Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052620\
Data File : BM026130.D
Acq On : 27 May 2020 01:33
Operator : MA/SJ
Sample : L2756-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 27 03:25:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	173439	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	705733	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.13	164	435160	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	914226	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	947924	20.00	ng/ul	-0.01
86) Perylene-d12	23.19	264	977273	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	26798	4.66	ng/uL	0.00
5) Phenol-d5	6.69	99	113328	7.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	313870	28.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	300001	24.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	204782	17.27	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	226081	39.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	205864	36.17	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.91	165	357228	31.26	ng/ul	0.02
29) 4-Chloroaniline-d4	10.45	131	20053	1.73	ng/ul	0.06
44) Dimethylphthalate-d6	13.56	166	1230311	35.26	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1435279	34.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	51198	8.28	ng/ul	0.00
58) Fluorene-d10	15.13	176	1075488	35.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	200808	37.67	ng/ul	0.00
71) Anthracene-d10	16.98	188	1671727	37.11	ng/ul	0.00
79) Pyrene-d10	19.28	212	1850350	38.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1619663	31.14	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.65	77	210860	20.595	ng/ul#	1
6) Phenol	6.71	94	27521	1.560	ng/ul#	58
11) 2-Methylphenol	7.95	108	229705	18.902	ng/ul	89
14) Acetophenone	8.30	105	307416	15.454	ng/ul	94
16) 4-Methylphenol	8.27	108	227377	17.205	ng/ul	95
17) Hexachloroethane	8.52	117	84107	14.605	ng/ul#	10
20) Nitrobenzene	8.67	77	20186	1.142	ng/ul#	11
21) Isophorone	9.23	82	6998410	238.120	ng/ul	98
24) 2,4-Dimethylphenol	9.47	107	61883	3.916	ng/ul	99
30) 4-Chloroaniline	10.39	127	17600057	1453.712	ng/ul#	18
34) 2-Methylnaphthalene	11.95	142	12927520	445.425	ng/ul	100
35) 1-Methylnaphthalene	12.16	142	8590568	319.039	ng/ul	99
41) 1,1'-Biphenyl	12.96	154	2508247	64.958	ng/ul	99
45) Dimethylphthalate	13.60	163	369423	10.083	ng/ul	99
48) Acenaphthylene	13.86	152	6833992	150.564	ng/ul	98
50) Acenaphthene	14.20	153	592085	18.497	ng/ul	97
54) Dibenzofuran	14.53	168	140985	3.134	ng/ul	100
59) Fluorene	15.19	166	2096258	57.605	ng/ul	100
61) 4-Nitroaniline	15.19	138	23554	3.151	ng/ul#	16
69) Pentachlorophenol	16.54	266	7928	1.203	ng/ul	96
70) Phenanthrene	16.93	178	5094146	88.459	ng/ul	99
72) Anthracene	17.02	178	781596	13.528	ng/ul	98
75) Carbazole	17.29	167	149160	3.121	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052620\
Data File : BM026130.D
Acq On : 27 May 2020 01:33
Operator : MA/SJ
Sample : L2756-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 27 03:25:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
77) Fluoranthene	18.94	202	590009	9.767 ng/ul	99
80) Pyrene	19.31	202	792839	11.914 ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052620\
Data File : BM026130.D
Acq On : 27 May 2020 01:33
Operator : MA/SJ
Sample : L2756-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

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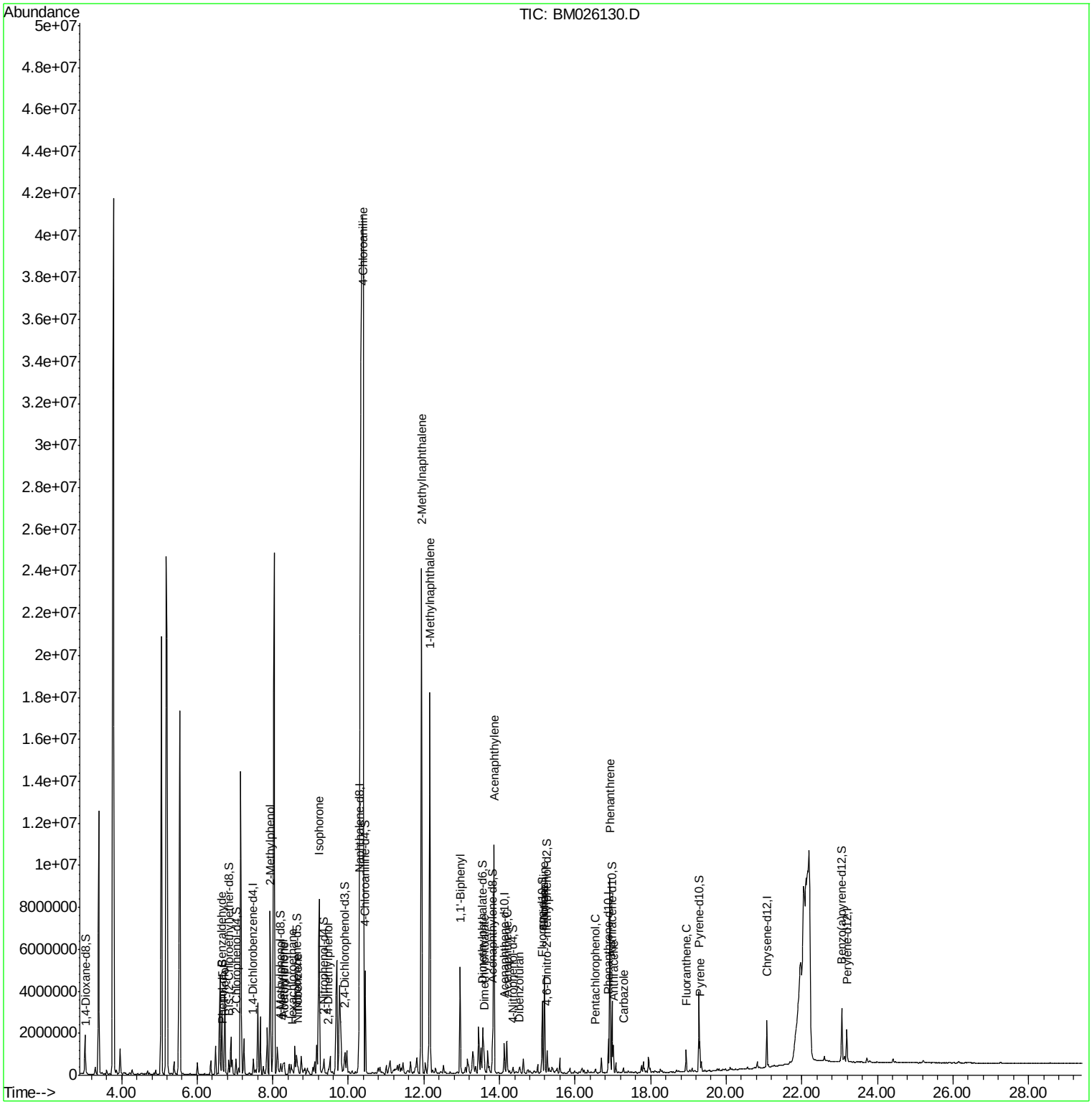
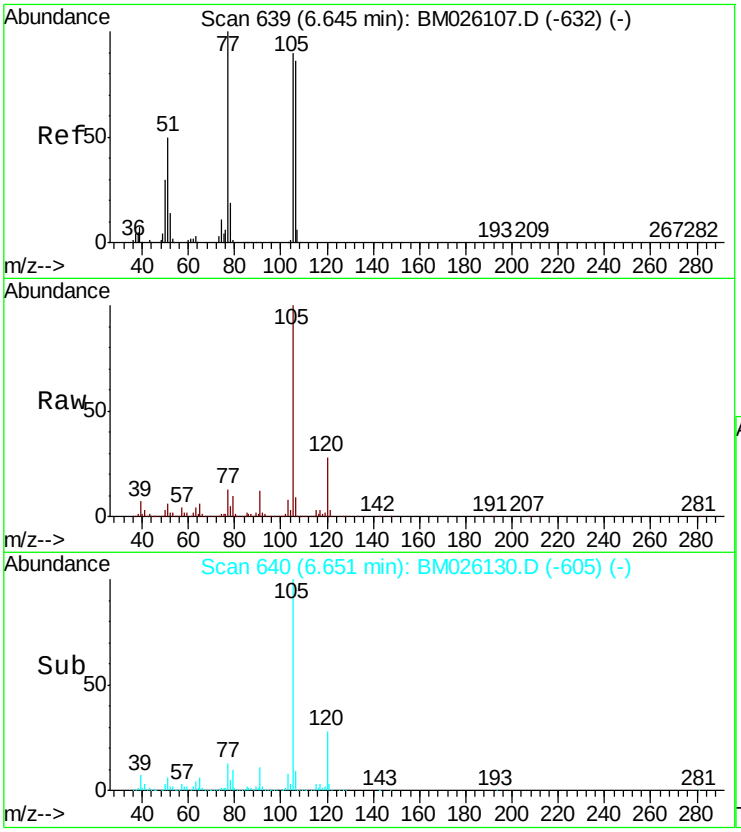
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration



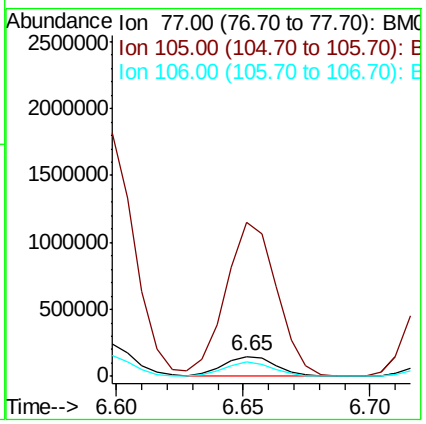


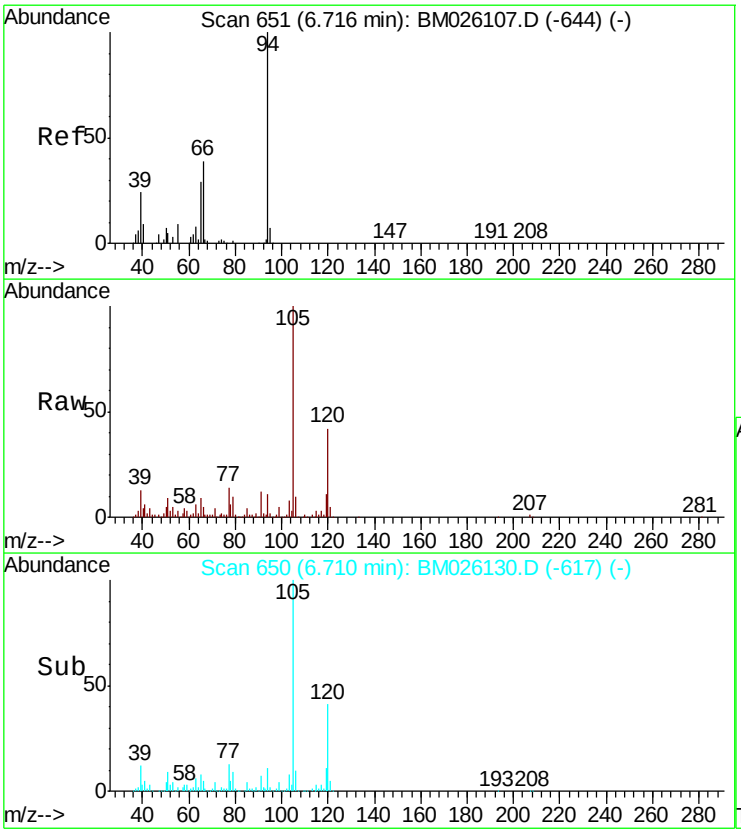
#4
Benzaldehyde
Concen: 20.595 ng/ul
RT: 6.65 min Scan# 640
Delta R.T. 0.01 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 210860

Ion	Ratio	Lower	Upper
77	100		
105	772.6	68.6	102.8#
106	69.6	63.4	95.0

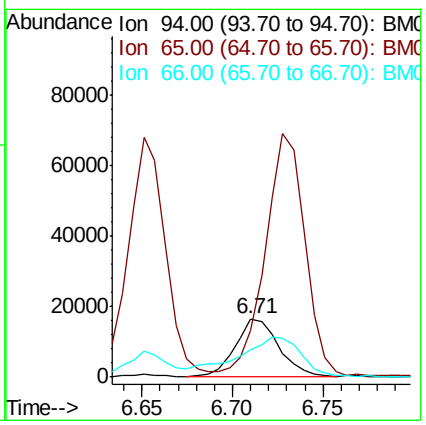


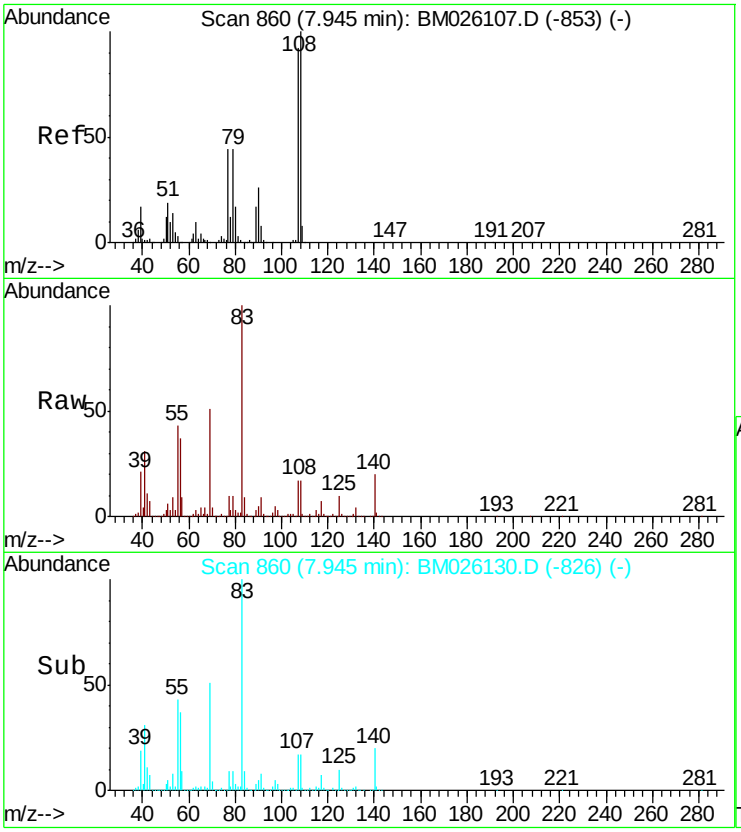


#6
Phenol
Concen: 1.560 ng/ul
RT: 6.71 min Scan# 650
Delta R.T. -0.01 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Tgt Ion: 94 Resp: 27521

Ion	Ratio	Lower	Upper
94	100		
65	78.6	25.8	38.8#
66	47.7	33.3	49.9



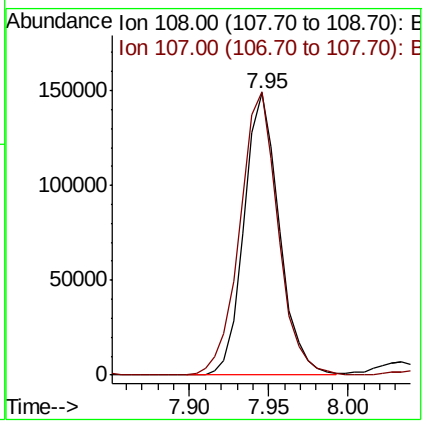


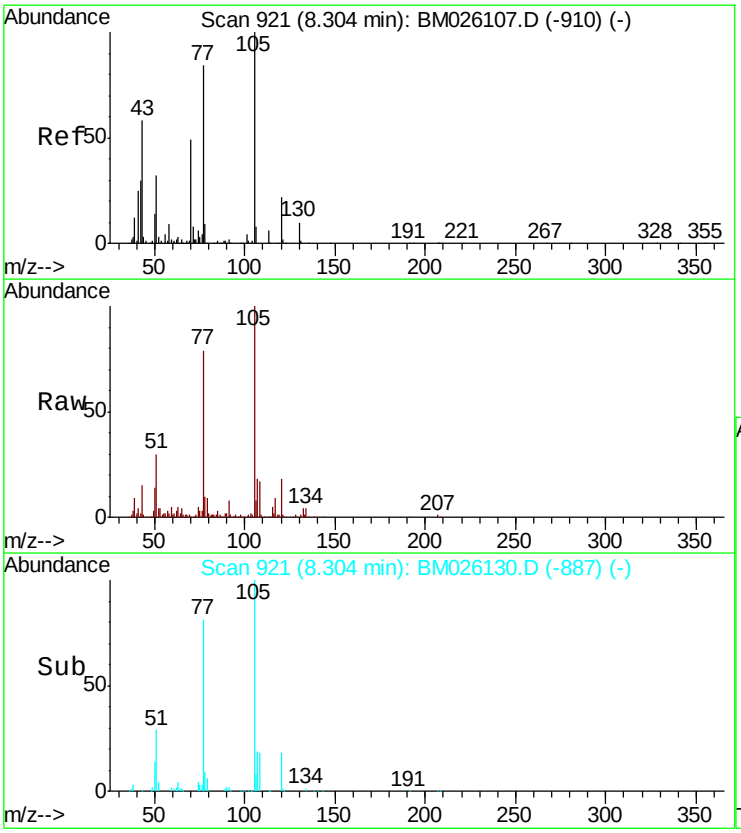
#11
2-Methylphenol
Concen: 18.902 ng/ul
RT: 7.95 min Scan# 860
Delta R.T. -0.00 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 229705

Ion	Ratio	Lower	Upper
108	100		
107	100.4	72.3	108.5

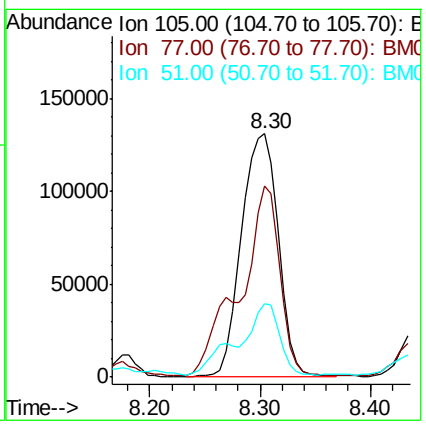


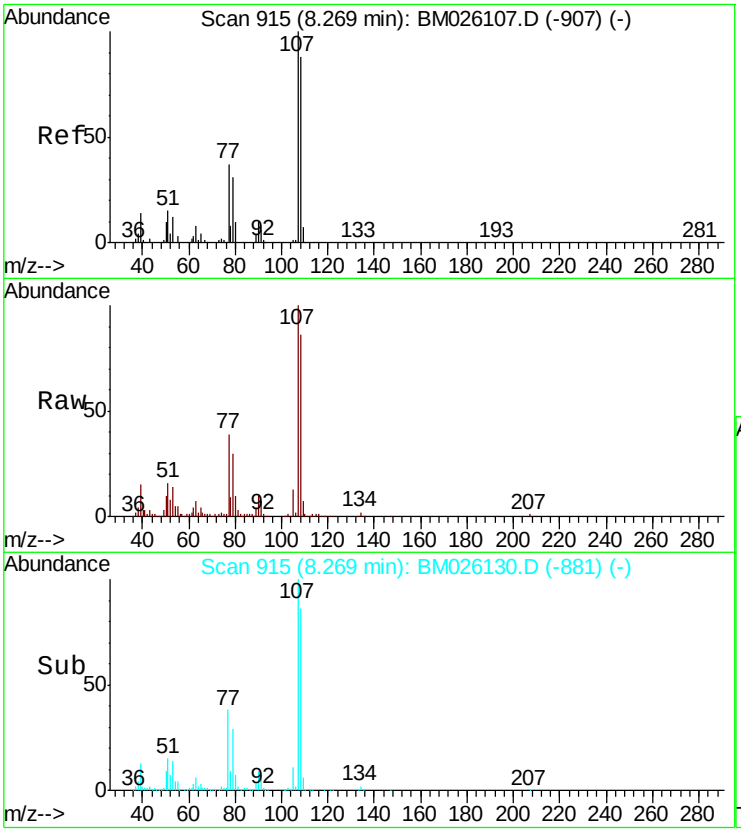


#14
Acetophenone
Concen: 15.454 ng/ul
RT: 8.30 min Scan# 921
Delta R.T. -0.00 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Tgt Ion:105 Resp: 307416

Ion	Ratio	Lower	Upper
105	100		
77	78.7	67.2	100.8
51	30.4	27.4	41.0



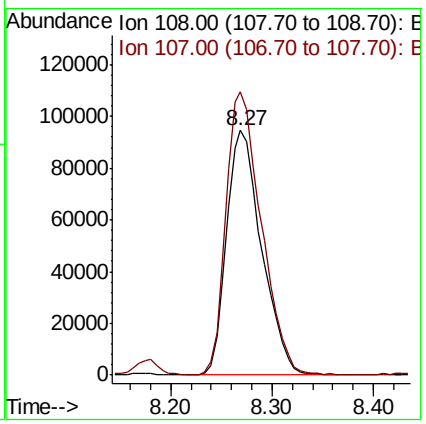


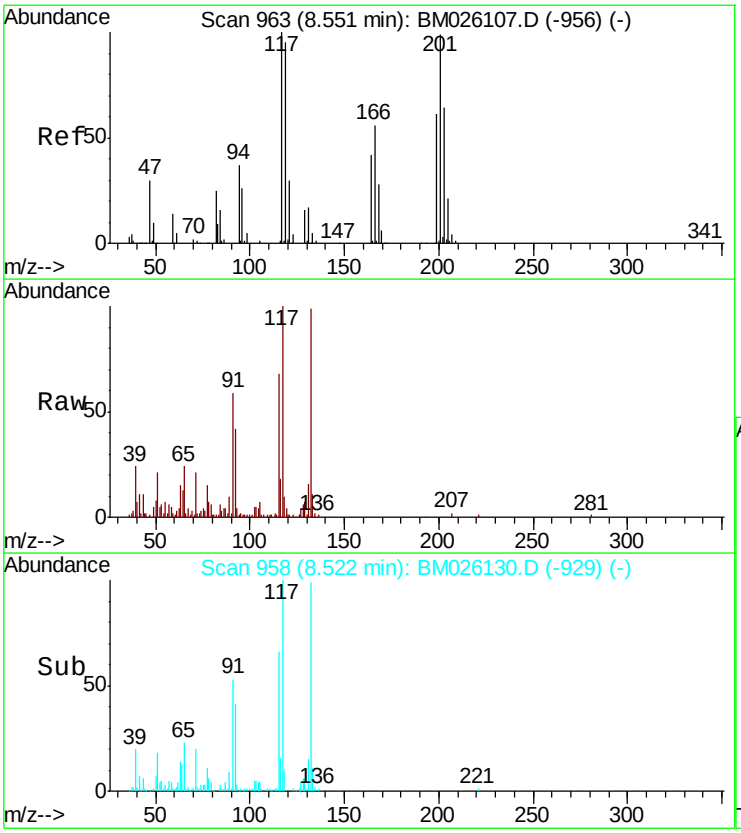
#16
4-Methylphenol
Concen: 17.205 ng/ul
RT: 8.27 min Scan# 915
Delta R.T. -0.00 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 227377

Ion	Ratio	Lower	Upper
108	100		
107	115.7	88.6	132.8

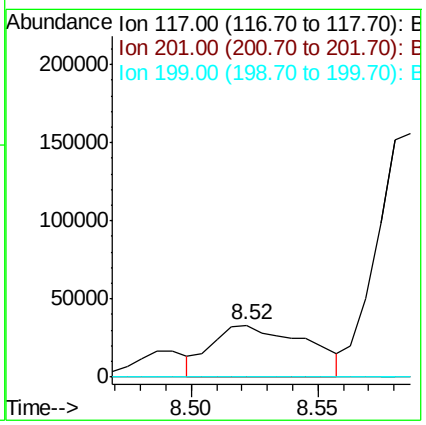


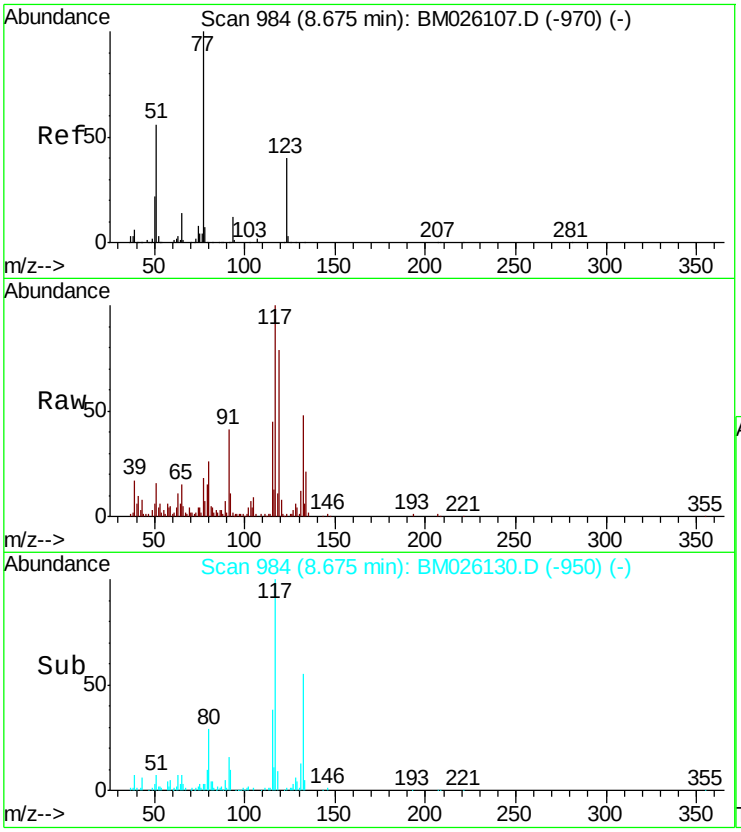


#17
Hexachloroethane
Concen: 14.605 ng/ul
RT: 8.52 min Scan# 958
Delta R.T. -0.03 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Tgt Ion:117 Resp: 84107

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



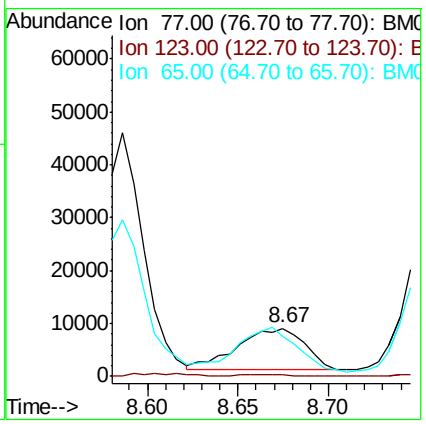


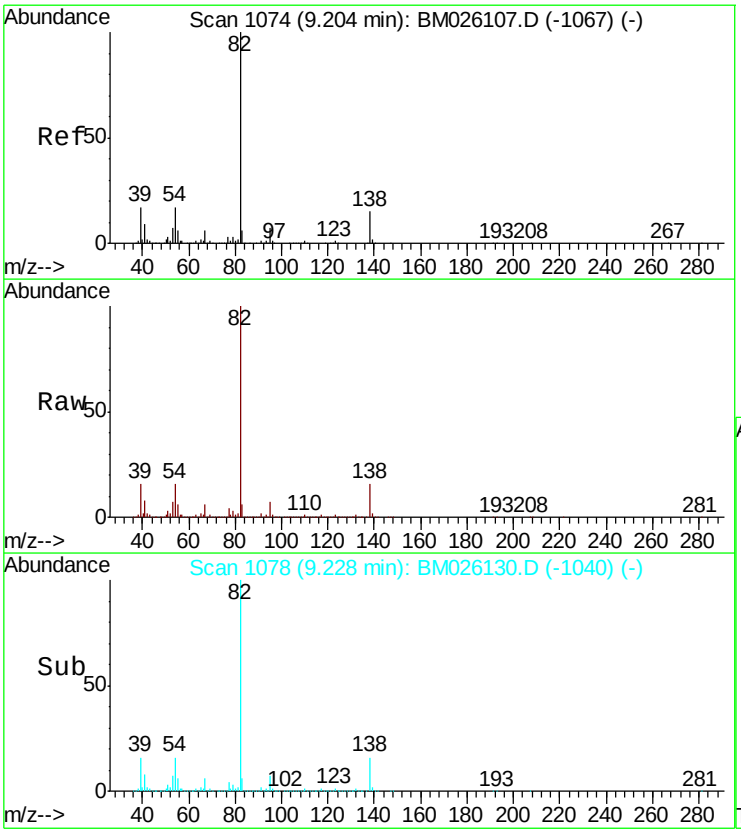
#20
Nitrobenzene
Concen: 1.142 ng/ul
RT: 8.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 20186

Ion	Ratio	Lower	Upper
77	100		
123	3.2	29.5	44.3#
65	84.2	11.0	16.4#

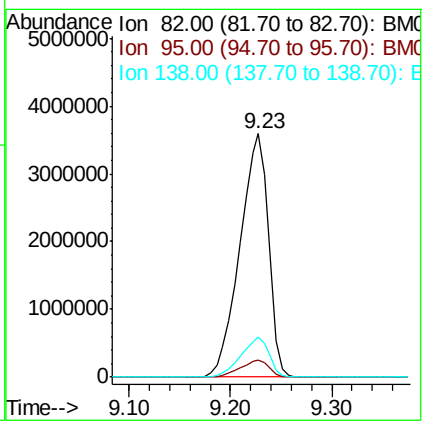


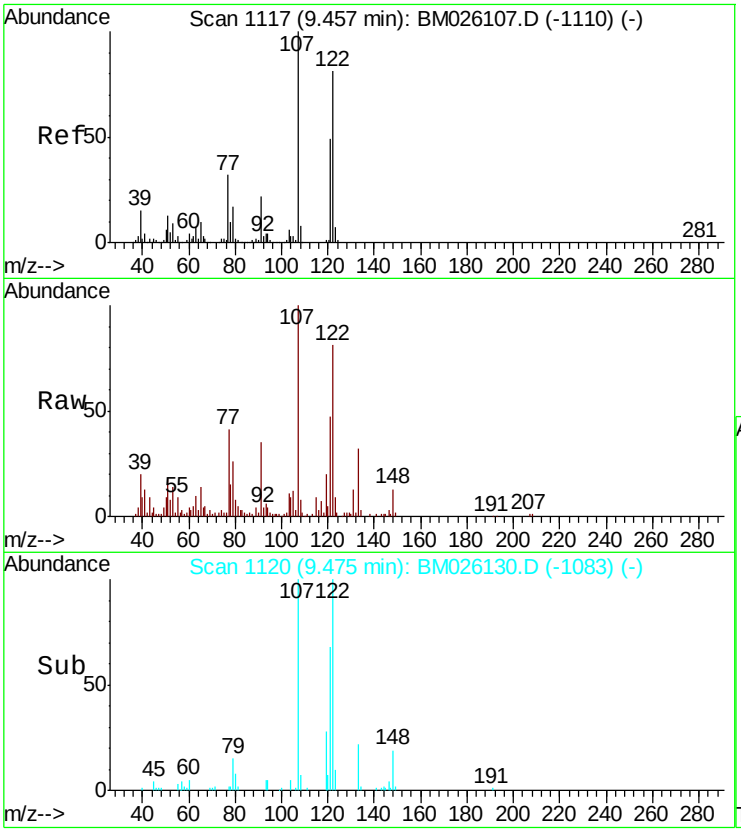


#21
Isophorone
Concen: 238.120 ng/ul
RT: 9.23 min Scan# 1078
Delta R.T. 0.02 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Tgt Ion: 82 Resp: 6998410

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	16.3	11.9	17.9



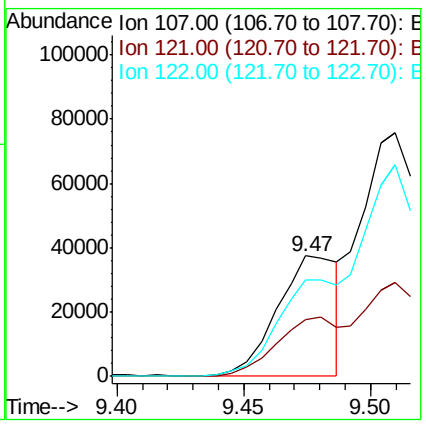


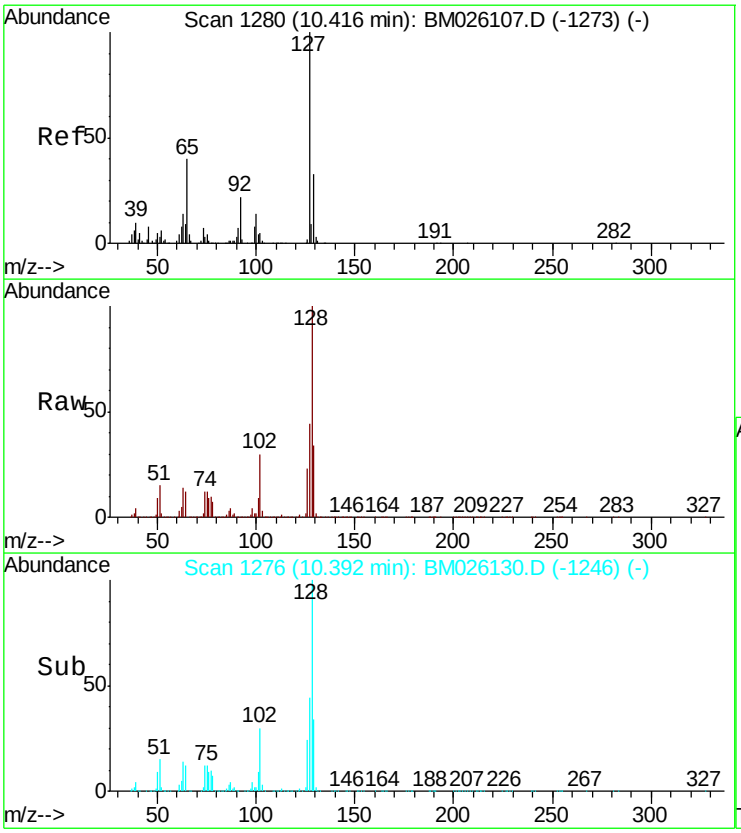
#24
2,4-Dimethylphenol
Concen: 3.916 ng/ul
RT: 9.47 min Scan# 1120
Delta R.T. 0.02 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 61883

Ion	Ratio	Lower	Upper
107	100		
121	47.2	37.5	56.3
122	80.6	63.8	95.6

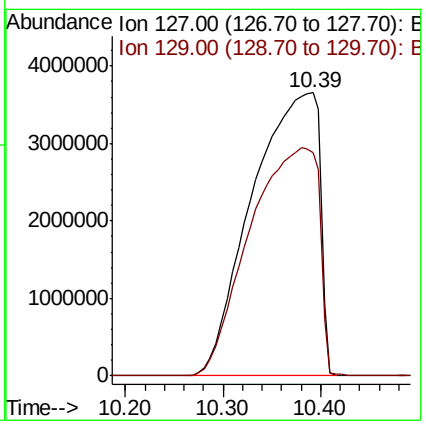


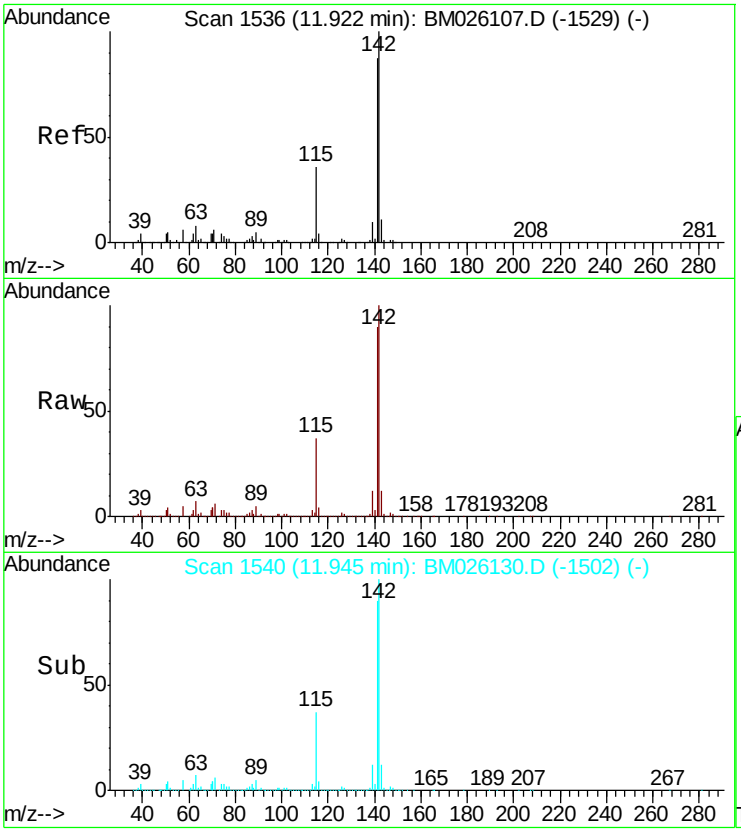


#30
4-Chloroaniline
Concen: 1453.712 ng/ul
RT: 10.39 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Tgt Ion:127 Resp:17600057

Ion	Ratio	Lower	Upper
127	100		
129	78.7	26.2	39.2#



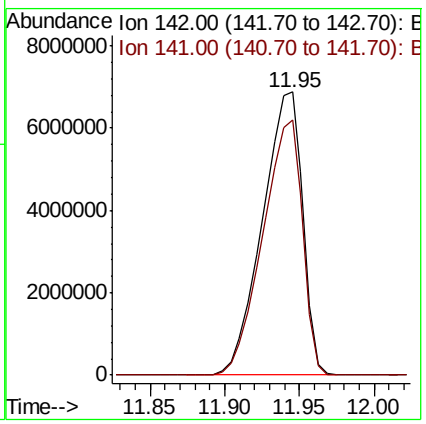


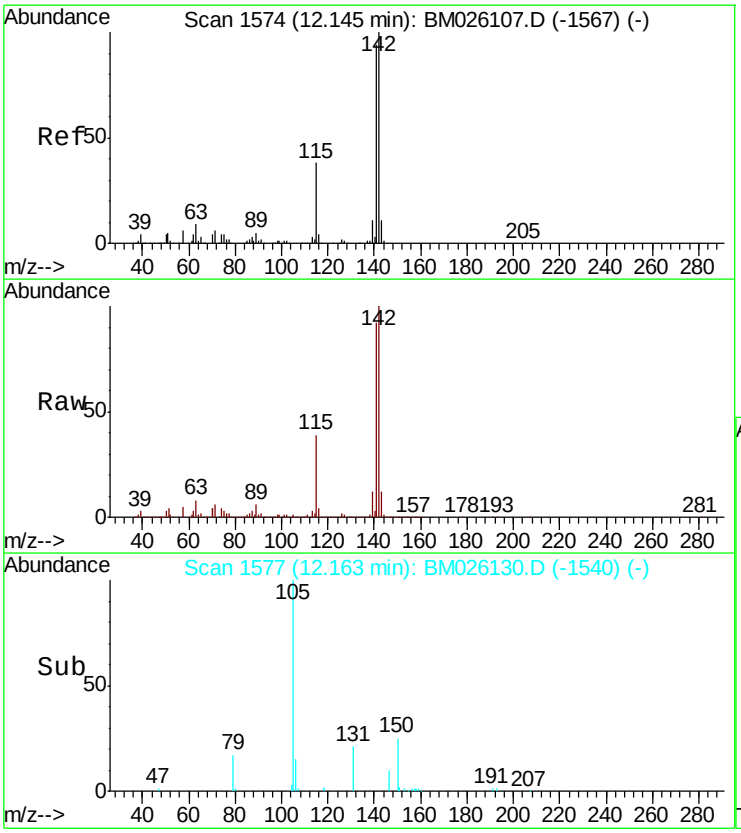
#34
2-Methylnaphthalene
Concen: 445.425 ng/ul
RT: 11.95 min Scan# 1540
Delta R.T. 0.02 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp:12927520

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.8	107.6

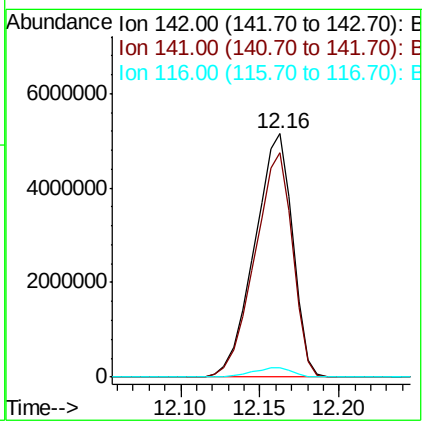


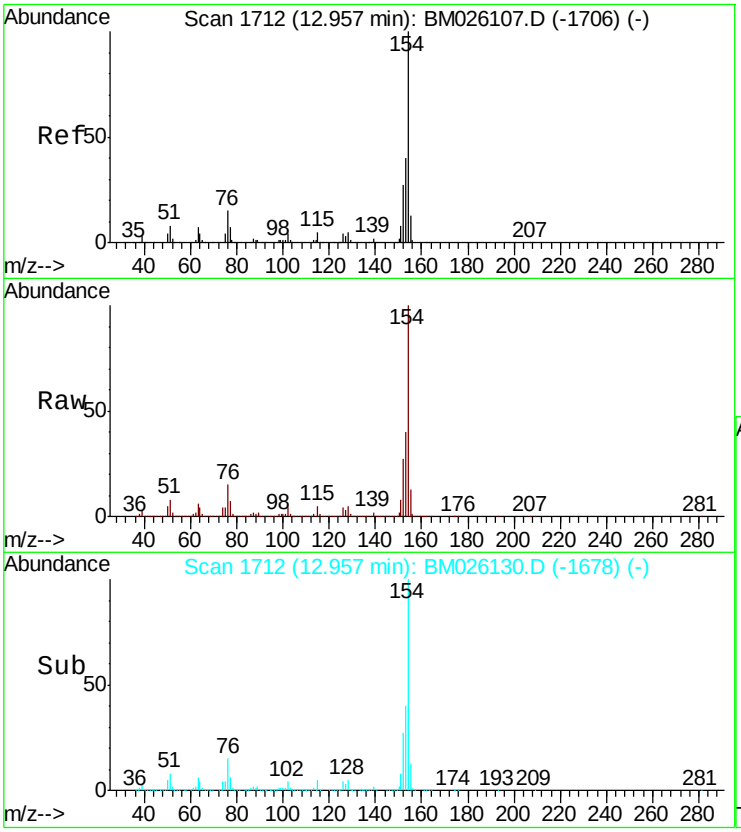


#35
1-Methylnaphthalene
Concen: 319.039 ng/ul
RT: 12.16 min Scan# 1577
Delta R.T. 0.02 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Tgt Ion:142 Resp: 8590568

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.0	109.4
116	4.0	3.3	4.9



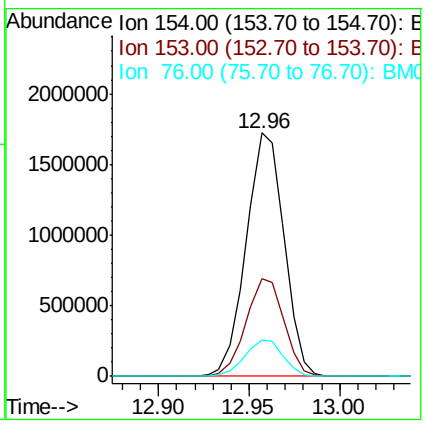


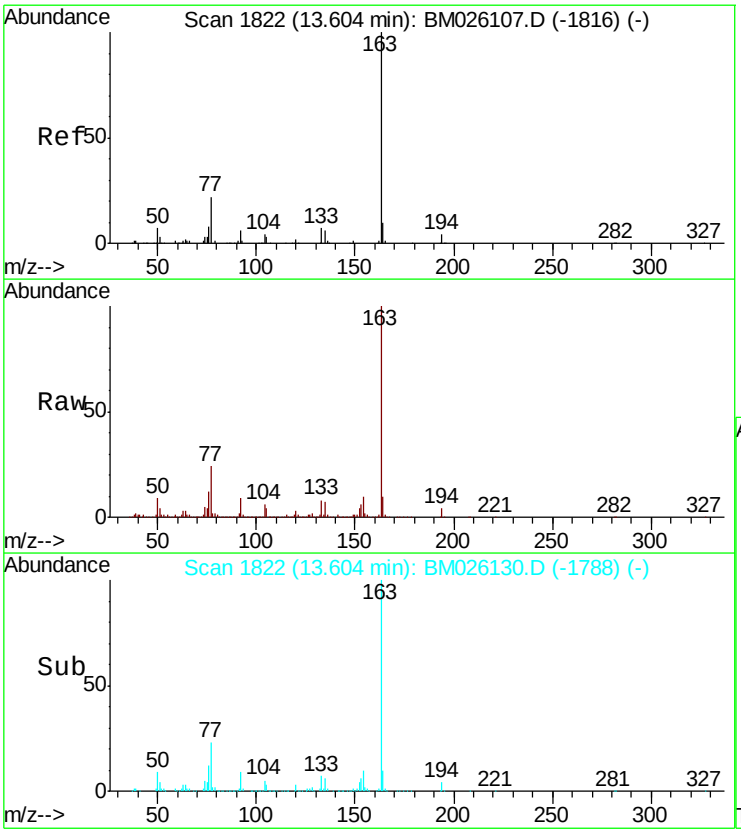
#41
1,1'-Biphenyl
Concen: 64.958 ng/ul
RT: 12.96 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 2508247

Ion	Ratio	Lower	Upper
154	100		
153	40.0	32.3	48.5
76	14.9	13.0	19.6

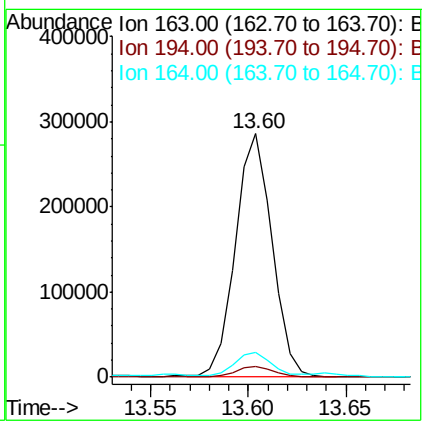


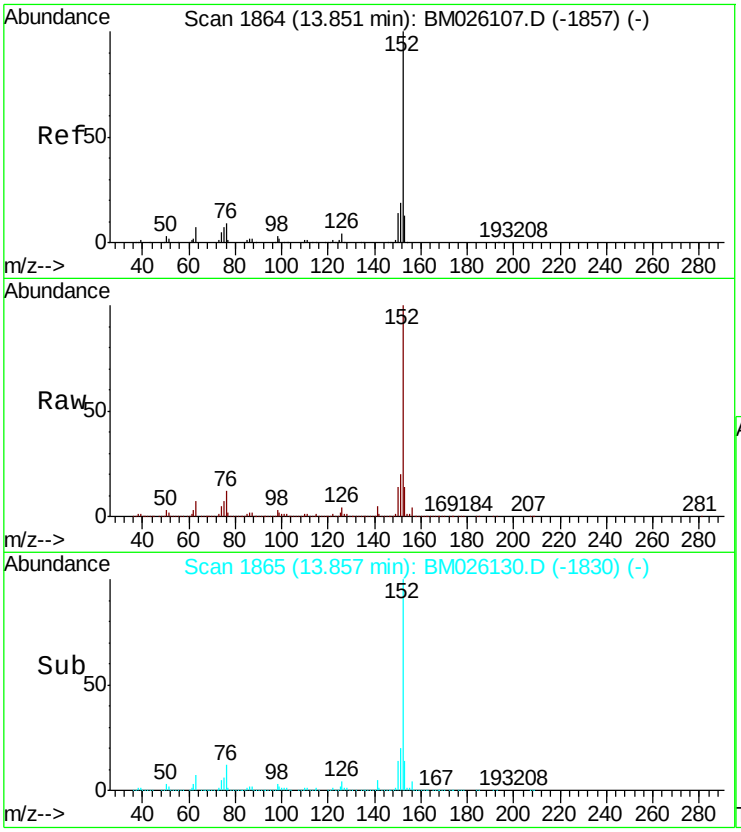


#45
Dimethylphthalate
Concen: 10.083 ng/ul
RT: 13.60 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Tgt Ion:163 Resp: 369423

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	10.4	8.0	12.0



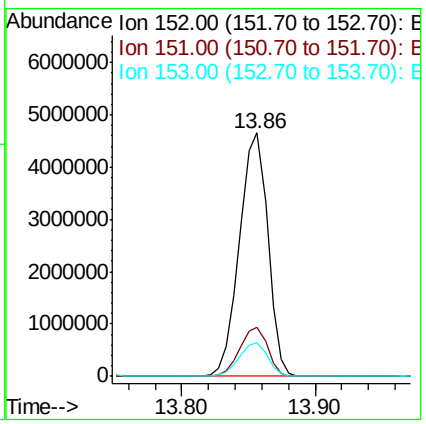


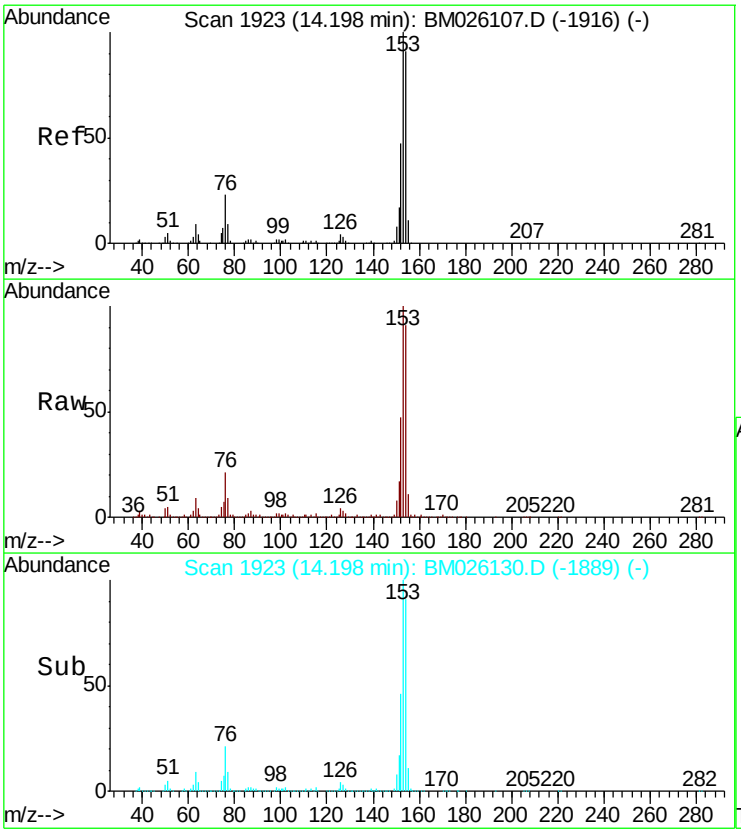
#48
Acenaphthylene
Concen: 150.564 ng/ul
RT: 13.86 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 6833992

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.7	10.2	15.2

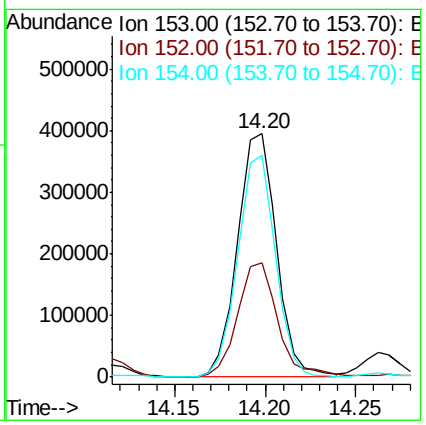


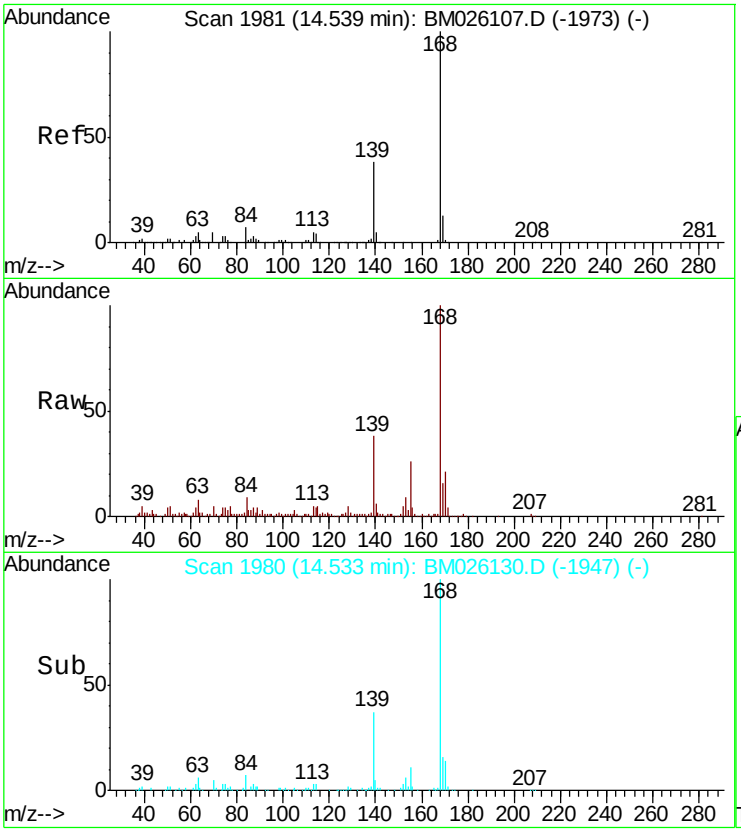


#50
Acenaphthene
Concen: 18.497 ng/ul
RT: 14.20 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Tgt Ion:153 Resp: 592085

Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.2	55.8
154	91.2	69.8	104.8



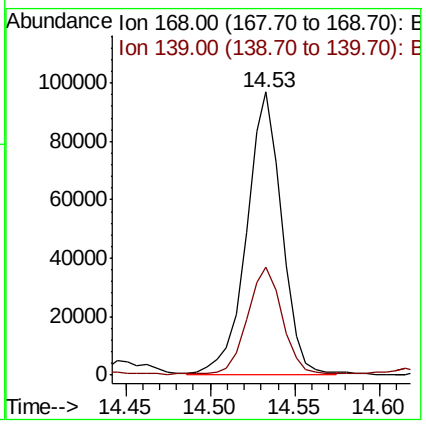


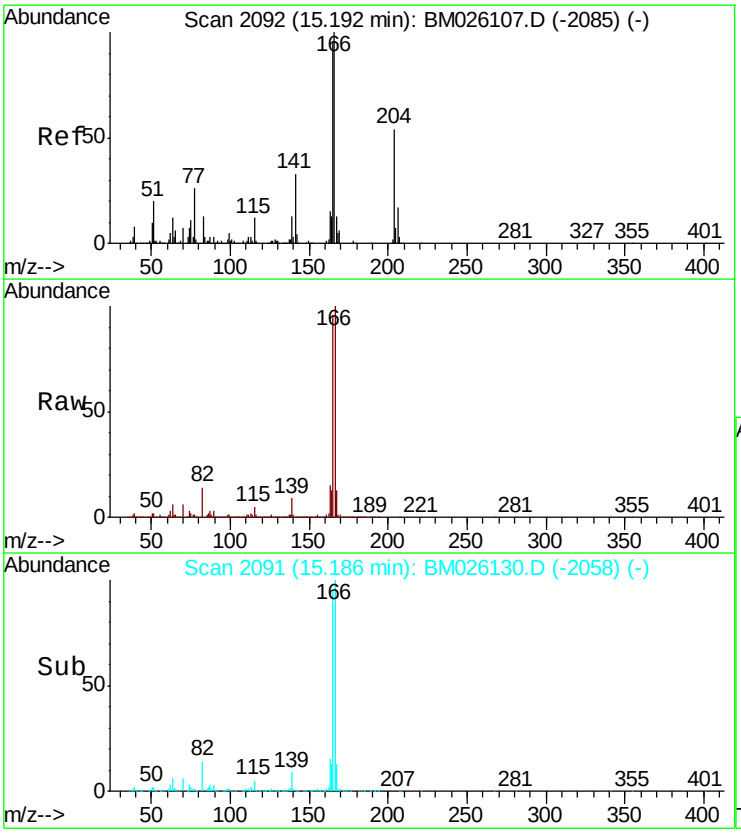
#54
Dibenzofuran
Concen: 3.134 ng/ul
RT: 14.53 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 140985

Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.7	46.1

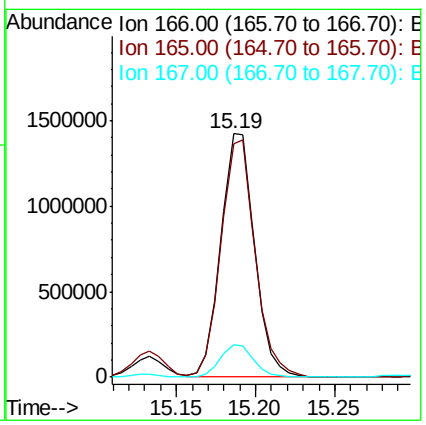


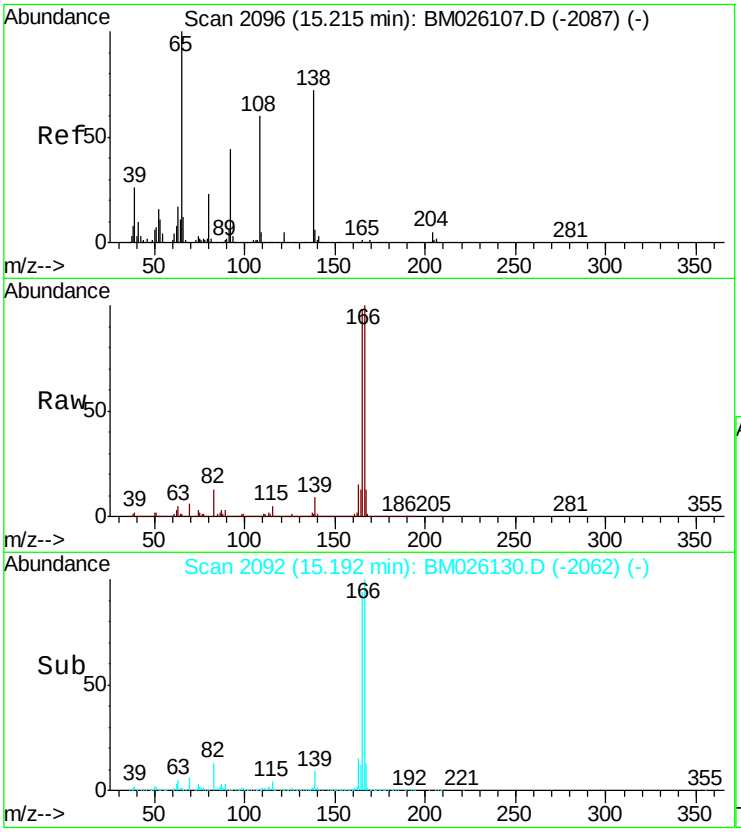


#59
Fluorene
Concen: 57.605 ng/ul
RT: 15.19 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Tgt Ion:166 Resp: 2096258

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.3	115.9
167	13.3	10.6	16.0



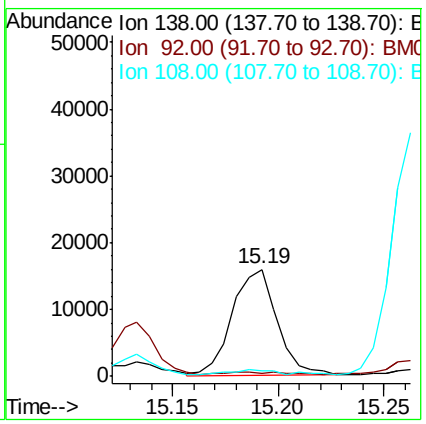


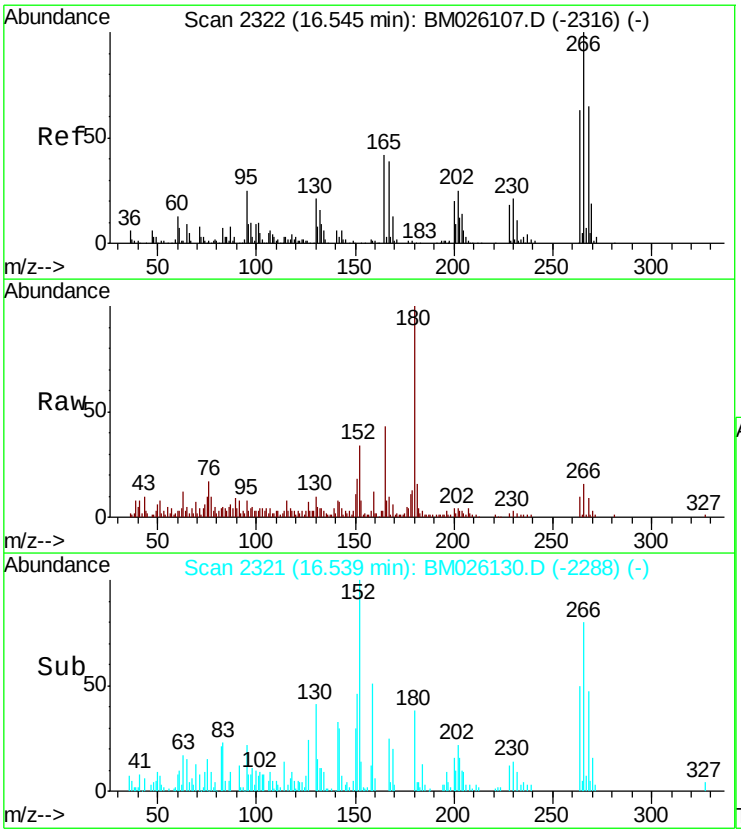
#61
4-Nitroaniline
Concen: 3.151 ng/ul
RT: 15.19 min Scan# 2092
Delta R.T. -0.02 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 23554

Ion	Ratio	Lower	Upper
138	100		
92	2.4	49.4	74.2#
108	4.8	68.3	102.5#

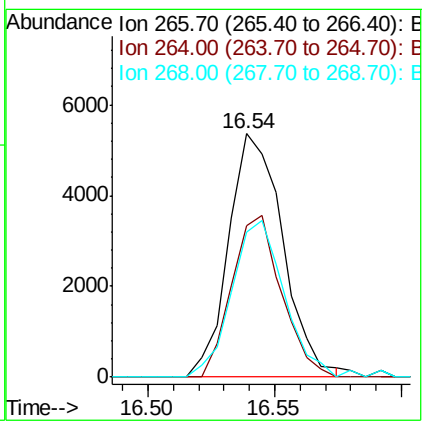


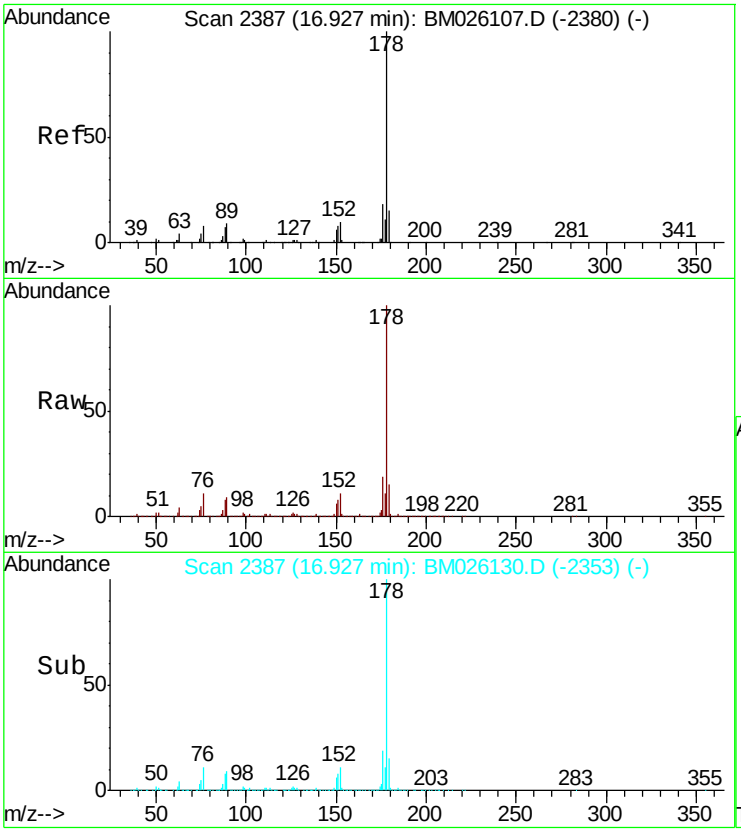


#69
Pentachlorophenol
Concen: 1.203 ng/ul
RT: 16.54 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Tgt Ion:266 Resp: 7928

Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.3	73.9
268	59.4	52.4	78.6



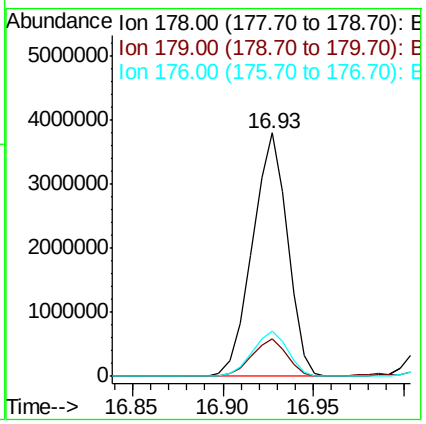


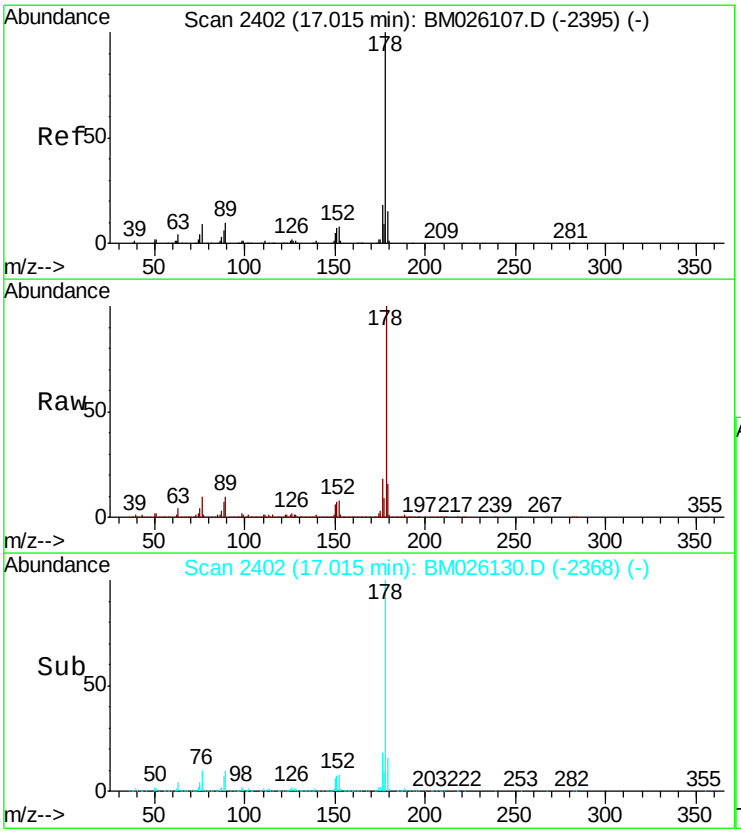
#70
Phenanthrene
Concen: 88.459 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. -0.00 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 5094146

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.9	17.9
176	18.8	14.9	22.3

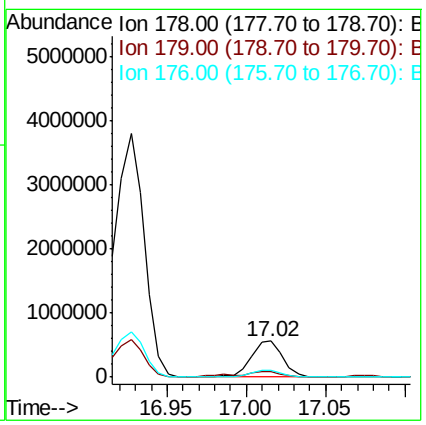


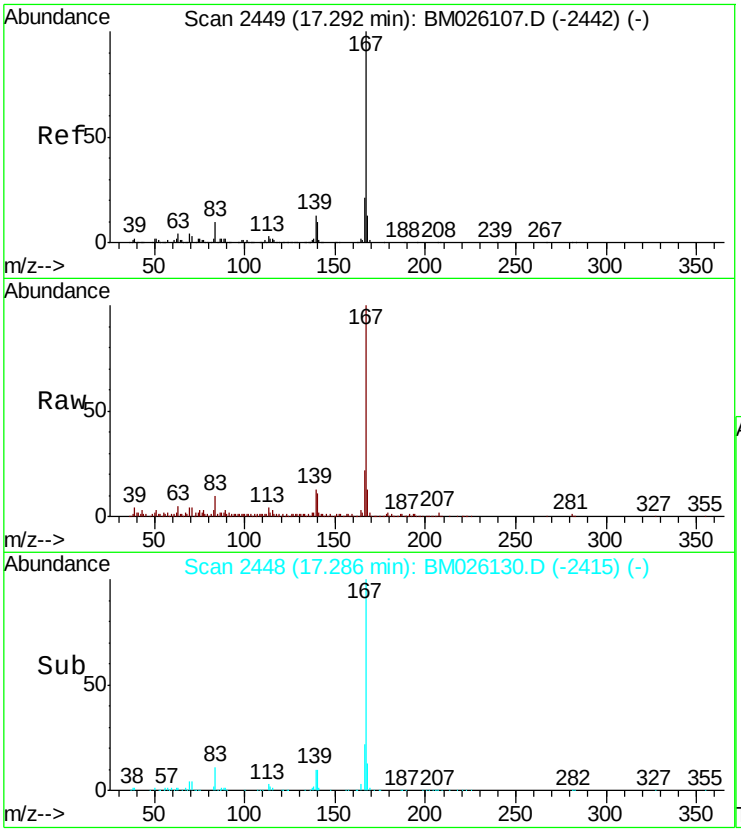


#72
Anthracene
Concen: 13.528 ng/ul
RT: 17.02 min Scan# 2402
Delta R.T. -0.00 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Tgt Ion:178 Resp: 781596

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	17.8	14.9	22.3



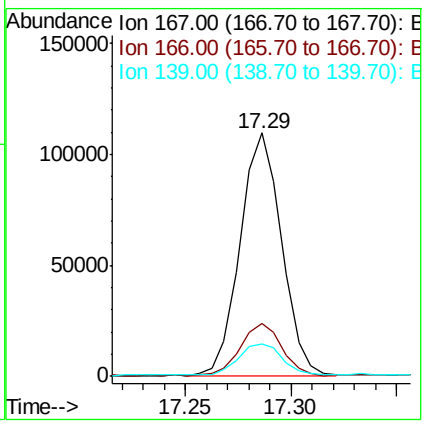


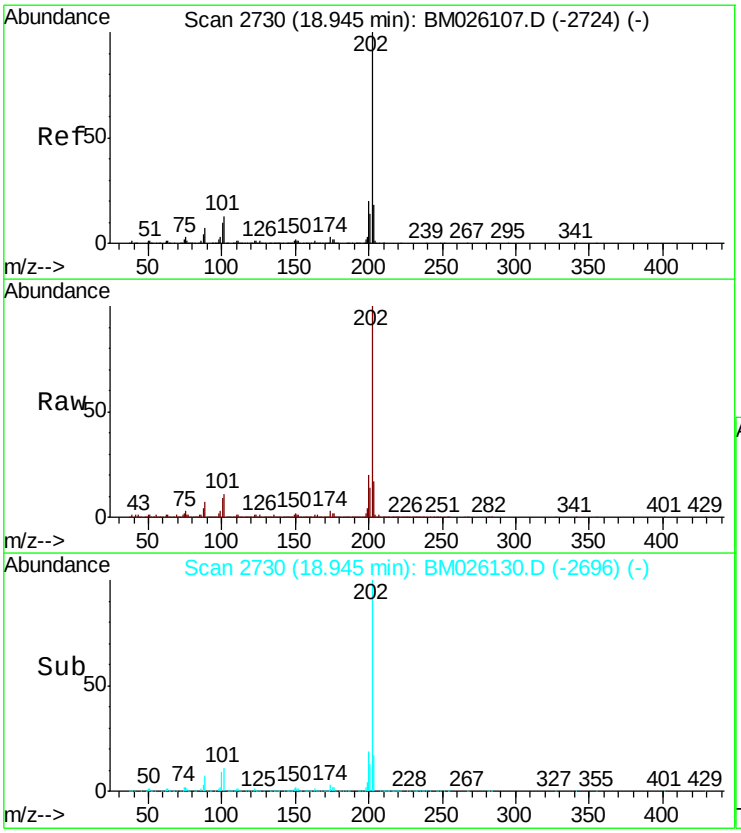
#75
Carbazole
Concen: 3.121 ng/ul
RT: 17.29 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 149160

Ion	Ratio	Lower	Upper
167	100		
166	21.9	16.6	25.0
139	13.2	10.8	16.2

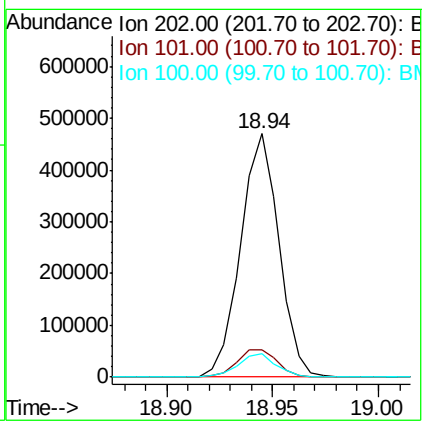


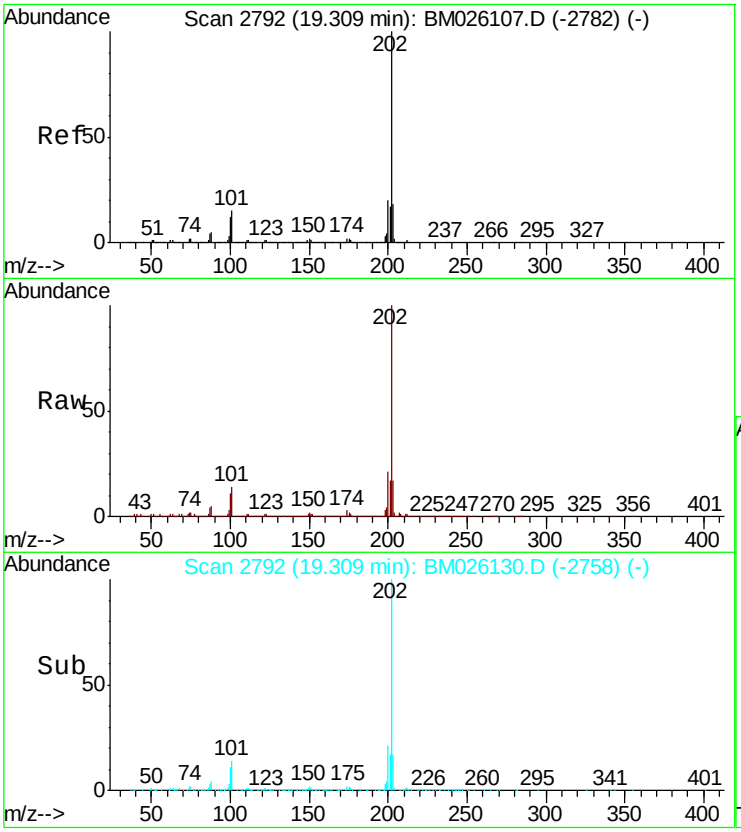


#77
Fluoranthene
Concen: 9.767 ng/ul
RT: 18.94 min Scan# 2730
Delta R.T. -0.00 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Tgt Ion:202 Resp: 590009

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.5	14.3
100	9.4	7.6	11.4





#80
Pyrene
Concen: 11.914 ng/ul
RT: 19.31 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BM026130.D
Acq: 27 May 2020 01:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 792839

Ion	Ratio	Lower	Upper
202	100		
101	14.2	12.2	18.4
100	11.3	10.2	15.4