

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
 Data File : BM005311.D
 Acq On : 07 May 2016 16:08
 Operator : UM/SJ
 Sample : H2813-14DL 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7T5DL

Quant Time: May 08 01:39:55 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 07 07:05:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	75423	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	372816	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	251323	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	618798	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	723654	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	660215	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.27	96	216	0.13	ng/uL	0.00
5) Phenol-d5	6.95	99	4919	0.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	17653	4.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	17273	3.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	10994	1.94	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	10305	3.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	10919	3.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	22105	3.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	926	0.14	ng/ul	-0.03
43) Dimethylphthalate-d6	13.82	166	97822	4.86	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	113787	4.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	524	0.14	ng/ul	0.04
57) Fluorene-d10	15.40	176	93737	5.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	8981	2.58	ng/ul	0.00
70) Anthracene-d10	17.26	188	149295	5.46	ng/ul	0.00
76) Pyrene-d10	19.56	212	180344	5.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	154005	5.27	ng/ul	0.00

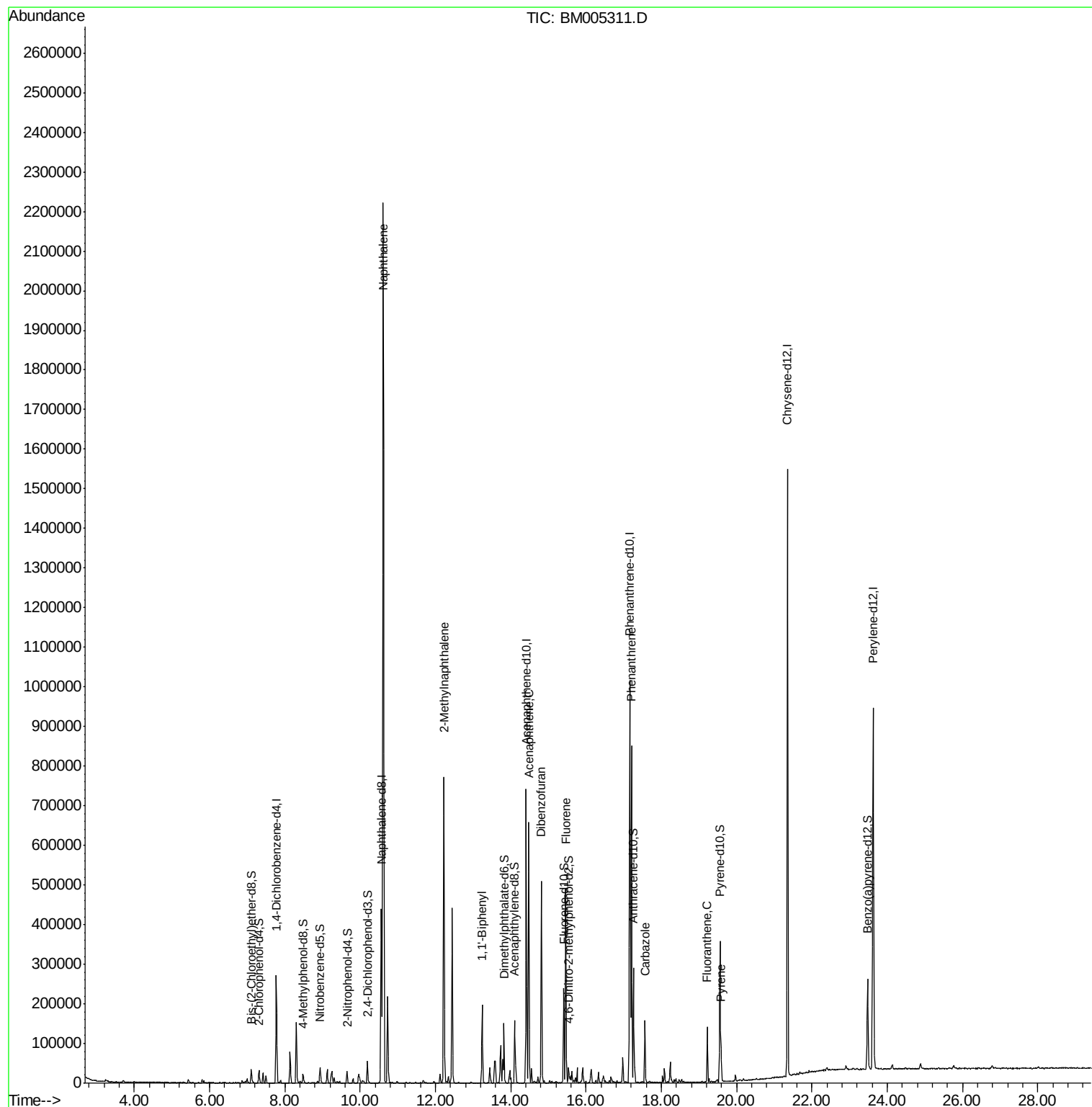
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.61	128	1957415	104.35	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	369323	26.32	ng/ul	100
40) 1,1'-Biphenyl	13.24	154	107414	5.40	ng/ul	99
49) Acenaphthene	14.47	153	263056	15.97	ng/ul	99
53) Dibenzofuran	14.81	168	324138	13.56	ng/ul	99
58) Fluorene	15.46	166	220049	11.77	ng/ul	99
69) Phenanthrene	17.20	178	508864	15.64	ng/ul	100
72) Carbazole	17.56	167	100024	3.50	ng/ul	98
74) Fluoranthene	19.22	202	86728	2.41	ng/ul	98
77) Pyrene	19.59	202	55578	1.32	ng/ul	97

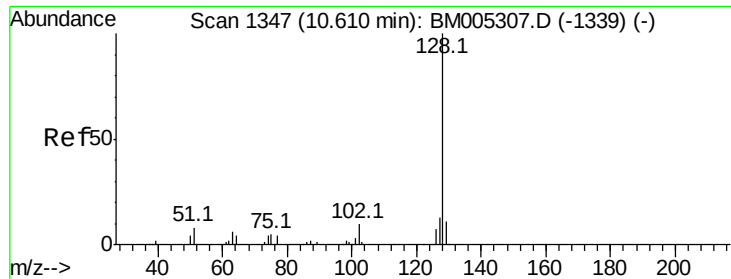
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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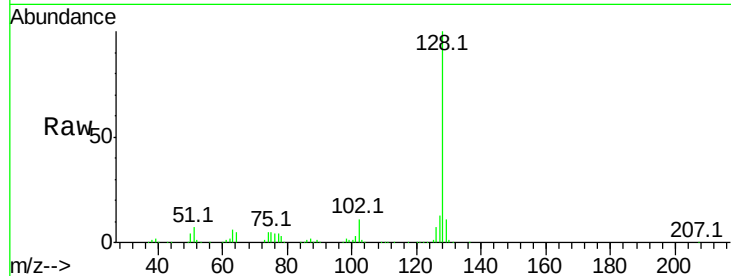




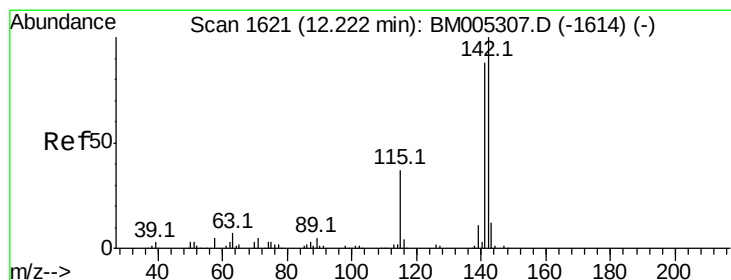
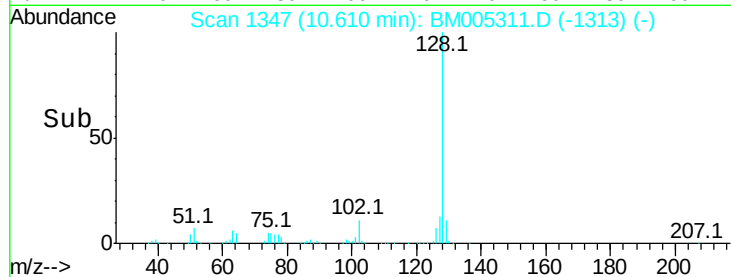
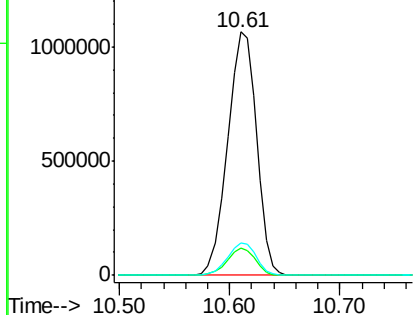
#28
Naphthalene
Concen: 104.35 ng/ul
RT: 10.61 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BM005311.D
Acq: 07 May 2016 16:08

Instrument :
BNA_M
ClientSampleId :
BC7T5DL

Tot Ion:128 Resp: 1957415
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.4 10.8 16.2

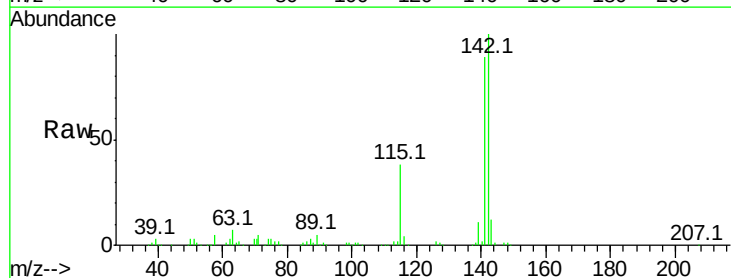


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

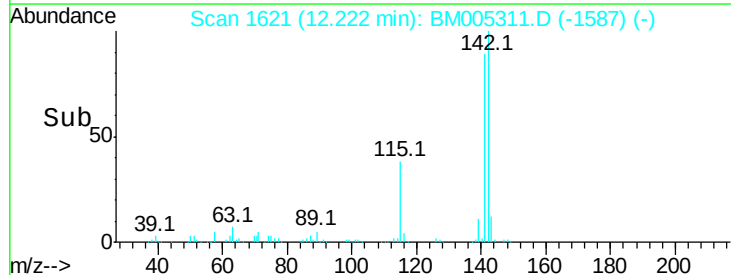
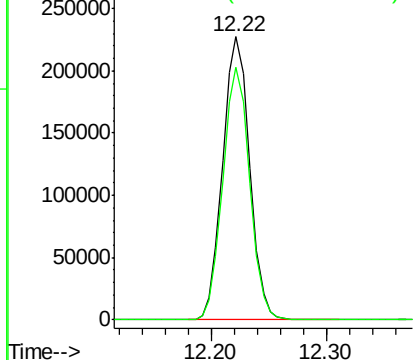


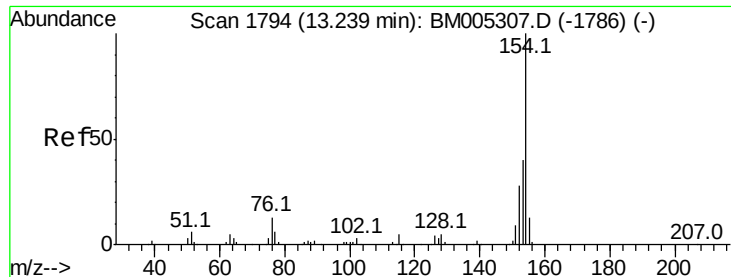
#34
2-Methylnaphthalene
Concen: 26.32 ng/ul
RT: 12.22 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BM005311.D
Acq: 07 May 2016 16:08

Tgt Ion:142 Resp: 369323
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

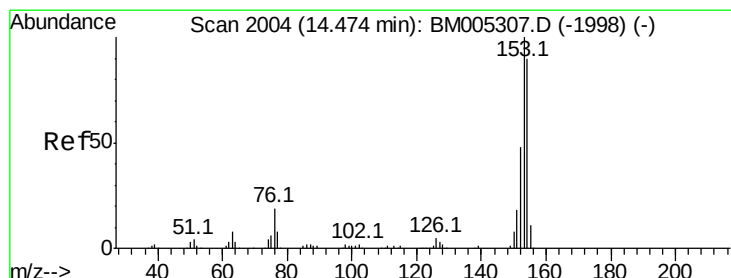
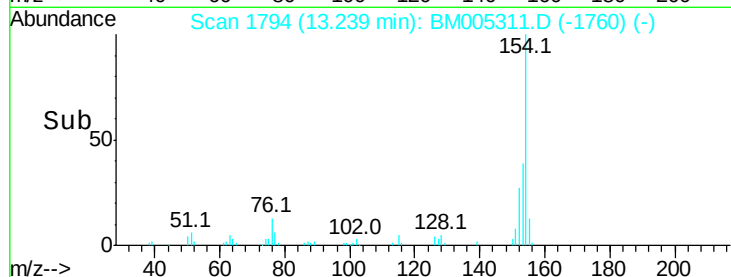
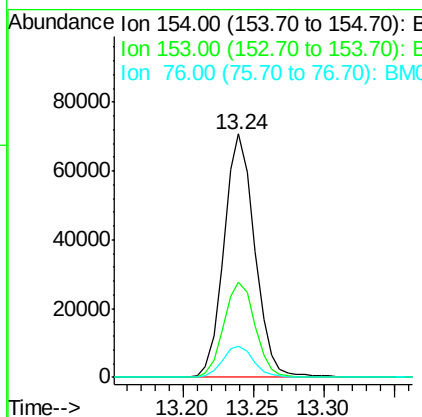
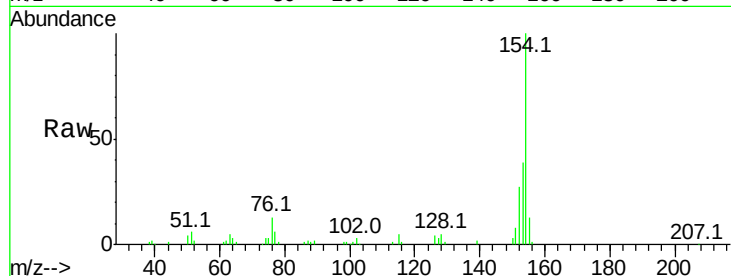




#40
 1,1'-Biphenyl
 Concen: 5.40 ng/ul
 RT: 13.24 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BM005311.D
 Acq: 07 May 2016 16:08

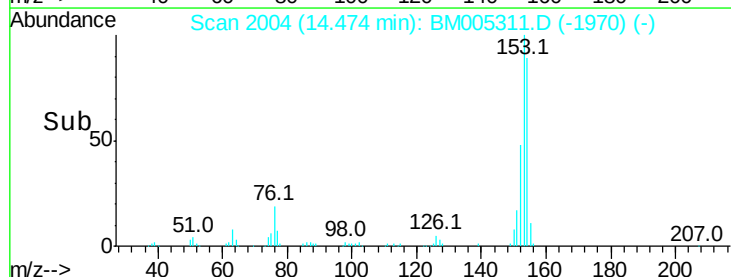
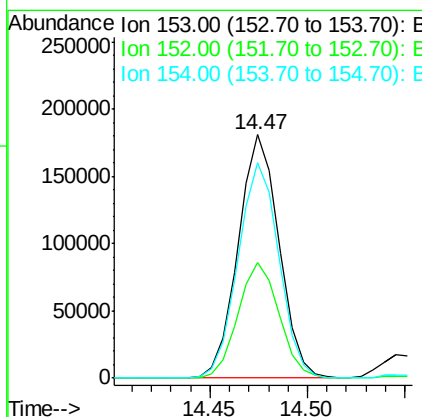
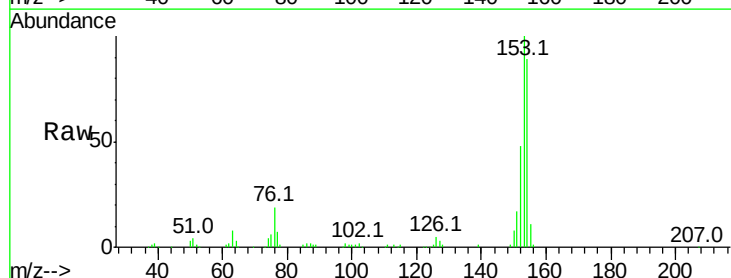
Instrument :
 BNA_M
 ClientSampleId :
 BC7T5DL

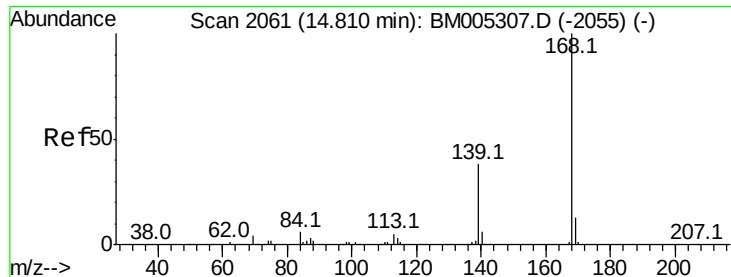
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.2	32.1	48.1
76	12.8	10.6	15.8



#49
 Acenaphthene
 Concen: 15.97 ng/ul
 RT: 14.47 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BM005311.D
 Acq: 07 May 2016 16:08

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.5	38.9	58.3
154	88.7	70.3	105.5

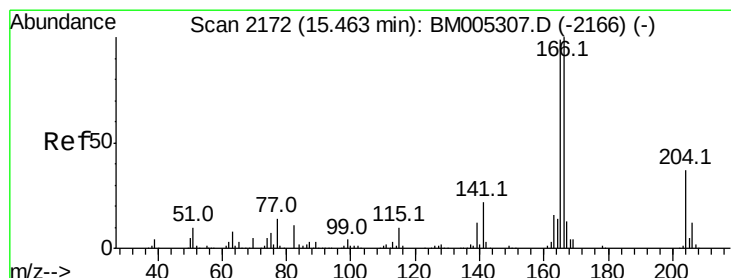
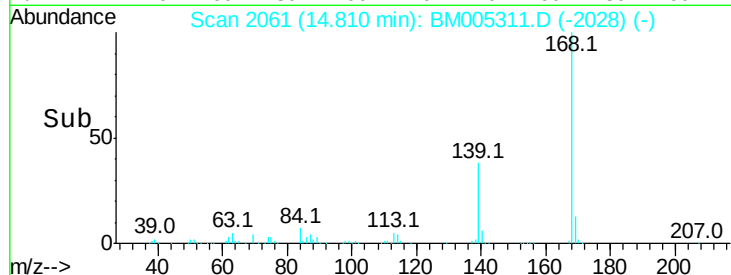
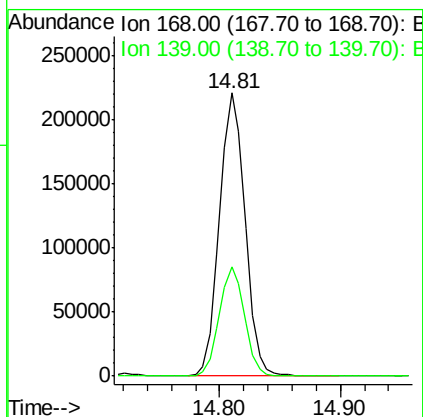
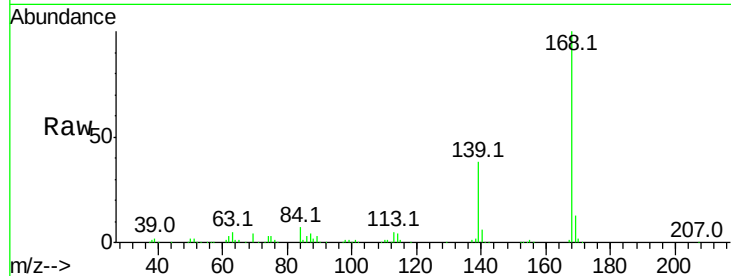




#53
Dibenzenofuran
Concen: 13.56 ng/ul
RT: 14.81 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM005311.D
Acq: 07 May 2016 16:08

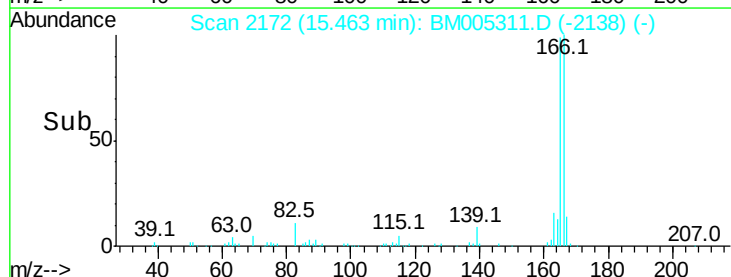
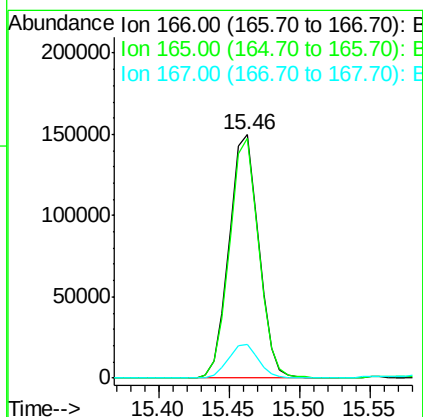
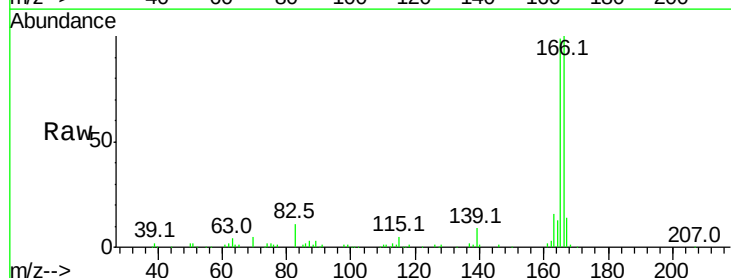
Instrument :
BNA_M
ClientSampleId :
BC7T5DL

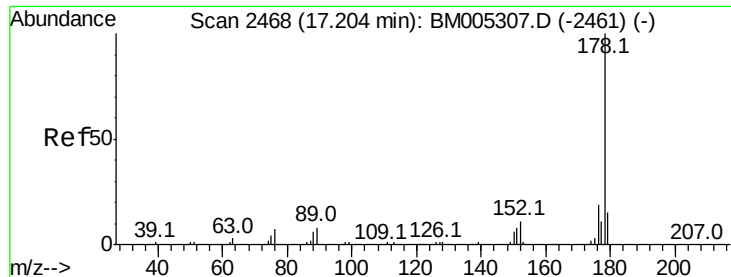
Tot Ion:168 Resp: 324138
Ion Ratio Lower Upper
168 100
139 38.5 30.3 45.5



#58
Fluorene
Concen: 11.77 ng/ul
RT: 15.46 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BM005311.D
Acq: 07 May 2016 16:08

Tgt Ion:166 Resp: 220049
Ion Ratio Lower Upper
166 100
165 98.6 77.9 116.9
167 13.6 10.6 16.0





#69

Phenanthrene

Concen: 15.64 ng/ul

RT: 17.20 min Scan# 2468

Delta R.T. 0.00 min

Lab File: BM005311.D

Acq: 07 May 2016 16:08

Instrument :

BNA_M

ClientSampleId :

BC7T5DL

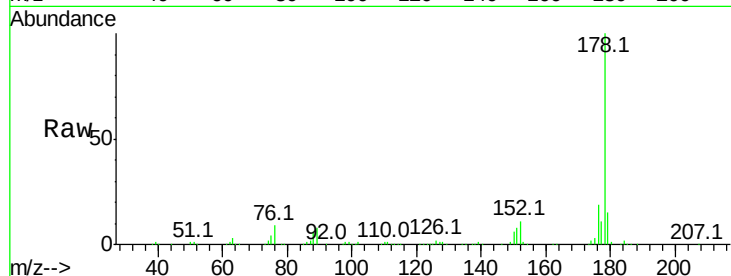
Tot Ion:178 Resp: 508864

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

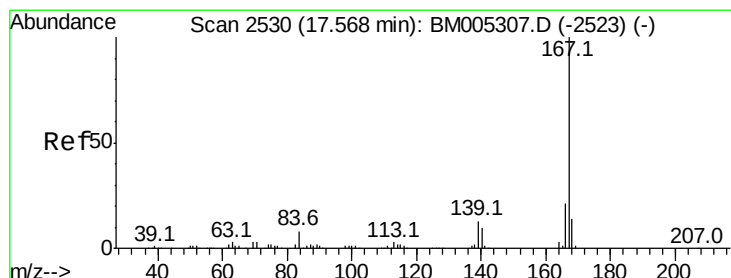
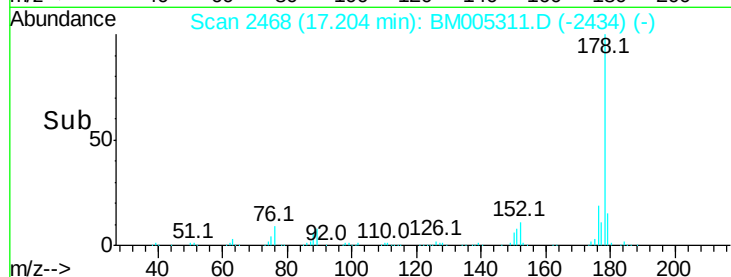
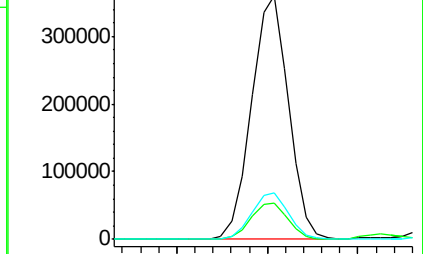
176 19.1 15.2 22.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Carbazole

Concen: 3.50 ng/ul

RT: 17.56 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BM005311.D

Acq: 07 May 2016 16:08

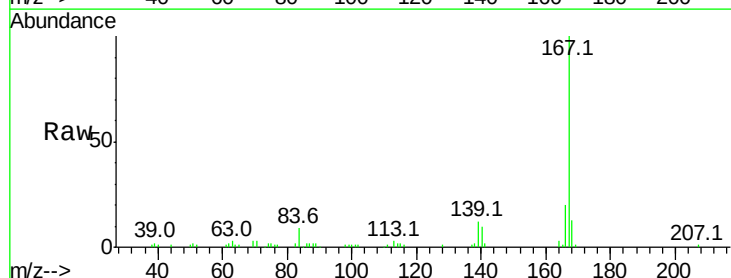
Tgt Ion:167 Resp: 100024

Ion Ratio Lower Upper

167 100

166 20.0 17.1 25.7

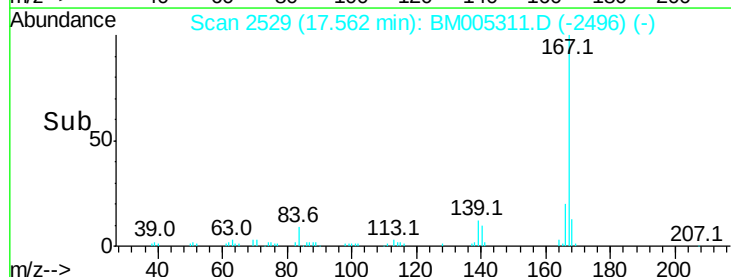
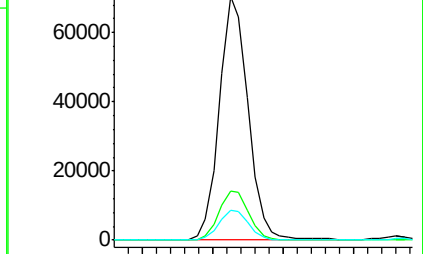
139 12.5 10.2 15.2

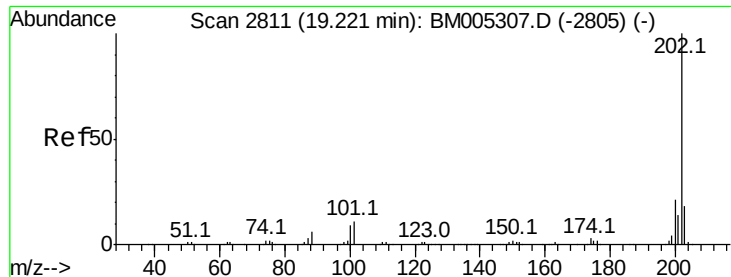


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

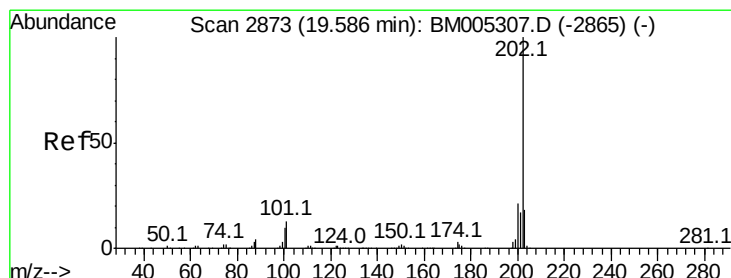
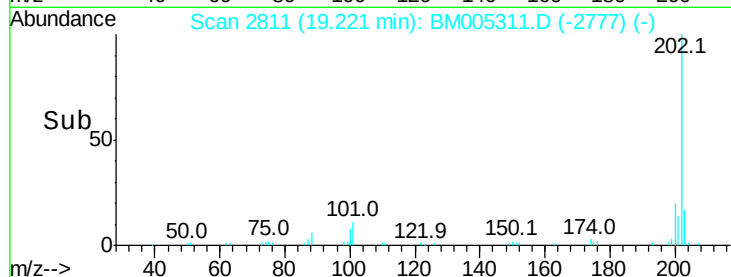
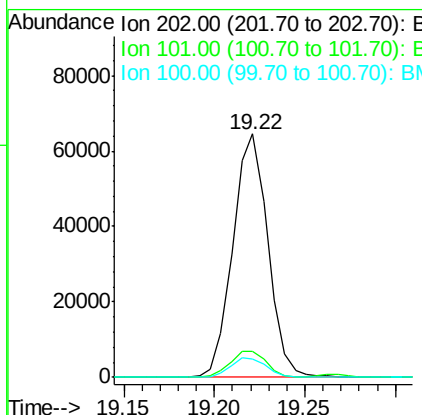
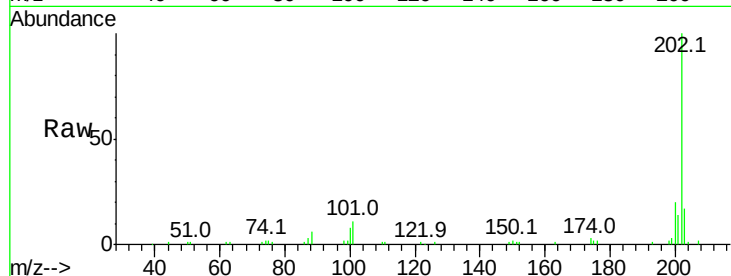




#74
Fluoranthene
 Concen: 2.41 ng/ul
 RT: 19.22 min Scan# 2811
 Delta R.T. 0.00 min
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Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.2	13.8
100	7.7	7.1	10.7



#77
Pyrene
 Concen: 1.32 ng/ul
 RT: 19.59 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: BM005311.D
 Acq: 07 May 2016 16:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.8	16.2
100	9.6	8.4	12.6

