Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052620\
Data File : BM026120.D
Acq On : 26 May 2020 18:45
Operator : MA/SJ
Sample : L2737-01DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 27 03:23:35 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	146216	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	603470	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	358334	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	759164	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	795785	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	833085	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	11031	2.28	ng/uL	0.00
5) Phenol-d5	6.69	99	49655	3.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	132793	14.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	127708	12.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	89989	9.00	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	73462	14.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	74998	15.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	143146	14.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	12856	1.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	492979	17.16	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	548111	16.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	14543	2.86	ng/ul	0.00
58) Fluorene-d10	15.13	176	424171	16.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	57879	13.08	ng/ul	0.00
71) Anthracene-d10	16.98	188	656004	17.54	ng/ul	0.00
79) Pyrene-d10	19.28	212	749516	18.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	786984	17.75	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.30	128	1745700	47.312	ng/ul	100
30) 4-Chloroaniline	10.30	127	228156	22.038	ng/ul#	9
34) 2-Methylnaphthalene	11.92	142	90783	3.658	ng/ul	97
35) 1-Methylnaphthalene	12.15	142	58061	2.522	ng/ul	96
45) Dimethylphthalate	13.60	163	77590	2.572	ng/ul	98
50) Acenaphthene	14.20	153	136411	5.175	ng/ul	97
54) Dibenzofuran	14.53	168	104975	2.834	ng/ul	99
59) Fluorene	15.19	166	85231	2.844	ng/ul	98
70) Phenanthrene	16.92	178	238886	4.995	ng/ul	99
75) Carbazole	17.29	167	110892	2.794	ng/ul	99
77) Fluoranthene	18.94	202	70803	1.411	ng/ul	99

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

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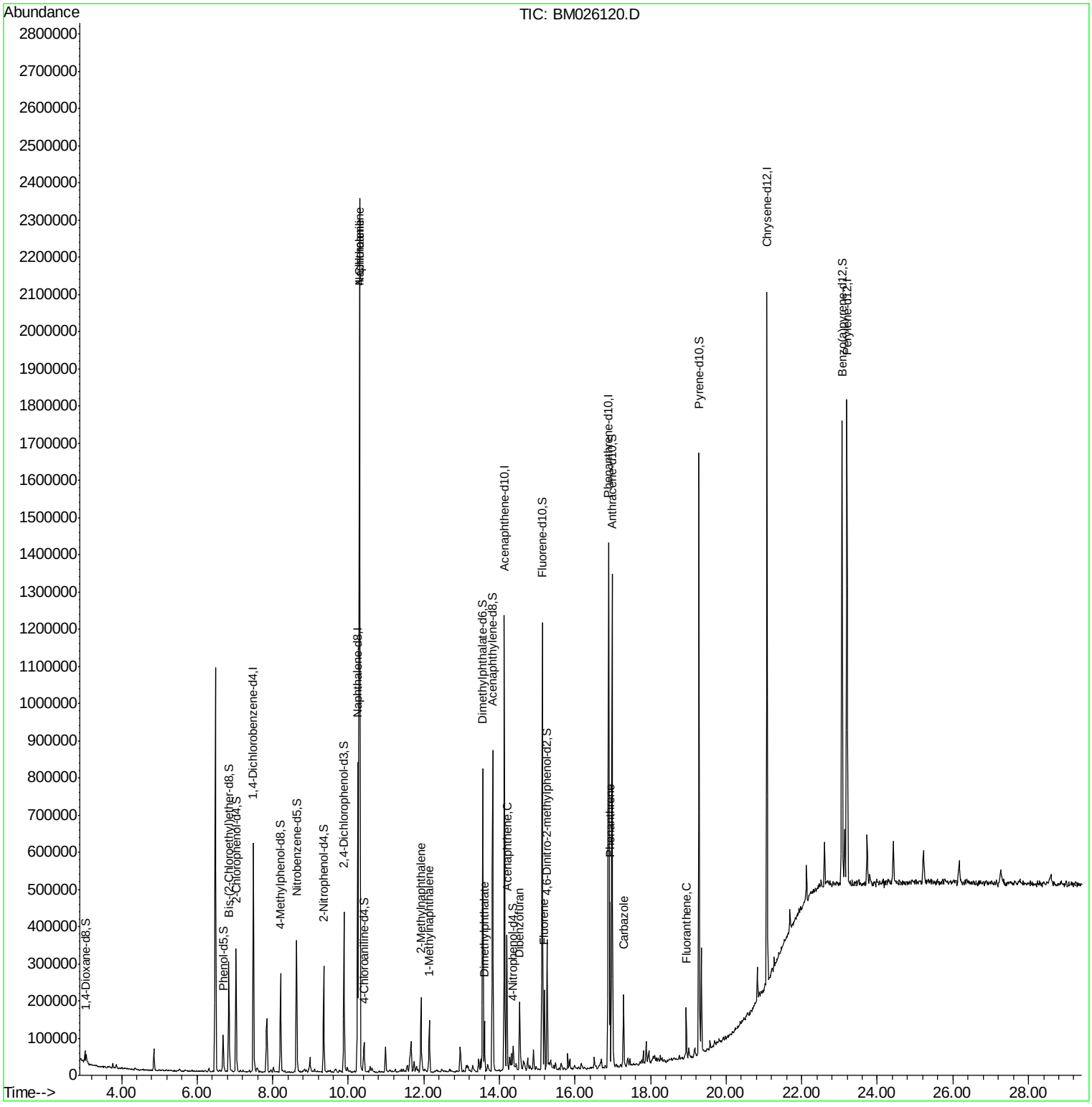
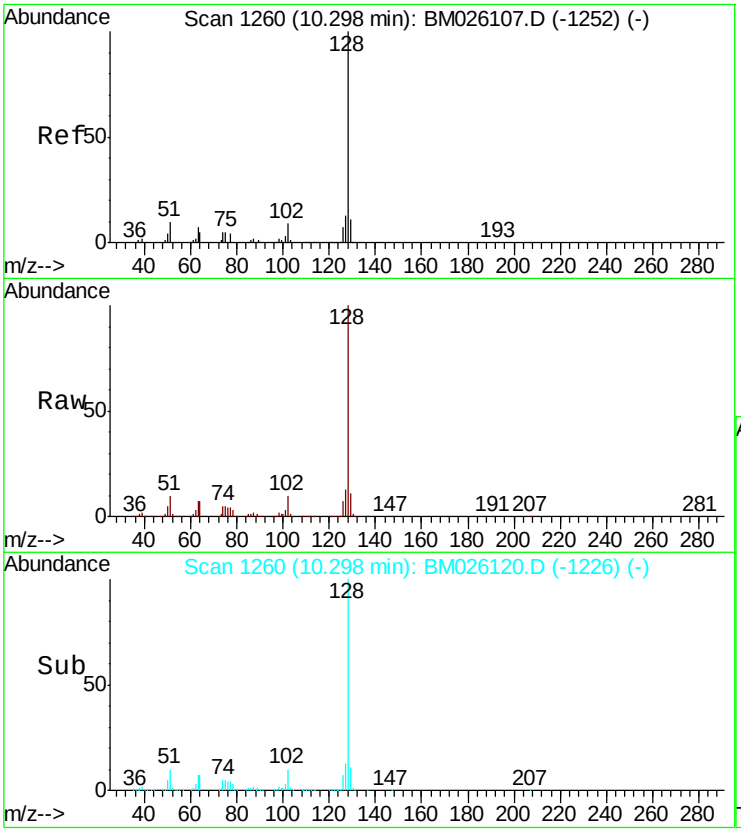
Acq On : 26 May 2020 18:45
Operator : MA/SJ
Sample : L2737-01DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 27 03:23:35 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



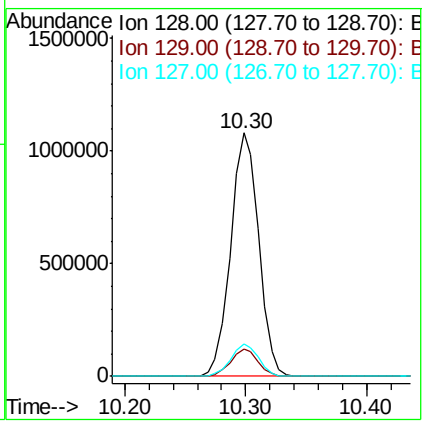


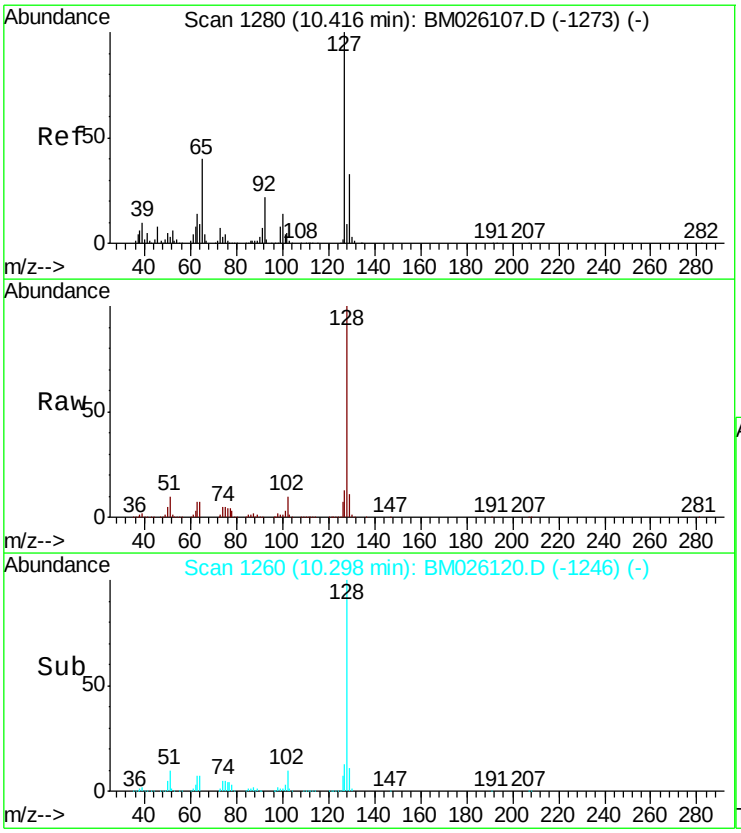
#28
Naphthalene
Concen: 47.312 ng/ul
RT: 10.30 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BM026120.D
Acq: 26 May 2020 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 1745700

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.1	10.6	15.8

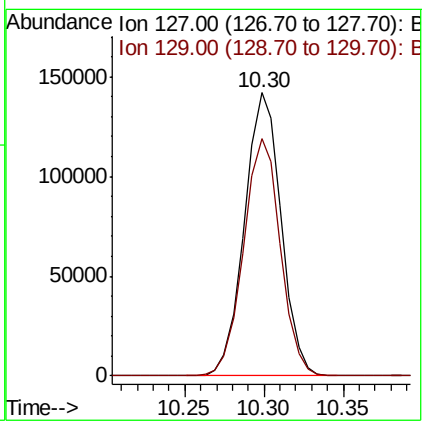


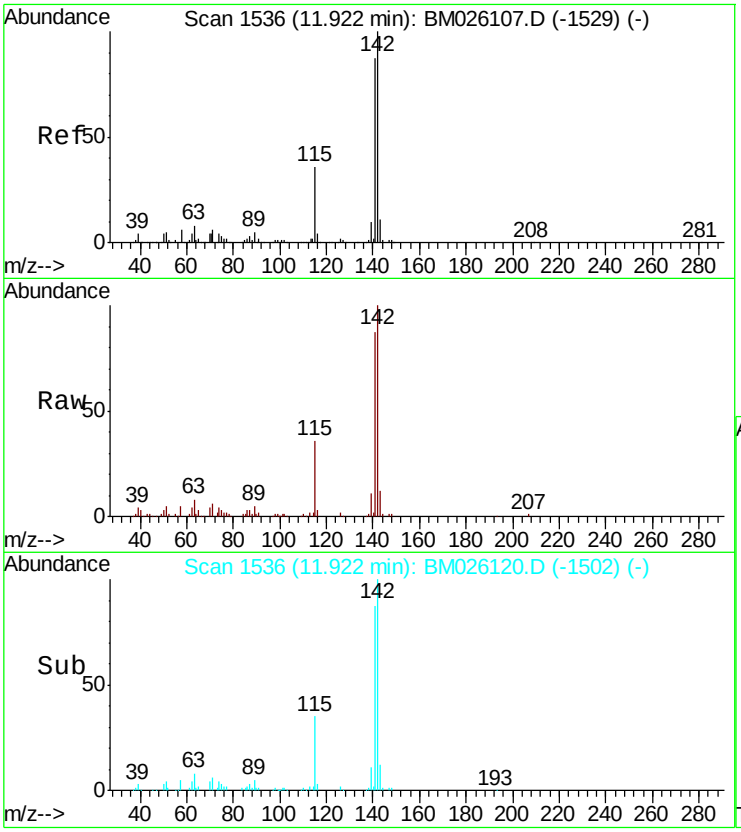


#30
4-Chloroaniline
Concen: 22.038 ng/ul
RT: 10.30 min Scan# 1260
Delta R.T. -0.12 min
Lab File: BM026120.D
Acq: 26 May 2020 18:45

Tgt Ion:127 Resp: 228156

Ion	Ratio	Lower	Upper
127	100		
129	83.7	26.2	39.2#



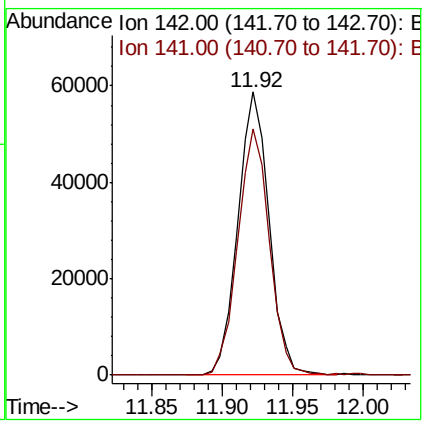


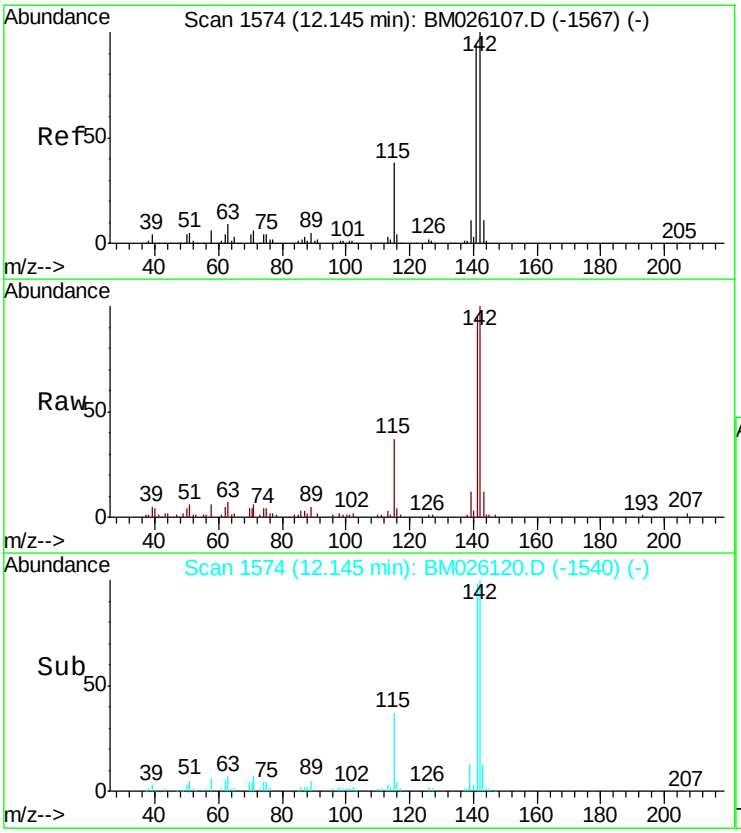
#34
2-Methylnaphthalene
Concen: 3.658 ng/ul
RT: 11.92 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BM026120.D
Acq: 26 May 2020 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 90783

Ion	Ratio	Lower	Upper
142	100		
141	86.9	71.8	107.6

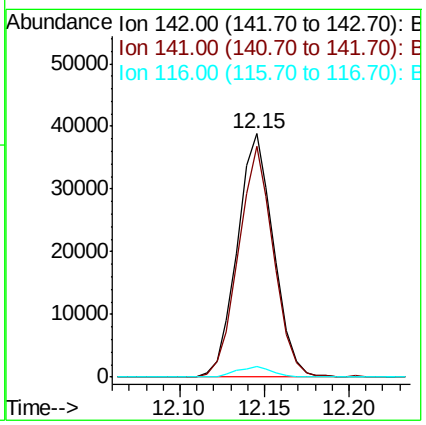


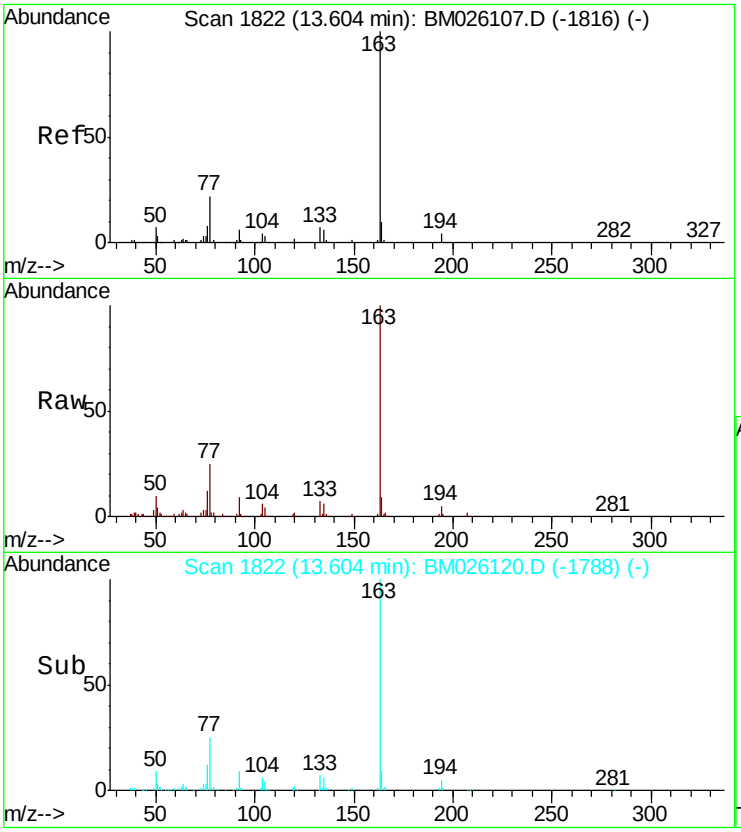


#35
1-Methylnaphthalene
Concen: 2.522 ng/ul
RT: 12.15 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BM026120.D
Acq: 26 May 2020 18:45

Tgt Ion:142 Resp: 58061

Ion	Ratio	Lower	Upper
142	100		
141	94.7	73.0	109.4
116	4.3	3.3	4.9



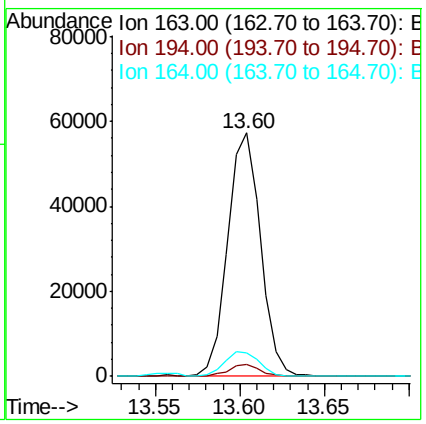


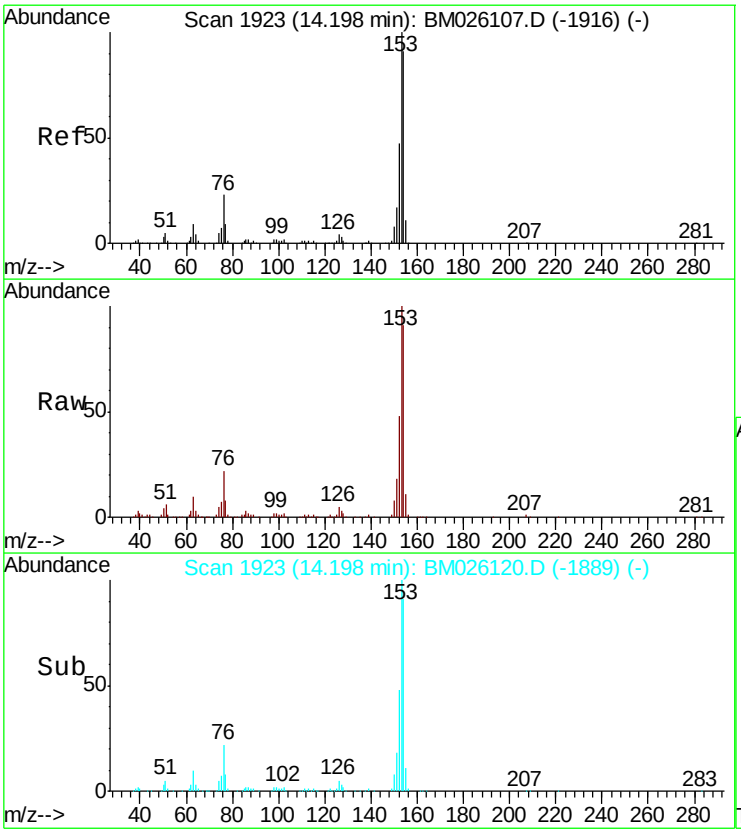
#45
Dimethylphthalate
Concen: 2.572 ng/ul
RT: 13.60 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM026120.D
Acq: 26 May 2020 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 77590

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.2	4.8
164	9.5	8.0	12.0

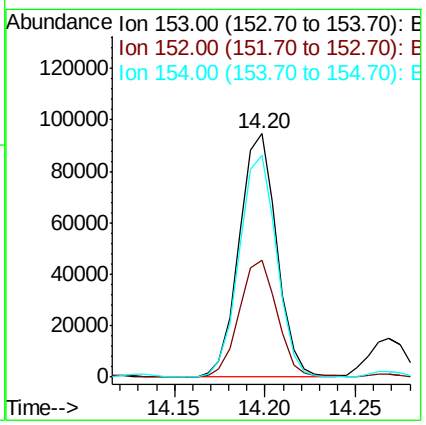


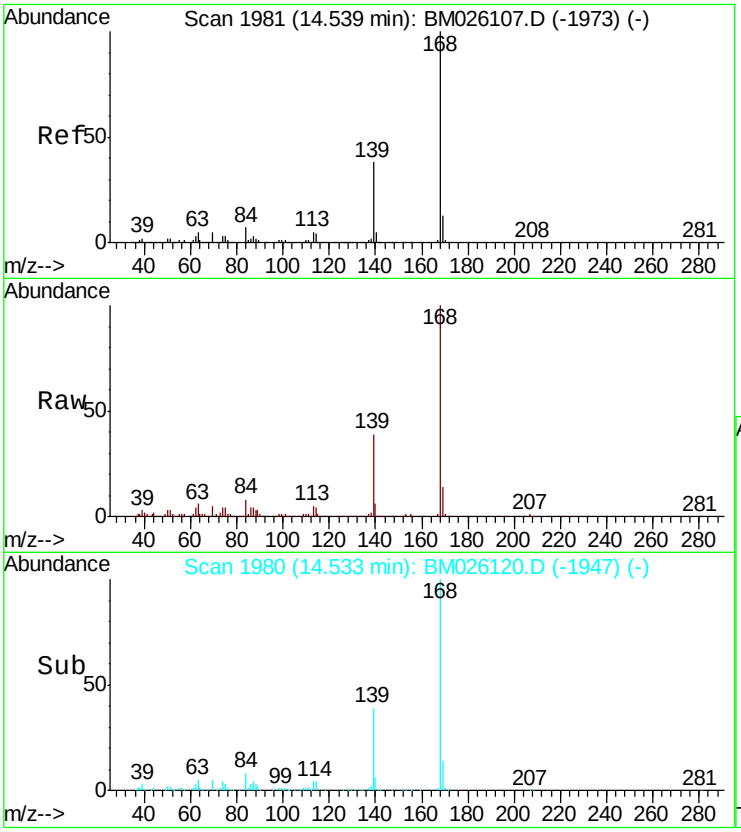


#50
Acenaphthene
Concen: 5.175 ng/ul
RT: 14.20 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BM026120.D
Acq: 26 May 2020 18:45

Tgt Ion:153 Resp: 136411

Ion	Ratio	Lower	Upper
153	100		
152	48.2	37.2	55.8
154	90.9	69.8	104.8



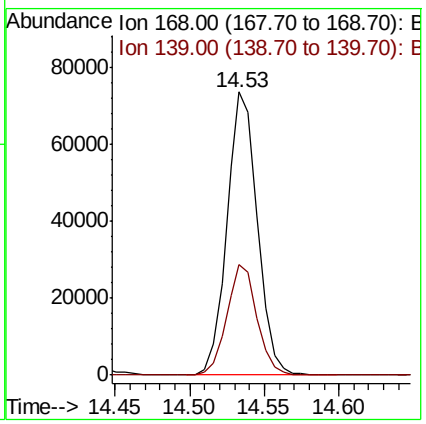


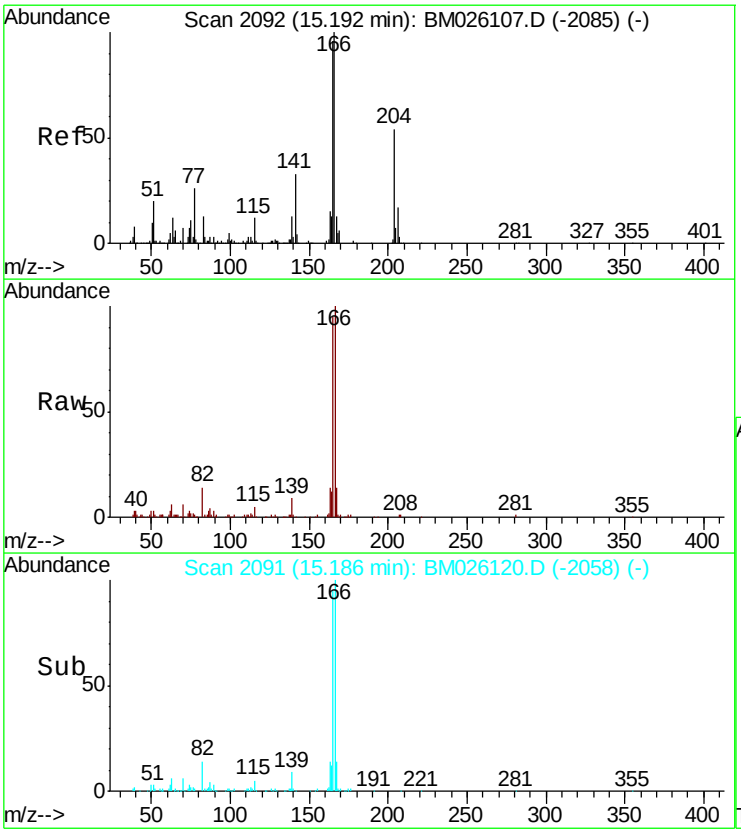
#54
Dibenzofuran
Concen: 2.834 ng/ul
RT: 14.53 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM026120.D
Acq: 26 May 2020 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 104975

Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.7	46.1

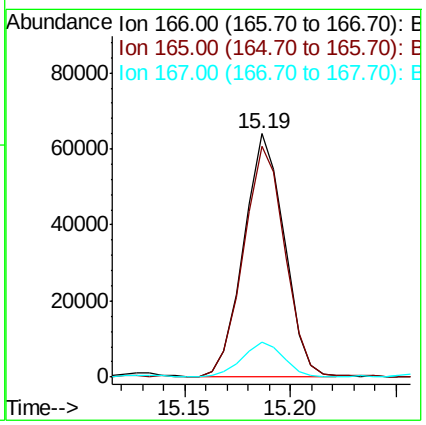


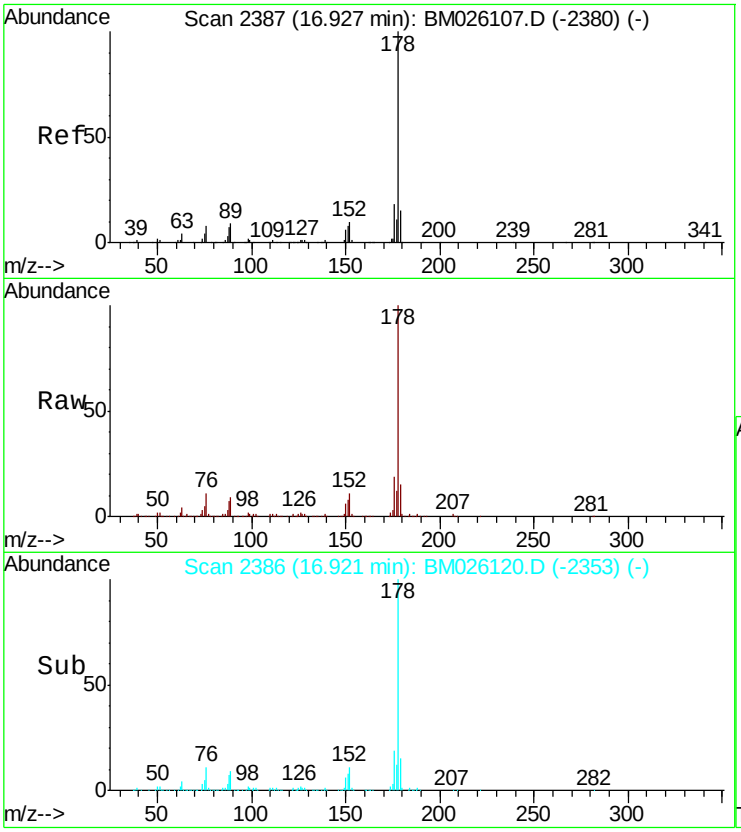


#59
Fluorene
Concen: 2.844 ng/ul
RT: 15.19 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BM026120.D
Acq: 26 May 2020 18:45

Tgt Ion:166 Resp: 85231

Ion	Ratio	Lower	Upper
166	100		
165	94.8	77.3	115.9
167	14.2	10.6	16.0



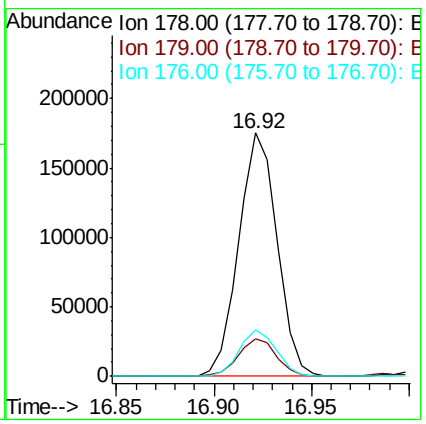


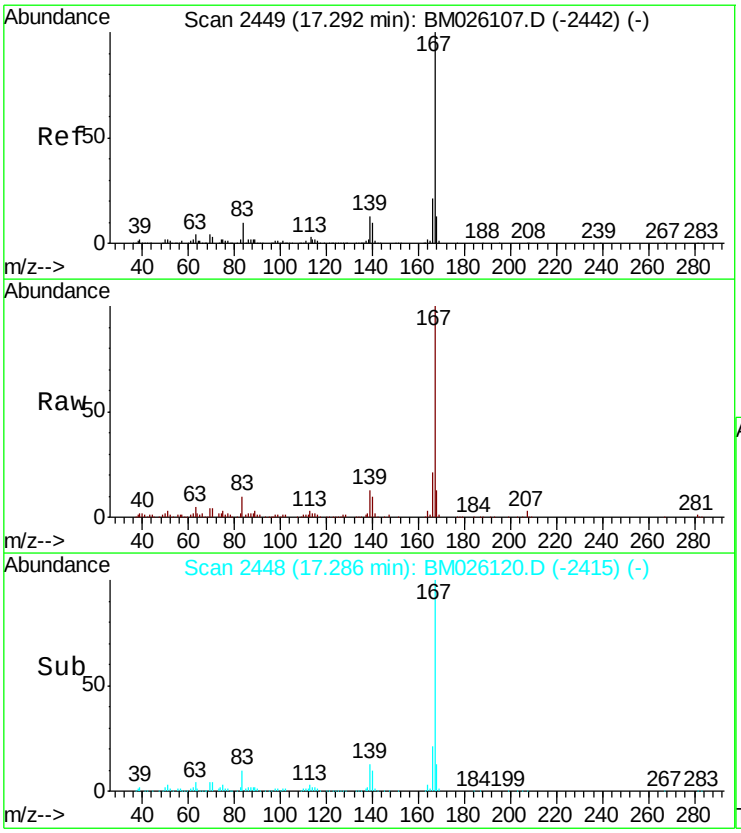
#70
Phenanthrene
Concen: 4.995 ng/ul
RT: 16.92 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM026120.D
Acq: 26 May 2020 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 238886

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.9	17.9
176	19.1	14.9	22.3

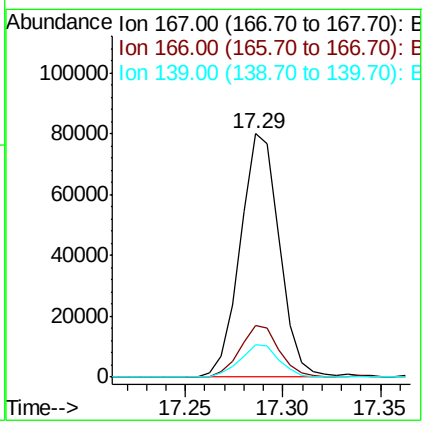


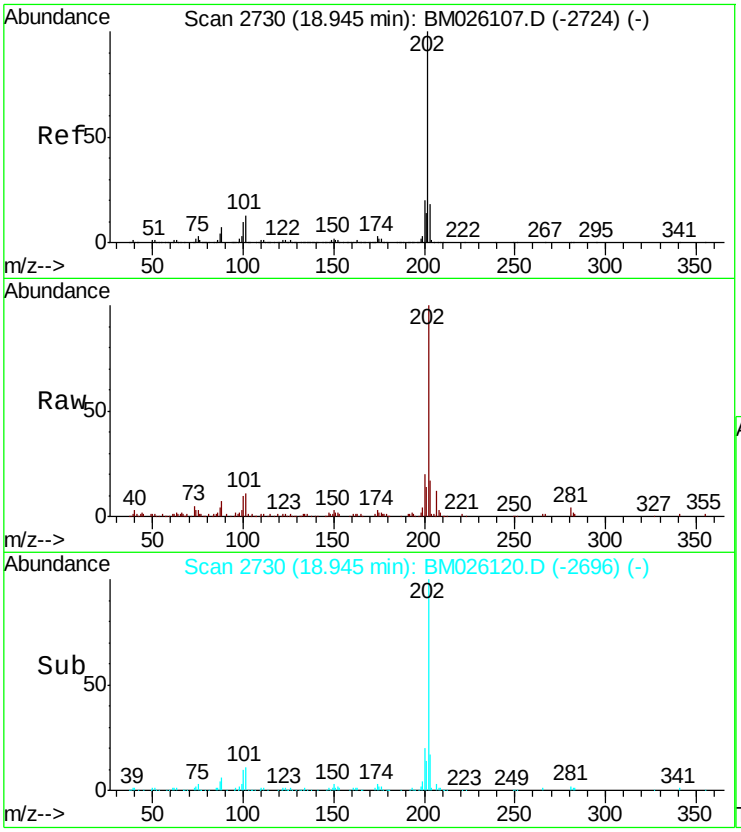


#75
Carbazole
Concen: 2.794 ng/ul
RT: 17.29 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BM026120.D
Acq: 26 May 2020 18:45

Tgt Ion:167 Resp: 110892

Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.6	25.0
139	13.1	10.8	16.2





#77
Fluoranthene
Concen: 1.411 ng/ul
RT: 18.94 min Scan# 2730
Delta R.T. 0.00 min
Lab File: BM026120.D
Acq: 26 May 2020 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 70803

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.5	14.3
100	9.8	7.6	11.4