

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
 Data File : BM012111.D
 Acq On : 12 Oct 2017 22:39
 Operator : SJ/JU
 Sample : I5772-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD9S0

Manual Integrations
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 10/15/2017 12:36:18 PM

Quant Time: Oct 13 04:07:55 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 13 03:06:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	228895	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1002073	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	606531	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1367621	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1269947	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1133672	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	31379m	6.51	ng/uL	0.00
5) Phenol-d5	6.99	99	156442	8.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	402549	36.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	471237	29.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	325346	20.35	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	289059	37.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	332888	37.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	576374	33.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	28361m	1.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2094561	39.07	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2465728	38.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	56375	7.00	ng/ul	0.00
57) Fluorene-d10	15.47	176	1735362	39.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	335911	35.79	ng/ul	0.00
70) Anthracene-d10	17.33	188	2694982	39.85	ng/ul	0.00
76) Pyrene-d10	19.62	212	2902244	45.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	2234841	40.89	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.69	128	506072	9.76	ng/ul	99
40) 1,1'-Biphenyl	13.31	154	3892396	76.04	ng/ul	99
47) Acenaphthylene	14.20	152	223030	3.50	ng/ul#	87
49) Acenaphthene	14.55	153	5764357	134.30	ng/ul	100
53) Dibenzofuran	14.89	168	9466709	153.18	ng/ul	99
58) Fluorene	15.53	166	1351299	26.33	ng/ul#	97
69) Phenanthrene	17.27	178	3272666	42.06	ng/ul	99
71) Anthracene	17.36	178	551439	6.85	ng/ul	99
72) Carbazole	17.64	167	6161277	90.39	ng/ul	98
74) Fluoranthene	19.28	202	702453	7.48	ng/ul#	90
77) Pyrene	19.64	202	357875	4.27	ng/ul#	89

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

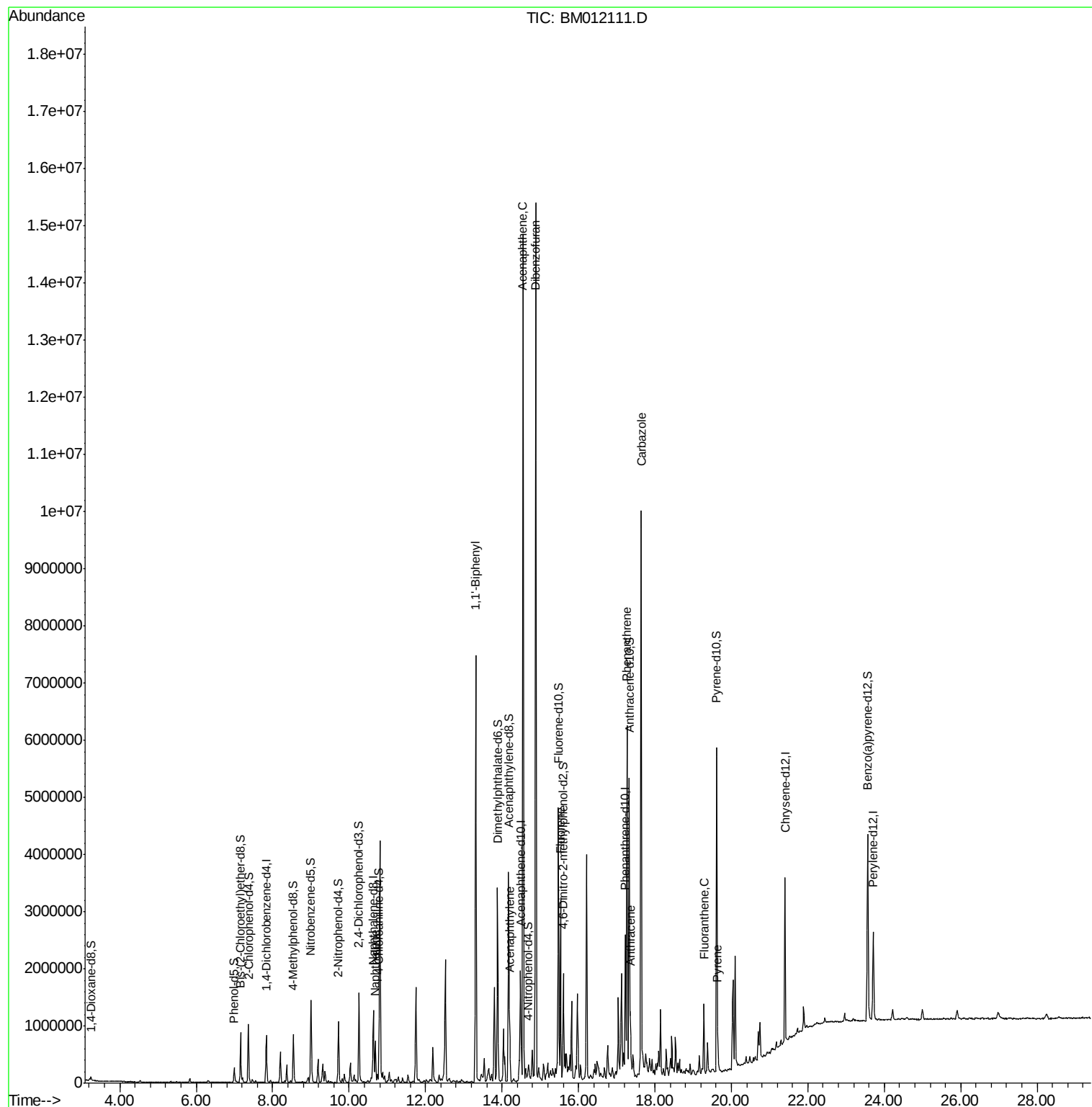
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012111.D
Acq On : 12 Oct 2017 22:39
Operator : SJ/JU
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ALS Vial : 12 Sample Multiplier: 1

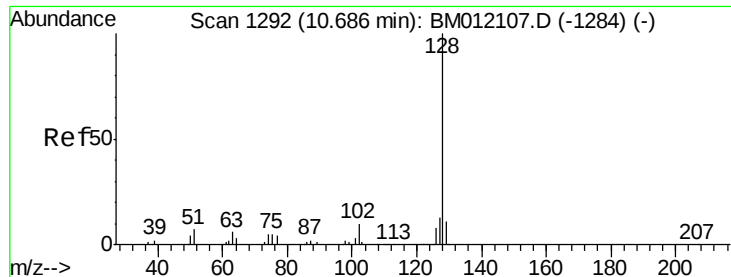
Instrument :
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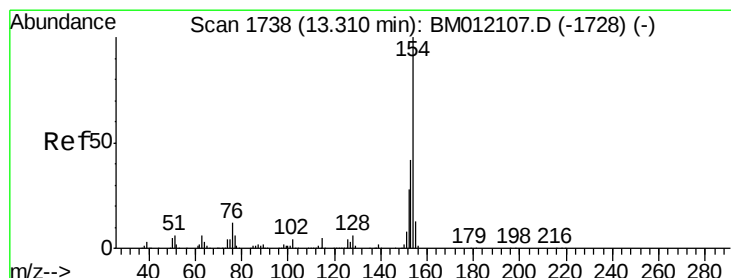
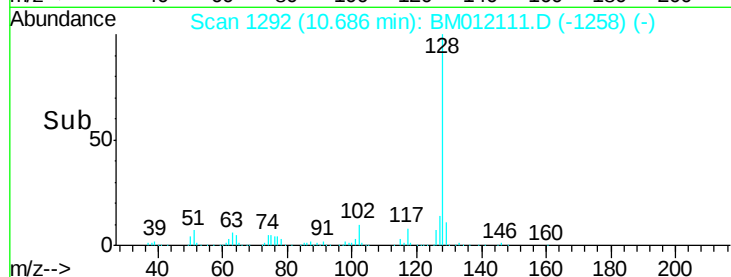
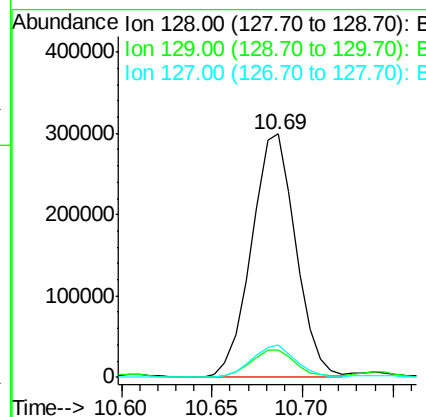
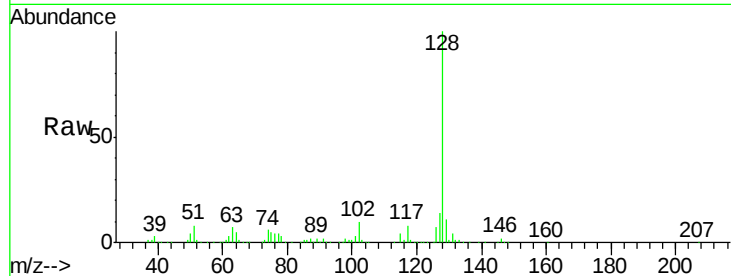
#28
Naphthalene
Concen: 9.76 ng/ul
RT: 10.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BM012111.D
Acq: 12 Oct 2017 22:39

Instrument :
BNA_M
ClientSampleId :
BD9S0

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.4	8.8	13.2
127	13.5	10.6	16.0

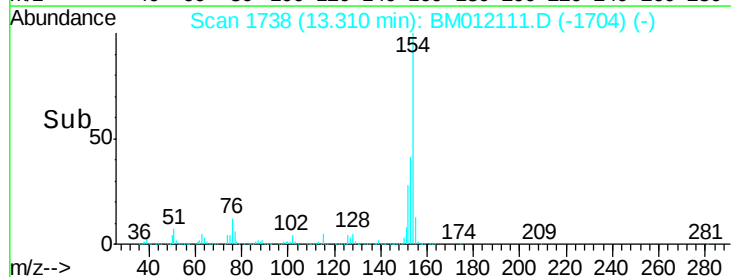
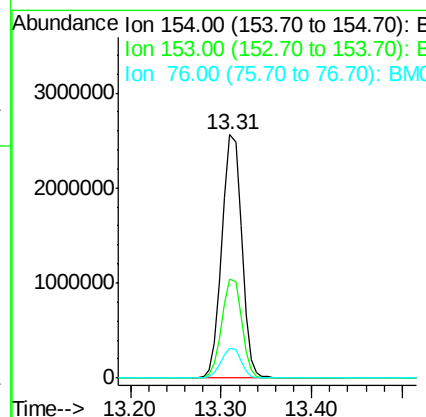
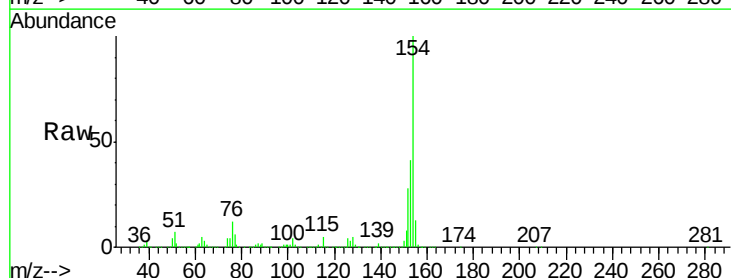
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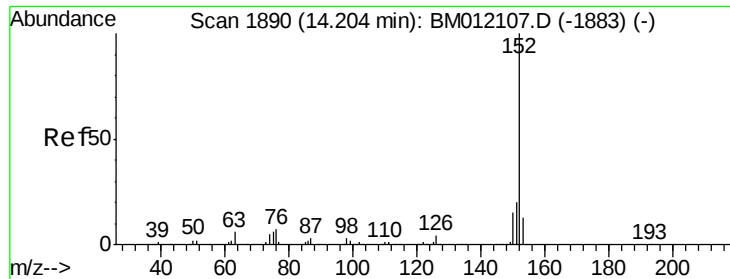
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#40
1,1'-Biphenyl
Concen: 76.04 ng/ul
RT: 13.31 min Scan# 1738
Delta R.T. 0.00 min
Lab File: BM012111.D
Acq: 12 Oct 2017 22:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.7	32.6	48.8
76	12.3	8.5	12.7





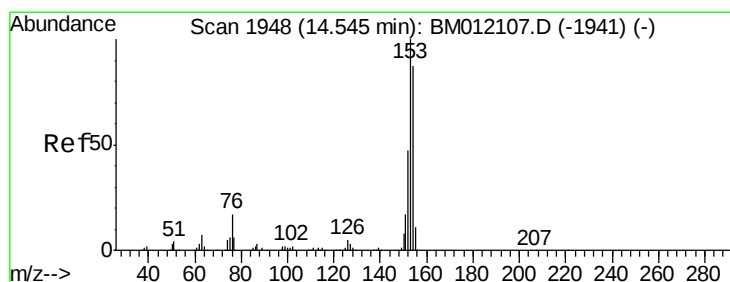
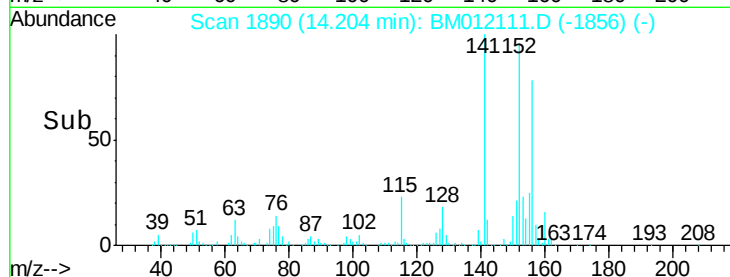
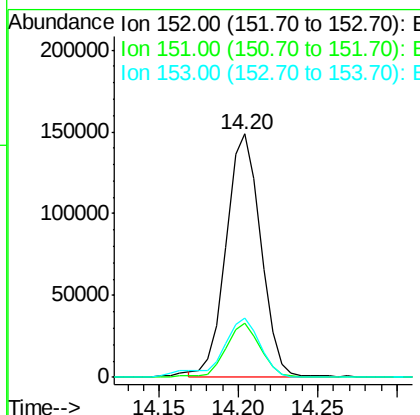
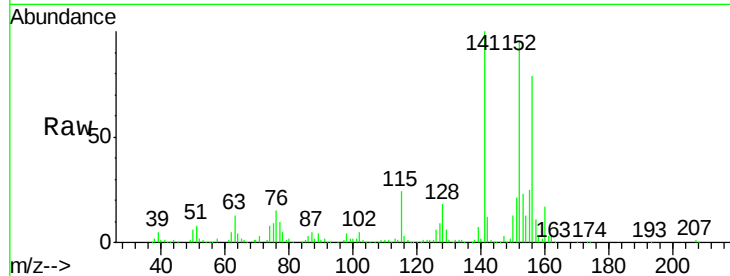
#47
Acenaphthylene
Concen: 3.50 ng/ul
RT: 14.20 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BM012111.D
Acq: 12 Oct 2017 22:39

Instrument :
BNA_M
ClientSampleId :
BD9S0

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	223030		
151	22.0	16.3	24.5	
153	24.2	10.2	15.4	

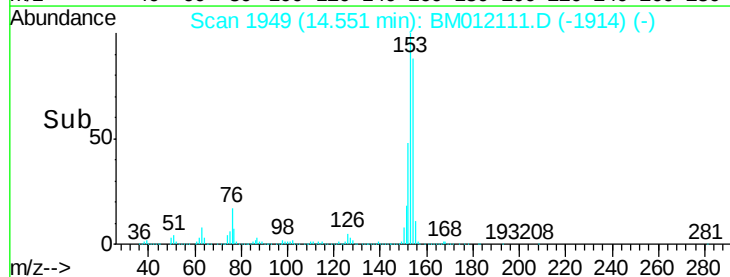
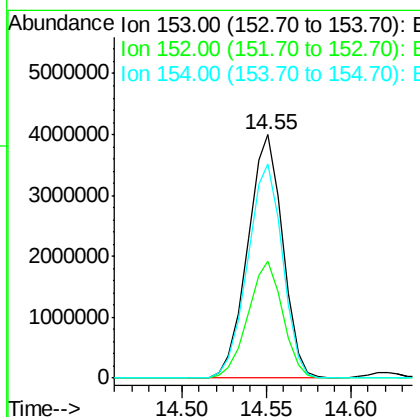
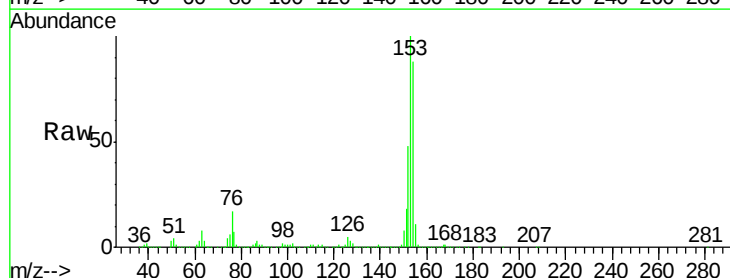
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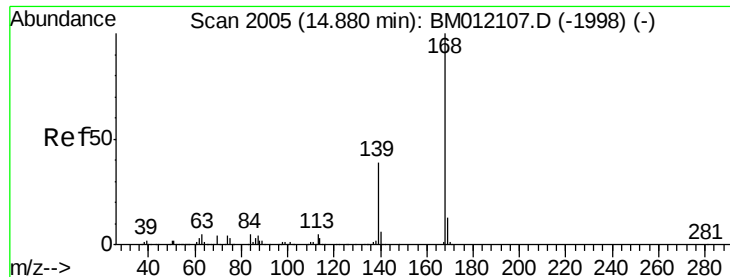
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#49
Acenaphthene
Concen: 134.30 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BM012111.D
Acq: 12 Oct 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	5764357		
152	47.8	37.6	56.4	
154	88.0	70.4	105.6	





#53

Dibenzenofuran

Concen: 153.18 ng/ul

RT: 14.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BM012111.D

Acq: 12 Oct 2017 22:39

Instrument :

BNA_M

ClientSampleId :

BD9S0

Tgt Ion:168 Resp: 9466709

Ion Ratio Lower Upper

168 100

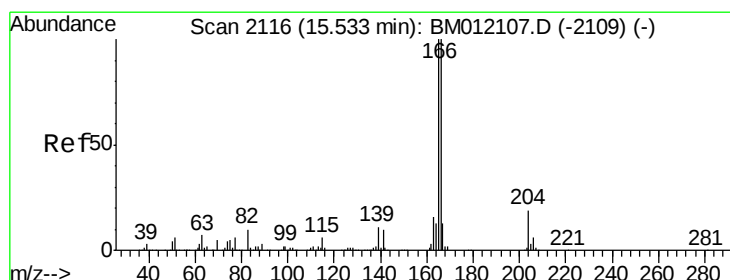
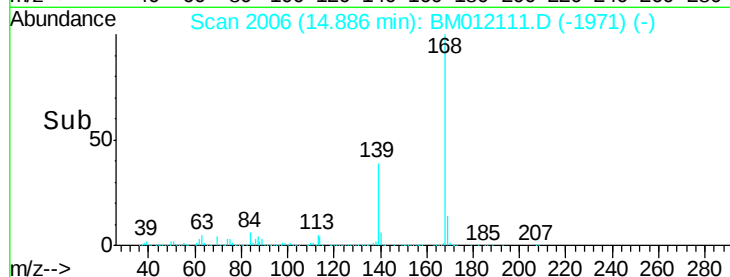
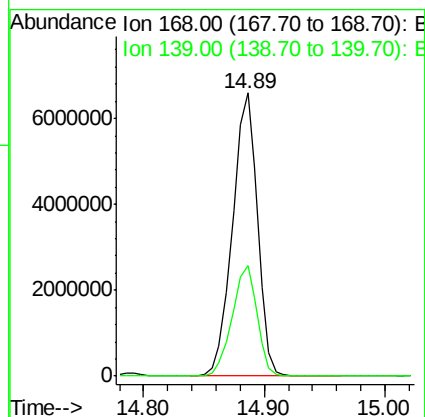
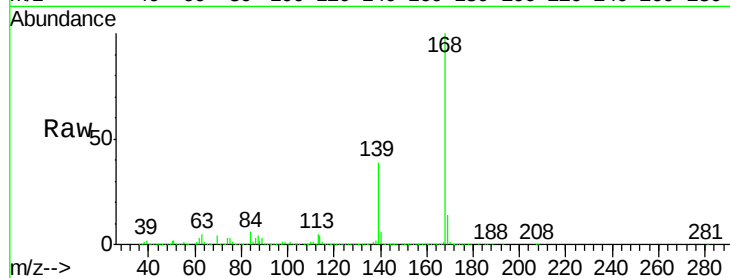
139 39.0 30.8 46.2

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#58

Fluorene

Concen: 26.33 ng/ul

RT: 15.53 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM012111.D

Acq: 12 Oct 2017 22:39

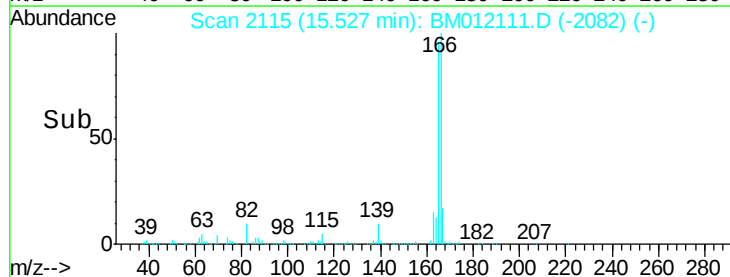
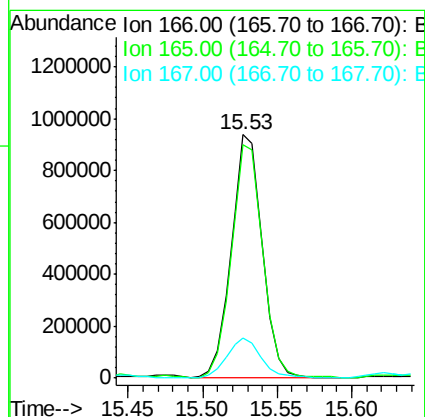
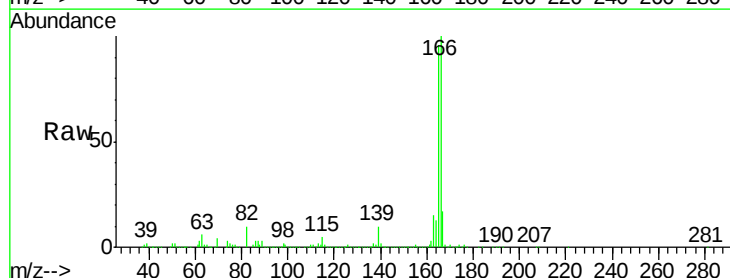
Tgt Ion:166 Resp: 1351299

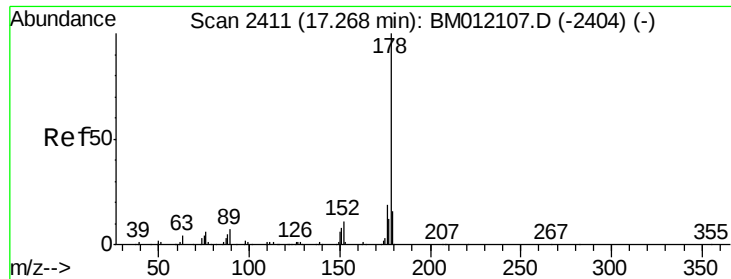
Ion Ratio Lower Upper

166 100

165 95.7 77.9 116.9

167 16.6 10.6 16.0#





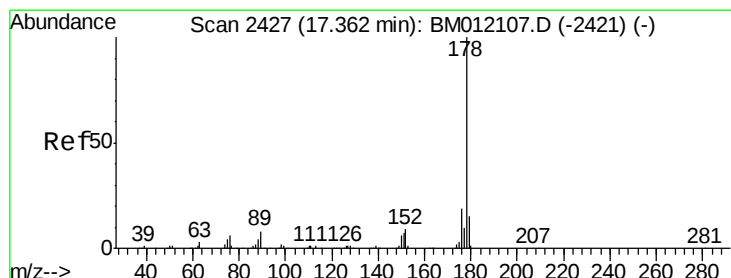
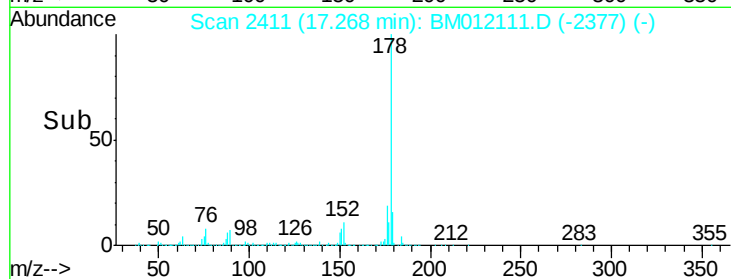
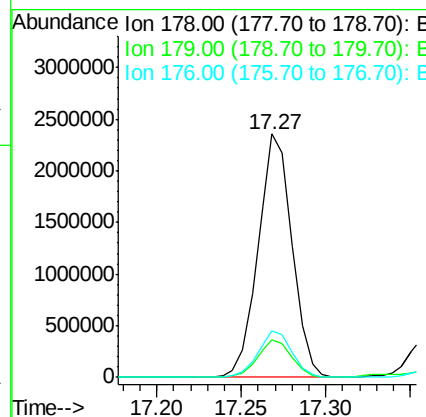
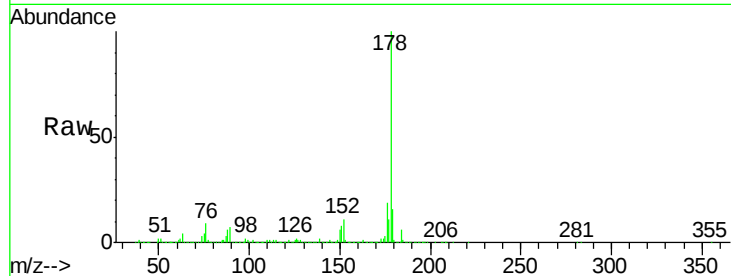
#69
Phenanthrene
Concen: 42.06 ng/ul
RT: 17.27 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BM012111.D
Acq: 12 Oct 2017 22:39

Instrument :
BNA_M
ClientSampleId :
BD9S0

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.3	14.9	22.3

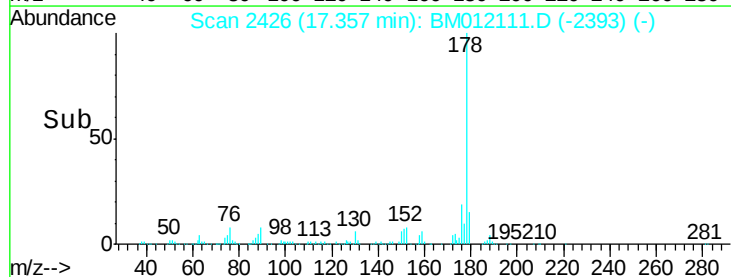
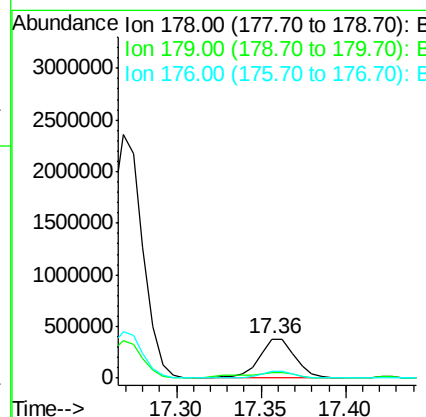
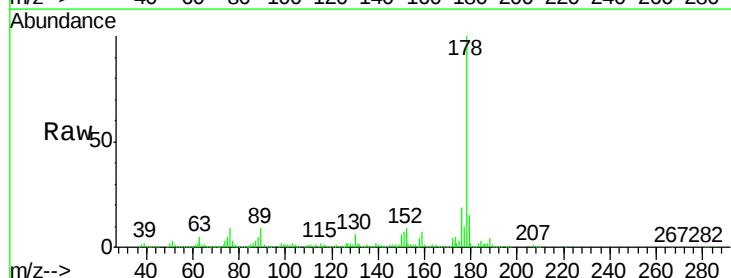
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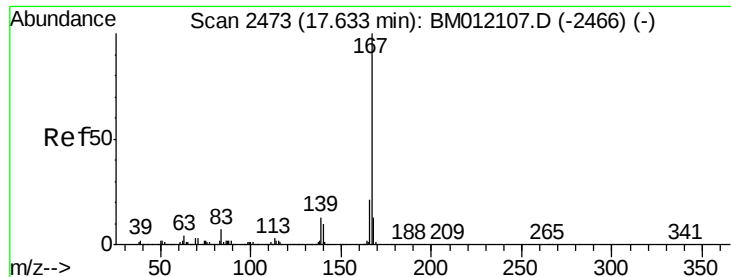
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#71
Anthracene
Concen: 6.85 ng/ul
RT: 17.36 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BM012111.D
Acq: 12 Oct 2017 22:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.7	17.5
176	18.9	14.6	21.8





#72

Carbazole

Concen: 90.39 ng/ul

RT: 17.64 min Scan# 2474

Delta R.T. 0.01 min

Lab File: BM012111.D

Acq: 12 Oct 2017 22:39

Instrument :

BNA_M

ClientSampled :

BD9S0

Tgt Ion:167 Resp: 6161277

Ion Ratio Lower Upper

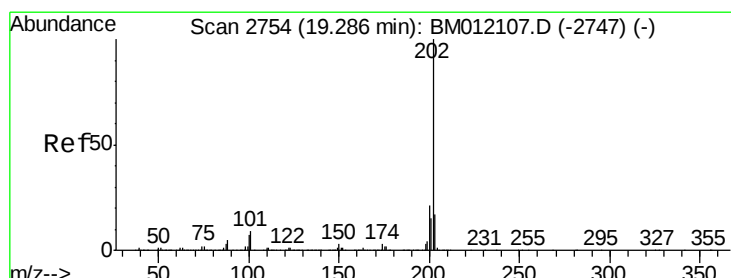
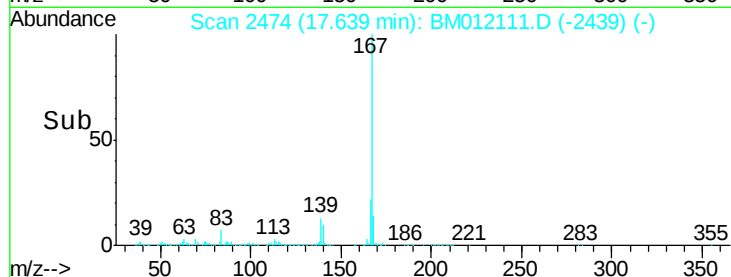
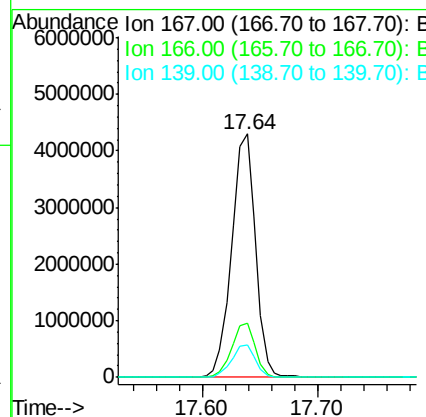
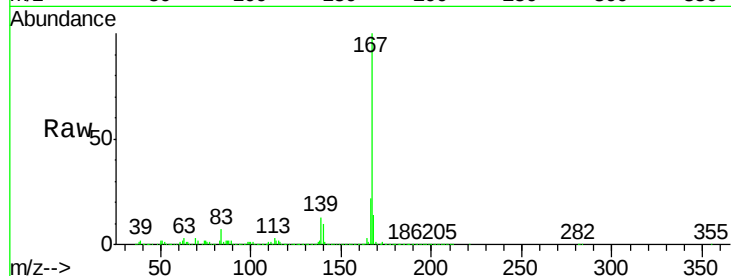
167 100

166 22.2 17.1 25.7

139 13.1 10.0 15.0

Manual Integrations
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#74

Fluoranthene

Concen: 7.48 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BM012111.D

Acq: 12 Oct 2017 22:39

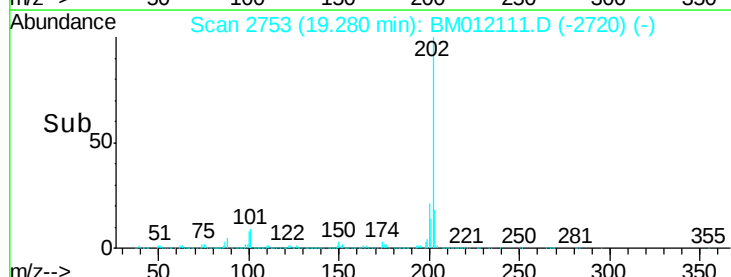
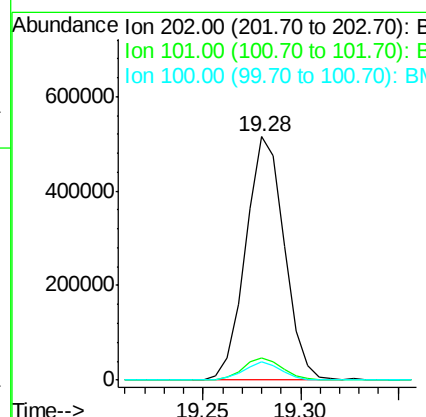
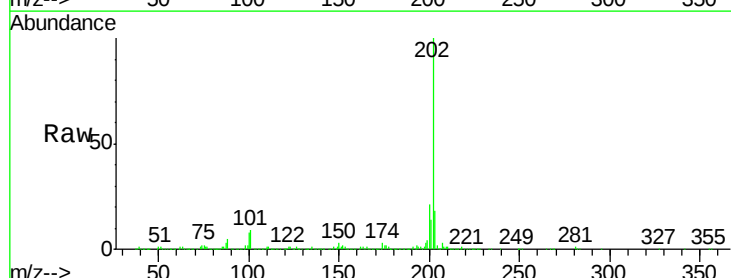
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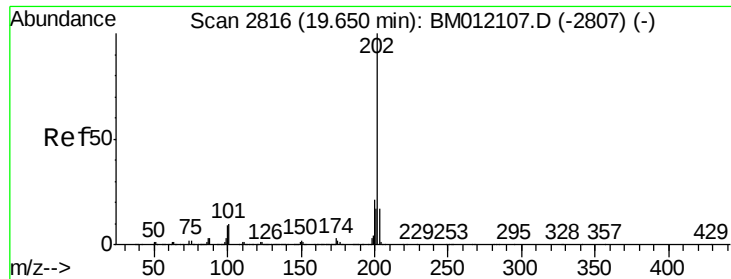
Ion Ratio Lower Upper

202 100

101 9.2 4.6 7.0#

100 7.6 3.4 5.2#





#77
 Pyrene
 Concen: 4.27 ng/ul
 RT: 19.64 min Scan# 2815
 Delta R.T. -0.01 min
 Lab File: BM012111.D
 Acq: 12 Oct 2017 22:39

Instrument :
 BNA_M
 ClientSampleId :
 BD9S0

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.9	5.1	7.7#
100	9.2	4.9	7.3#

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