Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
Data File : BM021561.D
Acq On : 19 Jul 2019 17:04
Operator : HP/JU
Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

Quant Time: Jul 19 17:48:42 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	158991	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	620536	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	351699	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	828712	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	843619	20.00	ng/ul	-0.01
85) Perylene-d12	23.56	264	991157	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	767	0.24	ng/uL	0.01
5) Phenol-d5	6.90	99	8846	0.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	21993	3.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	26346	2.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	16082	1.63	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	16313	3.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	12702	2.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	26967	2.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	6031	0.58	ng/ul	-0.01
43) Dimethylphthalate-d6	13.77	166	100521	3.26	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	107831	2.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	389	0.08	ng/ul	0.03
57) Fluorene-d10	15.35	176	88877	3.23	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.50	200	4798	0.86	ng/ul	0.00
70) Anthracene-d10	17.21	188	136394	3.17	ng/ul	0.00
78) Pyrene-d10	19.50	212	151764	3.28	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.41	264	175376	3.08	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.56	128	9784609	302.983	ng/ul	99
34) 2-Methylnaphthalene	12.16	142	282404	11.863	ng/ul	96
40) 1,1'-Biphenyl	13.18	154	341053	11.586	ng/ul	98
49) Acenaphthene	14.42	153	796217	32.566	ng/ul	100
53) Dibenzofuran	14.76	168	806275	22.765	ng/ul	96
58) Fluorene	15.41	166	322268	11.247	ng/ul	98
69) Phenanthrene	17.15	178	824377	17.642	ng/ul	99
74) Carbazole	17.52	167	596034	15.099	ng/ul	98
76) Fluoranthene	19.17	202	81719	1.473	ng/ul	99

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

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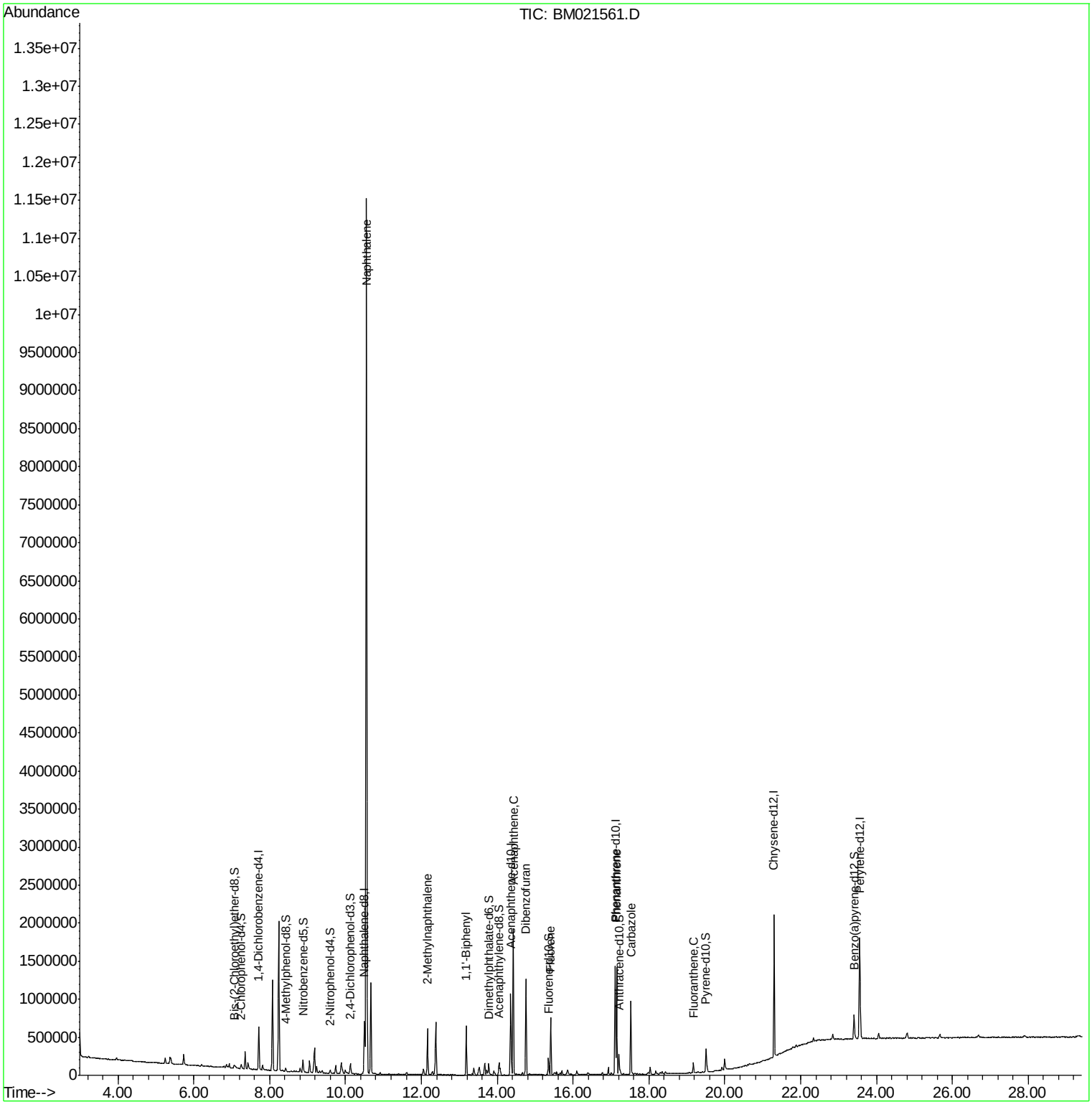
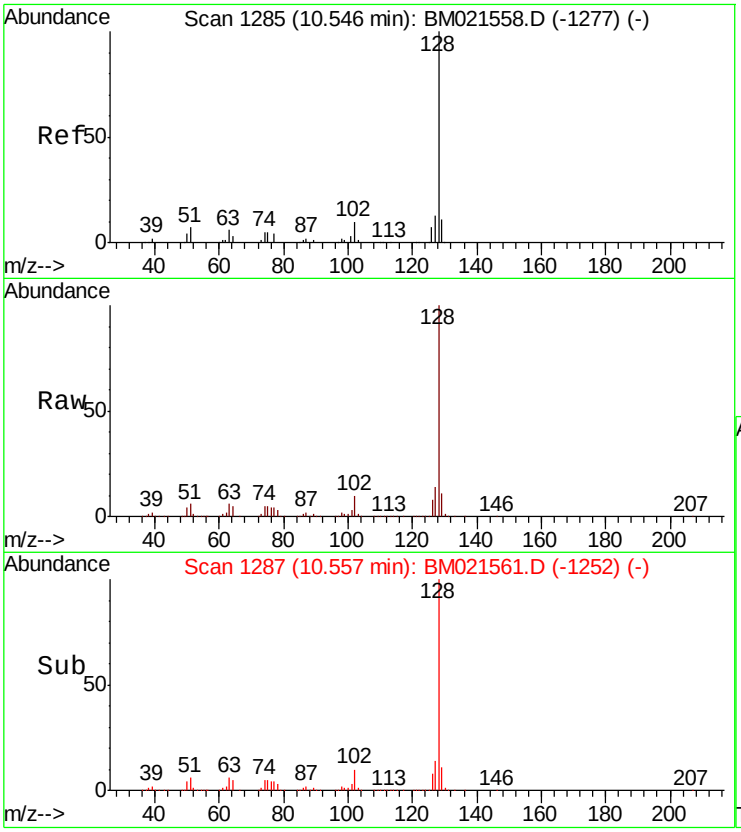


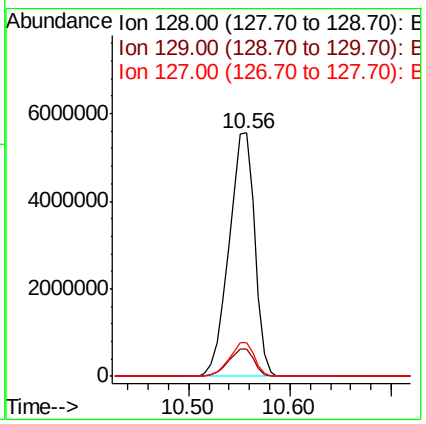


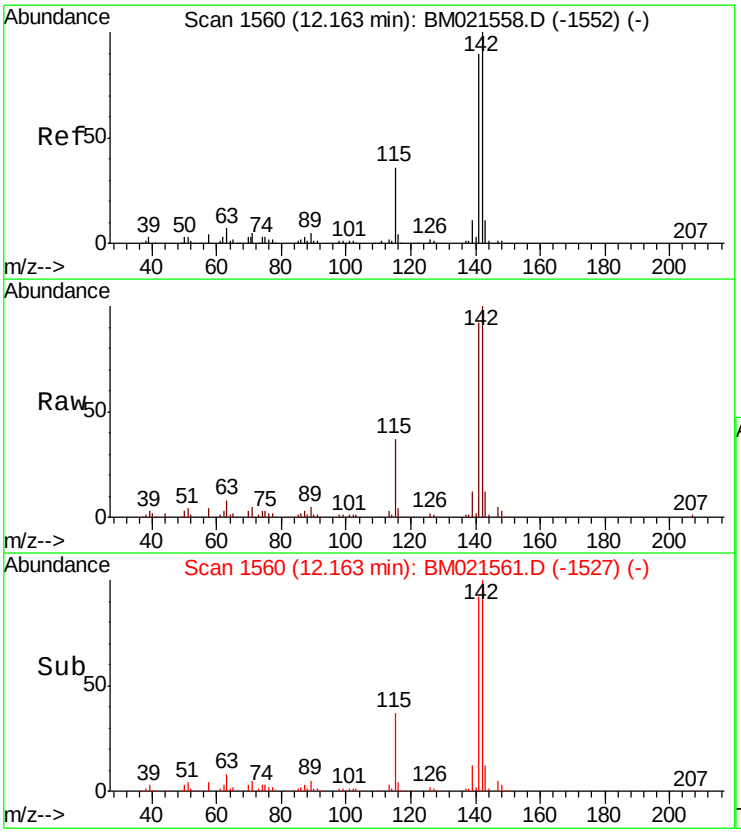
#28
Naphthalene
Concen: 302.983 ng/ul
RT: 10.56 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BM021561.D
Acq: 19 Jul 2019 17:04

Instrument :
BNA_M
ClientSampleId :
BF4B1DL

Tgt Ion:128 Resp: 9784609

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.9	10.6	16.0

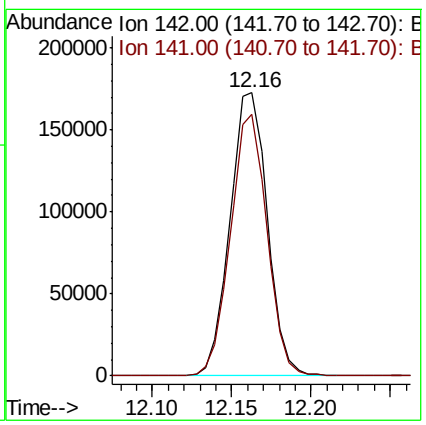


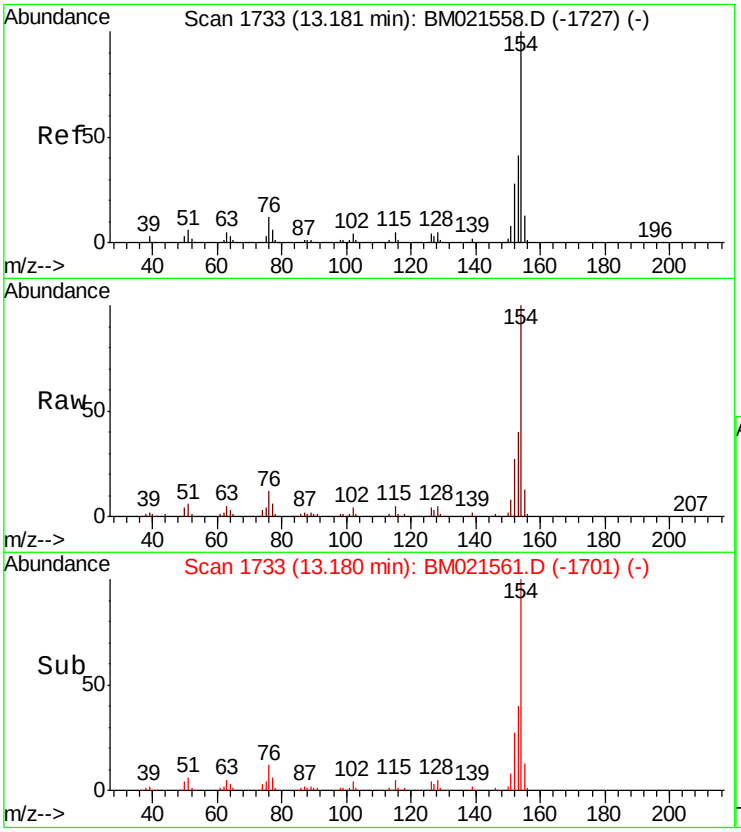


#34
2-Methylnaphthalene
Concen: 11.863 ng/ul
RT: 12.16 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BM021561.D
Acq: 19 Jul 2019 17:04

Tgt Ion:142 Resp: 282404

Ion	Ratio	Lower	Upper
142	100		
141	92.3	71.1	106.7



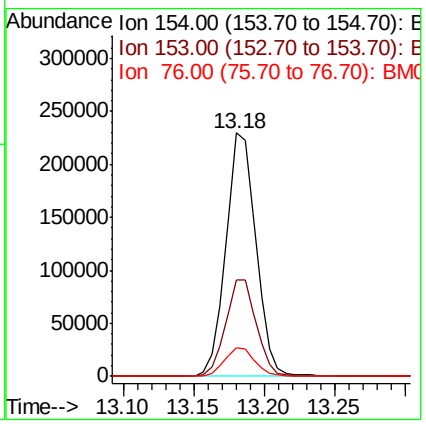


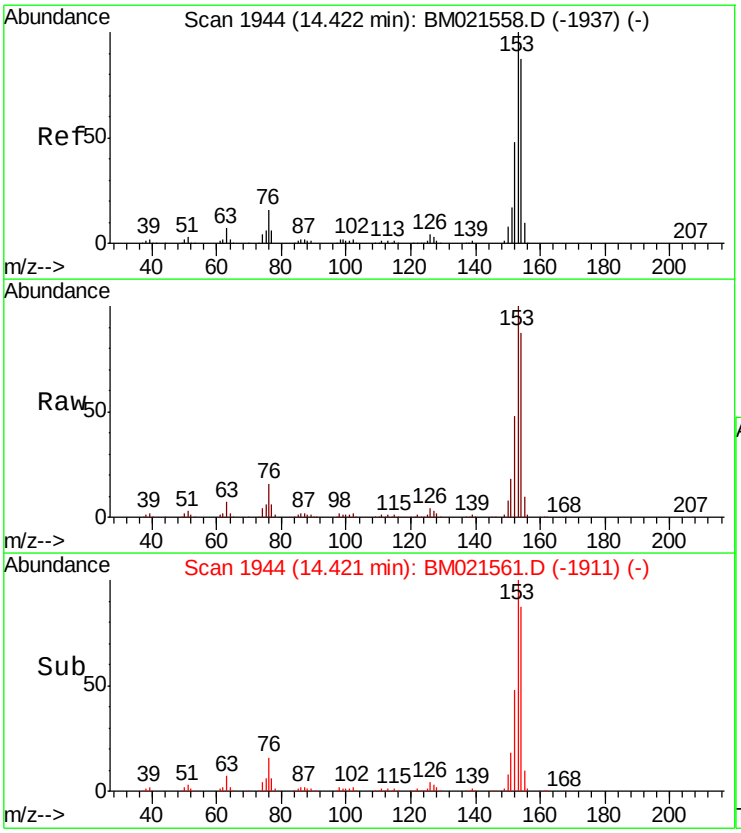
#40
1,1'-Biphenyl
Concen: 11.586 ng/ul
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM021561.D
Acq: 19 Jul 2019 17:04

Instrument :
BNA_M
ClientSampleId :
BF4B1DL

Tgt Ion:154 Resp: 341053

Ion	Ratio	Lower	Upper
154	100		
153	39.8	32.7	49.1
76	11.8	8.5	12.7

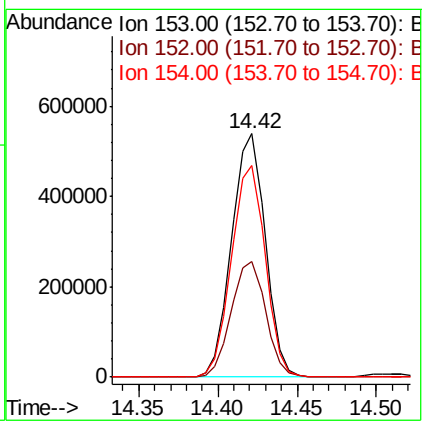


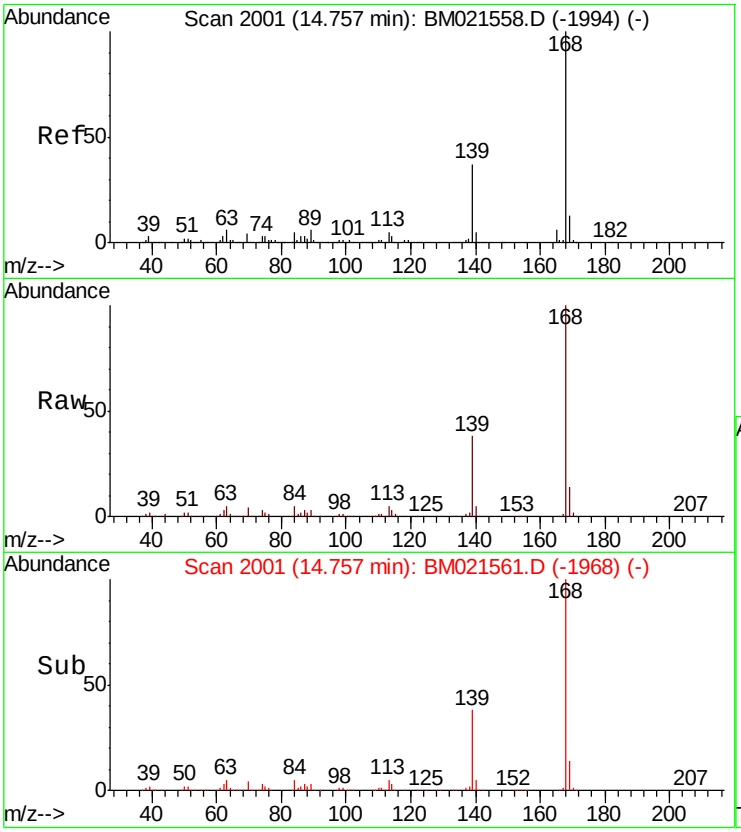


#49
Acenaphthene
Concen: 32.566 ng/ul
RT: 14.42 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM021561.D
Acq: 19 Jul 2019 17:04

Tgt Ion:153 Resp: 796217

Ion	Ratio	Lower	Upper
153	100		
152	47.6	38.2	57.4
154	87.1	70.0	105.0



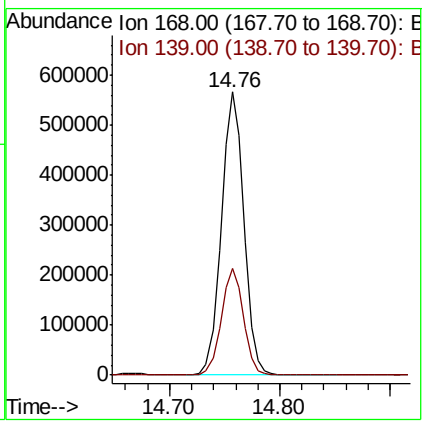


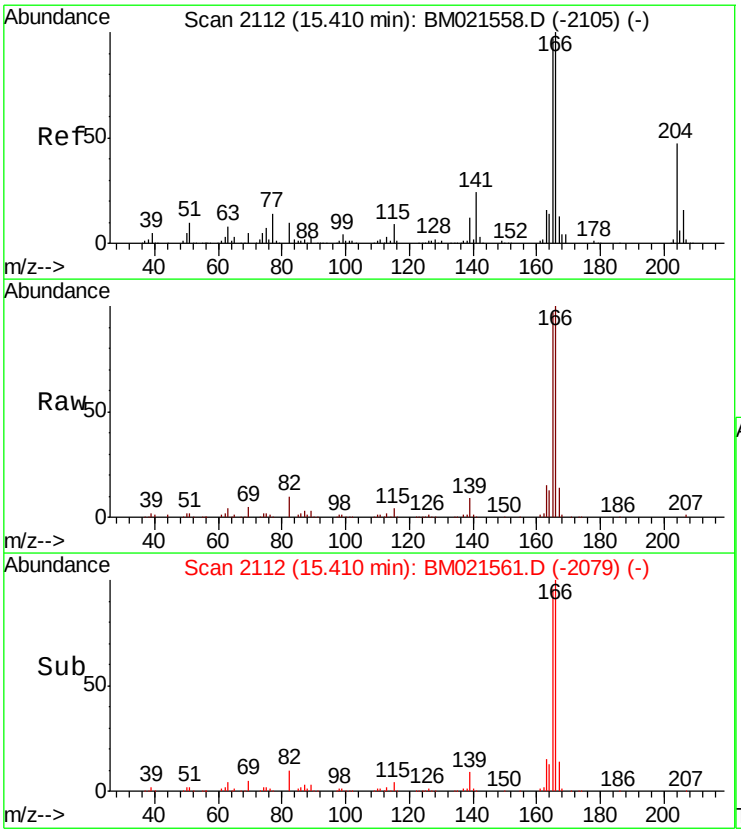
#53
Dibenzofuran
Concen: 22.765 ng/ul
RT: 14.76 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM021561.D
Acq: 19 Jul 2019 17:04

Instrument :
BNA_M
ClientSampleId :
BF4B1DL

Tgt Ion:168 Resp: 806275

Ion	Ratio	Lower	Upper
168	100		
139	37.7	28.4	42.6

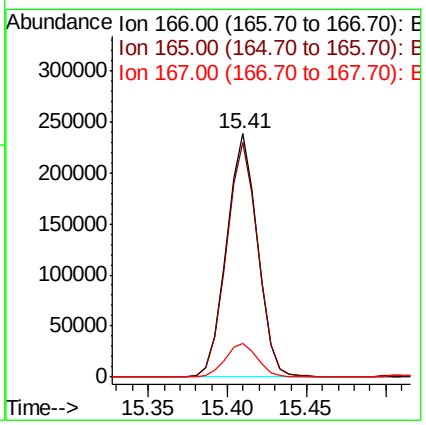


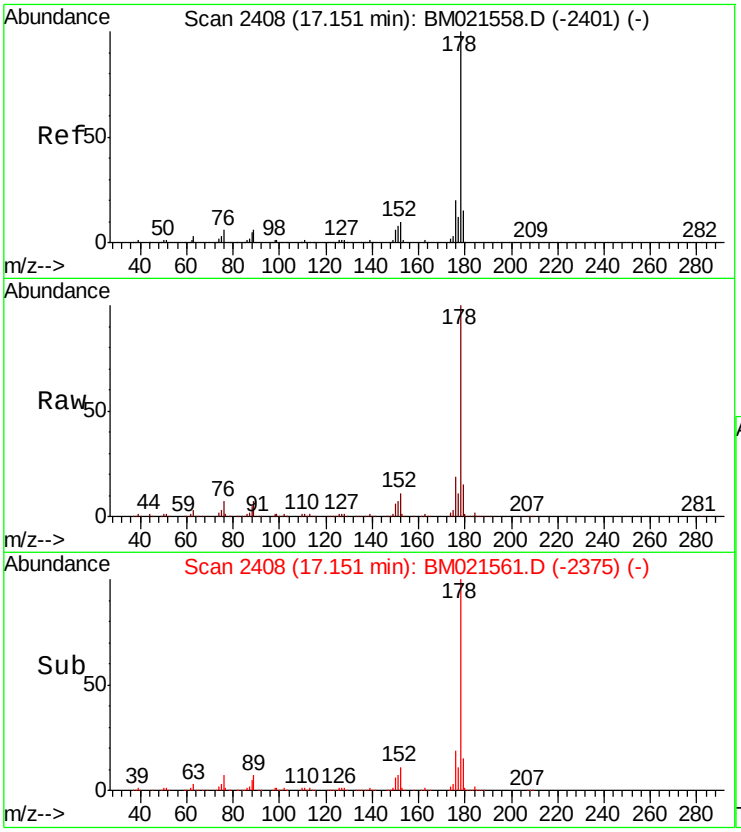


#58
Fluorene
Concen: 11.247 ng/ul
RT: 15.41 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BM021561.D
Acq: 19 Jul 2019 17:04

Tgt Ion:166 Resp: 322268

Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.6	117.8
167	14.0	10.7	16.1



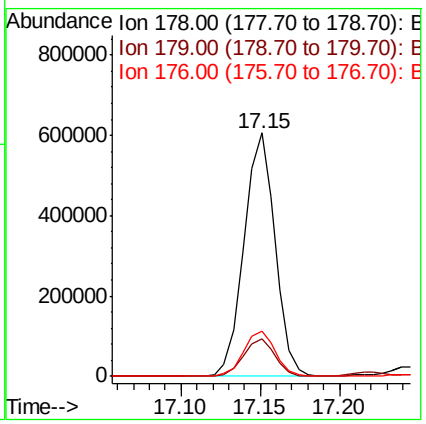


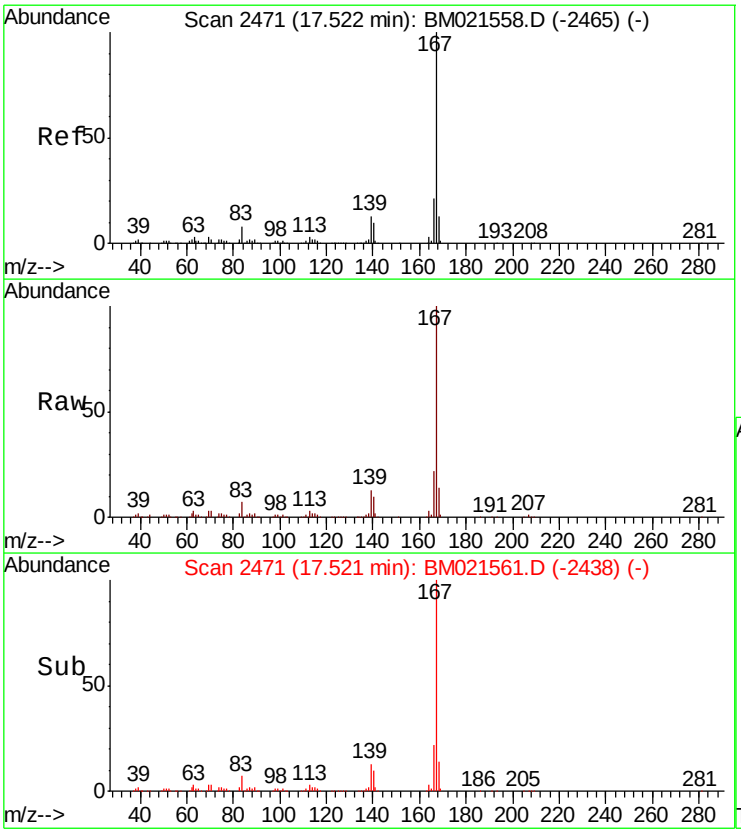
#69
Phenanthrene
Concen: 17.642 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM021561.D
Acq: 19 Jul 2019 17:04

Instrument :
BNA_M
ClientSampleId :
BF4B1DL

Tgt Ion:178 Resp: 824377

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	18.7	15.4	23.0

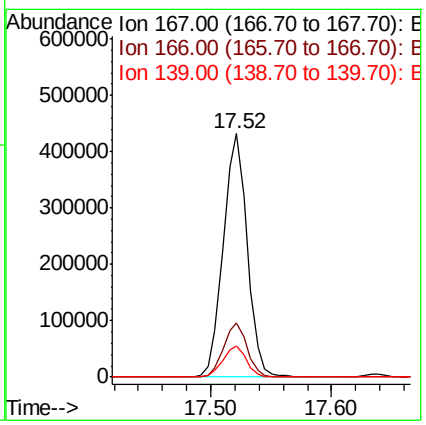


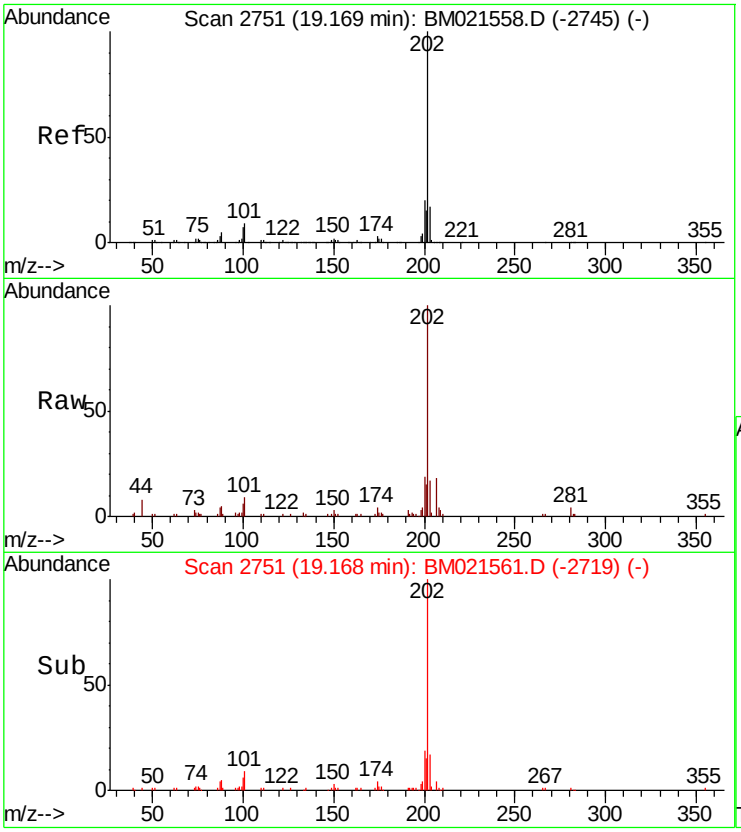


#74
Carbazole
Concen: 15.099 ng/ul
RT: 17.52 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BM021561.D
Acq: 19 Jul 2019 17:04

Tgt Ion:167 Resp: 596034

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.1	25.7
139	12.8	9.7	14.5





#76
Fluoranthene
Concen: 1.473 ng/ul
RT: 19.17 min Scan# 2751
Delta R.T. -0.01 min
Lab File: BM021561.D
Acq: 19 Jul 2019 17:04

Instrument :
BNA_M
ClientSampleId :
BF4B1DL

Tgt Ion:202 Resp: 81719

Ion	Ratio	Lower	Upper
202	100		
101	9.2	6.7	10.1
100	6.5	5.3	7.9