

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
 Data File : BM012112.D
 Acq On : 12 Oct 2017 23:15
 Operator : SJ/JU
 Sample : I5772-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2P0

Manual Integrations
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Quant Time: Oct 13 04:31:57 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	210789	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	943703	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	586349	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1361428	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1509597	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1431746	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	31516m	7.11	ng/uL	0.00
5) Phenol-d5	7.00	99	151999	8.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	385680	37.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	450768	31.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	312601	21.23	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	288652	40.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	329346	39.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	571724	35.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	47608m	3.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2084253	40.22	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2476349	39.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	57592	7.39	ng/ul	0.00
57) Fluorene-d10	15.47	176	1718072	40.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	332254	35.56	ng/ul	0.00
70) Anthracene-d10	17.33	188	2732031	40.58	ng/ul	0.00
76) Pyrene-d10	19.62	212	3129956	40.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	2855683	41.37	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.68	128	485864	9.95	ng/ul	100
40) 1,1'-Biphenyl	13.31	154	3886414	78.54	ng/ul	99
47) Acenaphthylene	14.20	152	225363	3.66	ng/ul#	88
49) Acenaphthene	14.55	153	5785421	139.43	ng/ul	99
53) Dibenzofuran	14.89	168	9458826	158.32	ng/ul	99
58) Fluorene	15.53	166	1354235	27.29	ng/ul#	99
69) Phenanthrene	17.27	178	3301636	42.63	ng/ul	99
71) Anthracene	17.36	178	563327	7.03	ng/ul	99
72) Carbazole	17.64	167	6379039	94.01	ng/ul	98
74) Fluoranthene	19.28	202	753631	8.06	ng/ul#	90
77) Pyrene	19.64	202	384295	3.85	ng/ul#	88

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

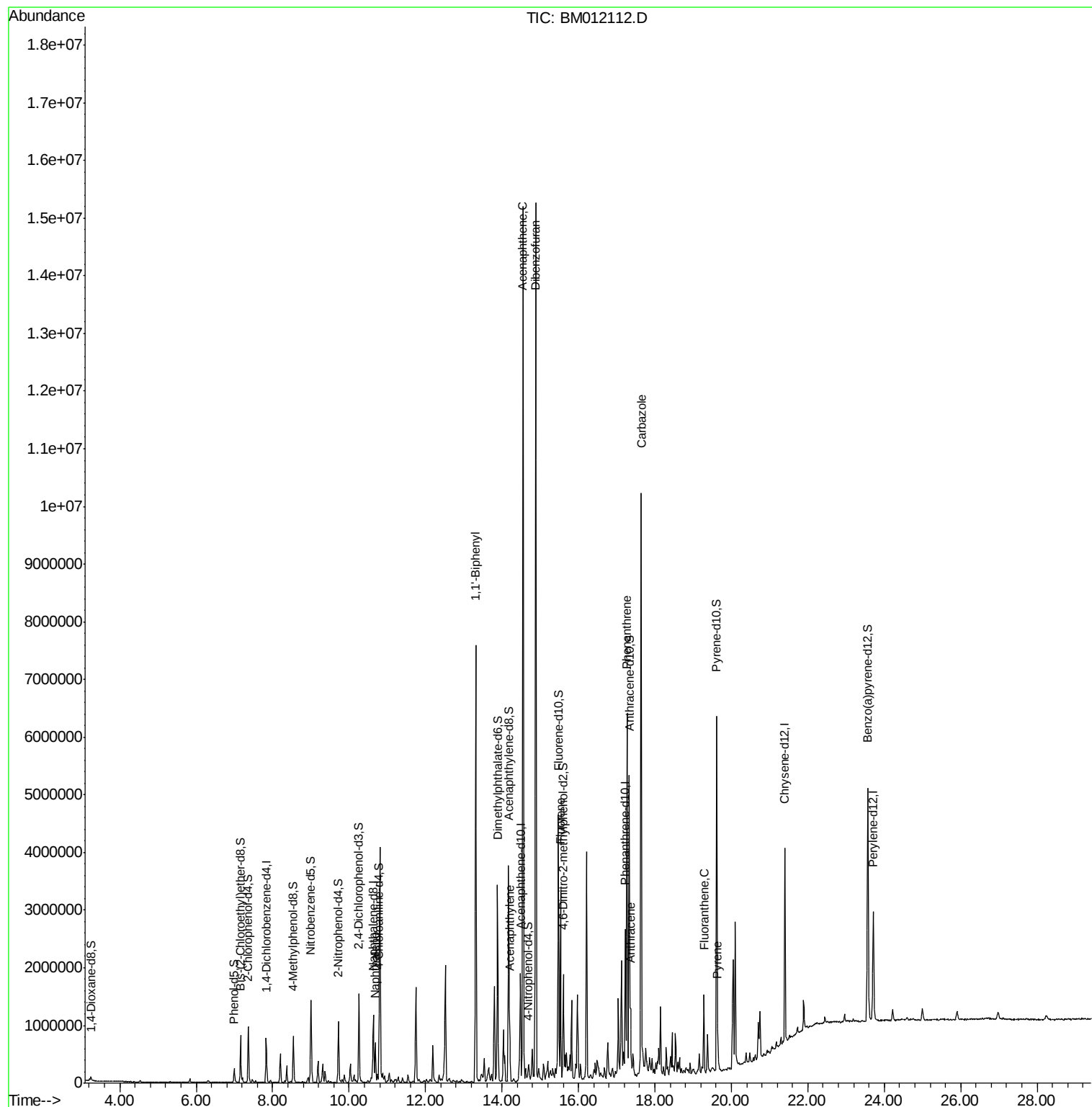
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

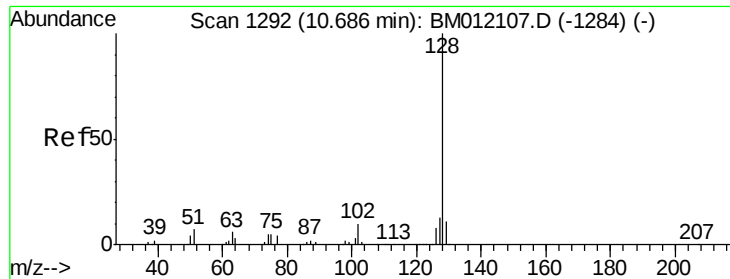
Instrument :
BNA_M
ClientSampleId :
BE2P0

Quant Time: Oct 13 04:31:57 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
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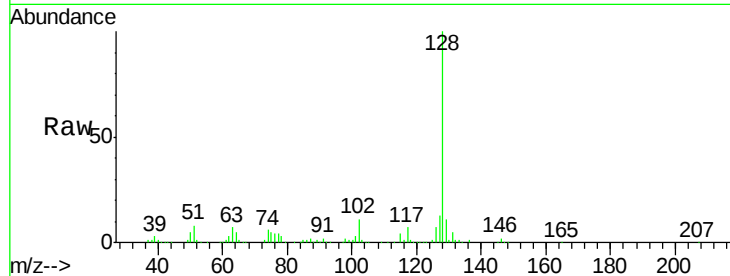
#28
Naphthalene
Concen: 9.95 ng/ul
RT: 10.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM012112.D
Acq: 12 Oct 2017 23:15

Instrument :
BNA_M
ClientSampled :
BE2P0

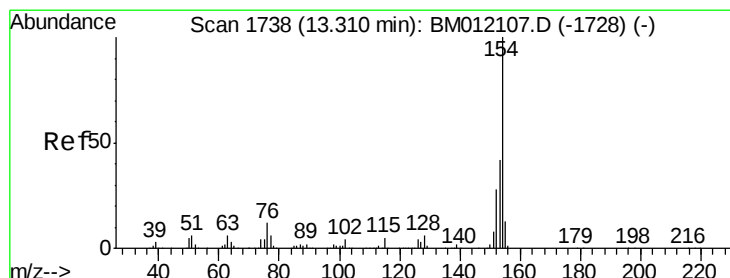
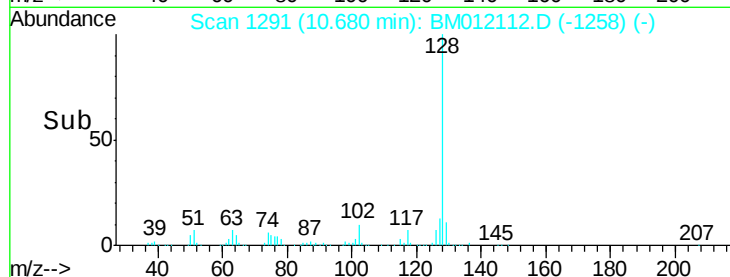
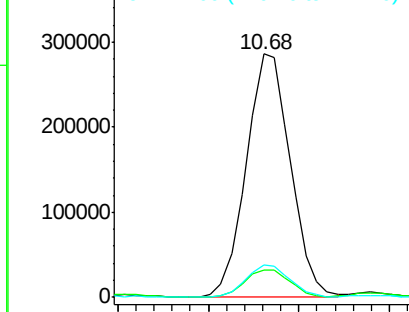
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	485864		
129	11.2	8.8	13.2	
127	13.4	10.6	16.0	

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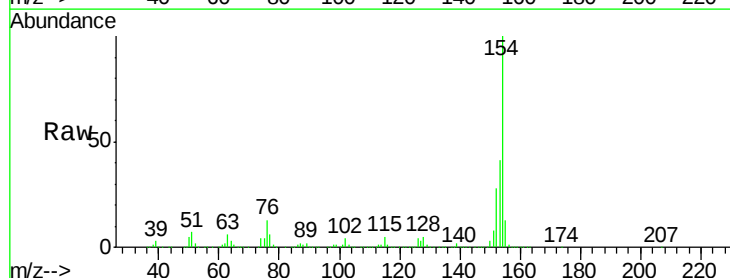


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

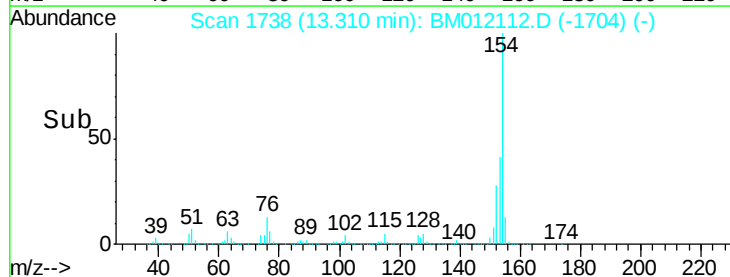
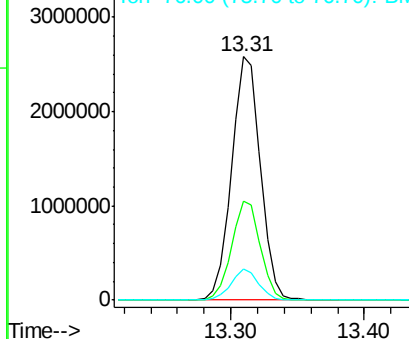


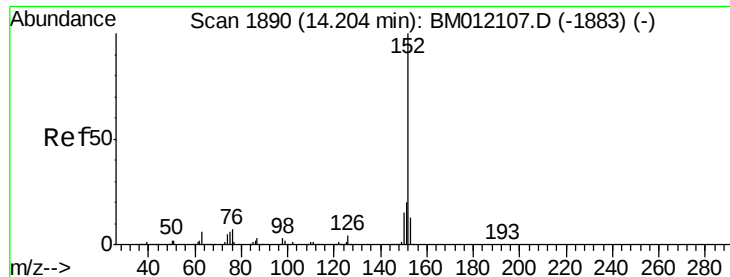
#40
1,1'-Biphenyl
Concen: 78.54 ng/ul
RT: 13.31 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BM012112.D
Acq: 12 Oct 2017 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	3886414		
153	40.8	32.6	48.8	
76	12.6	8.5	12.7	



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM0





#47

Acenaphthylene

Concen: 3.66 ng/ul

RT: 14.20 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BM012112.D

Acq: 12 Oct 2017 23:15

Instrument :

BNA_M

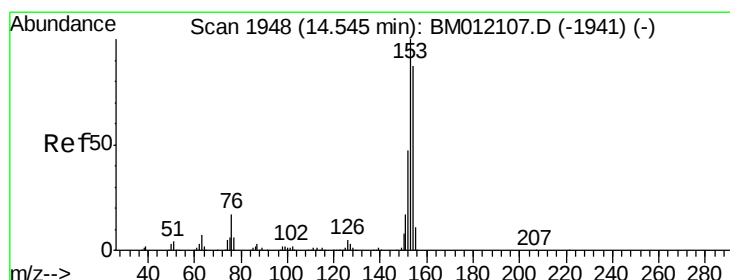
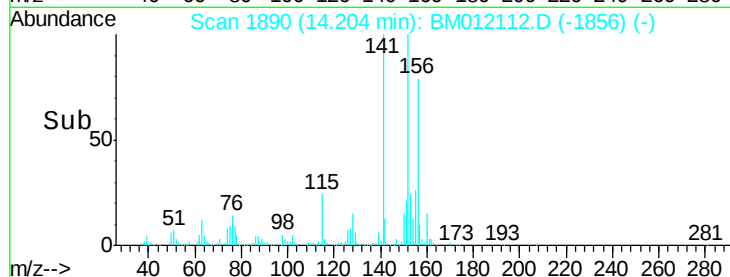
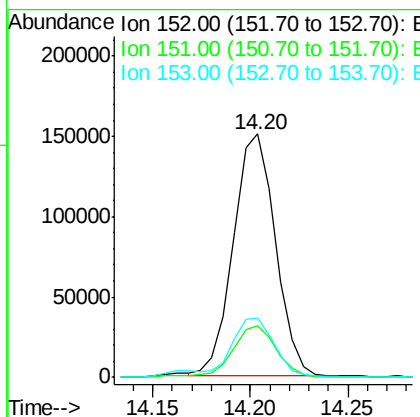
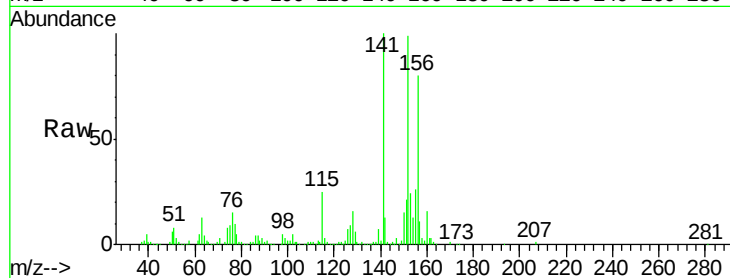
ClientSampleId :

BE2P0

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	225363		
151	21.1	16.3	24.5	
153	24.5	10.2	15.4	

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#49

Acenaphthene

Concen: 139.43 ng/ul

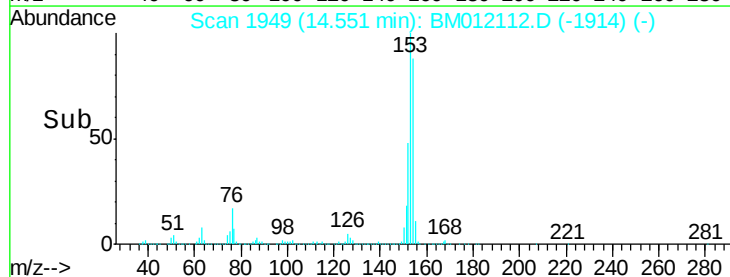
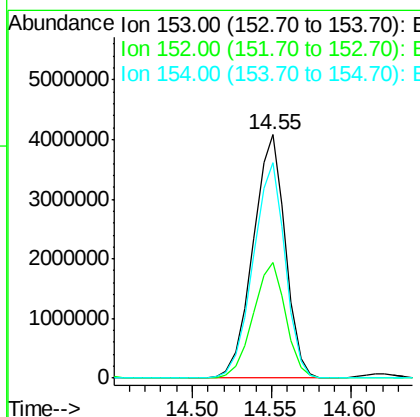
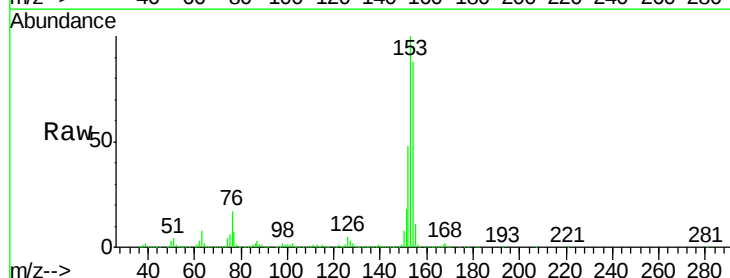
RT: 14.55 min Scan# 1949

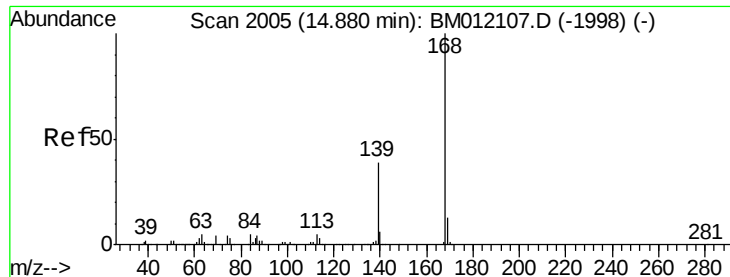
Delta R.T. 0.01 min

Lab File: BM012112.D

Acq: 12 Oct 2017 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	5785421		
152	47.7	37.6	56.4	
154	88.3	70.4	105.6	





#53

Dibenzenofuran

Concen: 158.32 ng/ul

RT: 14.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BM012112.D

Acq: 12 Oct 2017 23:15

Instrument :

BNA_M

ClientSampleId :

BE2P0

Tgt Ion:168 Resp: 9458826

Ion Ratio Lower Upper

168 100

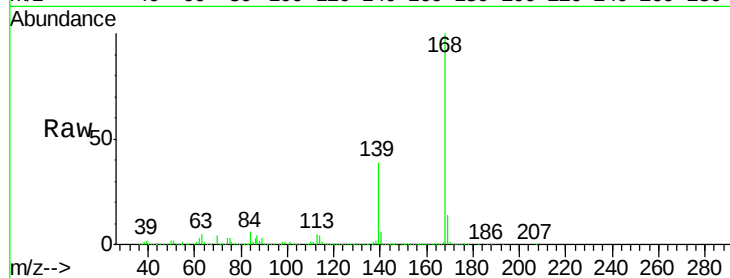
139 39.1 30.8 46.2

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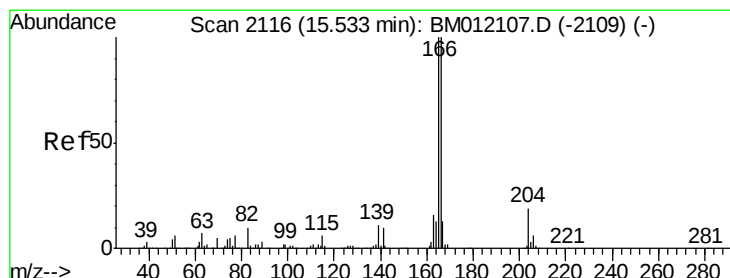
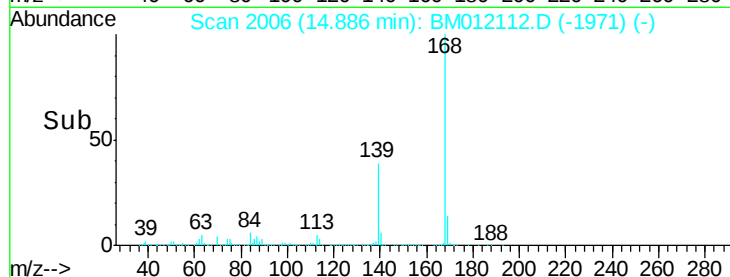
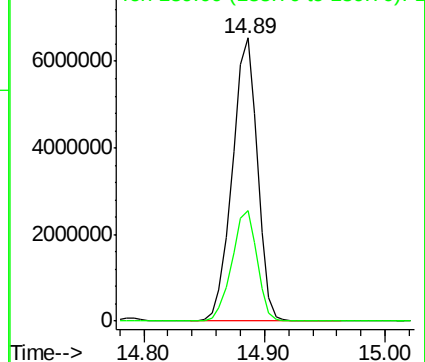
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 27.29 ng/ul

RT: 15.53 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM012112.D

Acq: 12 Oct 2017 23:15

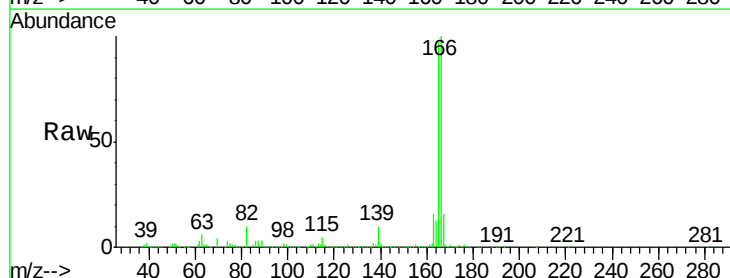
Tgt Ion:166 Resp: 1354235

Ion Ratio Lower Upper

166 100

165 97.4 77.9 116.9

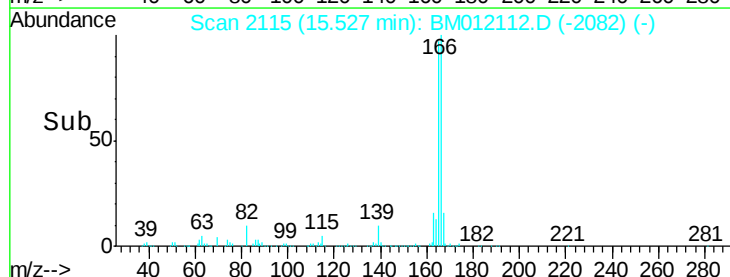
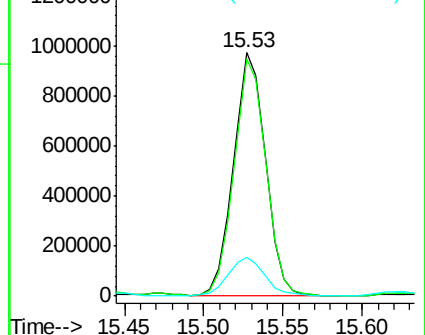
167 16.1 10.6 16.0#

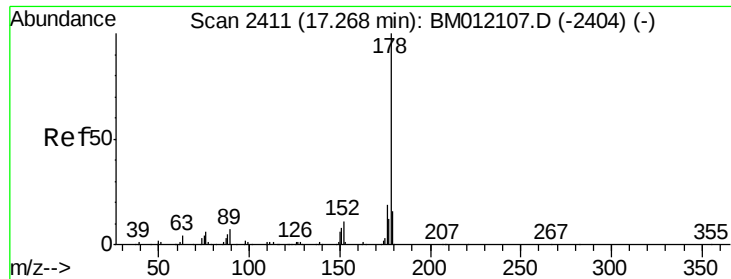


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





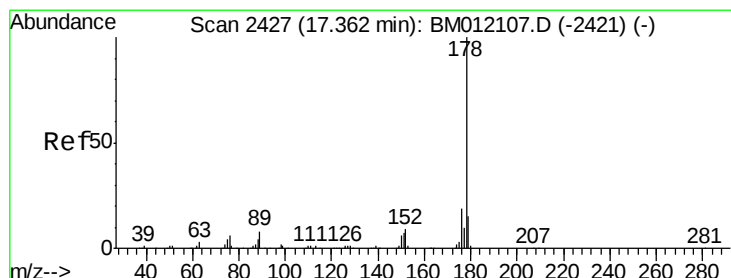
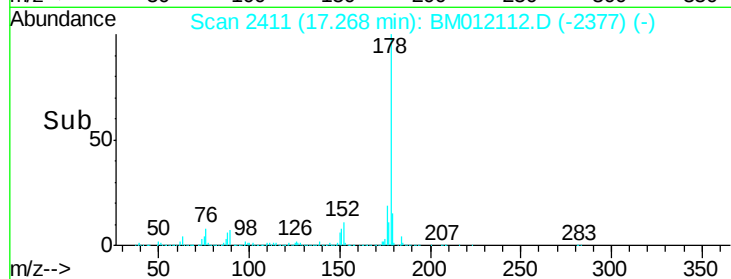
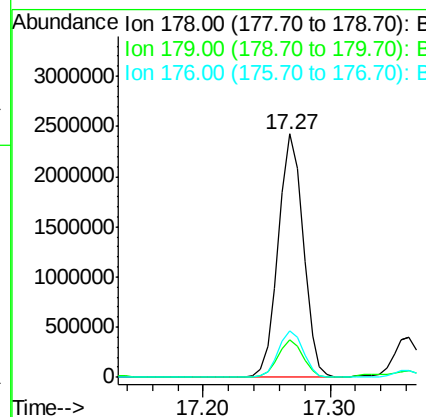
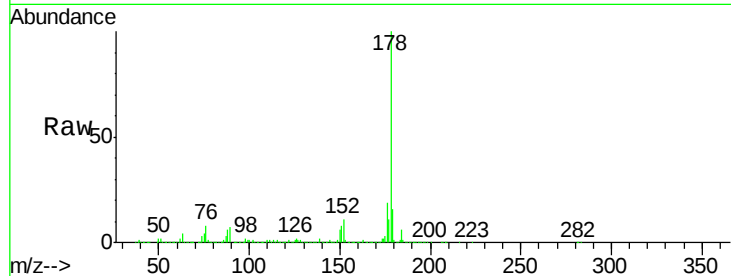
#69
Phenanthrene
Concen: 42.63 ng/u1
RT: 17.27 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BM012112.D
Acq: 12 Oct 2017 23:15

Instrument :
BNA_M
ClientSampleId :
BE2P0

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.0	14.9	22.3

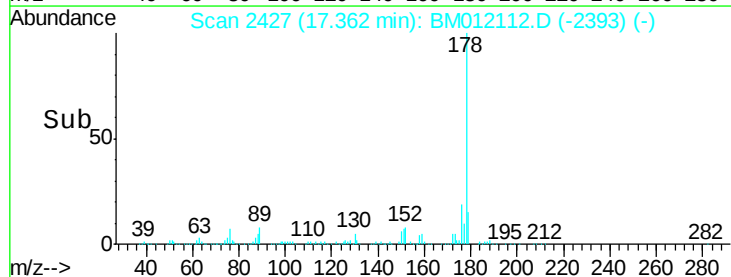
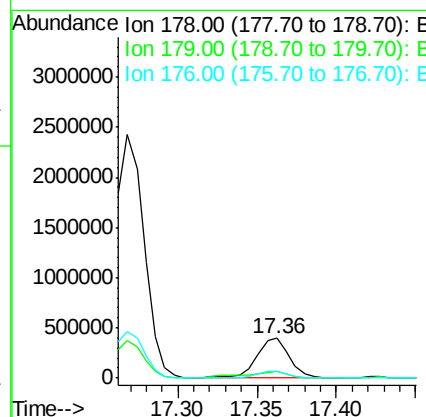
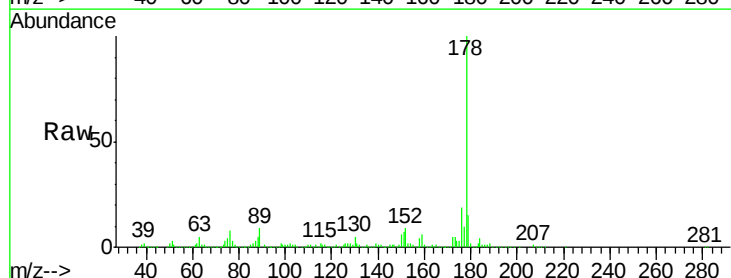
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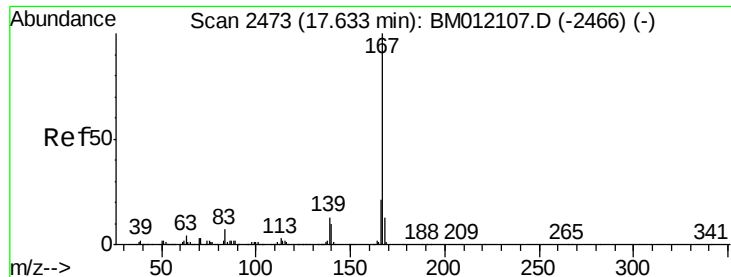
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#71
Anthracene
Concen: 7.03 ng/u1
RT: 17.36 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BM012112.D
Acq: 12 Oct 2017 23:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.7	17.5
176	18.6	14.6	21.8





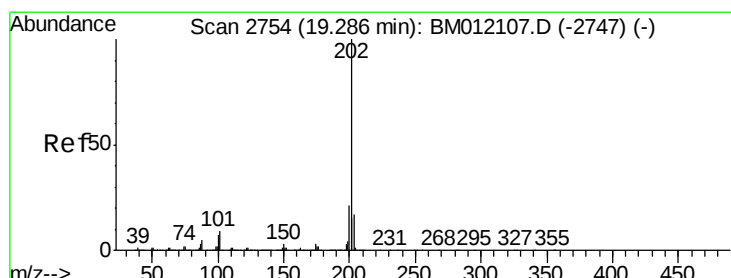
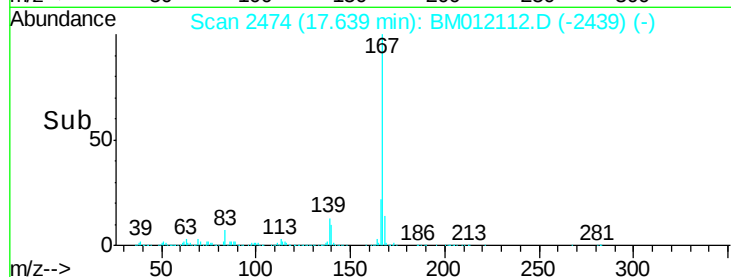
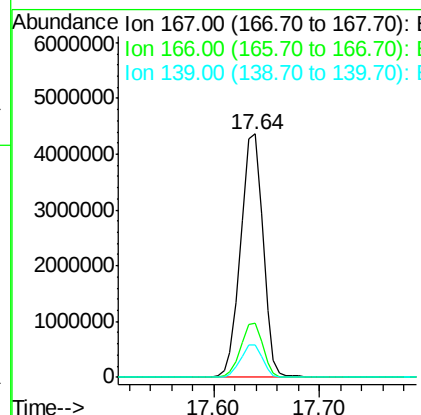
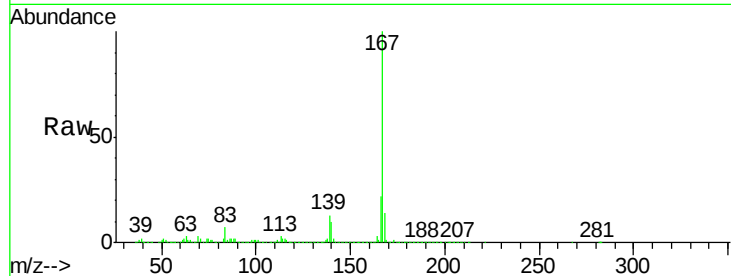
#72
 Carbazole
 Concen: 94.01 ng/ul
 RT: 17.64 min Scan# 2474
 Delta R.T. 0.01 min
 Lab File: BM012112.D
 Acq: 12 Oct 2017 23:15

Instrument :
 BNA_M
 ClientSampled :
 BE2P0

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.1	25.7
139	13.4	10.0	15.0

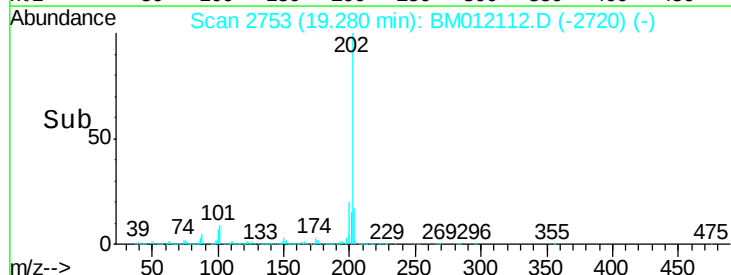
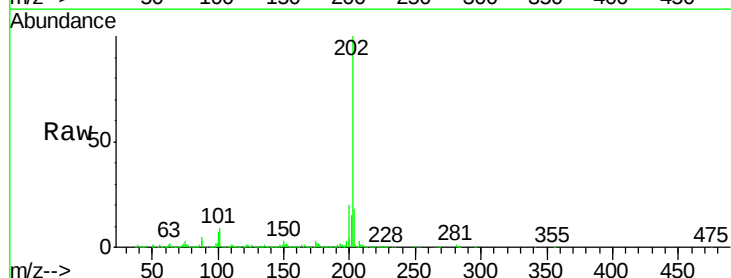
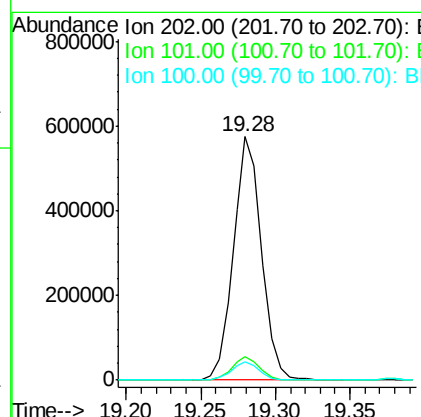
Manual Integrations
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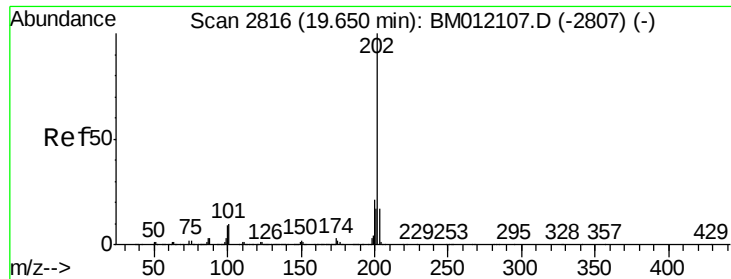
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#74
 Fluoranthene
 Concen: 8.06 ng/ul
 RT: 19.28 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BM012112.D
 Acq: 12 Oct 2017 23:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	4.6	7.0#
100	7.4	3.4	5.2#





#77
 Pyrene
 Concen: 3.85 ng/ul
 RT: 19.64 min Scan# 2815
 Delta R.T. -0.01 min
 Lab File: BM012112.D
 Acq: 12 Oct 2017 23:15

Instrument :
 BNA_M
 ClientSampleId :
 BE2P0

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.7		5.1		7.7#
100	9.7		4.9		7.3#

Manual Integrations
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