Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026103.D
Acq On : 23 May 2020 06:06
Operator : MA/SJ
Sample : L2737-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 23 07:09:36 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	197097	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	175901	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.14	164	471165	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	954616	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	966434	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	1009524	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	28986	4.44	ng/uL	0.00
5) Phenol-d5	6.70	99	141714	7.93	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.85	67	393403	31.81	ng/ul	0.01
9) 2-Chlorophenol-d4	7.05	132	375882	26.86	ng/ul	0.01
13) 4-Methylphenol-d8	8.23	113	248703	18.46	ng/ul	0.02
19) Nitrobenzene-d5	8.66	128	244522	170.53	ng/ul	0.02
22) 2-Nitrophenol-d4	9.37	143	255588	180.17	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.96	165	403507	141.67	ng/ul	0.08
29) 4-Chloroaniline-d4	10.45	131	20511	7.10	ng/ul	0.05
44) Dimethylphthalate-d6	13.58	166	1276740	33.79	ng/ul	0.02
47) Acenaphthylene-d8	13.83	160	1567020	35.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	59345	8.87	ng/ul	0.04
58) Fluorene-d10	15.14	176	1141824	34.74	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.29	200	178967	32.15	ng/ul	0.02
71) Anthracene-d10	16.99	188	1686054	35.84	ng/ul	0.01
79) Pyrene-d10	19.29	212	1833014	36.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	1814320	33.77	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.73	94	3492444	174.245	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.94	93	26566	1.723	ng/ul#	20
11) 2-Methylphenol	7.97	108	6425564	465.289	ng/ul	99
14) Acetophenone	8.32	105	192611	8.520	ng/ul#	1
16) 4-Methylphenol	8.31	108	8575283	570.976	ng/ul	97
17) Hexachloroethane	8.59	117	38552	5.891	ng/ul#	10
20) Nitrobenzene	8.67	77	26059	5.917	ng/ul#	1
23) 2-Nitrophenol	9.42	139	9664	5.861	ng/ul#	1
24) 2,4-Dimethylphenol	9.53	107	14978399	3802.453	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.74	93	98501	21.319	ng/ul#	1
30) 4-Chloroaniline	10.40	127	16941307	5614.140	ng/ul#	12
33) 4-Chloro-3-methylphenol	11.60	107	38986	11.396	ng/ul#	38
34) 2-Methylnaphthalene	11.96	142	14119937	1951.931	ng/ul	99
35) 1-Methylnaphthalene	12.17	142	8099873	1206.901	ng/ul	99
41) 1,1'-Biphenyl	12.97	154	3047687	72.897	ng/ul	99
45) Dimethylphthalate	13.63	163	154974	3.907	ng/ul	99
48) Acenaphthylene	13.86	152	186109	3.787	ng/ul#	87
50) Acenaphthene	14.22	153	11779635	339.875	ng/ul	97
53) 4-Nitrophenol	14.36	109	15745	2.644	ng/ul#	1
54) Dibenzofuran	14.56	168	8928002	183.298	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.79	232	21731	2.383	ng/ul#	62
59) Fluorene	15.20	166	6262523	158.943	ng/ul	99
61) 4-Nitroaniline	15.20	138	72607	8.971	ng/ul#	31

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026103.D
Acq On : 23 May 2020 06:06
Operator : MA/SJ
Sample : L2737-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 23 07:09:36 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)
69) Pentachlorophenol	16.56	266	23411	3.401	ng/ul	98
70) Phenanthrene	16.94	178	9932513	165.178	ng/ul	98
72) Anthracene	17.03	178	957888	15.878	ng/ul	99
75) Carbazole	17.33	167	17771019	356.063	ng/ul	94
77) Fluoranthene	18.96	202	1840387	29.177	ng/ul	99
80) Pyrene	19.32	202	1124197	16.570	ng/ul	97
83) Benzo(a)anthracene	21.07	228	88605	1.330	ng/ul#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026103.D
Acq On : 23 May 2020 06:06
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Sample : L2737-15
Misc :
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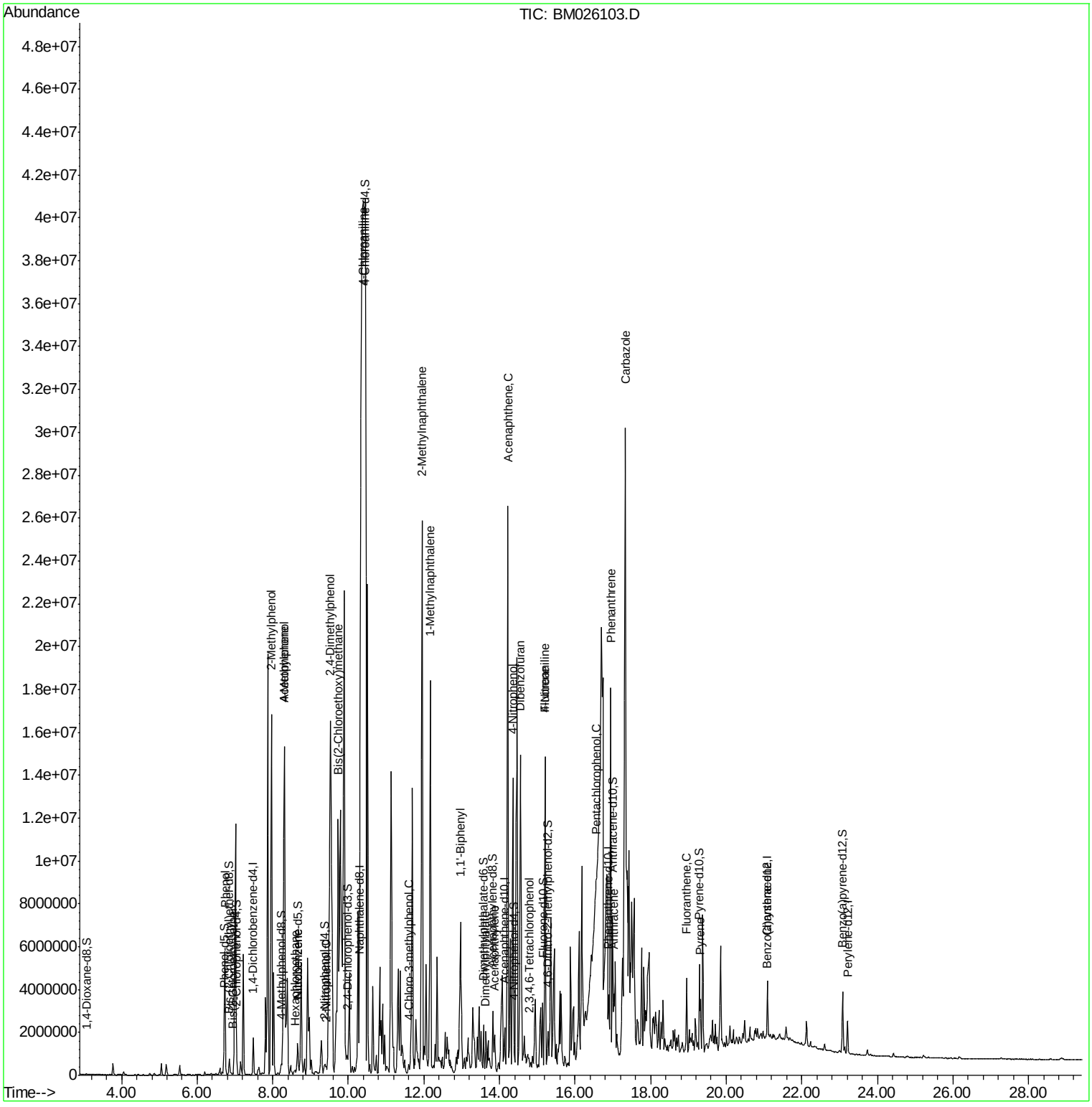
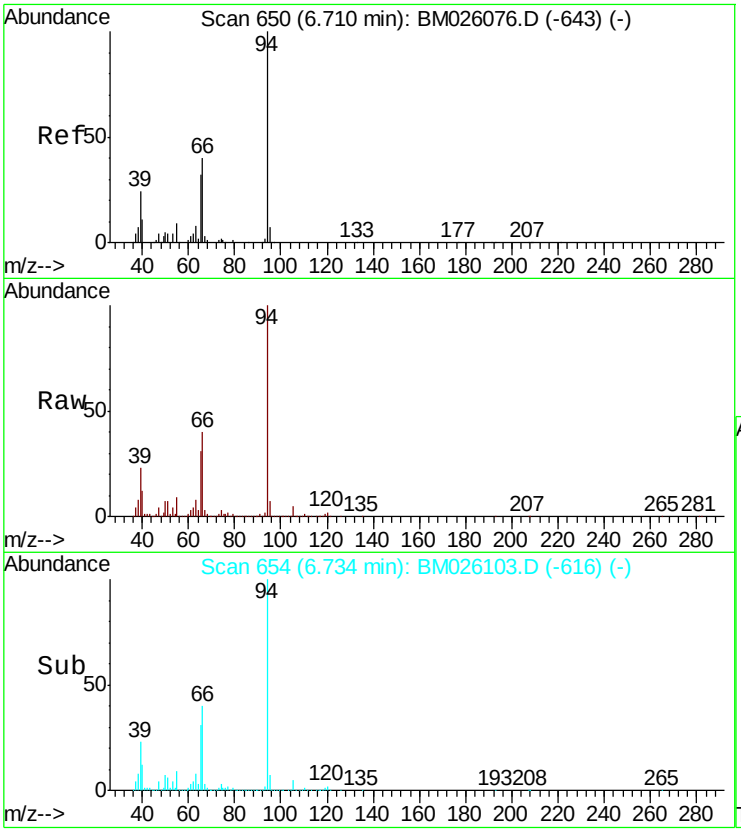
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration



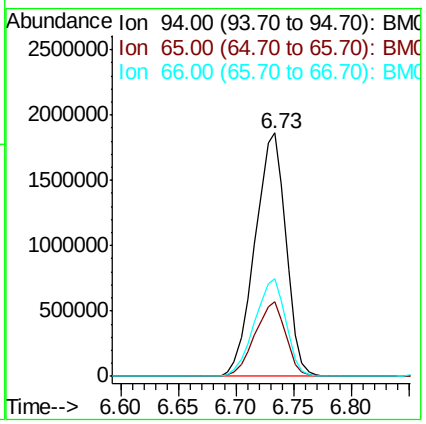


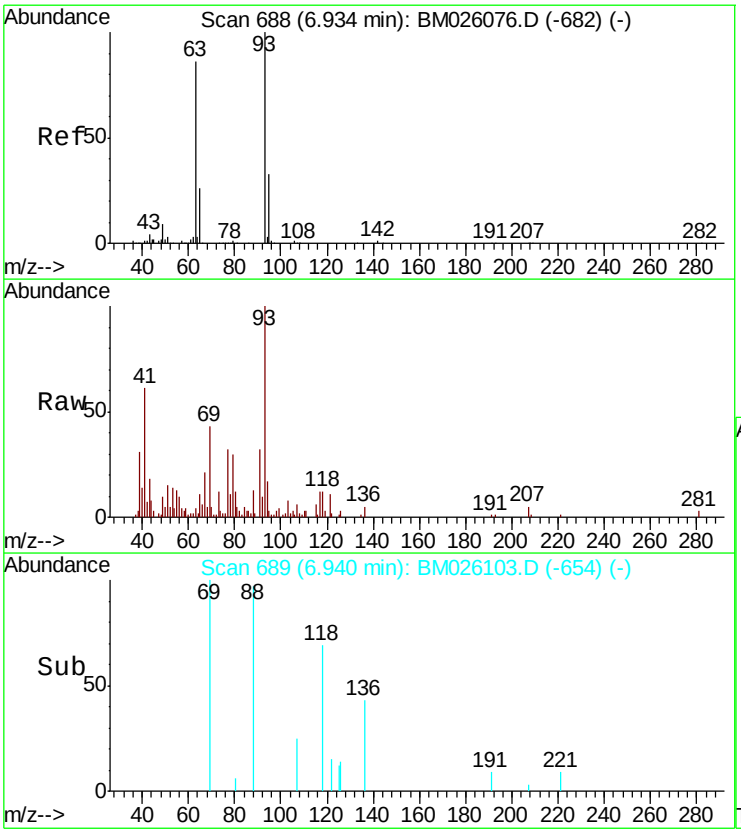
#6
Phenol
Concen: 174.245 ng/ul
RT: 6.73 min Scan# 654
Delta R.T. 0.02 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 3492444

Ion	Ratio	Lower	Upper
94	100		
65	30.7	25.8	38.8
66	40.1	33.3	49.9

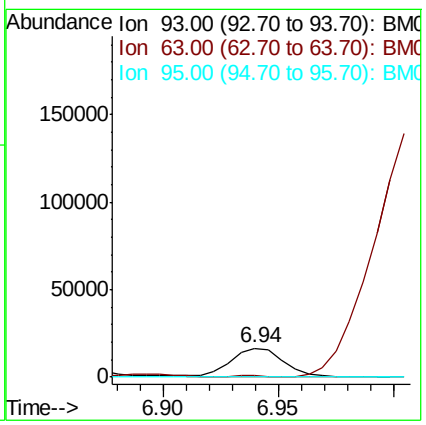


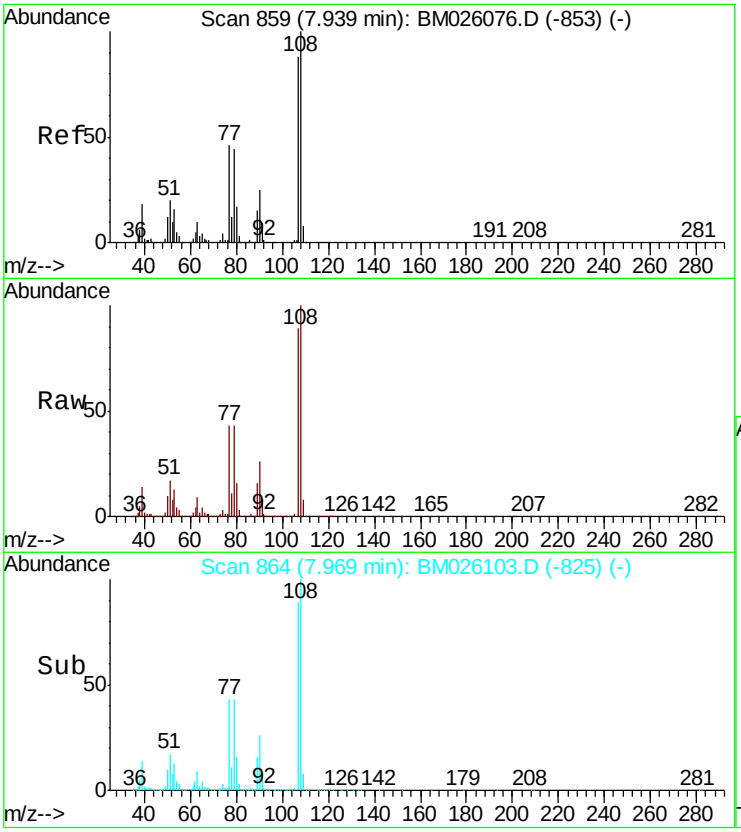


#8
Bis(2-Chloroethyl)ether
Concen: 1.723 ng/ul
RT: 6.94 min Scan# 689
Delta R.T. 0.01 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Tgt Ion: 93 Resp: 26566

Ion	Ratio	Lower	Upper
93	100		
63	4.4	70.7	106.1#
95	3.3	26.2	39.4#



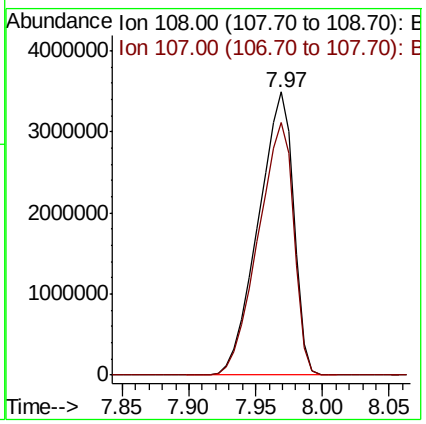


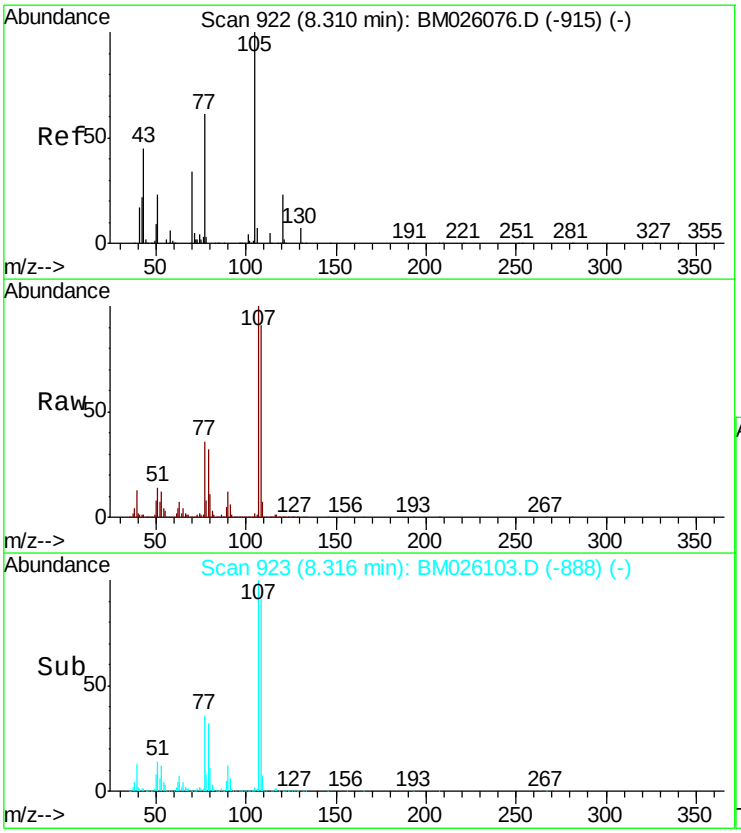
#11
2-Methylphenol
Concen: 465.289 ng/ul
RT: 7.97 min Scan# 864
Delta R.T. 0.03 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 6425564

Ion	Ratio	Lower	Upper
108	100		
107	89.5	72.3	108.5

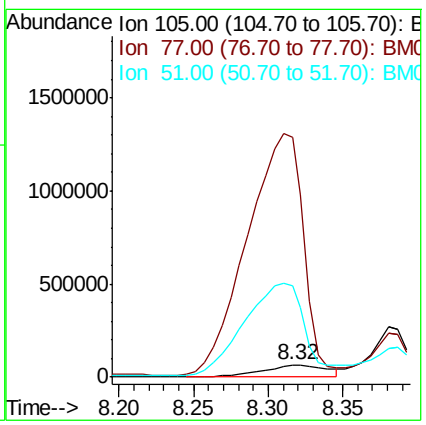


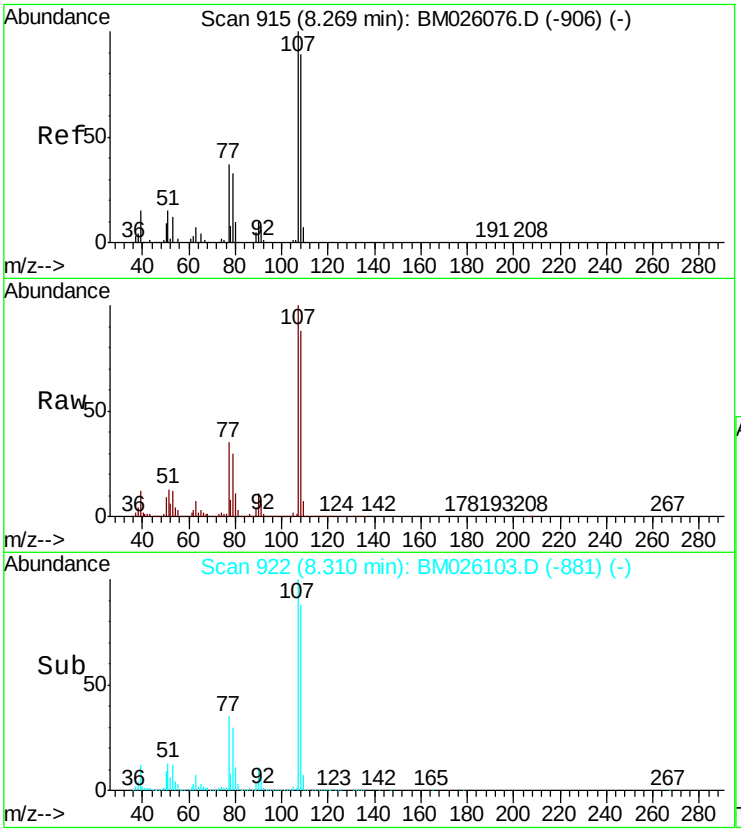


#14
Acetophenone
Concen: 8.520 ng/ul
RT: 8.32 min Scan# 923
Delta R.T. 0.01 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Tgt Ion:105 Resp: 192611

Ion	Ratio	Lower	Upper
105	100		
77	1950.5	67.2	100.8#
51	737.8	27.4	41.0#



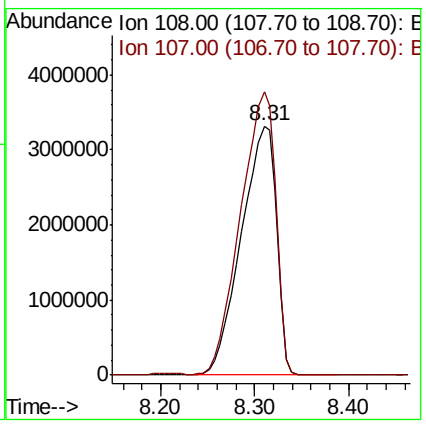


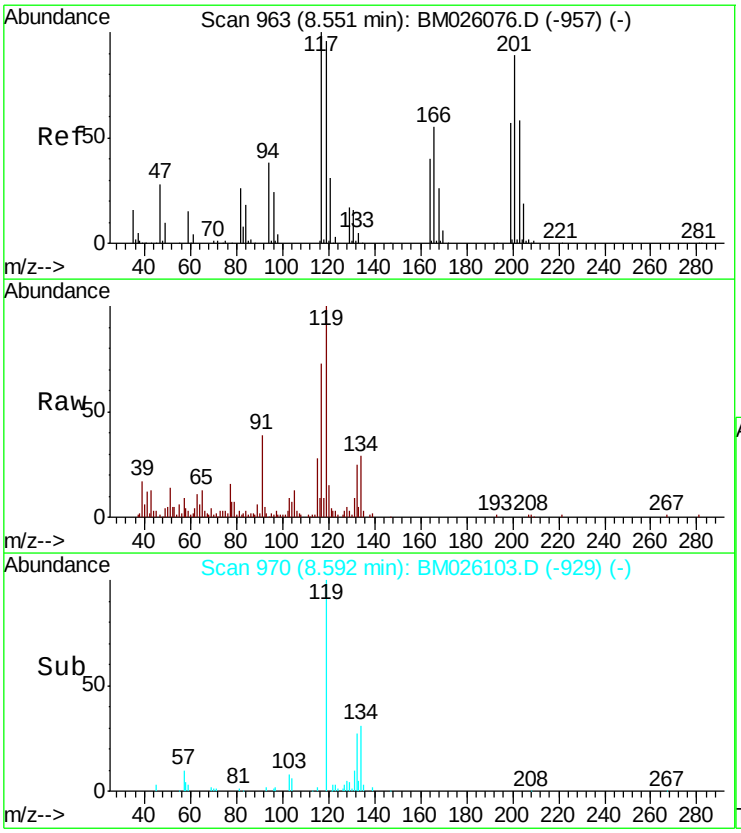
#16
4-Methylphenol
Concen: 570.976 ng/ul
RT: 8.31 min Scan# 922
Delta R.T. 0.04 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 8575283

Ion	Ratio	Lower	Upper
108	100		
107	113.5	88.6	132.8

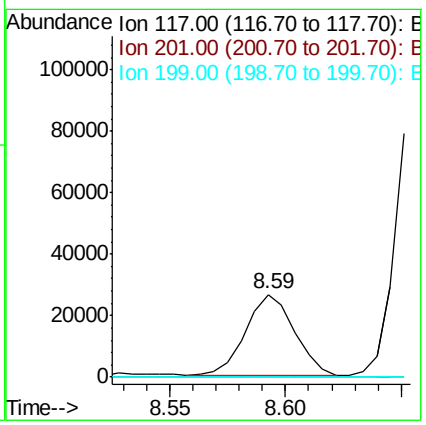


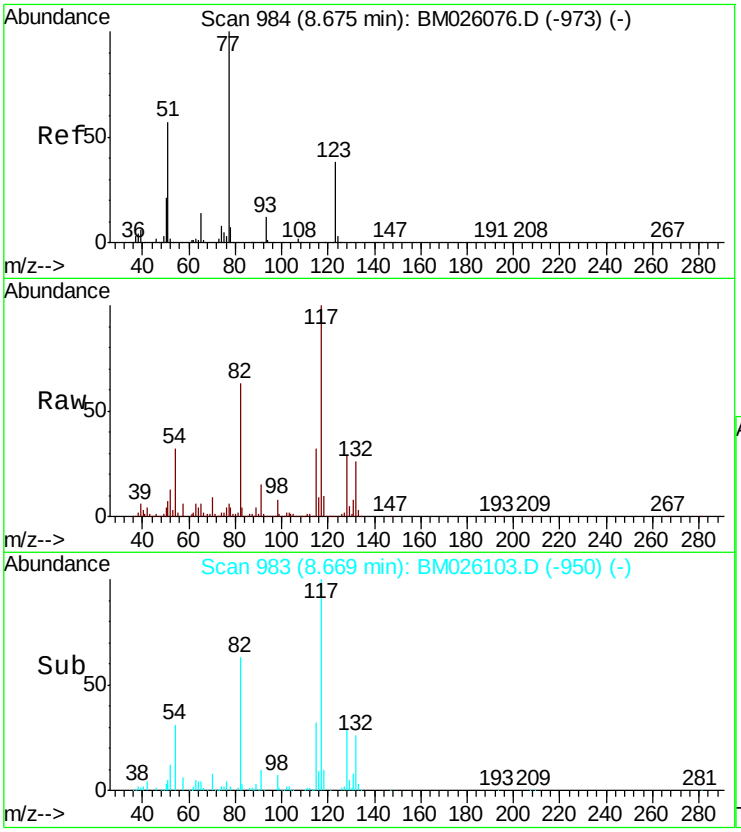


#17
Hexachloroethane
Concen: 5.891 ng/ul
RT: 8.59 min Scan# 970
Delta R.T. 0.04 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Tgt Ion:117 Resp: 38552

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



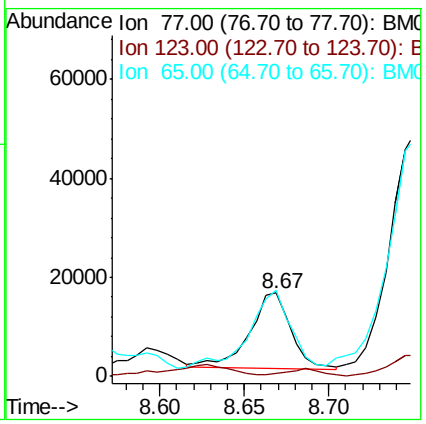


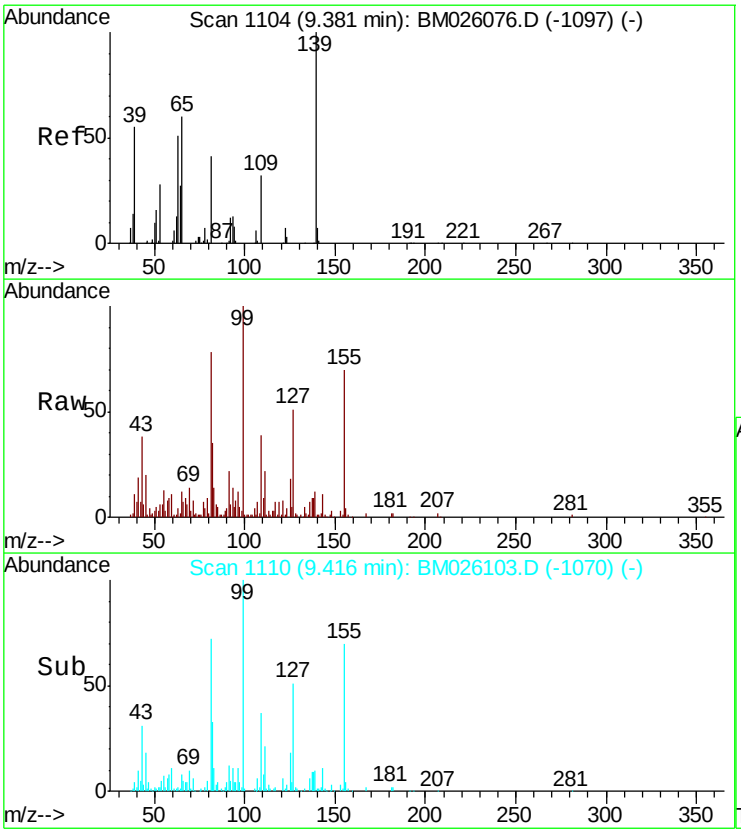
#20
Nitrobenzene
Concen: 5.917 ng/ul
RT: 8.67 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 26059

Ion	Ratio	Lower	Upper
77	100		
123	3.3	29.5	44.3#
65	104.1	11.0	16.4#

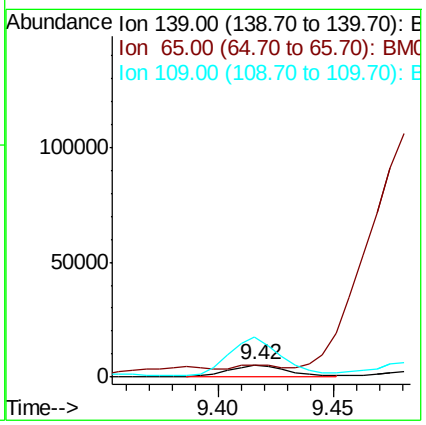


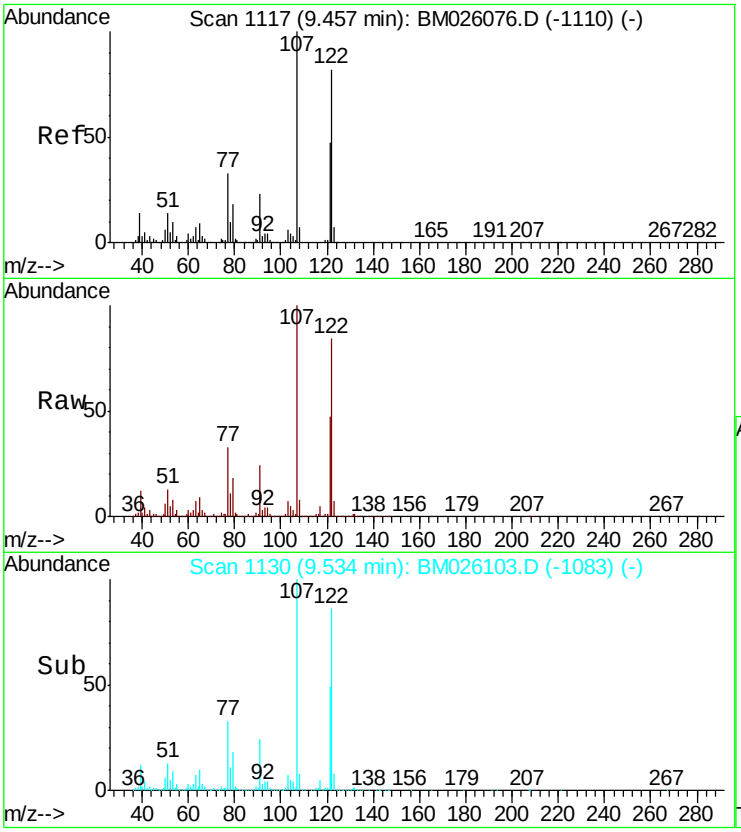


#23
2-Nitrophenol
Concen: 5.861 ng/ul
RT: 9.42 min Scan# 1110
Delta R.T. 0.04 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Tgt Ion:139 Resp: 9664

Ion	Ratio	Lower	Upper
139	100		
65	98.0	56.3	84.5#
109	321.2	27.4	41.2#



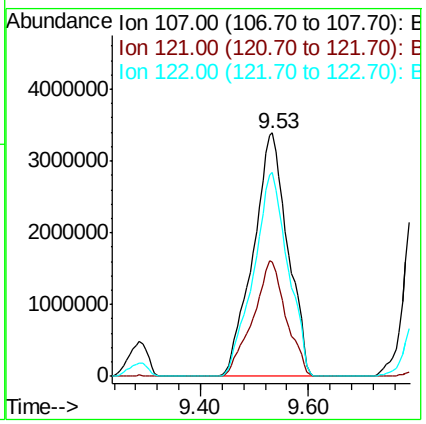


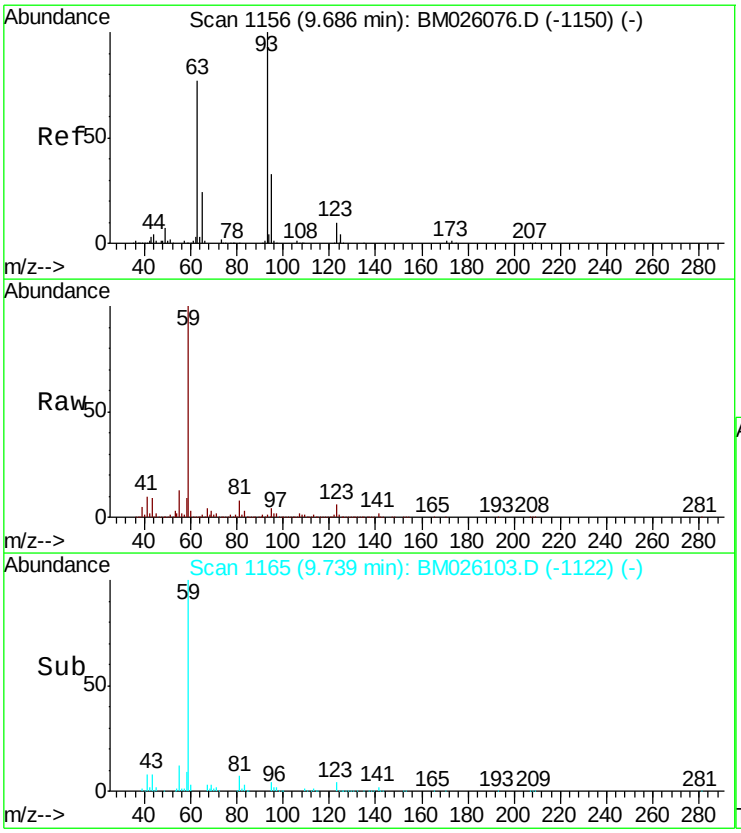
#24
2,4-Dimethylphenol
Concen: 3802.453 ng/ul
RT: 9.53 min Scan# 1130
Delta R.T. 0.08 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp:14978399

Ion	Ratio	Lower	Upper
107	100		
121	47.0	37.5	56.3
122	83.9	63.8	95.6

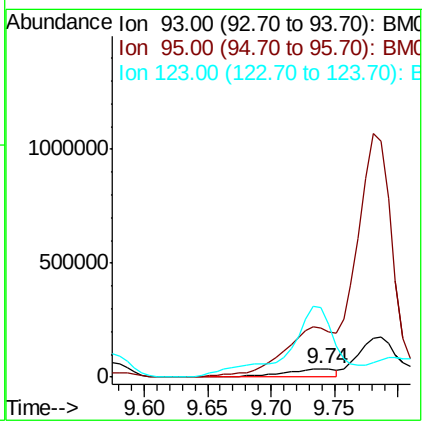


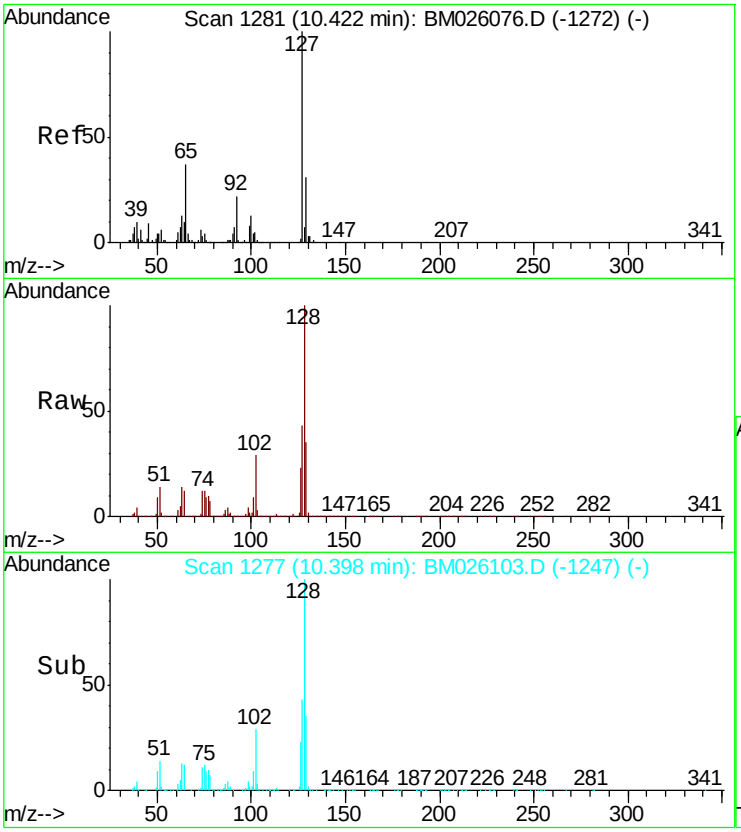


#25
Bis(2-Chloroethoxy)methane
Concen: 21.319 ng/ul
RT: 9.74 min Scan# 1165
Delta R.T. 0.05 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Tgt Ion: 93 Resp: 98501

Ion	Ratio	Lower	Upper
93	100		
95	593.0	25.5	38.3#
123	840.7	8.6	12.8#



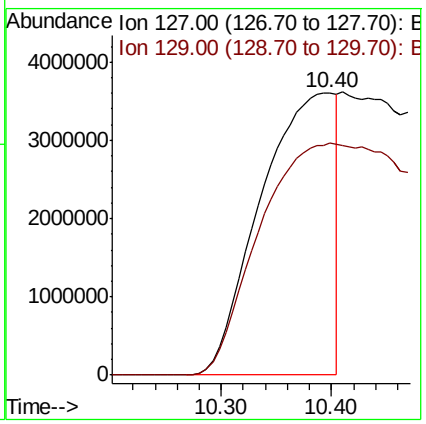


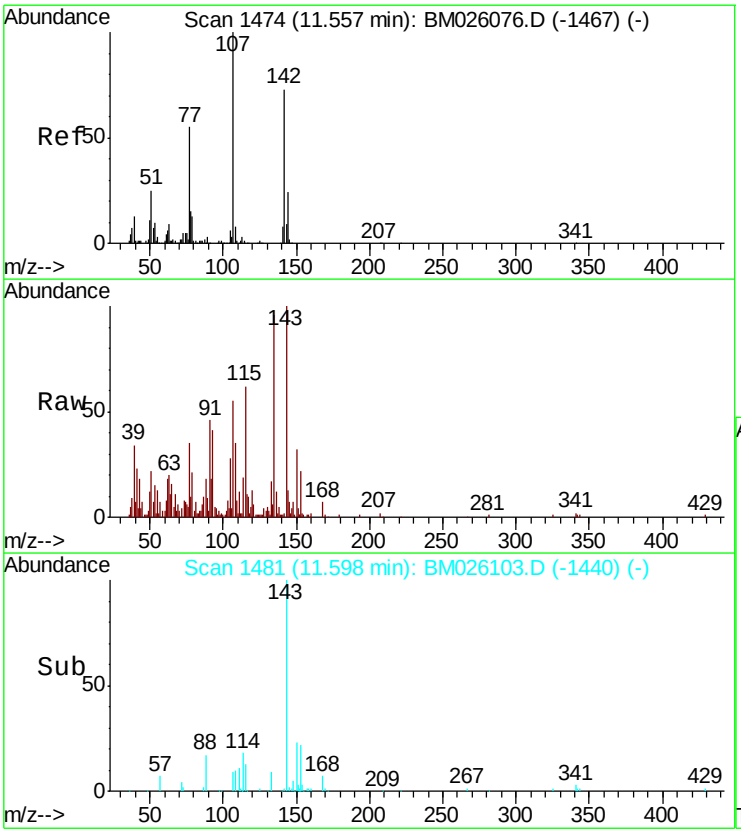
#30
4-Chloroaniline
Concen: 5614.140 ng/ul
RT: 10.40 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp:16941307

Ion	Ratio	Lower	Upper
127	100		
129	82.1	26.2	39.2#

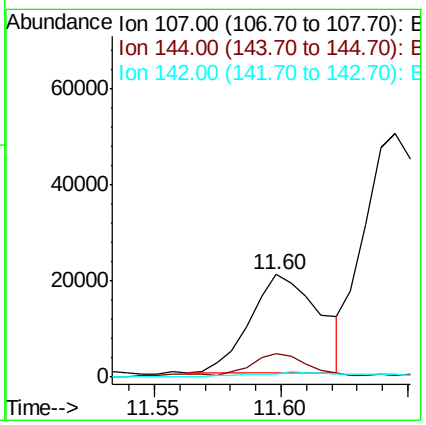


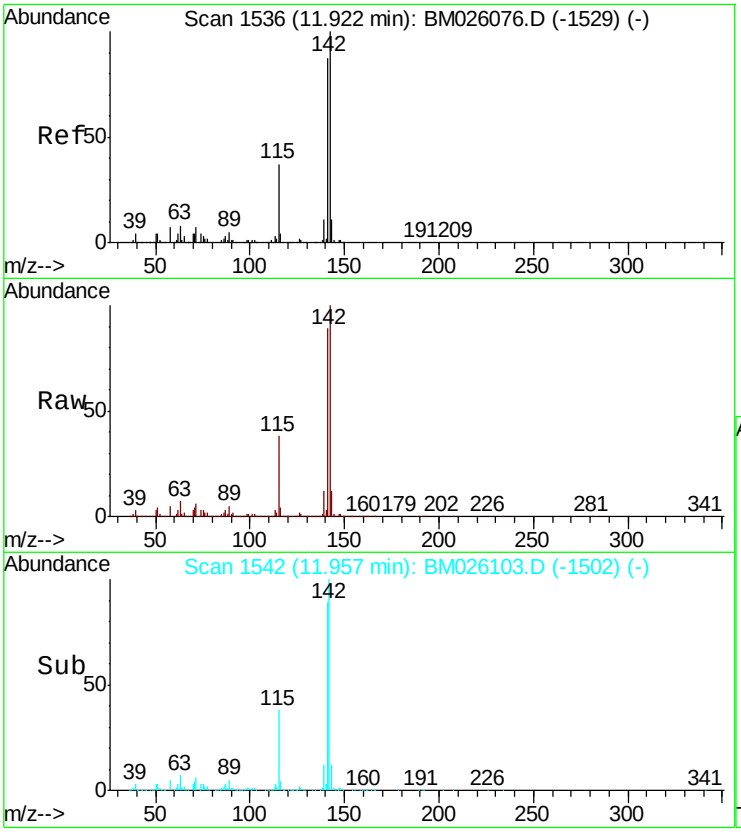


#33
4-Chloro-3-methylphenol
Concen: 11.396 ng/ul
RT: 11.60 min Scan# 1481
Delta R.T. 0.04 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Tgt Ion:107 Resp: 38986

Ion	Ratio	Lower	Upper
107	100		
144	22.9	18.1	27.1
142	3.1	56.0	84.0#



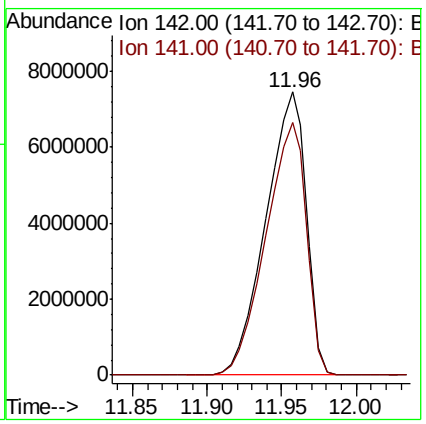


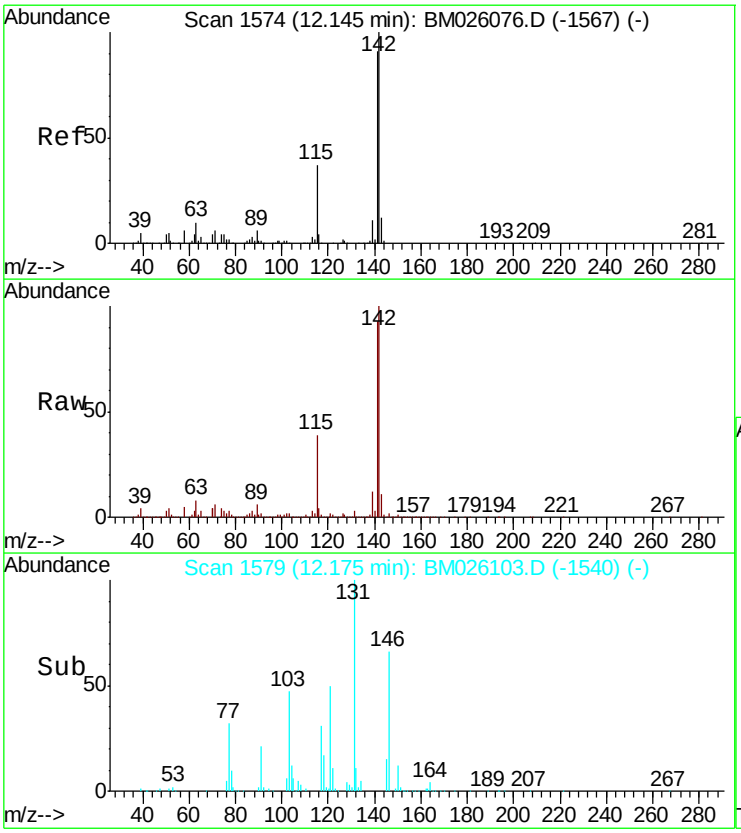
#34
2-Methylnaphthalene
Concen: 1951.931 ng/ul
RT: 11.96 min Scan# 1542
Delta R.T. 0.04 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp:14119937

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.8	107.6

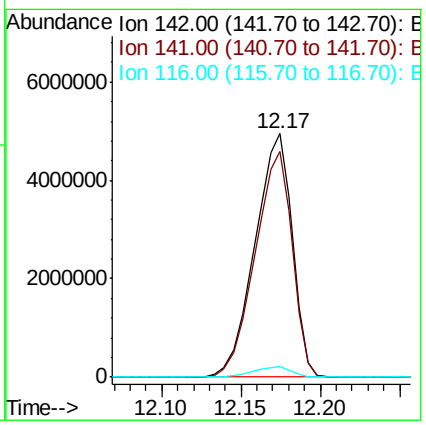


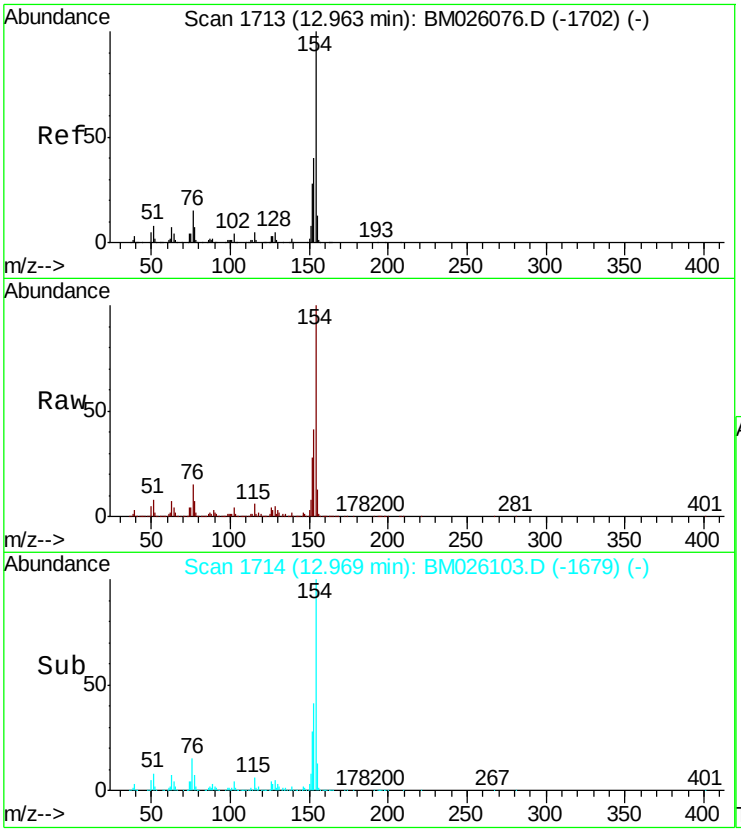


#35
1-Methylnaphthalene
Concen: 1206.901 ng/ul
RT: 12.17 min Scan# 1579
Delta R.T. 0.03 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Tgt Ion:142 Resp: 8099873

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.0	109.4
116	4.1	3.3	4.9



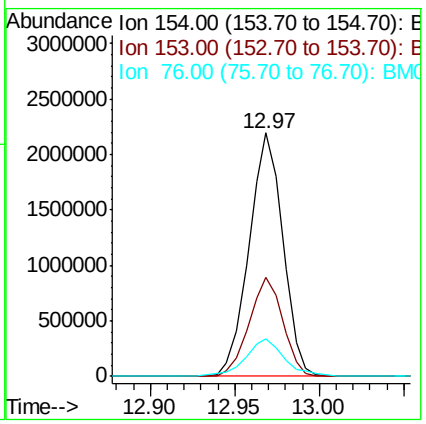


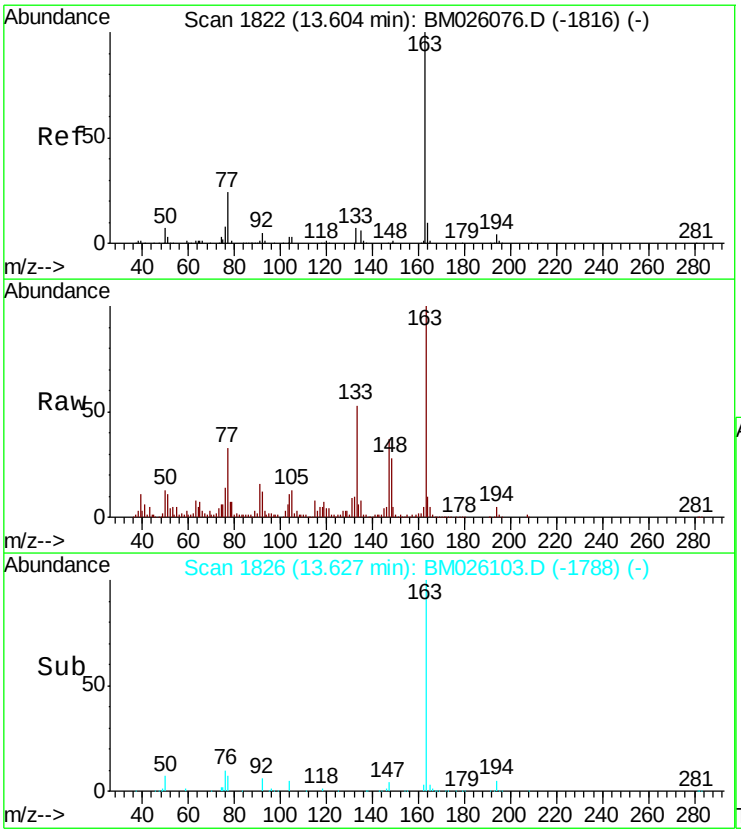
#41
1,1'-Biphenyl
Concen: 72.897 ng/ul
RT: 12.97 min Scan# 1714
Delta R.T. 0.01 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 3047687

Ion	Ratio	Lower	Upper
154	100		
153	40.7	32.3	48.5
76	15.3	13.0	19.6

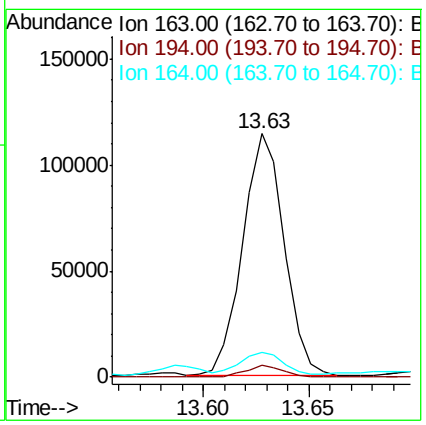


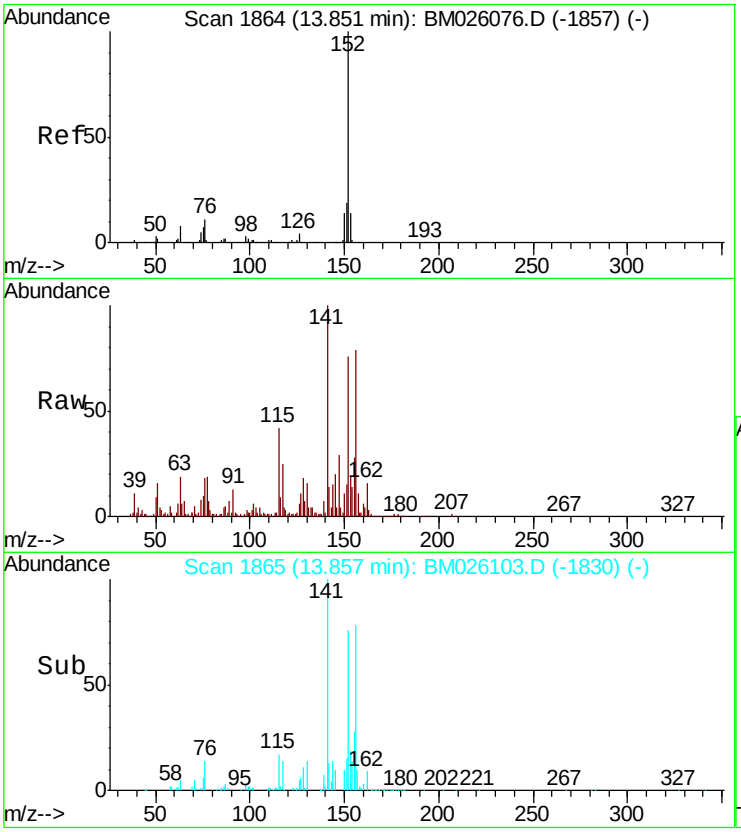


#45
Dimethylphthalate
Concen: 3.907 ng/ul
RT: 13.63 min Scan# 1826
Delta R.T. 0.02 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Tgt Ion:163 Resp: 154974

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	10.3	8.0	12.0



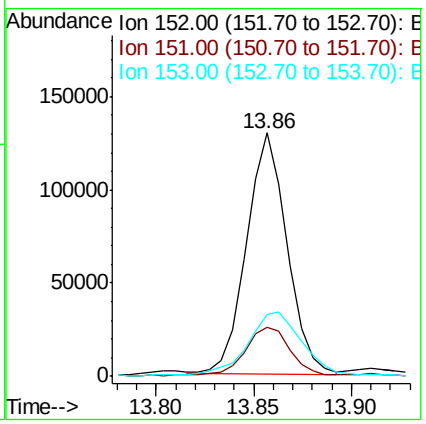


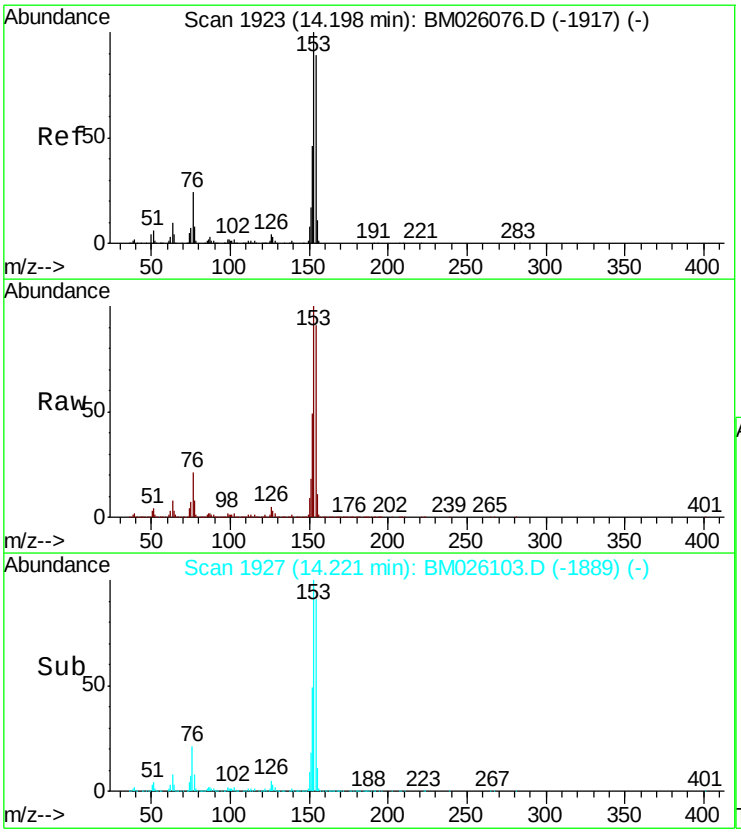
#48
Acenaphthylene
Concen: 3.787 ng/ul
RT: 13.86 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 186109

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	25.5	10.2	15.2#

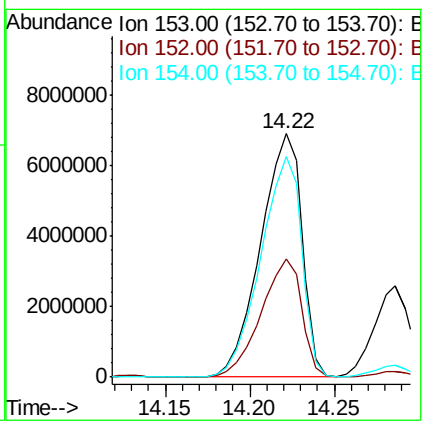


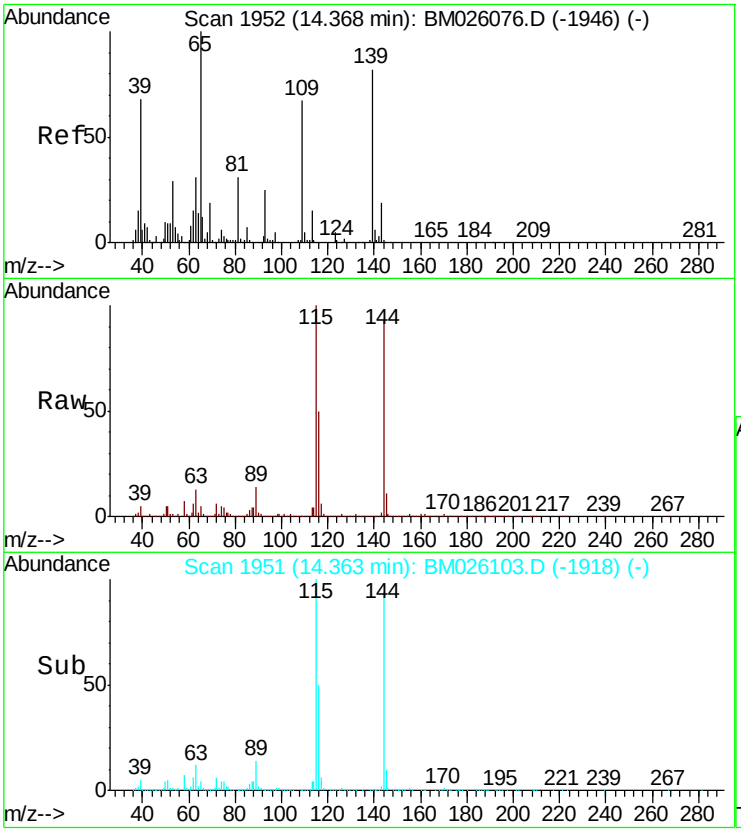


#50
Acenaphthene
Concen: 339.875 ng/ul
RT: 14.22 min Scan# 1927
Delta R.T. 0.02 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Tgt Ion:153 Resp:11779635

Ion	Ratio	Lower	Upper
153	100		
152	48.5	37.2	55.8
154	90.7	69.8	104.8



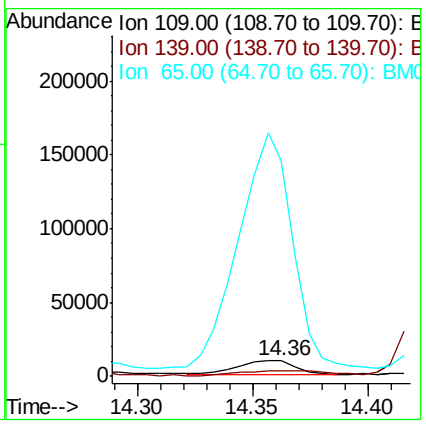


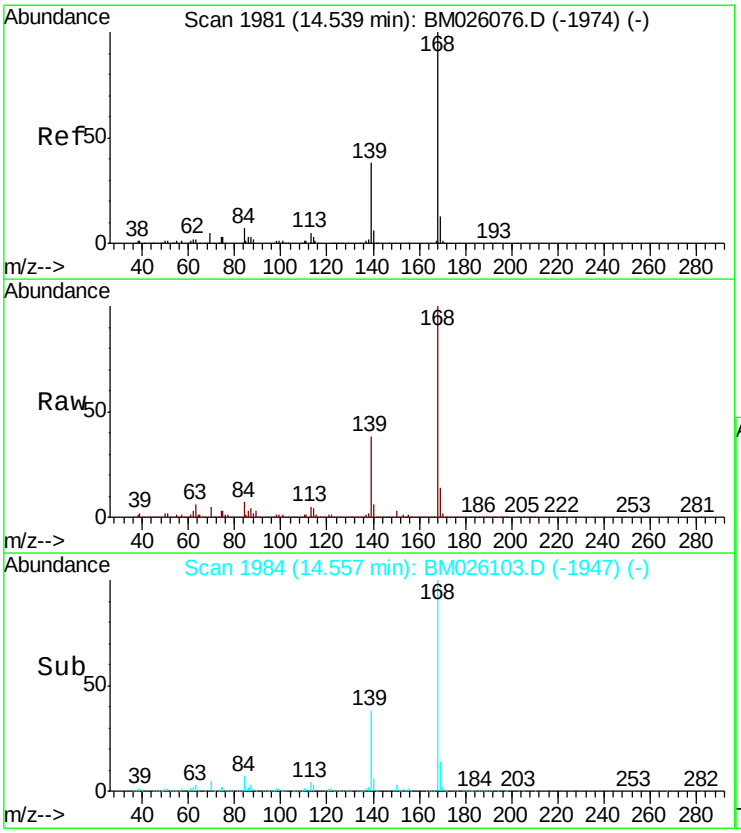
#53
4-Nitrophenol
Concen: 2.644 ng/ul
RT: 14.36 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 15745

Ion	Ratio	Lower	Upper
109	100		
139	34.8	95.8	143.8#
65	1387.6	123.2	184.8#

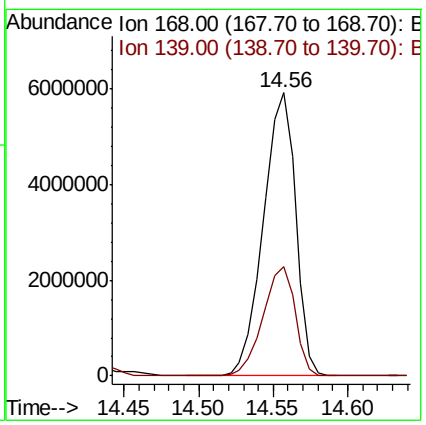


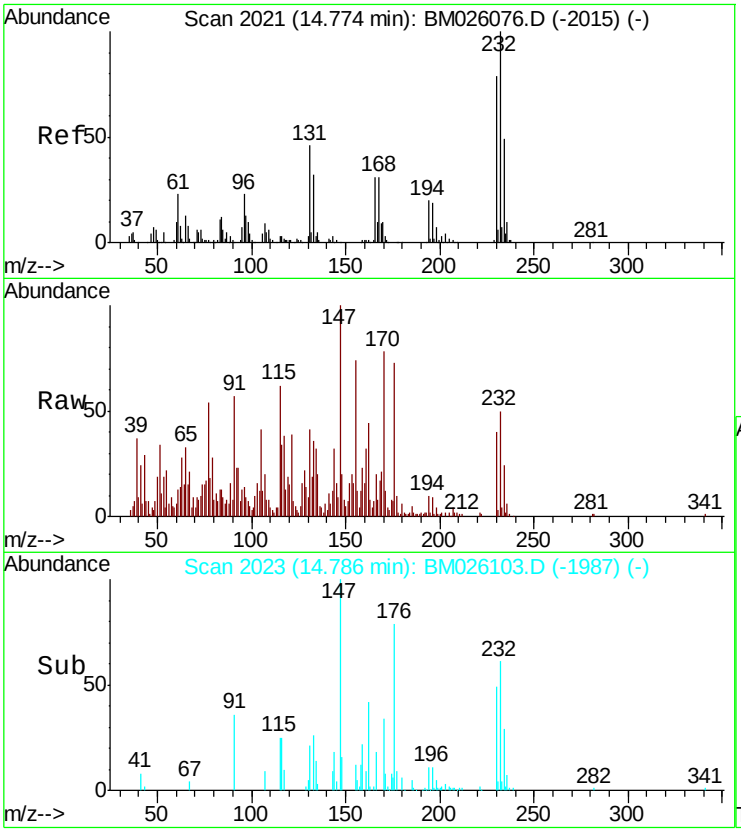


#54
Dibenzofuran
Concen: 183.298 ng/ul
RT: 14.56 min Scan# 1984
Delta R.T. 0.02 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Tgt Ion:168 Resp: 8928002

Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.7	46.1



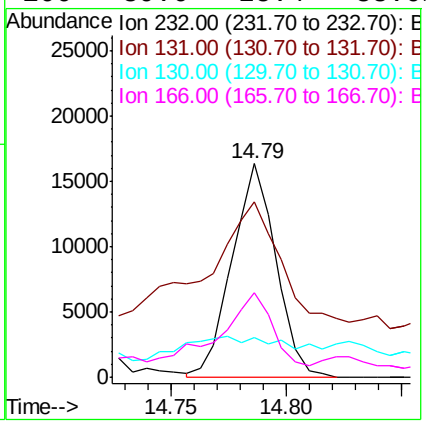


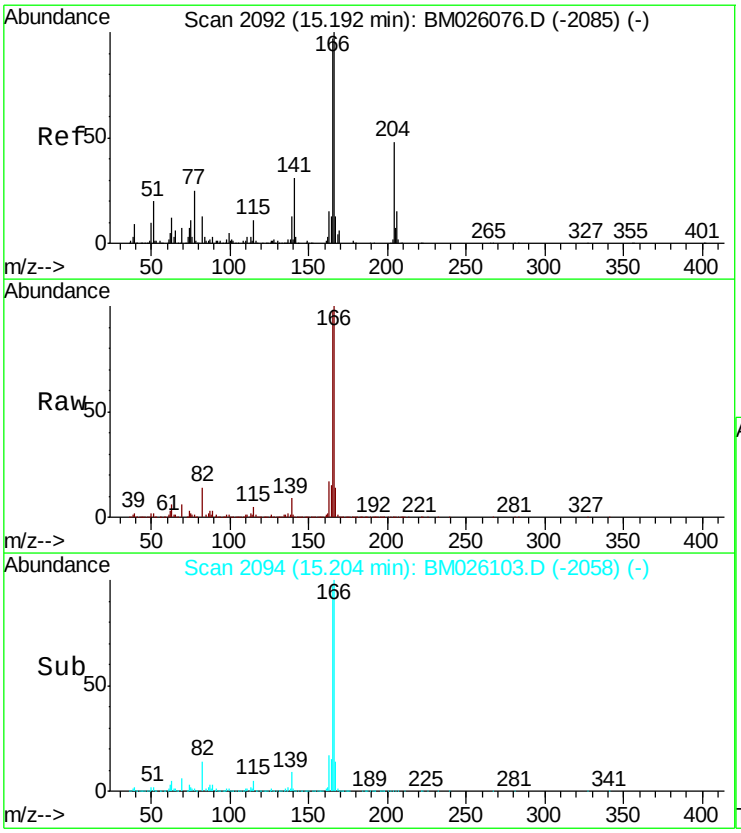
#56
2,3,4,6-Tetrachlorophenol
Concen: 2.383 ng/ul
RT: 14.79 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:232 Resp: 21731

Ion	Ratio	Lower	Upper
232	100		
131	81.8	37.0	55.4#
130	18.8	1.8	2.8#
166	39.6	25.4	38.0#

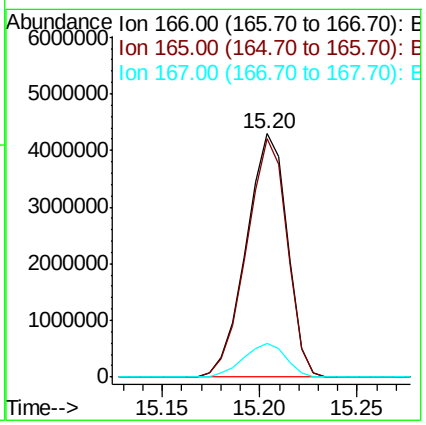


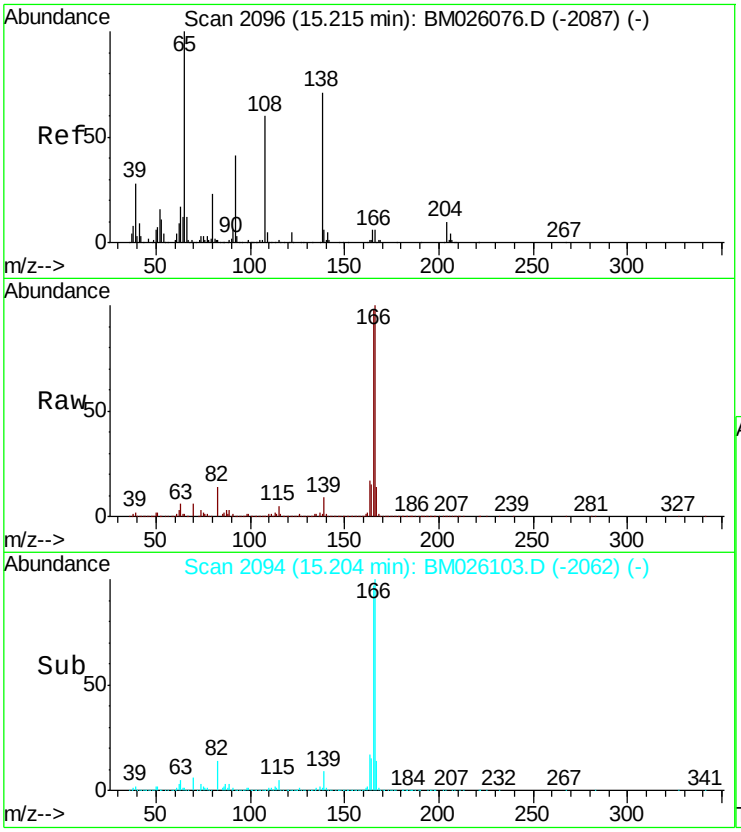


#59
Fluorene
Concen: 158.943 ng/ul
RT: 15.20 min Scan# 2094
Delta R.T. 0.01 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Tgt Ion:166 Resp: 6262523

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.3	115.9
167	14.0	10.6	16.0



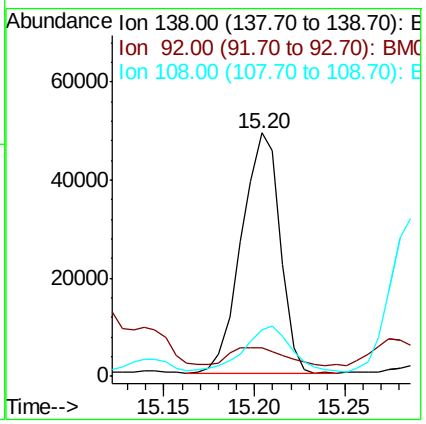


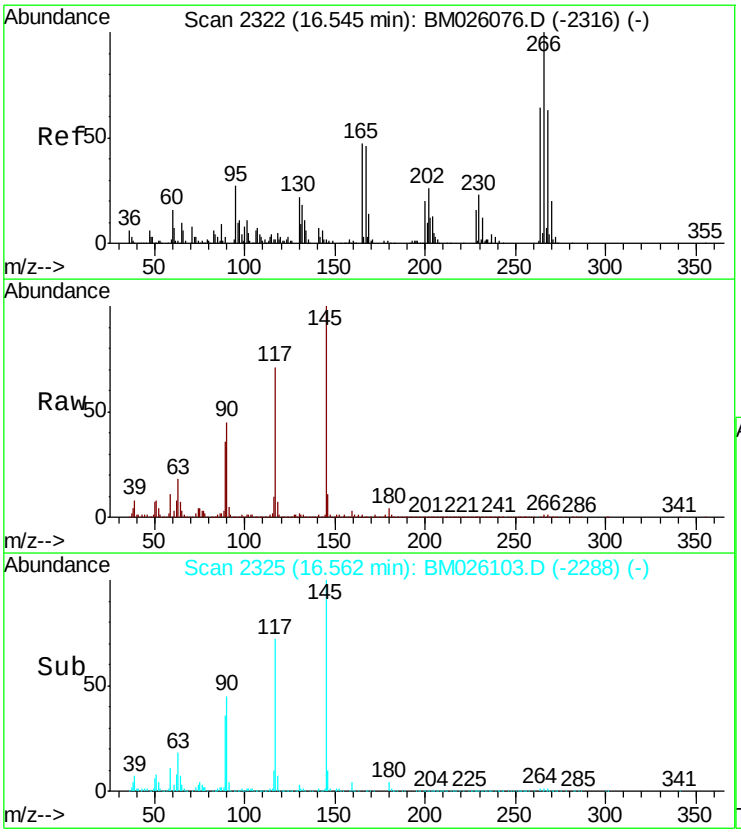
#61
4-Nitroaniline
Concen: 8.971 ng/ul
RT: 15.20 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 72607

Ion	Ratio	Lower	Upper
138	100		
92	11.9	49.4	74.2#
108	19.1	68.3	102.5#

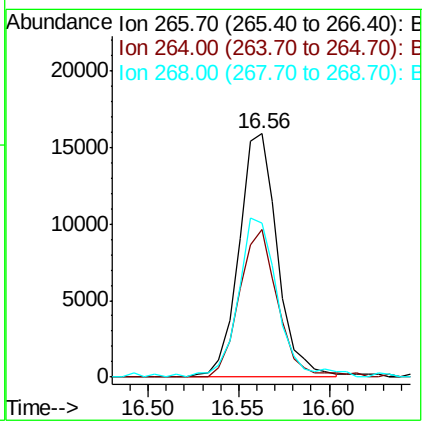


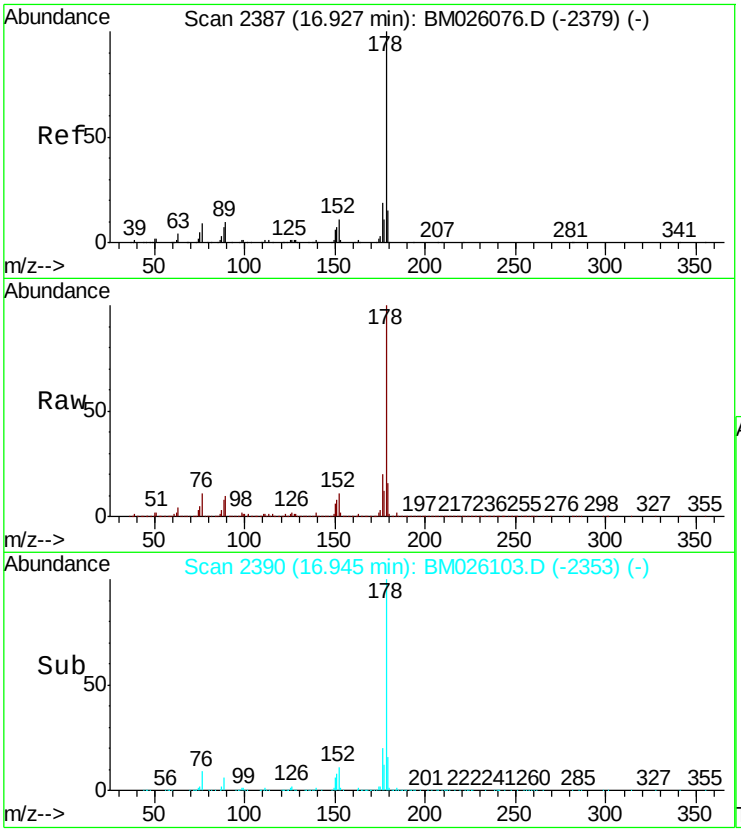


#69
Pentachlorophenol
Concen: 3.401 ng/ul
RT: 16.56 min Scan# 2325
Delta R.T. 0.02 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Tgt Ion:266 Resp: 23411

Ion	Ratio	Lower	Upper
266	100		
264	60.8	49.3	73.9
268	63.1	52.4	78.6



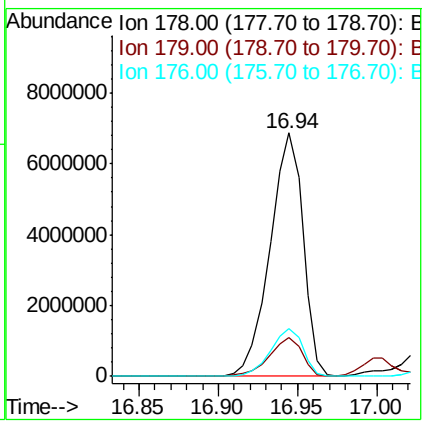


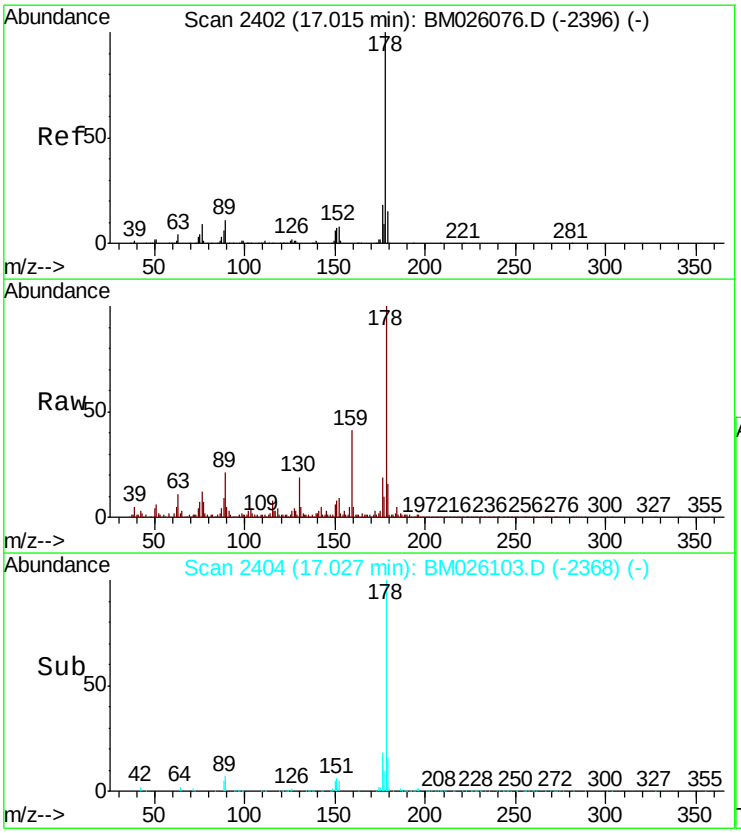
#70
Phenanthrene
Concen: 165.178 ng/ul
RT: 16.94 min Scan# 2390
Delta R.T. 0.02 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 9932513

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.9	17.9
176	19.7	14.9	22.3

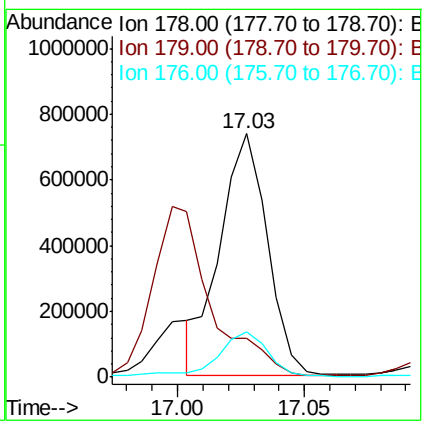


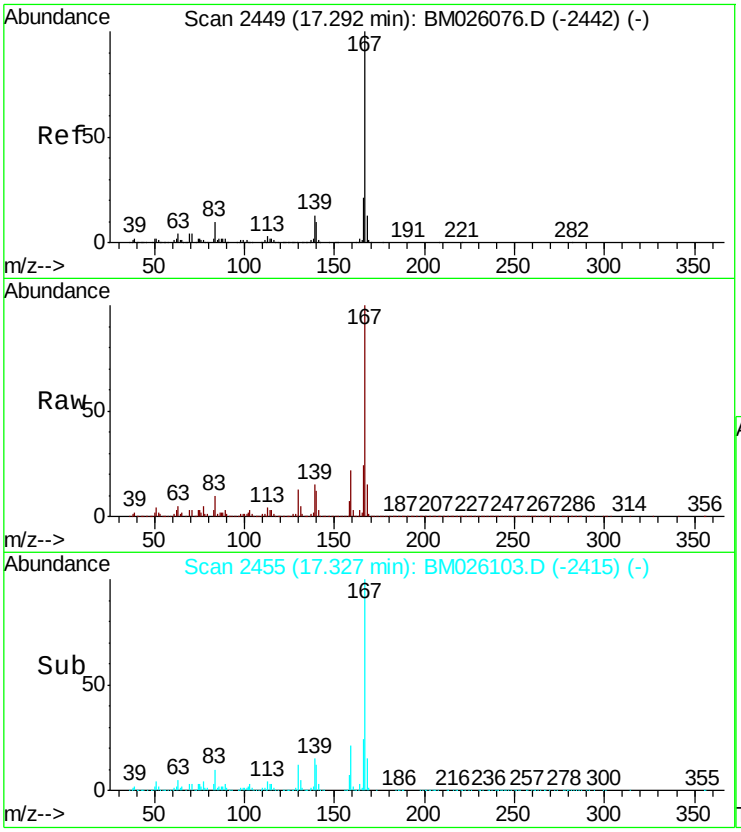


#72
Anthracene
Concen: 15.878 ng/ul
RT: 17.03 min Scan# 2404
Delta R.T. 0.01 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Tgt Ion:178 Resp: 957888

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.4
176	18.6	14.9	22.3



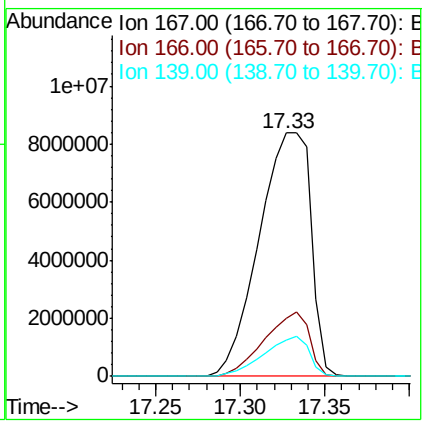


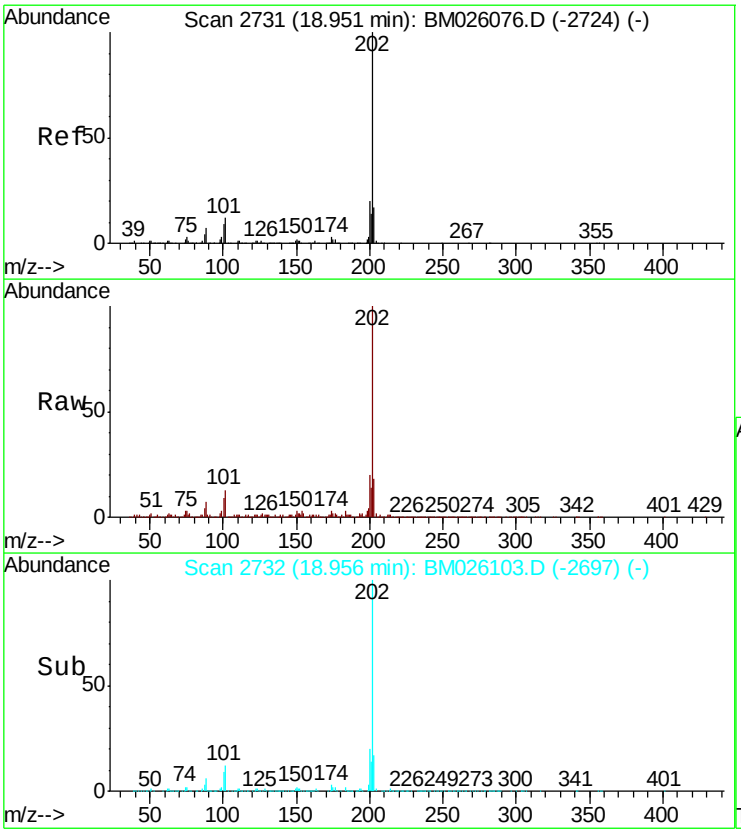
#75
Carbazole
Concen: 356.063 ng/ul
RT: 17.33 min Scan# 2455
Delta R.T. 0.04 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp:17771019

Ion	Ratio	Lower	Upper
167	100		
166	23.9	16.6	25.0
139	15.0	10.8	16.2

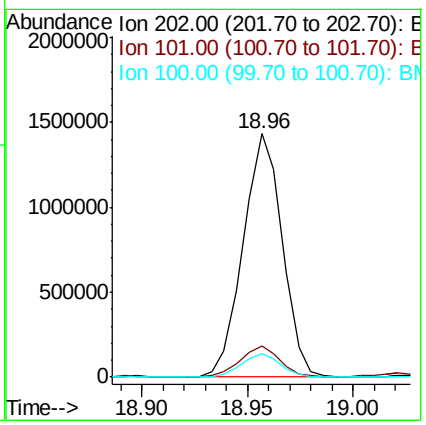


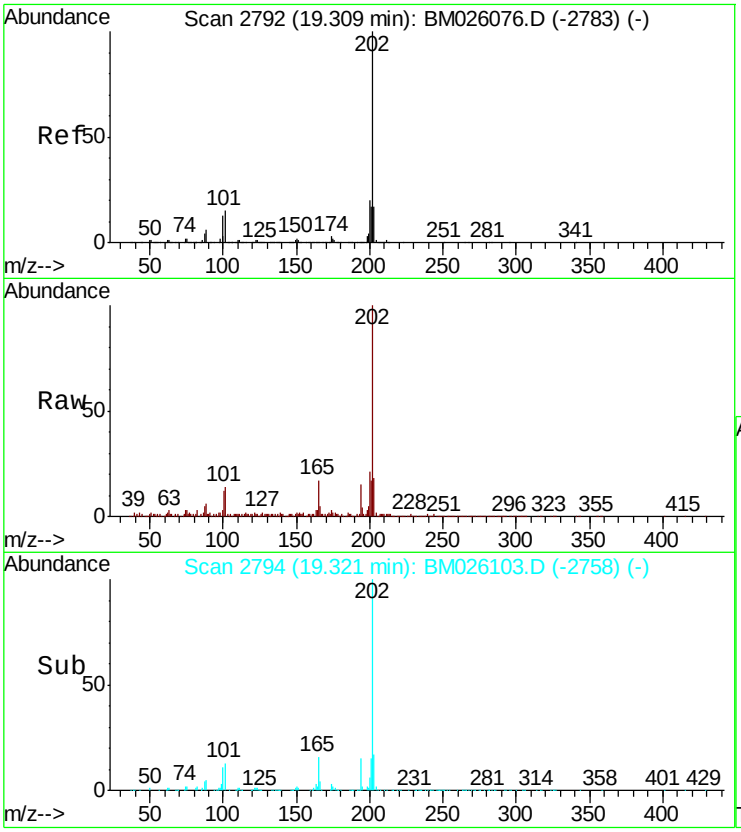


#77
Fluoranthene
Concen: 29.177 ng/ul
RT: 18.96 min Scan# 2732
Delta R.T. 0.01 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Tgt Ion:202 Resp: 1840387

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.5	14.3
100	9.5	7.6	11.4



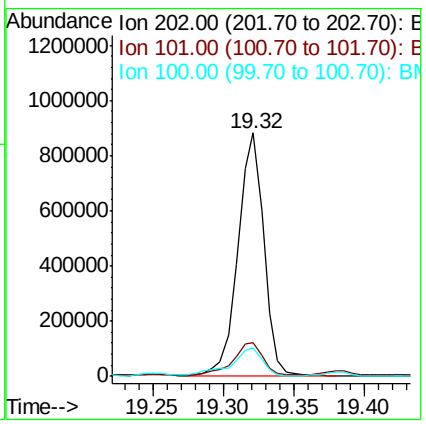


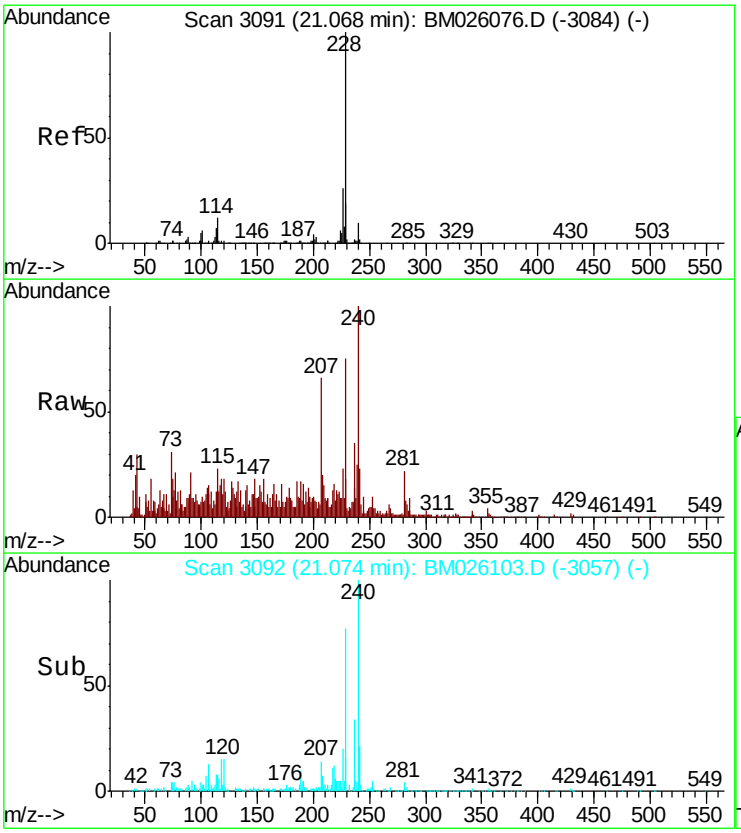
#80
Pyrene
Concen: 16.570 ng/ul
RT: 19.32 min Scan# 2794
Delta R.T. 0.01 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1124197

Ion	Ratio	Lower	Upper
202	100		
101	14.1	12.2	18.4
100	11.6	10.2	15.4





#83
Benzo(a)anthracene
Concen: 1.330 ng/ul
RT: 21.07 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BM026103.D
Acq: 23 May 2020 06:06

Tgt Ion:228 Resp: 88605

Ion	Ratio	Lower	Upper
228	100		
229	24.4	15.5	23.3#
226	30.9	21.2	31.8