

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071119\
 Data File : BM021448.D
 Acq On : 12 Jul 2019 09:03
 Operator : HP/JU
 Sample : K3717-18DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF4C4DL

Quant Time: Jul 12 11:52:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 12 05:46:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	204981	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	865816	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	514961	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	1139540	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	1010430	20.00	ng/ul	0.00
85) Perylene-d12	23.58	264	1123062	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	2499	0.60	ng/uL	0.01
5) Phenol-d5	6.91	99	54145	3.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	129557	13.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	154059	11.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	101611	8.00	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	103447	14.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	102322	12.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	196937	12.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	19398	1.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	648046	14.37	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	730749	12.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	13730	1.92	ng/ul	0.01
57) Fluorene-d10	15.37	176	570537	14.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	70437	9.20	ng/ul	0.00
70) Anthracene-d10	17.23	188	842097	14.23	ng/ul	0.00
78) Pyrene-d10	19.52	212	888532	16.02	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	913720	14.15	ng/ul	0.00

Target Compounds

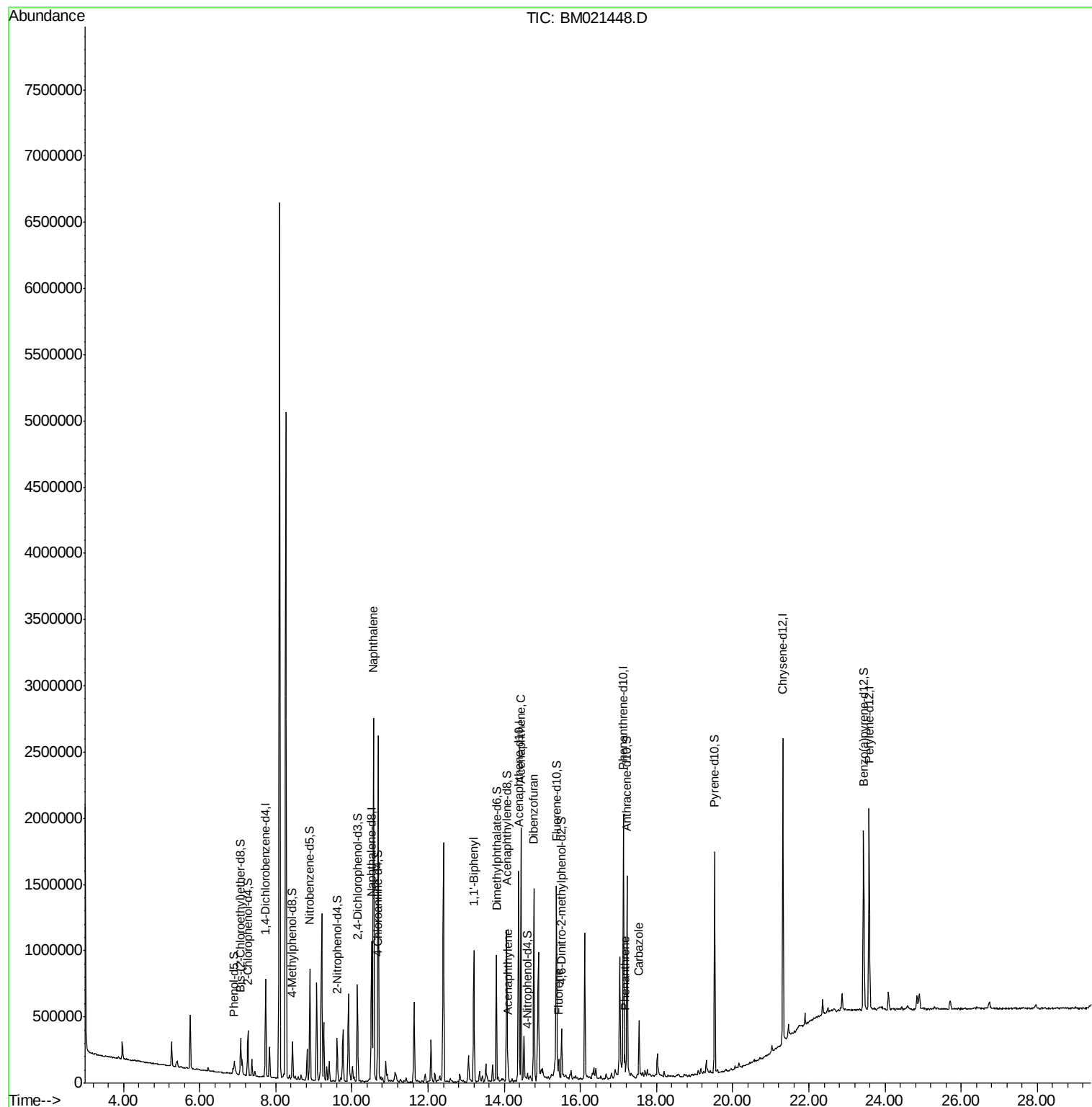
					Ovalue
28) Naphthalene	10.57	128	2255907	50.065	ng/ul 100
40) 1,1'-Biphenyl	13.20	154	528990	12.273	ng/ul 99
47) Acenaphthylene	14.10	152	68230	1.385	ng/ul 97
49) Acenaphthene	14.44	153	751504	20.992	ng/ul 99
53) Dibenzofuran	14.77	168	951065	18.340	ng/ul 100
58) Fluorene	15.43	166	55731	1.328	ng/ul# 93
69) Phenanthrene	17.17	178	79436	1.236	ng/ul 99
74) Carbazole	17.54	167	262046	4.828	ng/ul 99

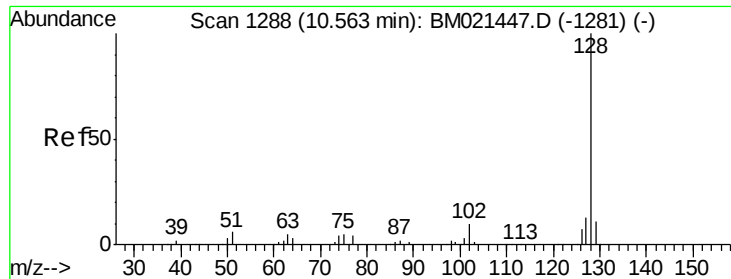
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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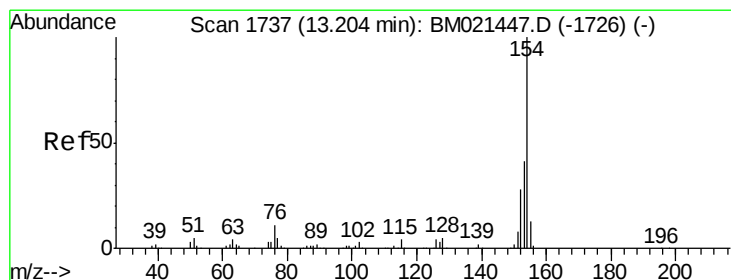
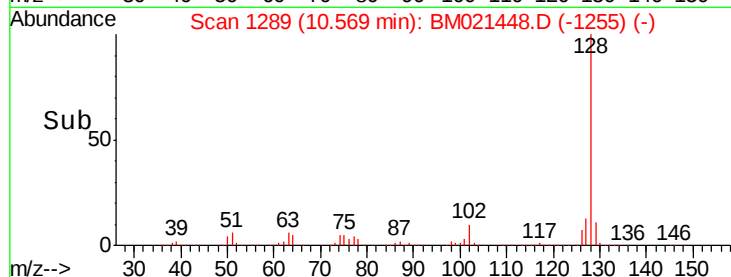
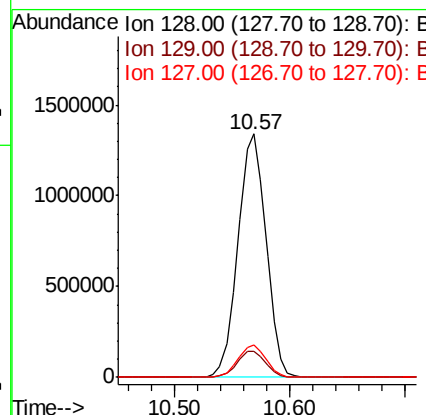
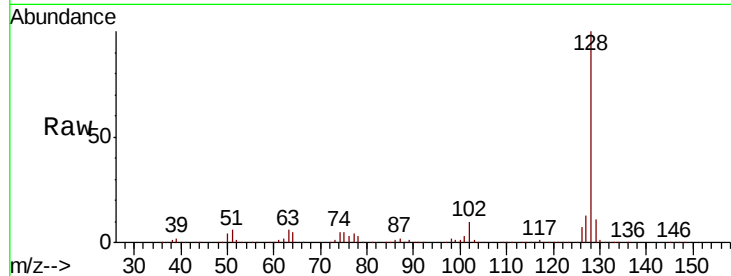




#28
Naphthalene
Concen: 50.065 ng/ul
RT: 10.57 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BM021448.D
Acq: 12 Jul 2019 09:03

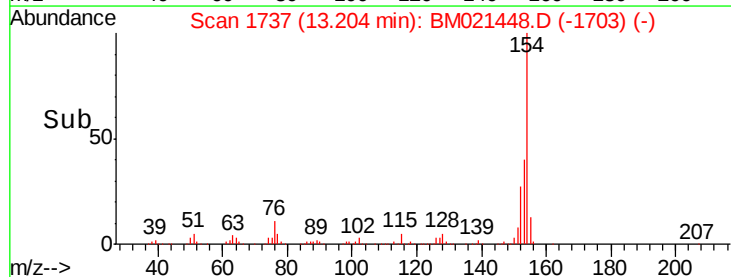
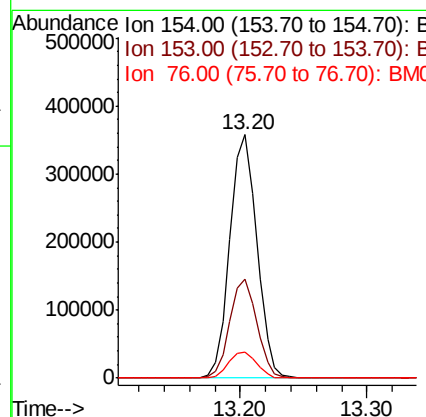
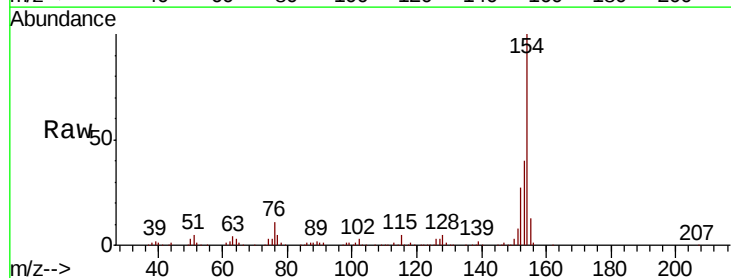
Instrument :
BNA_M
ClientSampleId :
BF4C4DL

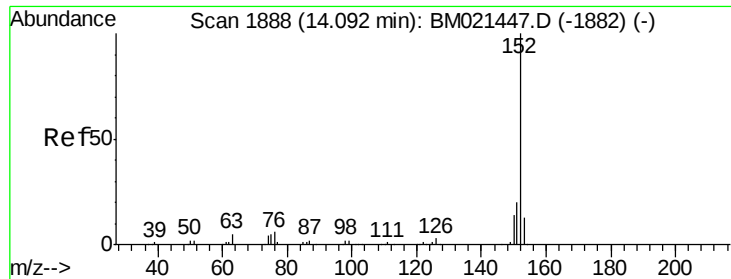
Tot Ion:128 Resp: 2255907
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.6 16.0



#40
1,1'-Biphenyl
Concen: 12.273 ng/ul
RT: 13.20 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BM021448.D
Acq: 12 Jul 2019 09:03

Tgt Ion:154 Resp: 528990
Ion Ratio Lower Upper
154 100
153 40.4 32.7 49.1
76 10.8 8.5 12.7





#47

Acenaphthylene

Concen: 1.385 ng/ul

RT: 14.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BM021448.D

Acq: 12 Jul 2019 09:03

Instrument :

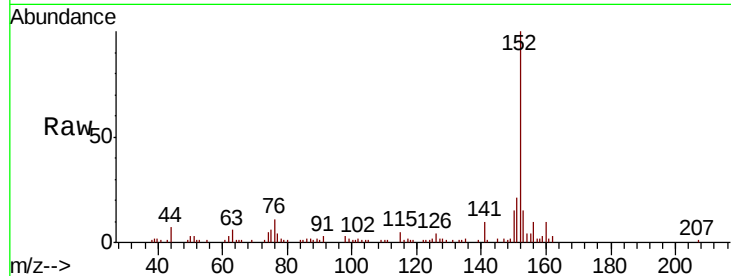
BNA_M

ClientSampleId :

BF4C4DL

Tot Ion:152 Resp: 68230

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8
153	15.0	10.6	15.8

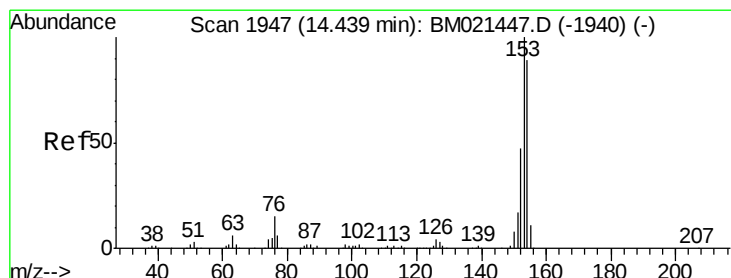
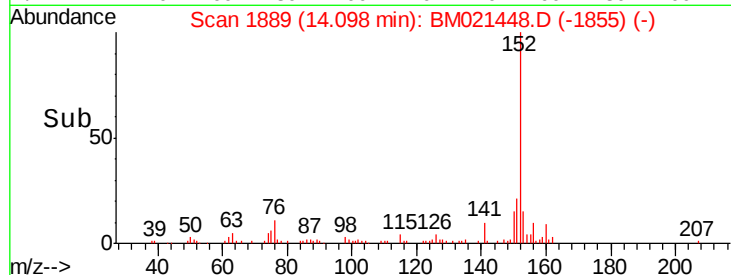
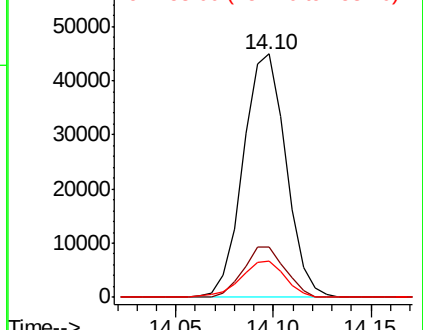


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 20.992 ng/ul

RT: 14.44 min Scan# 1947

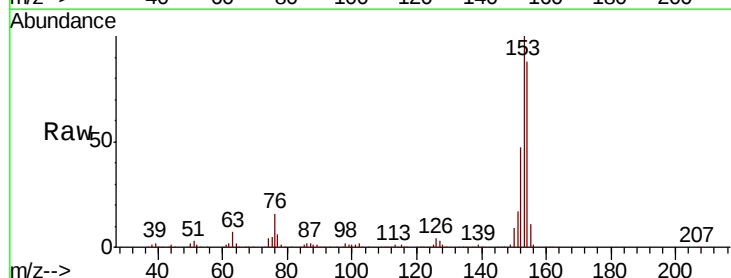
Delta R.T. -0.00 min

Lab File: BM021448.D

Acq: 12 Jul 2019 09:03

Tgt Ion:153 Resp: 751504

Ion	Ratio	Lower	Upper
153	100		
152	47.0	38.2	57.4
154	88.0	70.0	105.0

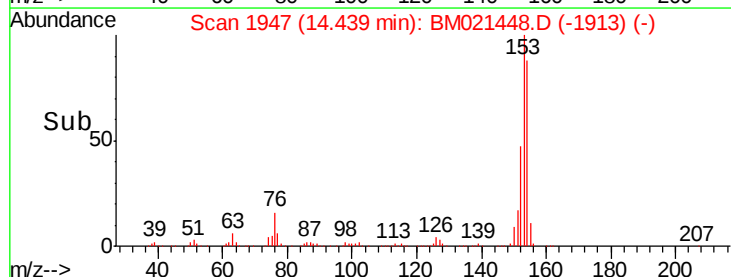
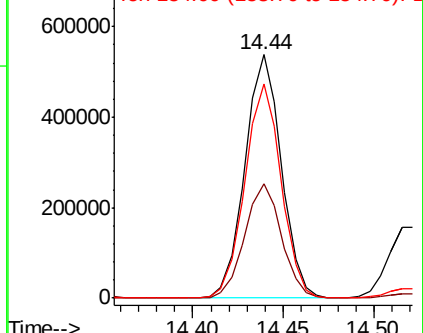


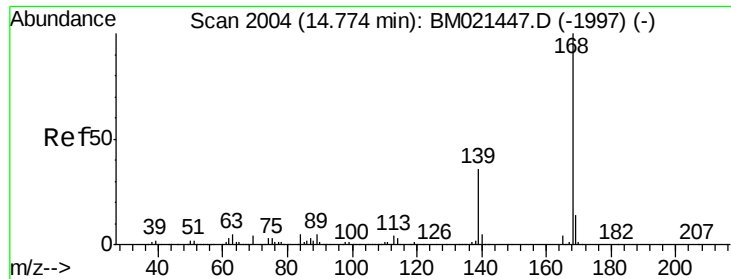
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

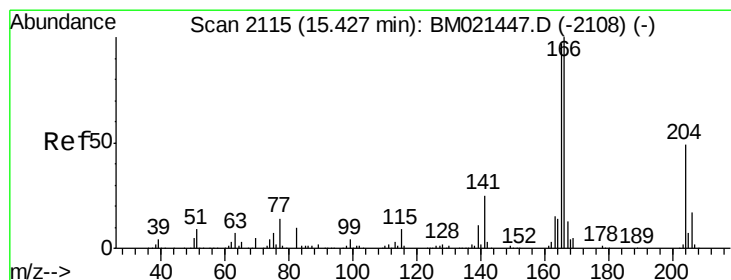
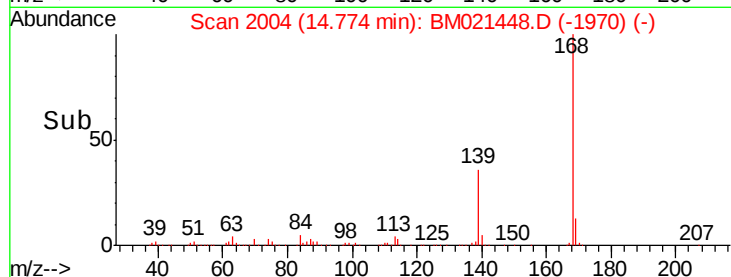
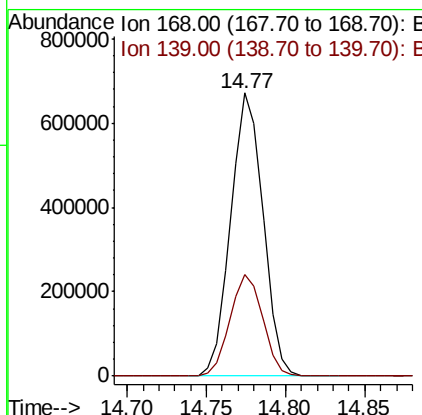
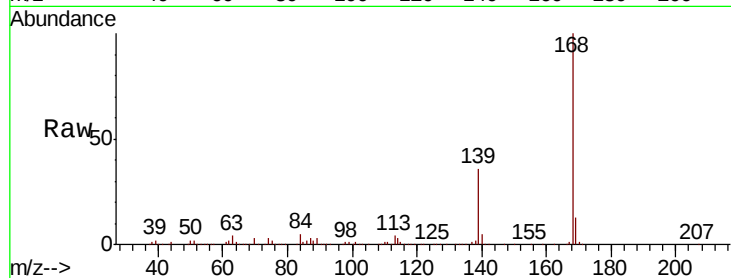




#53
Dibenzenofuran
Concen: 18.340 ng/ul
RT: 14.77 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BM021448.D
Acq: 12 Jul 2019 09:03

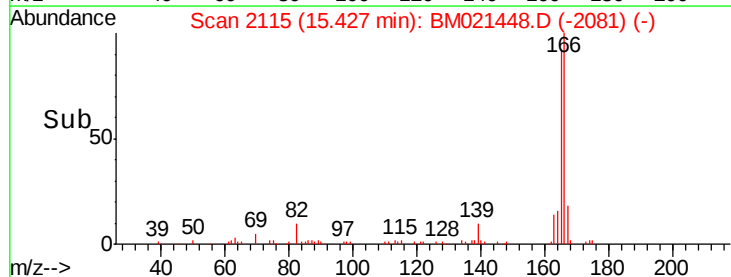
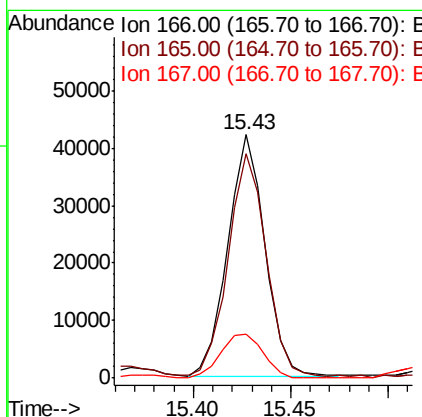
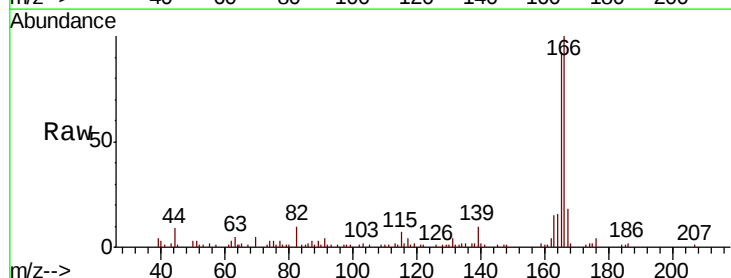
Instrument :
BNA_M
ClientSampleId :
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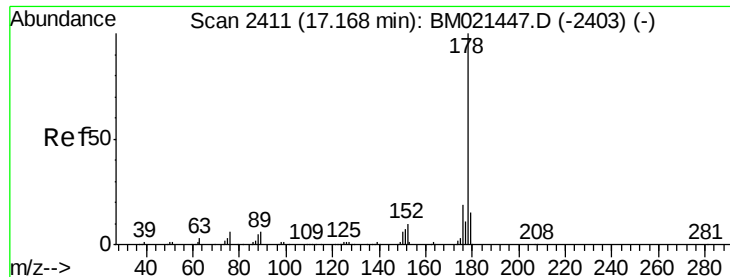
Tot Ion:168 Resp: 951065
Ion Ratio Lower Upper
168 100
139 35.7 28.4 42.6



#58
Fluorene
Concen: 1.328 ng/ul
RT: 15.43 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BM021448.D
Acq: 12 Jul 2019 09:03

Tgt Ion:166 Resp: 55731
Ion Ratio Lower Upper
166 100
165 92.3 78.6 117.8
167 18.2 10.7 16.1#

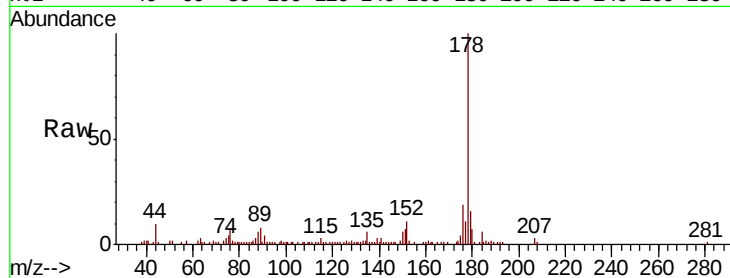




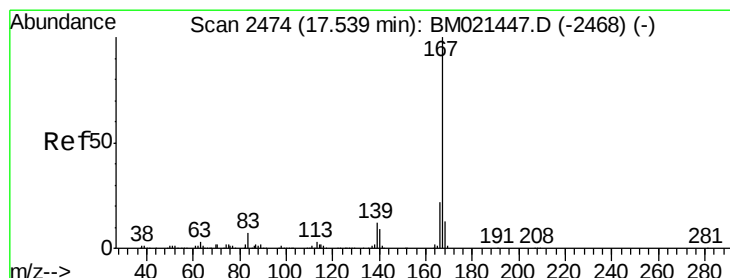
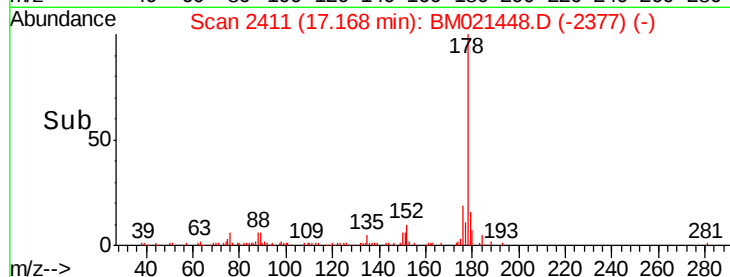
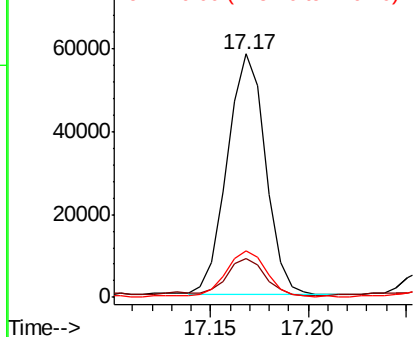
#69
Phenanthrene
Concen: 1.236 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BM021448.D
Acq: 12 Jul 2019 09:03

Instrument :
BNA_M
ClientSampleId :
BF4C4DL

Tot Ion:178 Resp: 79436
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.2
176 19.3 15.4 23.0

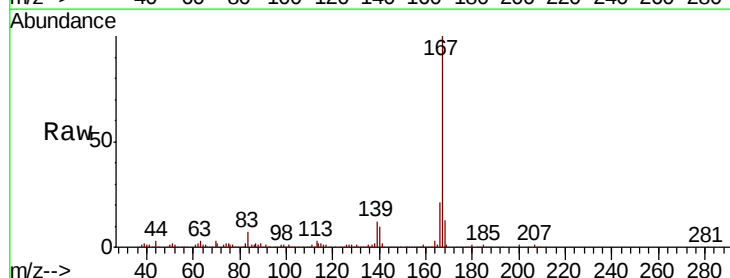


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#74
Carbazole
Concen: 4.828 ng/ul
RT: 17.54 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BM021448.D
Acq: 12 Jul 2019 09:03

Tgt Ion:167 Resp: 262046
Ion Ratio Lower Upper
167 100
166 20.7 17.1 25.7
139 11.8 9.7 14.5



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

