Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026110.D
Acq On : 26 May 2020 12:36
Operator : MA/SJ
Sample : L2737-10DL2 250X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9B12DL2

Manual Integrations APPROVED
mohammad
5/27/2020 11:46:47 AM

Quant Time: May 26 13:16:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	121755	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	496315	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	296267	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	643755	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	681308	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	705164	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.69	99	386	0.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	1069	0.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	1104	0.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	588	0.07	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	598	0.15	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	9.89	165	1153	0.14	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.56	166	3820	0.16	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	4047	0.14	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.13	176	3345	0.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	19.28	212	5998	0.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
6) Phenol	6.71	94	215863	17.43	ng/ul	98
11) 2-Methylphenol	7.94	108	114358	13.41	ng/ul	99
16) 4-Methylphenol	8.26	108	179226	19.32	ng/ul	93
24) 2,4-Dimethylphenol	9.46	107	119382m	10.74	ng/ul	
28) Naphthalene	10.30	128	1223477	40.32	ng/ul	99
34) 2-Methylnaphthalene	11.92	142	33913	1.66	ng/ul	98
50) Acenaphthene	14.20	153	29487	1.35	ng/ul	99
75) Carbazole	17.29	167	54526	1.62	ng/ul	100

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

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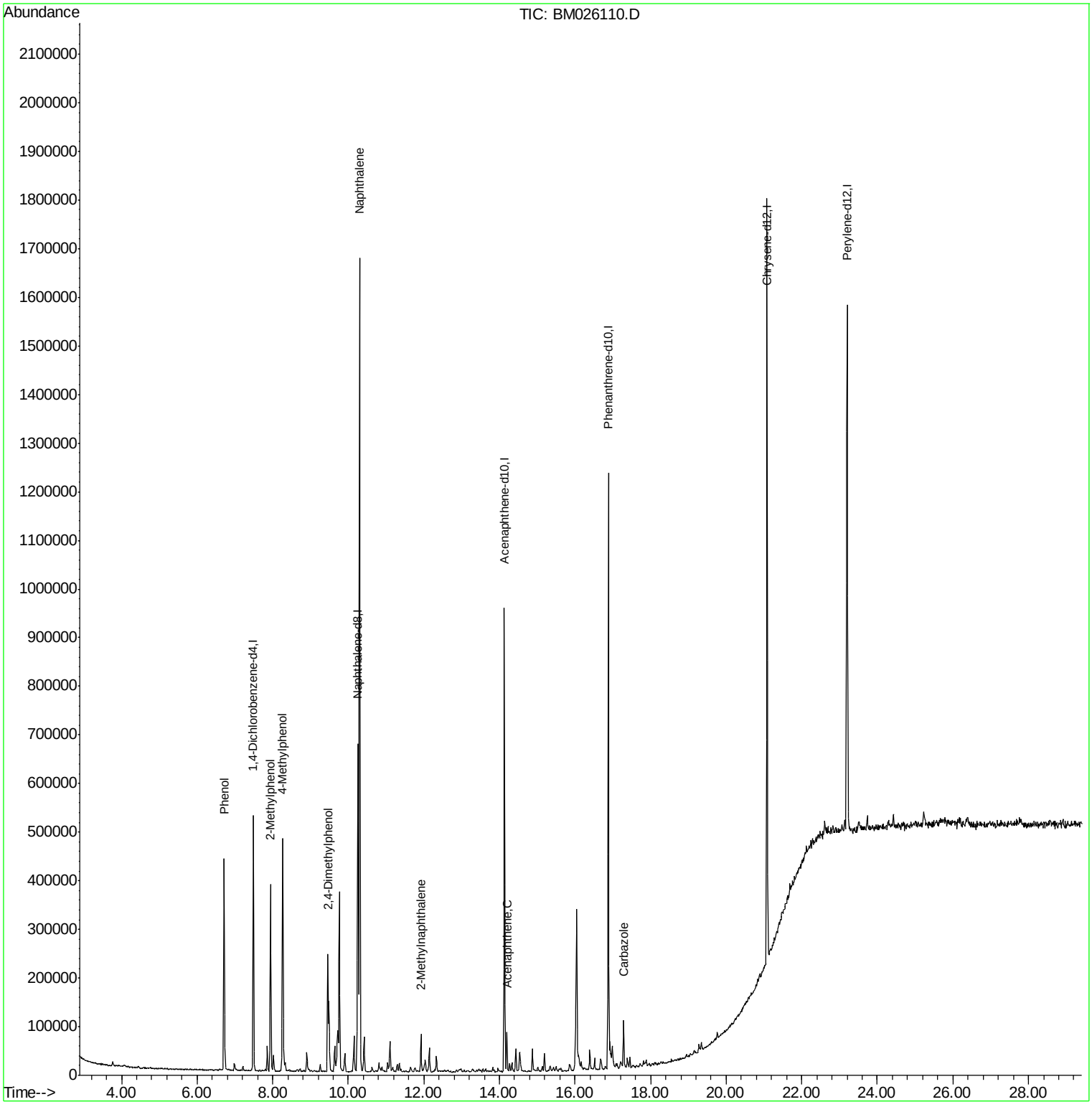
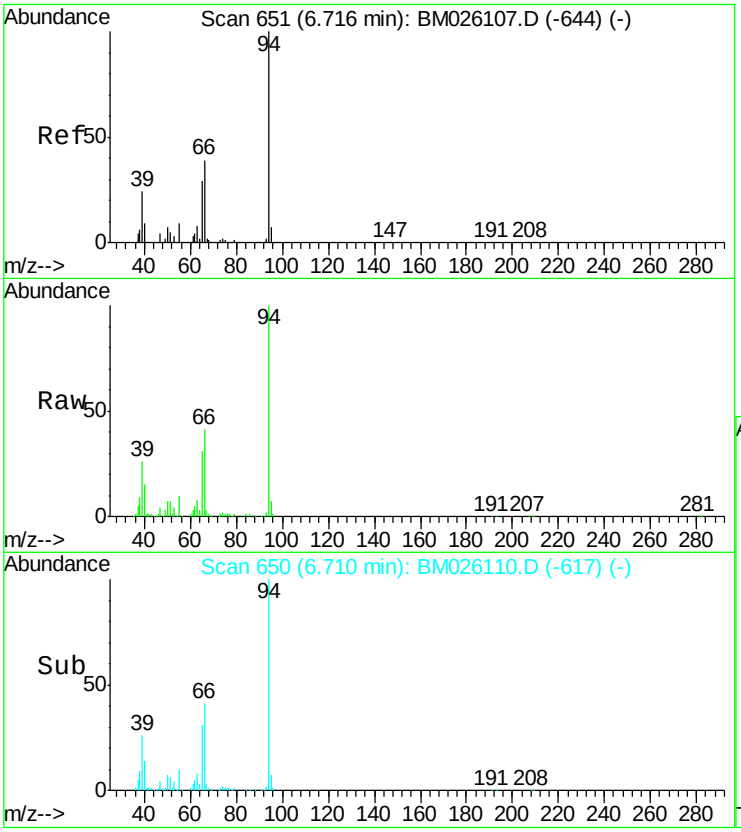
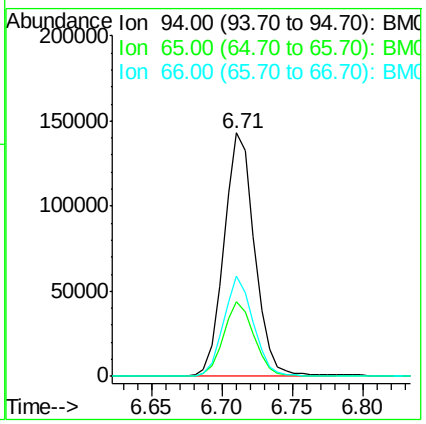




#6
Phenol
Concen: 17.43 ng/ul
RT: 6.71 min Scan# 650
Delta R.T. -0.01 min
Lab File: BM026110.D
Acq: 26 May 2020 12:36

Tgt Ion: 94 Resp: 215863

Ion	Ratio	Lower	Upper
94	100		
65	30.5	25.8	38.8
66	41.0	33.3	49.9



Instrument :
BNA_M
ClientSampleId :
F9B12DL2

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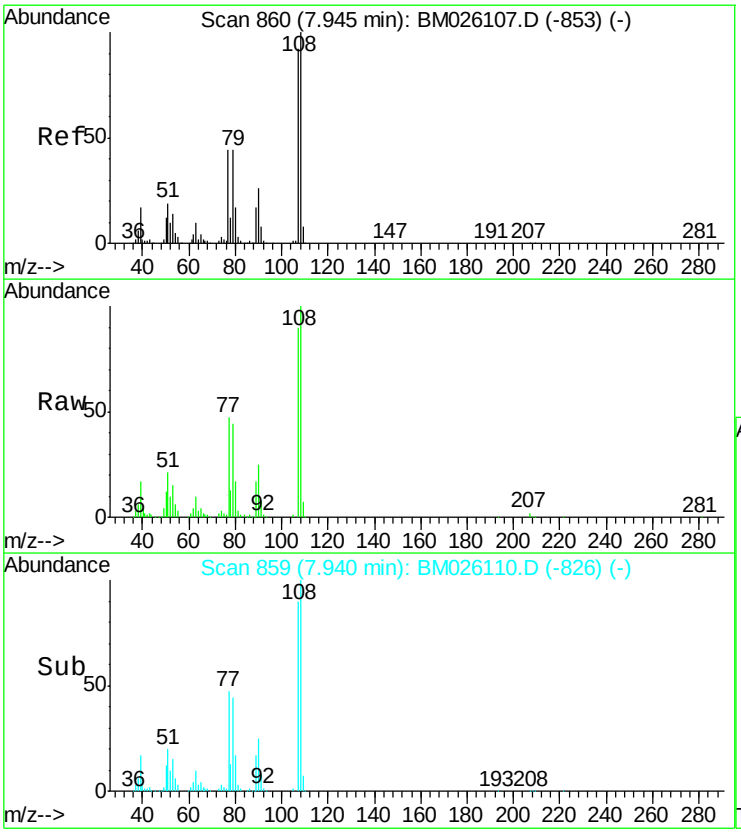
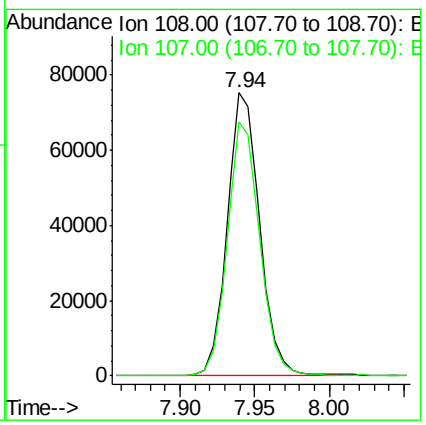
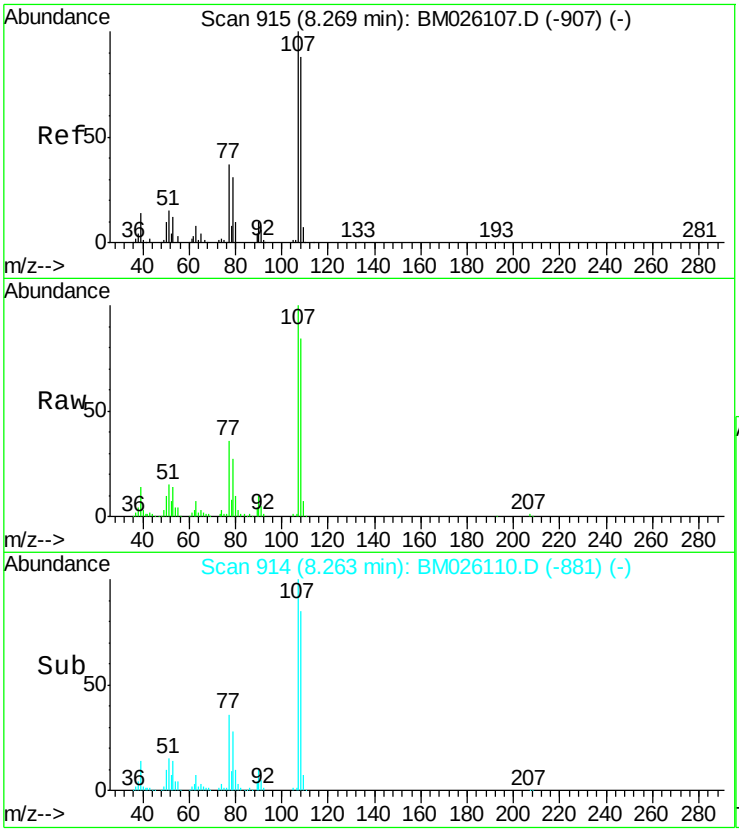


#11
2-Methylphenol
Concen: 13.41 ng/ul
RT: 7.94 min Scan# 859
Delta R.T. -0.01 min
Lab File: BM026110.D
Acq: 26 May 2020 12:36

Tgt Ion:108 Resp: 114358

Ion	Ratio	Lower	Upper
108	100		
107	89.8	72.3	108.5

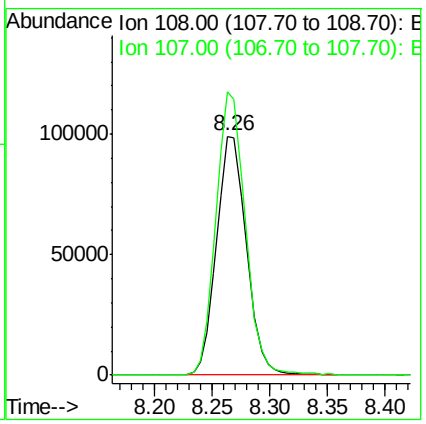




#16
4-Methylphenol
Concen: 19.32 ng/ul
RT: 8.26 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM026110.D
Acq: 26 May 2020 12:36

Tgt Ion:108 Resp: 179226

Ion	Ratio	Lower	Upper
108	100		
107	118.4	88.6	132.8



Instrument :
BNA_M
ClientSampleId :
F9B12DL2

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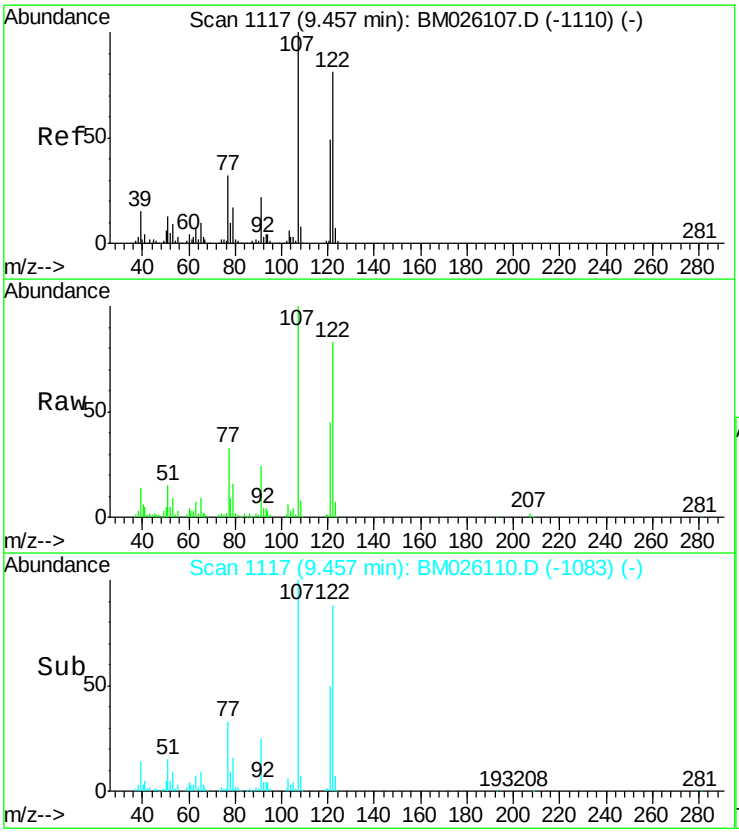
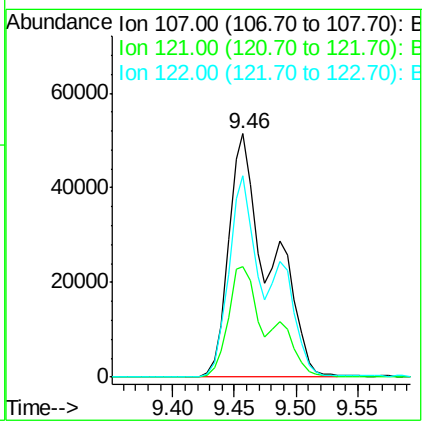
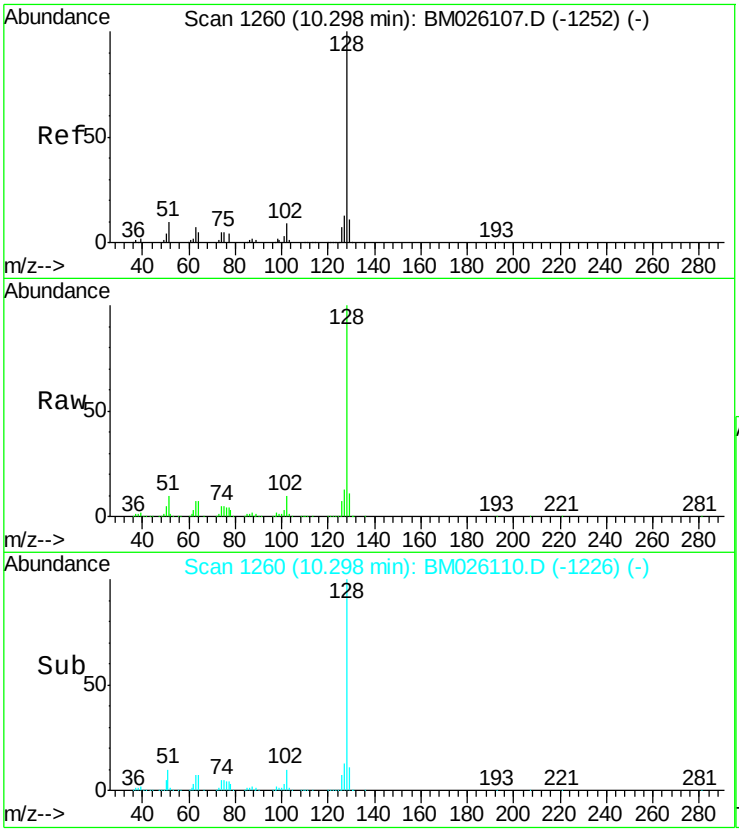


#24
2,4-Dimethylphenol
Concen: 10.74 ng/ul m
RT: 9.46 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BM026110.D
Acq: 26 May 2020 12:36

Tgt Ion:107 Resp: 119382

Ion	Ratio	Lower	Upper
107	100		
121	45.4	37.5	56.3
122	82.9	63.8	95.6

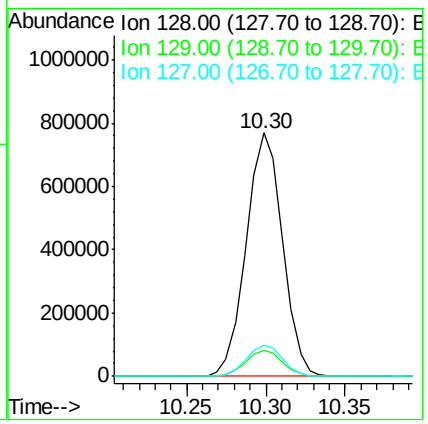




#28
Naphthalene
Concen: 40.32 ng/ul
RT: 10.30 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BM026110.D
Acq: 26 May 2020 12:36

Tgt Ion:128 Resp: 1223477

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	12.9	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
F9B12DL2

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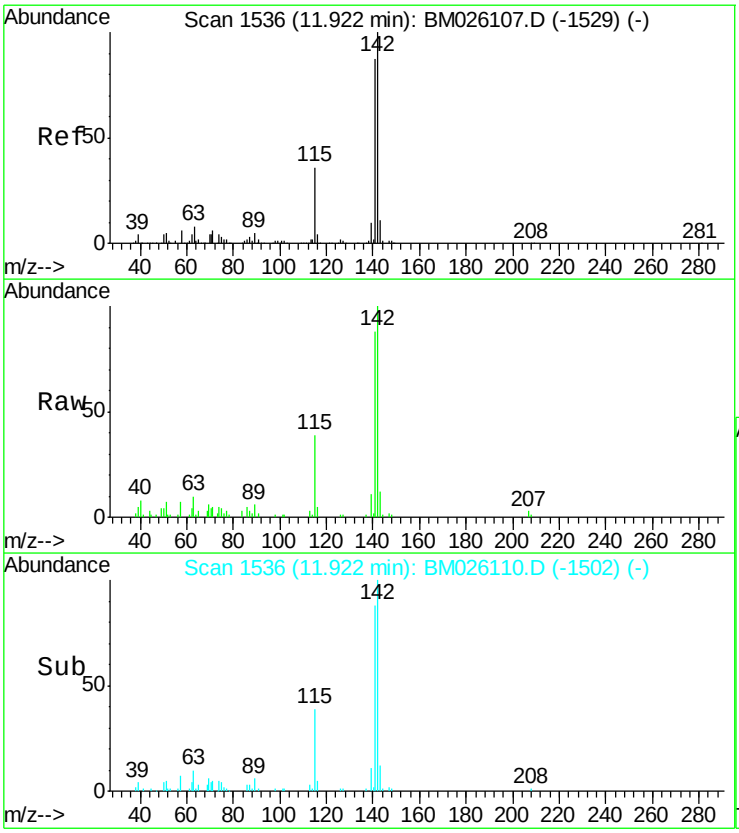
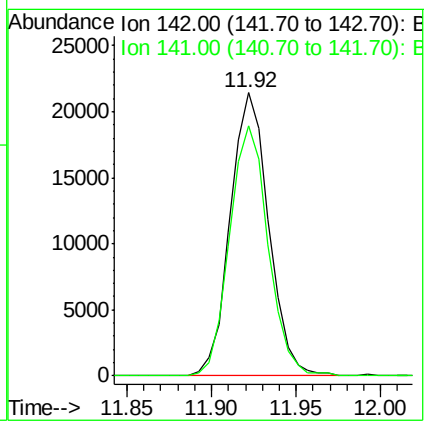
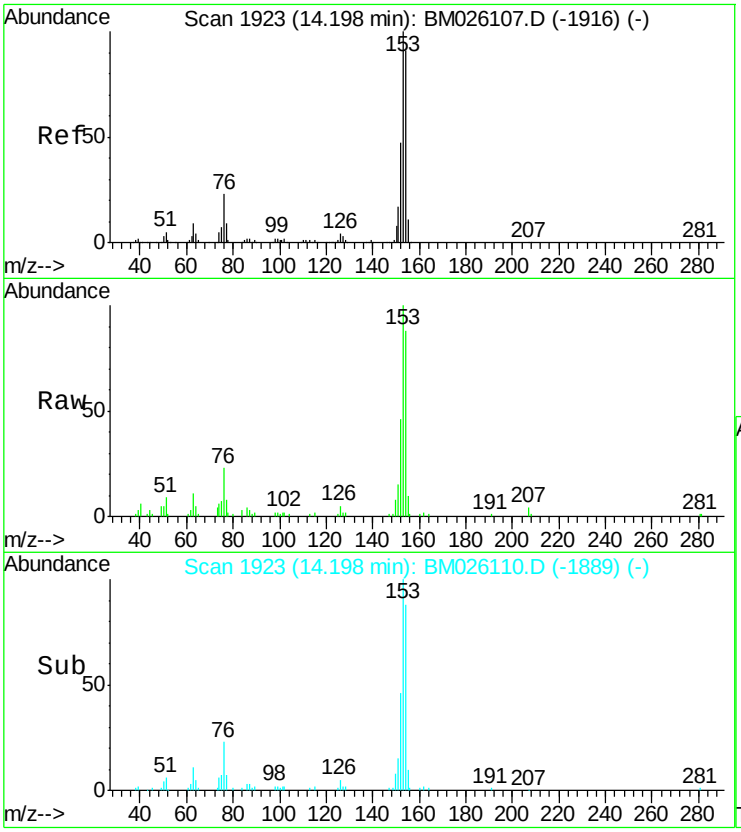


#34
2-Methylnaphthalene
Concen: 1.66 ng/ul
RT: 11.92 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BM026110.D
Acq: 26 May 2020 12:36

Tgt Ion:142 Resp: 33913

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.8	107.6

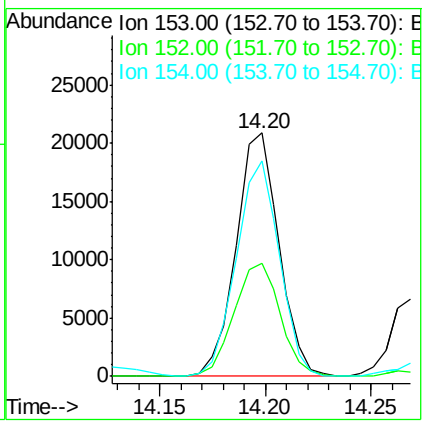




#50
Acenaphthene
Concen: 1.35 ng/ul
RT: 14.20 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BM026110.D
Acq: 26 May 2020 12:36

Tgt Ion:153 Resp: 29487

Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.2	55.8
154	88.4	69.8	104.8



Instrument :
BNA_M
ClientSampleId :
F9B12DL2

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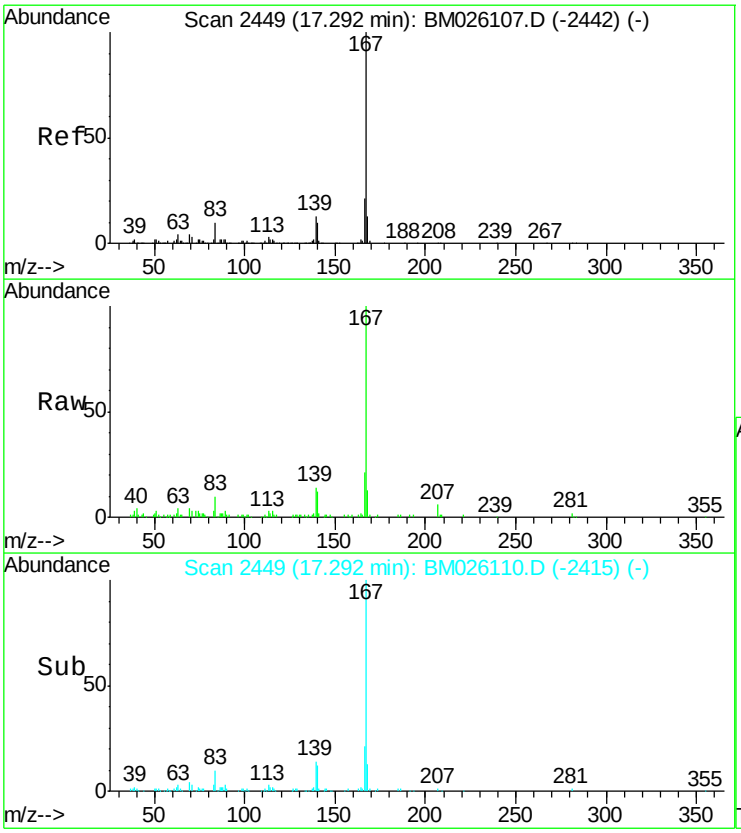

#75
Carbazole
Concen: 1.62 ng/ul
RT: 17.29 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BM026110.D
Acq: 26 May 2020 12:36

Tgt Ion:167 Resp: 54526

Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.6	25.0
139	13.9	10.8	16.2