

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
 Data File : BM021560.D
 Acq On : 19 Jul 2019 16:27
 Operator : HP/JU
 Sample : K3822-09DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF4B0DL

Quant Time: Jul 23 08:08:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 00:39:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	146954	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	567587	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.36	164	325697	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	772052	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	808696	20.00	ng/ul	-0.01
85) Perylene-d12	23.55	264	937338	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	1166	0.39	ng/uL	0.01
5) Phenol-d5	6.89	99	17402	1.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	38261	5.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	45121	4.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	28886	3.17	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	24553	5.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	22842	4.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	51990	4.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	4510	0.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	173686	6.09	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	188692	5.27	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.60	143	2501	0.55	ng/ul	0.02
57) Fluorene-d10	15.35	176	154280	6.06	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.49	200	10544	2.03	ng/ul	0.00
70) Anthracene-d10	17.21	188	238911	5.96	ng/ul	0.00
78) Pyrene-d10	19.50	212	273790	6.17	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.41	264	314850	5.84	ng/ul	-0.01

Target Compounds

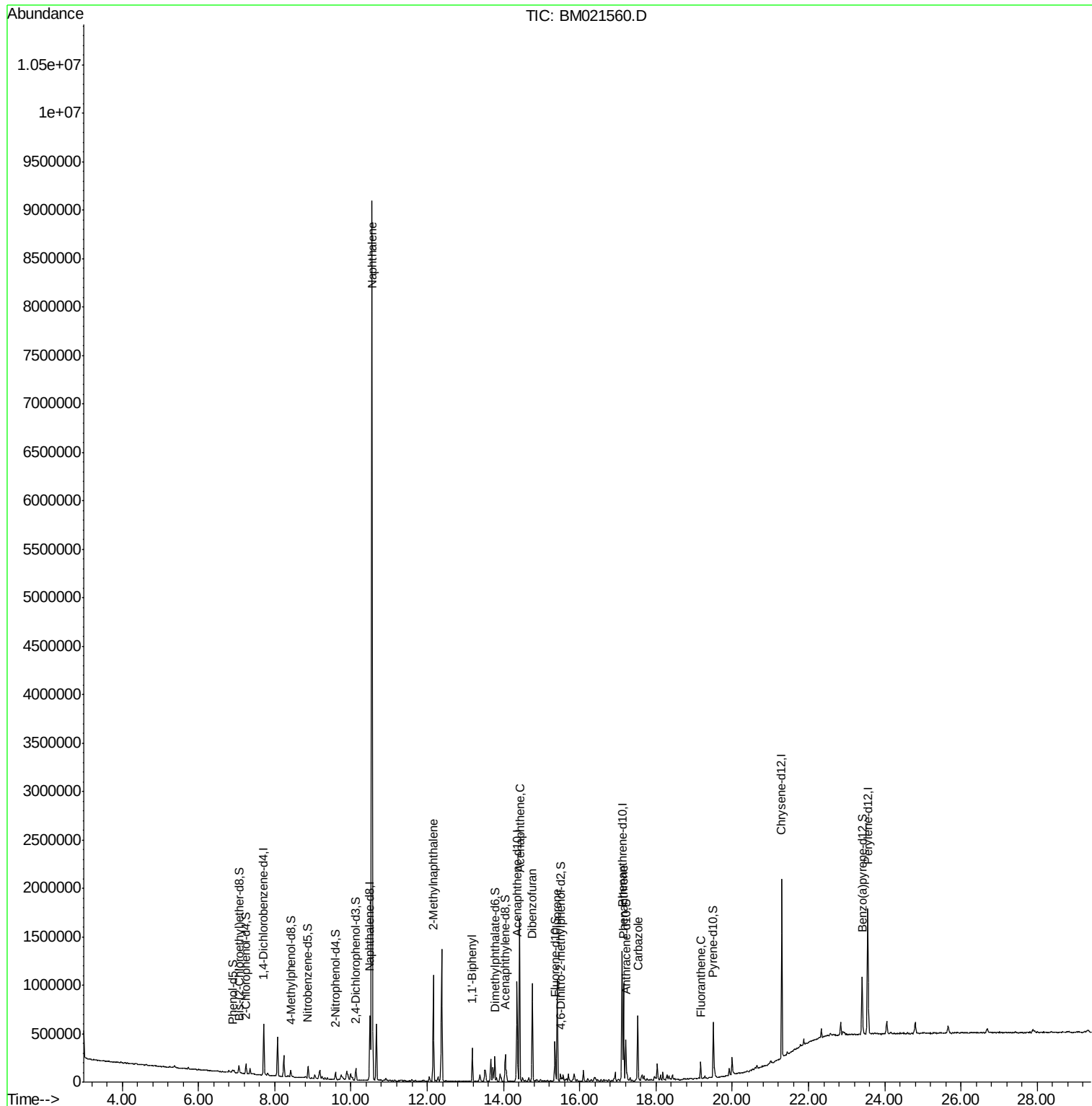
					Ovalue
28) Naphthalene	10.55	128	7601121	257.328	ng/ul 100
34) 2-Methylnaphthalene	12.16	142	525099	24.116	ng/ul 100
40) 1,1'-Biphenyl	13.19	154	187962	6.895	ng/ul 99
49) Acenaphthene	14.42	153	685876	30.293	ng/ul 98
53) Dibenzofuran	14.76	168	631133	19.243	ng/ul 97
58) Fluorene	15.41	166	456810	17.215	ng/ul 98
69) Phenanthrene	17.15	178	583774	13.410	ng/ul 99
74) Carbazole	17.52	167	436836	11.878	ng/ul 99
76) Fluoranthene	19.17	202	94719	1.832	ng/ul 96

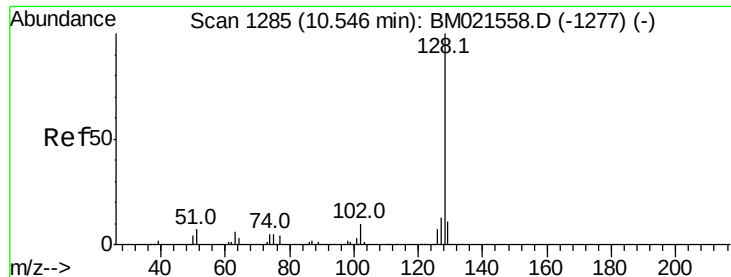
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 257.328 ng/ul

RT: 10.55 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BM021560.D

Acq: 19 Jul 2019 16:27

Instrument :

BNA_M

ClientSampled :

BF4B0DL

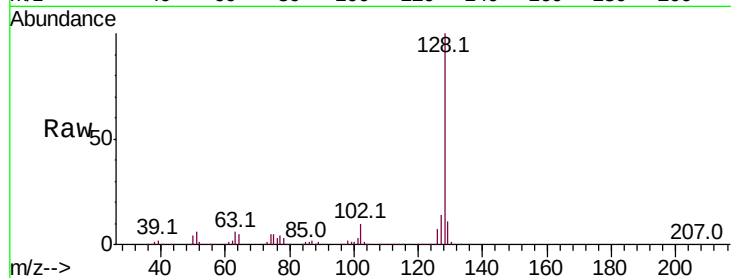
Tot Ion:128 Resp: 7601121

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

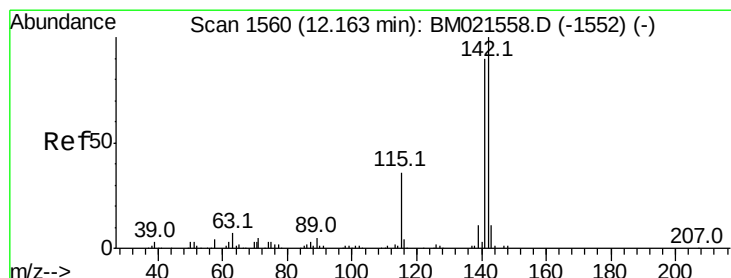
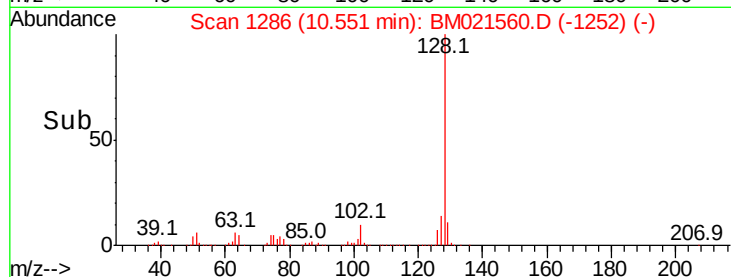
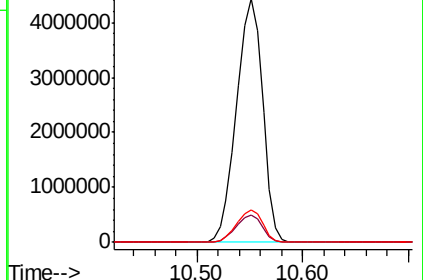
127 13.5 10.6 16.0



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: 24.116 ng/ul

RT: 12.16 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BM021560.D

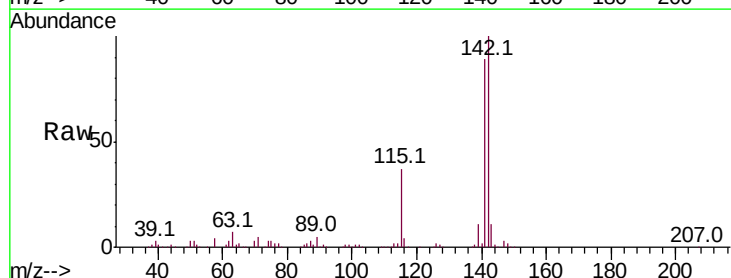
Acq: 19 Jul 2019 16:27

Tgt Ion:142 Resp: 525099

Ion Ratio Lower Upper

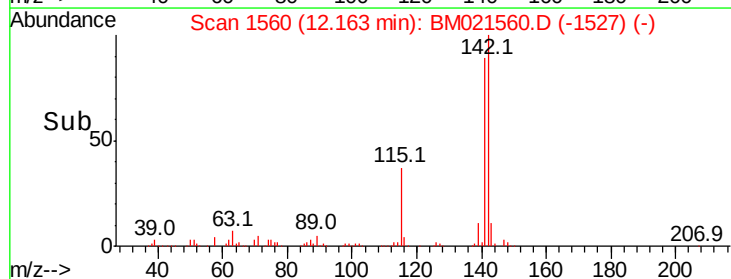
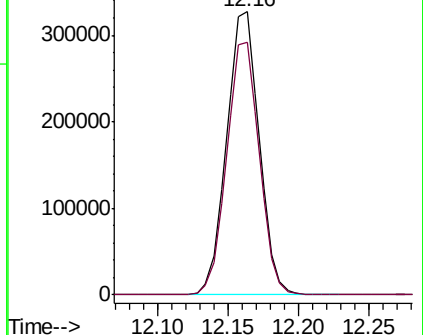
142 100

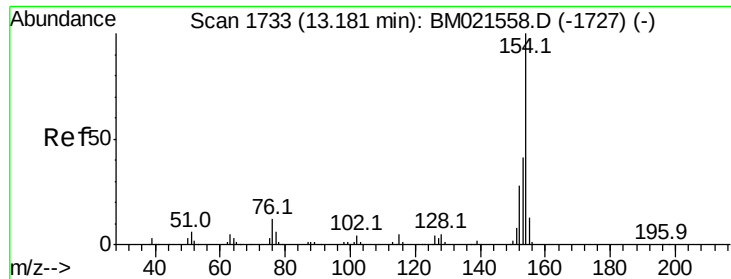
141 89.1 71.1 106.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

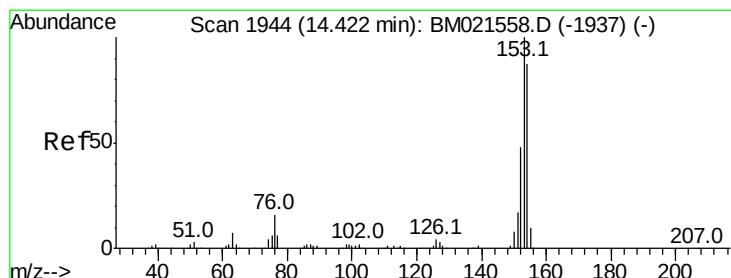
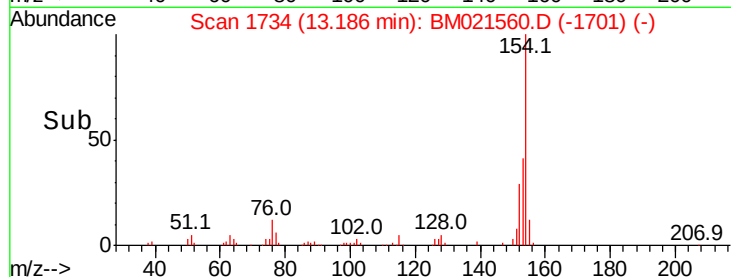
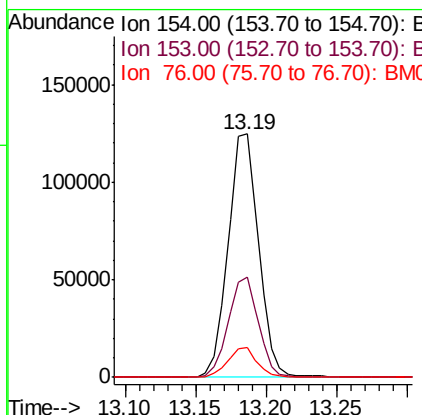
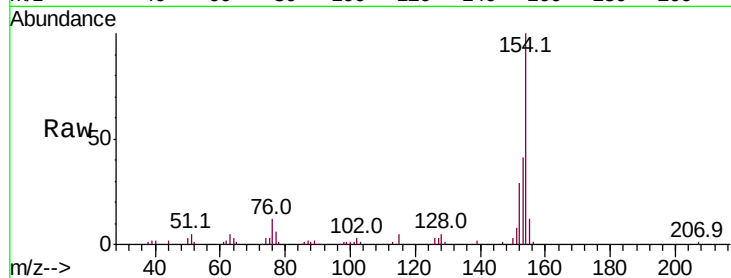




#40
 1,1'-Biphenyl
 Concen: 6.895 ng/ul
 RT: 13.19 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BM021560.D
 Acq: 19 Jul 2019 16:27

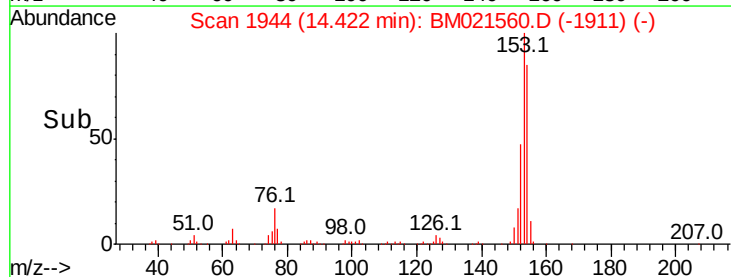
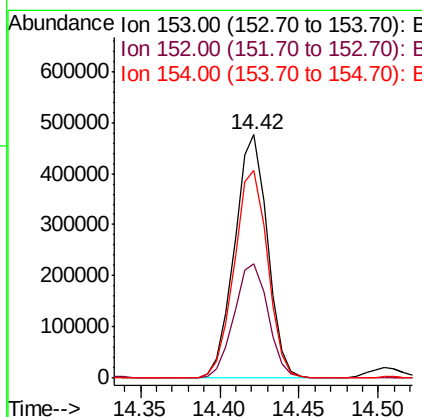
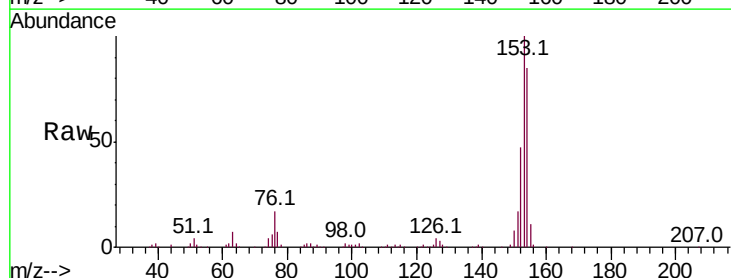
Instrument :
 BNA_M
 ClientSampleId :
 BF4B0DL

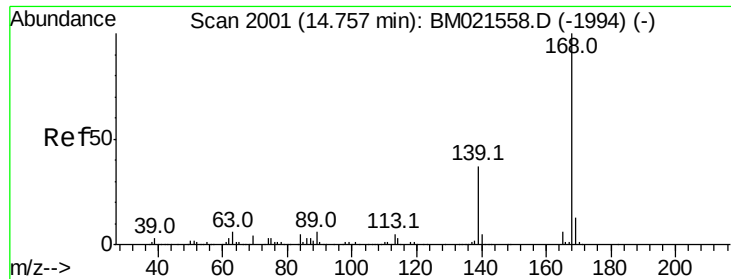
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	32.7	49.1
76	12.1	8.5	12.7



#49
 Acenaphthene
 Concen: 30.293 ng/ul
 RT: 14.42 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BM021560.D
 Acq: 19 Jul 2019 16:27

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.0	38.2	57.4
154	85.3	70.0	105.0





#53

Dibenzofuran

Concen: 19.243 ng/ul

RT: 14.76 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BM021560.D

Acq: 19 Jul 2019 16:27

Instrument :

BNA_M

ClientSampleId :

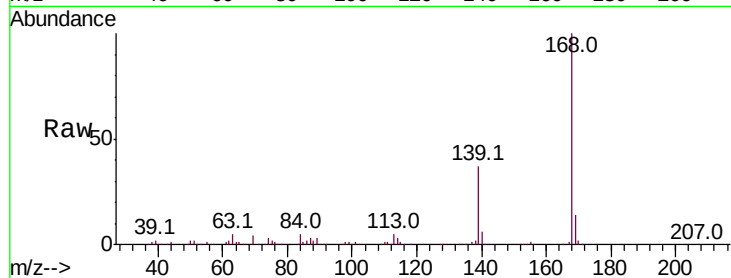
BF4B0DL

Tot Ion:168 Resp: 631133

Ion Ratio Lower Upper

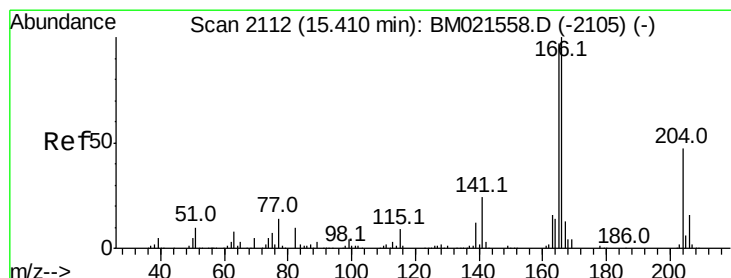
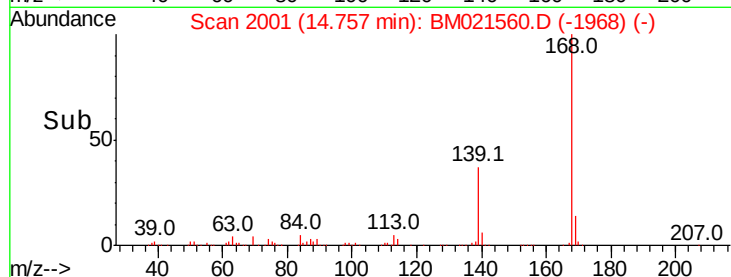
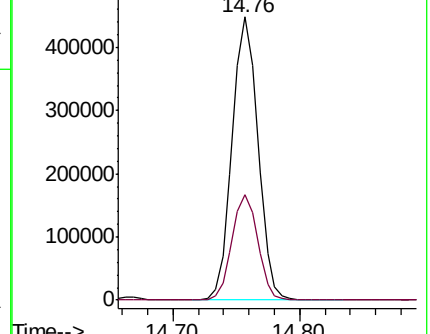
168 100

139 37.2 28.4 42.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 17.215 ng/ul

RT: 15.41 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BM021560.D

Acq: 19 Jul 2019 16:27

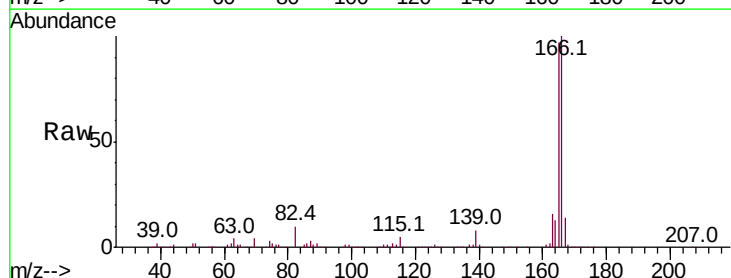
Tgt Ion:166 Resp: 456810

Ion Ratio Lower Upper

166 100

165 96.7 78.6 117.8

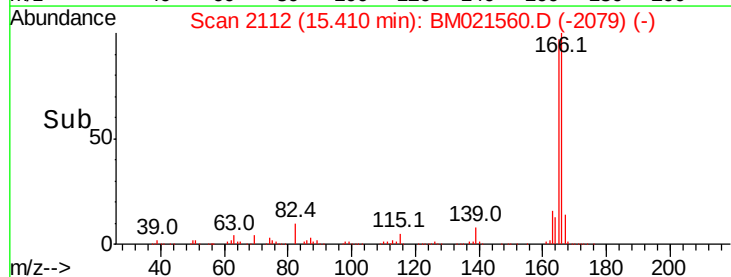
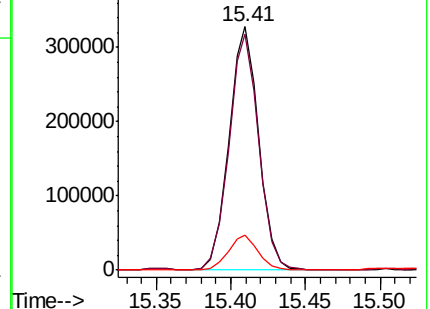
167 14.2 10.7 16.1

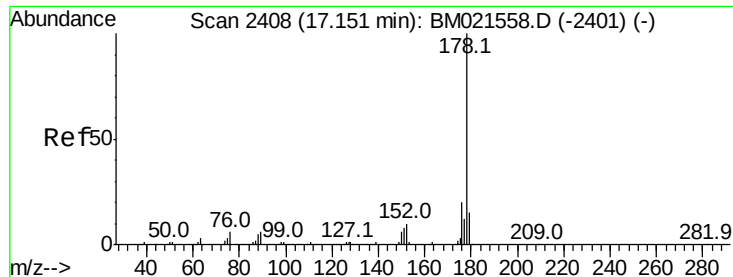


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 13.410 ng/ul

RT: 17.15 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BM021560.D

Acq: 19 Jul 2019 16:27

Instrument :

BNA_M

ClientSampleId :

BF4B0DL

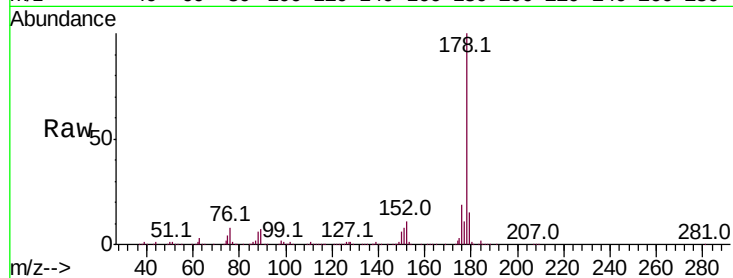
Tot Ion:178 Resp: 583774

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

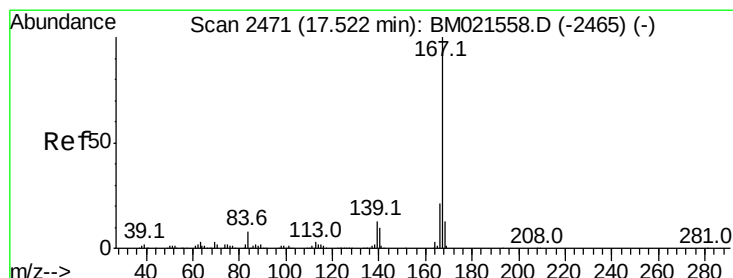
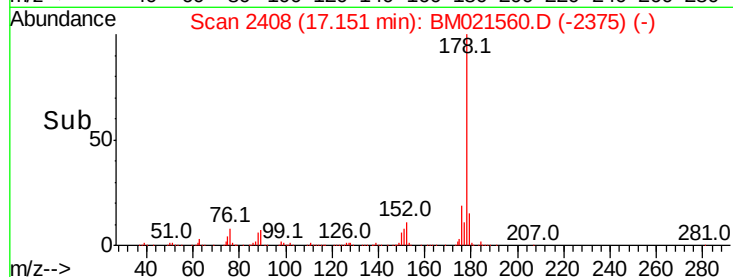
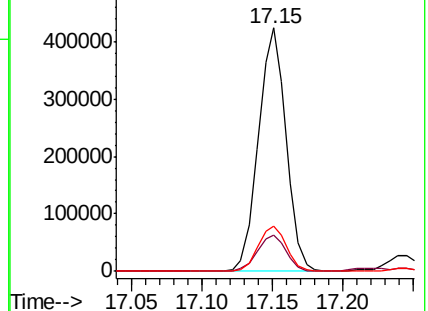
176 18.7 15.4 23.0



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: 11.878 ng/ul

RT: 17.52 min Scan# 2471

Delta R.T. -0.01 min

Lab File: BM021560.D

Acq: 19 Jul 2019 16:27

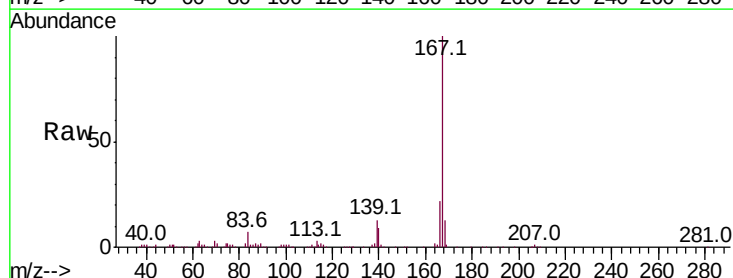
Tgt Ion:167 Resp: 436836

Ion Ratio Lower Upper

167 100

166 22.0 17.1 25.7

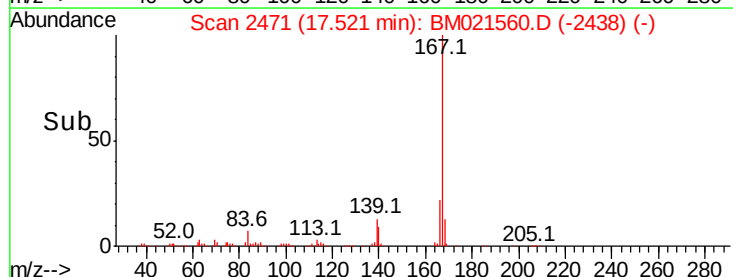
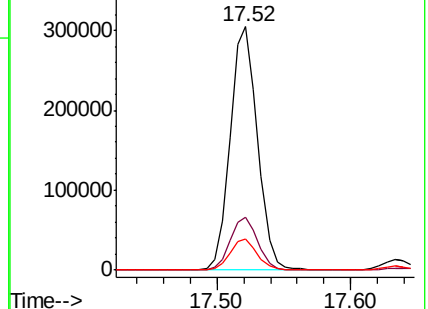
139 12.8 9.7 14.5

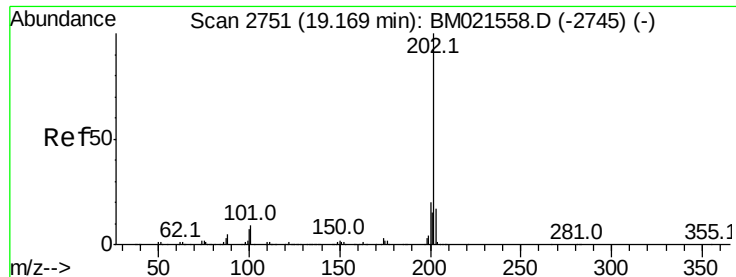


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#76
 Fluoranthene
 Concen: 1.832 ng/ul
 RT: 19.17 min Scan# 2751
 Delta R.T. -0.01 min
 Lab File: BM021560.D
 Acq: 19 Jul 2019 16:27

Instrument :
 BNA_M
 ClientSampleId :
 BF4B0DL

Tot Ion:	202	Resp:	94719
Ion	Ratio	Lower	Upper
202	100		
101	9.9	6.7	10.1
100	7.6	5.3	7.9

