Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026096.D
Acq On : 23 May 2020 01:51
Operator : MA/SJ
Sample : L2737-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 23 04:00:47 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	7.50	152	185503	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	143557	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.14	164	482782	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.90	188	989252	20.00	ng/ul	0.01
78) Chrysene-d12	21.10	240	1015597	20.00	ng/ul	0.01
86) Perylene-d12	23.21	264	1054132	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	36074	5.87	ng/uL	0.00
5) Phenol-d5	6.63	99	671	0.04	ng/ul	-0.06
7) Bis-(2-Chloroethyl)ether-d	6.90	67	419973	36.08	ng/ul	0.06
9) 2-Chlorophenol-d4	7.06	132	423570	32.16	ng/ul	0.02
13) 4-Methylphenol-d8	8.25	113	106791	8.42	ng/ul	0.05
19) Nitrobenzene-d5	8.70	128	271946	232.38	ng/ul	0.06
22) 2-Nitrophenol-d4	9.40	143	289579	250.12	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	9.97	165	472482	203.27	ng/ul	0.09
29) 4-Chloroaniline-d4	10.35	131	131528	55.79	ng/ul	-0.05
44) Dimethylphthalate-d6	13.58	166	1534324	39.63	ng/ul	0.02
47) Acenaphthylene-d8	13.83	160	1857904	40.51	ng/ul	0.01
52) 4-Nitrophenol-d4	14.35	143	62222	9.08	ng/ul	0.00
58) Fluorene-d10	15.14	176	1360536	40.40	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.29	200	232853	40.37	ng/ul	0.02
71) Anthracene-d10	17.00	188	2051026	42.07	ng/ul	0.02
79) Pyrene-d10	19.29	212	2215825	42.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	2102940	37.48	ng/ul	0.02
Target Compounds						Qvalue
8) Bis(2-Chloroethyl)ether	6.92	93	45513	3.136	ng/ul#	31
11) 2-Methylphenol	8.02	108	34657938	2666.509	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.99	45	42348	1.607	ng/ul#	1
14) Acetophenone	8.47	105	884015	41.549	ng/ul	98
16) 4-Methylphenol	8.37	108	6074263	429.726	ng/ul	90
17) Hexachloroethane	8.60	117	33451	5.431	ng/ul#	10
20) Nitrobenzene	8.67	77	34804	9.683	ng/ul#	19
21) Isophorone	9.25	82	94680	15.837	ng/ul#	73
23) 2-Nitrophenol	9.36	139	4540	3.374	ng/ul#	47
24) 2,4-Dimethylphenol	9.58	107	35109328	10921.062	ng/ul	93
28) Naphthalene	10.19	128	11083	1.263	ng/ul#	1
30) 4-Chloroaniline	10.40	127	20299864	8242.773	ng/ul#	13
32) Caprolactam	11.15	113	3098	4.620	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.50	107	19569	7.009	ng/ul#	35
34) 2-Methylnaphthalene	11.96	142	12239393	2073.173	ng/ul	100
35) 1-Methylnaphthalene	12.17	142	7340822	1340.238	ng/ul	99
41) 1,1'-Biphenyl	12.97	154	887004	20.706	ng/ul	99
45) Dimethylphthalate	13.62	163	236437	5.817	ng/ul	98
48) Acenaphthylene	13.86	152	161324	3.204	ng/ul#	88
50) Acenaphthene	14.22	153	10750100	302.707	ng/ul	98
53) 4-Nitrophenol	14.39	109	10476	1.717	ng/ul#	36
54) Dibenzofuran	14.56	168	8432984	168.969	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.79	232	10656	1.141	ng/ul#	33

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026096.D
Acq On : 23 May 2020 01:51
Operator : MA/SJ
Sample : L2737-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 23 04:00:47 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	5566216	137.872	ng/ul	99
65) N-Nitrosodiphenylamine	15.46	169	64996	1.960	ng/ul#	1
69) Pentachlorophenol	16.57	266	15548	2.180	ng/ul	98
70) Phenanthrene	16.94	178	8722523	139.977	ng/ul	98
72) Anthracene	17.03	178	1027085	16.429	ng/ul	99
75) Carbazole	17.33	167	18216017	352.201	ng/ul#	91
77) Fluoranthene	18.96	202	1119208	17.123	ng/ul	98
80) Pyrene	19.32	202	649477	9.109	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026096.D
Acq On : 23 May 2020 01:51
Operator : MA/SJ
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Instrument :
BNA_M
ClientSampleId :

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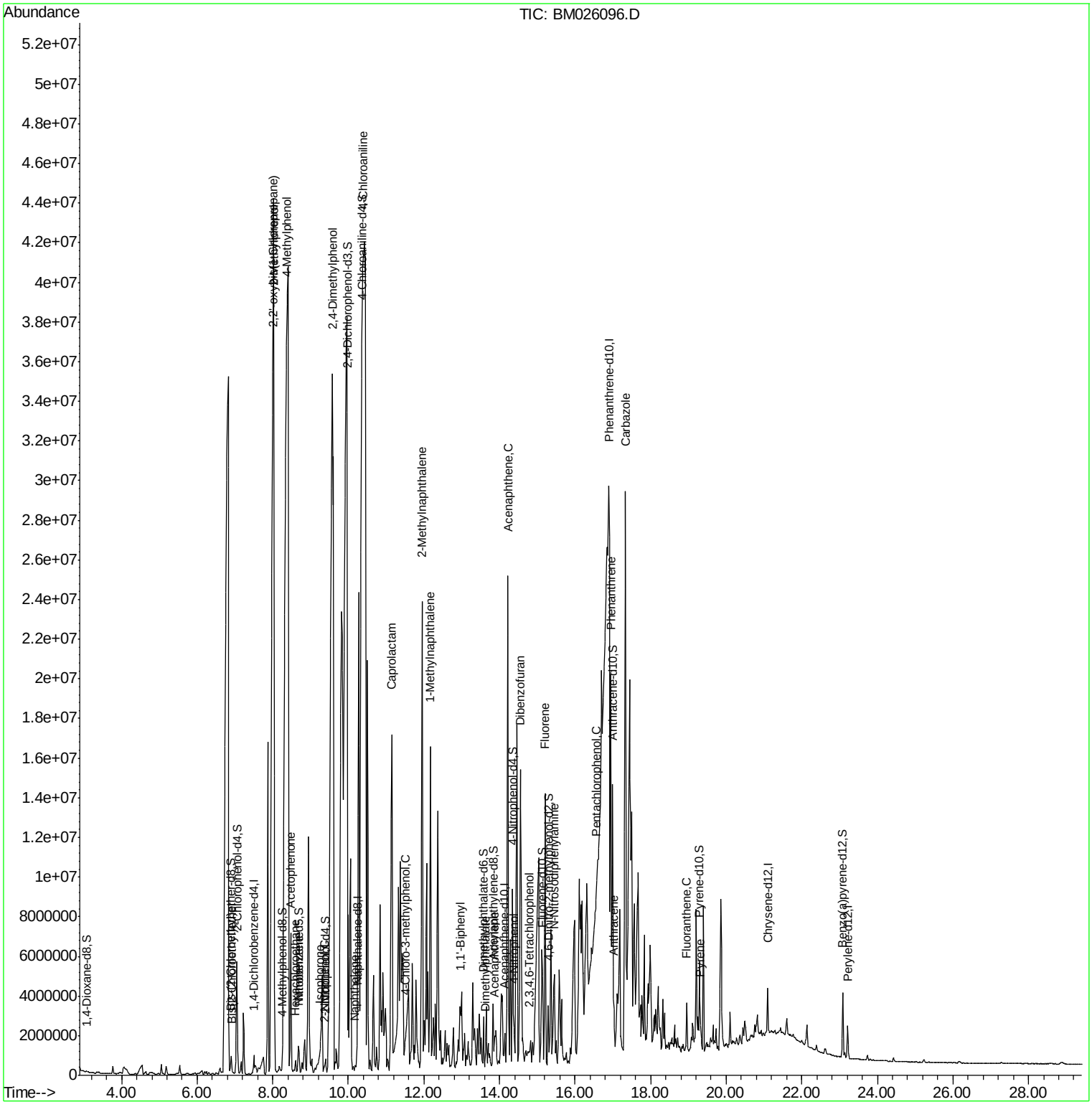
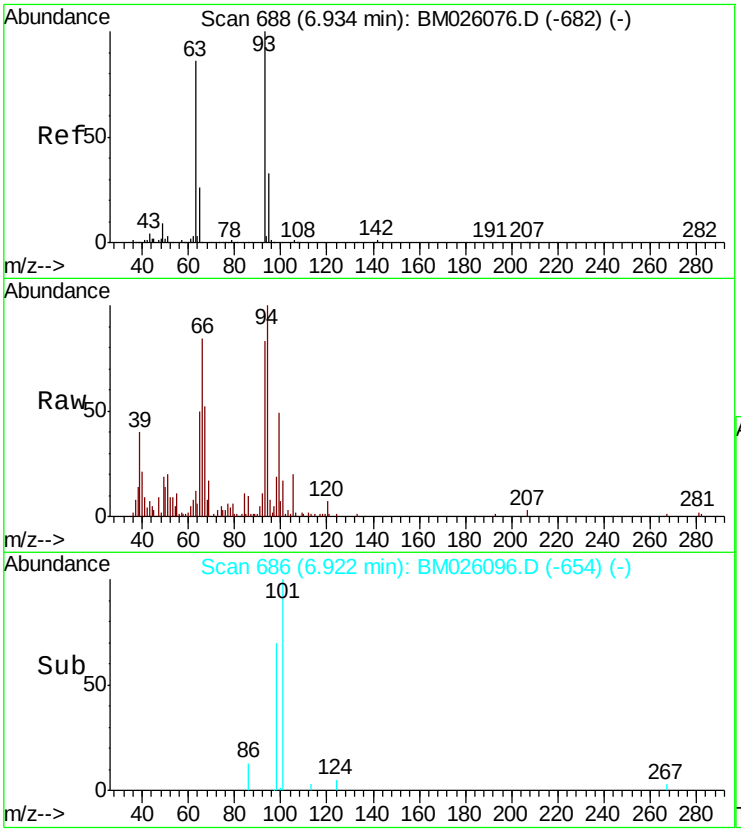
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration



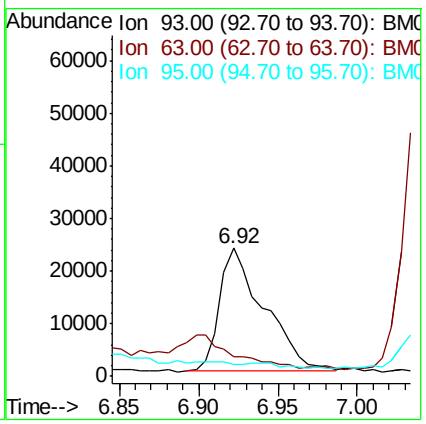


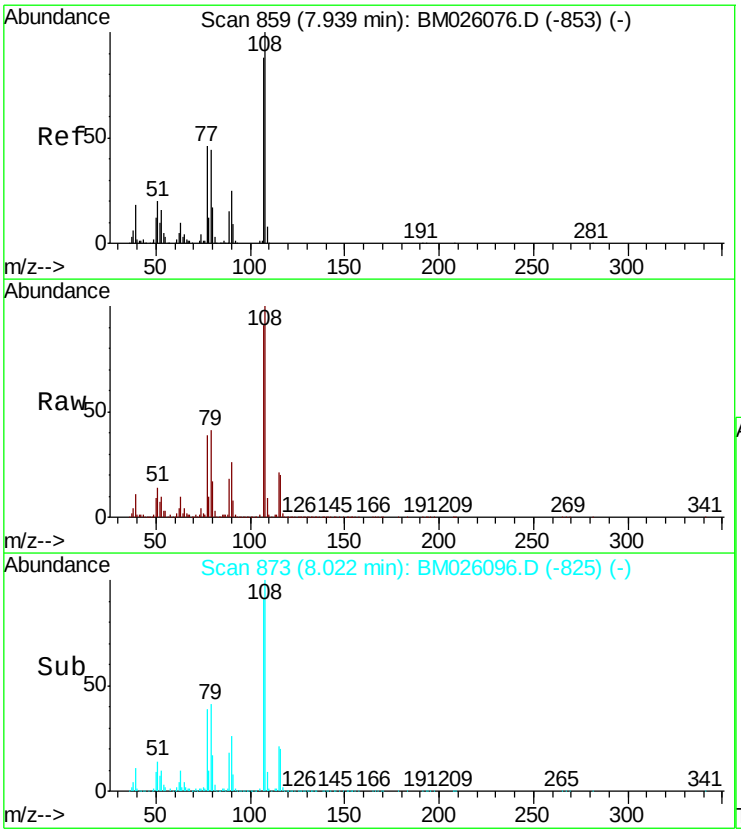
#8
Bis(2-Chloroethyl)ether
Concen: 3.136 ng/ul
RT: 6.92 min Scan# 686
Delta R.T. -0.01 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 93 Resp: 45513

Ion	Ratio	Lower	Upper
93	100		
63	15.1	70.7	106.1#
95	9.4	26.2	39.4#

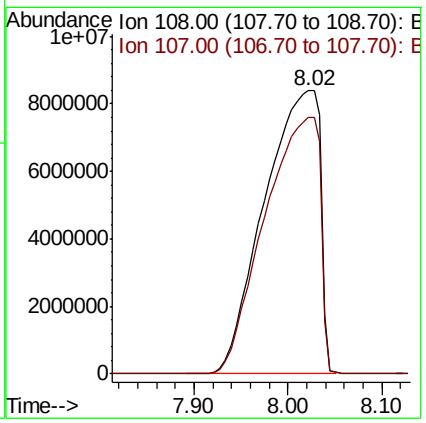


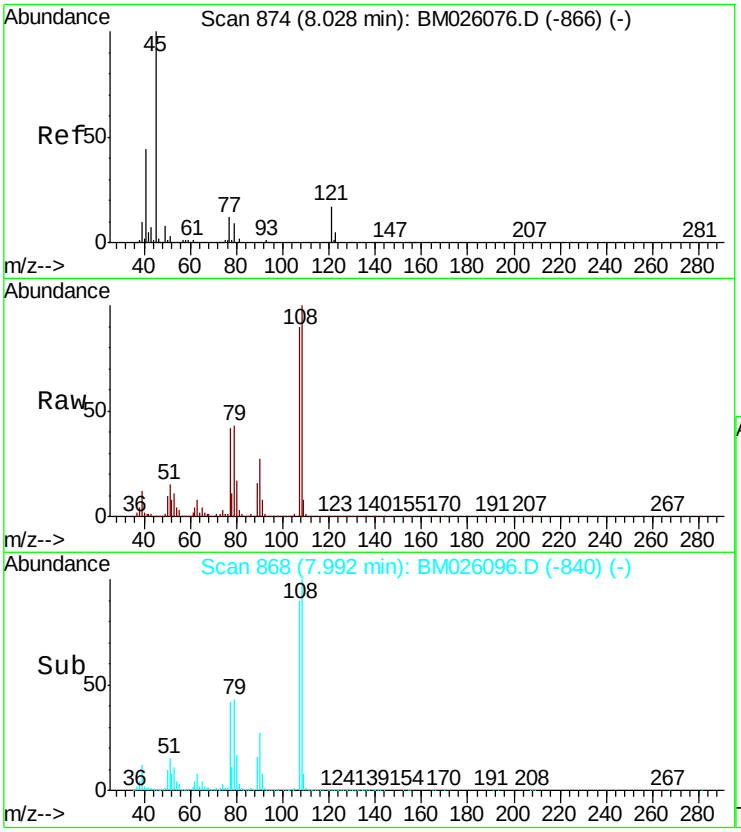


#11
2-Methylphenol
Concen: 2666.509 ng/ul
RT: 8.02 min Scan# 873
Delta R.T. 0.08 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Tgt Ion:108 Resp:34657938

Ion	Ratio	Lower	Upper
108	100		
107	90.8	72.3	108.5



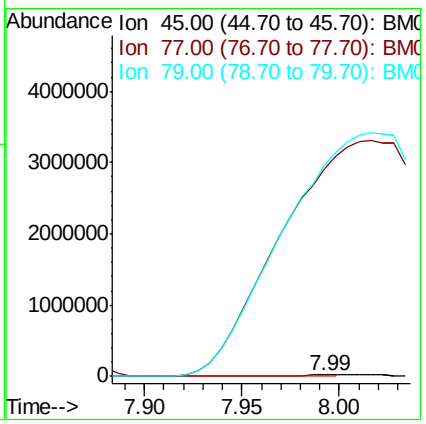


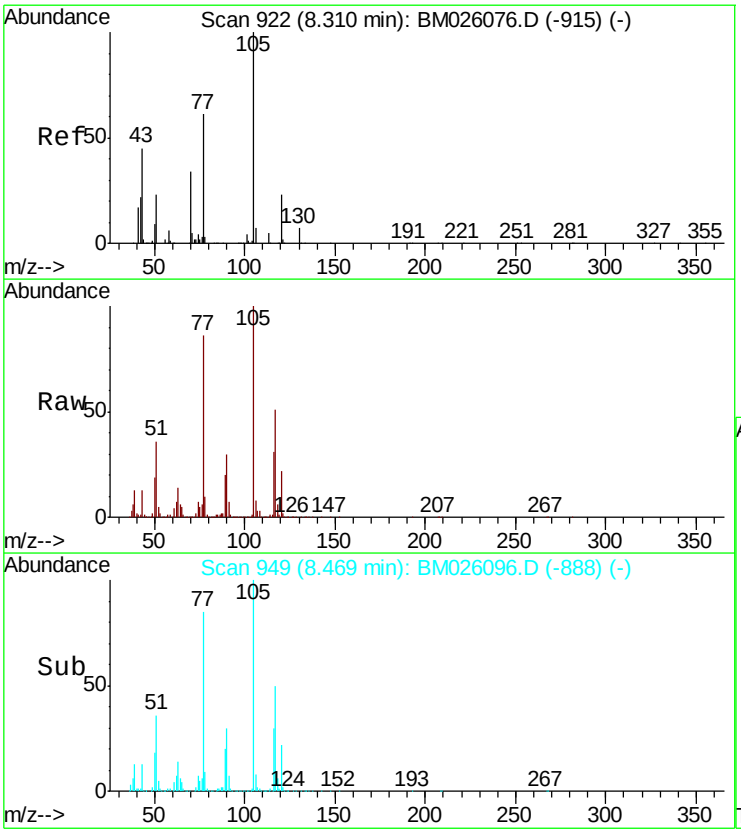
#12
2,2'-oxybis(1-Chloropropane)
Concen: 1.607 ng/ul
RT: 7.99 min Scan# 868
Delta R.T. -0.04 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 45 Resp: 42348

Ion	Ratio	Lower	Upper
45	100		
77	16066.3	9.0	13.6#
79	16413.2	7.7	11.5#

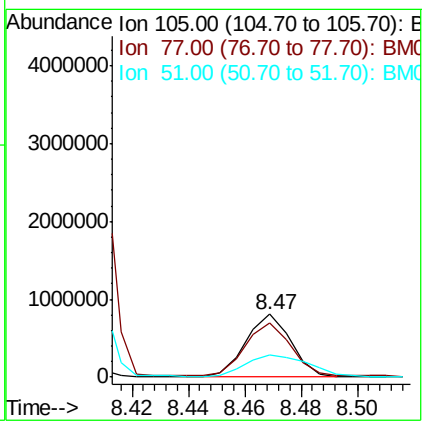


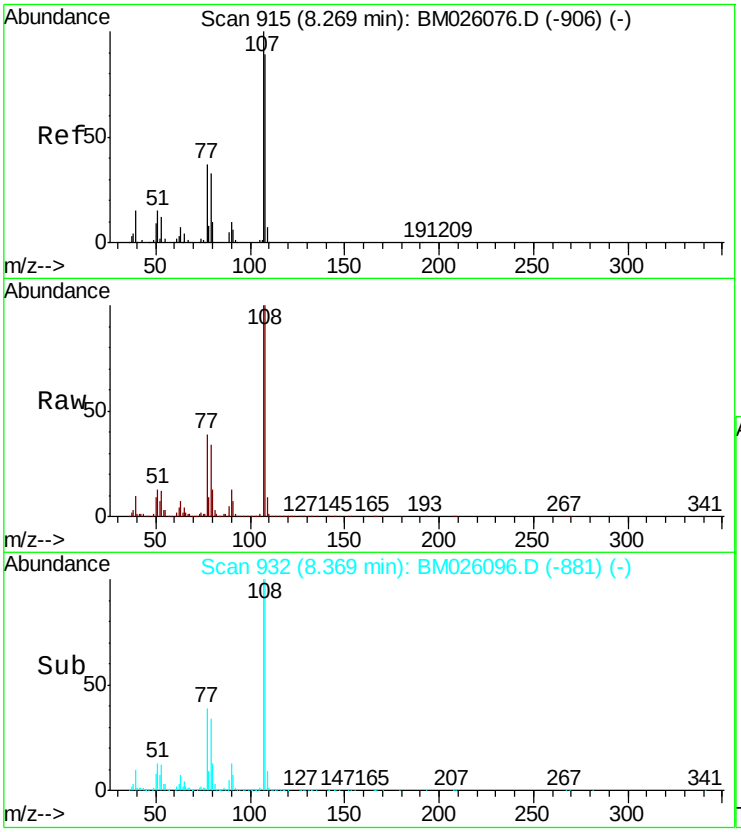


#14
Acetophenone
Concen: 41.549 ng/ul
RT: 8.47 min Scan# 949
Delta R.T. 0.16 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Tgt Ion:105 Resp: 884015

Ion	Ratio	Lower	Upper
105	100		
77	85.7	67.2	100.8
51	36.2	27.4	41.0



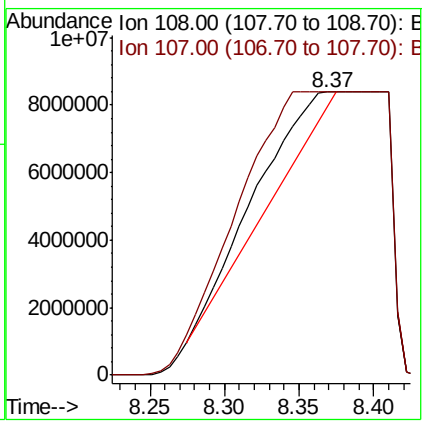


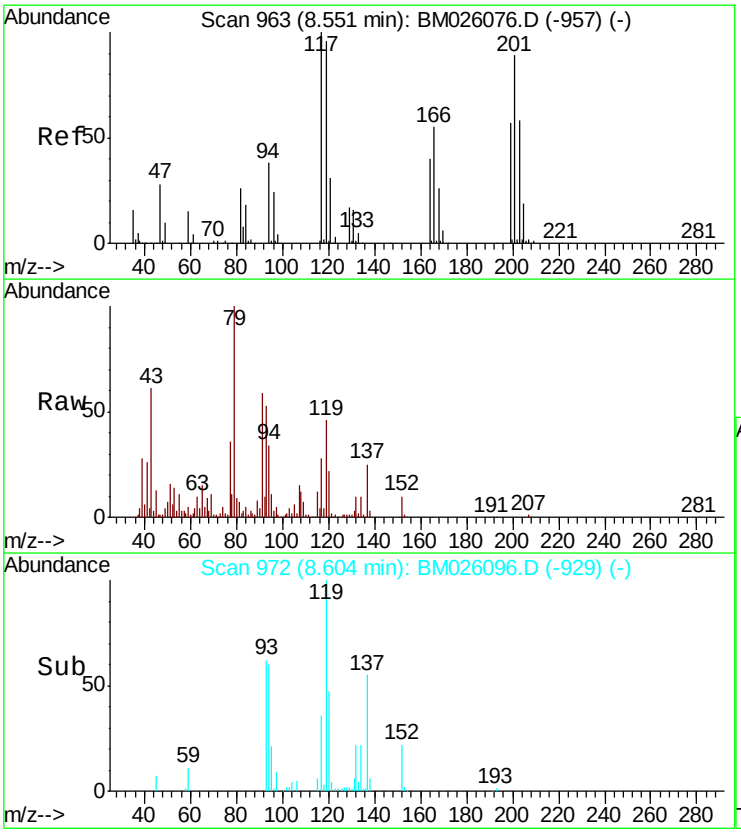
#16
4-Methylphenol
Concen: 429.726 ng/ul
RT: 8.37 min Scan# 932
Delta R.T. 0.10 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 6074263

Ion	Ratio	Lower	Upper
108	100		
107	100.0	88.6	132.8

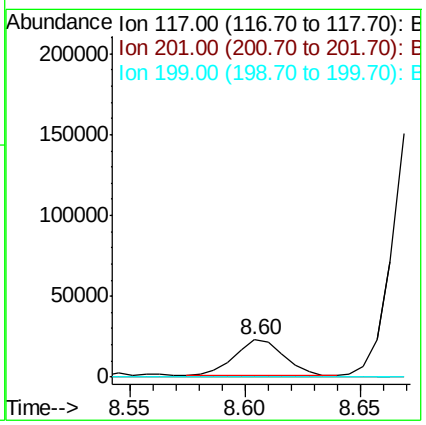


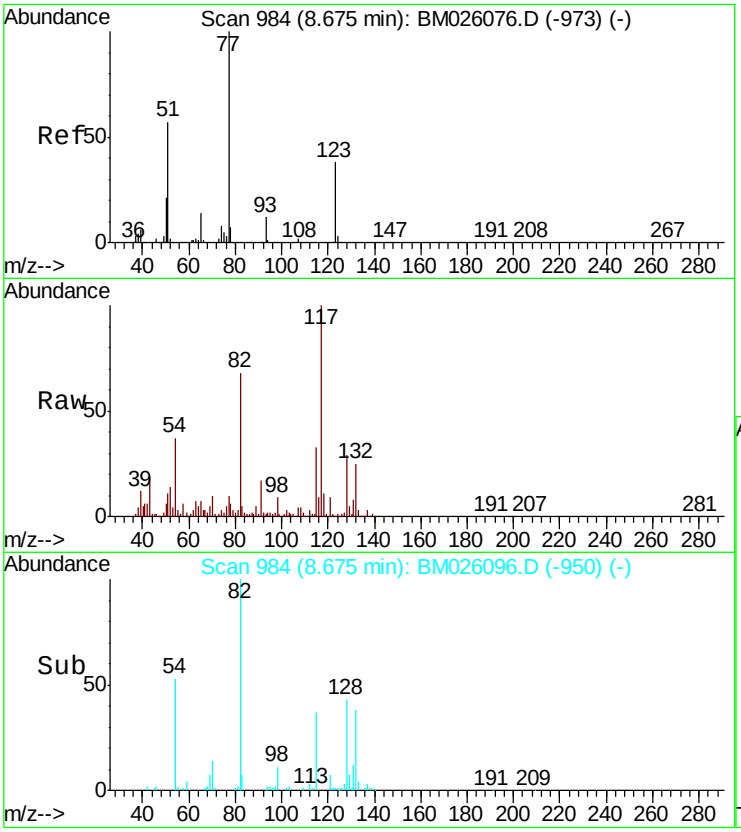


#17
Hexachloroethane
Concen: 5.431 ng/ul
RT: 8.60 min Scan# 972
Delta R.T. 0.05 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Tgt Ion:117 Resp: 33451

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



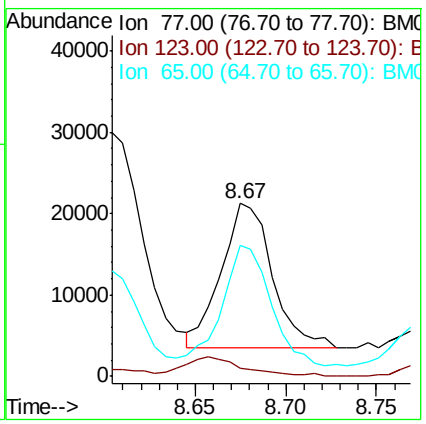


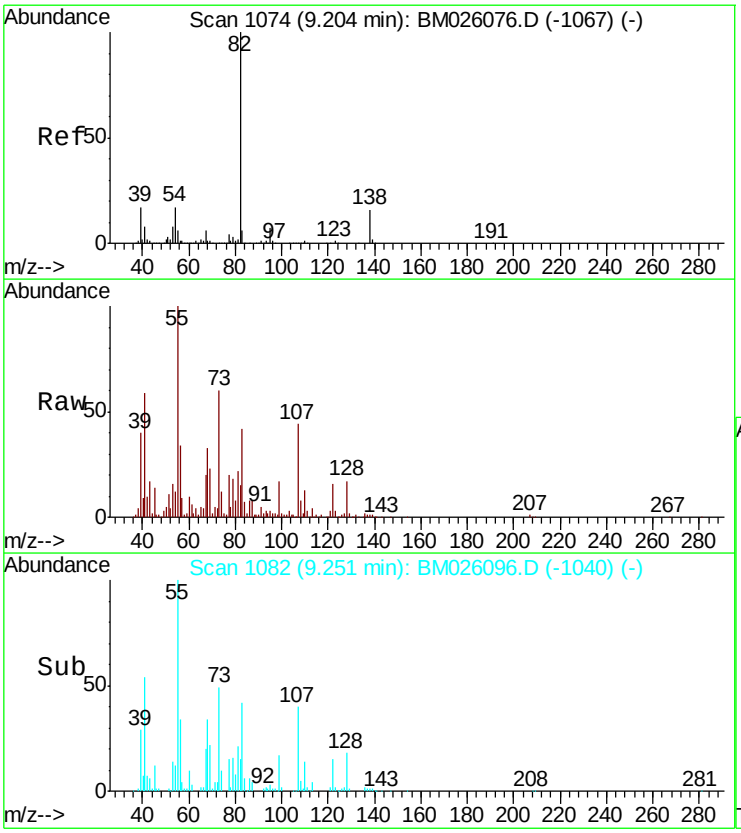
#20
Nitrobenzene
Concen: 9.683 ng/ul
RT: 8.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 34804

Ion	Ratio	Lower	Upper
77	100		
123	4.8	29.5	44.3#
65	75.4	11.0	16.4#

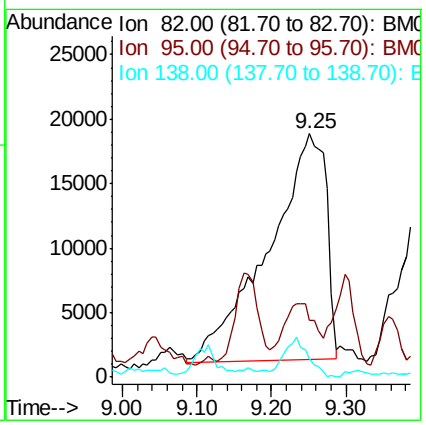


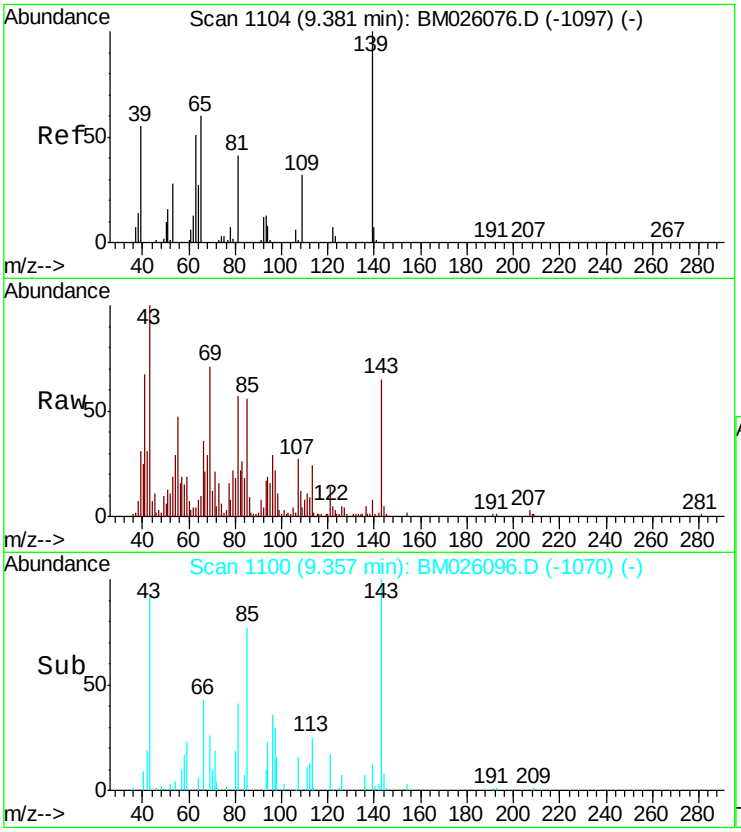


#21
Isophorone
Concen: 15.837 ng/ul
RT: 9.25 min Scan# 1082
Delta R.T. 0.05 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Tgt Ion: 82 Resp: 94680

Ion	Ratio	Lower	Upper
82	100		
95	23.3	5.6	8.4#
138	7.5	11.9	17.9#



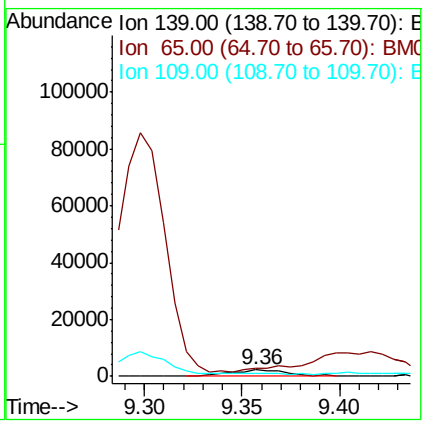


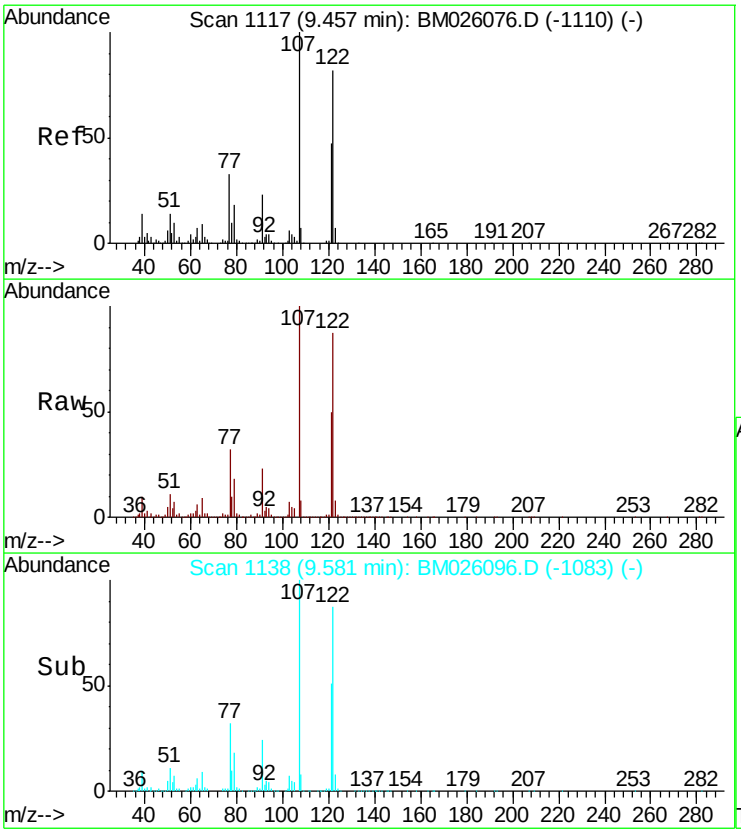
#23
2-Nitrophenol
Concen: 3.374 ng/ul
RT: 9.36 min Scan# 1100
Delta R.T. -0.02 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:139 Resp: 4540

Ion	Ratio	Lower	Upper
139	100		
65	124.8	56.3	84.5#
109	48.6	27.4	41.2#

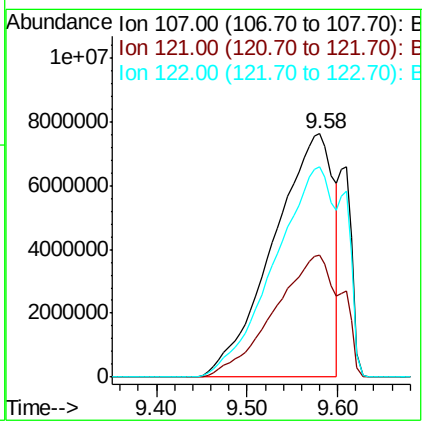


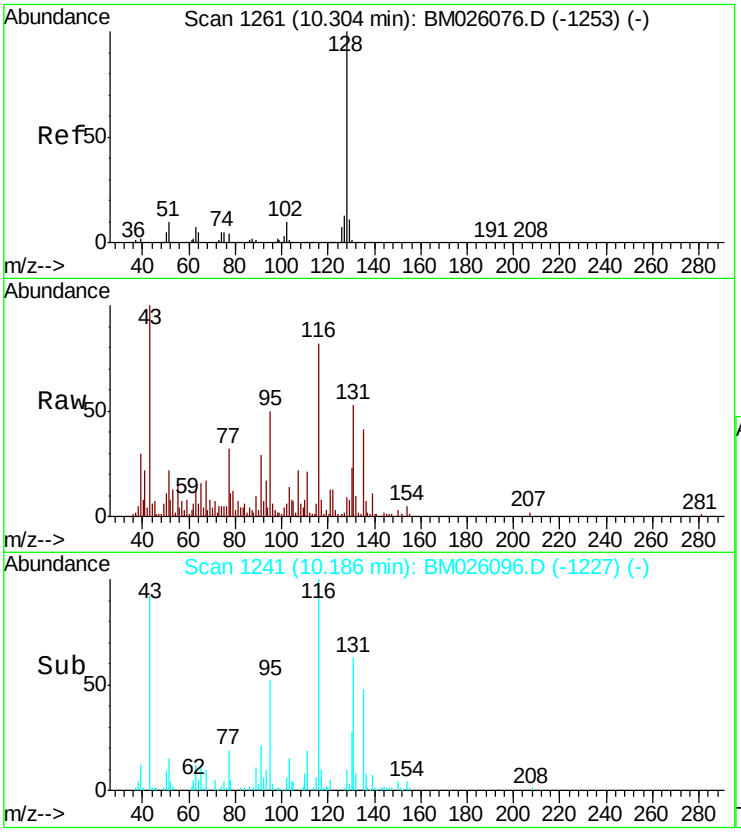


#24
2,4-Dimethylphenol
Concen: 10921.062 ng/ul
RT: 9.58 min Scan# 1138
Delta R.T. 0.12 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Tgt Ion:107 Resp:35109328

Ion	Ratio	Lower	Upper
107	100		
121	50.3	37.5	56.3
122	86.5	63.8	95.6



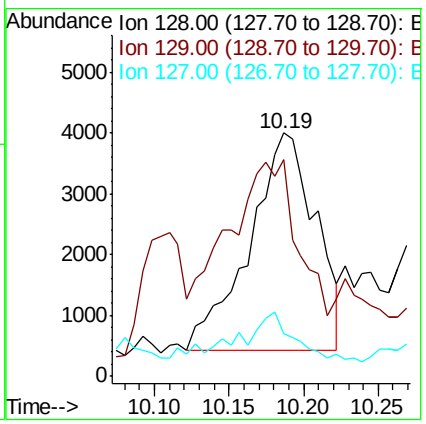


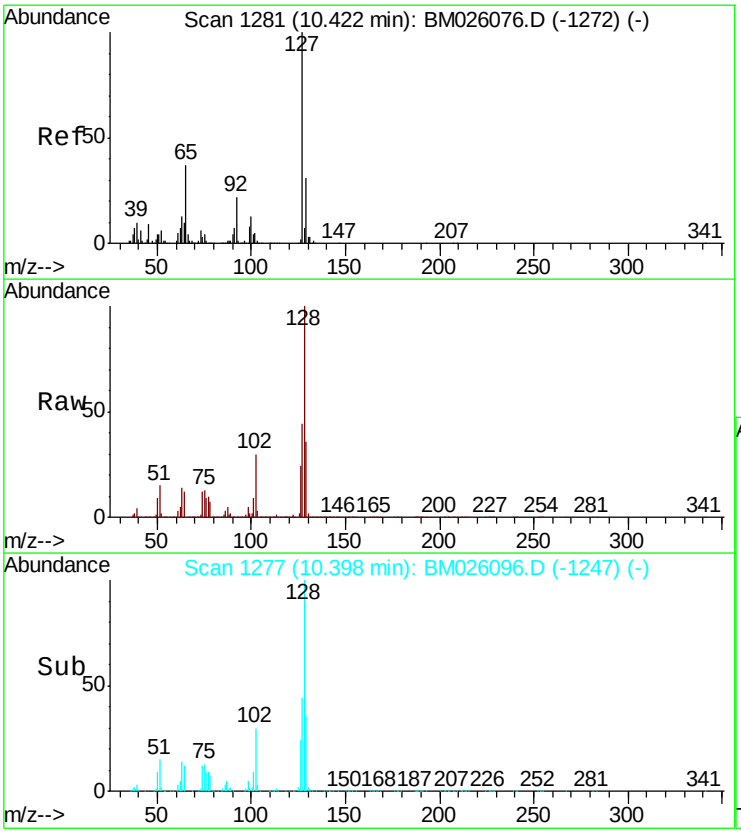
#28
Naphthalene
Concen: 1.263 ng/ul
RT: 10.19 min Scan# 1241
Delta R.T. -0.12 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 11083

Ion	Ratio	Lower	Upper
128	100		
129	89.0	9.0	13.4#
127	17.5	10.6	15.8#

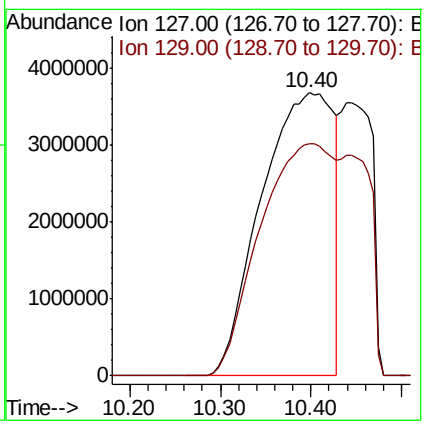


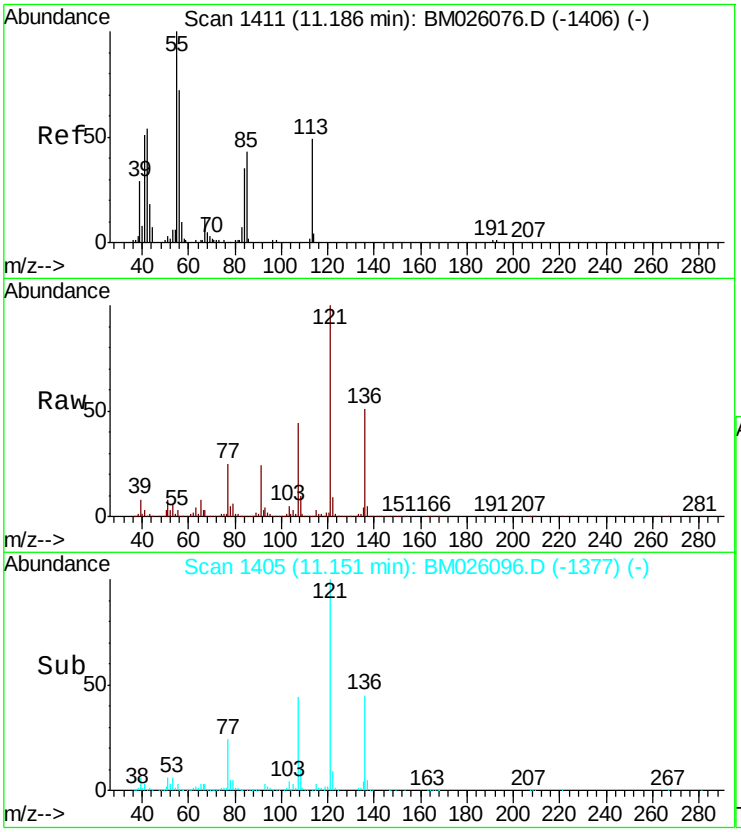


#30
4-Chloroaniline
Concen: 8242.773 ng/ul
RT: 10.40 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Tgt Ion:127 Resp:20299864

Ion	Ratio	Lower	Upper
127	100		
129	81.8	26.2	39.2#



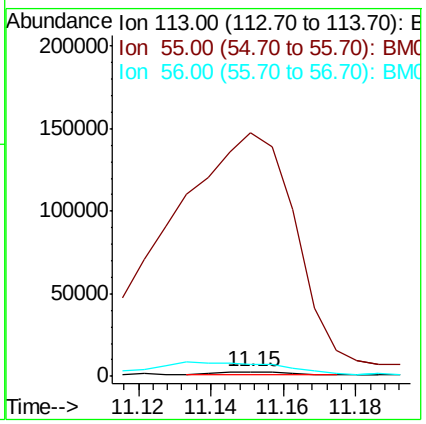


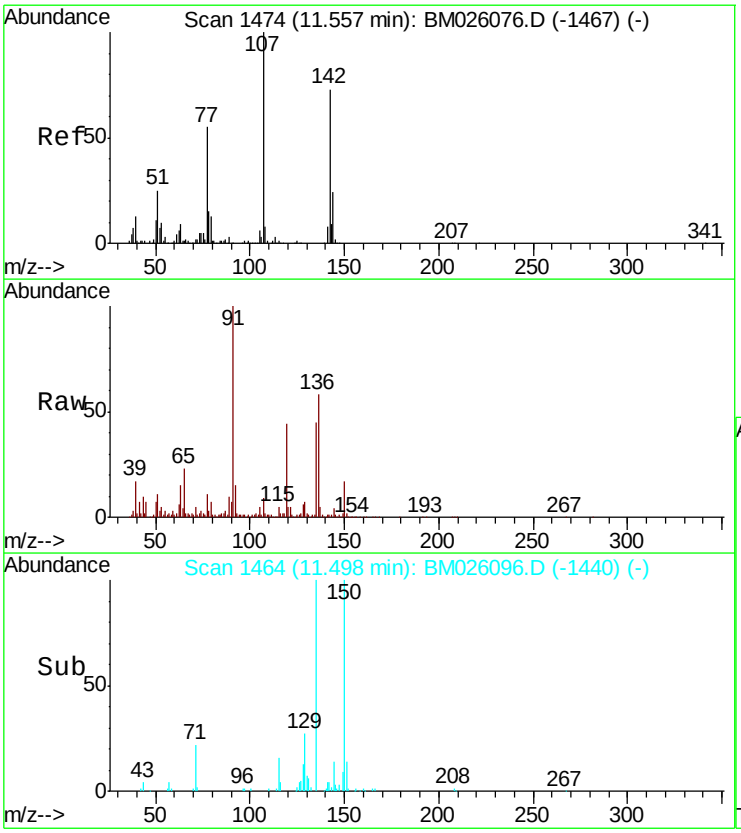
#32
Caprolactam
Concen: 4.620 ng/ul
RT: 11.15 min Scan# 1405
Delta R.T. -0.04 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 3098

Ion	Ratio	Lower	Upper
113	100		
55	5266.3	160.6	241.0#
56	262.5	114.6	172.0#

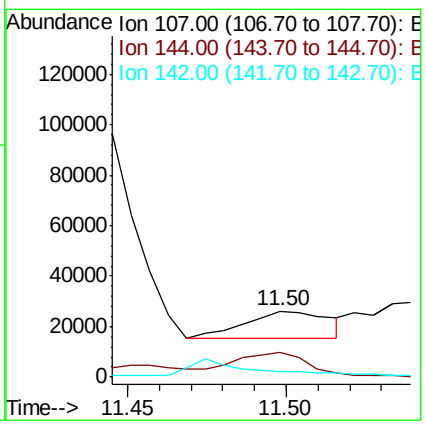


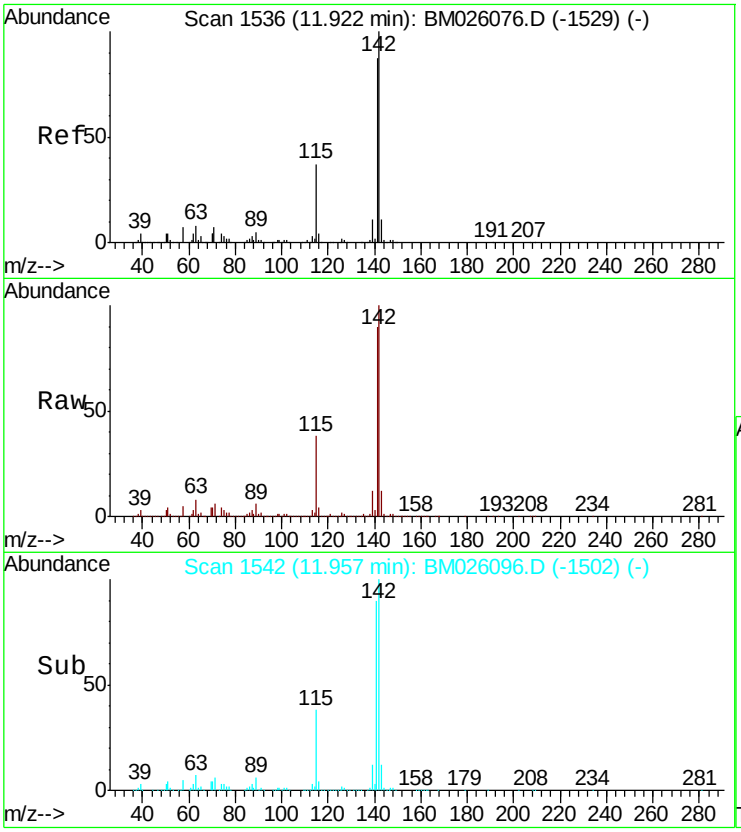


#33
4-Chloro-3-methylphenol
Concen: 7.009 ng/ul
RT: 11.50 min Scan# 1464
Delta R.T. -0.06 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Tgt Ion:107 Resp: 19569

Ion	Ratio	Lower	Upper
107	100		
144	37.9	18.1	27.1#
142	8.3	56.0	84.0#



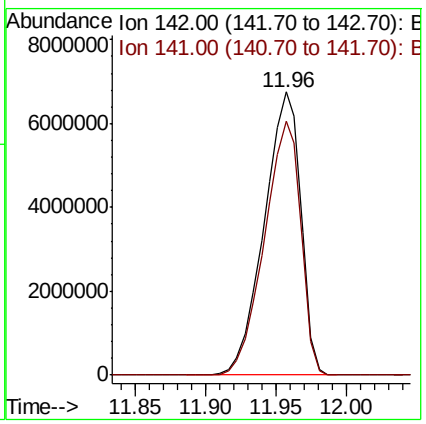


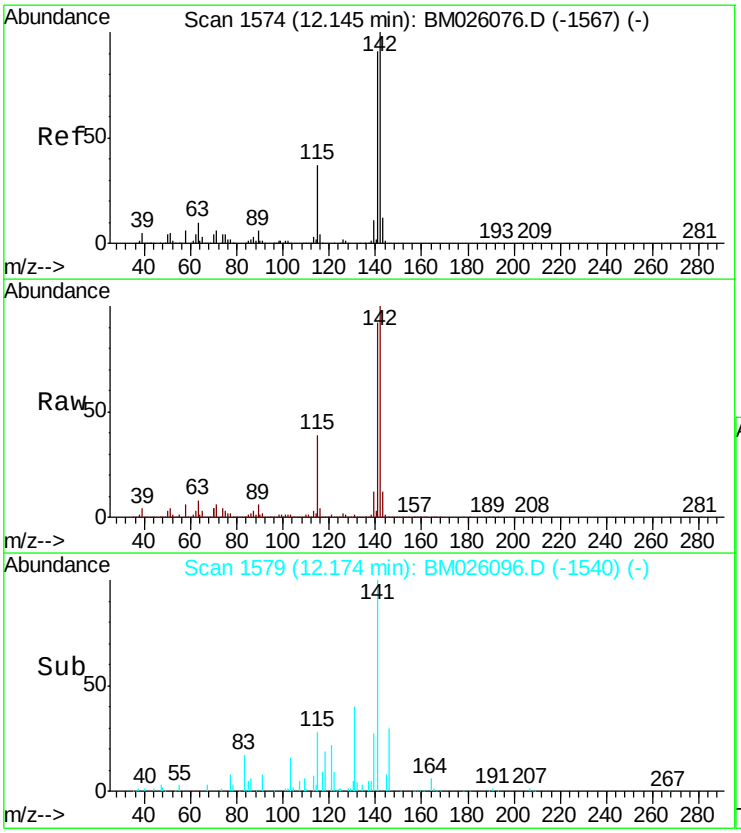
#34
2-Methylnaphthalene
Concen: 2073.173 ng/ul
RT: 11.96 min Scan# 1542
Delta R.T. 0.04 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp:12239393

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.8	107.6

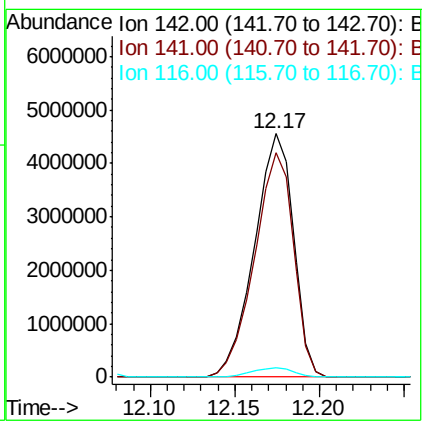


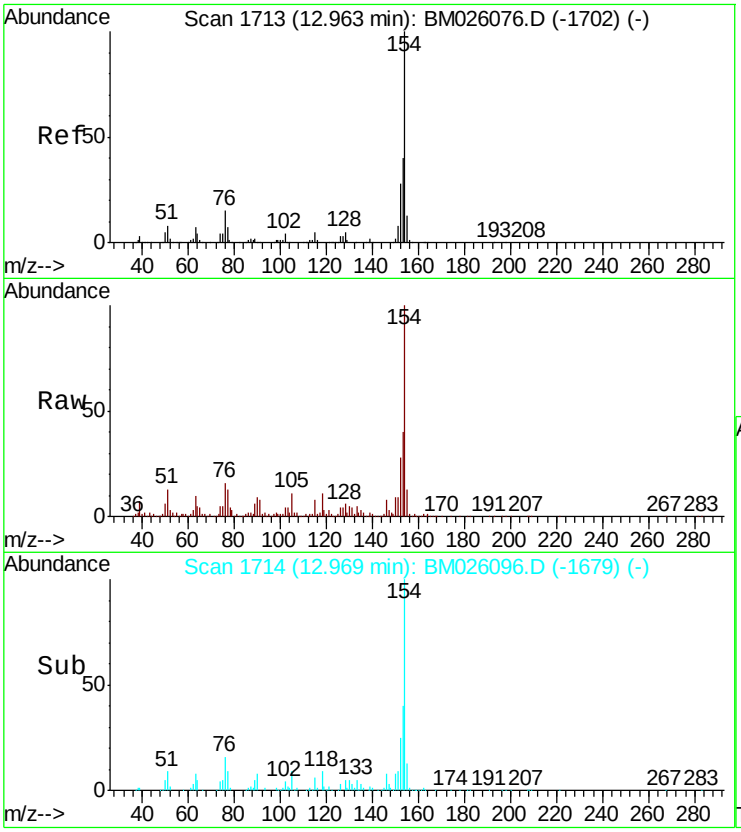


#35
1-Methylnaphthalene
Concen: 1340.238 ng/ul
RT: 12.17 min Scan# 1579
Delta R.T. 0.03 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Tgt Ion:142 Resp: 7340822

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.0	109.4
116	4.1	3.3	4.9



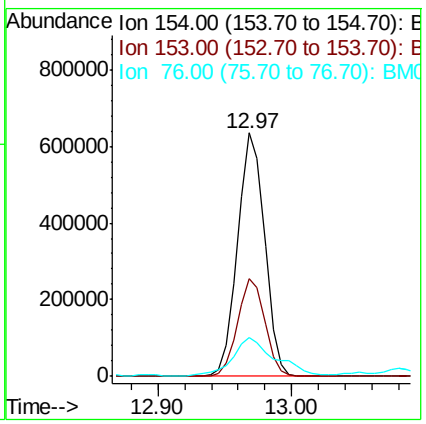


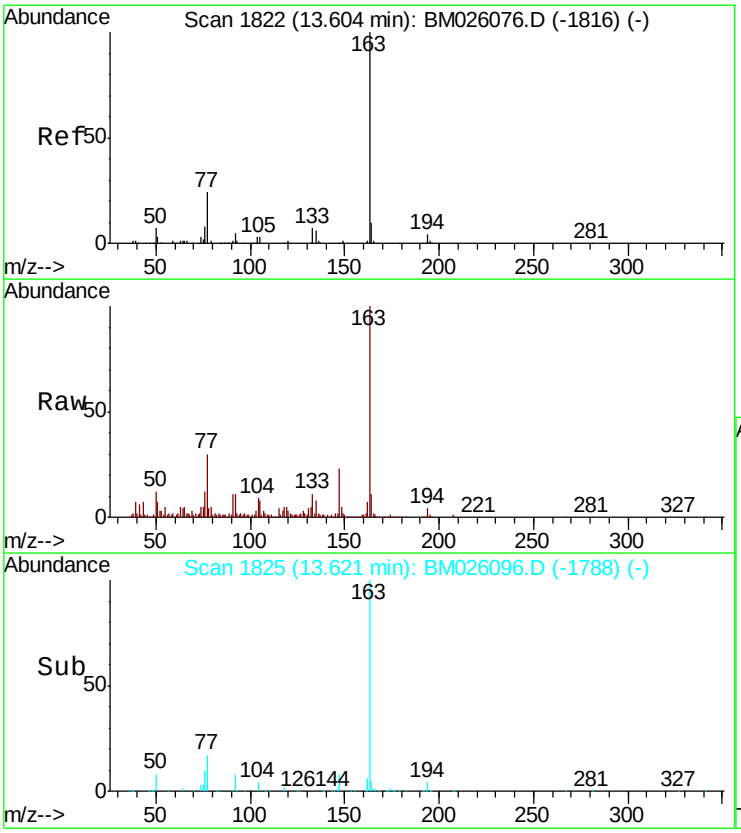
#41
1,1'-Biphenyl
Concen: 20.706 ng/ul
RT: 12.97 min Scan# 1714
Delta R.T. 0.01 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 887004

Ion	Ratio	Lower	Upper
154	100		
153	40.0	32.3	48.5
76	16.1	13.0	19.6

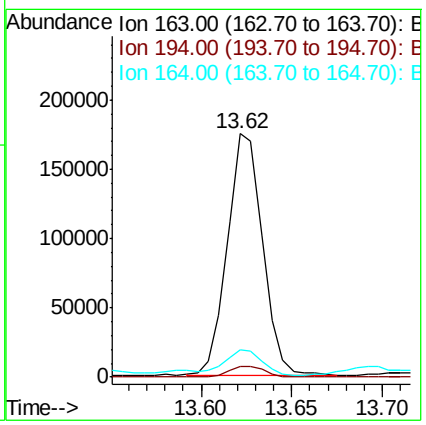


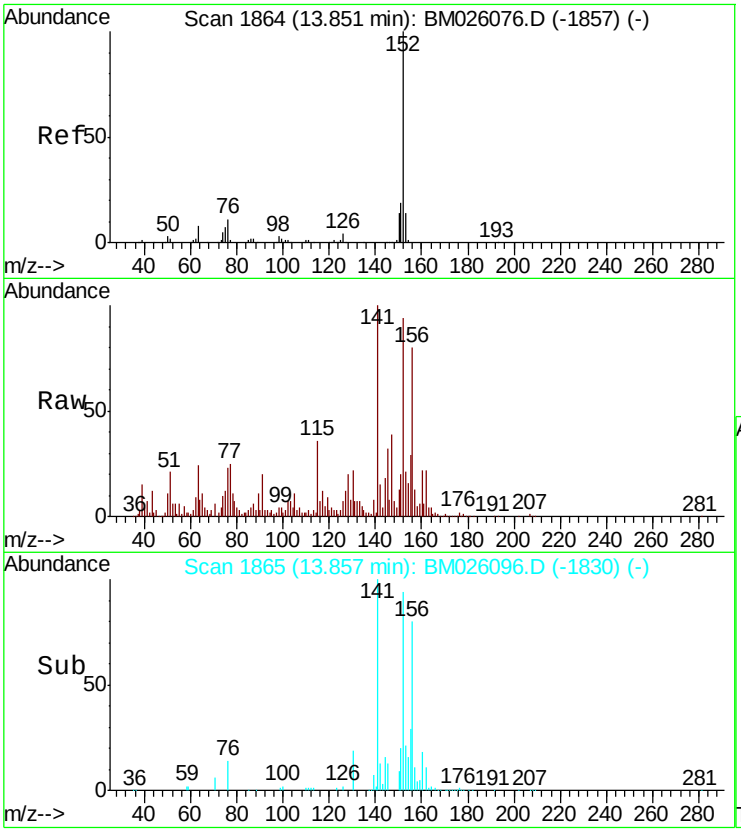


#45
Dimethylphthalate
Concen: 5.817 ng/ul
RT: 13.62 min Scan# 1825
Delta R.T. 0.02 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Tgt Ion:163 Resp: 236437

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	11.1	8.0	12.0



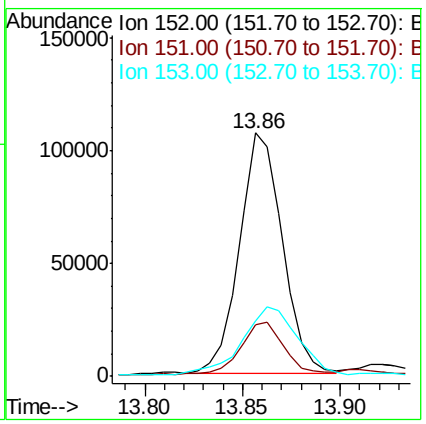


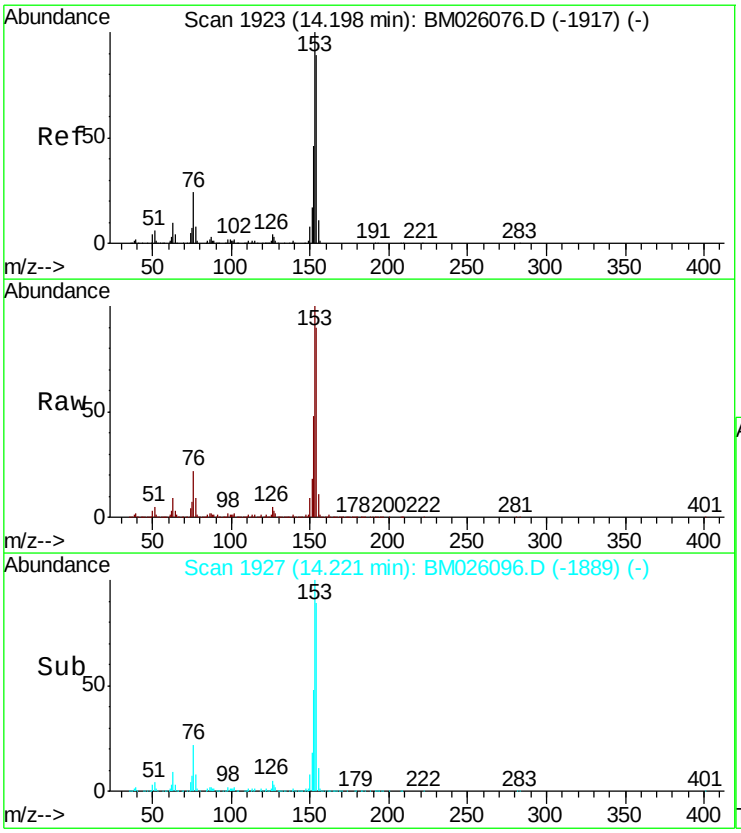
#48
Acenaphthylene
Concen: 3.204 ng/ul
RT: 13.86 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 161324

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.7	23.5
153	22.7	10.2	15.2#

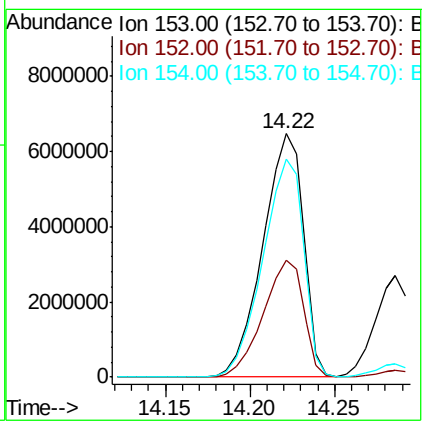


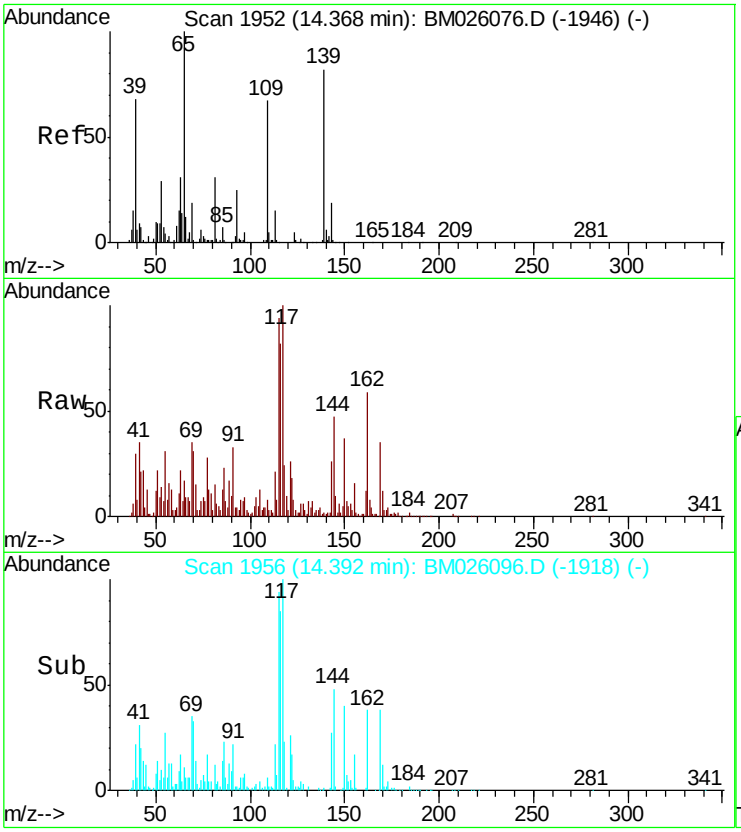


#50
Acenaphthene
Concen: 302.707 ng/ul
RT: 14.22 min Scan# 1927
Delta R.T. 0.02 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Tgt Ion:153 Resp:10750100

Ion	Ratio	Lower	Upper
153	100		
152	48.0	37.2	55.8
154	89.5	69.8	104.8



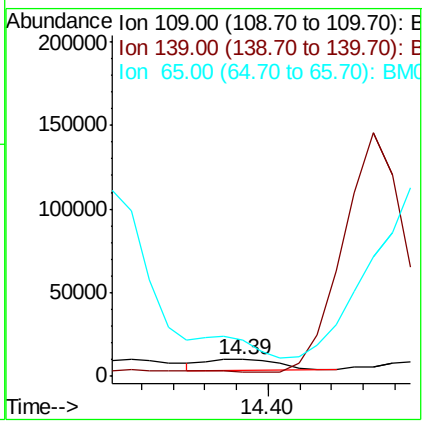


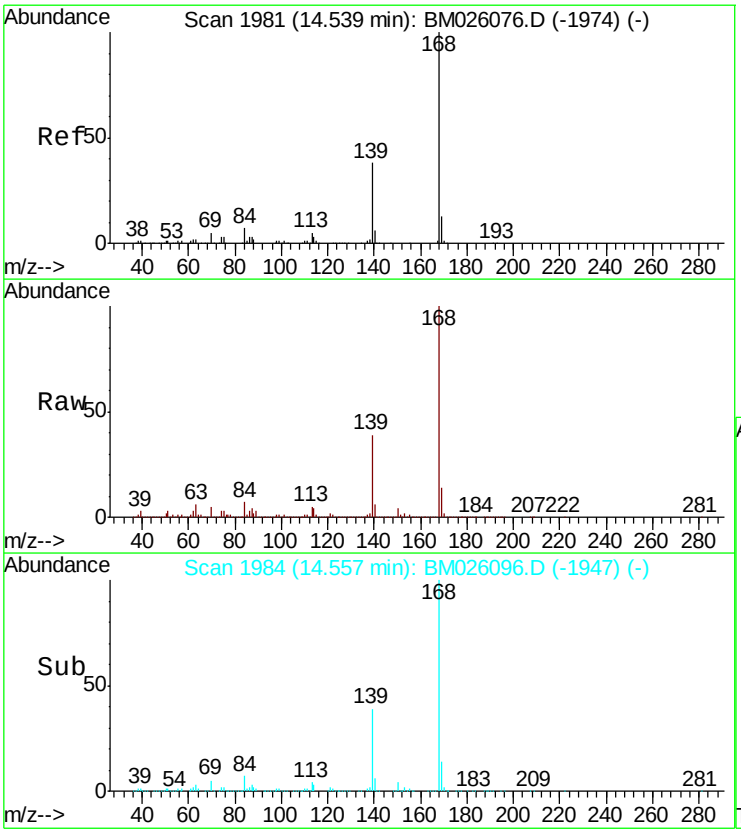
#53
4-Nitrophenol
Concen: 1.717 ng/ul
RT: 14.39 min Scan# 1956
Delta R.T. 0.02 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 10476

Ion	Ratio	Lower	Upper
109	100		
139	25.2	95.8	143.8#
65	214.7	123.2	184.8#

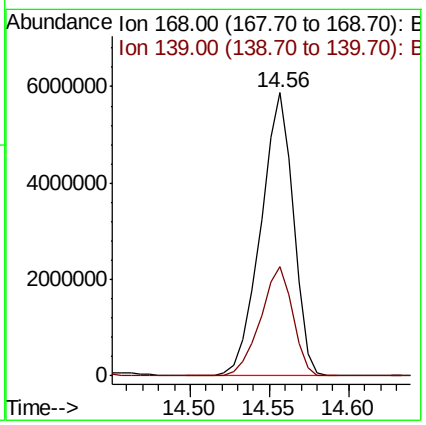


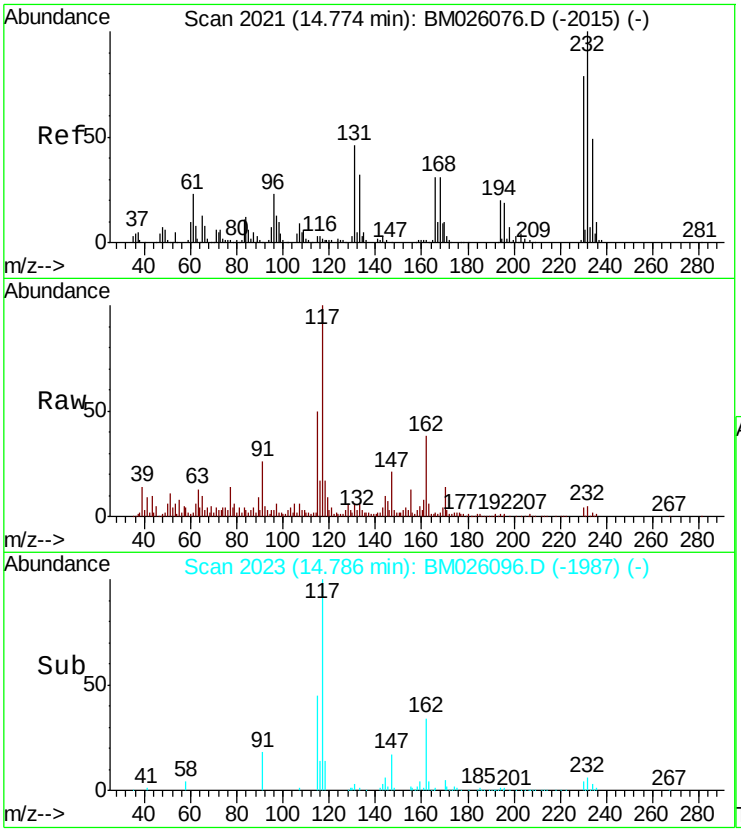


#54
Dibenzofuran
Concen: 168.969 ng/ul
RT: 14.56 min Scan# 1984
Delta R.T. 0.02 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Tgt Ion:168 Resp: 8432984

Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.7	46.1



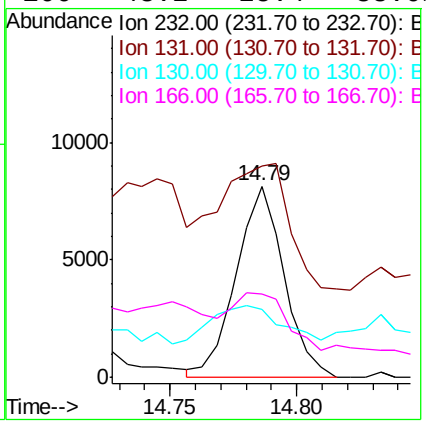


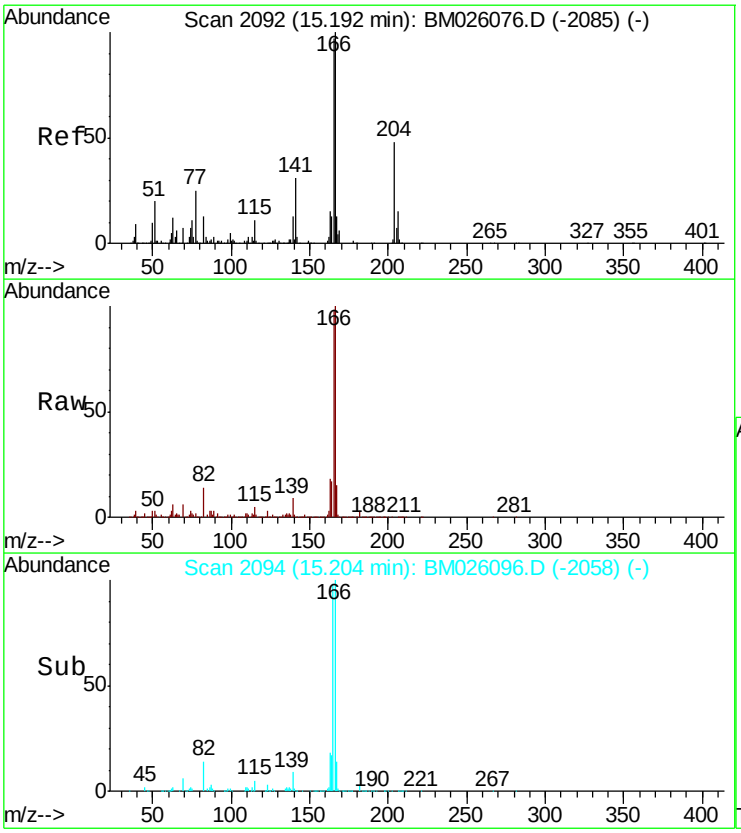
#56
2,3,4,6-Tetrachlorophenol
Concen: 1.141 ng/ul
RT: 14.79 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:232 Resp: 10656

Ion	Ratio	Lower	Upper
232	100		
131	110.2	37.0	55.4#
130	35.6	1.8	2.8#
166	43.2	25.4	38.0#

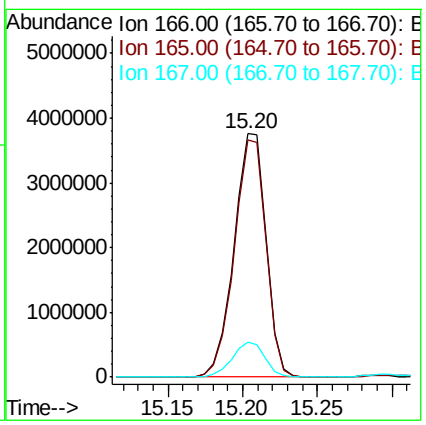


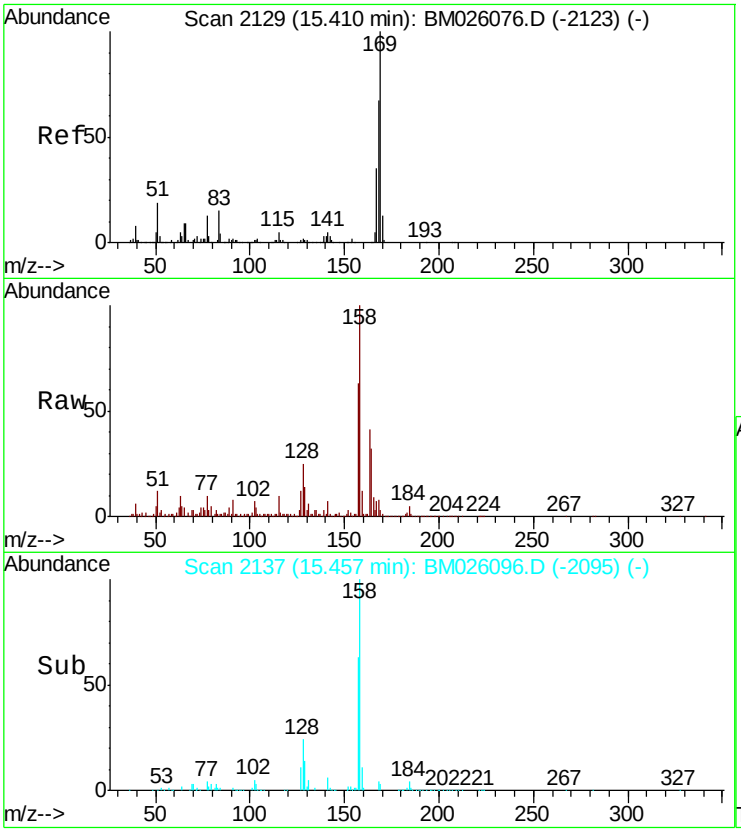


#59
Fluorene
Concen: 137.872 ng/ul
RT: 15.20 min Scan# 2094
Delta R.T. 0.01 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Tgt Ion:166 Resp: 5566216

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.3	115.9
167	14.5	10.6	16.0



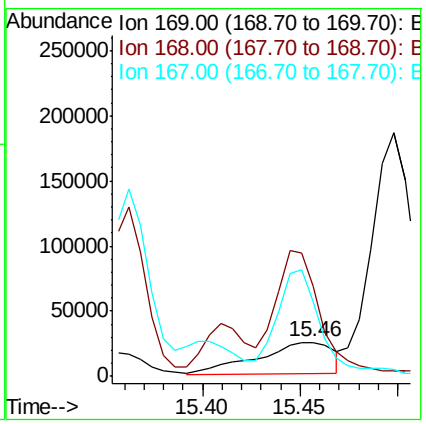


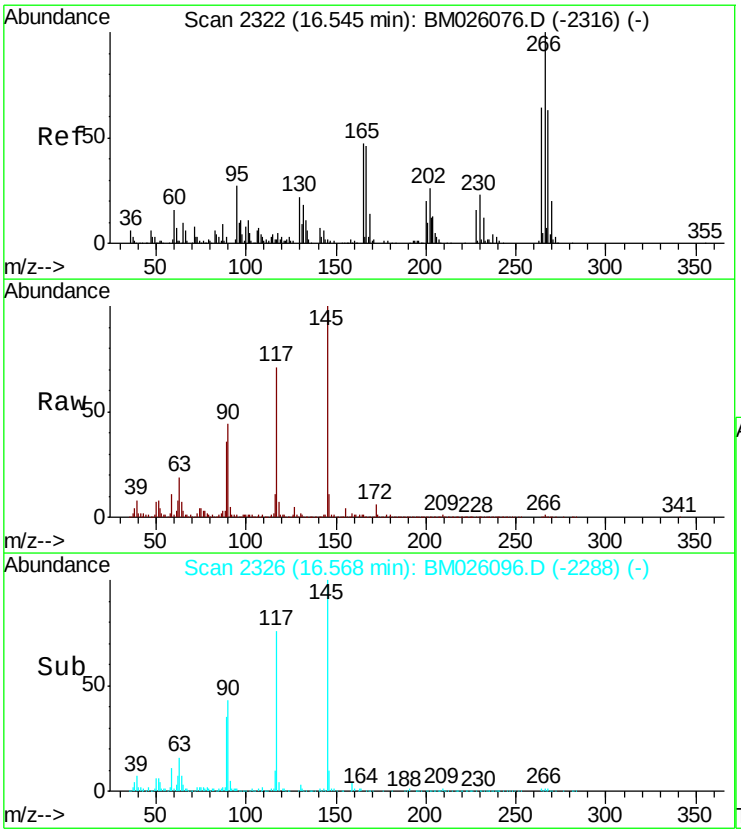
#65
N-Nitrosodiphenylamine
Concen: 1.960 ng/ul
RT: 15.46 min Scan# 2137
Delta R.T. 0.05 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:169 Resp: 64996

Ion	Ratio	Lower	Upper
169	100		
168	263.1	52.6	78.8#
167	219.5	27.7	41.5#

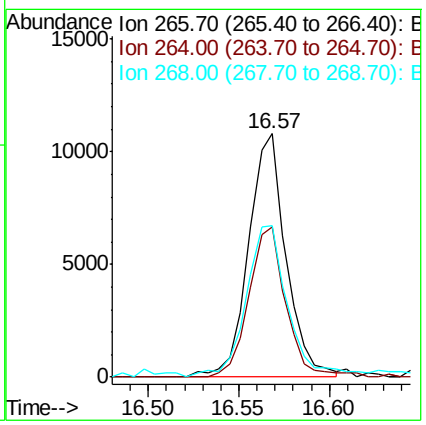


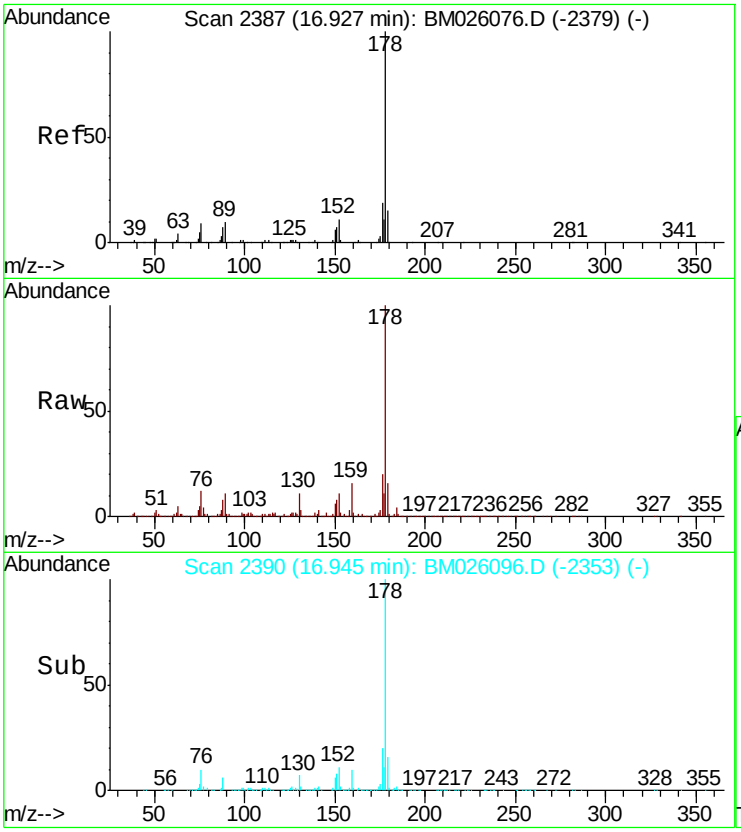


#69
Pentachlorophenol
Concen: 2.180 ng/ul
RT: 16.57 min Scan# 2326
Delta R.T. 0.02 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Tgt Ion:266 Resp: 15548

Ion	Ratio	Lower	Upper
266	100		
264	61.5	49.3	73.9
268	62.5	52.4	78.6



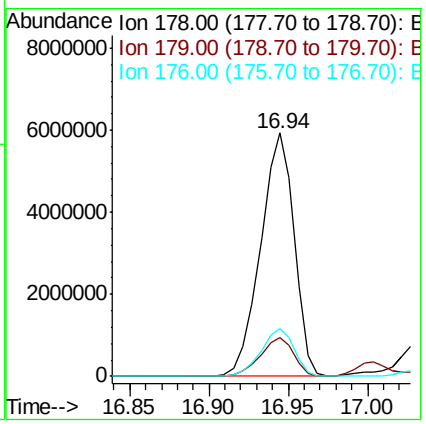


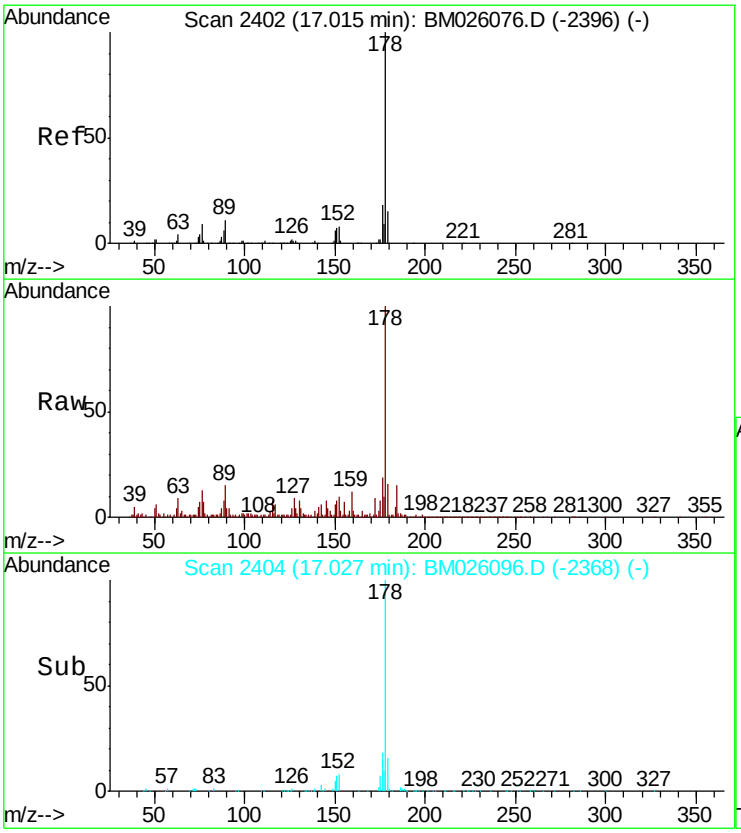
#70
Phenanthrene
Concen: 139.977 ng/ul
RT: 16.94 min Scan# 2390
Delta R.T. 0.02 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 8722523

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.9	17.9
176	19.5	14.9	22.3

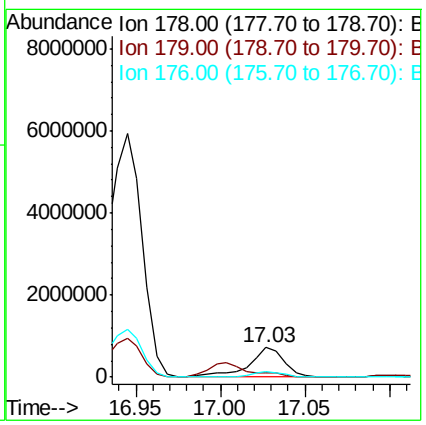


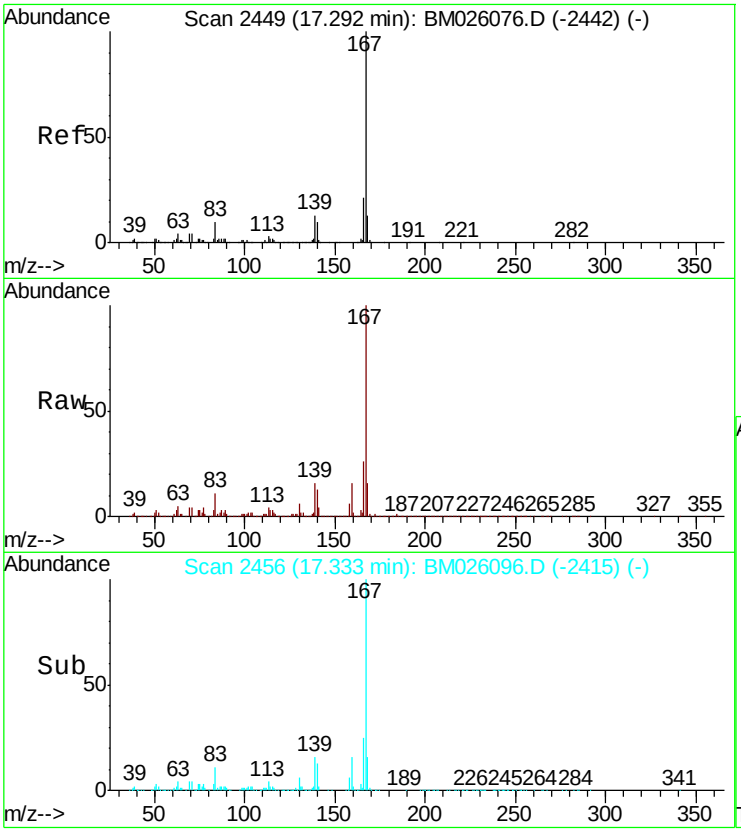


#72
Anthracene
Concen: 16.429 ng/ul
RT: 17.03 min Scan# 2404
Delta R.T. 0.01 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Tgt Ion:178 Resp: 1027085

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.2	18.4
176	18.7	14.9	22.3



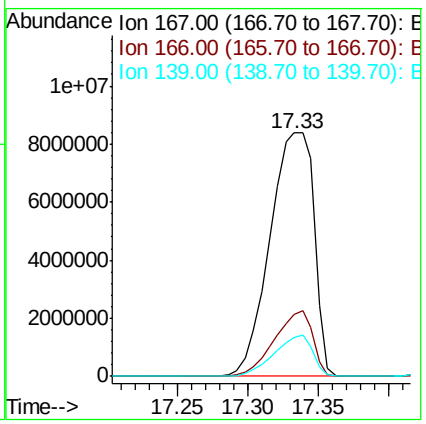


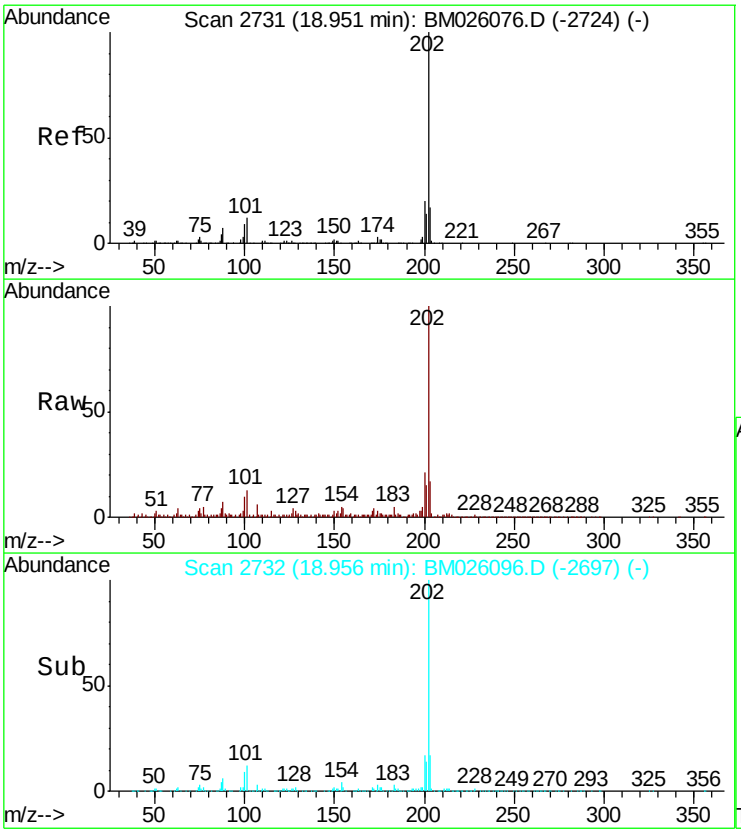
#75
Carbazole
Concen: 352.201 ng/ul
RT: 17.33 min Scan# 2456
Delta R.T. 0.04 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp:18216017

Ion	Ratio	Lower	Upper
167	100		
166	25.5	16.6	25.0#
139	16.1	10.8	16.2

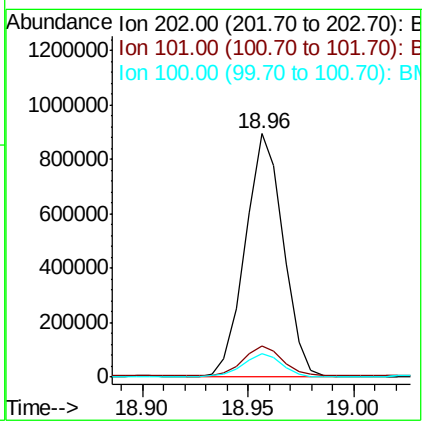


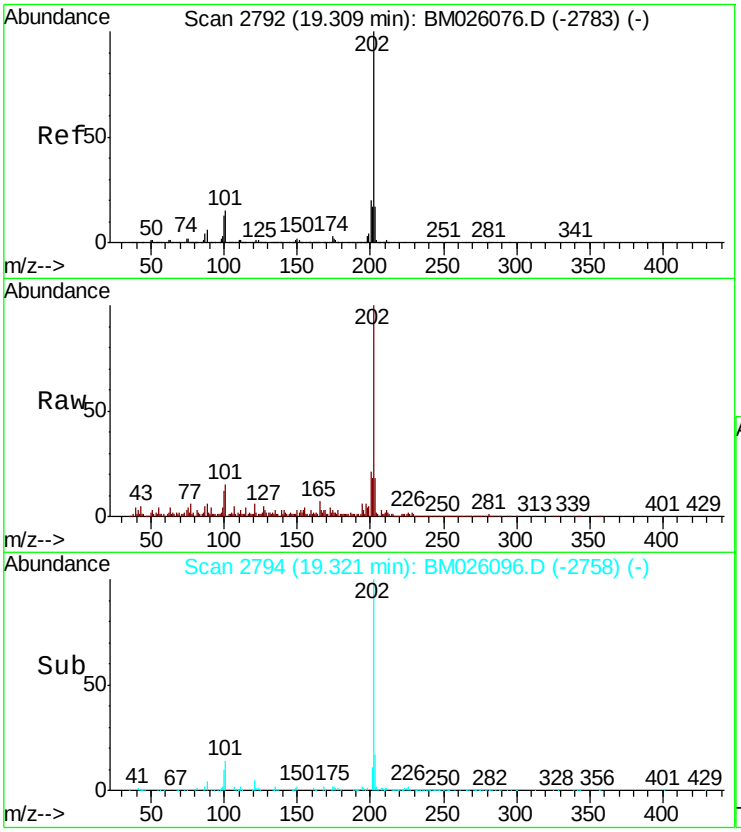


#77
Fluoranthene
Concen: 17.123 ng/ul
RT: 18.96 min Scan# 2732
Delta R.T. 0.01 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Tgt Ion:202 Resp: 1119208

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.5	14.3
100	9.6	7.6	11.4





#80
Pyrene
Concen: 9.109 ng/ul
RT: 19.32 min Scan# 2794
Delta R.T. 0.01 min
Lab File: BM026096.D
Acq: 23 May 2020 01:51

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 649477

Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.2	18.4
100	12.1	10.2	15.4