Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026102.D
Acq On : 23 May 2020 05:29
Operator : MA/SJ
Sample : L2737-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 23 07:09:19 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	208309	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	704699	20.00	ng/ul	0.07
36) Acenaphthene-d10	14.14	164	497309	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	1020080	20.00	ng/ul	0.01
78) Chrysene-d12	21.09	240	1021353	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	1077850	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	25166	3.64	ng/uL	0.00
5) Phenol-d5	6.69	99	140247	7.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	369686	28.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	373567	25.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	246409	17.30	ng/ul	0.01
19) Nitrobenzene-d5	8.65	128	226416	39.41	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	240827	42.37	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.94	165	404512	35.45	ng/ul	0.05
29) 4-Chloroaniline-d4	10.48	131	38780	3.35	ng/ul	0.08
44) Dimethylphthalate-d6	13.57	166	1233671	30.93	ng/ul	0.02
47) Acenaphthylene-d8	13.82	160	1500177	31.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	44067	6.24	ng/ul	0.04
58) Fluorene-d10	15.14	176	1091625	31.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	165240	27.78	ng/ul	0.01
71) Anthracene-d10	17.00	188	1632172	32.47	ng/ul	0.02
79) Pyrene-d10	19.29	212	1772180	33.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	1708261	29.78	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.72	94	754291	35.608	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.94	93	17072	1.047	ng/ul#	21
11) 2-Methylphenol	7.95	108	1329373	91.081	ng/ul	99
14) Acetophenone	8.33	105	228440	9.561	ng/ul#	59
16) 4-Methylphenol	8.28	108	1805538	113.749	ng/ul	92
17) Hexachloroethane	8.59	117	22280	3.221	ng/ul#	10
20) Nitrobenzene	8.73	77	47729	2.705	ng/ul#	24
24) 2,4-Dimethylphenol	9.50	107	3169289	200.828	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.73	93	94767	5.120	ng/ul#	1
30) 4-Chloroaniline	10.39	127	11382726	941.558	ng/ul#	12
33) 4-Chloro-3-methylphenol	11.63	107	44890	3.275	ng/ul#	25
34) 2-Methylnaphthalene	11.95	142	9286680	320.447	ng/ul	99
35) 1-Methylnaphthalene	12.16	142	5462824	203.177	ng/ul	99
41) 1,1'-Biphenyl	12.96	154	1727298	39.143	ng/ul	99
45) Dimethylphthalate	13.62	163	133757	3.195	ng/ul	99
48) Acenaphthylene	13.86	152	134762	2.598	ng/ul#	77
50) Acenaphthene	14.22	153	8509683	232.620	ng/ul	98
54) Dibenzofuran	14.55	168	6507610	126.582	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.78	232	17091	1.776	ng/ul#	55
59) Fluorene	15.20	166	4820438	115.911	ng/ul	99
61) 4-Nitroaniline	15.20	138	57785	6.764	ng/ul#	35
65) N-Nitrosodiphenylamine	15.45	169	63054	1.844	ng/ul#	1
69) Pentachlorophenol	16.57	266	16911	2.299	ng/ul	96

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026102.D
Acq On : 23 May 2020 05:29
Operator : MA/SJ
Sample : L2737-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 23 07:09:19 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)
70) Phenanthrene	16.94	178	9689623	150.798	ng/ul	97
72) Anthracene	17.03	178	1072487	16.636	ng/ul	99
75) Carbazole	17.33	167	17564364	329.338	ng/ul#	90
77) Fluoranthene	18.96	202	3066004	45.489	ng/ul	99
80) Pyrene	19.32	202	2020242	28.176	ng/ul	98
83) Benzo(a)anthracene	21.08	228	267370	3.798	ng/ul	97
85) Chrysene	21.08	228	272104	3.889	ng/ul	97
88) Benzo(b)fluoranthene	22.59	252	123885	1.699	ng/ul#	92

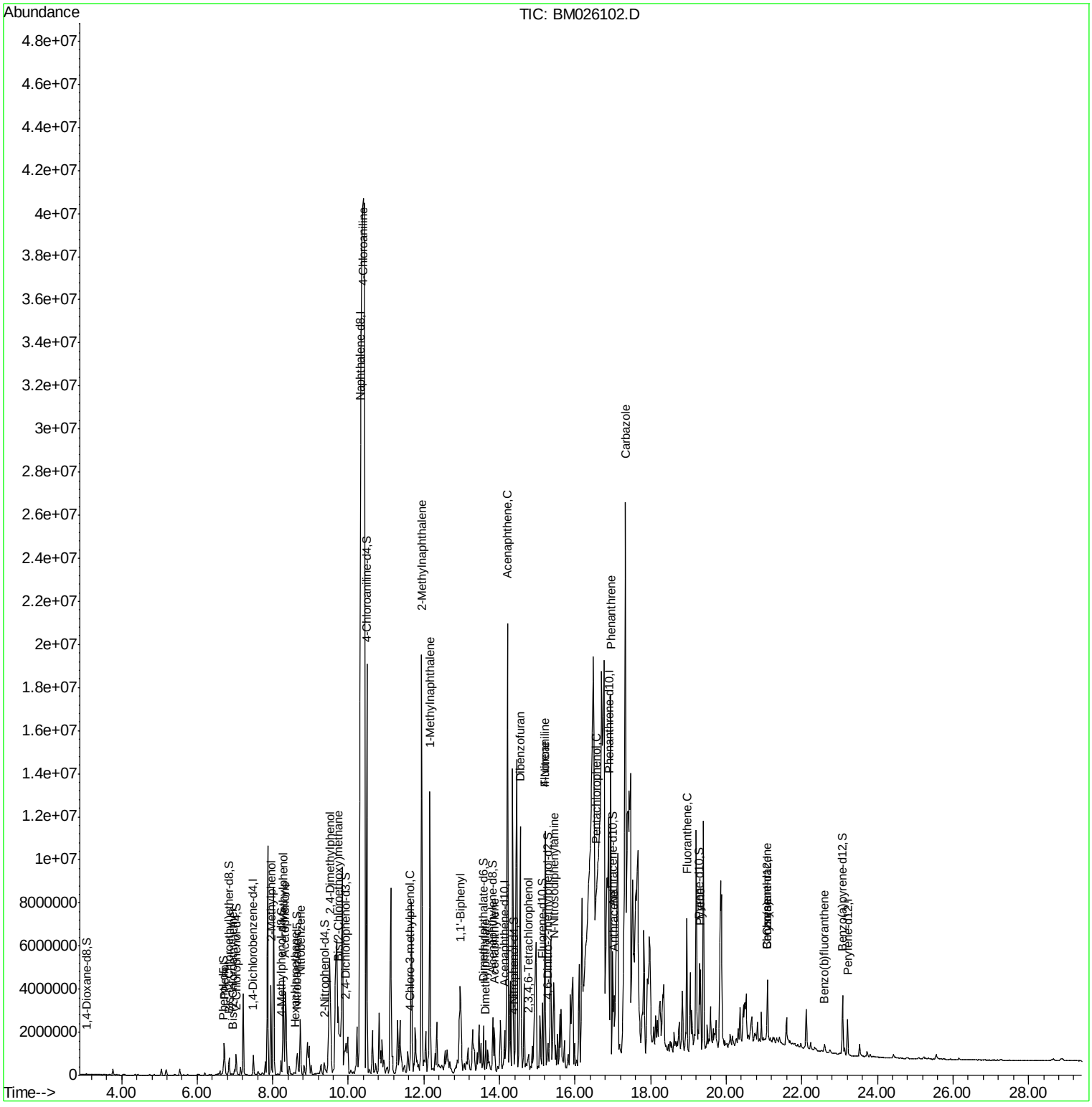
(#) = qualifier out of range (m) = manual integration (+) = signals summed

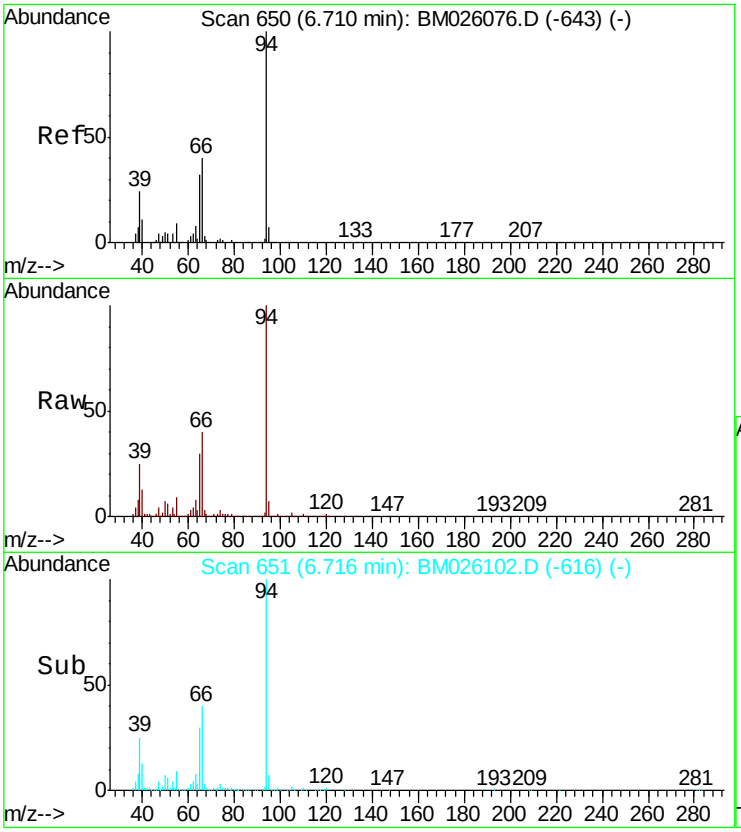
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026102.D
Acq On : 23 May 2020 05:29
Operator : MA/SJ
Sample : L2737-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 23 07:09:19 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



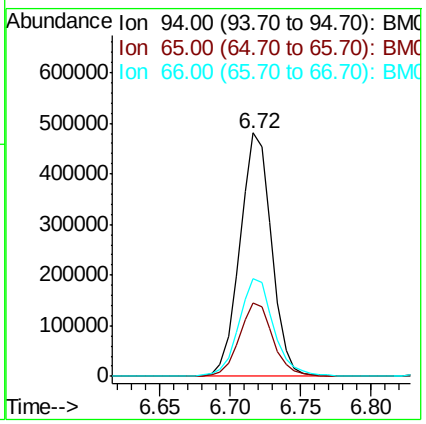


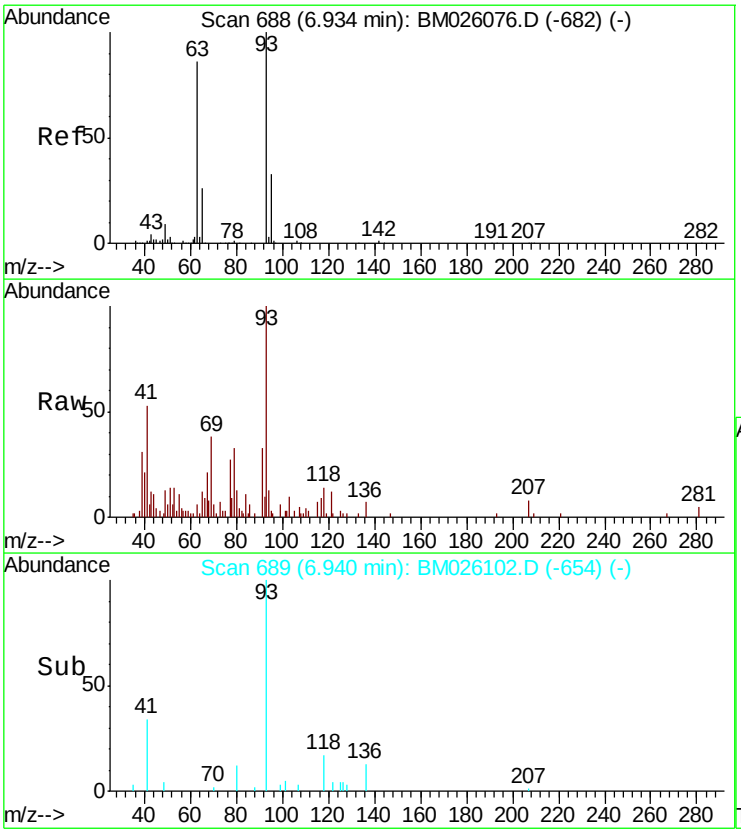
#6
Phenol
Concen: 35.608 ng/ul
RT: 6.72 min Scan# 651
Delta R.T. 0.01 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 754291

Ion	Ratio	Lower	Upper
94	100		
65	30.1	25.8	38.8
66	40.2	33.3	49.9

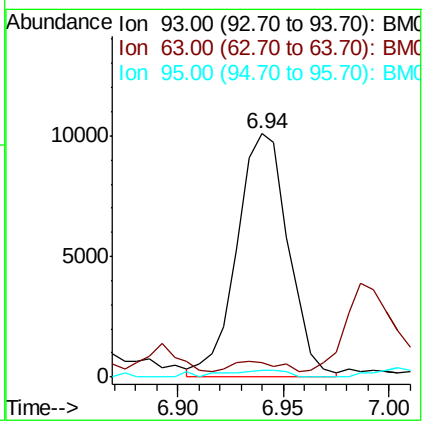


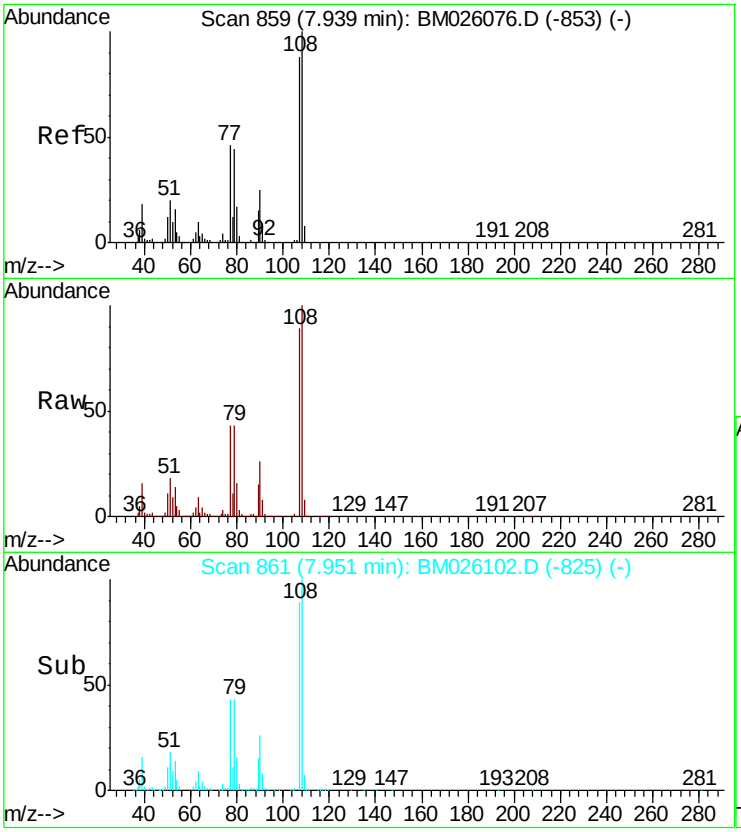


#8
Bis(2-Chloroethyl)ether
Concen: 1.047 ng/ul
RT: 6.94 min Scan# 689
Delta R.T. 0.01 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Tgt Ion: 93 Resp: 17072

Ion	Ratio	Lower	Upper
93	100		
63	6.0	70.7	106.1#
95	2.9	26.2	39.4#



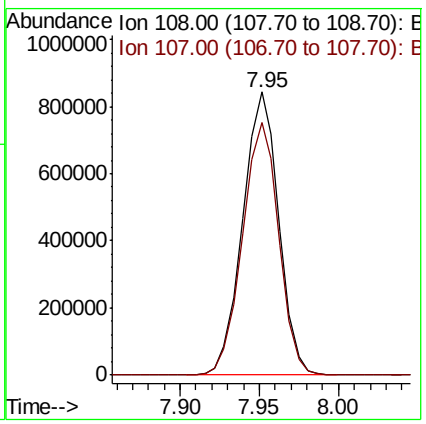


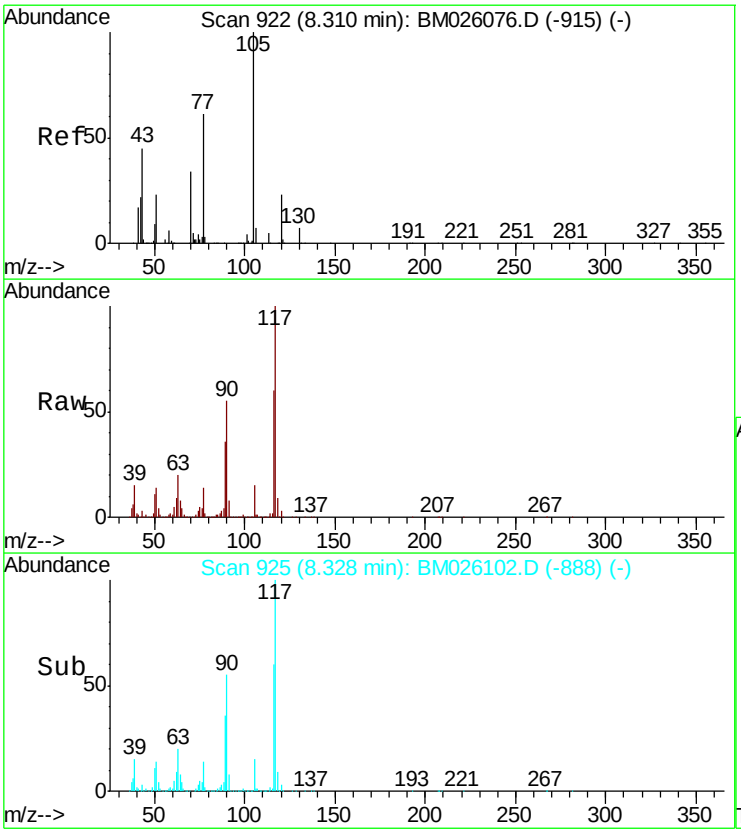
#11
2-Methylphenol
Concen: 91.081 ng/ul
RT: 7.95 min Scan# 861
Delta R.T. 0.01 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 1329373

Ion	Ratio	Lower	Upper
108	100		
107	89.4	72.3	108.5

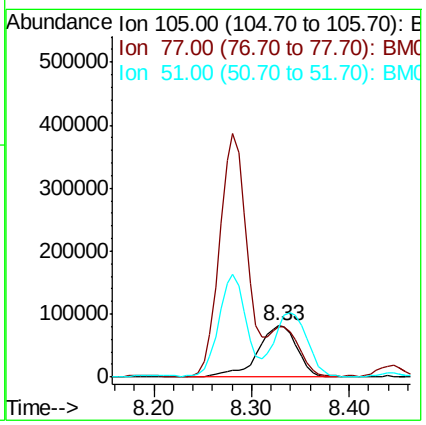


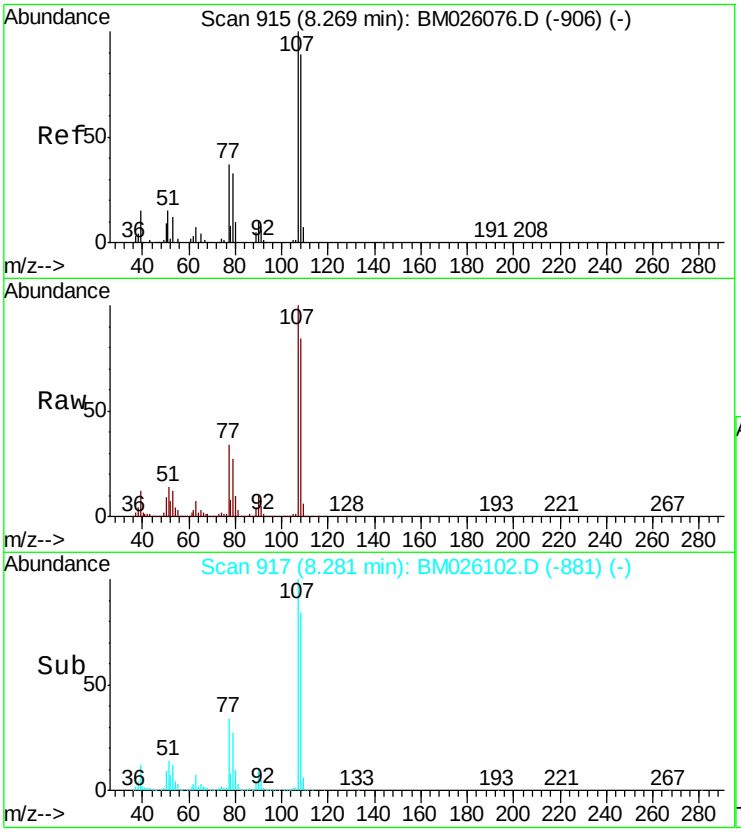


#14
Acetophenone
Concen: 9.561 ng/ul
RT: 8.33 min Scan# 925
Delta R.T. 0.02 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Tgt Ion:105 Resp: 228440

Ion	Ratio	Lower	Upper
105	100		
77	97.5	67.2	100.8
51	94.9	27.4	41.0#



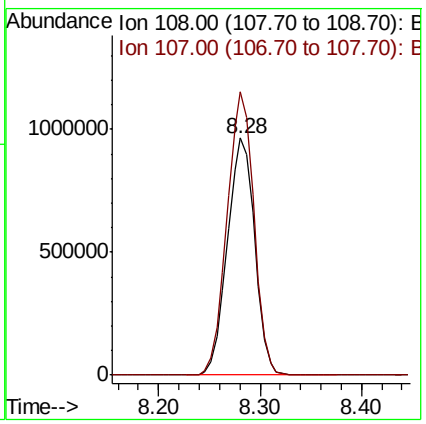


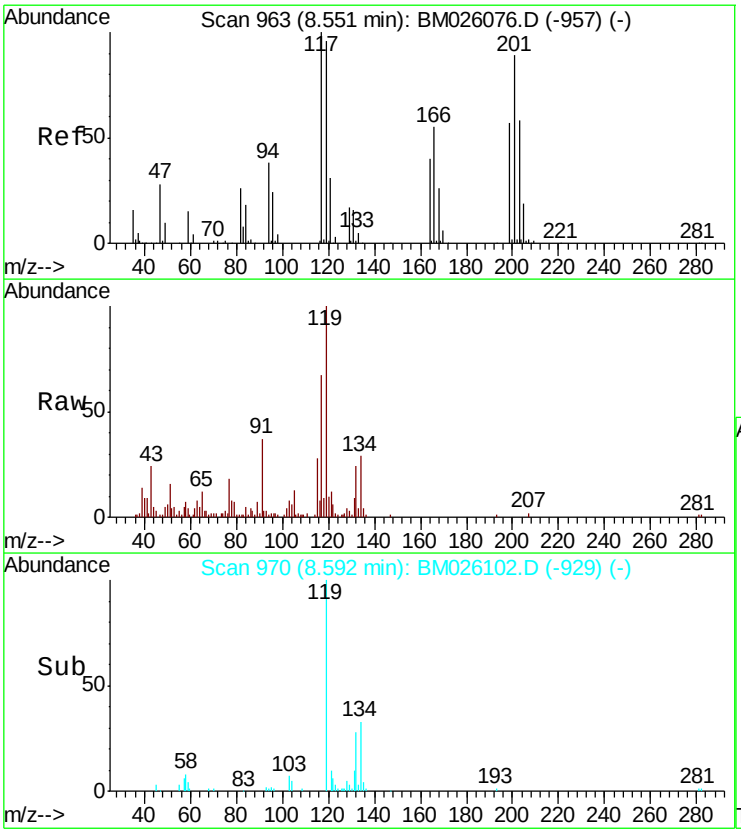
#16
4-Methylphenol
Concen: 113.749 ng/ul
RT: 8.28 min Scan# 917
Delta R.T. 0.01 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 1805538

Ion	Ratio	Lower	Upper
108	100		
107	119.6	88.6	132.8

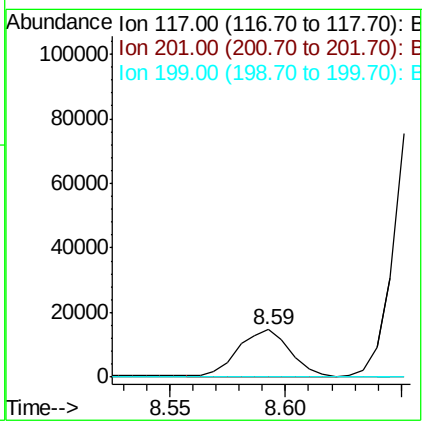


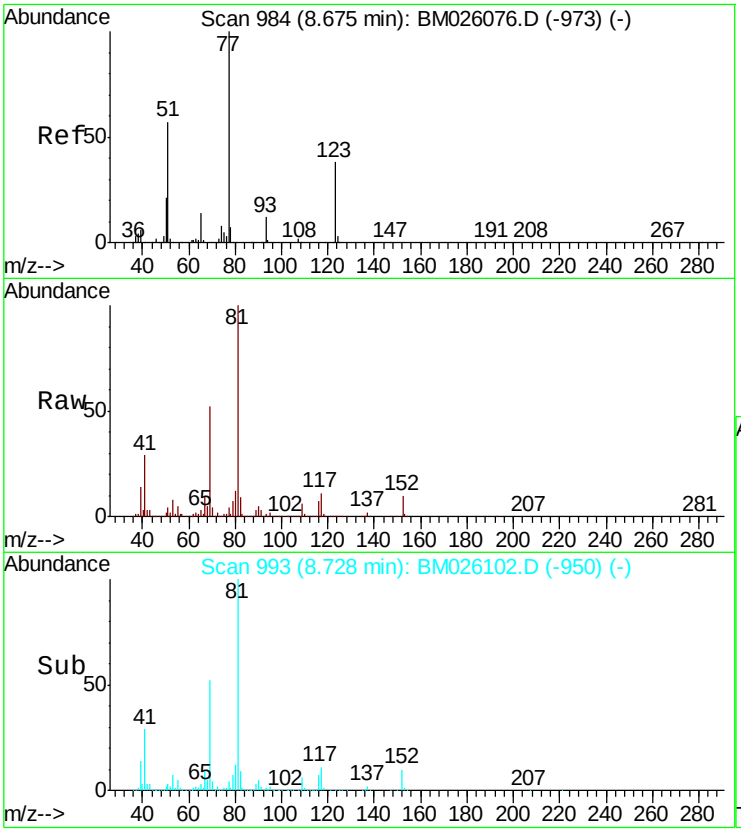


#17
Hexachloroethane
Concen: 3.221 ng/ul
RT: 8.59 min Scan# 970
Delta R.T. 0.04 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Tgt Ion:117 Resp: 22280

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



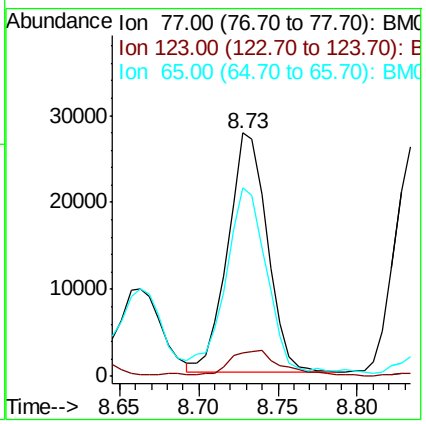


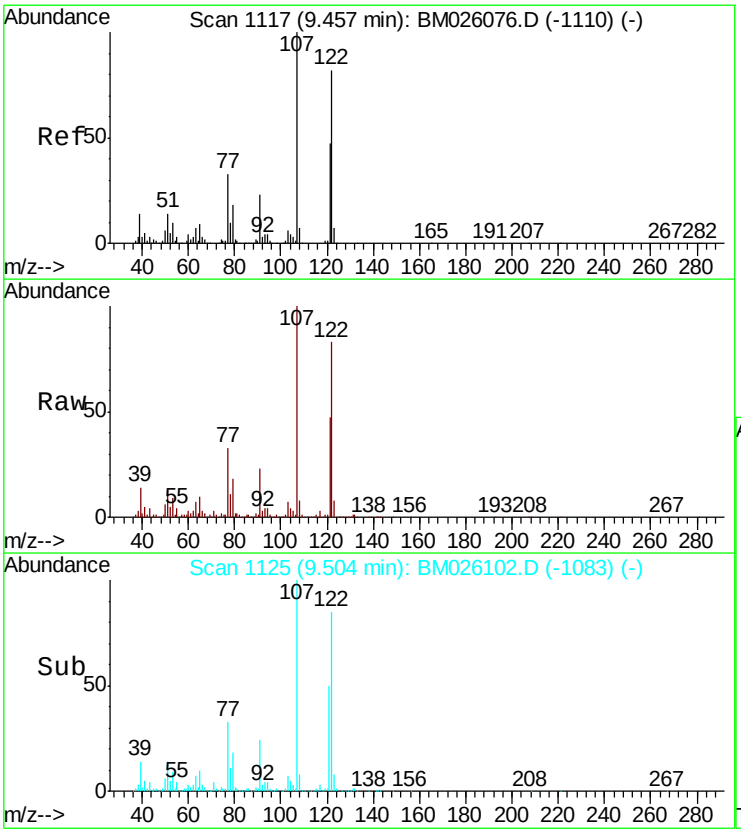
#20
Nitrobenzene
Concen: 2.705 ng/ul
RT: 8.73 min Scan# 993
Delta R.T. 0.05 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 47729

Ion	Ratio	Lower	Upper
77	100		
123	9.5	29.5	44.3#
65	77.6	11.0	16.4#

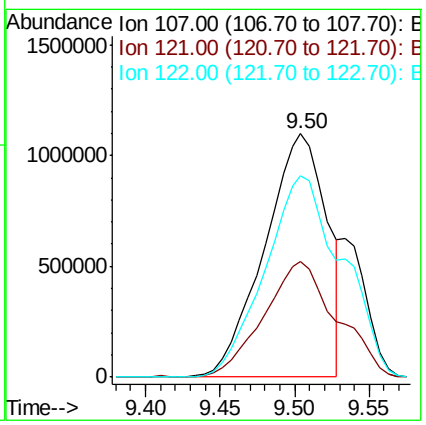


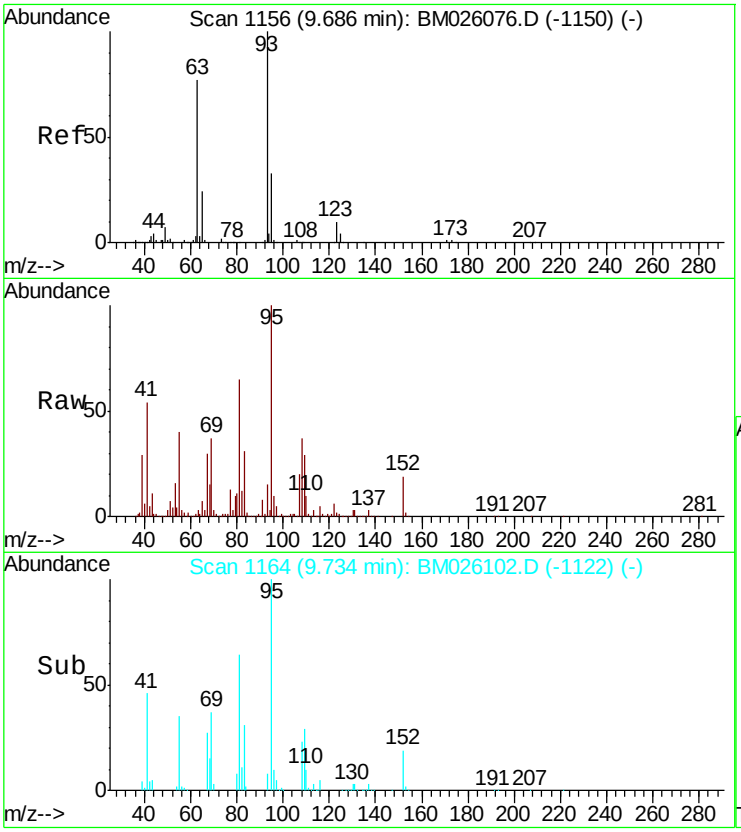


#24
2,4-Dimethylphenol
Concen: 200.828 ng/ul
RT: 9.50 min Scan# 1125
Delta R.T. 0.05 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Tgt Ion:107 Resp: 3169289

Ion	Ratio	Lower	Upper
107	100		
121	47.5	37.5	56.3
122	82.7	63.8	95.6



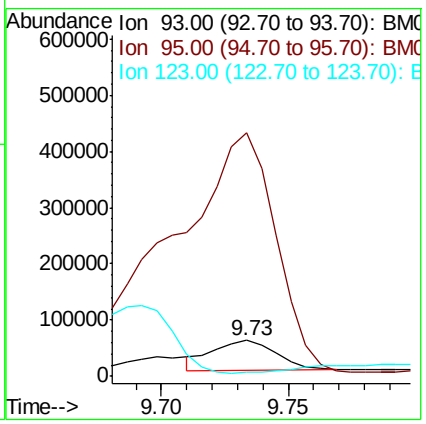


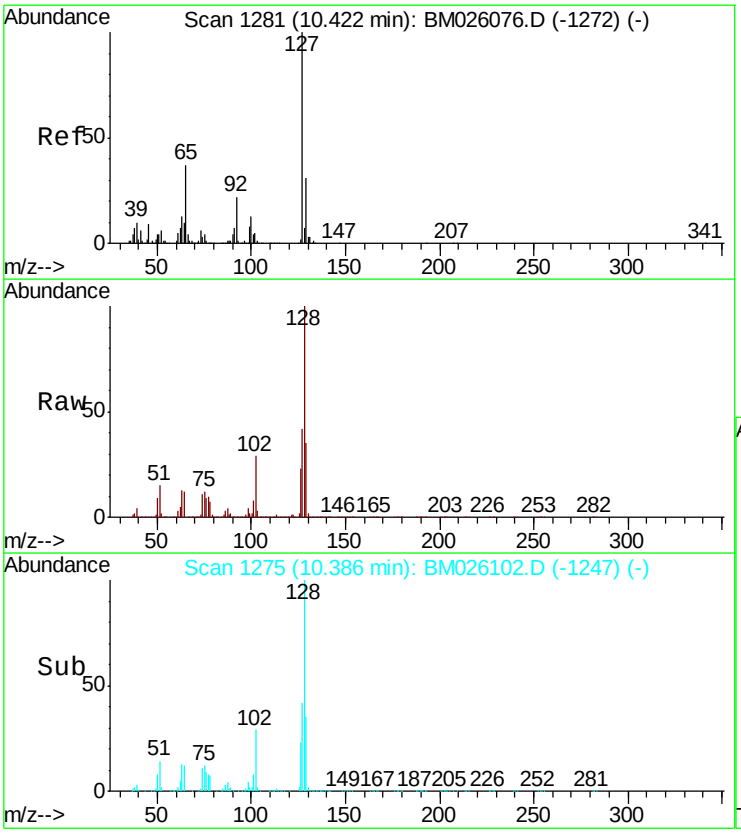
#25
Bis(2-Chloroethoxy)methane
Concen: 5.120 ng/ul
RT: 9.73 min Scan# 1164
Delta R.T. 0.05 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 93 Resp: 94767

Ion	Ratio	Lower	Upper
93	100		
95	682.8	25.5	38.3#
123	11.1	8.6	12.8

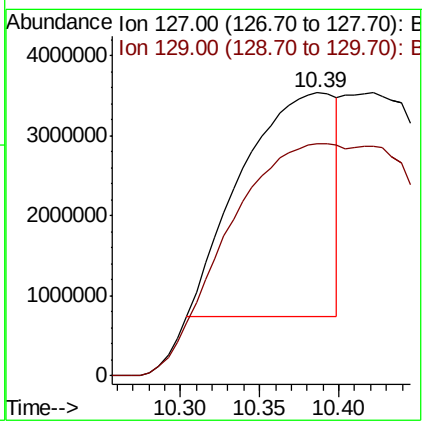


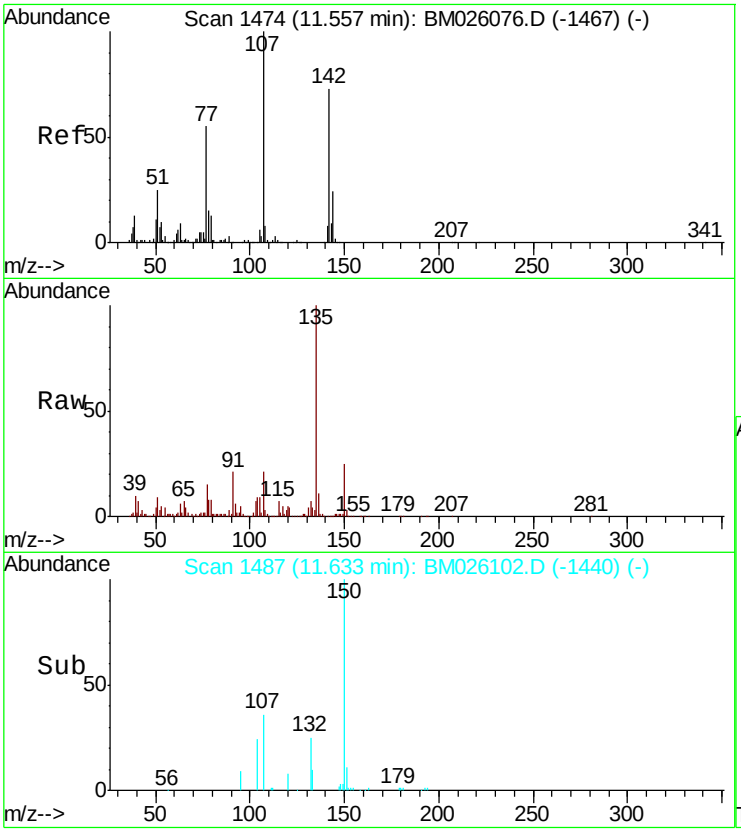


#30
4-Chloroaniline
Concen: 941.558 ng/ul
RT: 10.39 min Scan# 1275
Delta R.T. -0.04 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Tgt Ion:127 Resp:11382726

Ion	Ratio	Lower	Upper
127	100		
129	82.1	26.2	39.2#



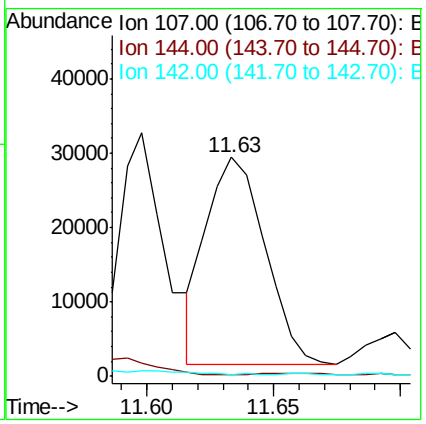


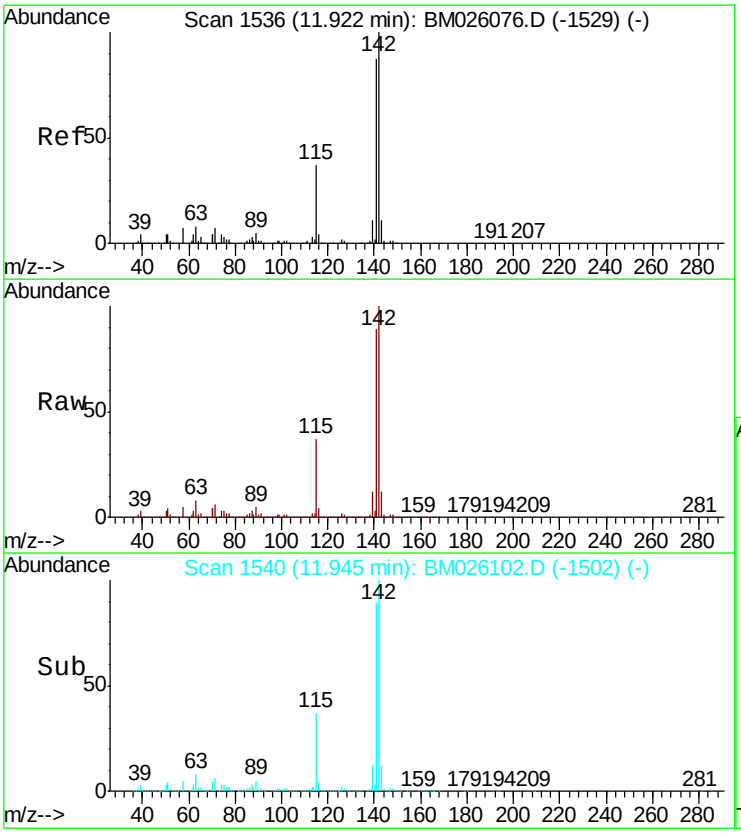
#33
4-Chloro-3-methylphenol
Concen: 3.275 ng/ul
RT: 11.63 min Scan# 1487
Delta R.T. 0.08 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 44890

Ion	Ratio	Lower	Upper
107	100		
144	0.8	18.1	27.1#
142	0.8	56.0	84.0#

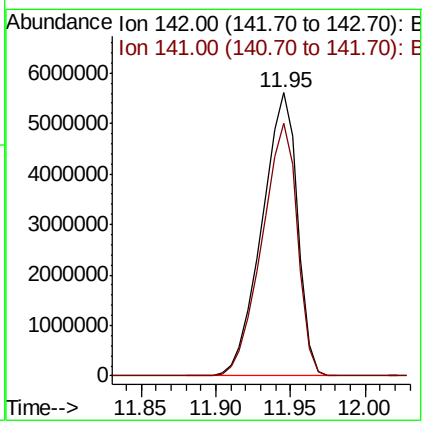


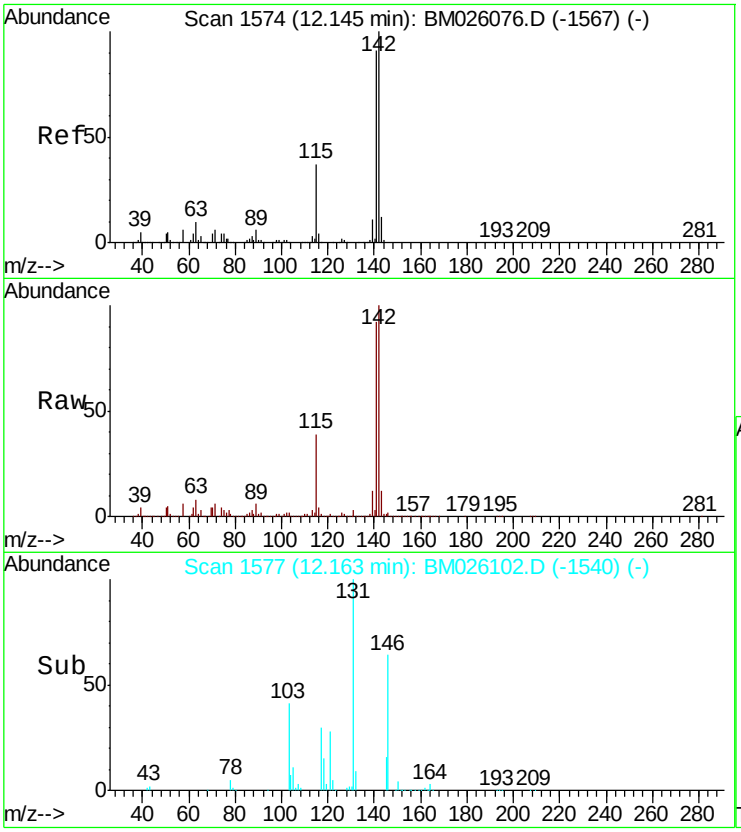


#34
2-Methylnaphthalene
Concen: 320.447 ng/ul
RT: 11.95 min Scan# 1540
Delta R.T. 0.02 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Tgt Ion:142 Resp: 9286680

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.8	107.6



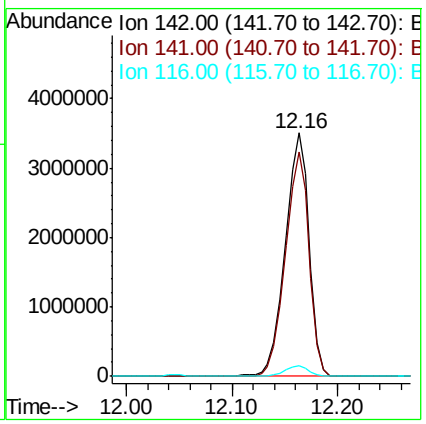


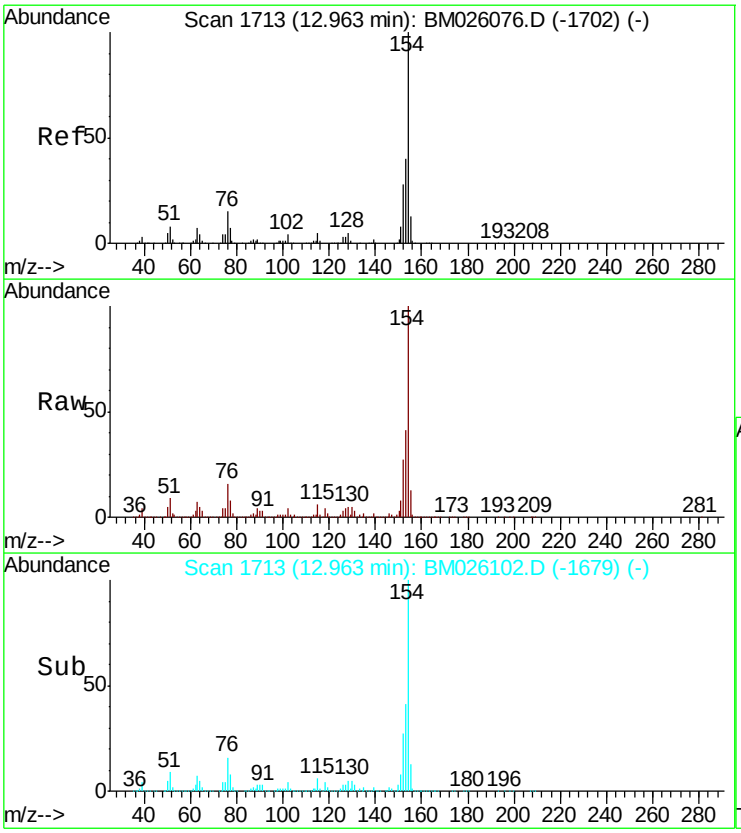
#35
1-Methylnaphthalene
Concen: 203.177 ng/ul
RT: 12.16 min Scan# 1577
Delta R.T. 0.02 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 5462824

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

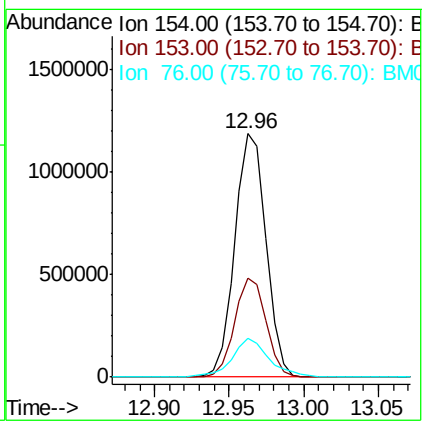


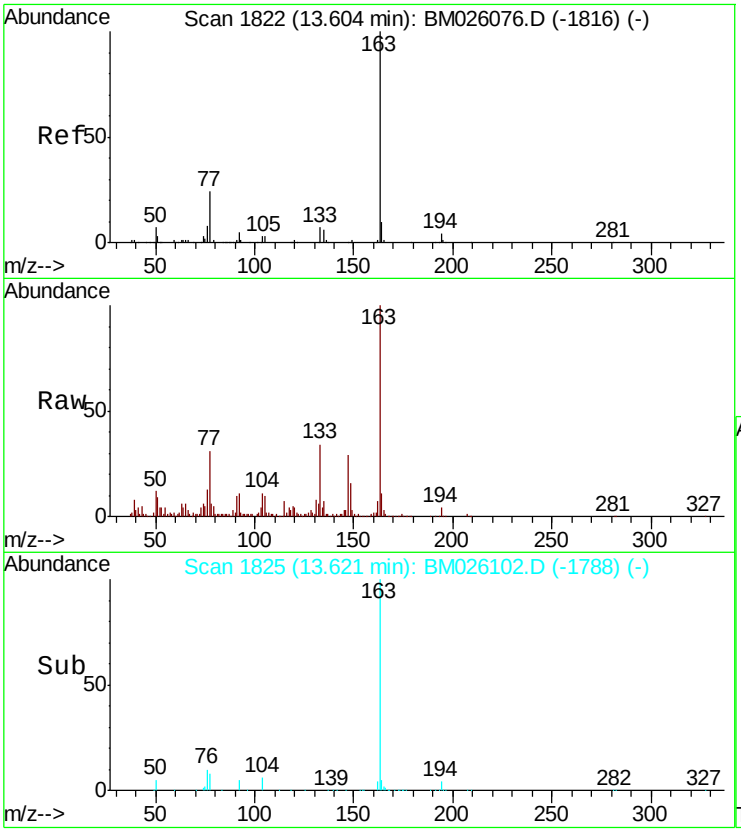


#41
1,1'-Biphenyl
Concen: 39.143 ng/ul
RT: 12.96 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Tgt Ion:154 Resp: 1727298

Ion	Ratio	Lower	Upper
154	100		
153	40.6	32.3	48.5
76	15.8	13.0	19.6



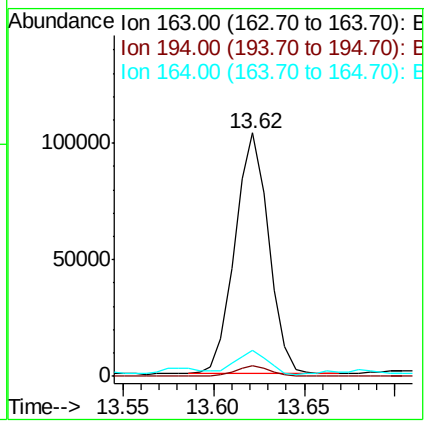


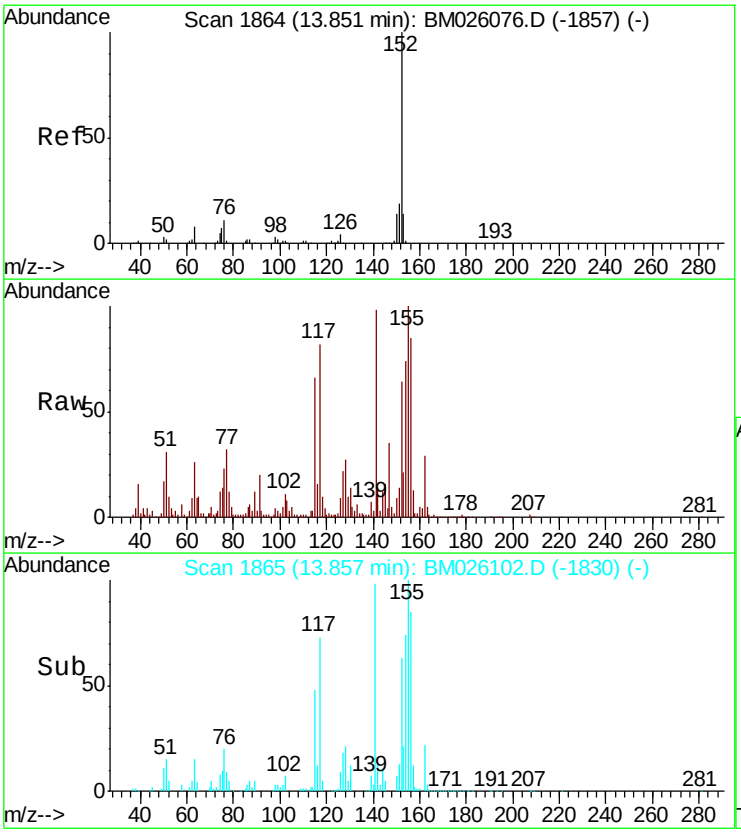
#45
Dimethylphthalate
Concen: 3.195 ng/ul
RT: 13.62 min Scan# 1825
Delta R.T. 0.02 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 133757

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.6	8.0	12.0

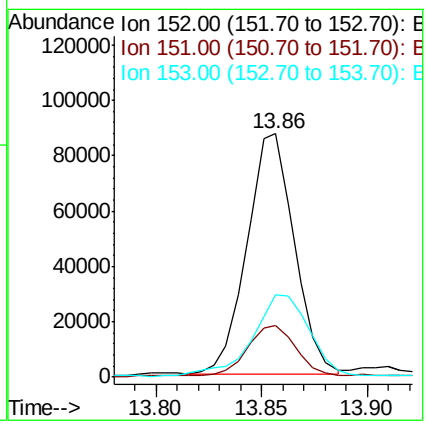


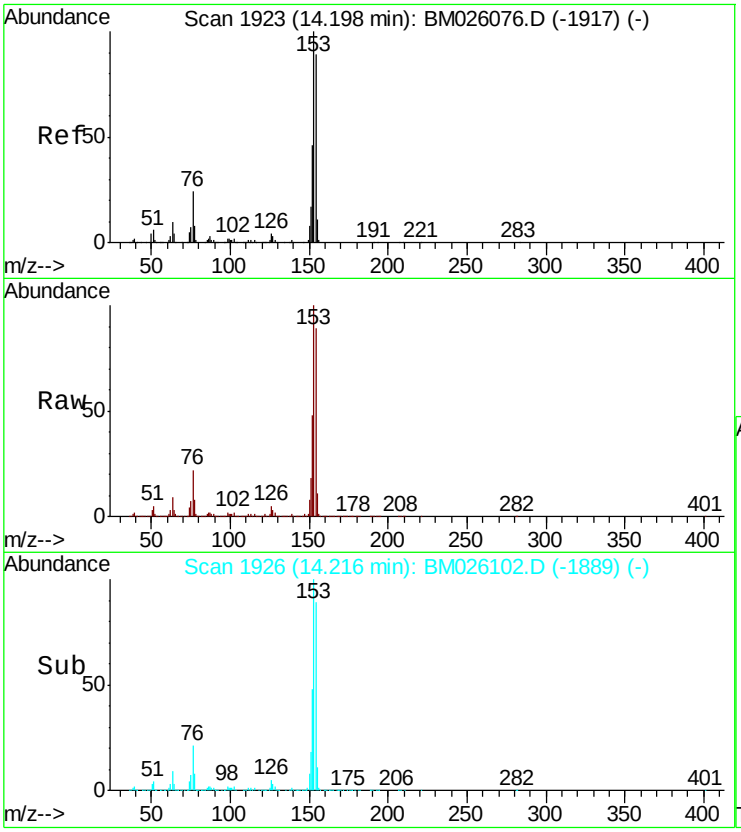


#48
Acenaphthylene
Concen: 2.598 ng/ul
RT: 13.86 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Tgt Ion:152 Resp: 134762

Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.7	23.5
153	33.7	10.2	15.2#



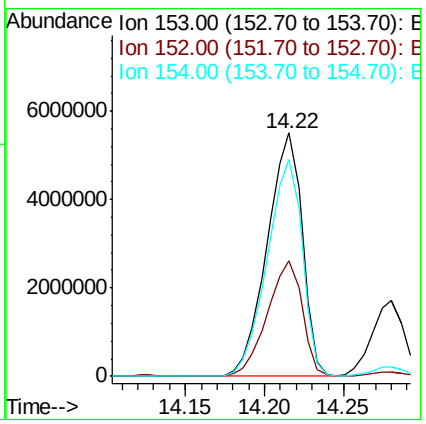


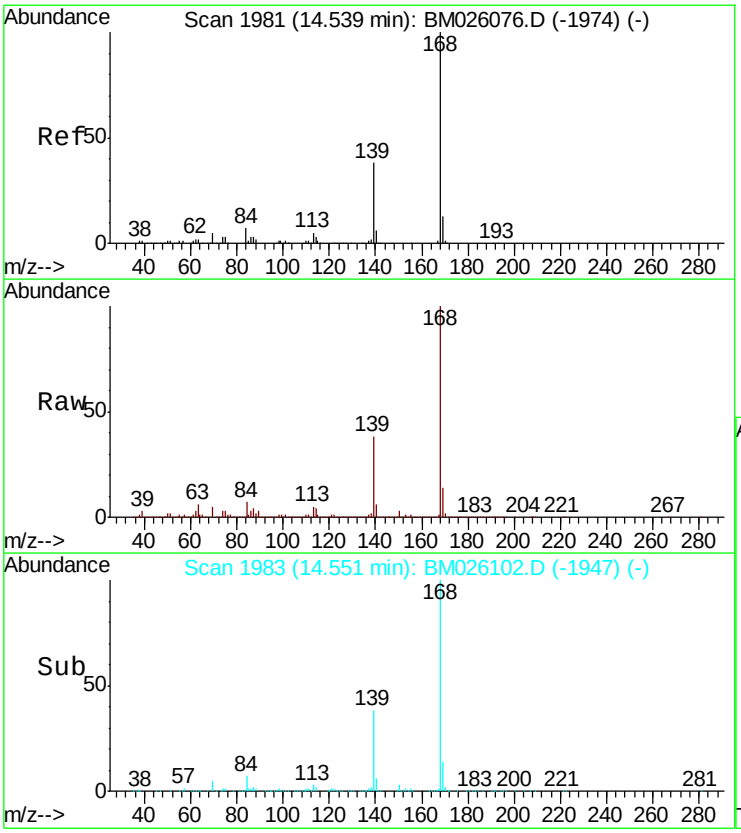
#50
Acenaphthene
Concen: 232.620 ng/ul
RT: 14.22 min Scan# 1926
Delta R.T. 0.02 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 8509683

Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.2	55.8
154	88.9	69.8	104.8

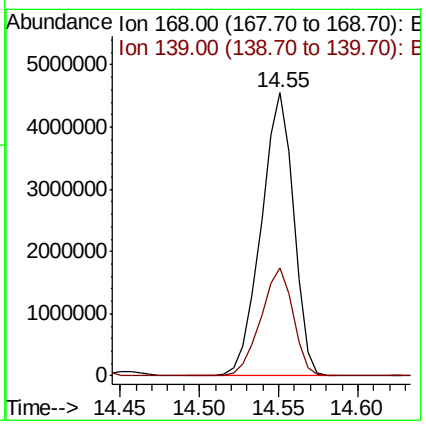


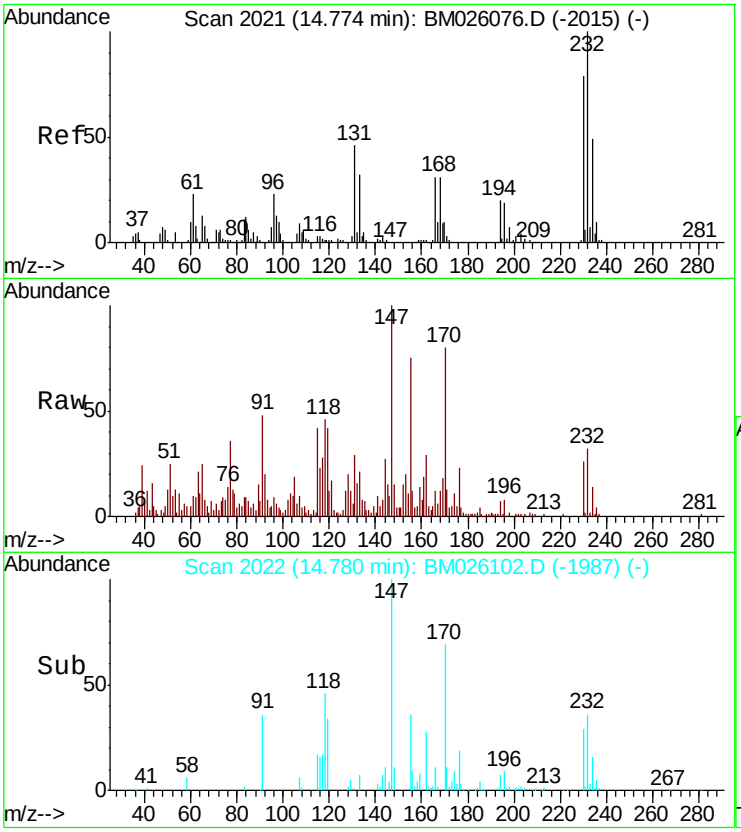


#54
Dibenzofuran
Concen: 126.582 ng/ul
RT: 14.55 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Tgt Ion:168 Resp: 6507610

Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.7	46.1



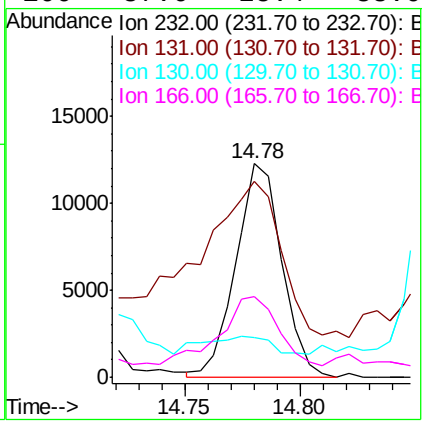


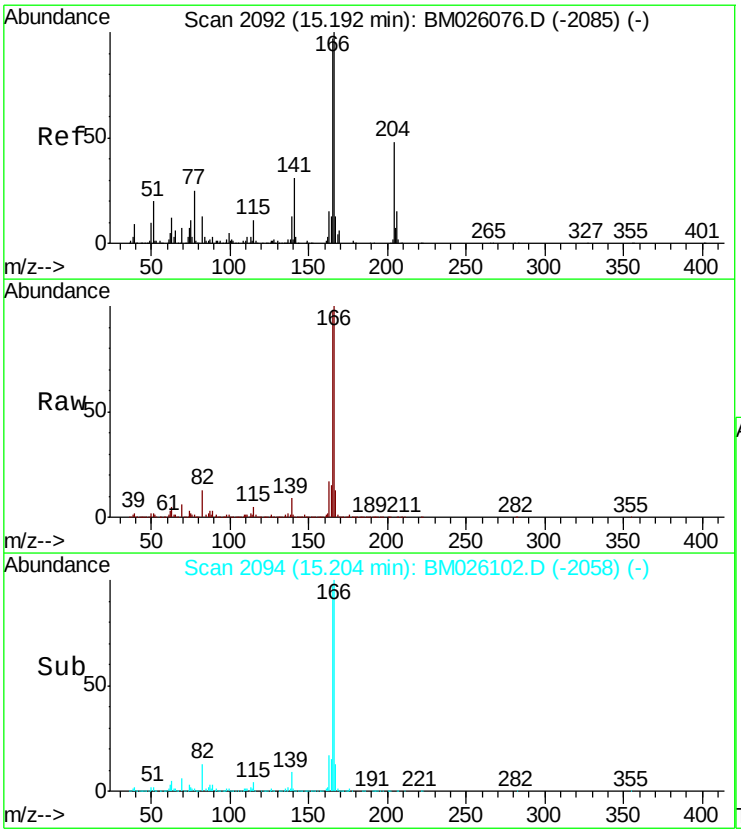
#56
2,3,4,6-Tetrachlorophenol
Concen: 1.776 ng/ul
RT: 14.78 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:232 Resp: 17091

Ion	Ratio	Lower	Upper
232	100		
131	91.8	37.0	55.4#
130	18.3	1.8	2.8#
166	37.6	25.4	38.0

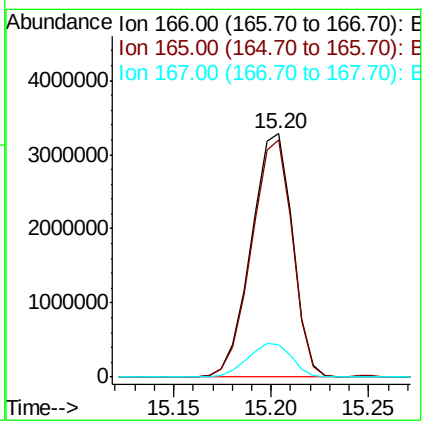


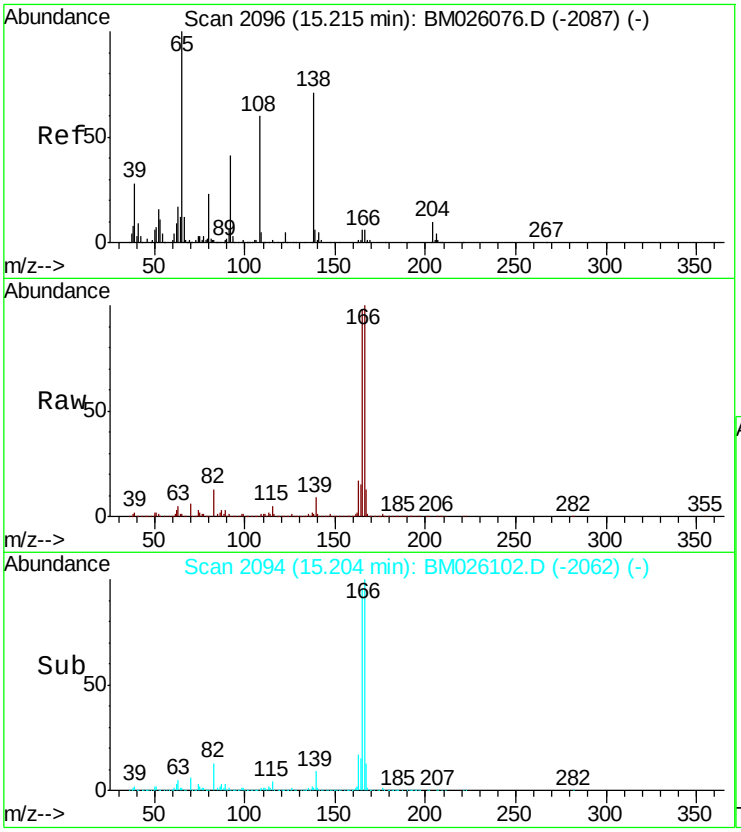


#59
Fluorene
Concen: 115.911 ng/ul
RT: 15.20 min Scan# 2094
Delta R.T. 0.01 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Tgt Ion:166 Resp: 4820438

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.3	115.9
167	13.4	10.6	16.0



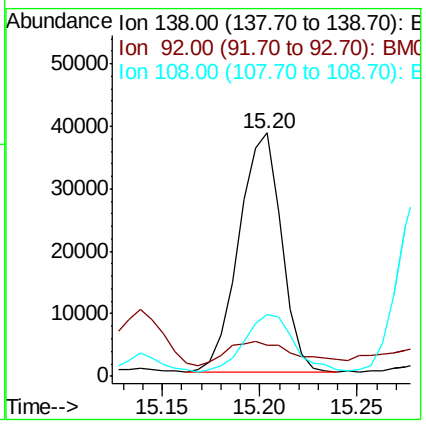


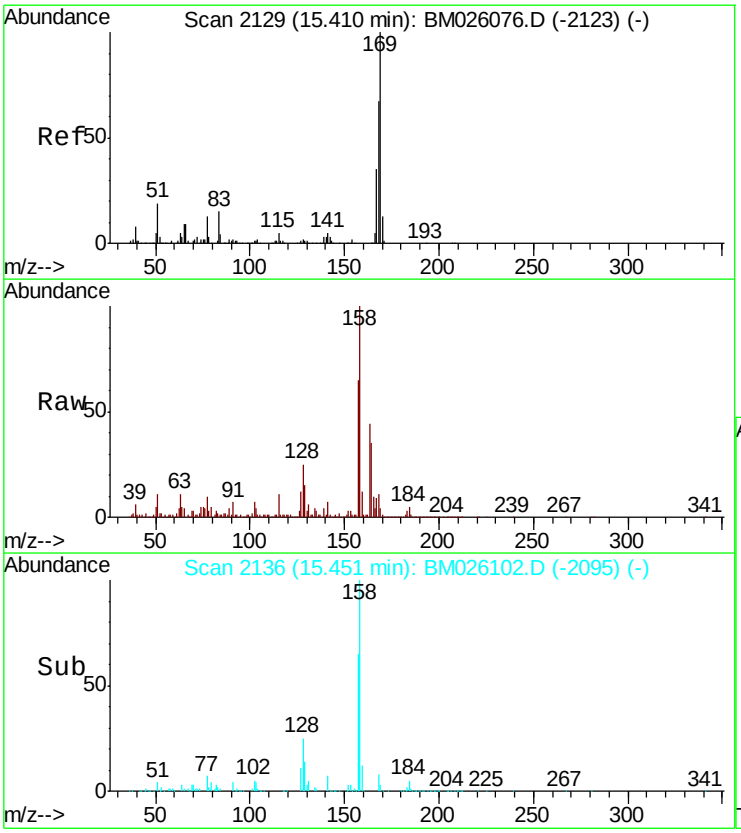
#61
4-Nitroaniline
Concen: 6.764 ng/ul
RT: 15.20 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 57785

Ion	Ratio	Lower	Upper
138	100		
92	12.6	49.4	74.2#
108	25.7	68.3	102.5#

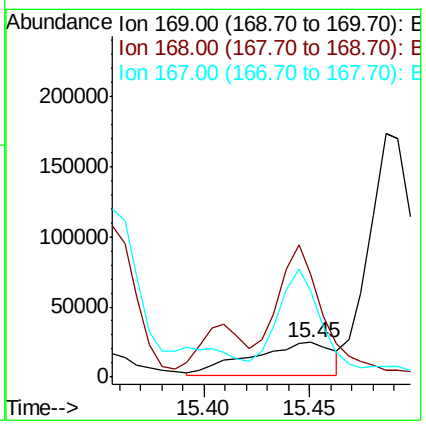


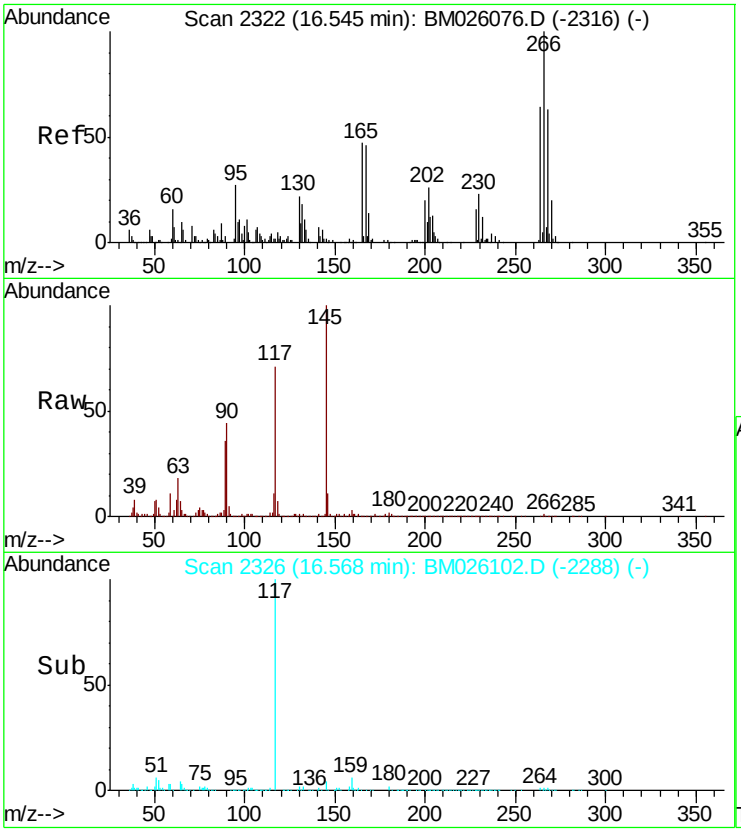


#65
N-Nitrosodiphenylamine
Concen: 1.844 ng/ul
RT: 15.45 min Scan# 2136
Delta R.T. 0.04 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Tgt Ion:169 Resp: 63054

Ion	Ratio	Lower	Upper
169	100		
168	299.7	52.6	78.8#
167	251.0	27.7	41.5#



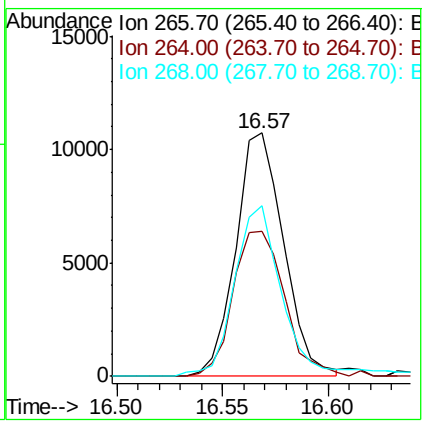


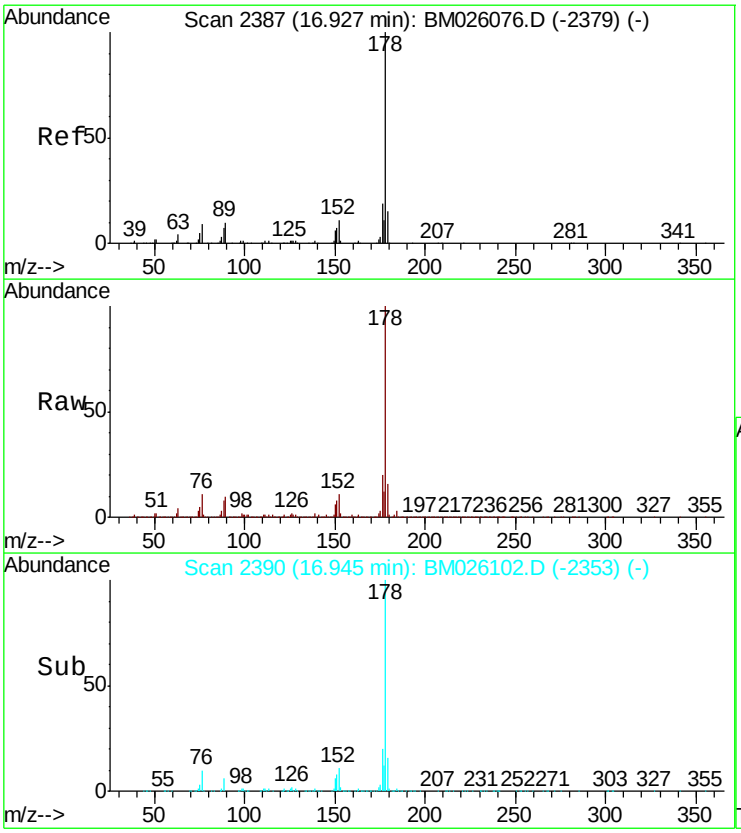
#69
Pentachlorophenol
Concen: 2.299 ng/ul
RT: 16.57 min Scan# 2326
Delta R.T. 0.02 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 16911

Ion	Ratio	Lower	Upper
266	100		
264	59.3	49.3	73.9
268	70.1	52.4	78.6

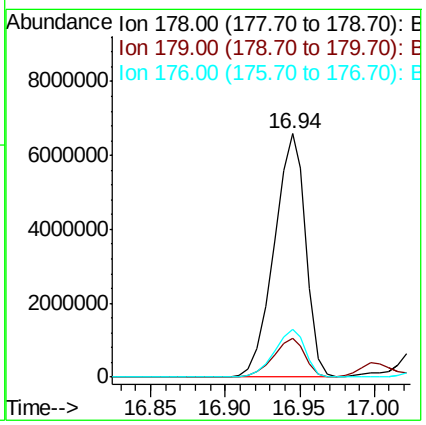


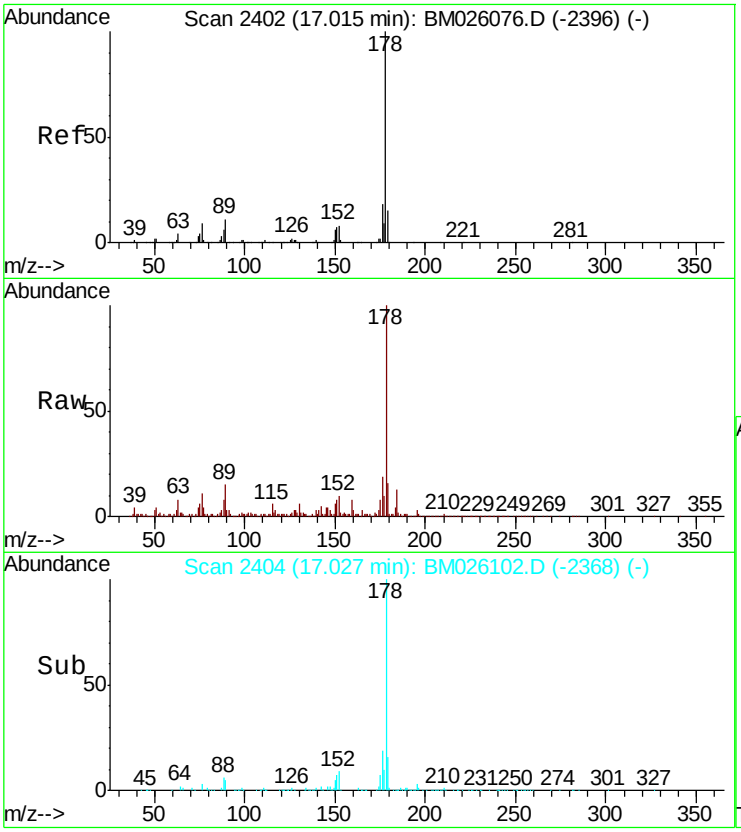


#70
Phenanthrene
Concen: 150.798 ng/ul
RT: 16.94 min Scan# 2390
Delta R.T. 0.02 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Tgt Ion:178 Resp: 9689623

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.9	17.9
176	19.8	14.9	22.3



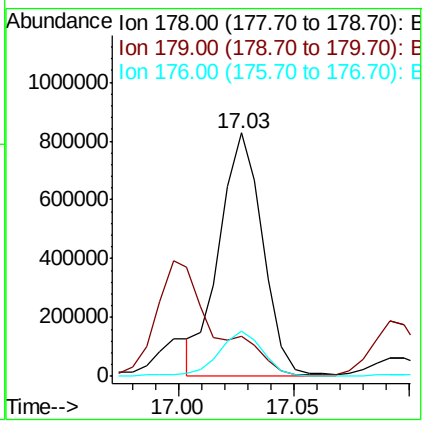


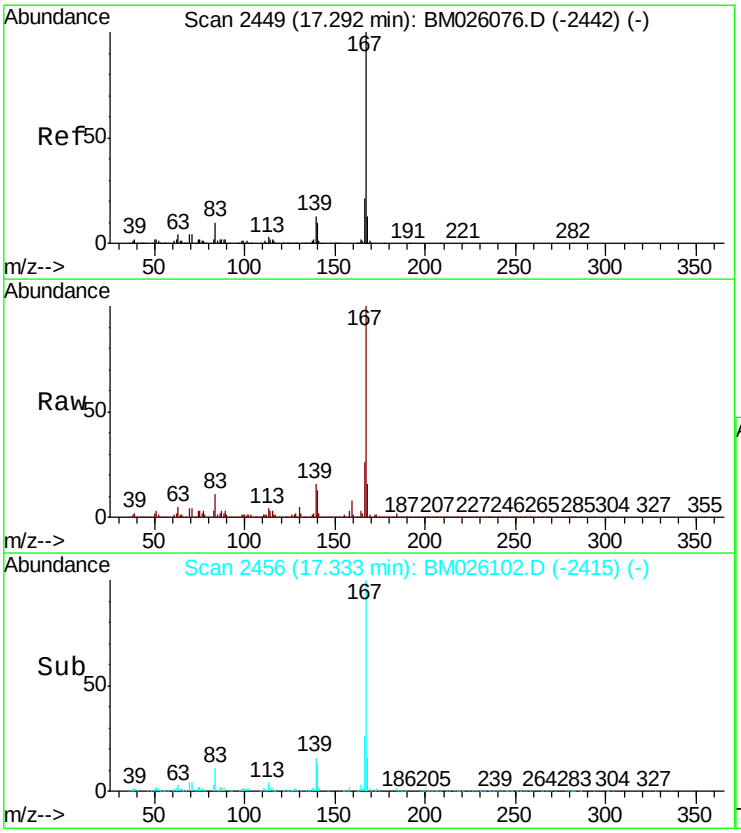
#72
Anthracene
Concen: 16.636 ng/ul
RT: 17.03 min Scan# 2404
Delta R.T. 0.01 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1072487

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.2	18.4
176	18.8	14.9	22.3

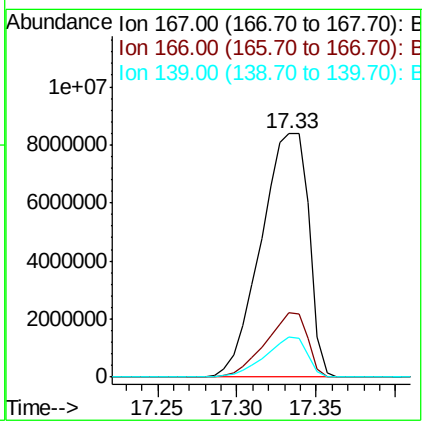


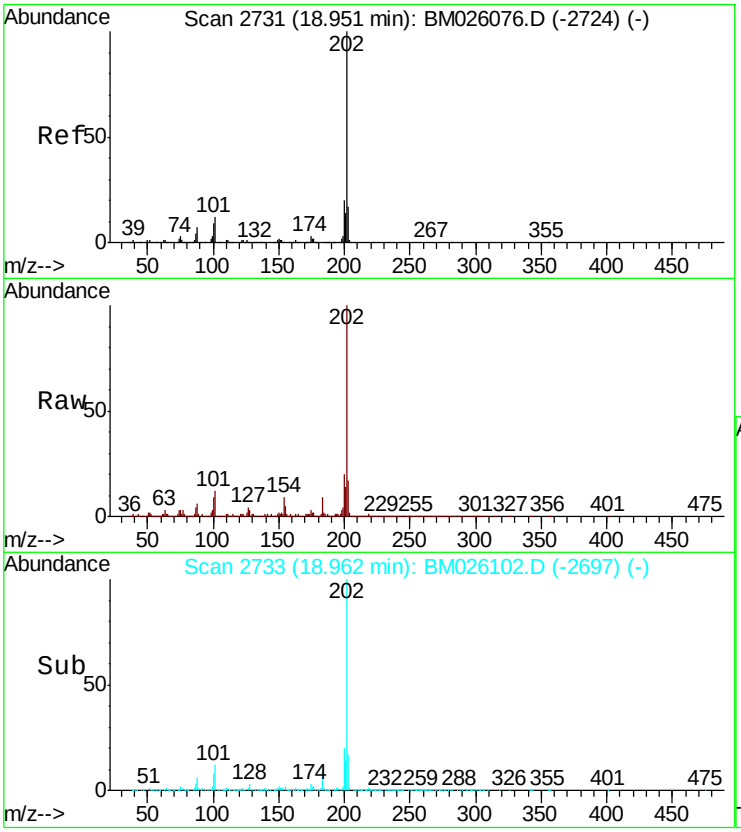


#75
Carbazole
Concen: 329.338 ng/ul
RT: 17.33 min Scan# 2456
Delta R.T. 0.04 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Tgt Ion:167 Resp:17564364

Ion	Ratio	Lower	Upper
167	100		
166	26.3	16.6	25.0#
139	16.5	10.8	16.2#



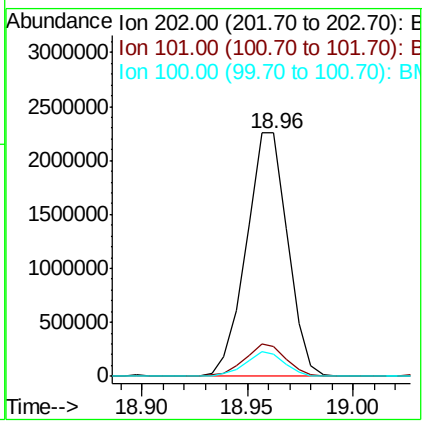


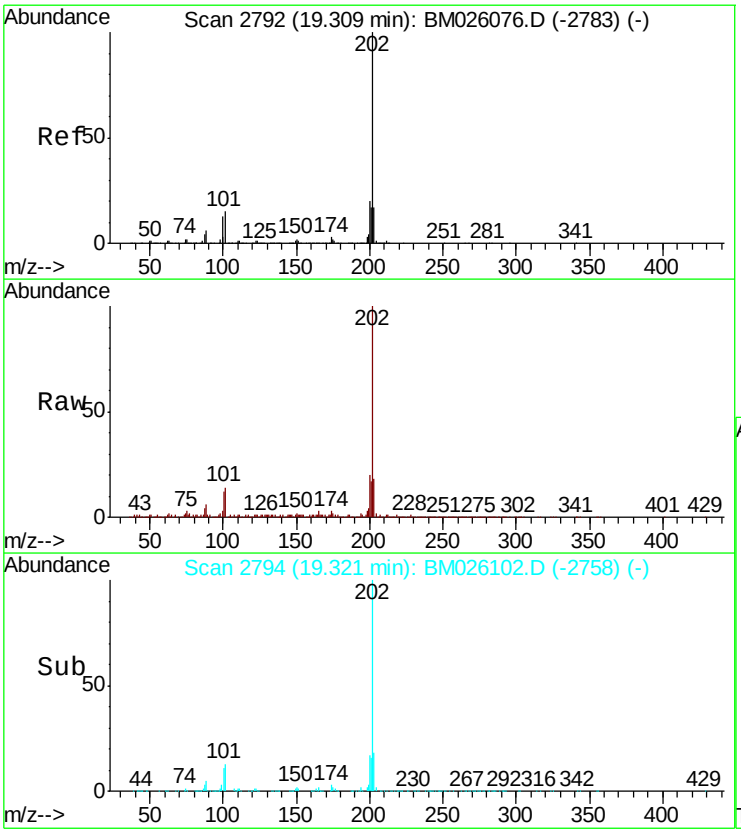
#77
Fluoranthene
Concen: 45.489 ng/ul
RT: 18.96 min Scan# 2733
Delta R.T. 0.01 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3066004

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.5	14.3
100	9.2	7.6	11.4

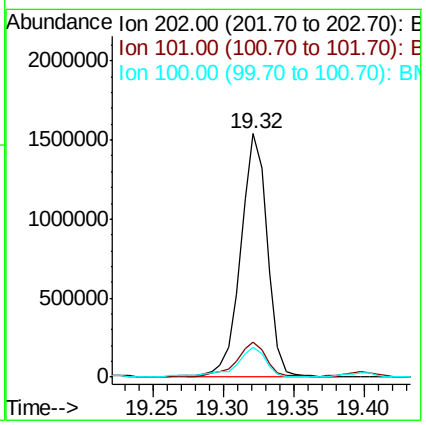


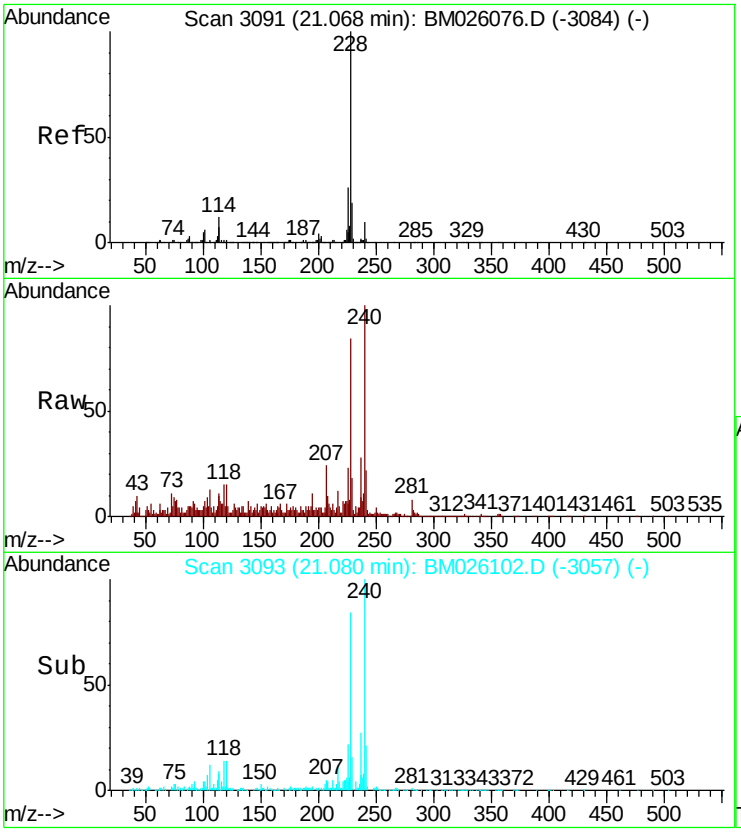


#80
Pyrene
Concen: 28.176 ng/ul
RT: 19.32 min Scan# 2794
Delta R.T. 0.01 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Tgt Ion:202 Resp: 2020242

Ion	Ratio	Lower	Upper
202	100		
101	14.5	12.2	18.4
100	12.1	10.2	15.4



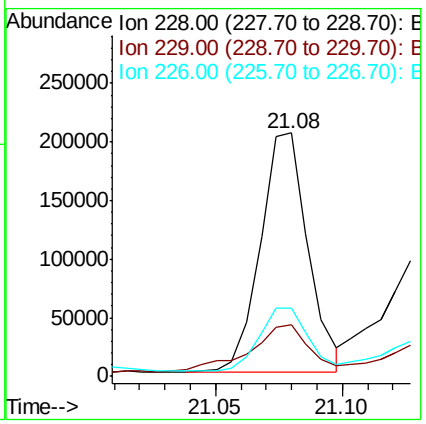


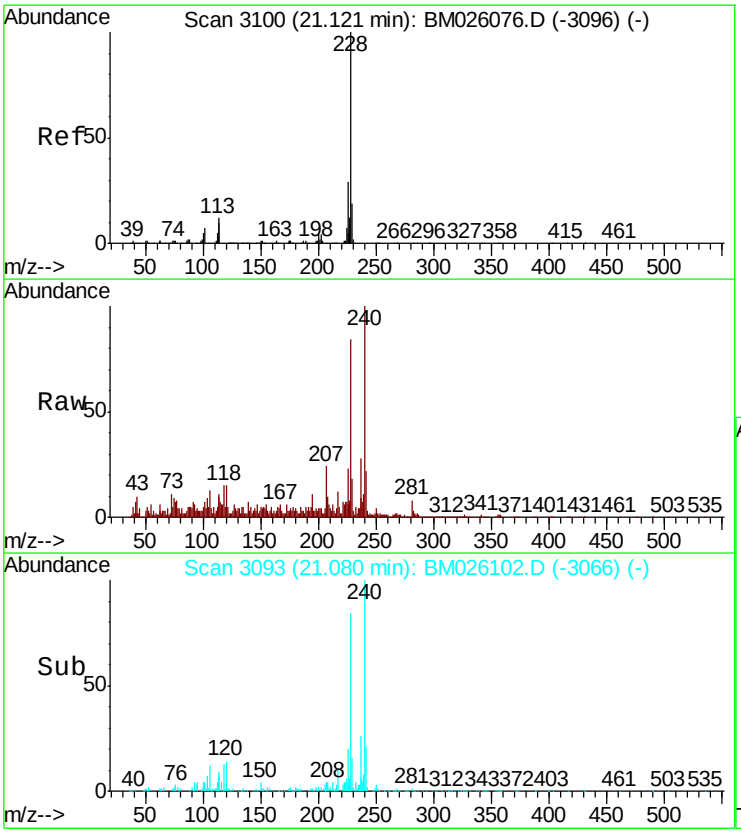
#83
Benzo(a)anthracene
Concen: 3.798 ng/ul
RT: 21.08 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 267370

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.5	23.3
226	27.8	21.2	31.8

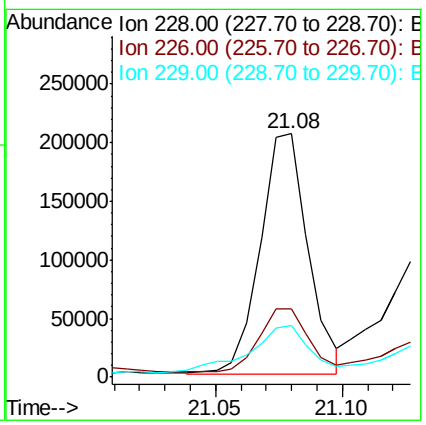


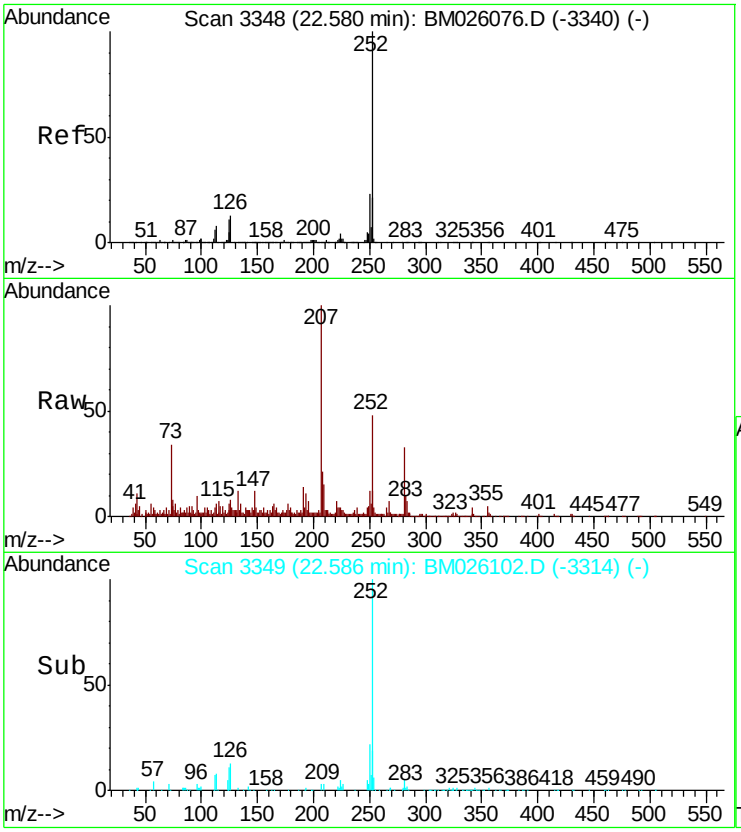


#85
Chrysene
Concen: 3.889 ng/ul
RT: 21.08 min Scan# 3093
Delta R.T. -0.04 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Tgt Ion:228 Resp: 272104

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.0	34.6
229	21.1	15.5	23.3





#88
Benzo(b)fluoranthene
Concen: 1.699 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. 0.01 min
Lab File: BM026102.D
Acq: 23 May 2020 05:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 123885

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.1	25.7#
125	13.3	8.9	13.3#