Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091819\
Data File : BM022720.D
Acq On : 18 Sep 2019 18:03
Operator : HP/JU
Sample : K4706-09DL2 40X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

Quant Time: Sep 18 18:39:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 17:31:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	205351	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	909212	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	583645	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	1229124	20.00	ng/ul	0.00
78) Chrysene-d12	21.38	240	1124724	20.00	ng/ul	0.00
86) Perylene-d12	23.66	264	1080107	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.00	99	2588	0.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	7041	0.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	6517	0.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	4203	0.27	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	4861	0.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	3203	0.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	6632	0.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	2449	0.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	34217	0.72	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	30852	0.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	466	0.06	ng/ul	0.00
58) Fluorene-d10	15.46	176	29696	0.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.56	200	1934	0.35	ng/ul	0.00
71) Anthracene-d10	17.30	188	46797	0.74	ng/ul	0.00
79) Pyrene-d10	19.59	212	45304	0.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.51	264	33885	0.58	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.68	128	3070913	60.920	ng/ul	100
34) 2-Methylnaphthalene	12.29	142	507164	13.354	ng/ul	99
41) 1,1'-Biphenyl	13.30	154	68255	1.404	ng/ul	98
50) Acenaphthene	14.53	153	117774	2.894	ng/ul	97
54) Dibenzofuran	14.86	168	133456	2.363	ng/ul	100
59) Fluorene	15.51	166	71397	1.536	ng/ul	97
70) Phenanthrene	17.24	178	113990	1.515	ng/ul	99

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

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Quant Title : SVOA CALIBRATION
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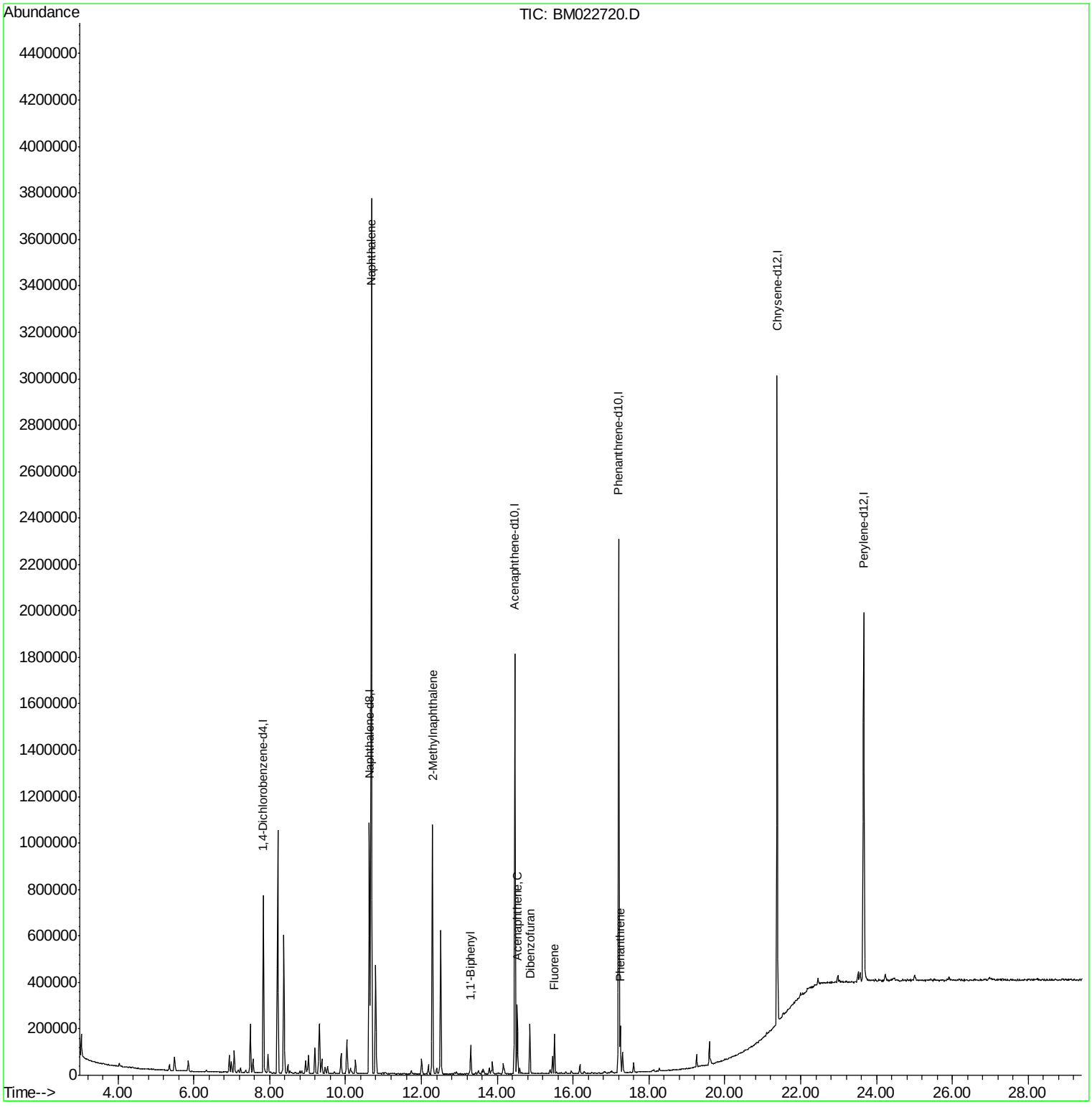
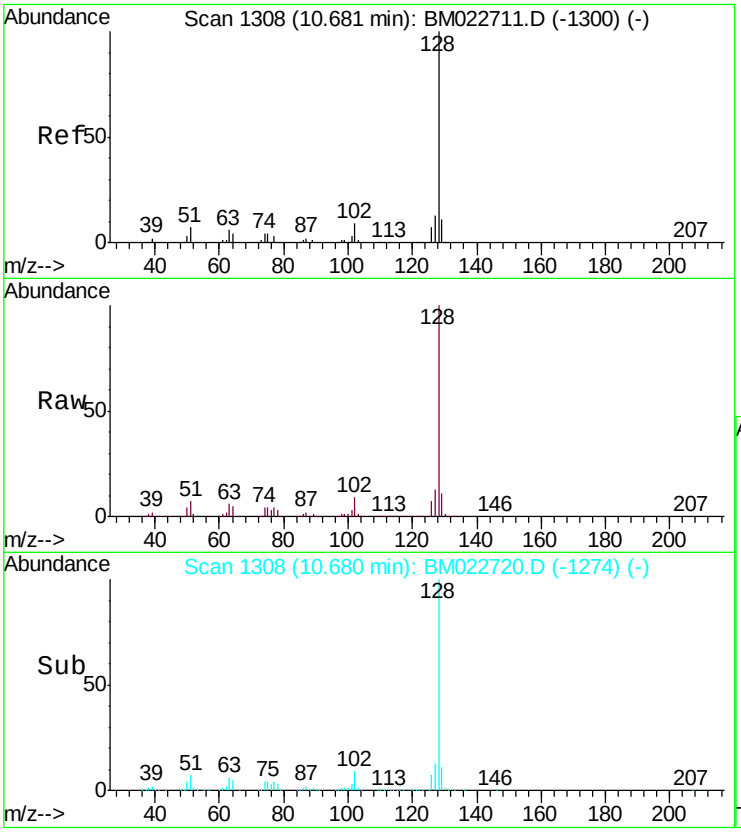
Response via : Initial Calibration



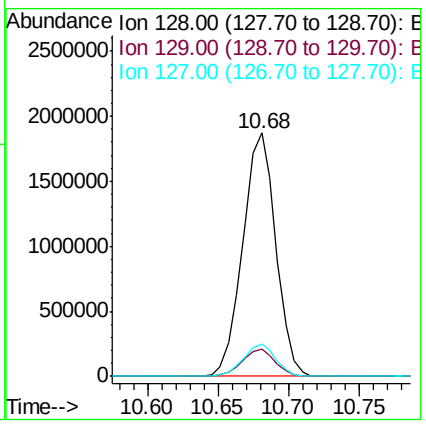


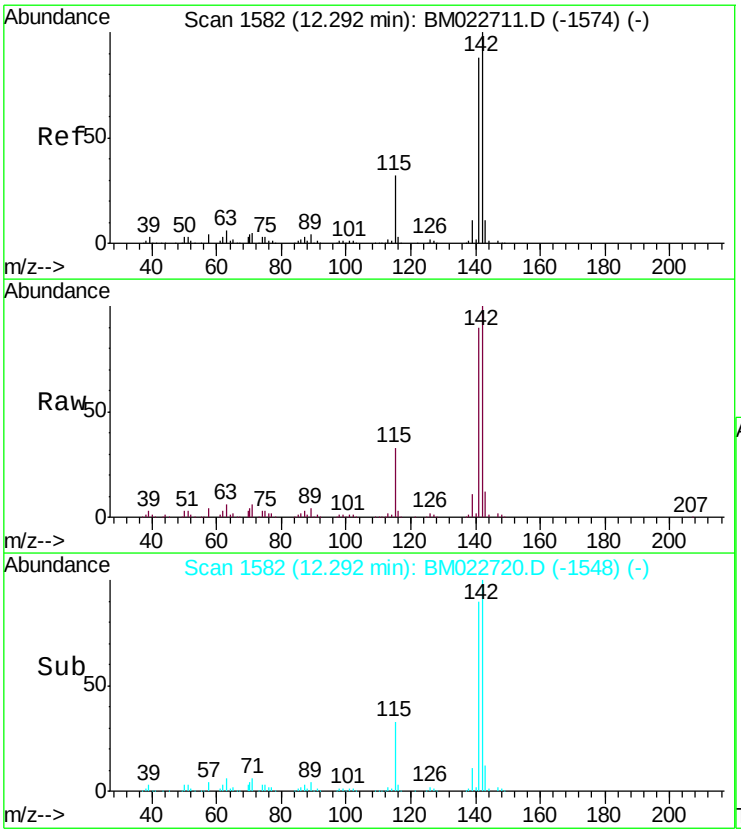
#28
Naphthalene
Concen: 60.920 ng/ul
RT: 10.68 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BM022720.D
Acq: 18 Sep 2019 18:03

Instrument :
BNA_M
ClientSampleId :
BF575DL2

Tgt Ion:128 Resp: 3070913

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.1	10.6	16.0

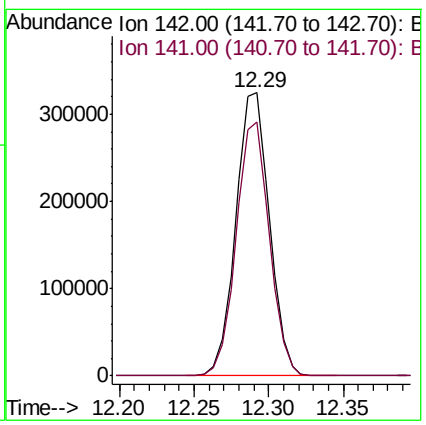


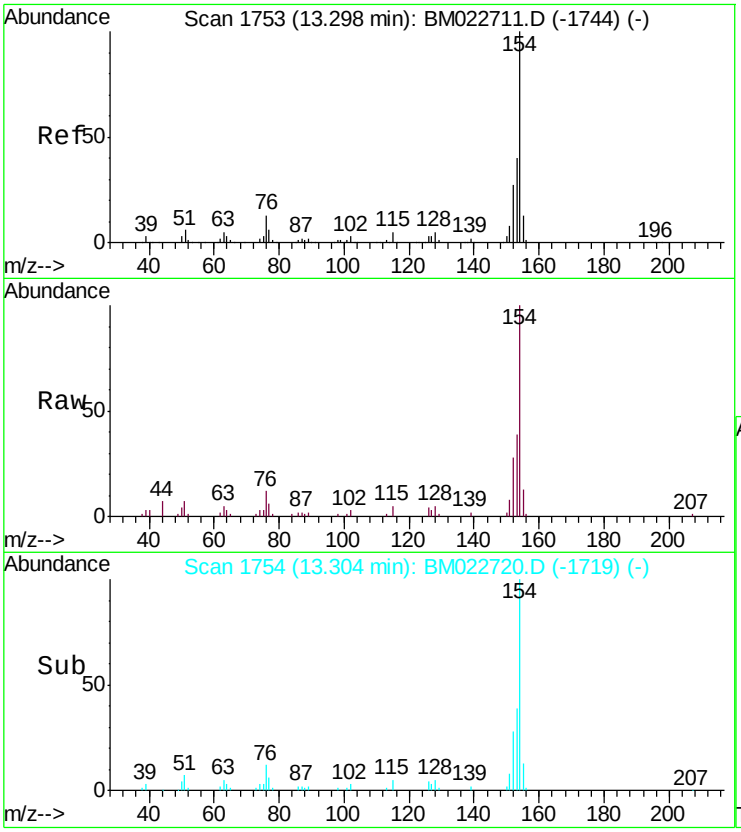


#34
2-Methylnaphthalene
Concen: 13.354 ng/ul
RT: 12.29 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BM022720.D
Acq: 18 Sep 2019 18:03

Tgt Ion:142 Resp: 507164

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.4



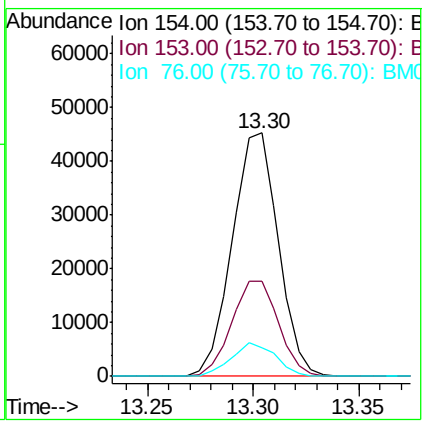


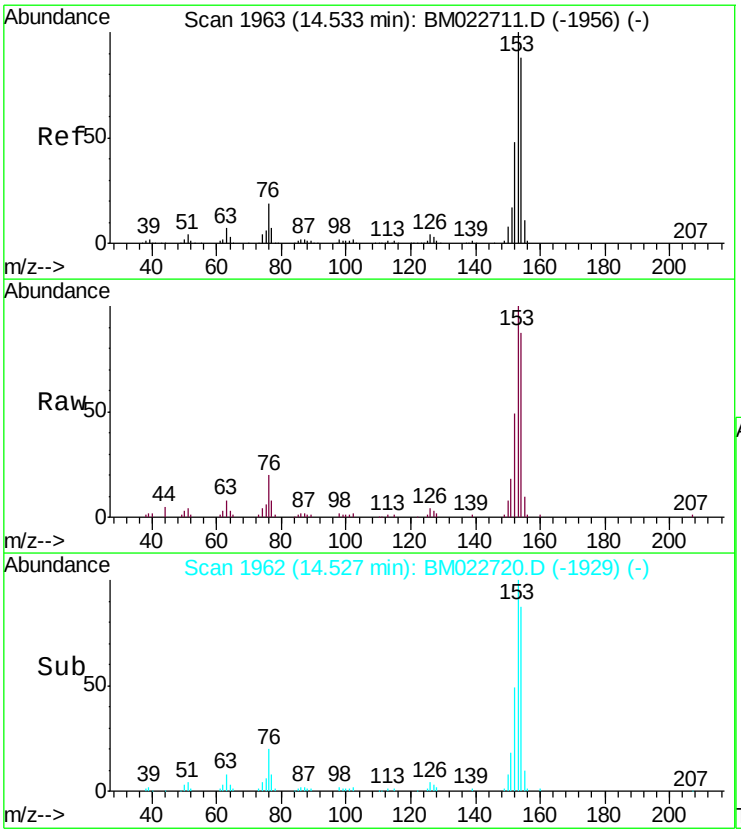
#41
1,1'-Biphenyl
Concen: 1.404 ng/ul
RT: 13.30 min Scan# 1754
Delta R.T. 0.01 min
Lab File: BM022720.D
Acq: 18 Sep 2019 18:03

Instrument :
BNA_M
ClientSampleId :
BF575DL2

Tgt Ion:154 Resp: 68255

Ion	Ratio	Lower	Upper
154	100		
153	39.1	32.1	48.1
76	12.0	10.2	15.2

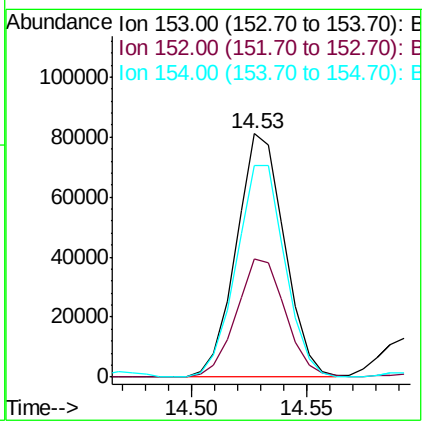


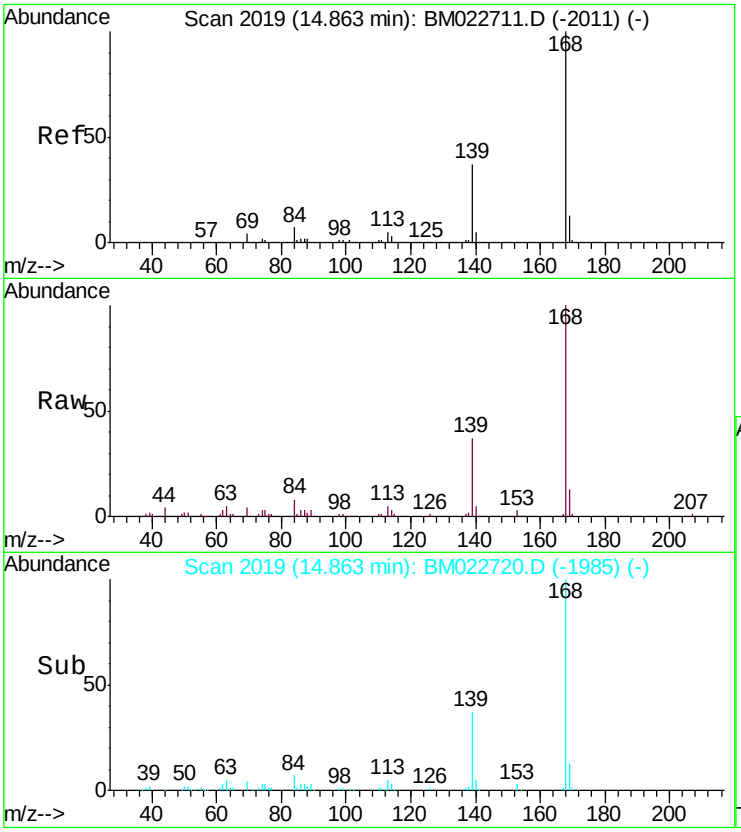


#50
Acenaphthene
Concen: 2.894 ng/ul
RT: 14.53 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM022720.D
Acq: 18 Sep 2019 18:03

Tgt Ion:153 Resp: 117774

Ion	Ratio	Lower	Upper
153	100		
152	48.8	37.5	56.3
154	86.8	71.4	107.0



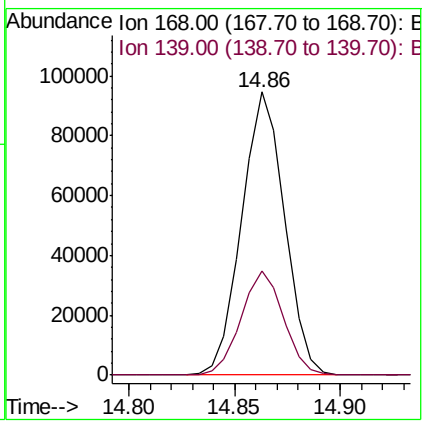


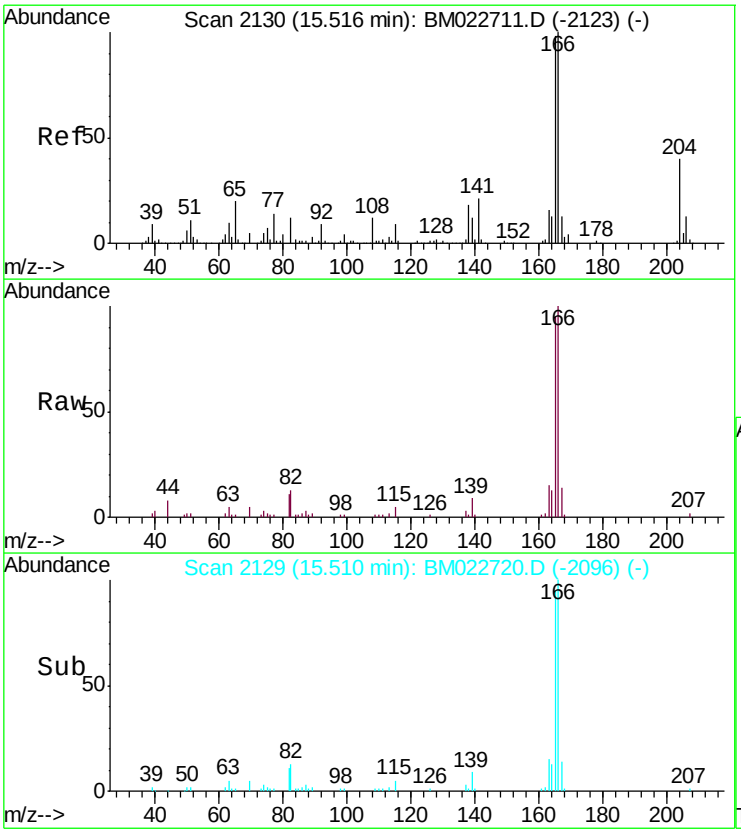
#54
Dibenzofuran
Concen: 2.363 ng/ul
RT: 14.86 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BM022720.D
Acq: 18 Sep 2019 18:03

Instrument :
BNA_M
ClientSampleId :
BF575DL2

Tgt Ion:168 Resp: 133456

Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.5	44.3

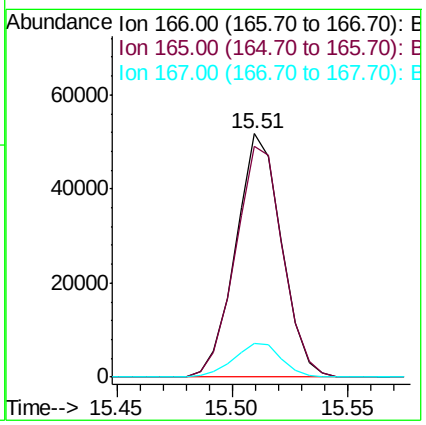


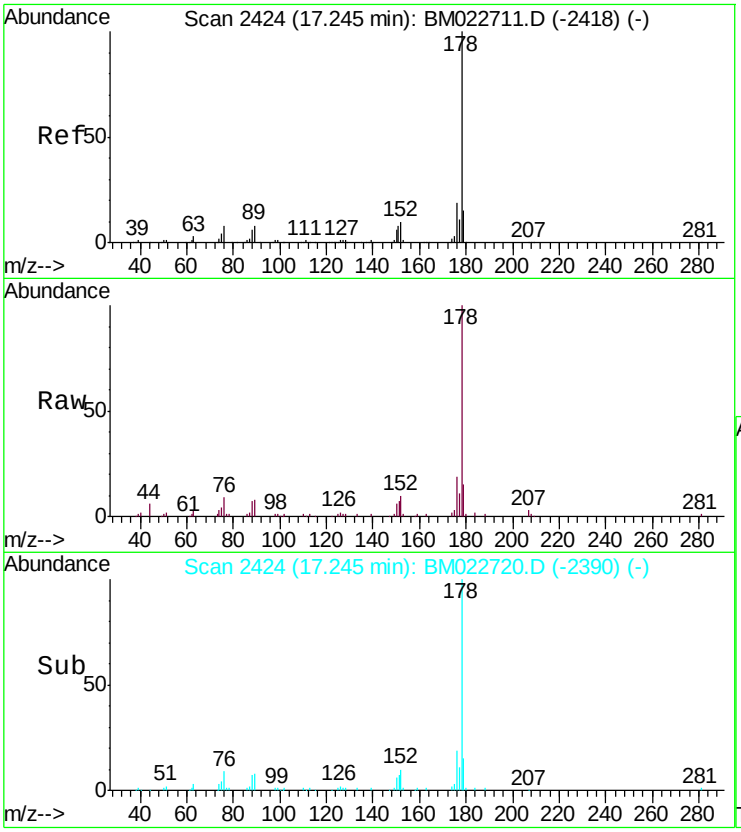


#59
Fluorene
Concen: 1.536 ng/ul
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM022720.D
Acq: 18 Sep 2019 18:03

Tgt Ion:166 Resp: 71397

Ion	Ratio	Lower	Upper
166	100		
165	94.6	77.8	116.8
167	14.0	10.9	16.3





#70
Phenanthrene
Concen: 1.515 ng/ul
RT: 17.24 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BM022720.D
Acq: 18 Sep 2019 18:03

Instrument :
BNA_M
ClientSampleId :
BF575DL2

Tgt Ion:178 Resp: 113990

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.0	18.0
176	18.8	15.4	23.0