Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026094.D
Acq On : 23 May 2020 00:01
Operator : MA/SJ
Sample : L2737-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 23 01:43:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	209323	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	855650	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	515463	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1069664	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	1100220	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1162103	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	33646	4.85	ng/uL	0.00
5) Phenol-d5	6.68	99	186157	9.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	447671	34.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	430583	28.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	310634	21.71	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	259366	37.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	270171	39.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	457774	33.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	22171	1.58	ng/ul	0.01
44) Dimethylphthalate-d6	13.56	166	1444235	34.94	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1714561	35.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	70711	9.66	ng/ul	0.00
58) Fluorene-d10	15.14	176	1243283	34.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	222618	35.69	ng/ul	0.00
71) Anthracene-d10	16.99	188	1930269	36.62	ng/ul	0.00
79) Pyrene-d10	19.29	212	2123153	37.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	2238756	36.19	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	8.59	117	24440	3.517	ng/ul#	10
28) Naphthalene	10.30	128	4565231	87.262	ng/ul	99
34) 2-Methylnaphthalene	11.92	142	108745	3.090	ng/ul	94
35) 1-Methylnaphthalene	12.15	142	3898035	119.402	ng/ul	100
41) 1,1'-Biphenyl	12.96	154	109159	2.387	ng/ul	97
45) Dimethylphthalate	13.61	163	177179	4.083	ng/ul	99
48) Acenaphthylene	13.85	152	229613	4.271	ng/ul#	92
50) Acenaphthene	14.22	153	13683916	360.889	ng/ul	97
54) Dibenzofuran	14.55	168	10612212	199.152	ng/ul	98
59) Fluorene	15.20	166	6798343	157.714	ng/ul	99
61) 4-Nitroaniline	15.20	138	79100	8.933	ng/ul#	16
70) Phenanthrene	16.93	178	6580551	97.665	ng/ul	99
72) Anthracene	17.02	178	431129	6.378	ng/ul	98
75) Carbazole	17.30	167	5881608	105.170	ng/ul	99
77) Fluoranthene	18.95	202	1043830	14.769	ng/ul	100
80) Pyrene	19.31	202	538298	6.969	ng/ul	98

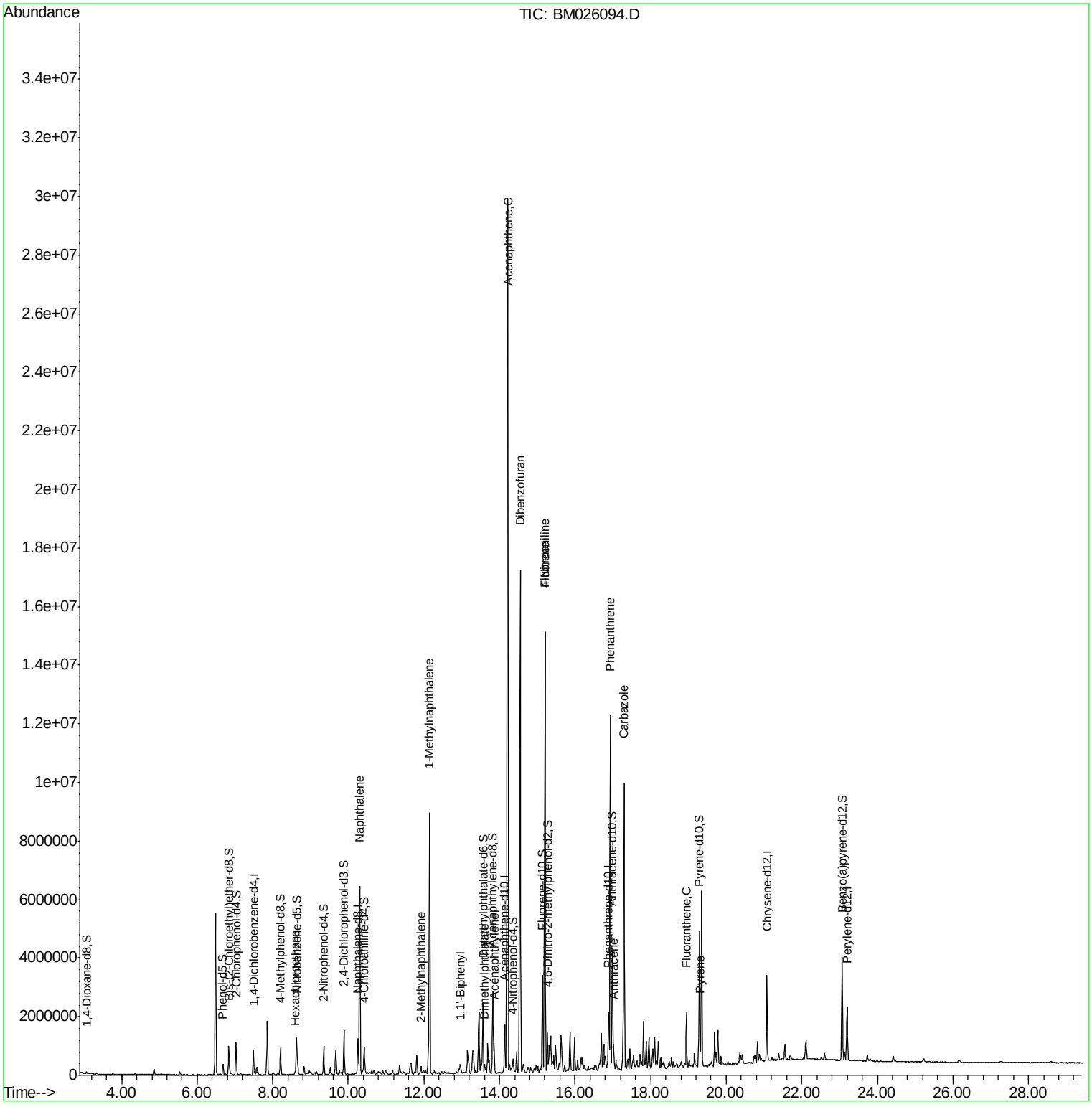
(#) = qualifier out of range (m) = manual integration (+) = signals summed

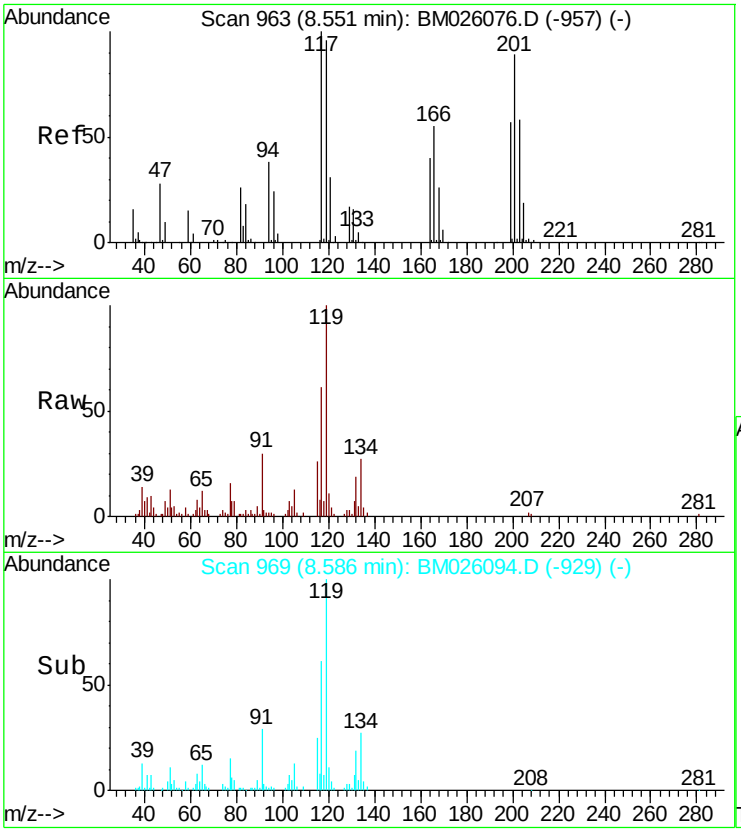
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026094.D
Acq On : 23 May 2020 00:01
Operator : MA/SJ
Sample : L2737-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 23 01:43:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration



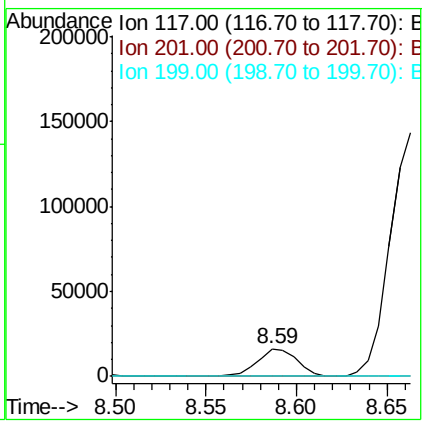


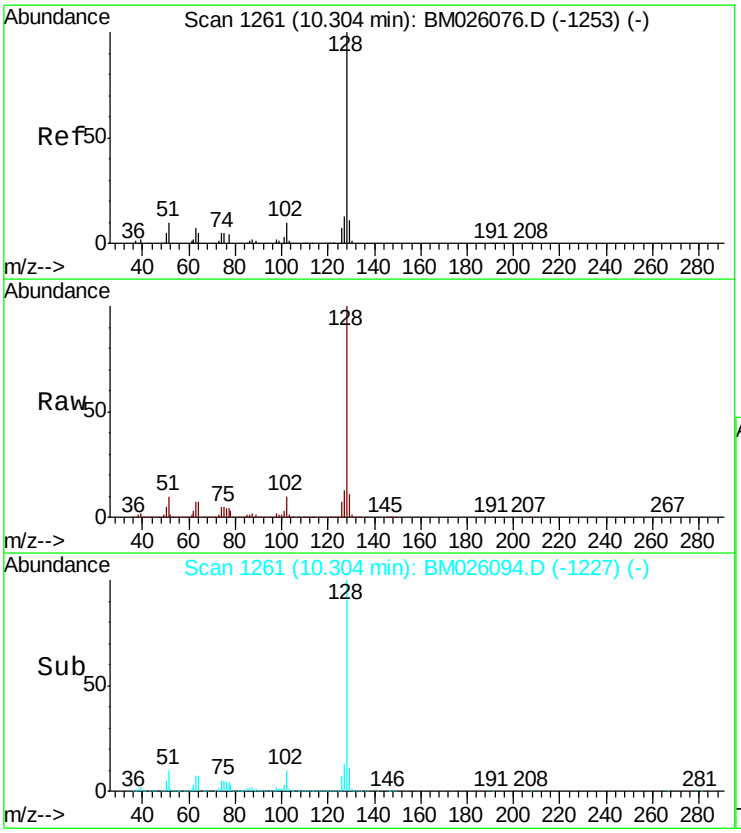
#17
Hexachloroethane
Concen: 3.517 ng/ul
RT: 8.59 min Scan# 969
Delta R.T. 0.04 min
Lab File: BM026094.D
Acq: 23 May 2020 00:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 24440

Ion	Ratio	Lower	Upper
117	100		
201	0.0	74.5	111.7#
199	0.0	45.9	68.9#

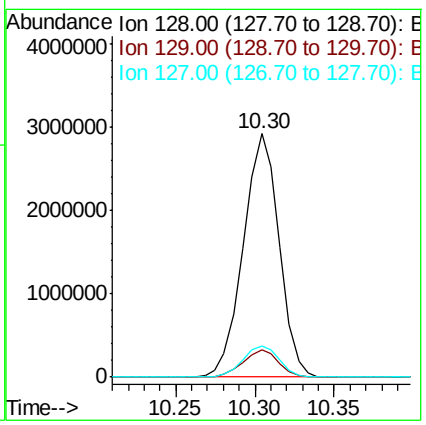


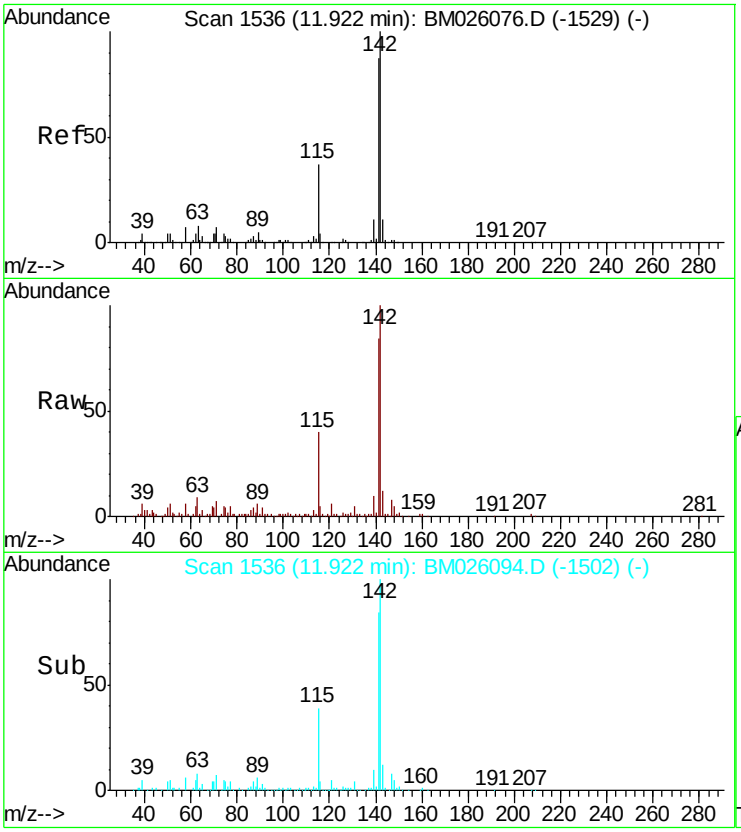


#28
Naphthalene
Concen: 87.262 ng/ul
RT: 10.30 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM026094.D
Acq: 23 May 2020 00:01

Tgt Ion:128 Resp: 4565231

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.0	10.6	15.8



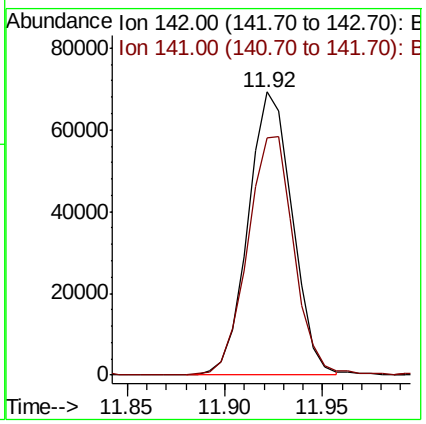


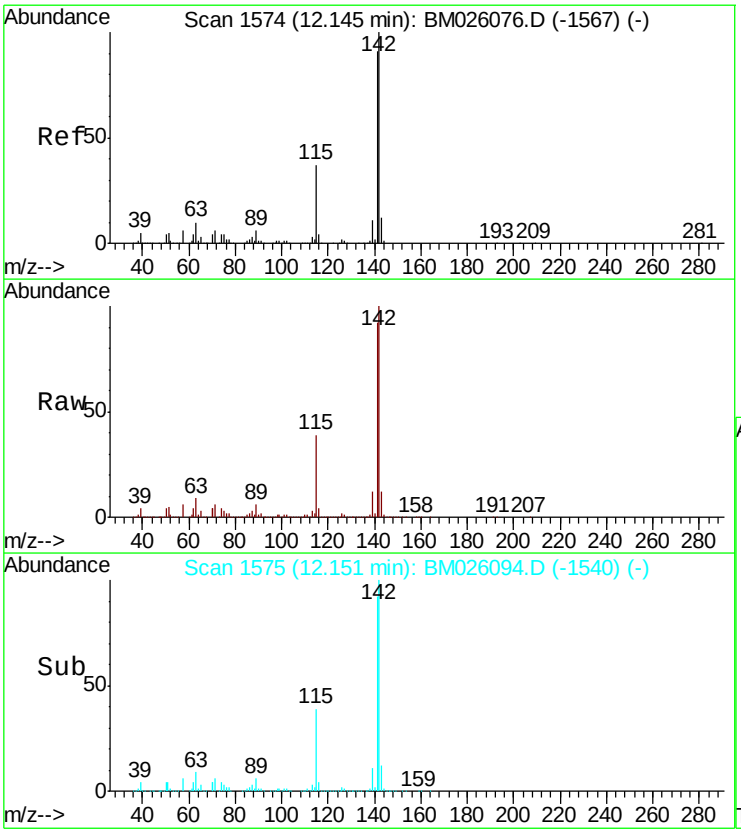
#34
2-Methylnaphthalene
Concen: 3.090 ng/ul
RT: 11.92 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BM026094.D
Acq: 23 May 2020 00:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 108745

Ion	Ratio	Lower	Upper
142	100		
141	83.9	71.8	107.6

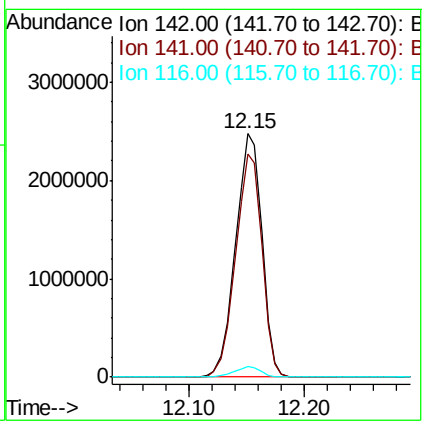


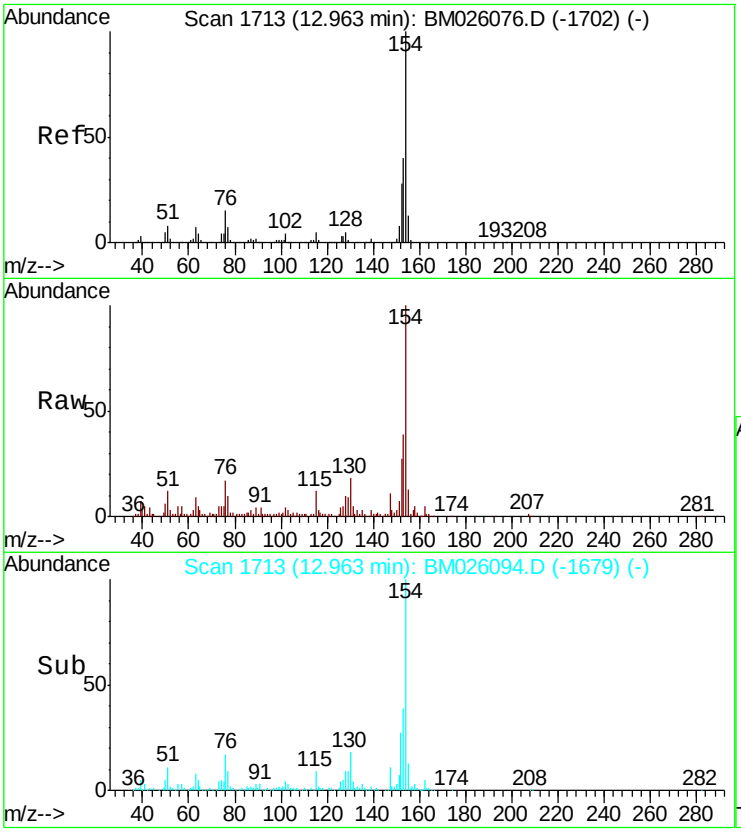


#35
1-Methylnaphthalene
Concen: 119.402 ng/ul
RT: 12.15 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BM026094.D
Acq: 23 May 2020 00:01

Tgt Ion:142 Resp: 3898035

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.0	109.4
116	4.2	3.3	4.9



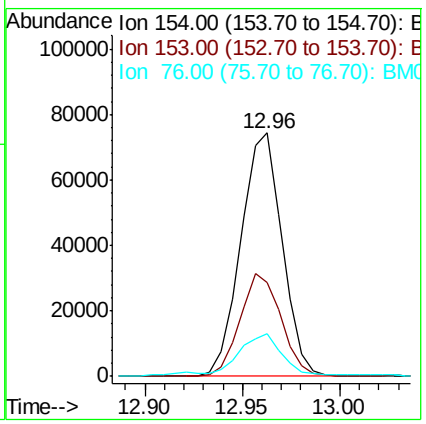


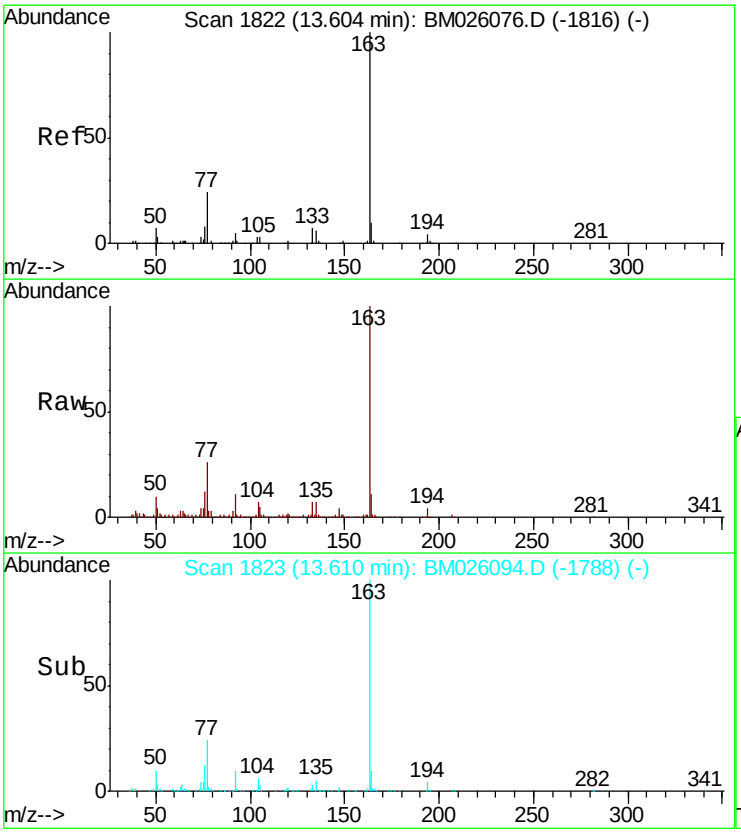
#41
1,1'-Biphenyl
Concen: 2.387 ng/ul
RT: 12.96 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BM026094.D
Acq: 23 May 2020 00:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 109159

Ion	Ratio	Lower	Upper
154	100		
153	38.7	32.3	48.5
76	17.4	13.0	19.6

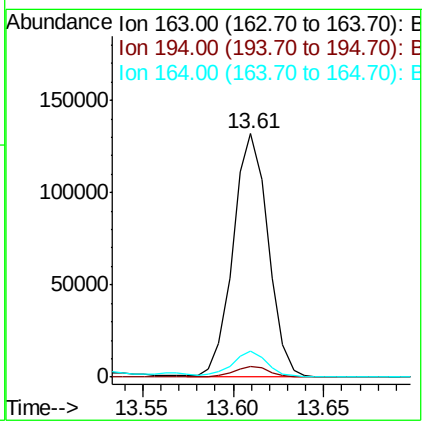


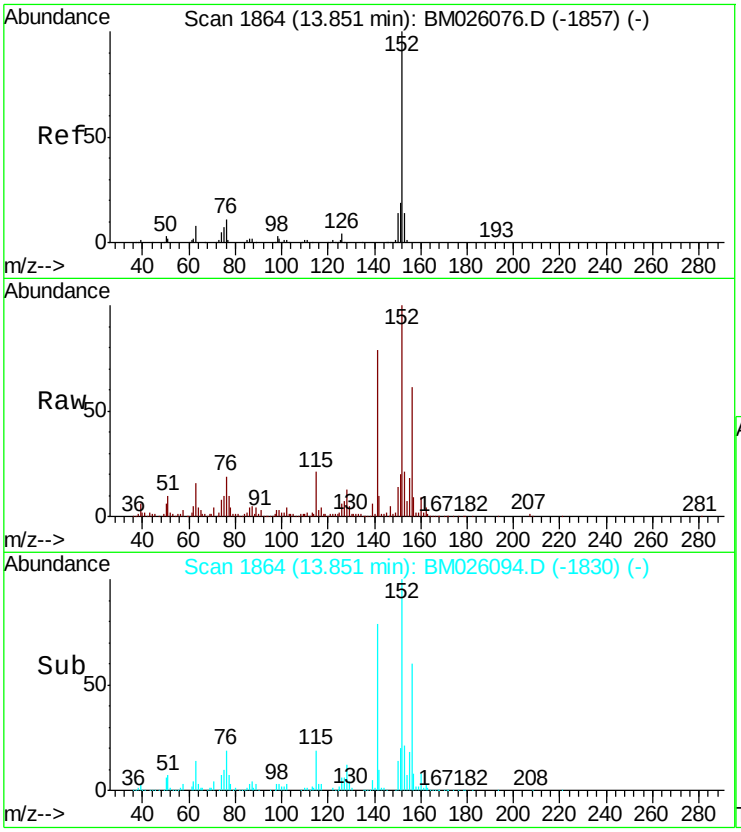


#45
Dimethylphthalate
Concen: 4.083 ng/ul
RT: 13.61 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BM026094.D
Acq: 23 May 2020 00:01

Tgt Ion:163 Resp: 177179

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.6	8.0	12.0



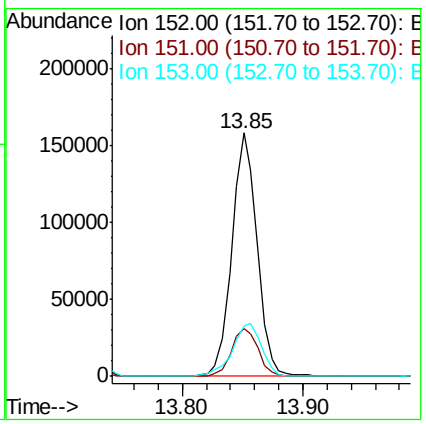


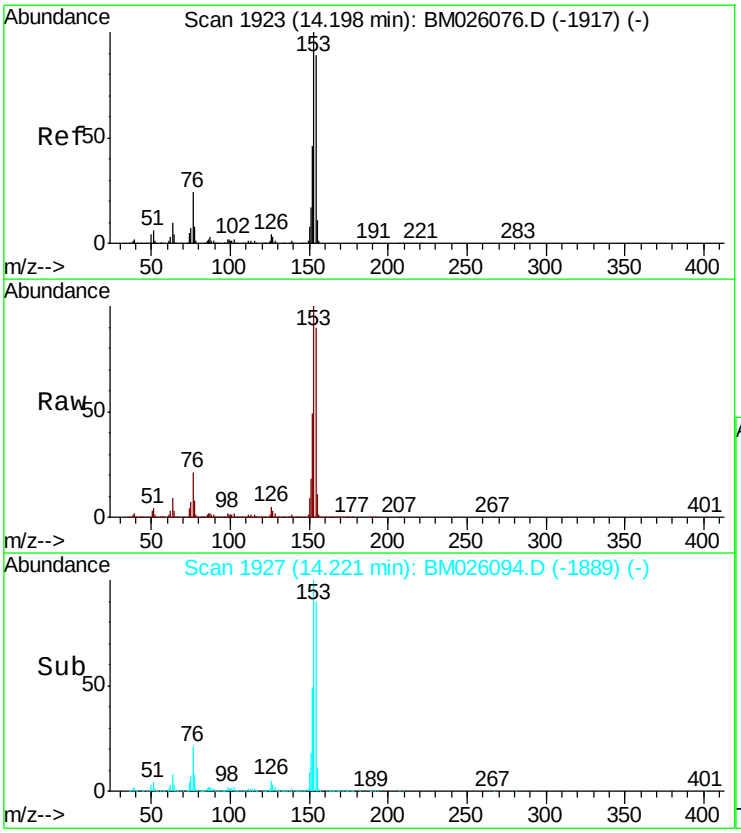
#48
Acenaphthylene
Concen: 4.271 ng/ul
RT: 13.85 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BM026094.D
Acq: 23 May 2020 00:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 229613

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	20.7	10.2	15.2#

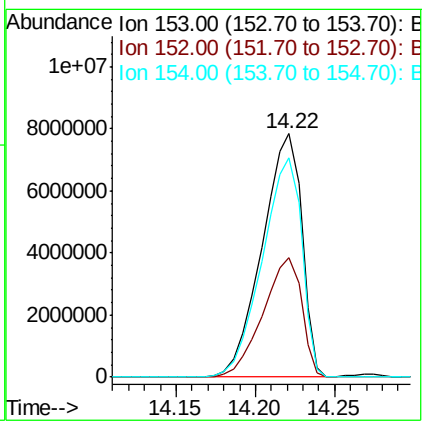


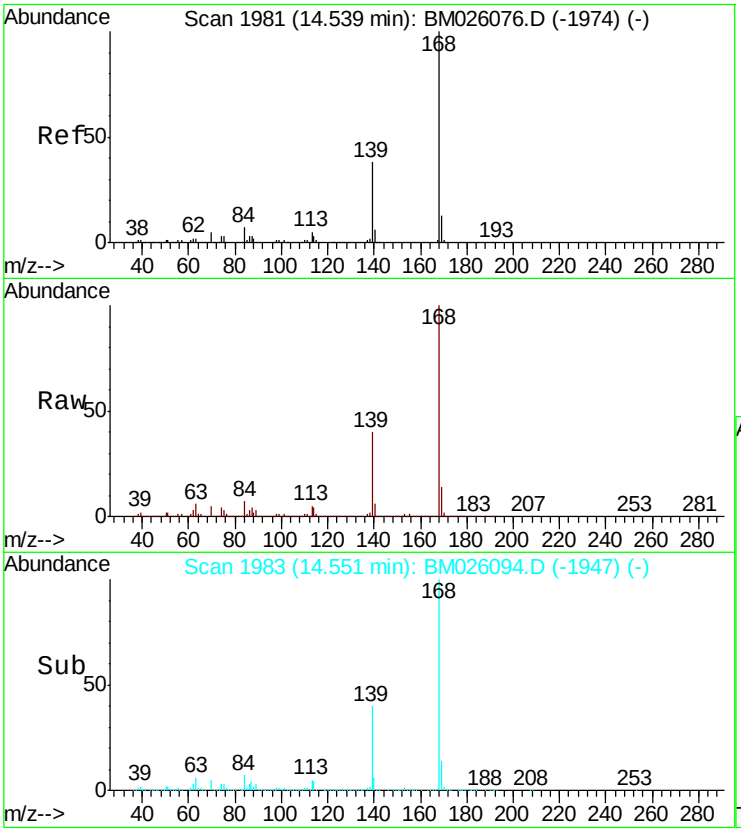


#50
Acenaphthene
Concen: 360.889 ng/ul
RT: 14.22 min Scan# 1927
Delta R.T. 0.02 min
Lab File: BM026094.D
Acq: 23 May 2020 00:01

Tgt Ion:153 Resp:13683916

Ion	Ratio	Lower	Upper
153	100		
152	48.9	37.2	55.8
154	89.9	69.8	104.8



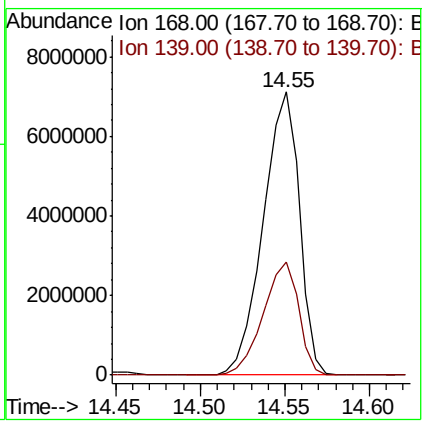


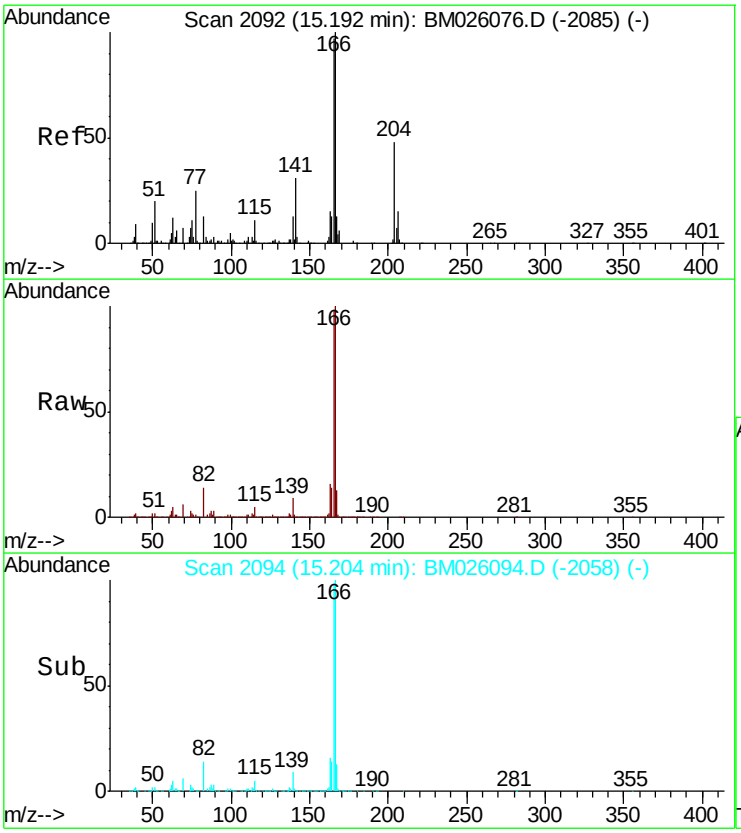
#54
Dibenzofuran
Concen: 199.152 ng/ul
RT: 14.55 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM026094.D
Acq: 23 May 2020 00:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp:10612212

Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.7	46.1

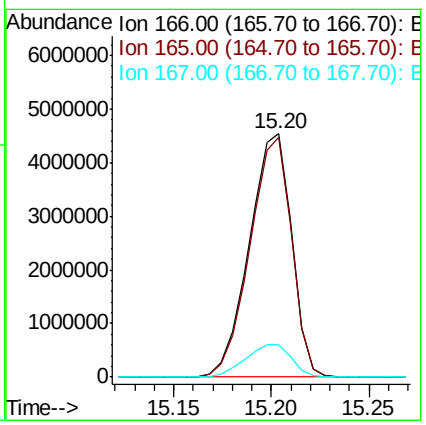


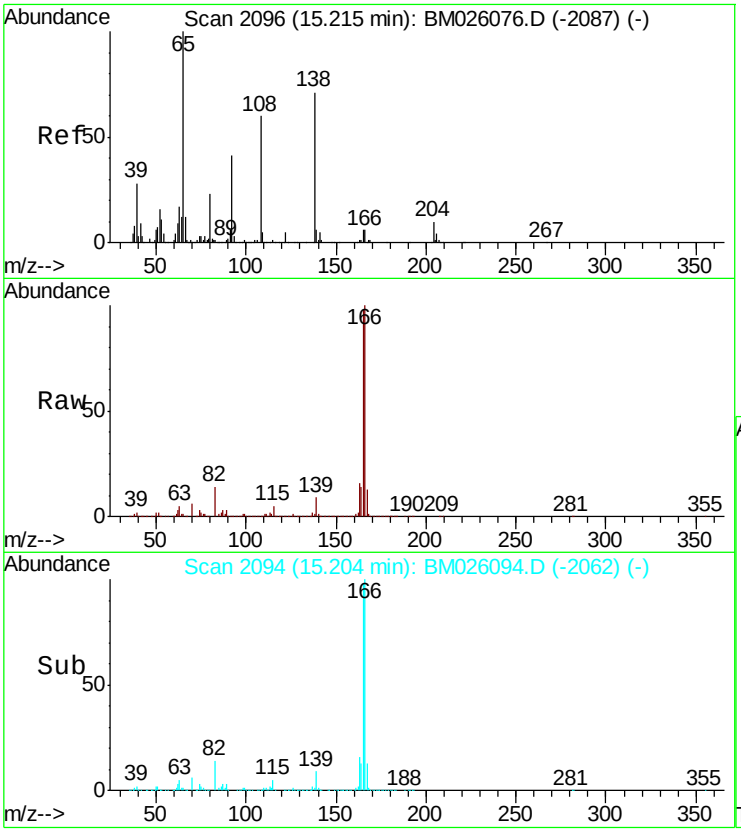


#59
Fluorene
Concen: 157.714 ng/ul
RT: 15.20 min Scan# 2094
Delta R.T. 0.01 min
Lab File: BM026094.D
Acq: 23 May 2020 00:01

Tgt Ion:166 Resp: 6798343

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.3	115.9
167	13.4	10.6	16.0



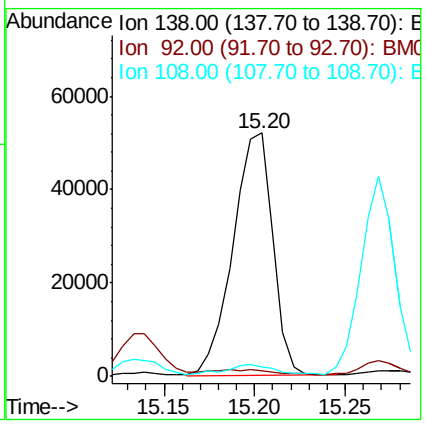


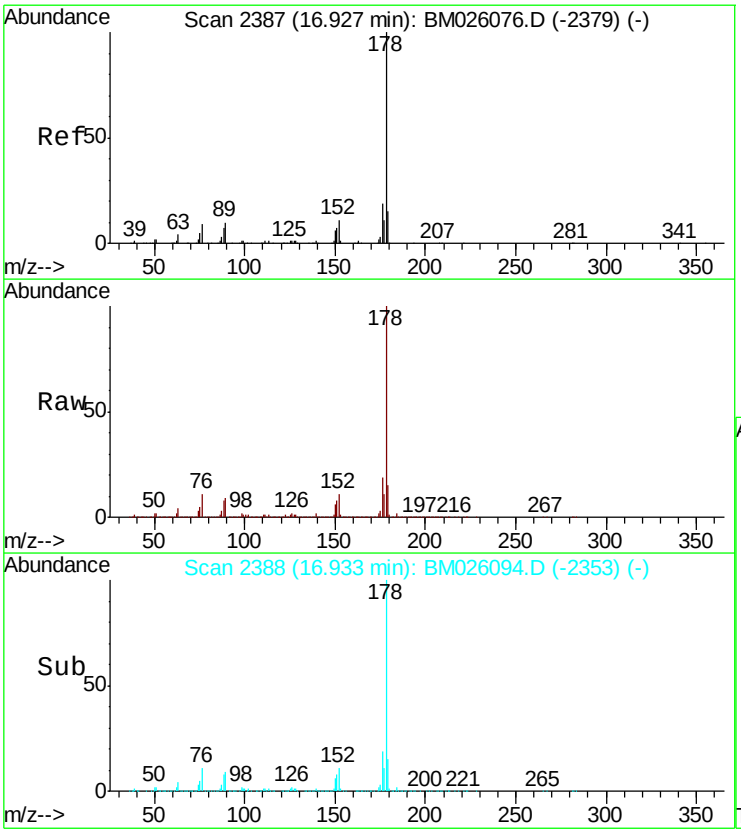
#61
4-Nitroaniline
Concen: 8.933 ng/ul
RT: 15.20 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM026094.D
Acq: 23 May 2020 00:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 79100

Ion	Ratio	Lower	Upper
138	100		
92	2.5	49.4	74.2#
108	4.0	68.3	102.5#

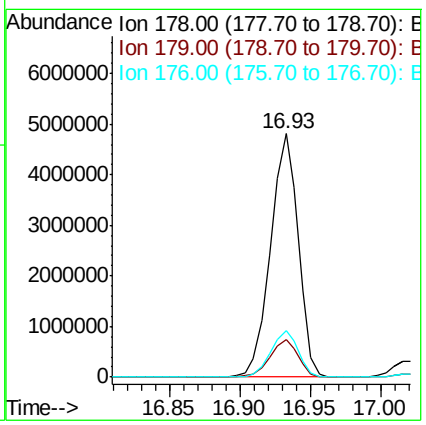


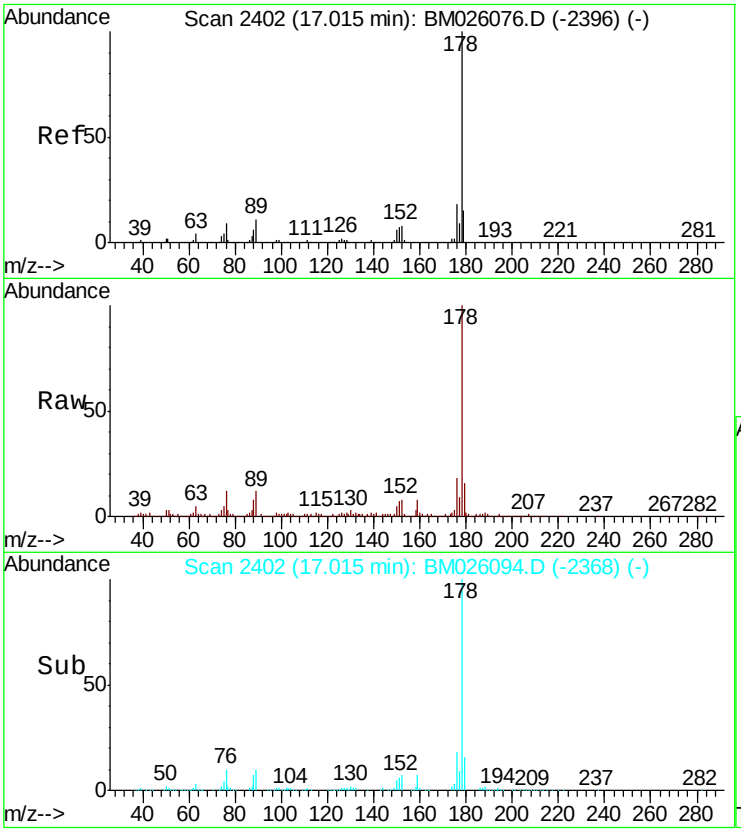


#70
Phenanthrene
Concen: 97.665 ng/ul
RT: 16.93 min Scan# 2388
Delta R.T. 0.01 min
Lab File: BM026094.D
Acq: 23 May 2020 00:01

Tgt Ion:178 Resp: 6580551

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.9	17.9
176	18.9	14.9	22.3



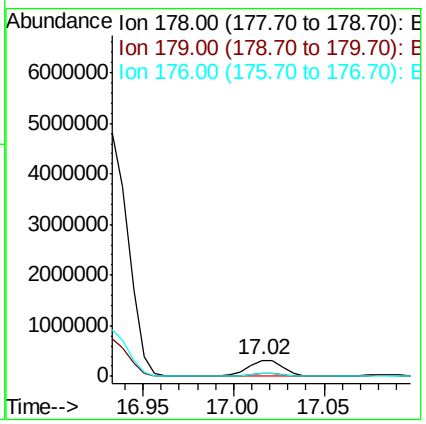


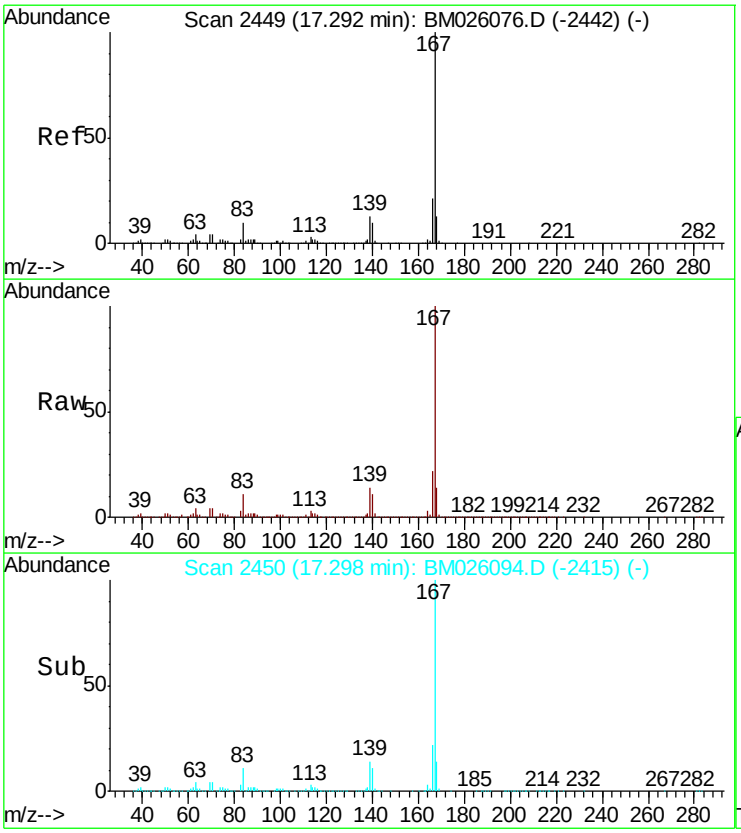
#72
Anthracene
Concen: 6.378 ng/ul
RT: 17.02 min Scan# 2402
Delta R.T. -0.00 min
Lab File: BM026094.D
Acq: 23 May 2020 00:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 431129

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.2	18.4
176	18.2	14.9	22.3

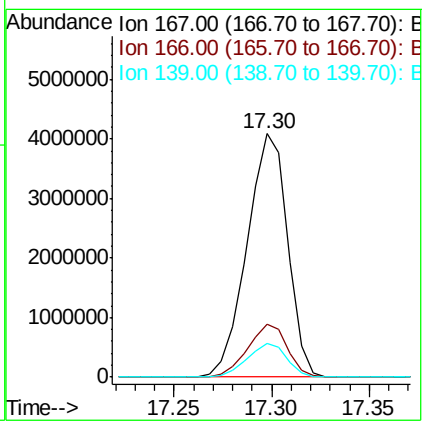


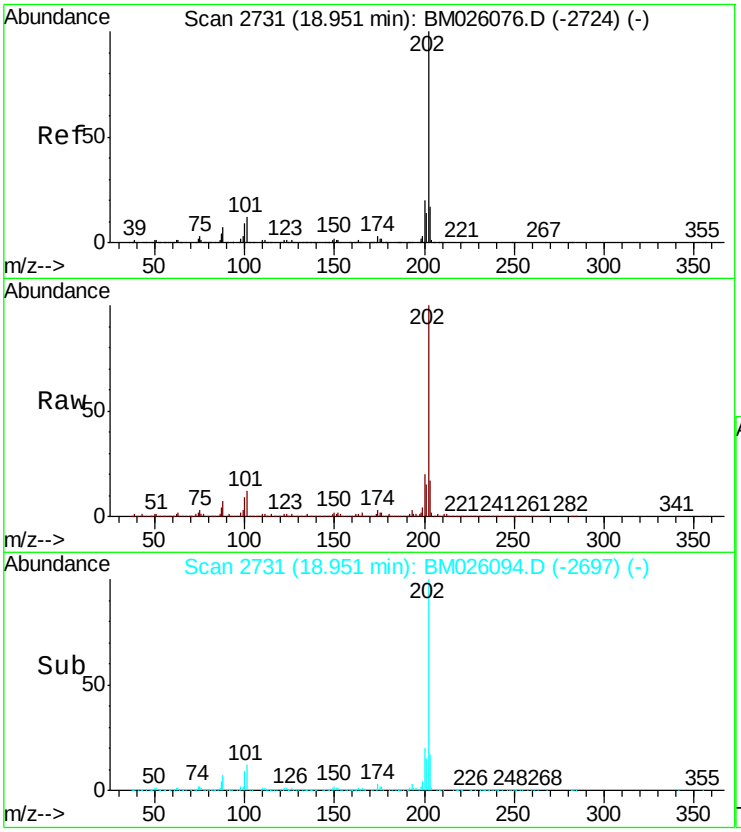


#75
Carbazole
Concen: 105.170 ng/ul
RT: 17.30 min Scan# 2450
Delta R.T. 0.01 min
Lab File: BM026094.D
Acq: 23 May 2020 00:01

Tgt Ion:167 Resp: 5881608

Ion	Ratio	Lower	Upper
167	100		
166	21.7	16.6	25.0
139	13.6	10.8	16.2



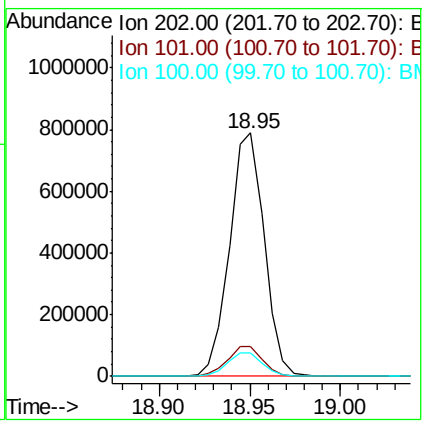


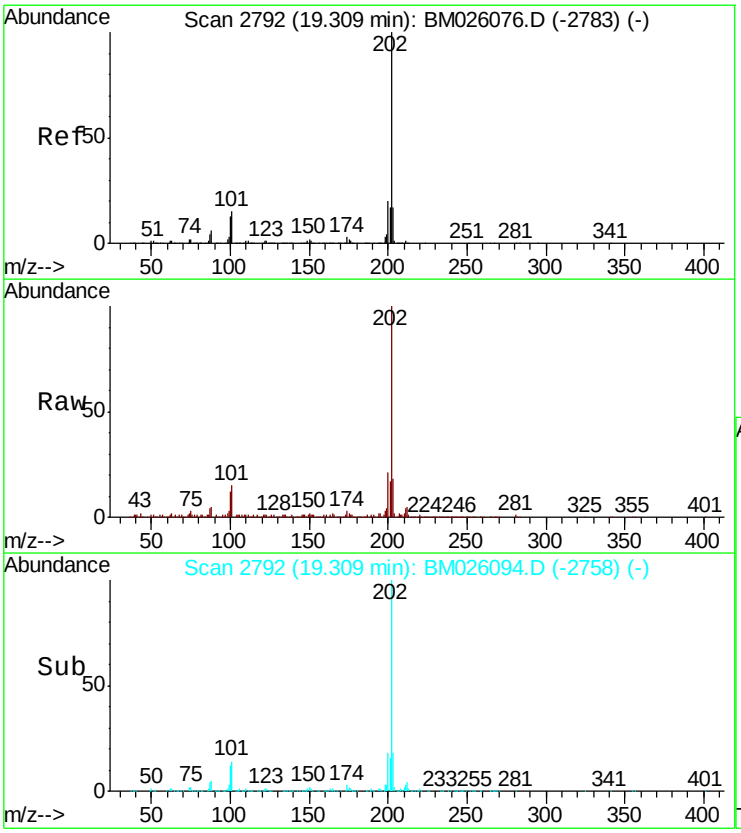
#77
Fluoranthene
Concen: 14.769 ng/ul
RT: 18.95 min Scan# 2731
Delta R.T. -0.00 min
Lab File: BM026094.D
Acq: 23 May 2020 00:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1043830

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.5	14.3
100	9.5	7.6	11.4





#80
Pyrene
Concen: 6.969 ng/ul
RT: 19.31 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BM026094.D
Acq: 23 May 2020 00:01

Tgt Ion:202 Resp: 538298

Ion	Ratio	Lower	Upper
202	100		
101	14.6	12.2	18.4
100	12.1	10.2	15.4