

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
 Data File : BM012148.D
 Acq On : 13 Oct 2017 23:13
 Operator : SJ/JU
 Sample : I5772-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2N7

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:44:36 PM

Quant Time: Oct 14 04:41:06 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 04:34:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	194043	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	863377	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	548388	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1302820	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1287090	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1132916	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	23655	5.79	ng/uL	0.00
5) Phenol-d5	6.99	99	133431	8.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	332910	35.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	395130	29.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	282370	20.83	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	249500	37.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	301922	39.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	513590	34.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	48946m	3.56	ng/ul	0.04
43) Dimethylphthalate-d6	13.89	166	2008255	41.43	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2267790	38.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	63529	8.72	ng/ul	0.00
57) Fluorene-d10	15.47	176	1642520	41.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	342082	38.26	ng/ul	0.00
70) Anthracene-d10	17.33	188	2620660	40.68	ng/ul	0.00
76) Pyrene-d10	19.62	212	2914227	44.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	2261511	41.41	ng/ul	0.00

Target Compounds						Qvalue
28) Naphthalene	10.68	128	98207	2.20	ng/ul	97
40) 1,1'-Biphenyl	13.31	154	143297	3.10	ng/ul	99
49) Acenaphthene	14.54	153	763658	19.68	ng/ul	99
53) Dibenzofuran	14.87	168	1135269	20.32	ng/ul	100
58) Fluorene	15.53	166	429480	9.25	ng/ul#	98
72) Carbazole	17.63	167	1561681	24.05	ng/ul	99

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

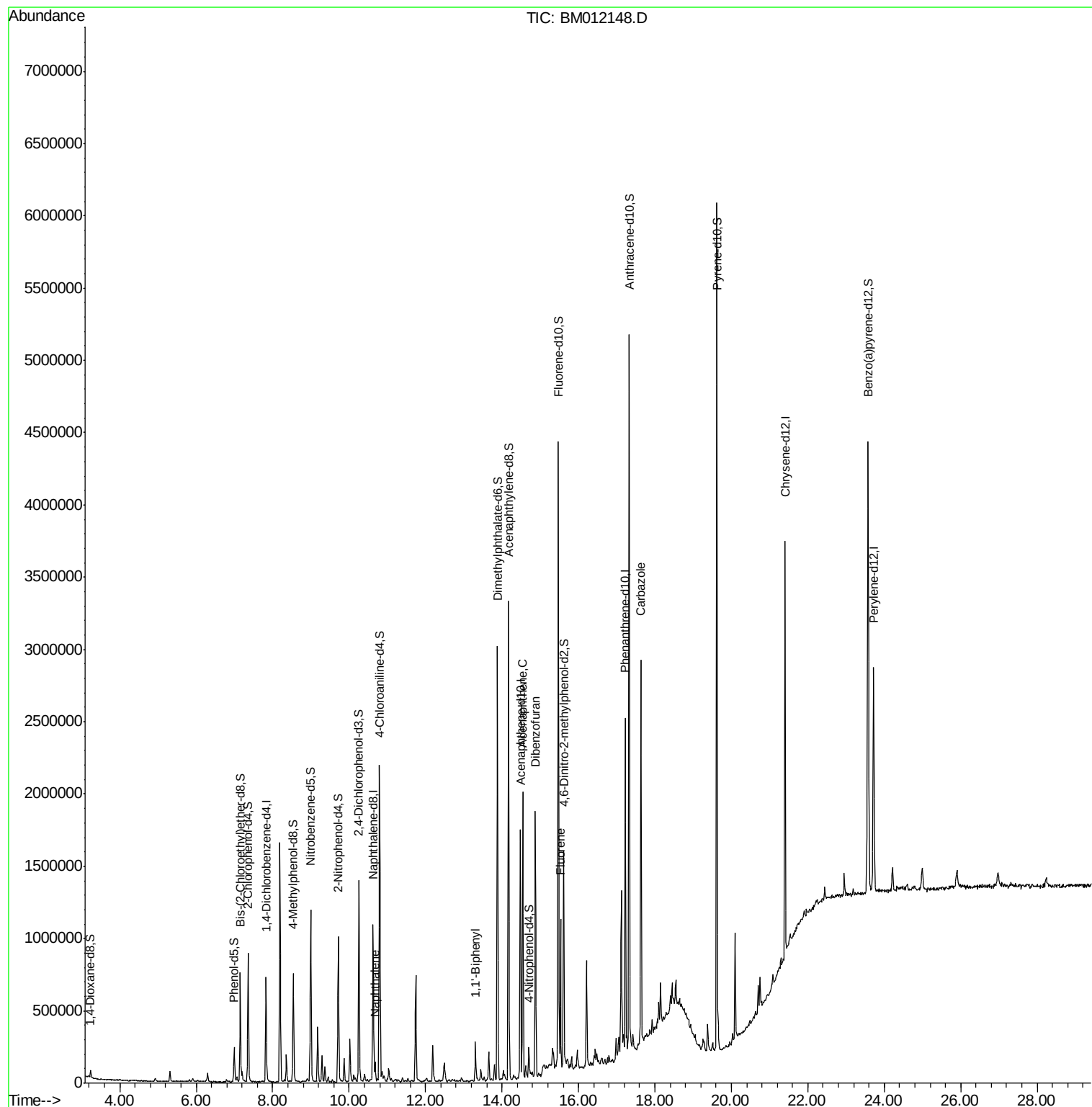
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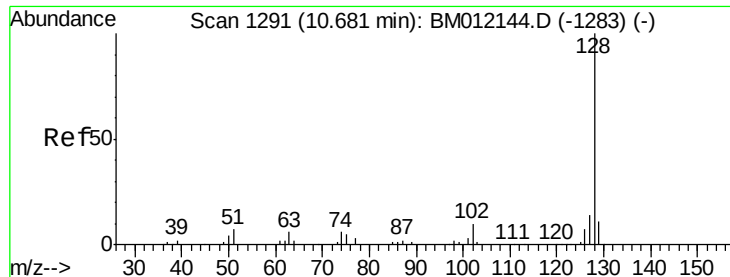
Instrument :
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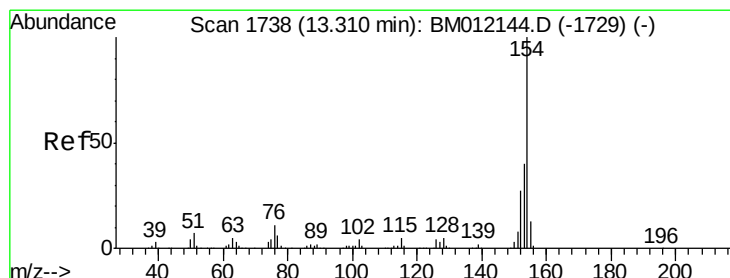
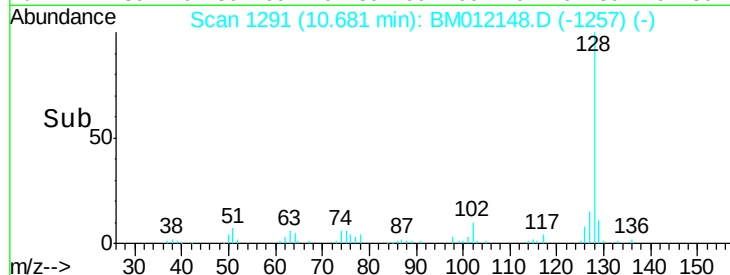
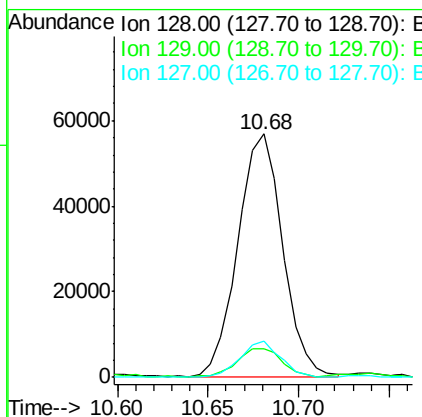
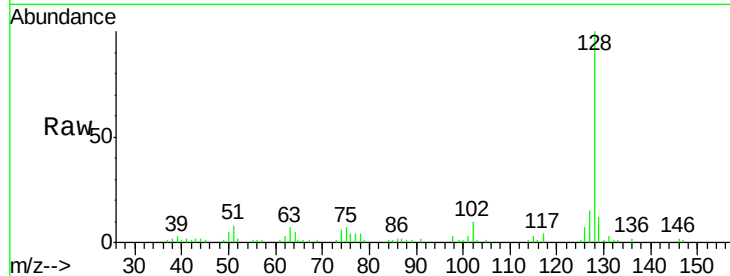
#28
Naphthalene
Concen: 2.20 ng/ul
RT: 10.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BM012148.D
Acq: 13 Oct 2017 23:13

Instrument :
BNA_M
ClientSampled :
BE2N7

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	14.8	10.6	16.0

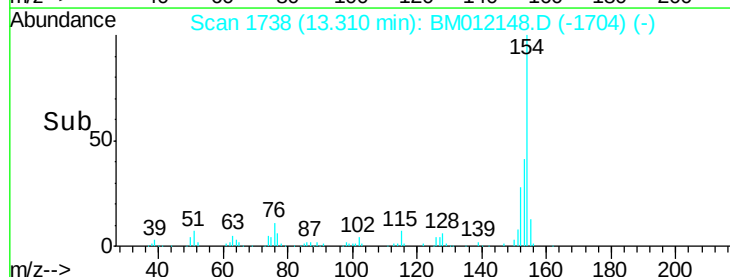
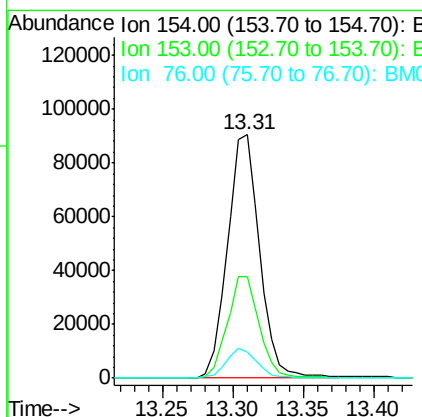
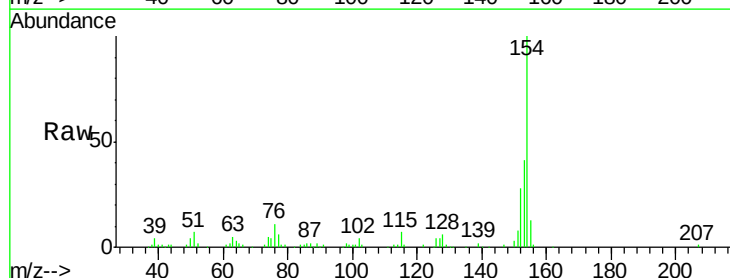
Manual Integrations
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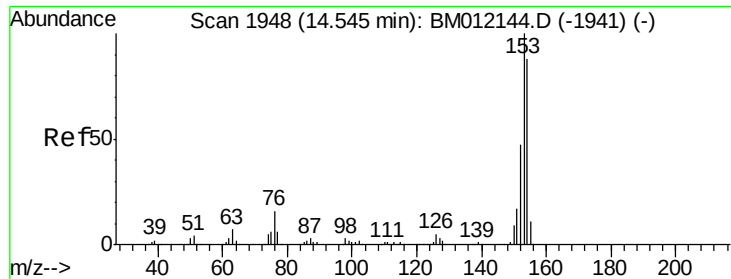
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#40
1,1'-Biphenyl
Concen: 3.10 ng/ul
RT: 13.31 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BM012148.D
Acq: 13 Oct 2017 23:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	32.6	48.8
76	10.6	8.5	12.7





#49

Acenaphthene

Concen: 19.68 ng/ul

RT: 14.54 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BM012148.D

Acq: 13 Oct 2017 23:13

Instrument :

BNA_M

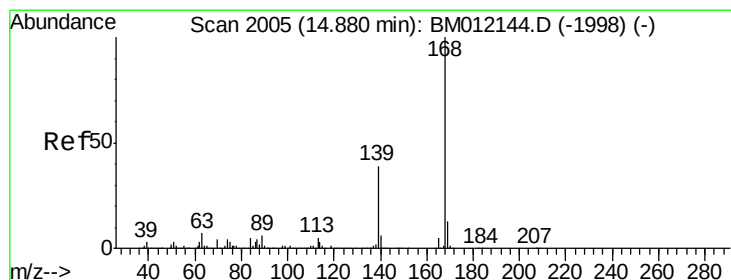
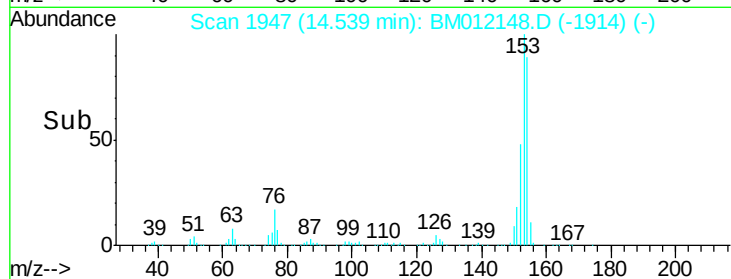
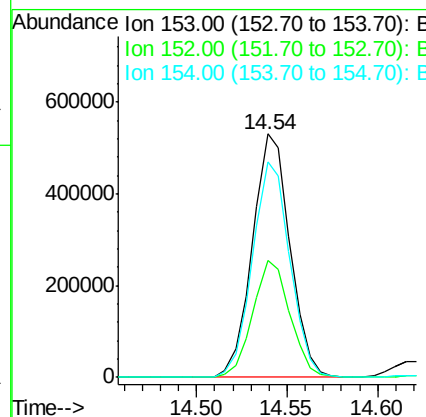
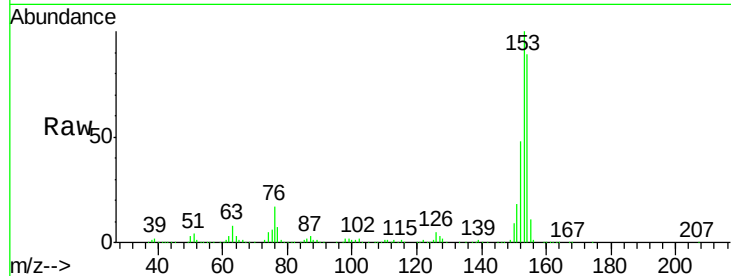
ClientSampled :

BE2N7

Tgt Ion:	153	Resp:	763658
Ion Ratio	Lower	Upper	
153	100		
152	48.0	37.6	56.4
154	88.5	70.4	105.6

Manual Integrations
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#53

Dibenzofuran

Concen: 20.32 ng/ul

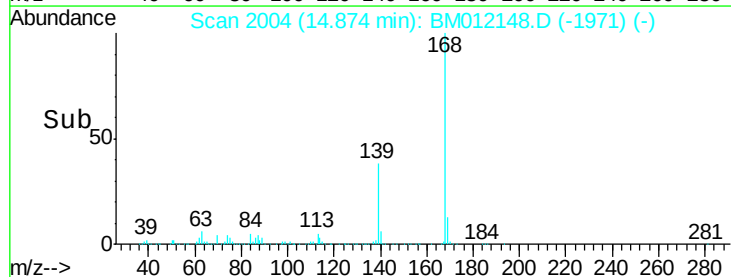
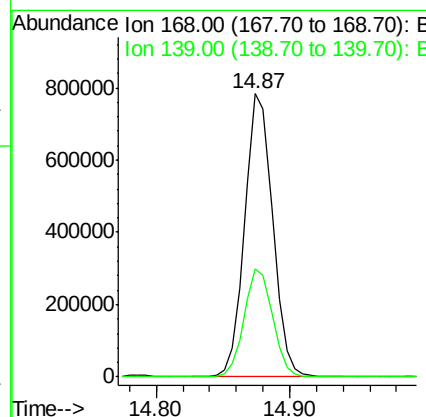
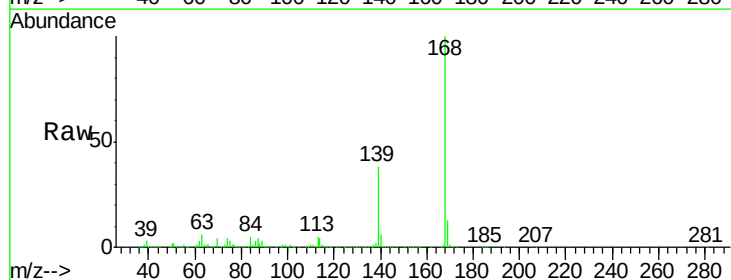
RT: 14.87 min Scan# 2004

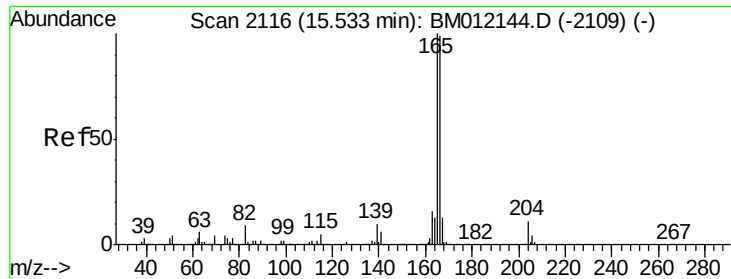
Delta R.T. -0.01 min

Lab File: BM012148.D

Acq: 13 Oct 2017 23:13

Tgt Ion:	168	Resp:	1135269
Ion Ratio	Lower	Upper	
168	100		
139	38.4	30.8	46.2





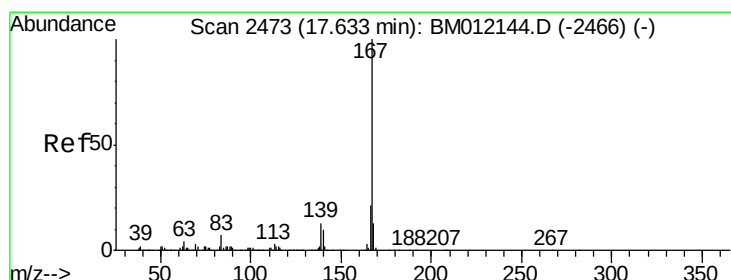
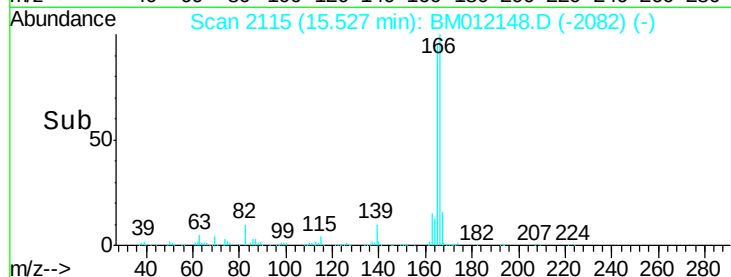
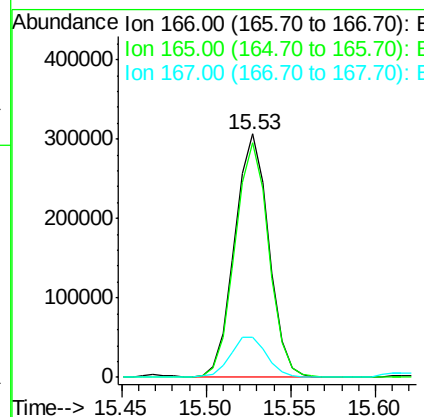
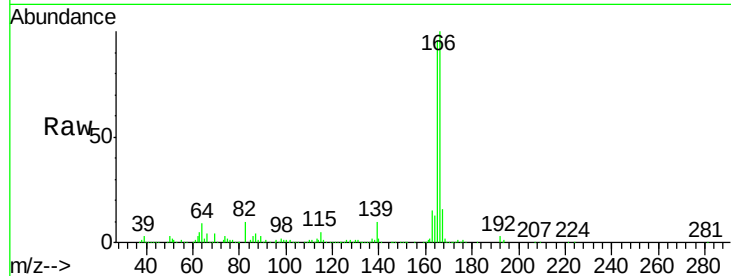
#58
 Fluorene
 Concen: 9.25 ng/ul
 RT: 15.53 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BM012148.D
 Acq: 13 Oct 2017 23:13

Instrument :
 BNA_M
 ClientSampleId :
 BE2N7

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	429480		
165	96.2	77.9	116.9	
167	16.4	10.6	16.0#	

Manual Integrations
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#72
 Carbazole
 Concen: 24.05 ng/ul
 RT: 17.63 min Scan# 2473
 Delta R.T. 0.00 min
 Lab File: BM012148.D
 Acq: 13 Oct 2017 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	1561681		
166	21.7	17.1	25.7	
139	12.9	10.0	15.0	

