

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071119\
 Data File : BM021449.D
 Acq On : 12 Jul 2019 09:40
 Operator : HP/JU
 Sample : K3717-15DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF4A0DL

Quant Time: Jul 13 02:15:44 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	224718	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	922861	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	542307	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	1202257	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	1077534	20.00	ng/ul	0.00
85) Perylene-d12	23.57	264	1221499	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	2787	0.61	ng/uL	0.00
5) Phenol-d5	6.90	99	62504	3.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	128067	12.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	162984	10.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	114707	8.24	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	102986	13.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	104507	12.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	201804	11.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	16046	1.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	642158	13.52	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	731179	12.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	14224	1.89	ng/ul	0.00
57) Fluorene-d10	15.37	176	563412	13.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	69221	8.56	ng/ul	0.00
70) Anthracene-d10	17.22	188	838005	13.42	ng/ul	0.00
78) Pyrene-d10	19.52	212	887637	15.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	935609	13.32	ng/ul	0.00

Target Compounds

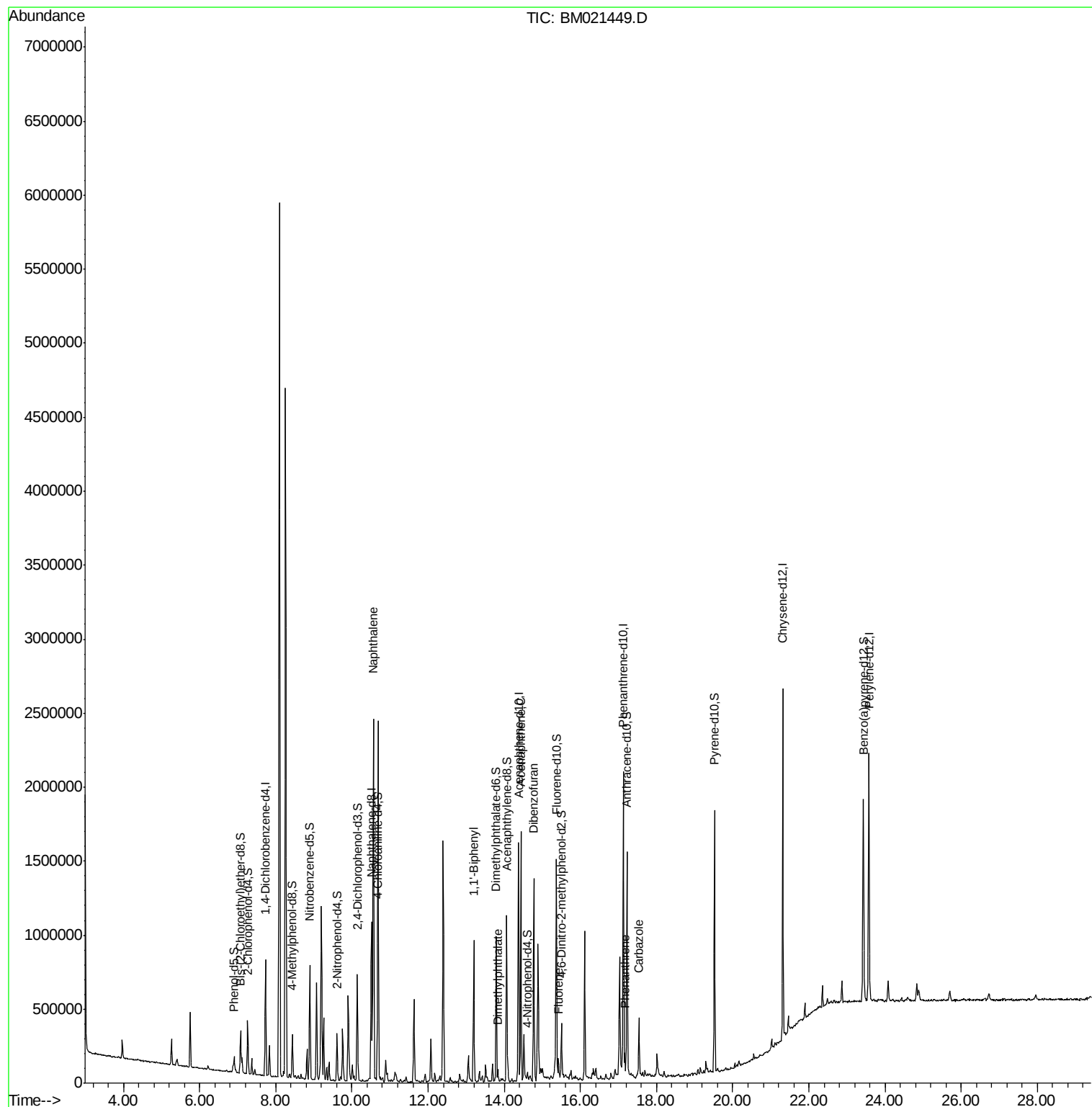
					Ovalue	
28) Naphthalene	10.56	128	1987976	41.392	ng/ul	100
40) 1,1'-Biphenyl	13.20	154	502088	11.062	ng/ul	99
44) Dimethylphthalate	13.83	163	52339	1.183	ng/ul#	98
49) Acenaphthene	14.44	153	699110	18.544	ng/ul	100
53) Dibenzofuran	14.77	168	886365	16.230	ng/ul	98
58) Fluorene	15.43	166	53981	1.222	ng/ul#	97
69) Phenanthrene	17.17	178	81591	1.204	ng/ul	99
74) Carbazole	17.53	167	254461	4.443	ng/ul	98

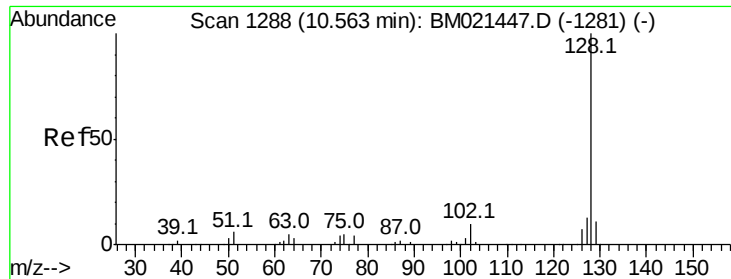
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 41.392 ng/ul

RT: 10.56 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BM021449.D

Acq: 12 Jul 2019 09:40

Instrument :

BNA_M

ClientSampleId :

BF4A0DL

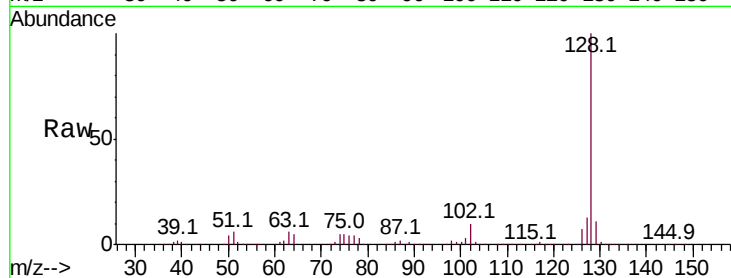
Tot Ion:128 Resp: 1987976

Ion Ratio Lower Upper

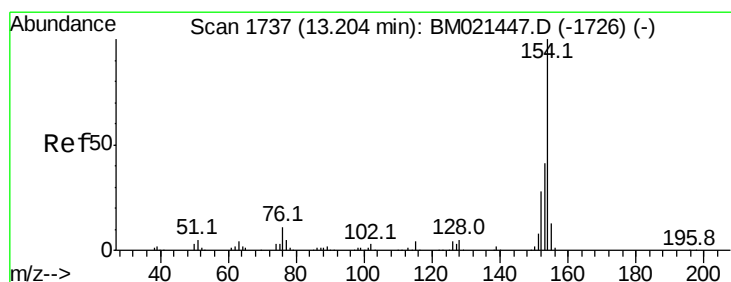
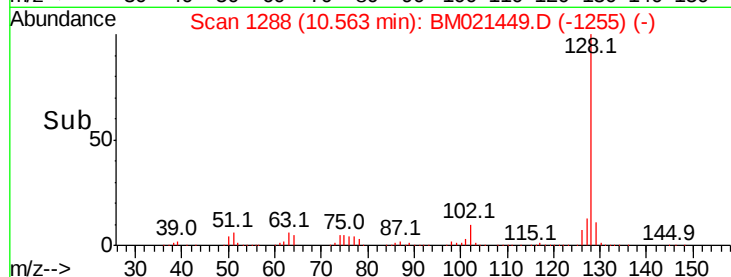
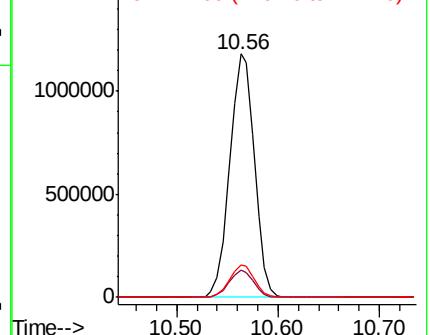
128 100

129 11.0 8.7 13.1

127 13.3 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



#40

1,1'-Biphenyl

Concen: 11.062 ng/ul

RT: 13.20 min Scan# 1736

Delta R.T. -0.01 min

Lab File: BM021449.D

Acq: 12 Jul 2019 09:40

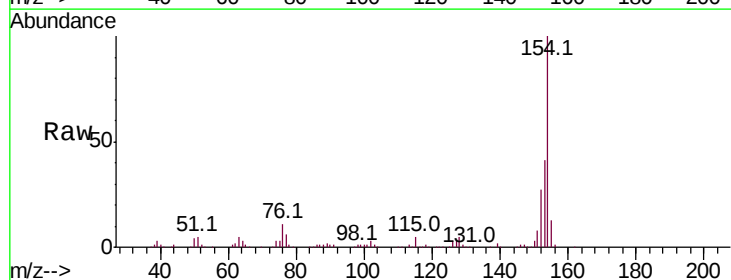
Tgt Ion:154 Resp: 502088

Ion Ratio Lower Upper

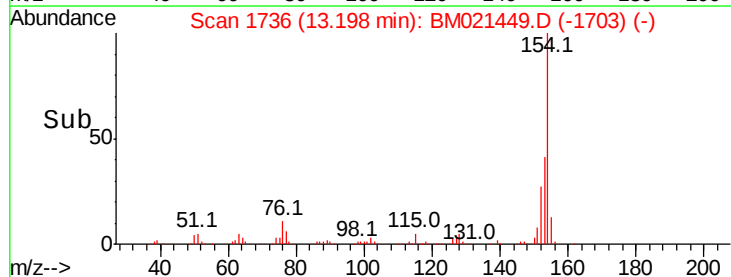
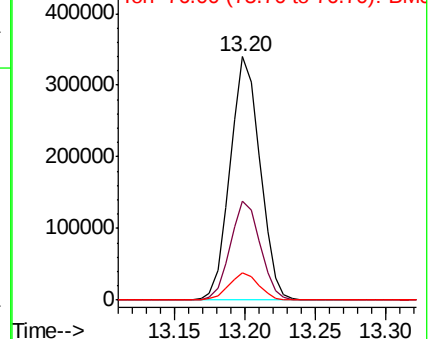
154 100

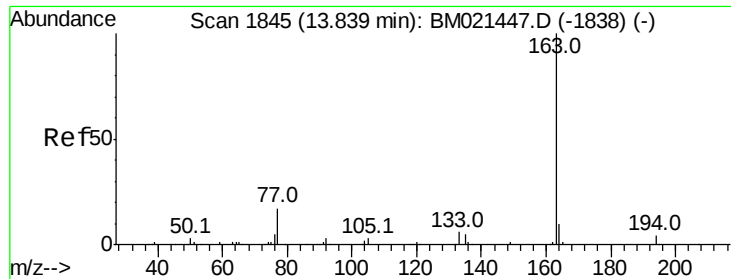
153 40.7 32.7 49.1

76 11.3 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): BM





#44

Dimethylphthalate

Concen: 1.183 ng/ul

RT: 13.83 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BM021449.D

Acq: 12 Jul 2019 09:40

Instrument :

BNA_M

ClientSampleId :

BF4A0DL

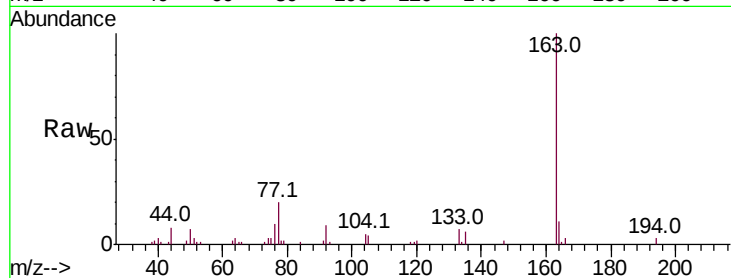
Tot Ion:163 Resp: 52339

Ion Ratio Lower Upper

163 100

194 3.3 3.6 5.4#

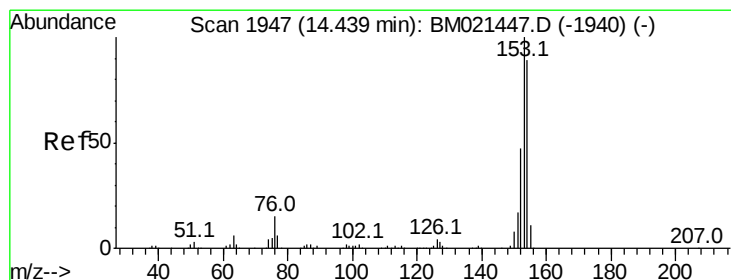
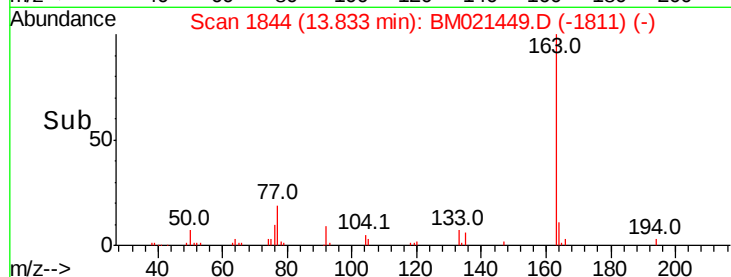
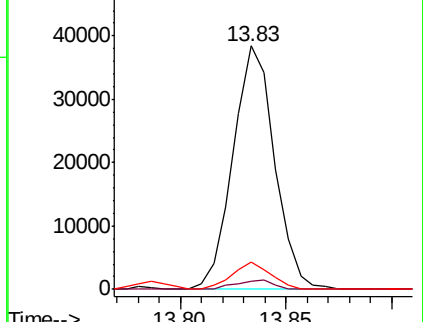
164 11.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#49

Acenaphthene

Concen: 18.544 ng/ul

RT: 14.44 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BM021449.D

Acq: 12 Jul 2019 09:40

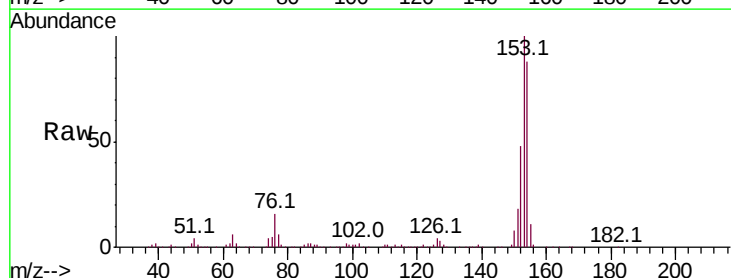
Tgt Ion:153 Resp: 699110

Ion Ratio Lower Upper

153 100

152 47.9 38.2 57.4

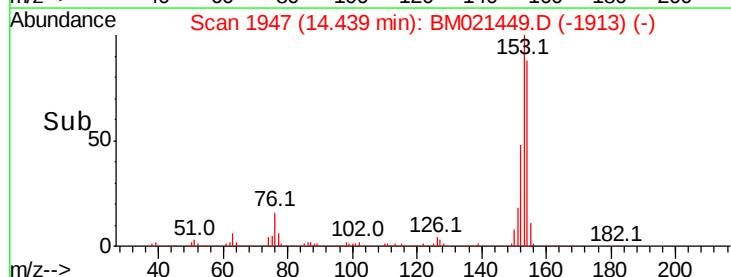
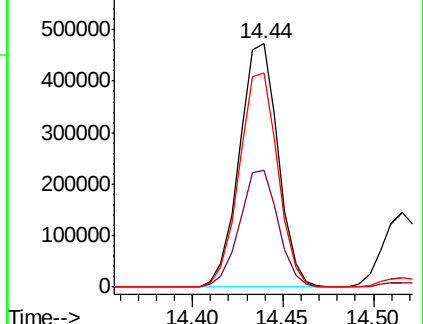
154 87.7 70.0 105.0

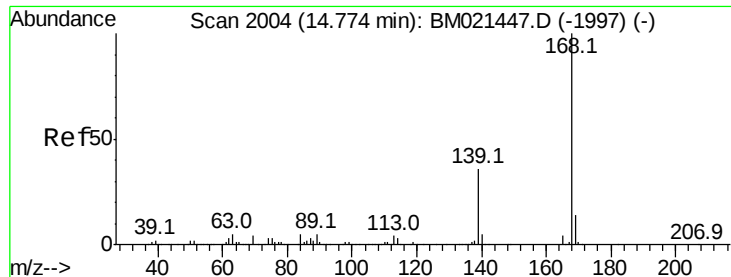


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 16.230 ng/ul

RT: 14.77 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BM021449.D

Acq: 12 Jul 2019 09:40

Instrument :

BNA_M

ClientSampleId :

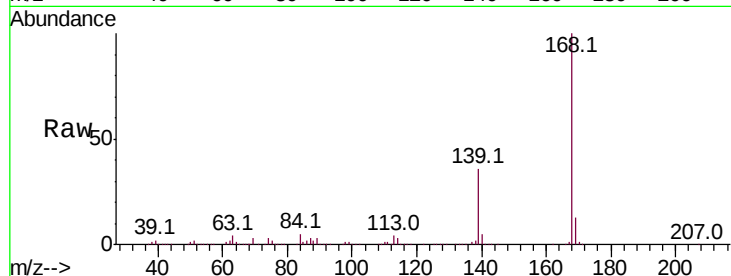
BF4A0DL

Tot Ion:168 Resp: 886365

Ion Ratio Lower Upper

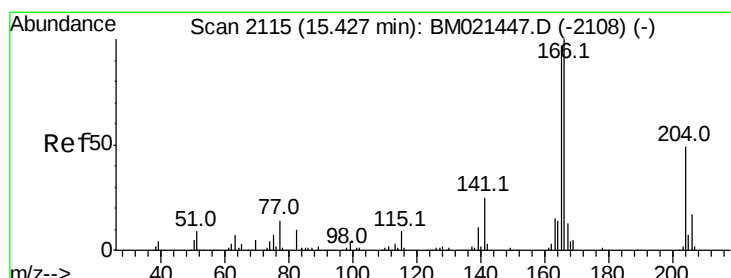
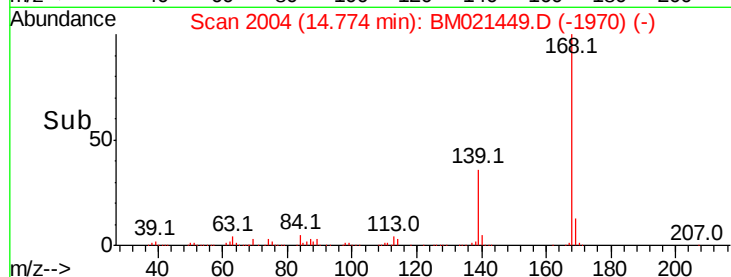
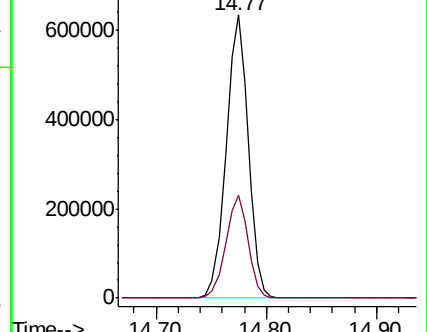
168 100

139 36.4 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: 1.222 ng/ul

RT: 15.43 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BM021449.D

Acq: 12 Jul 2019 09:40

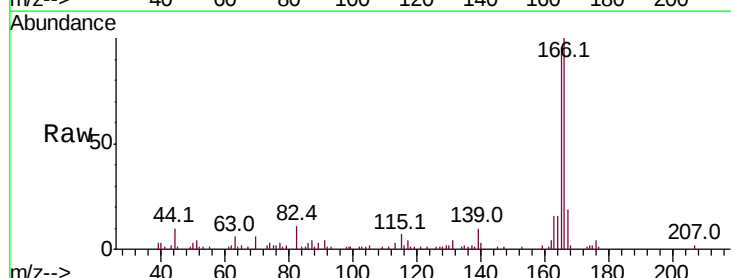
Tgt Ion:166 Resp: 53981

Ion Ratio Lower Upper

166 100

165 96.2 78.6 117.8

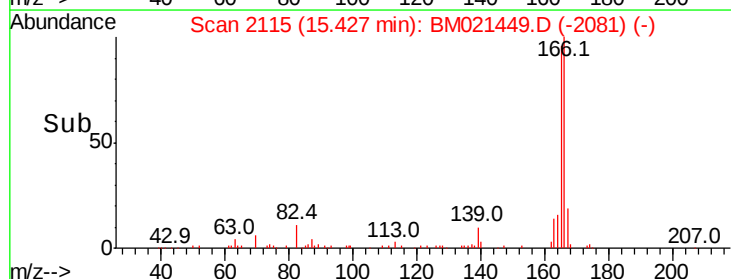
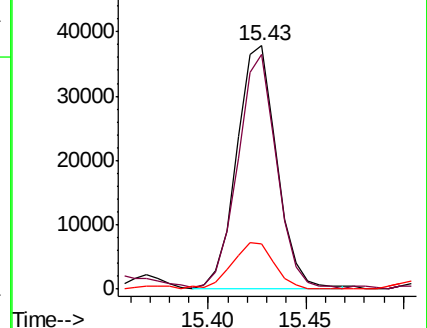
167 18.6 10.7 16.1#

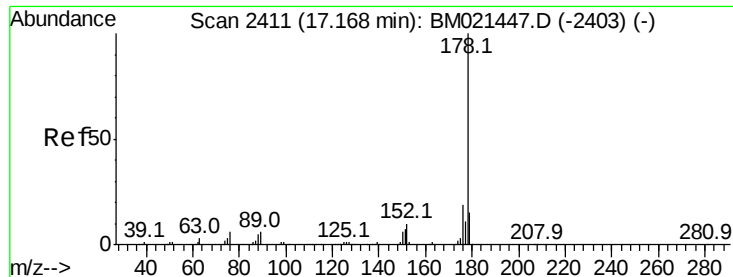


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 1.204 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BM021449.D

Acq: 12 Jul 2019 09:40

Instrument :

BNA_M

ClientSampleId :

BF4A0DL

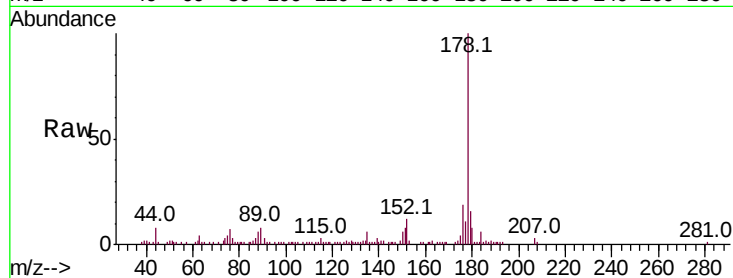
Tot Ion:178 Resp: 81591

Ion Ratio Lower Upper

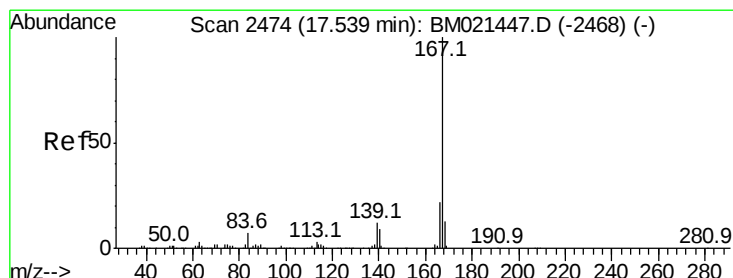
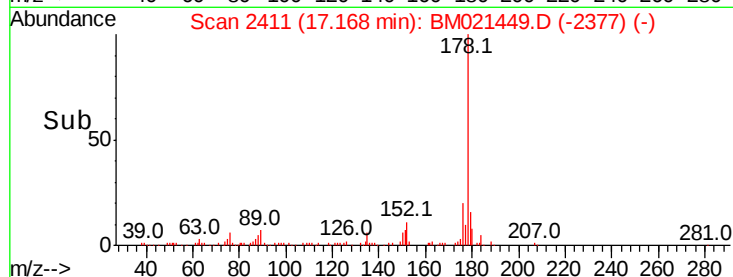
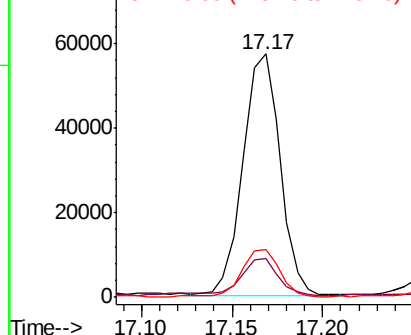
178 100

179 15.7 12.2 18.2

176 19.4 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: 4.443 ng/ul

RT: 17.53 min Scan# 2473

Delta R.T. -0.01 min

Lab File: BM021449.D

Acq: 12 Jul 2019 09:40

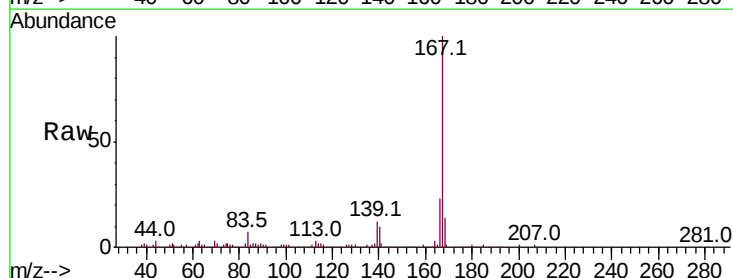
Tgt Ion:167 Resp: 254461

Ion Ratio Lower Upper

167 100

166 22.9 17.1 25.7

139 12.1 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

