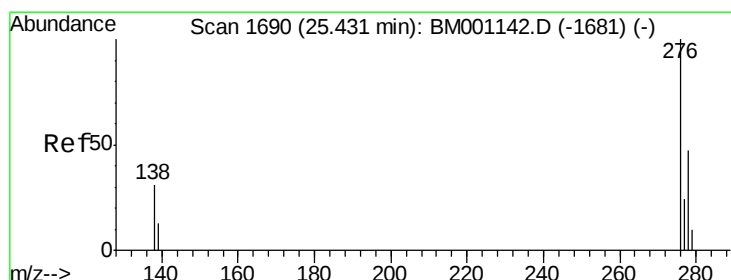
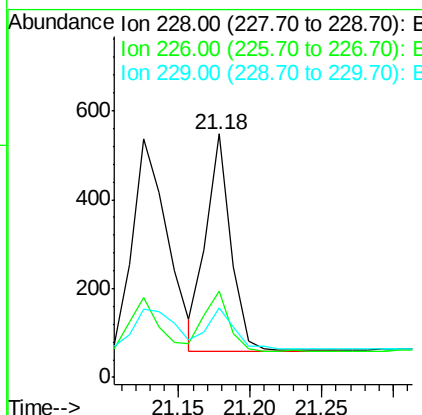
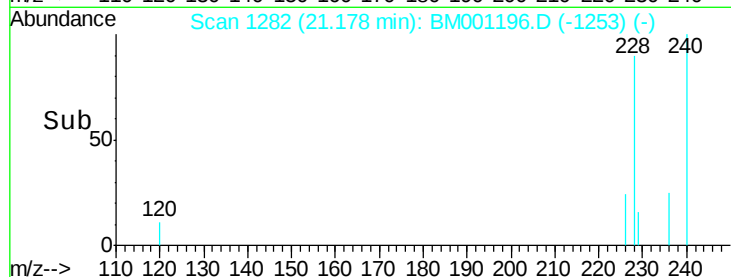
MW-105



Tgt Ion:	228	Resp:	600
Ion Ratio	Lower	Upper	
228	100		
226	35.2	24.4	36.6
229	28.6	14.3	21.5

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#29

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng

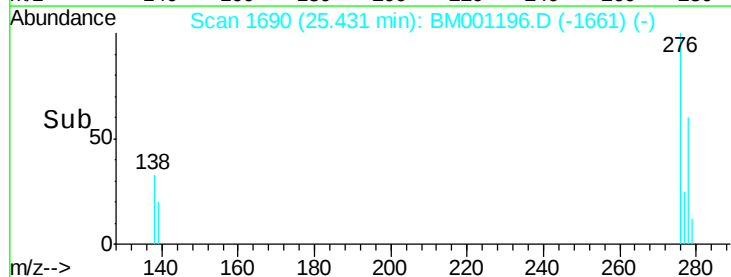
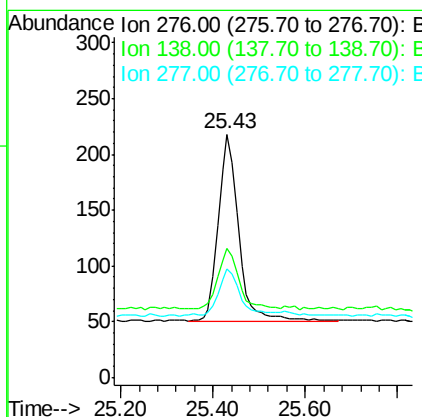
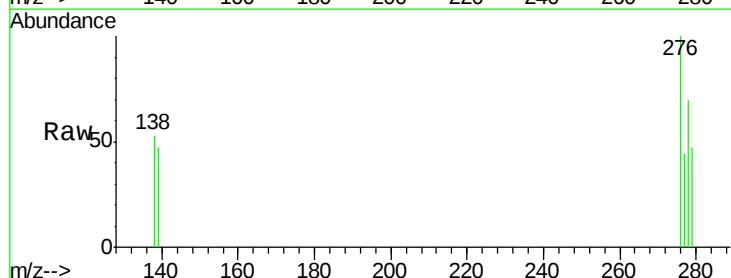
RT: 25.43 min Scan# 1690

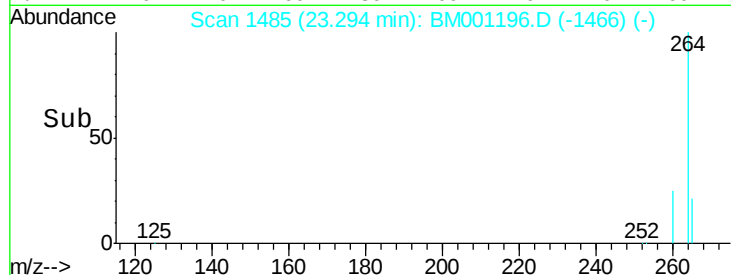
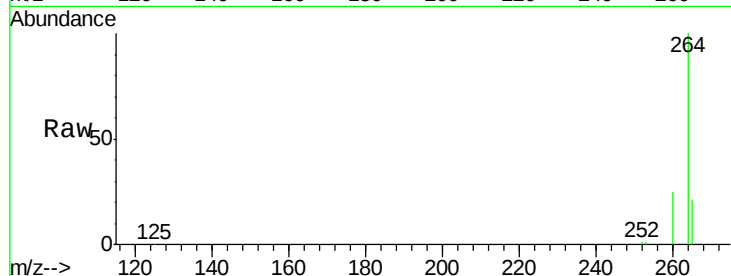
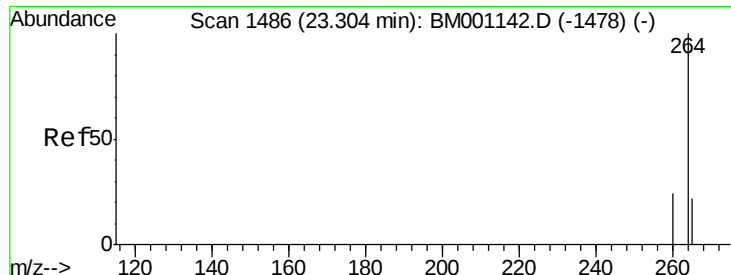
Delta R.T. -0.00 min

Lab File: BM001196.D

Acq: 04 May 2015 22:37

Tgt Ion:	276	Resp:	529
Ion Ratio	Lower	Upper	
276	100		
138	31.9	24.2	36.4
277	23.8	19.8	29.6





#30
Perylene-d12
Concen: 5.00 ng
RT: 23.29 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BM001196.D
Acq: 04 May 2015 22:37

Instrument :
BNA_M
ClientSampleId :
MW-105

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.9	28.3
265	21.3	18.1	27.1

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