Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026104.D
Acq On : 23 May 2020 06:42
Operator : MA/SJ
Sample : L2737-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 23 08:18:51 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	206776	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	1754	20.00	ng/ul	-0.07
36) Acenaphthene-d10	14.14	164	506414	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1009855	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1008652	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1050934	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	32231	4.70	ng/uL	0.00
5) Phenol-d5	6.70	99	187527	10.00	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.85	67	444430	34.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	440671	30.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	313611	22.18	ng/ul	0.02
19) Nitrobenzene-d5	8.59	128	2516	175.96	ng/ul	-0.05
22) 2-Nitrophenol-d4	9.38	143	292064	20646.59	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	9.96	165	471852	16614.42	ng/ul	0.08
29) 4-Chloroaniline-d4	10.33	131	52324	1816.47	ng/ul	-0.06
44) Dimethylphthalate-d6	13.57	166	1457852	35.90	ng/ul	0.02
47) Acenaphthylene-d8	13.83	160	1778542	36.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	76437	10.63	ng/ul	0.02
58) Fluorene-d10	15.14	176	1294678	36.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	201865	34.28	ng/ul	0.02
71) Anthracene-d10	17.00	188	1873071	37.64	ng/ul	0.02
79) Pyrene-d10	19.29	212	2060118	39.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	1962811	35.09	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	6.66	77	15192	1.245	ng/ul#	1
11) 2-Methylphenol	7.96	108	1177729	81.290	ng/ul	99
14) Acetophenone	8.33	105	157794	6.653	ng/ul#	61
16) 4-Methylphenol	8.28	108	927406	58.860	ng/ul	87
17) Hexachloroethane	8.59	117	46750	6.809	ng/ul#	10
20) Nitrobenzene	8.59	77	10501	239.109	ng/ul#	17
21) Isophorone	9.15	82	128	1.752	ng/ul#	1
23) 2-Nitrophenol	9.30	139	161	9.792	ng/ul#	1
24) 2,4-Dimethylphenol	9.52	107	2965640	75501.502	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.61	93	199	4.319	ng/ul#	1
27) 2,4-Dichlorophenol	9.93	162	57	1.935	ng/ul#	1
30) 4-Chloroaniline	10.39	127	16230320	539389.022	ng/ul#	12
32) Caprolactam	11.13	113	1067	130.246	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.49	107	20364	596.938	ng/ul#	1
34) 2-Methylnaphthalene	11.96	142	18233797	252782.802	ng/ul	97
35) 1-Methylnaphthalene	11.96	142	18233797	272464.025	ng/ul	99
41) 1,1'-Biphenyl	12.97	154	4033318	89.758	ng/ul	99
43) 2-Nitroaniline	13.19	65	11957	1.023	ng/ul#	48
45) Dimethylphthalate	13.62	163	146254	3.430	ng/ul	98
48) Acenaphthylene	13.86	152	231203	4.377	ng/ul#	83
50) Acenaphthene	14.22	153	13753690	369.210	ng/ul	96
53) 4-Nitrophenol	14.34	109	8733	1.365	ng/ul#	1
54) Dibenzofuran	14.56	168	11758224	224.602	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026104.D
Acq On : 23 May 2020 06:42
Operator : MA/SJ
Sample : L2737-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 23 08:18:51 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)
59) Fluorene	15.20	166	7562400	178.575	ng/ul	99
61) 4-Nitroaniline	15.20	138	87693	10.081	ng/ul#	29
65) N-Nitrosodiphenylamine	15.45	169	103571	3.060	ng/ul#	1
70) Phenanthrene	16.94	178	11509046	180.927	ng/ul	97
72) Anthracene	16.94	178	11509046	180.335	ng/ul	97
77) Fluoranthene	18.96	202	2744083	41.125	ng/ul	99
80) Pyrene	19.32	202	1763754	24.908	ng/ul	97
83) Benzo(a)anthracene	21.07	228	294590	4.237	ng/ul	97
85) Chrysene	21.07	228	300056	4.342	ng/ul	98
88) Benzo(b)fluoranthene	22.59	252	157091	2.210	ng/ul#	91
89) Benzo(k)fluoranthene	22.59	252	157091	2.212	ng/ul#	90
91) Benzo(a)pyrene	23.12	252	76599	1.224	ng/ul	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
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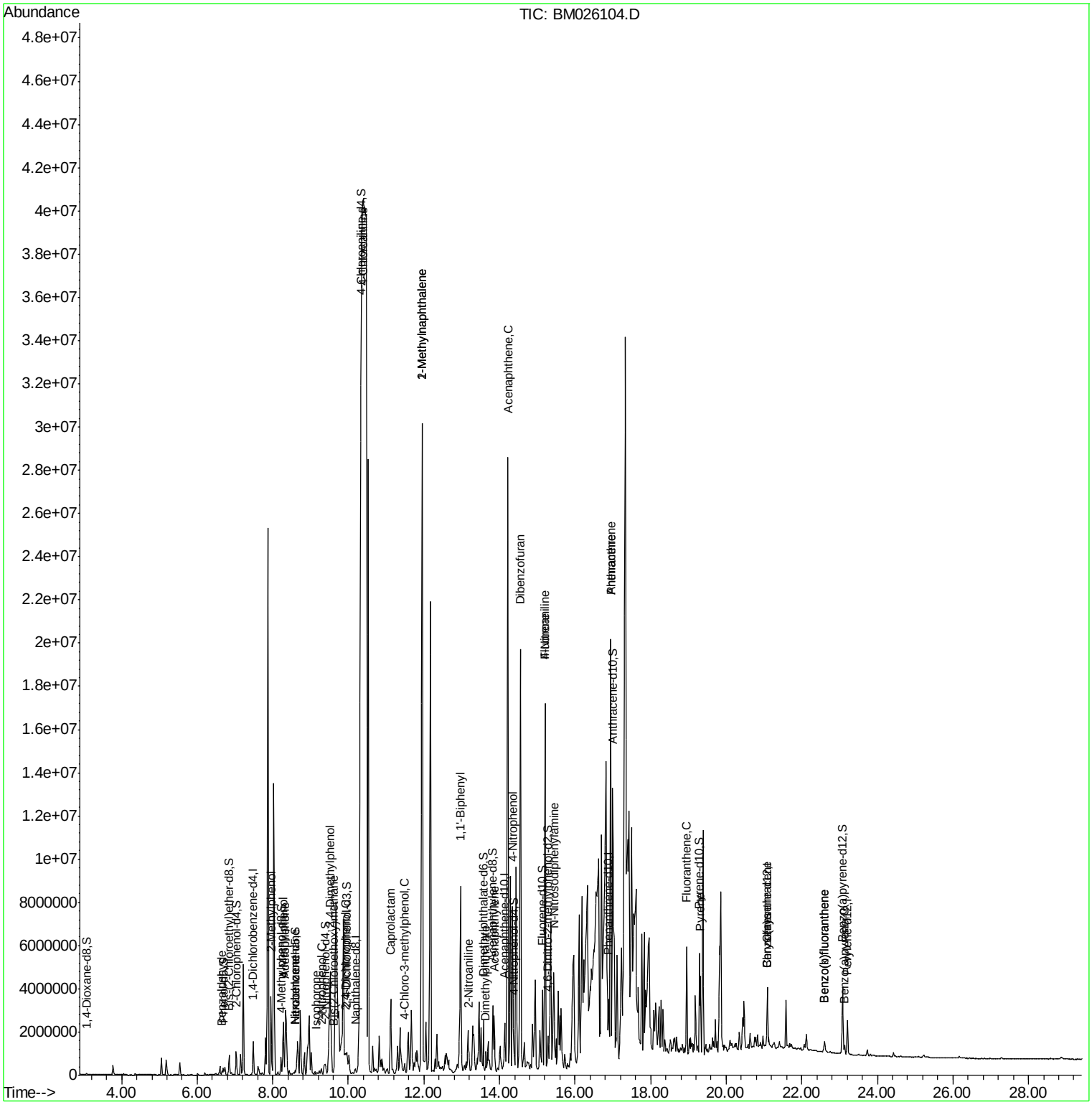
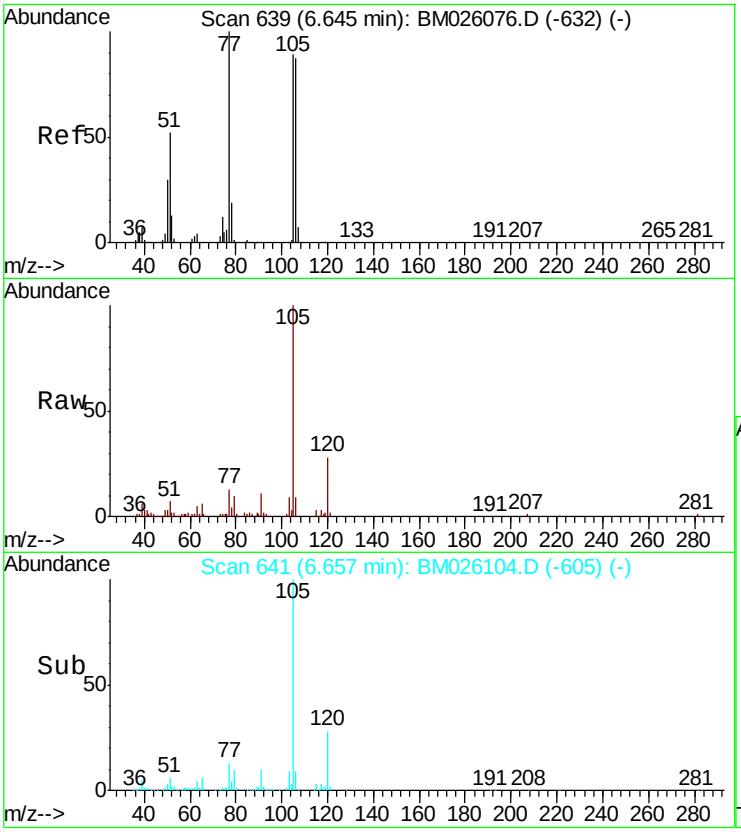
Acq On : 23 May 2020 06:42
Operator : MA/SJ
Sample : L2737-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 23 08:18:51 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



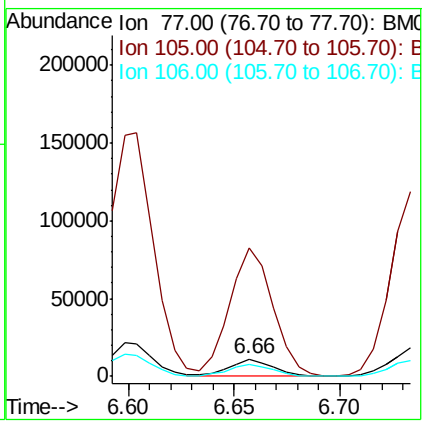


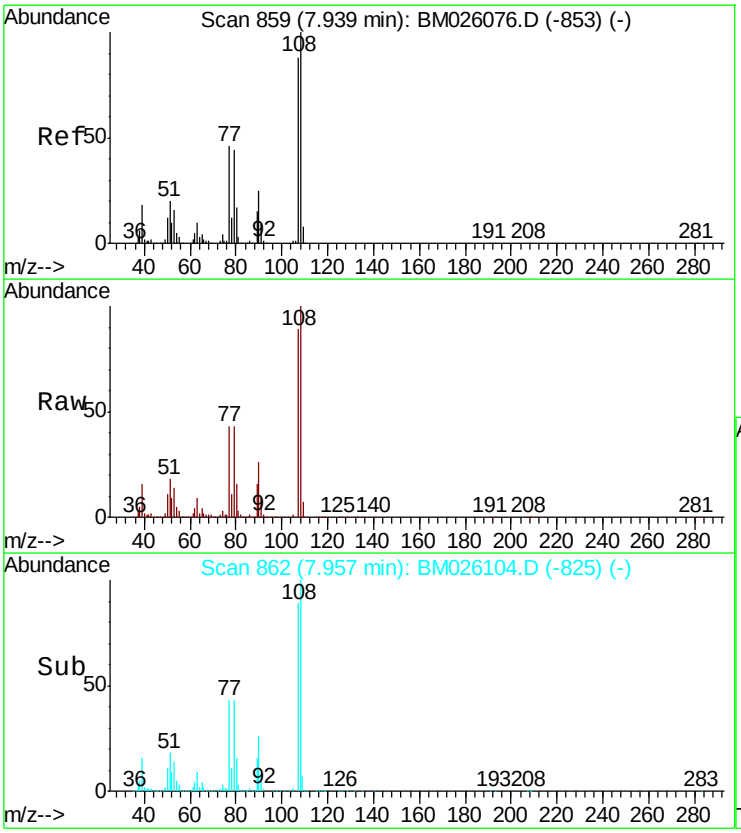
#4
Benzaldehyde
Concen: 1.245 ng/ul
RT: 6.66 min Scan# 641
Delta R.T. 0.01 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 15192

Ion	Ratio	Lower	Upper
77	100		
105	751.6	68.6	102.8#
106	66.7	63.4	95.0

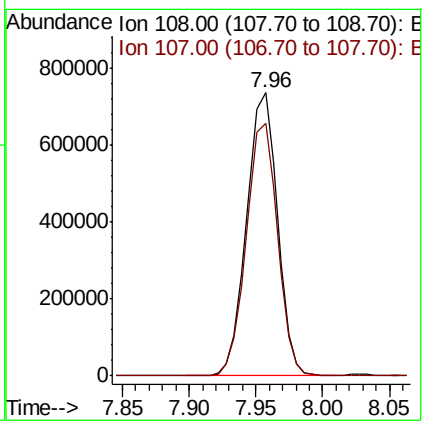


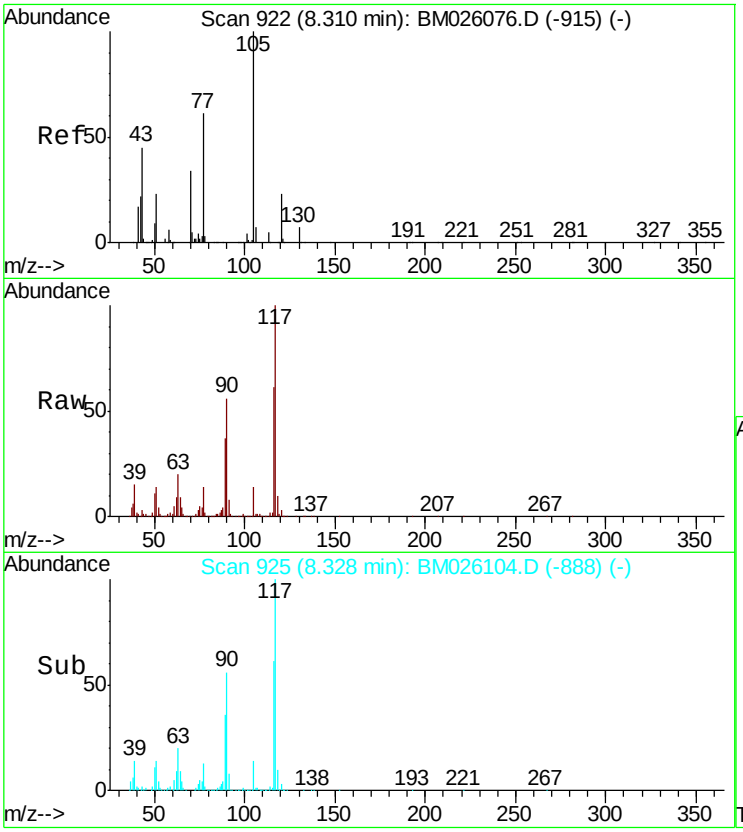


#11
2-Methylphenol
Concen: 81.290 ng/ul
RT: 7.96 min Scan# 862
Delta R.T. 0.02 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion:108 Resp: 1177729

Ion	Ratio	Lower	Upper
108	100		
107	89.4	72.3	108.5



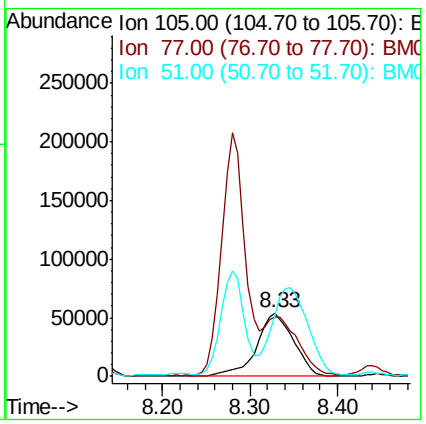


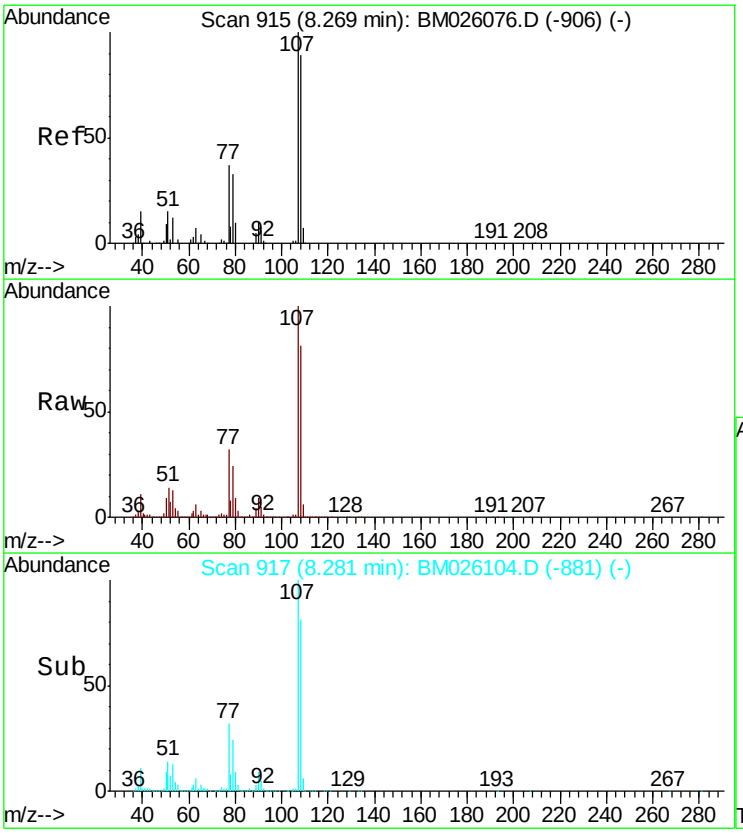
#14
Acetophenone
Concen: 6.653 ng/ul
RT: 8.33 min Scan# 925
Delta R.T. 0.02 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 157794

Ion	Ratio	Lower	Upper
105	100		
77	94.4	67.2	100.8
51	96.3	27.4	41.0#

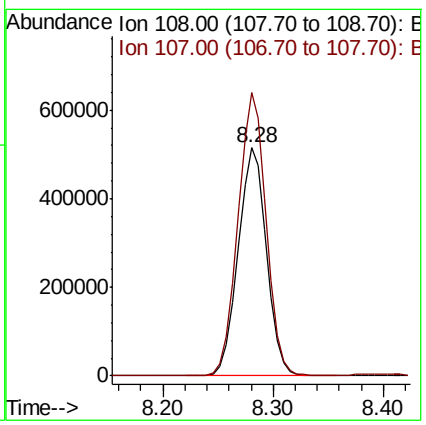


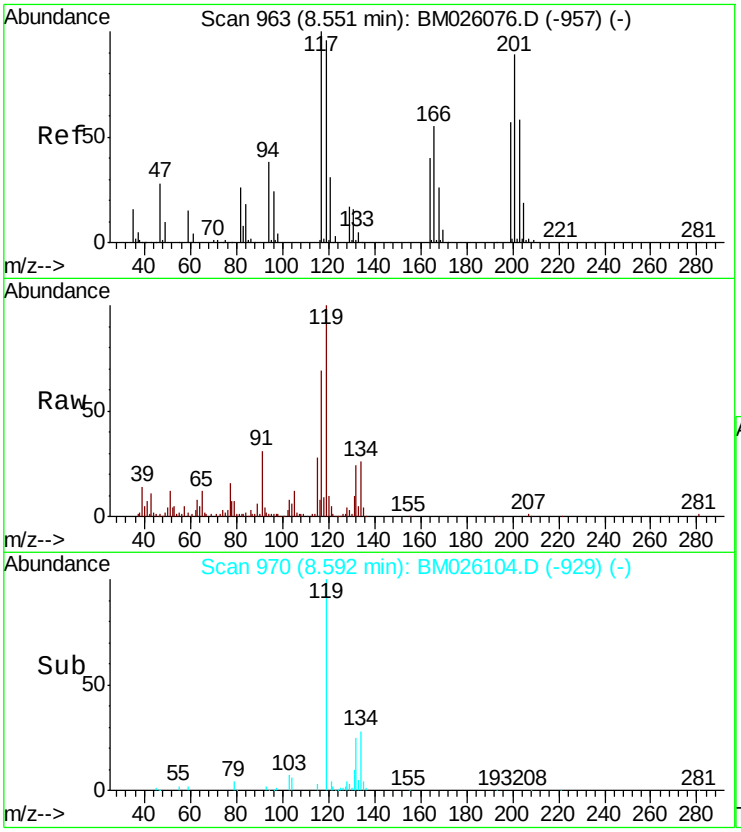


#16
4-Methylphenol
Concen: 58.860 ng/ul
RT: 8.28 min Scan# 917
Delta R.T. 0.01 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion:108 Resp: 927406

Ion	Ratio	Lower	Upper
108	100		
107	124.0	88.6	132.8



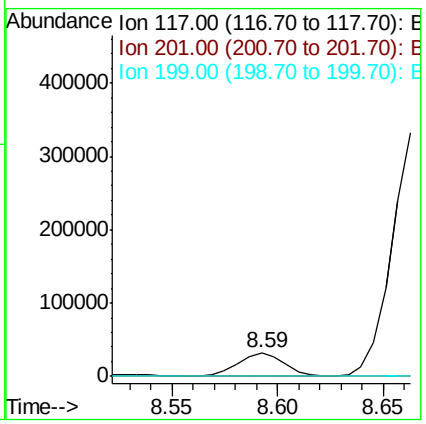


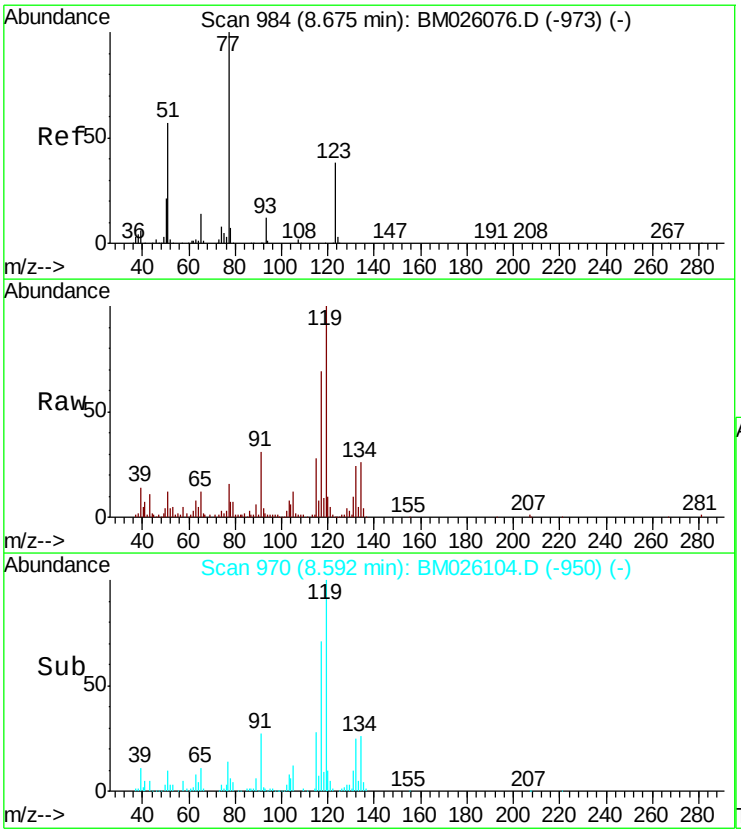
#17
Hexachloroethane
Concen: 6.809 ng/ul
RT: 8.59 min Scan# 970
Delta R.T. 0.04 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 46750

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

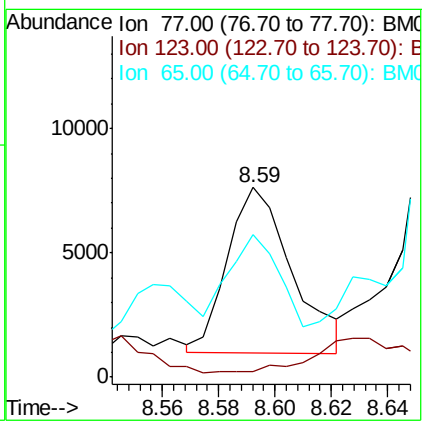


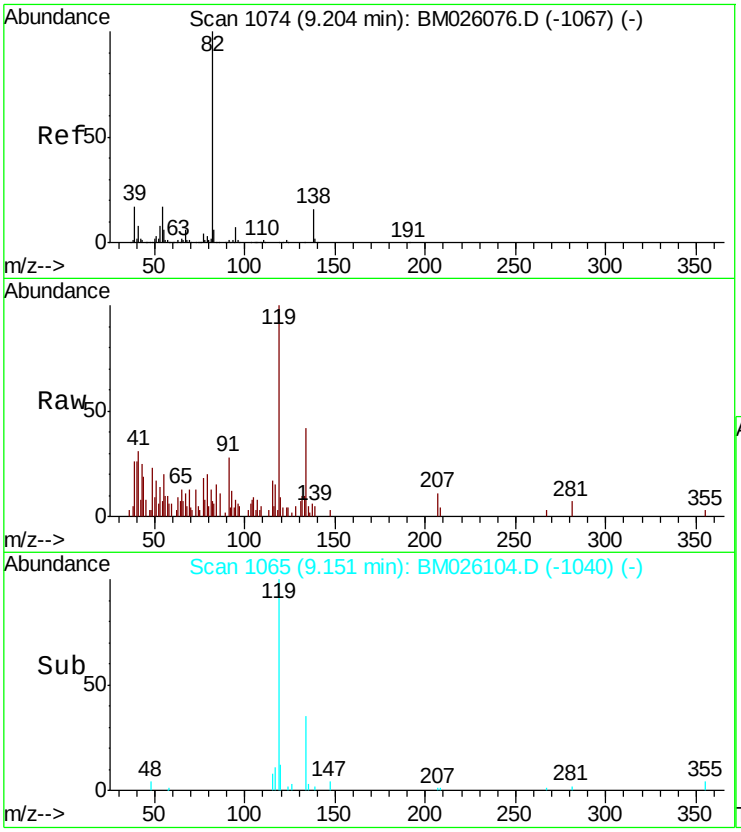


#20
Nitrobenzene
Concen: 239.109 ng/ul
RT: 8.59 min Scan# 970
Delta R.T. -0.08 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion: 77 Resp: 10501

Ion	Ratio	Lower	Upper
77	100		
123	2.6	29.5	44.3#
65	75.2	11.0	16.4#



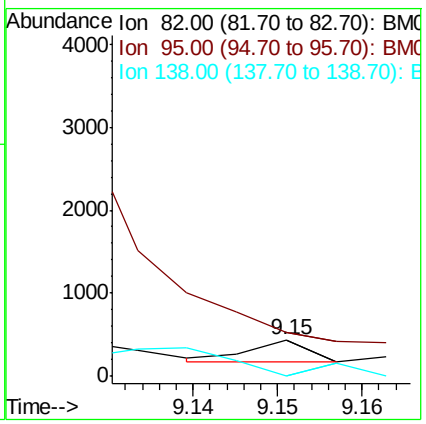


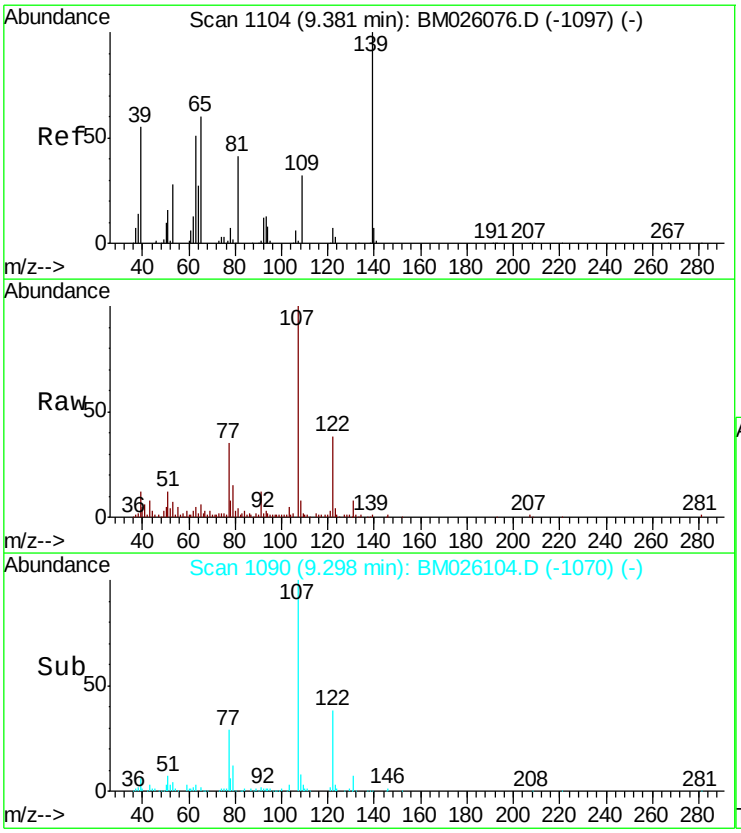
#21
Isophorone
Concen: 1.752 ng/ul
RT: 9.15 min Scan# 1065
Delta R.T. -0.05 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 128

Ion	Ratio	Lower	Upper
82	100		
95	120.6	5.6	8.4#
138	0.0	11.9	17.9#

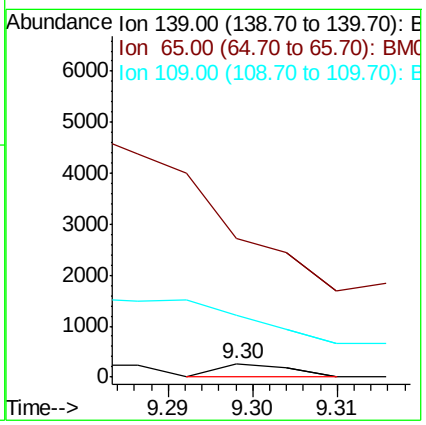


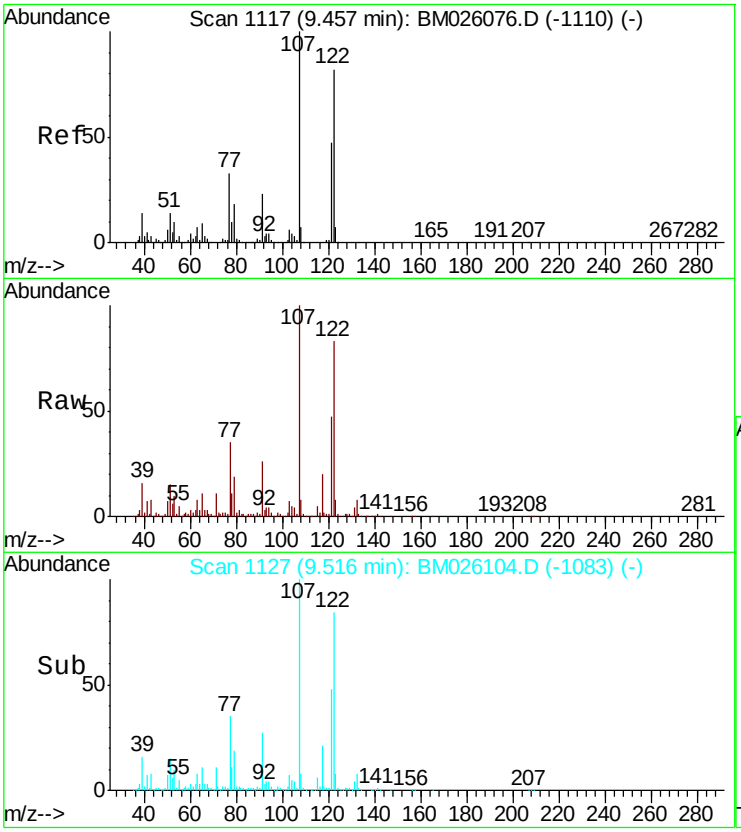


#23
2-Nitrophenol
Concen: 9.792 ng/ul
RT: 9.30 min Scan# 1090
Delta R.T. -0.08 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion:139 Resp: 161

Ion	Ratio	Lower	Upper
139	100		
65	1011.6	56.3	84.5#
109	454.5	27.4	41.2#



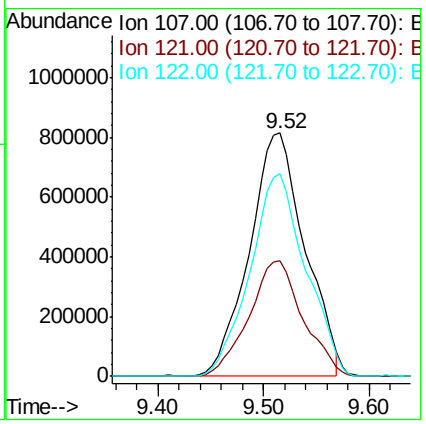


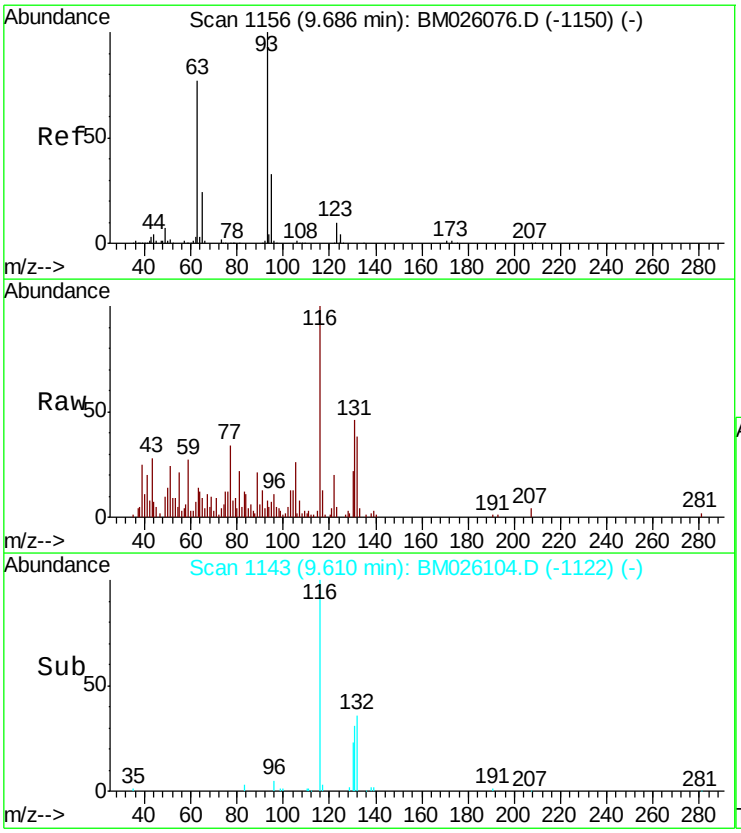
#24
2,4-Dimethylphenol
Concen: 75501.502 ng/ul
RT: 9.52 min Scan# 1127
Delta R.T. 0.06 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 2965640

Ion	Ratio	Lower	Upper
107	100		
121	47.3	37.5	56.3
122	83.0	63.8	95.6

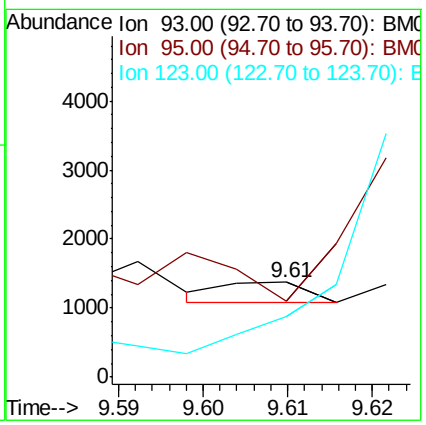


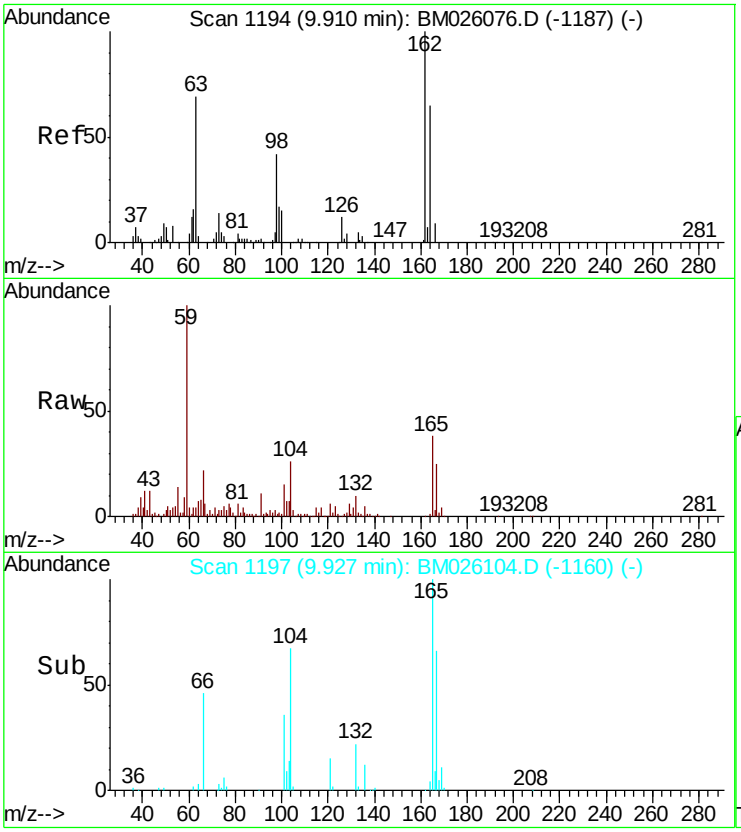


#25
Bis(2-Chloroethoxy)methane
Concen: 4.319 ng/ul
RT: 9.61 min Scan# 1143
Delta R.T. -0.08 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion: 93 Resp: 199

Ion	Ratio	Lower	Upper
93	100		
95	80.1	25.5	38.3#
123	63.4	8.6	12.8#



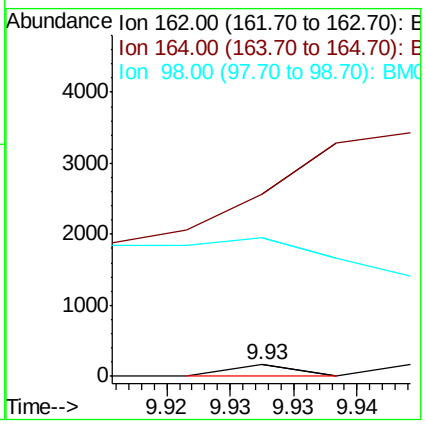


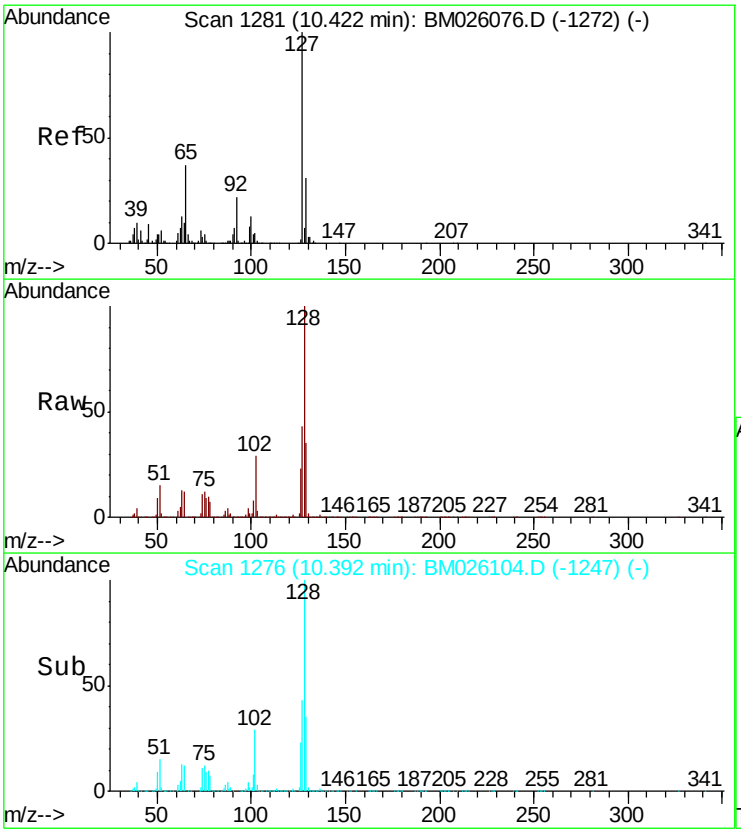
#27
2,4-Dichlorophenol
Concen: 1.935 ng/ul
RT: 9.93 min Scan# 1197
Delta R.T. 0.02 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 57

Ion	Ratio	Lower	Upper
162	100		
164	1584.0	51.0	76.4#
98	1201.9	32.1	48.1#

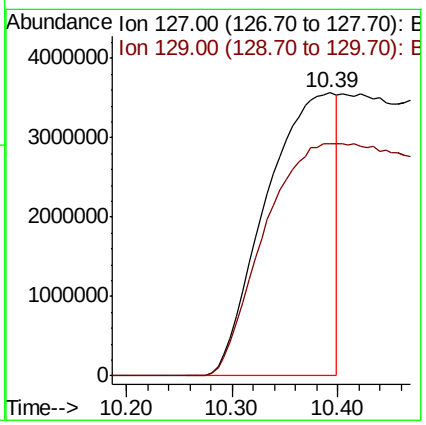


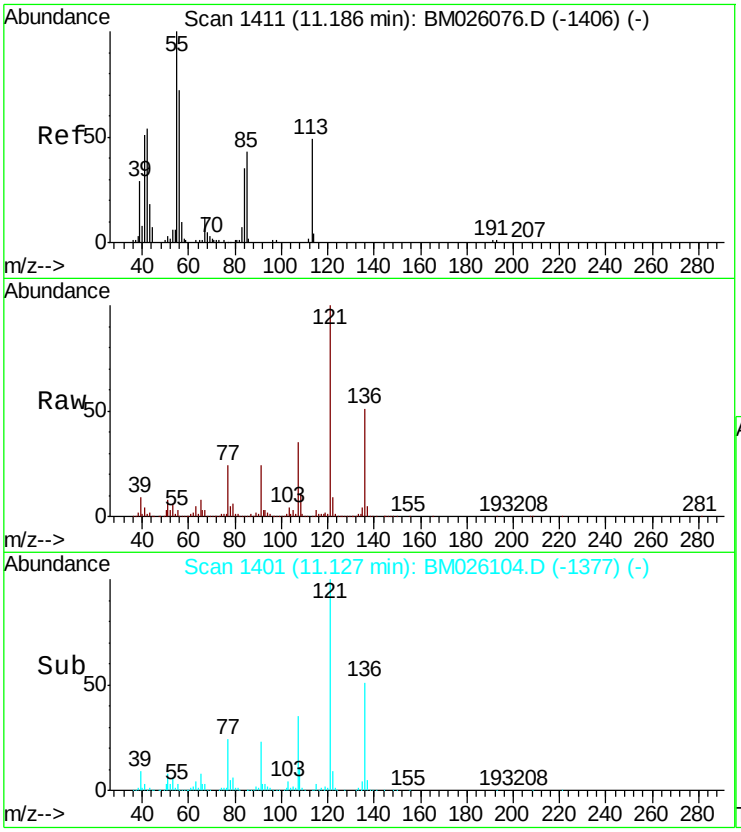


#30
4-Chloroaniline
Concen: 539389.022 ng/ul
RT: 10.39 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion:127 Resp:16230320

Ion	Ratio	Lower	Upper
127	100		
129	82.0	26.2	39.2#



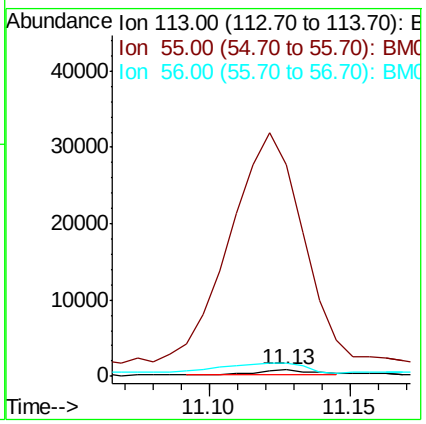


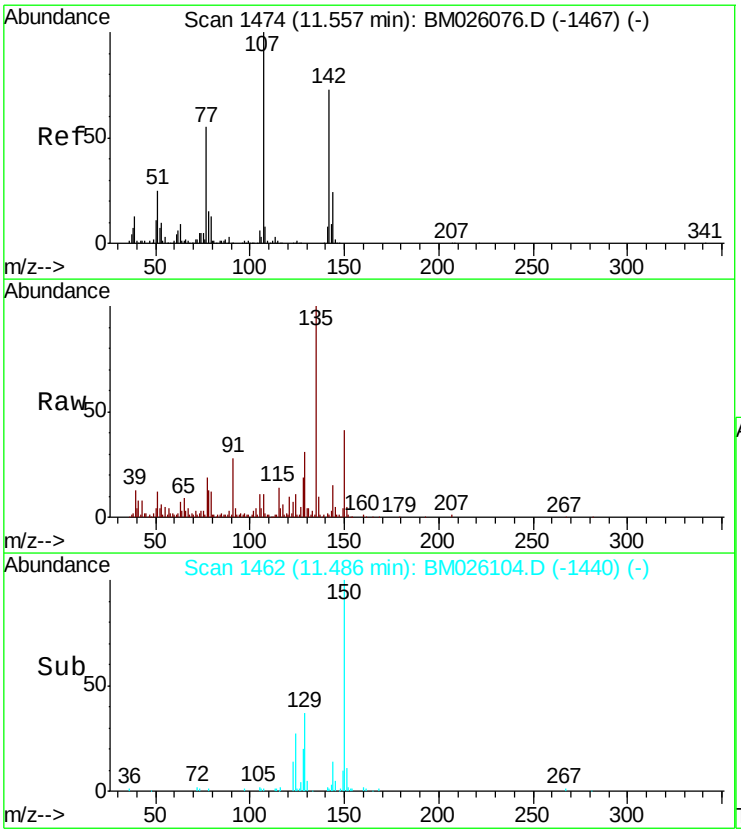
#32
Caprolactam
Concen: 130.246 ng/ul
RT: 11.13 min Scan# 1401
Delta R.T. -0.06 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 1067

Ion	Ratio	Lower	Upper
113	100		
55	3365.6	160.6	241.0#
56	216.6	114.6	172.0#

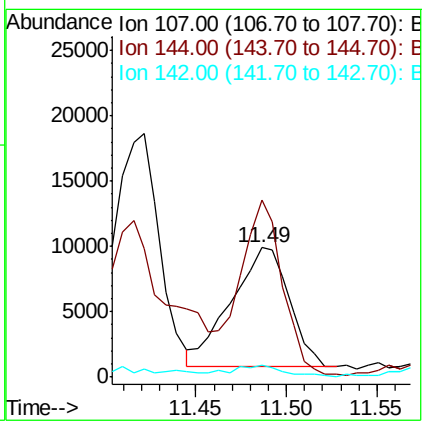


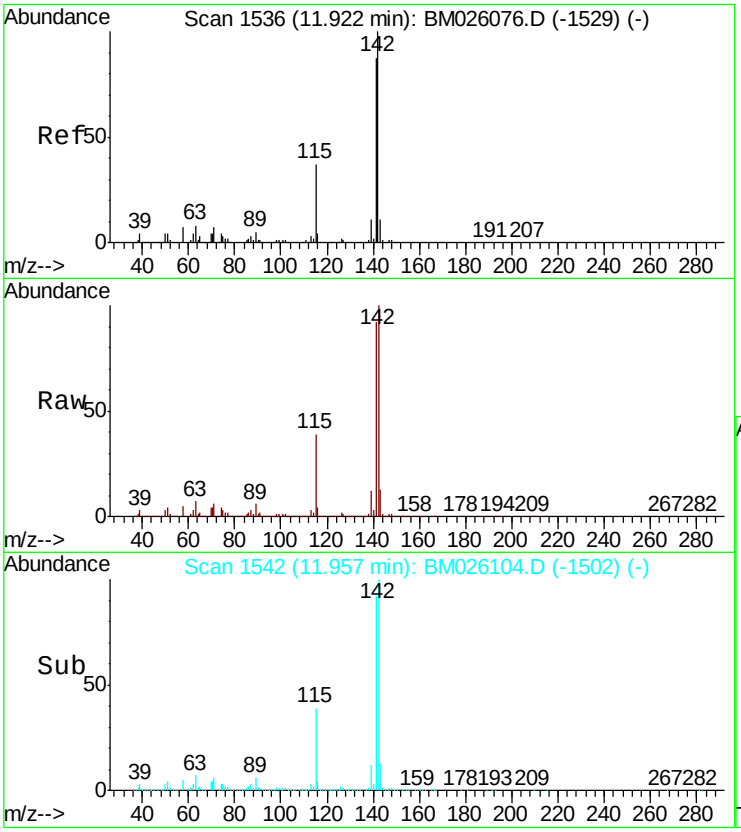


#33
4-Chloro-3-methylphenol
Concen: 596.938 ng/ul
RT: 11.49 min Scan# 1462
Delta R.T. -0.07 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion:107 Resp: 20364

Ion	Ratio	Lower	Upper
107	100		
144	136.7	18.1	27.1#
142	9.2	56.0	84.0#



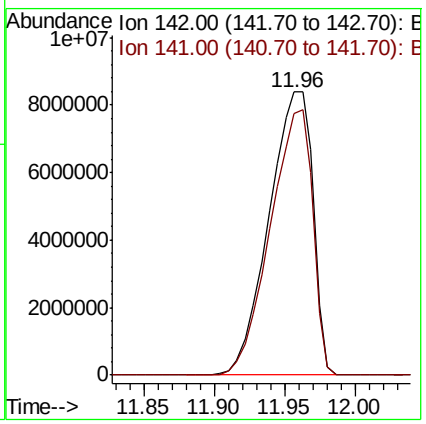


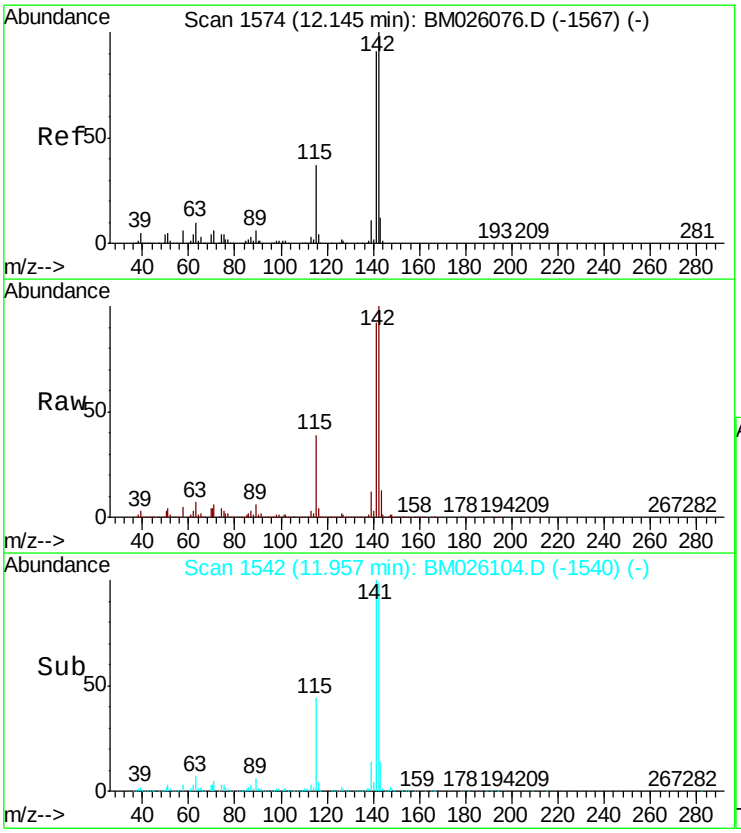
#34
2-Methylnaphthalene
Concen: 252782.802 ng/ul
RT: 11.96 min Scan# 1542
Delta R.T. 0.04 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp:18233797

Ion	Ratio	Lower	Upper
142	100		
141	92.4	71.8	107.6

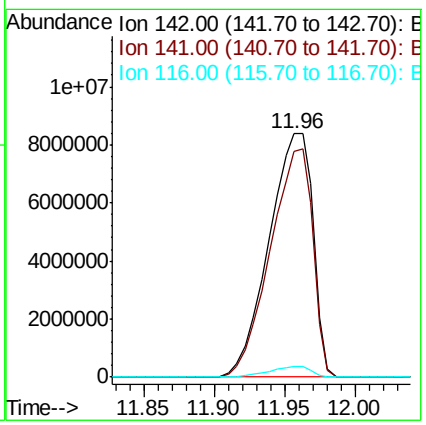


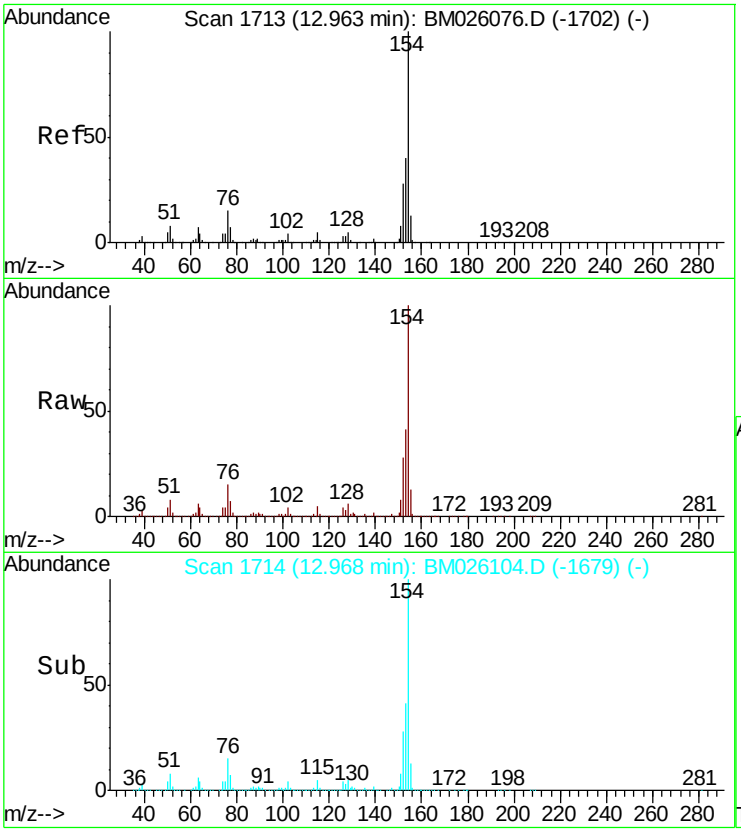


#35
1-Methylnaphthalene
Concen: 272464.025 ng/ul
RT: 11.96 min Scan# 1542
Delta R.T. -0.19 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion:142 Resp:18233797

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.0	109.4
116	4.2	3.3	4.9



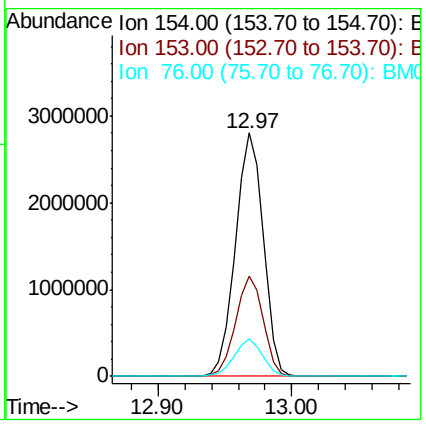


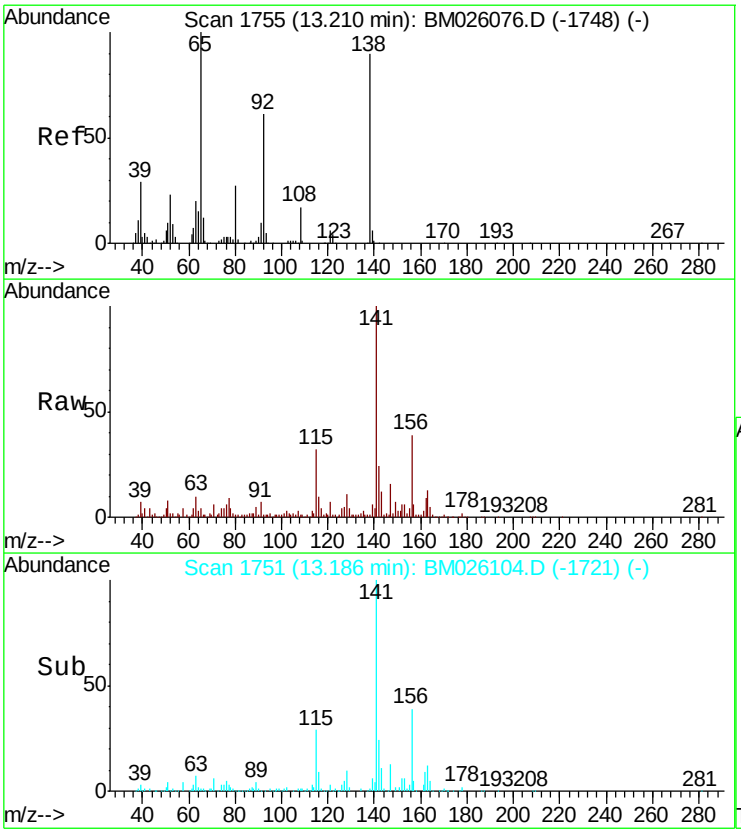
#41
1,1'-Biphenyl
Concen: 89.758 ng/ul
RT: 12.97 min Scan# 1714
Delta R.T. 0.01 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 4033318

Ion	Ratio	Lower	Upper
154	100		
153	41.0	32.3	48.5
76	15.2	13.0	19.6

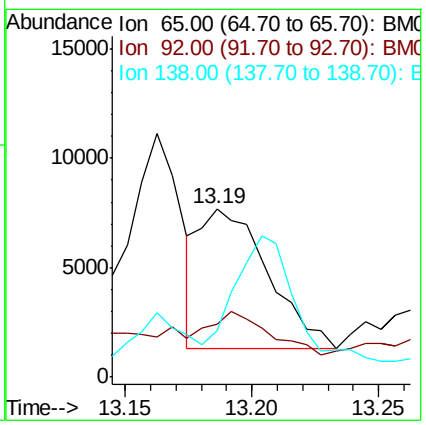


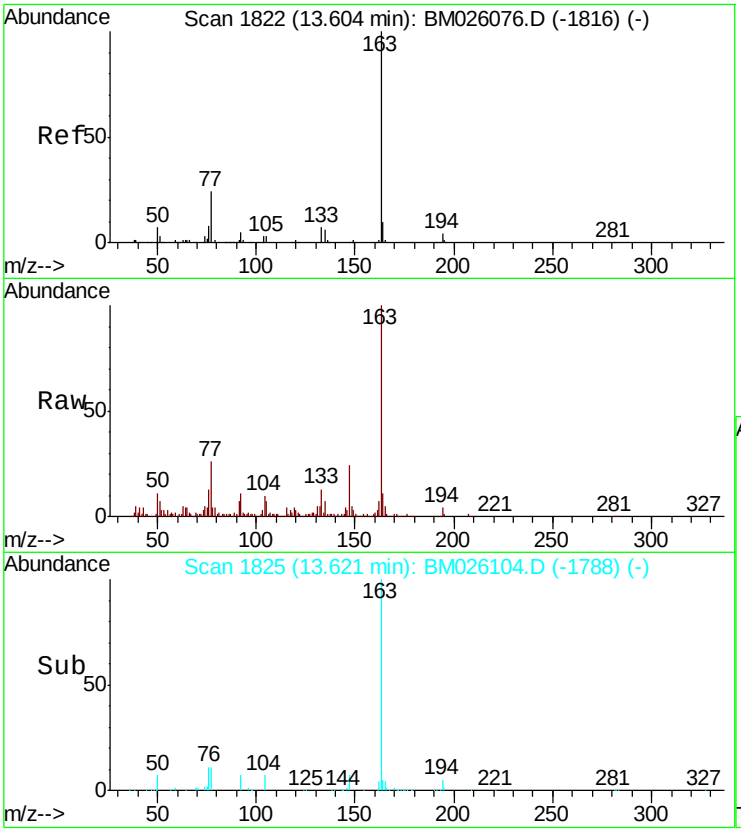


#43
2-Nitroaniline
Concen: 1.023 ng/ul
RT: 13.19 min Scan# 1751
Delta R.T. -0.02 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion: 65 Resp: 11957

Ion	Ratio	Lower	Upper
65	100		
92	31.5	49.4	74.2#
138	27.8	65.9	98.9#



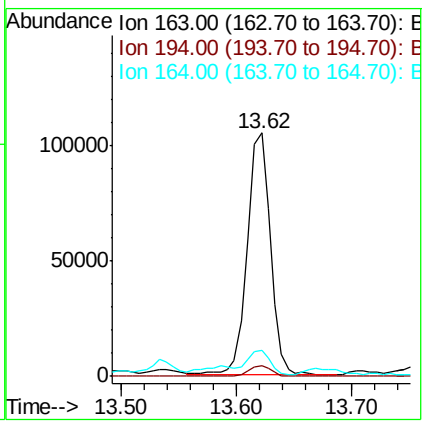


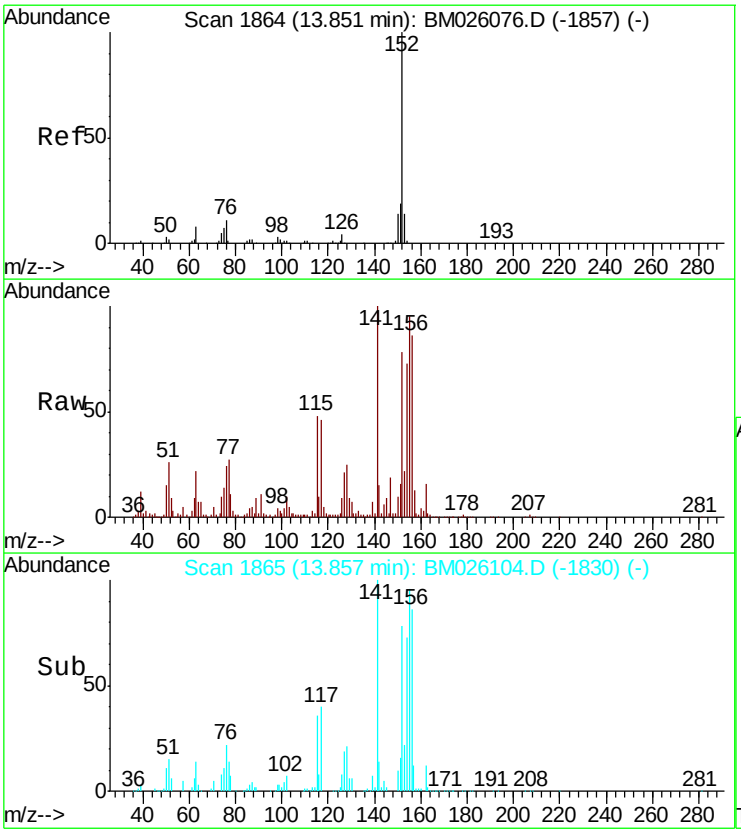
#45
Dimethylphthalate
Concen: 3.430 ng/ul
RT: 13.62 min Scan# 1825
Delta R.T. 0.02 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 146254

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	10.8	8.0	12.0

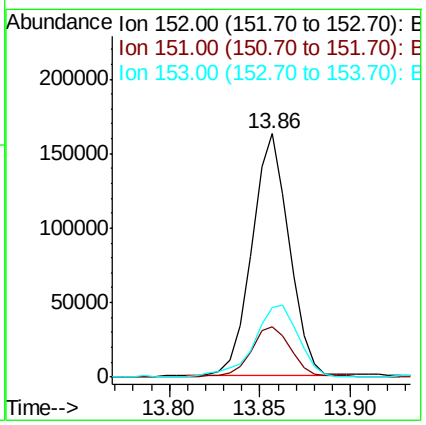


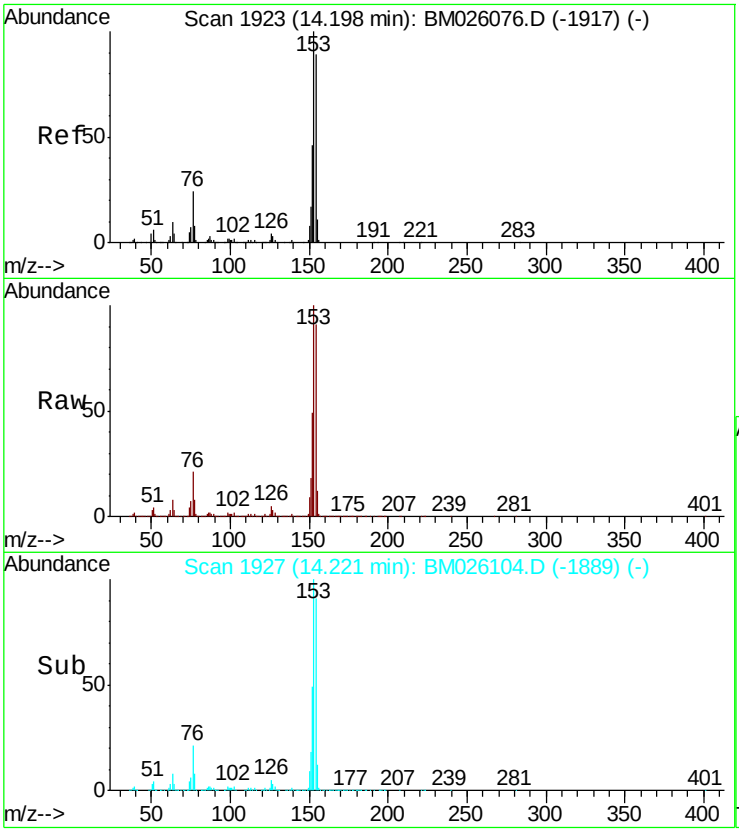


#48
Acenaphthylene
Concen: 4.377 ng/ul
RT: 13.86 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion:152 Resp: 231203

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.7	23.5
153	28.5	10.2	15.2#



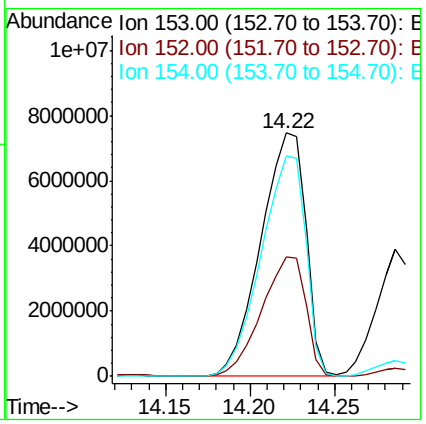


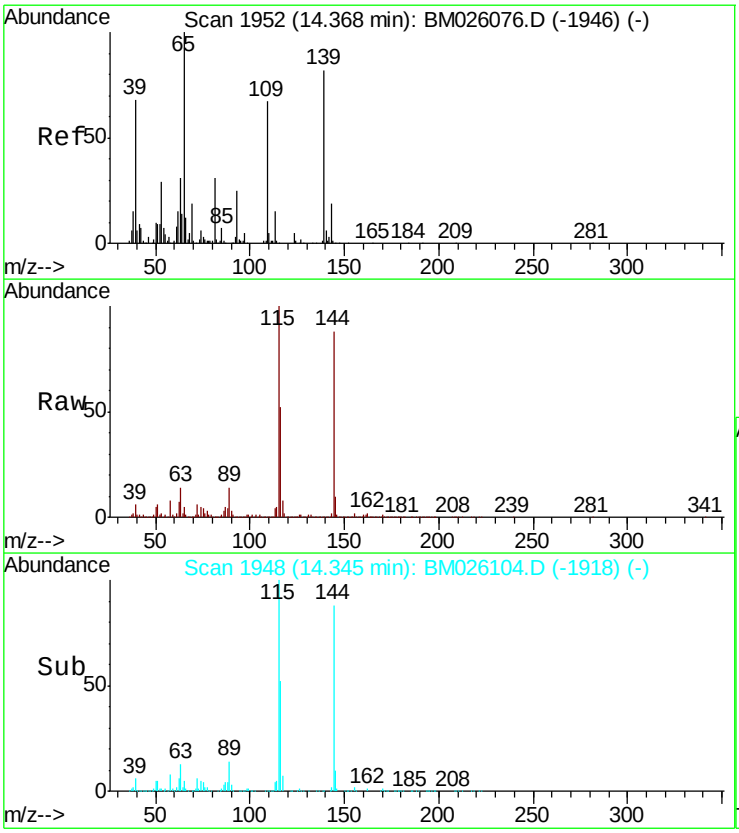
#50
Acenaphthene
Concen: 369.210 ng/ul
RT: 14.22 min Scan# 1927
Delta R.T. 0.02 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp:13753690

Ion	Ratio	Lower	Upper
153	100		
152	49.0	37.2	55.8
154	90.6	69.8	104.8

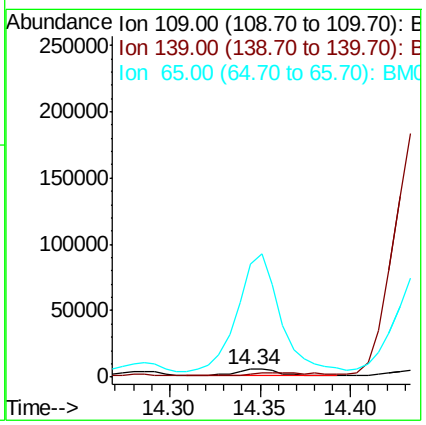


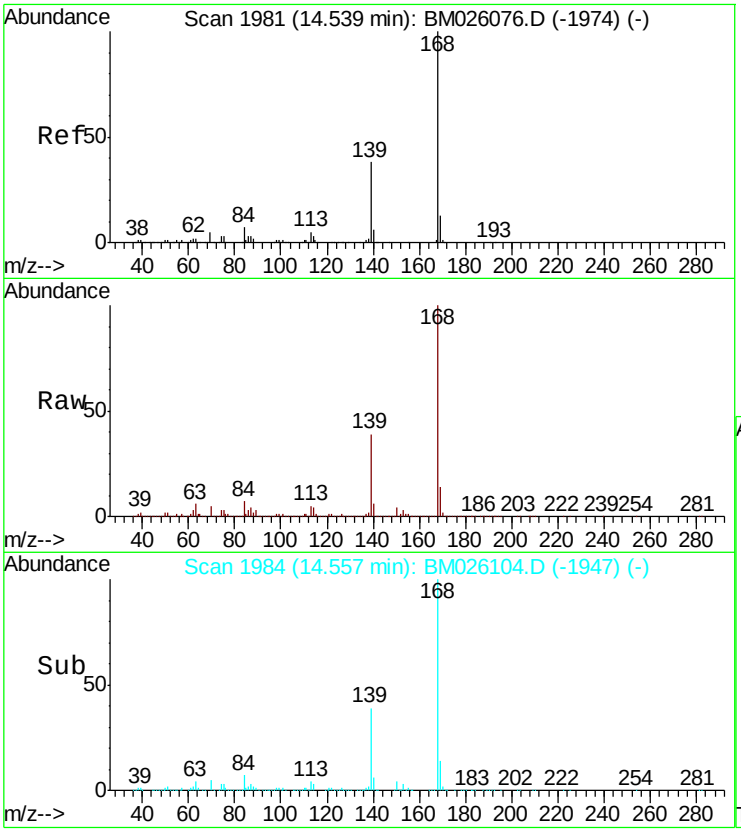


#53
4-Nitrophenol
Concen: 1.365 ng/ul
RT: 14.34 min Scan# 1948
Delta R.T. -0.02 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion:109 Resp: 8733

Ion	Ratio	Lower	Upper
109	100		
139	44.5	95.8	143.8#
65	1421.6	123.2	184.8#



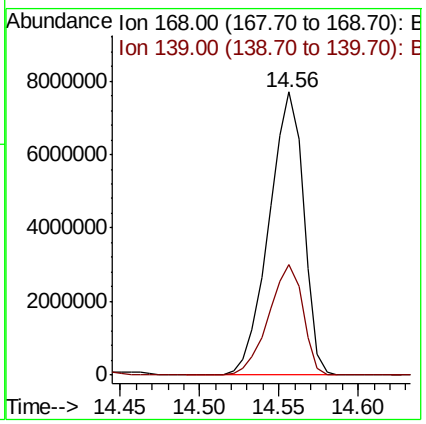


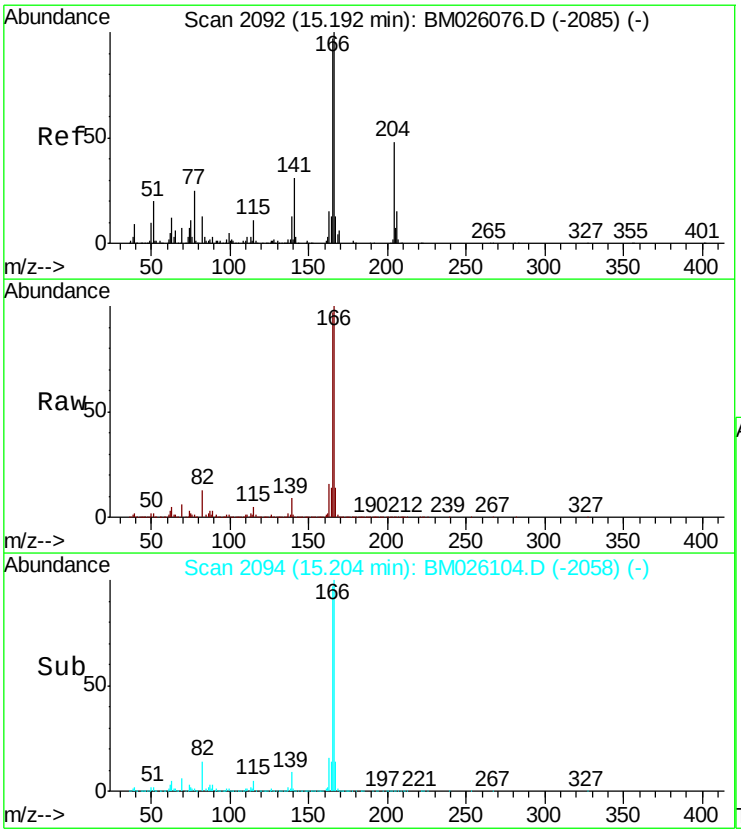
#54
Dibenzofuran
Concen: 224.602 ng/ul
RT: 14.56 min Scan# 1984
Delta R.T. 0.02 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp:11758224

Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.7	46.1

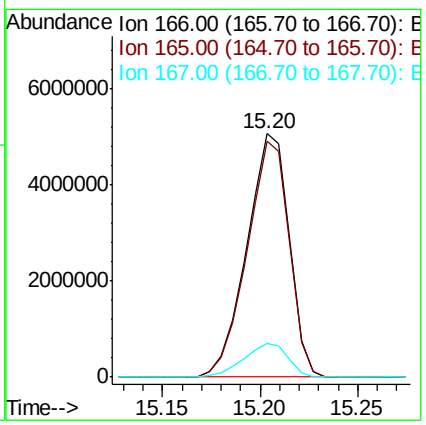


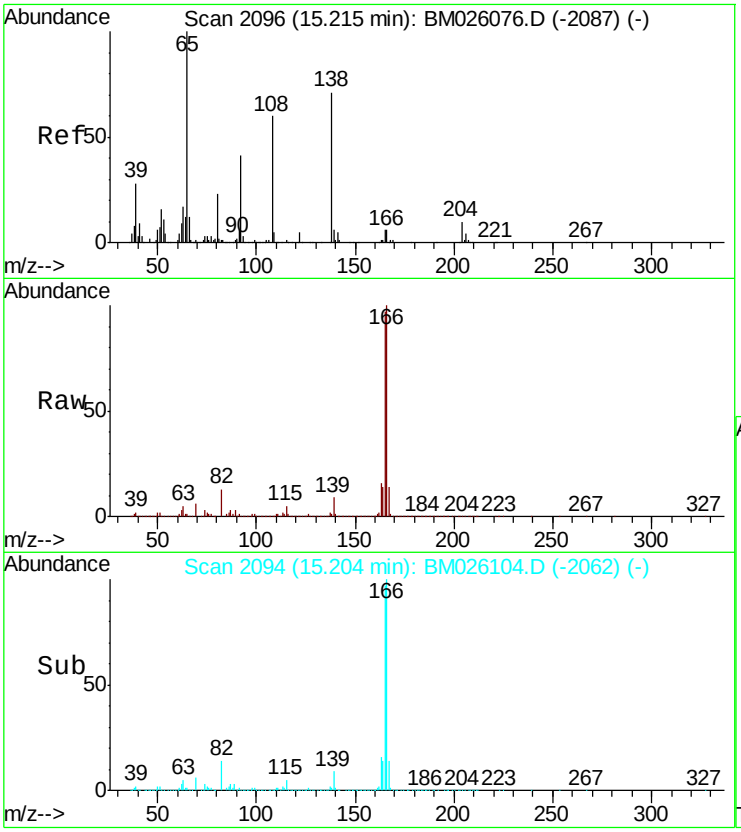


#59
Fluorene
Concen: 178.575 ng/ul
RT: 15.20 min Scan# 2094
Delta R.T. 0.01 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion:166 Resp: 7562400

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.3	115.9
167	14.1	10.6	16.0



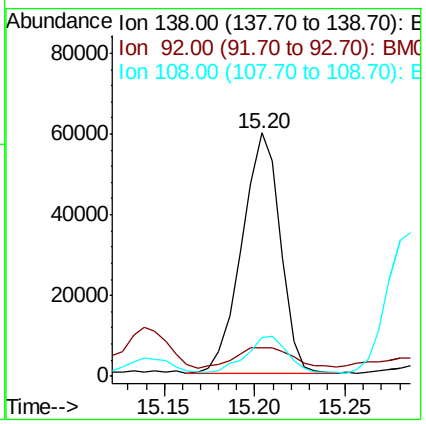


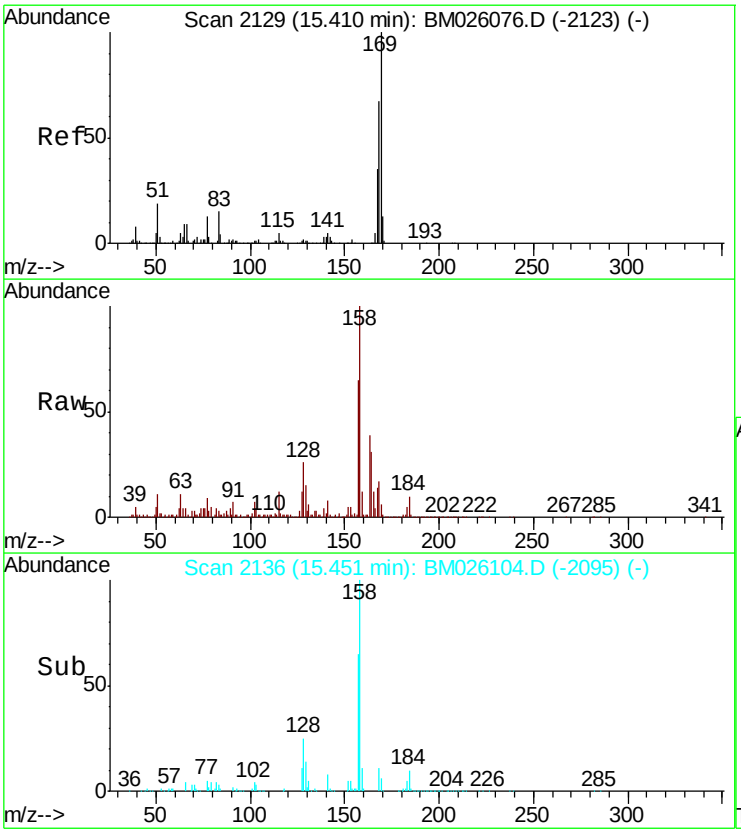
#61
4-Nitroaniline
Concen: 10.081 ng/ul
RT: 15.20 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 87693

Ion	Ratio	Lower	Upper
138	100		
92	11.9	49.4	74.2#
108	15.8	68.3	102.5#

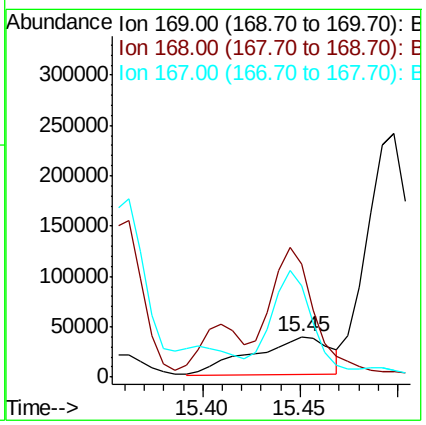


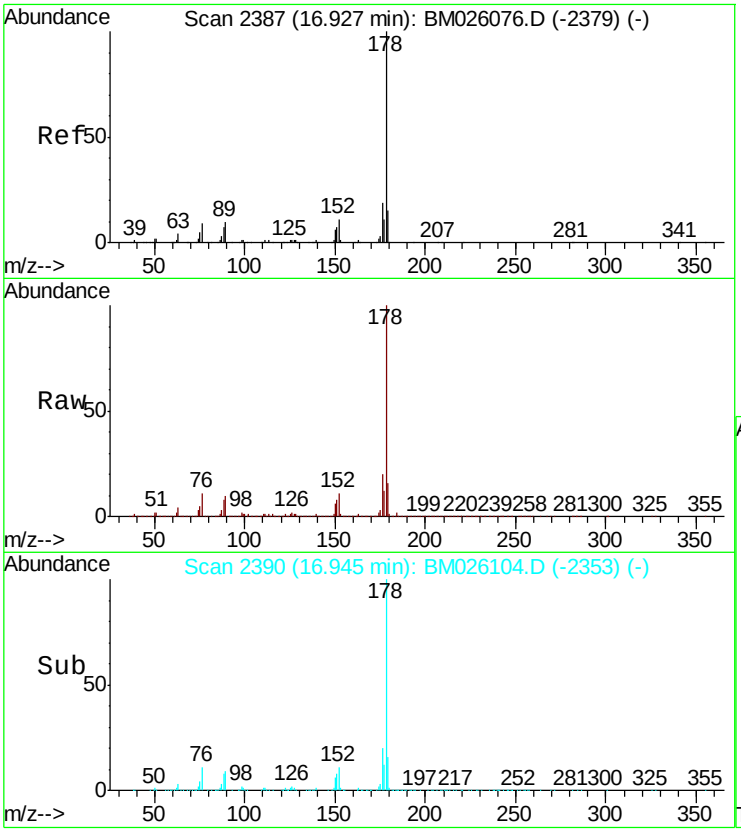


#65
N-Nitrosodiphenylamine
Concen: 3.060 ng/ul
RT: 15.45 min Scan# 2136
Delta R.T. 0.04 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion:169 Resp: 103571

Ion	Ratio	Lower	Upper
169	100		
168	278.9	52.6	78.8#
167	224.3	27.7	41.5#



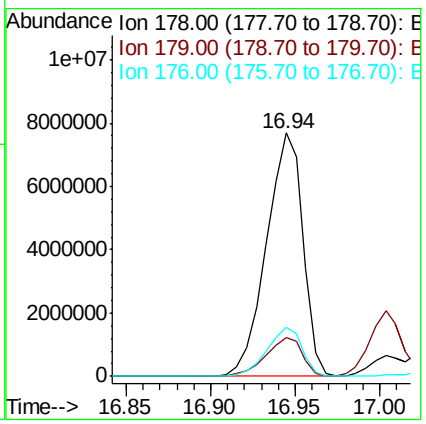


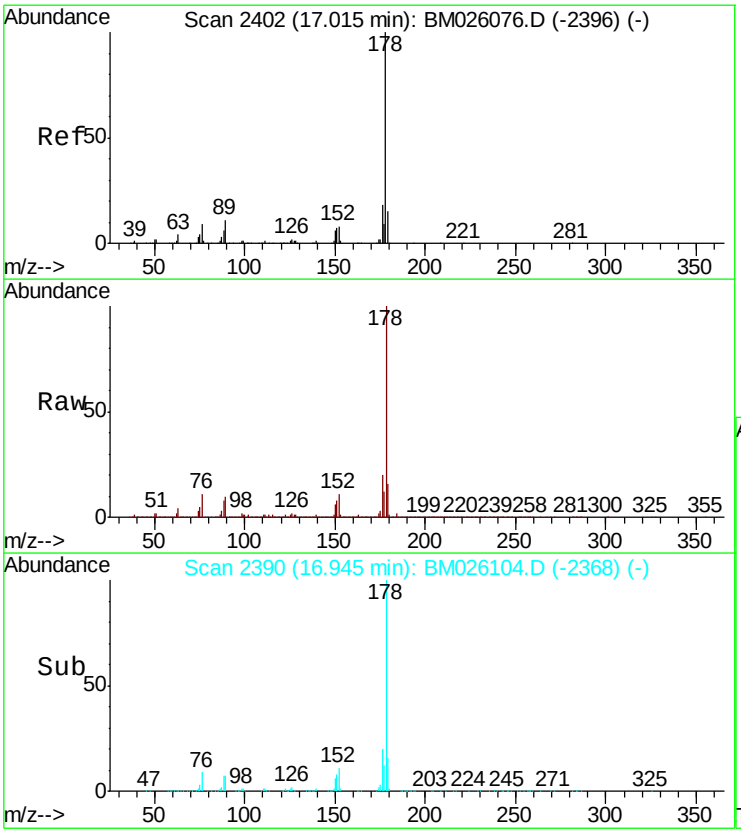
#70
Phenanthrene
Concen: 180.927 ng/ul
RT: 16.94 min Scan# 2390
Delta R.T. 0.02 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp:11509046

Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.9	17.9
176	20.1	14.9	22.3

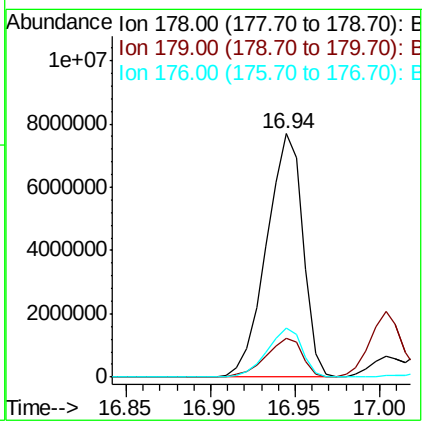


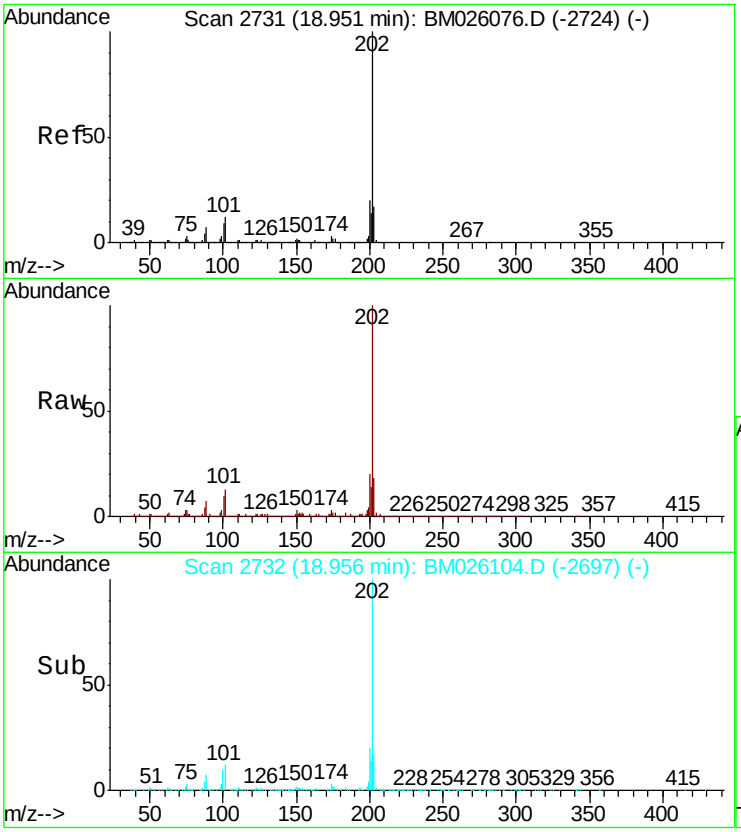


#72
Anthracene
Concen: 180.335 ng/ul
RT: 16.94 min Scan# 2390
Delta R.T. -0.07 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion:178 Resp:11509046

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.4
176	20.1	14.9	22.3



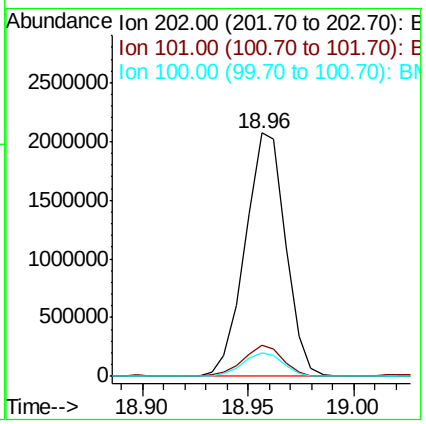


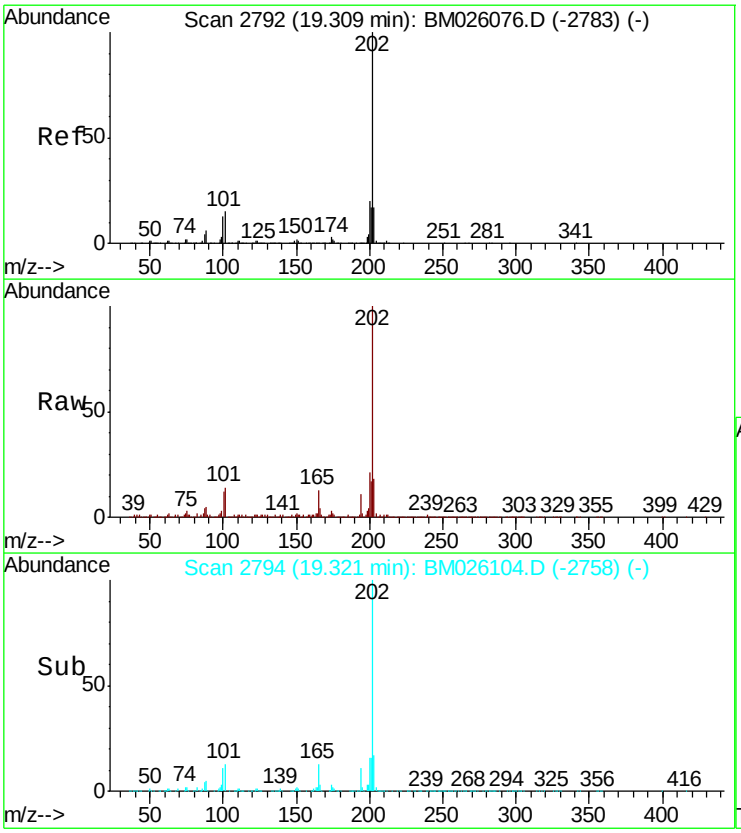
#77
Fluoranthene
Concen: 41.125 ng/ul
RT: 18.96 min Scan# 2732
Delta R.T. 0.01 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2744083

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.5	14.3
100	9.7	7.6	11.4

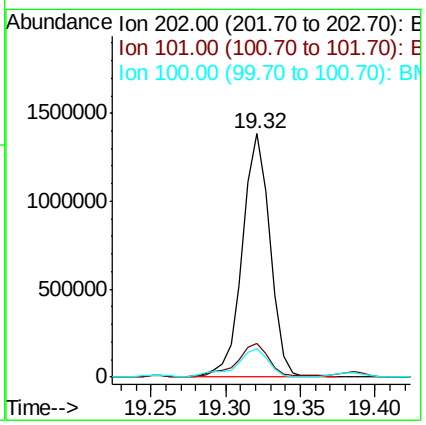


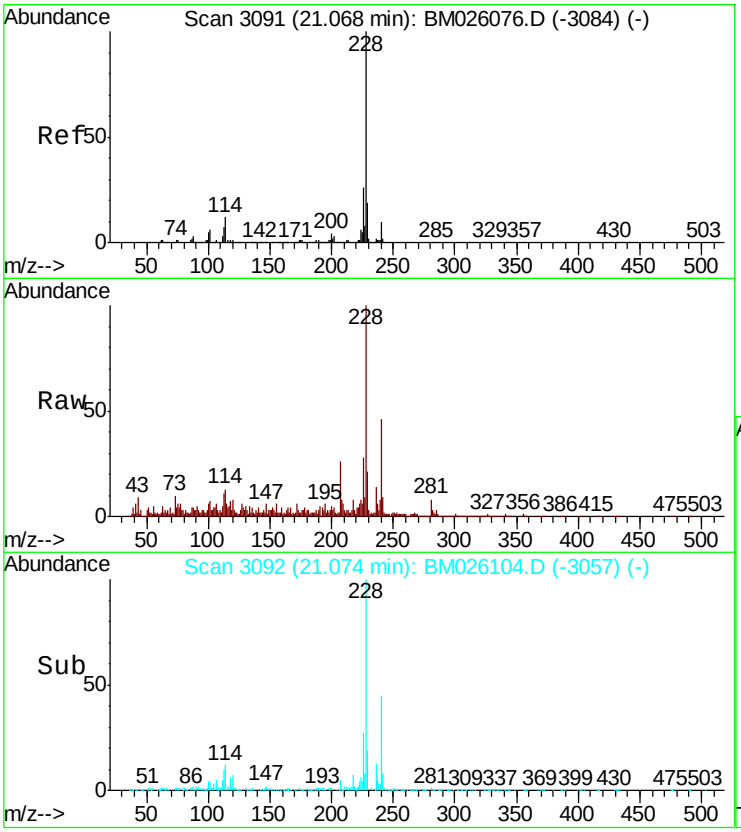


#80
Pyrene
Concen: 24.908 ng/ul
RT: 19.32 min Scan# 2794
Delta R.T. 0.01 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion:202 Resp: 1763754

Ion	Ratio	Lower	Upper
202	100		
101	13.7	12.2	18.4
100	11.6	10.2	15.4



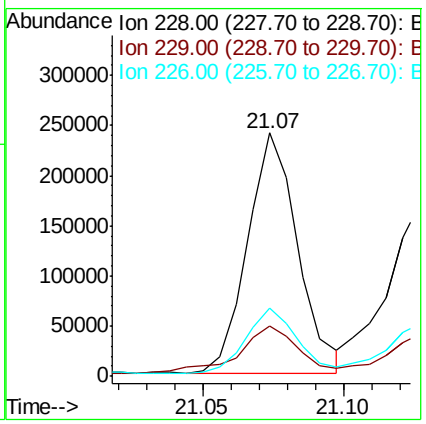


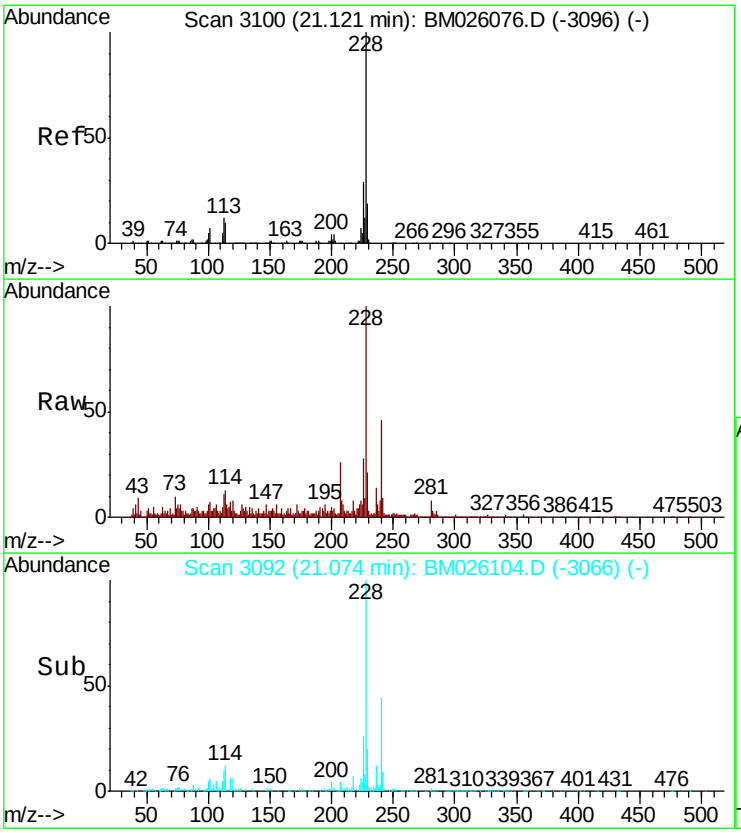
#83
Benzo(a)anthracene
Concen: 4.237 ng/ul
RT: 21.07 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 294590

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.5	23.3
226	28.1	21.2	31.8

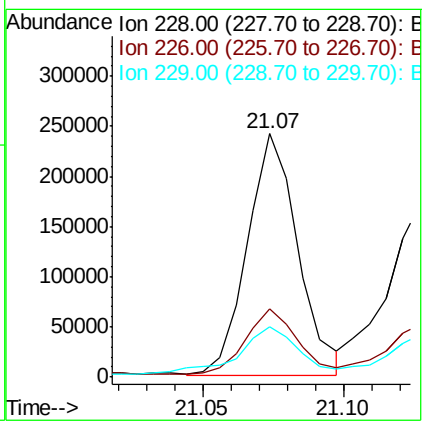


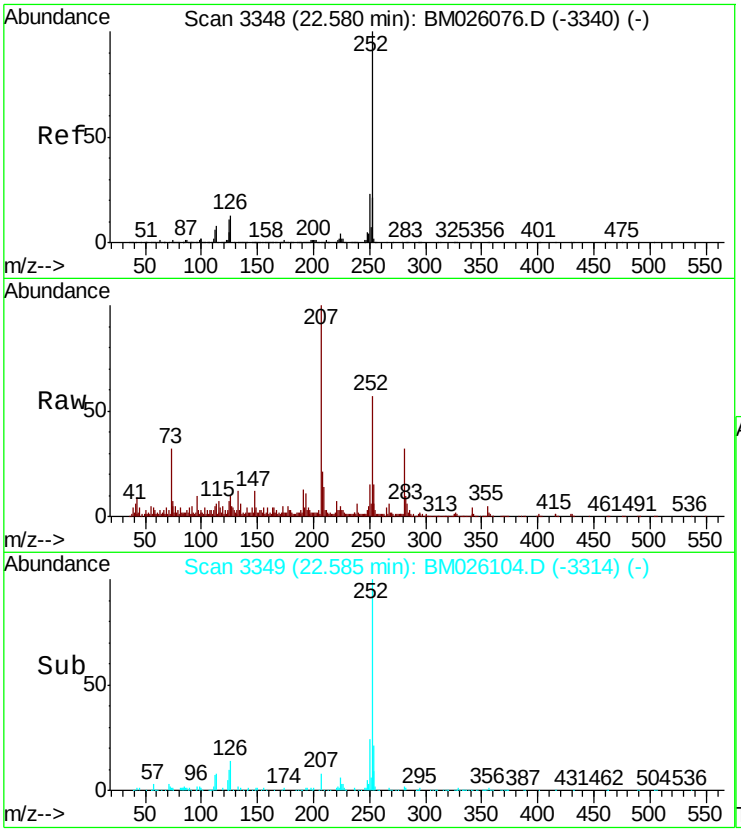


#85
Chrysene
Concen: 4.342 ng/ul
RT: 21.07 min Scan# 3092
Delta R.T. -0.05 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion:228 Resp: 300056

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.6
229	20.6	15.5	23.3



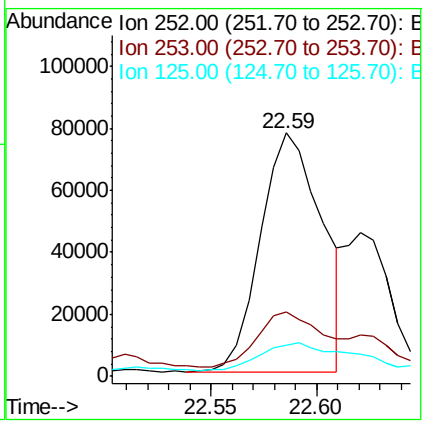


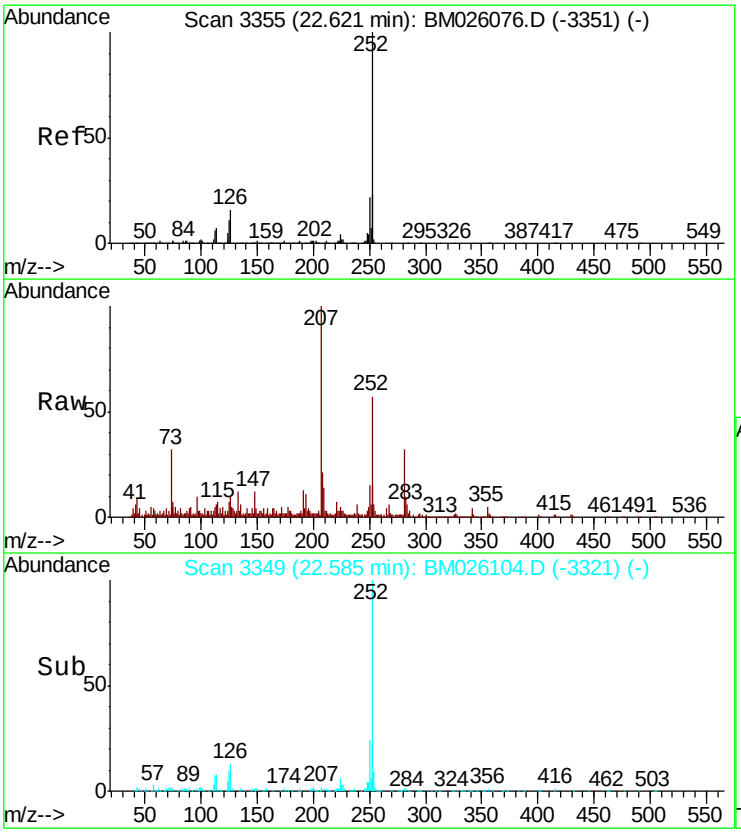
#88
Benzo(b)fluoranthene
Concen: 2.210 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. 0.01 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 157091

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.1	25.7#
125	12.9	8.9	13.3

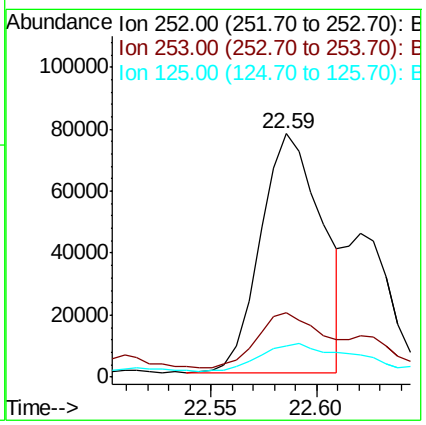


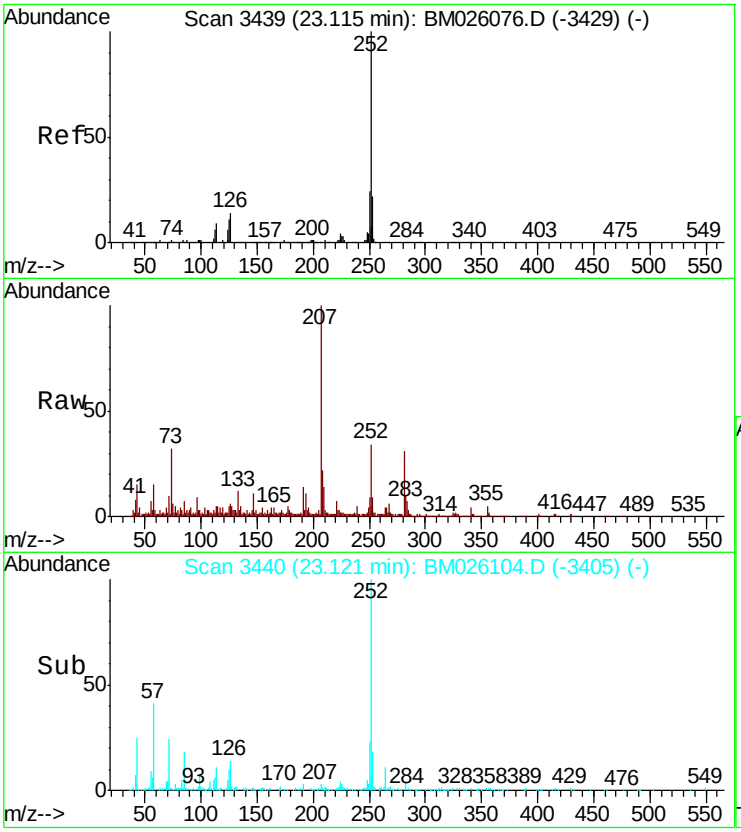


#89
Benzo(k)fluoranthene
Concen: 2.212 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Tgt Ion:252 Resp: 157091

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.0	25.4#
125	12.9	8.6	13.0





#91
Benzo(a)pyrene
Concen: 1.224 ng/ul
RT: 23.12 min Scan# 3440
Delta R.T. 0.01 min
Lab File: BM026104.D
Acq: 23 May 2020 06:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 76599

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.6	26.4
125	14.1	9.8	14.6