Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K3395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

Quant Time: Aug 27 12:47:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 12:44:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	42290	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	8796	20.00	ng/ul	-0.05
35) Acenaphthene-d10	14.20	164	137647	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	313221	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	241870	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	229447	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	5455	5.77	ng/uL	0.00
5) Phenol-d5	6.79	99	44412	12.17	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	6.93	67	76075	35.83	ng/ul	0.02
9) 2-Chlorophenol-d4	7.09	132	89401	30.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	66414	21.00	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	55996	853.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	64868	849.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	127659	821.54	ng/ul	0.02
29) 4-Chloroaniline-d4	10.45	131	29076	153.84	ng/ul	-0.04
43) Dimethylphthalate-d6	13.65	166	438781	36.20	ng/ul	0.01
46) Acenaphthylene-d8	13.90	160	461589	35.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	683	0.38	ng/ul	0.00
57) Fluorene-d10	15.21	176	384331	38.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	37421	15.48	ng/ul	0.00
70) Anthracene-d10	17.07	188	749884	45.21	ng/ul	0.00
78) Pyrene-d10	19.38	212	702131	55.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	494568	39.24	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.68	77	3537	1.684	ng/ul#	1
6) Phenol	6.83	94	7761555	1985.961	ng/ul	96
10) 2-Chlorophenol	7.13	128	6131	2.004	ng/ul	98
11) 2-Methylphenol	8.00	108	109136	35.460	ng/ul	95
14) Acetophenone	8.40	105	15311	2.800	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.27	70	9993	3.610	ng/ul#	1
16) 4-Methylphenol	8.35	108	353811	104.558	ng/ul	97
20) Nitrobenzene	8.70	77	5640	29.202	ng/ul#	8
21) Isophorone	9.22	82	6161	17.503	ng/ul#	66
23) 2-Nitrophenol	9.59	139	317	3.781	ng/ul#	1
24) 2,4-Dimethylphenol	9.54	107	374619	1905.226	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.71	93	1707	8.982	ng/ul#	1
30) 4-Chloroaniline	10.45	127	8661584	44030.942	ng/ul#	12
32) Caprolactam	11.21	113	258	5.280	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.59	107	5485	31.556	ng/ul#	32
34) 2-Methylnaphthalene	12.00	142	2450596	6552.315	ng/ul	95
40) 1,1'-Biphenyl	13.03	154	418950	37.400	ng/ul	99
44) Dimethylphthalate	13.69	163	50651	4.106	ng/ul#	92
47) Acenaphthylene	13.92	152	36604	2.704	ng/ul#	79
49) Acenaphthene	14.29	153	4500965	468.252	ng/ul	99
53) Dibenzofuran	14.62	168	2054324	143.492	ng/ul	93
58) Fluorene	15.27	166	1877314	155.685	ng/ul	99
60) 4-Nitroaniline	15.35	138	5192	2.481	ng/ul#	59

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
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Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K3395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2

Quant Time: Aug 27 12:47:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 12:44:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
64) N-Nitrosodiphenylamine	15.40	169	45898	4.703 ng/ul	92
69) Phenanthrene	17.02	178	2835057	151.297 ng/ul	99
71) Anthracene	17.02	178	2835096	145.395 ng/ul	100
74) Carbazole	17.42	167	5849930	332.150 ng/ul	98
76) Fluoranthene	19.04	202	191494	6.782 ng/ul	98
79) Pyrene	19.40	202	116934	7.469 ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022350.D
Acq On : 27 Aug 2019 04:02
Operator : HP/JU
Sample : K3395-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Time: Aug 27 12:47:59 2019
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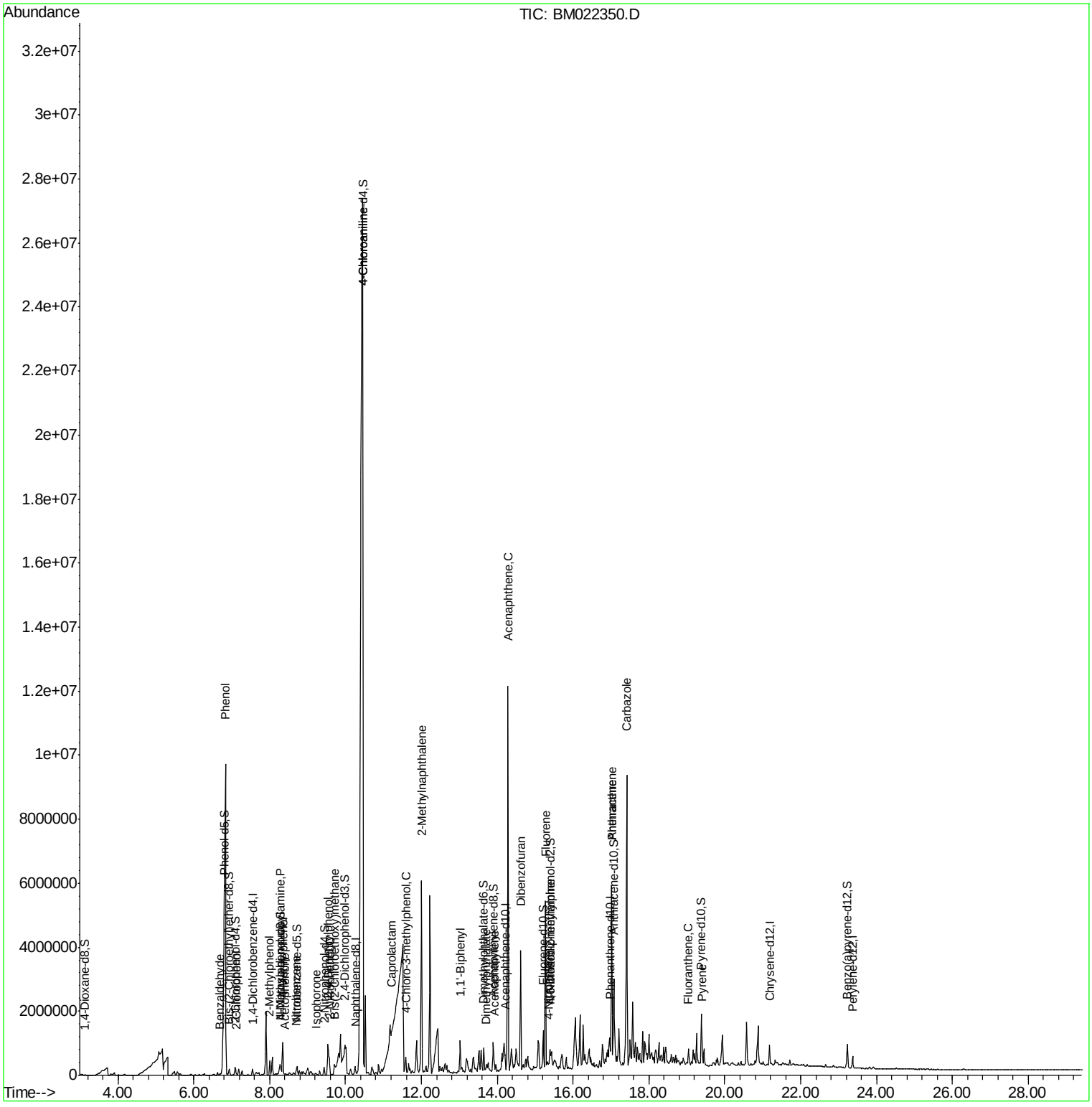
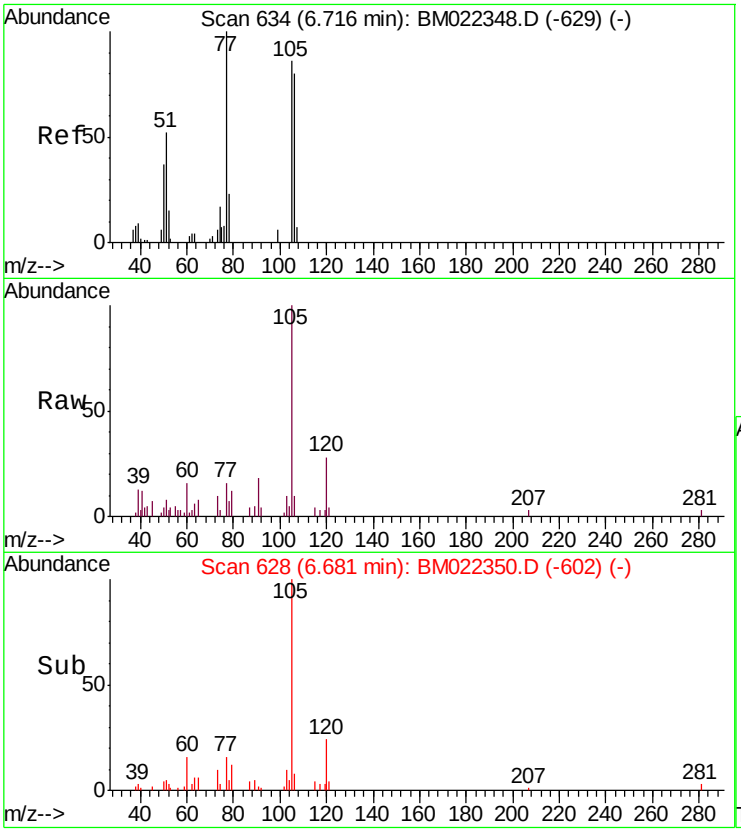
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 12:44:18 2019
Response via : Initial Calibration



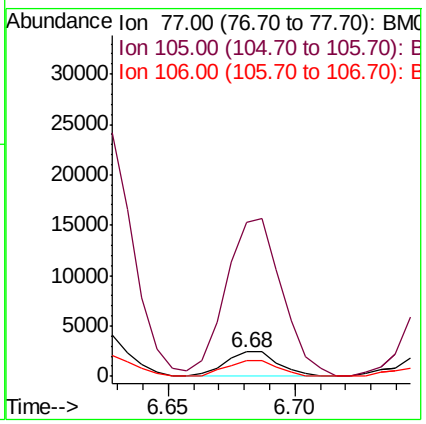


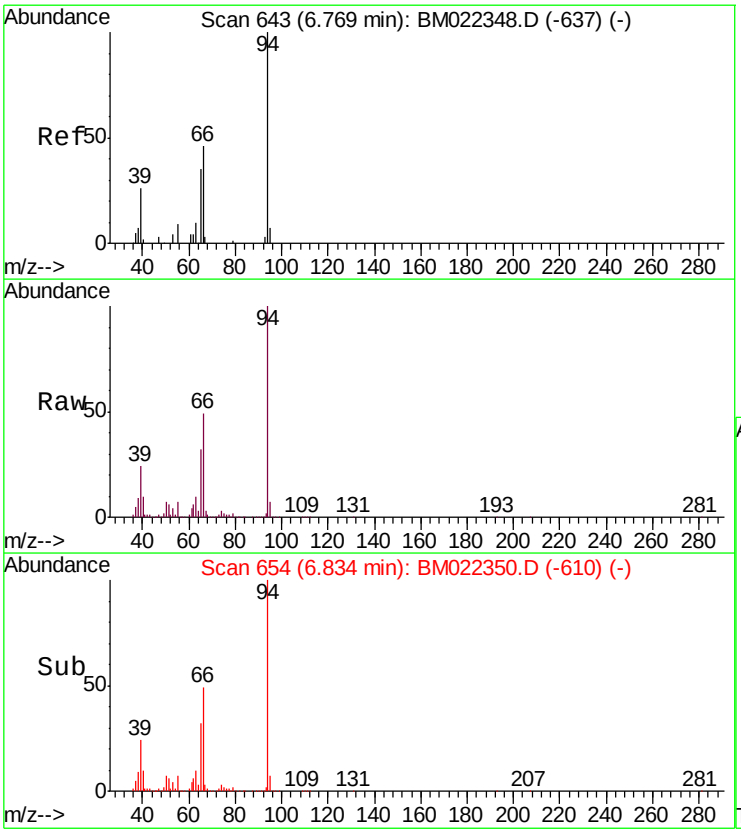
#4
Benzaldehyde
Concen: 1.684 ng/ul
RT: 6.68 min Scan# 628
Delta R.T. -0.05 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Instrument :
BNA_M
ClientSampleId :
C0AE2

Tgt Ion: 77 Resp: 3537

Ion	Ratio	Lower	Upper
77	100		
105	634.3	71.7	107.5#
106	64.1	71.7	107.5#

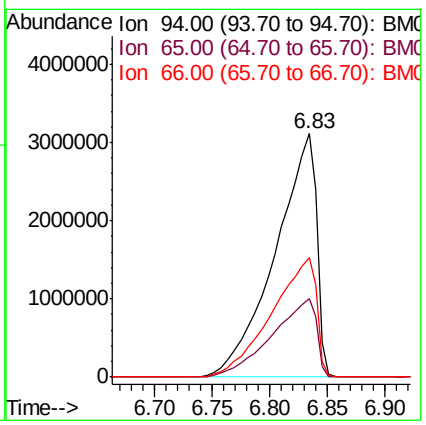


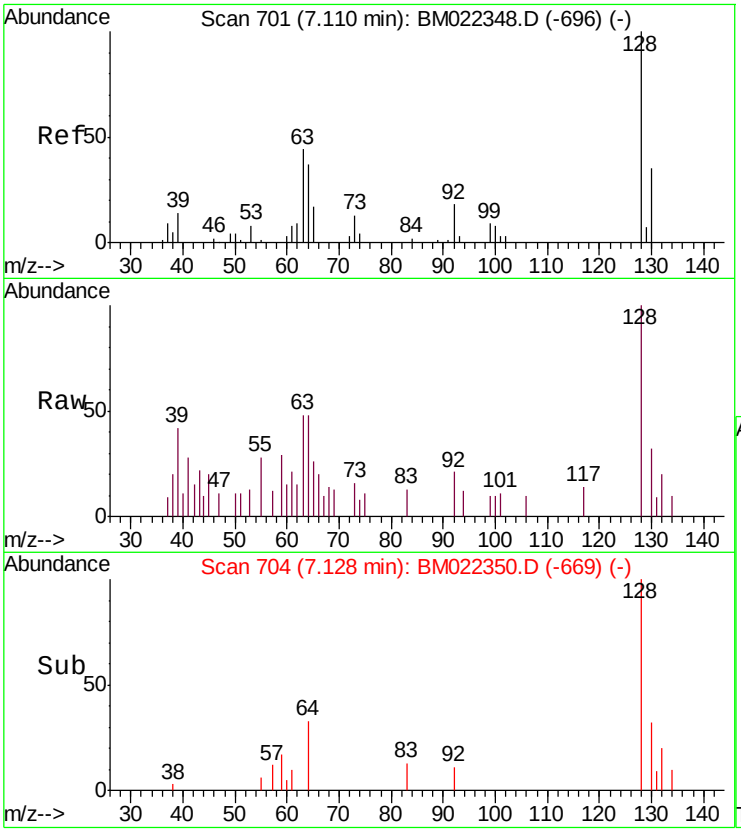


#6
Phenol
Concen: 1985.961 ng/ul
RT: 6.83 min Scan# 654
Delta R.T. 0.06 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Tgt Ion: 94 Resp: 7761555

Ion	Ratio	Lower	Upper
94	100		
65	32.4	29.2	43.8
66	49.1	40.6	60.8



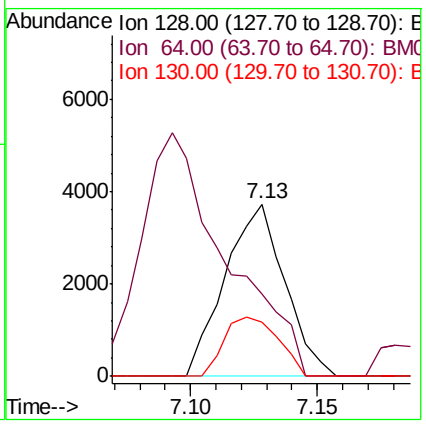


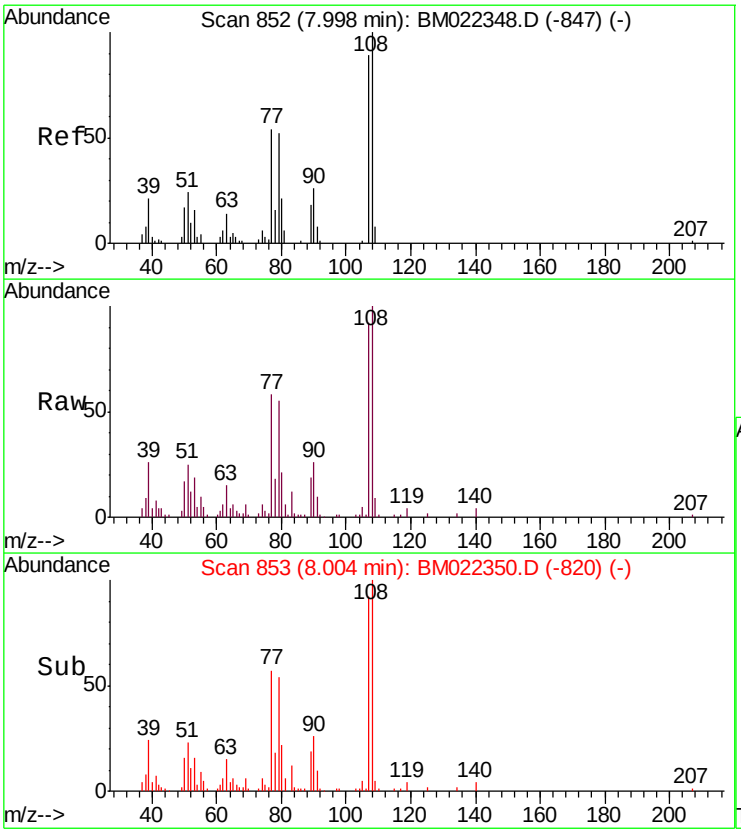
#10
2-Chlorophenol
Concen: 2.004 ng/ul
RT: 7.13 min Scan# 704
Delta R.T. 0.01 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Instrument :
BNA_M
ClientSampleId :
C0AE2

Tgt Ion:128 Resp: 6131

Ion	Ratio	Lower	Upper
128	100		
64	48.1	38.6	57.8
130	31.6	27.0	40.6

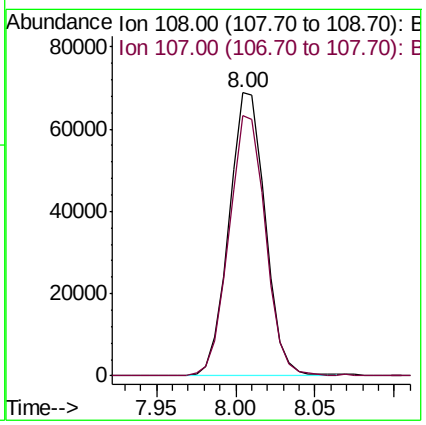


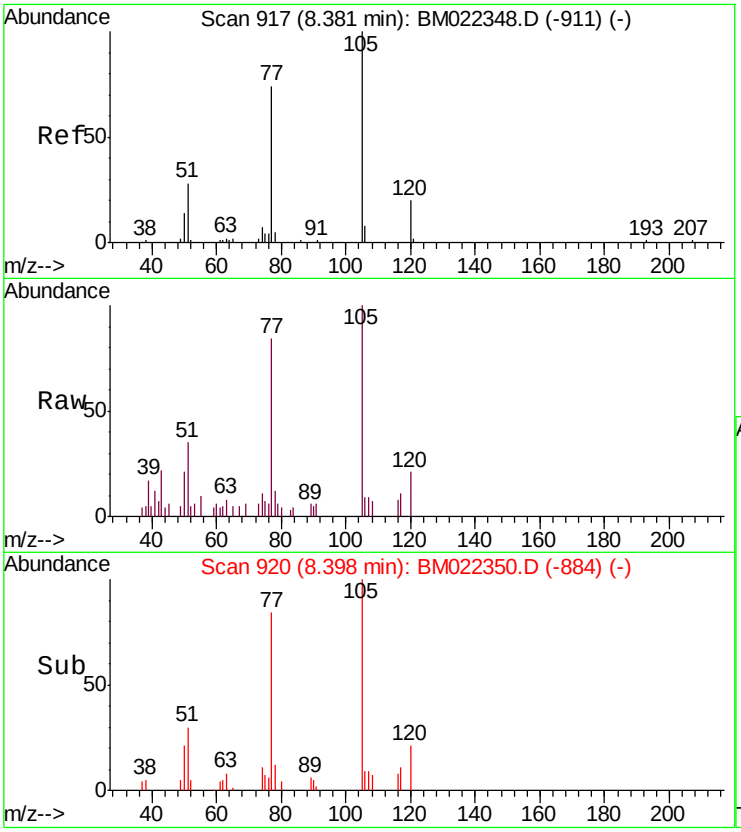


#11
2-Methylphenol
Concen: 35.460 ng/ul
RT: 8.00 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Tgt Ion:108 Resp: 109136

Ion	Ratio	Lower	Upper
108	100		
107	92.0	70.1	105.1



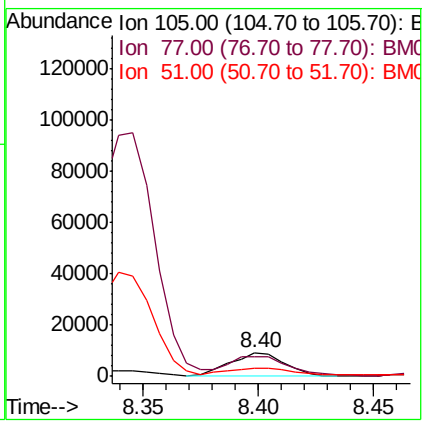


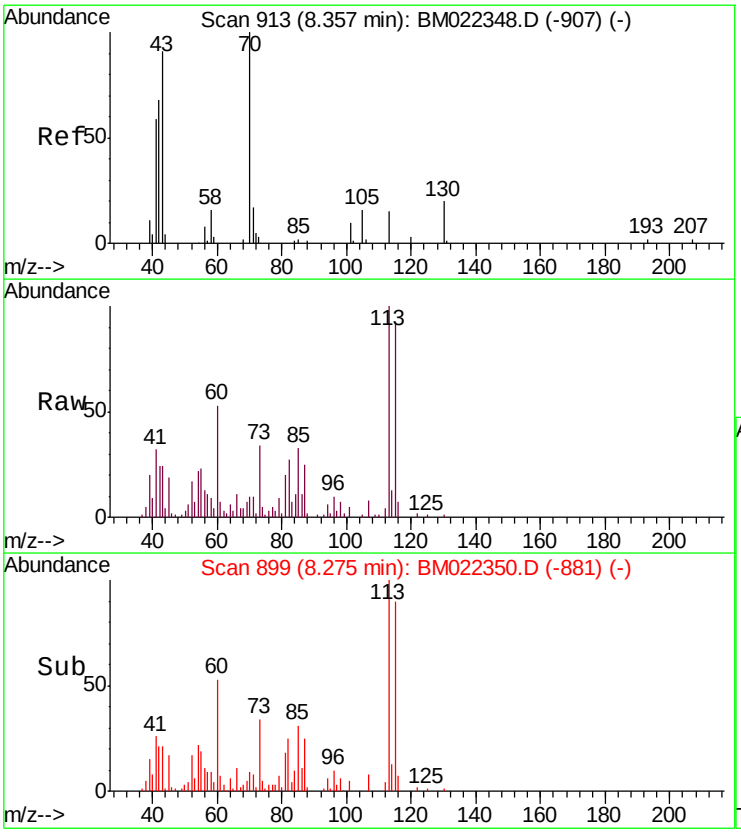
#14
Acetophenone
Concen: 2.800 ng/ul
RT: 8.40 min Scan# 920
Delta R.T. 0.01 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Instrument :
BNA_M
ClientSampleId :
C0AE2

Tgt Ion:105 Resp: 15311

Ion	Ratio	Lower	Upper
105	100		
77	83.9	68.4	102.6
51	35.5	25.0	37.4

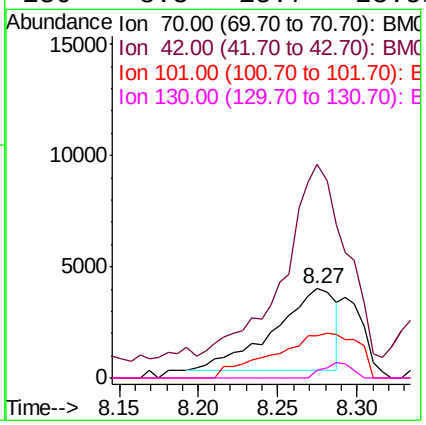


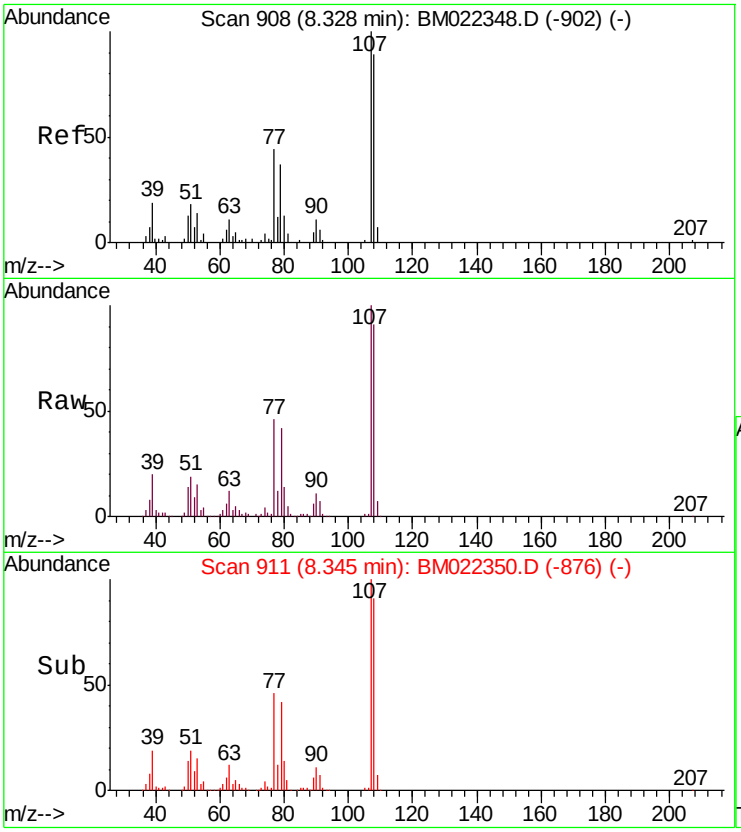


#15
N-Nitroso-di-n-propylamine
Concen: 3.610 ng/ul
RT: 8.27 min Scan# 899
Delta R.T. -0.09 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Tgt Ion: 70 Resp: 9993

Ion	Ratio	Lower	Upper
70	100		
42	239.6	55.1	82.7#
101	47.2	8.0	12.0#
130	8.3	15.7	23.5#



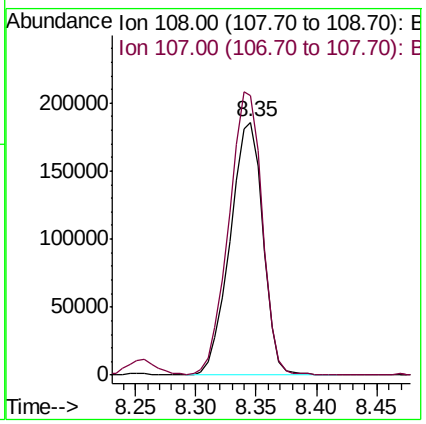


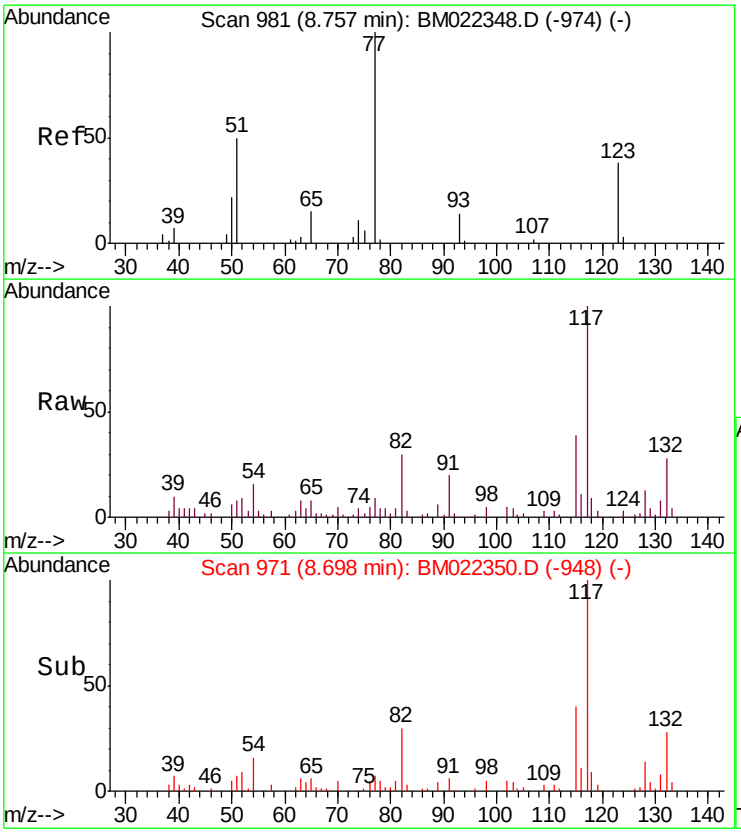
#16
4-Methylphenol
Concen: 104.558 ng/ul
RT: 8.35 min Scan# 911
Delta R.T. 0.01 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Instrument :
BNA_M
ClientSampleId :
C0AE2

Tgt Ion:108 Resp: 353811

Ion	Ratio	Lower	Upper
108	100		
107	110.3	90.8	136.2

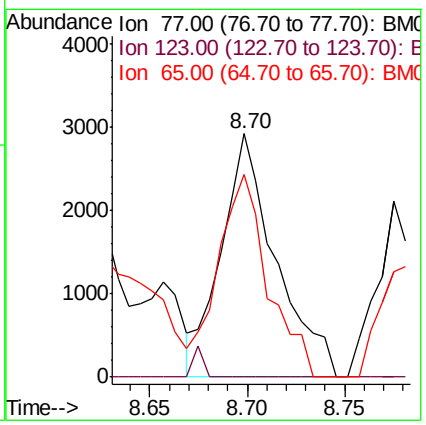


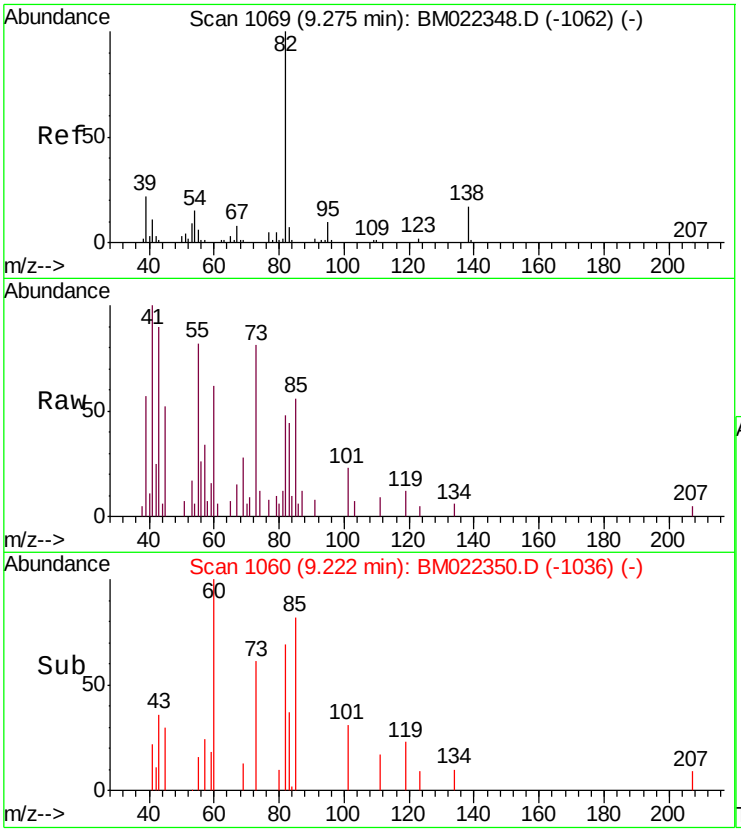


#20
Nitrobenzene
Concen: 29.202 ng/ul
RT: 8.70 min Scan# 971
Delta R.T. -0.06 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Tgt Ion: 77 Resp: 5640

Ion	Ratio	Lower	Upper
77	100		
123	0.0	31.0	46.4#
65	83.3	12.2	18.2#



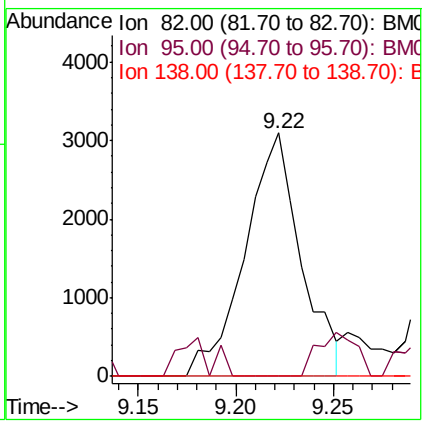


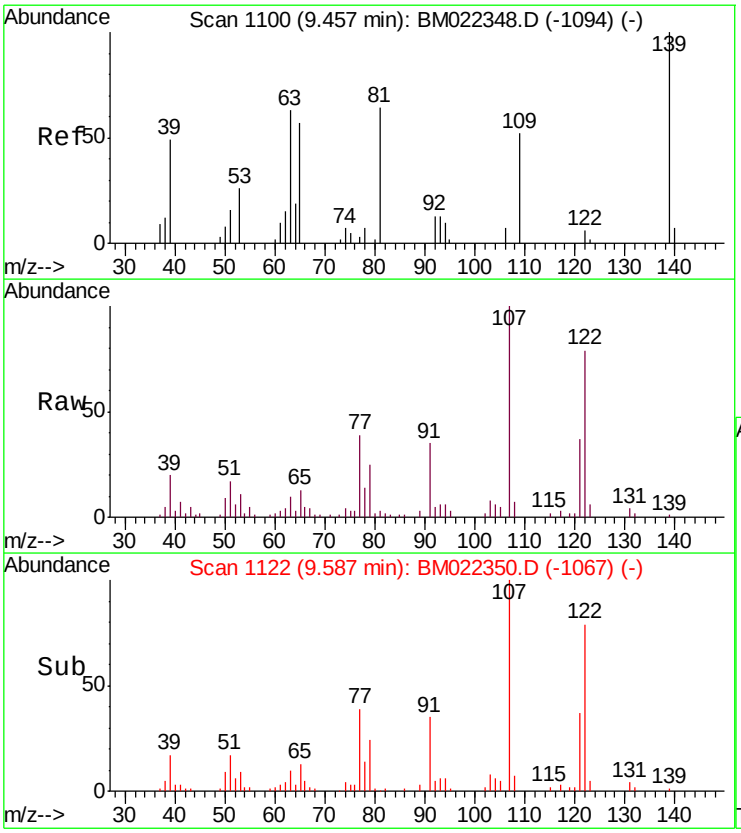
#21
Isophorone
Concen: 17.503 ng/ul
RT: 9.22 min Scan# 1060
Delta R.T. -0.06 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Instrument :
BNA_M
ClientSampleId :
C0AE2

Tgt Ion: 82 Resp: 6161

Ion	Ratio	Lower	Upper
82	100		
95	0.0	7.2	10.8#
138	0.0	13.8	20.6#

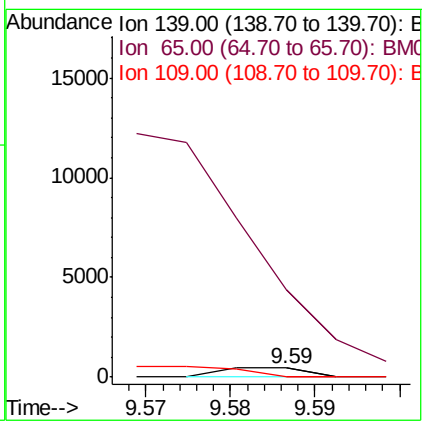


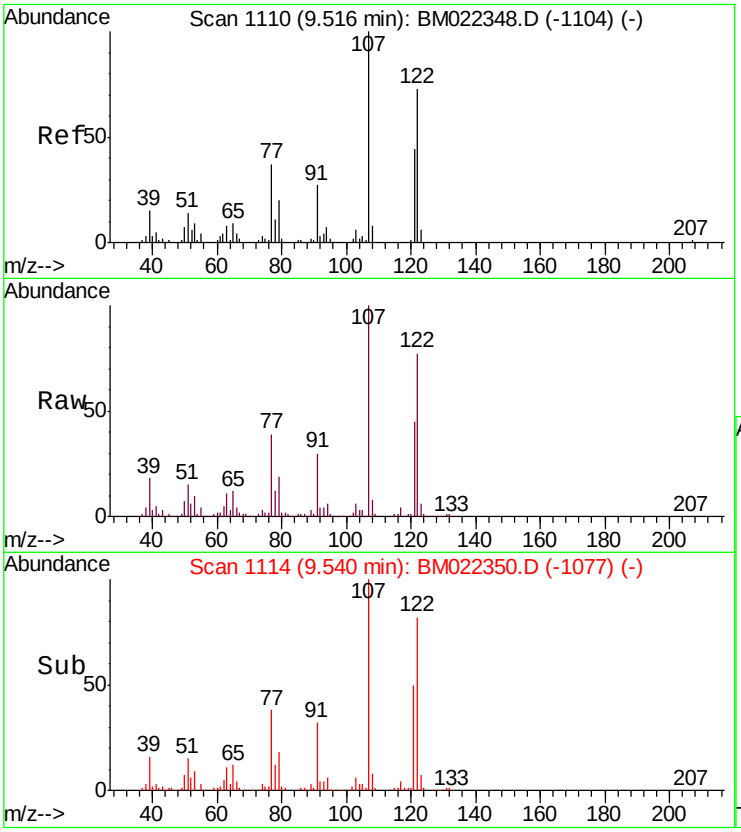


#23
2-Nitrophenol
Concen: 3.781 ng/ul
RT: 9.59 min Scan# 1122
Delta R.T. 0.12 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Tgt Ion:139 Resp: 317

Ion	Ratio	Lower	Upper
139	100		
65	961.1	48.9	73.3#
109	0.0	39.7	59.5#



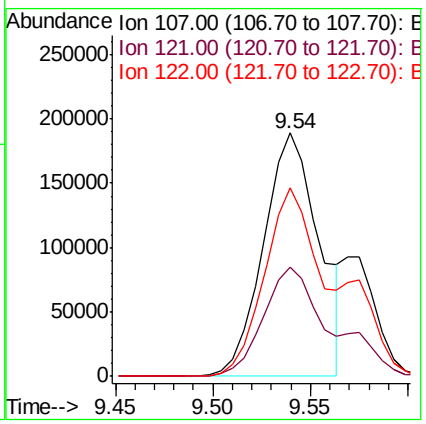


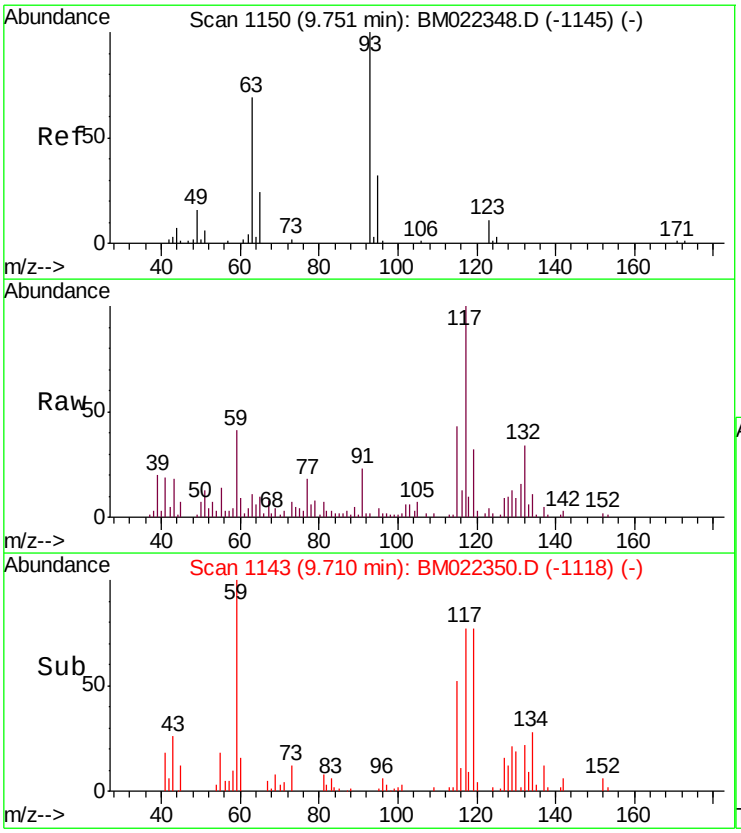
#24
2,4-Dimethylphenol
Concen: 1905.226 ng/ul
RT: 9.54 min Scan# 1114
Delta R.T. 0.02 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Instrument :
BNA_M
ClientSampleId :
C0AE2

Tgt Ion:107 Resp: 374619

Ion	Ratio	Lower	Upper
107	100		
121	45.1	33.6	50.4
122	77.5	58.0	87.0

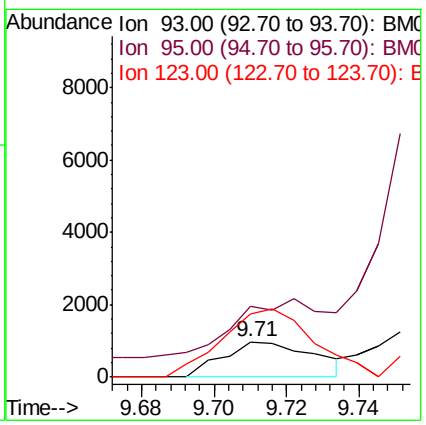


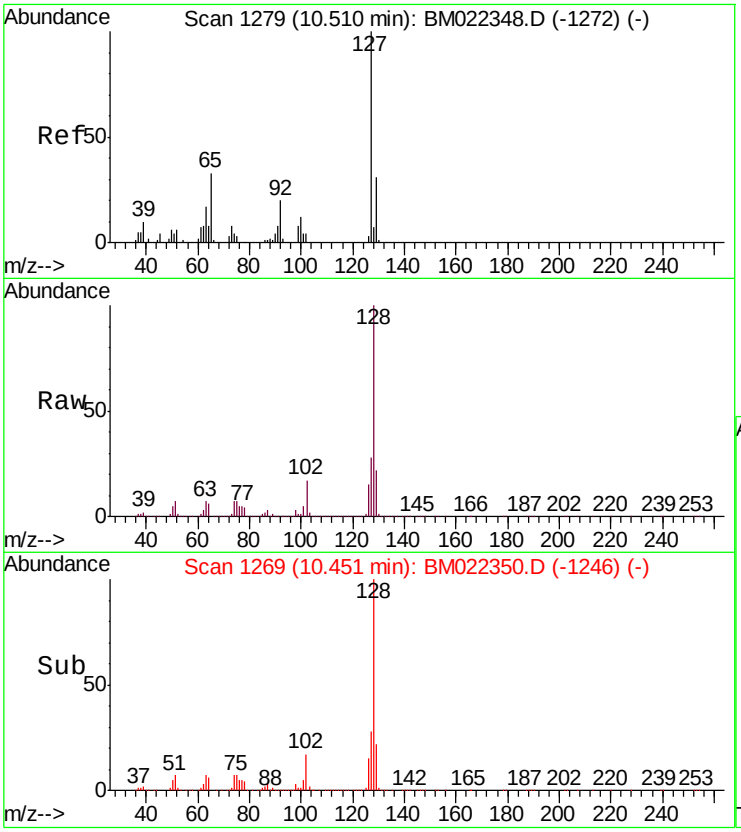


#25
Bis(2-Chloroethoxy)methane
Concen: 8.982 ng/ul
RT: 9.71 min Scan# 1143
Delta R.T. -0.05 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Tgt Ion: 93 Resp: 1707

Ion	Ratio	Lower	Upper
93	100		
95	202.9	26.5	39.7#
123	180.8	8.4	12.6#



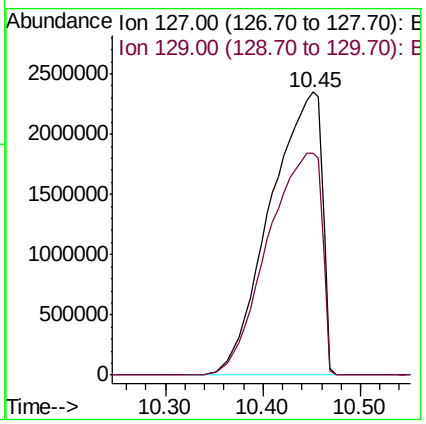


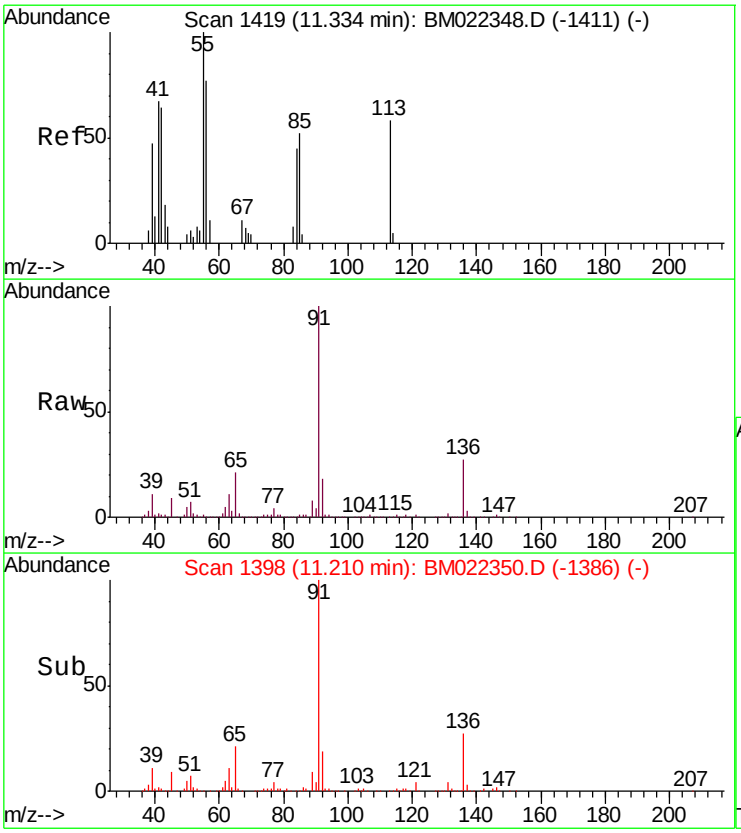
#30
4-Chloroaniline
Concen: 44030.942 ng/ul
RT: 10.45 min Scan# 1269
Delta R.T. -0.06 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Instrument :
BNA_M
ClientSampleId :
C0AE2

Tgt Ion:127 Resp: 8661584

Ion	Ratio	Lower	Upper
127	100		
129	78.4	24.2	36.4#

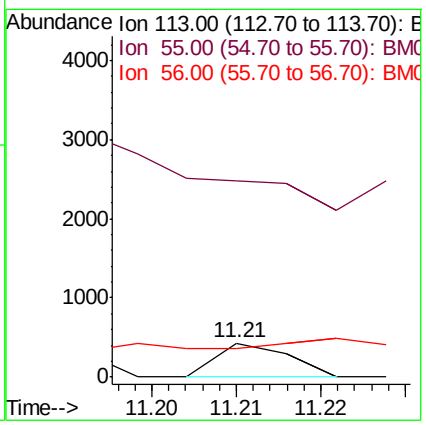


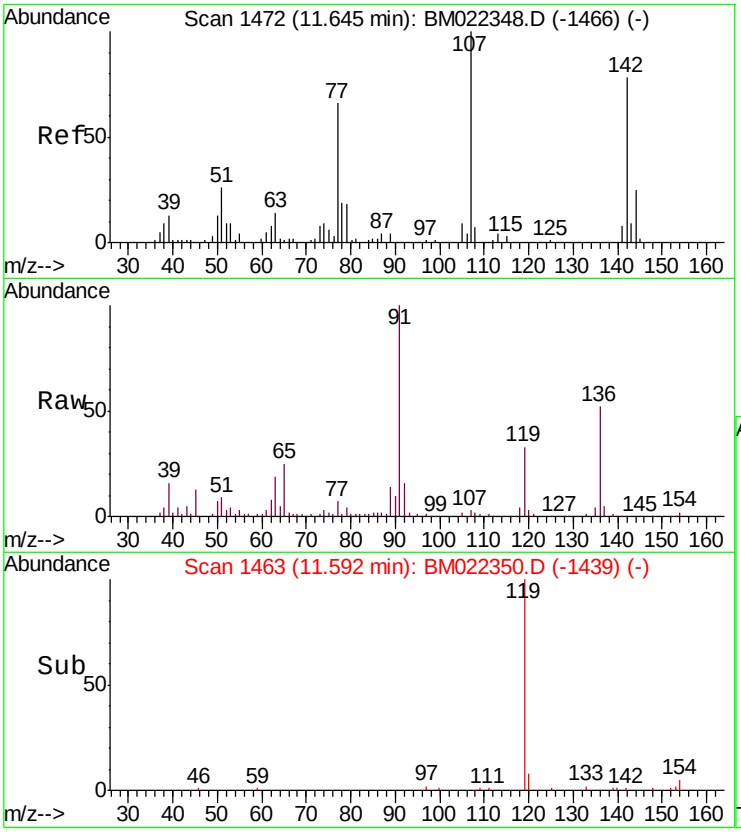


#32
Caprolactam
Concen: 5.280 ng/ul
RT: 11.21 min Scan# 1398
Delta R.T. -0.13 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Tgt Ion:113 Resp: 258

Ion	Ratio	Lower	Upper
113	100		
55	576.5	111.6	167.4#
56	85.6	104.6	157.0#



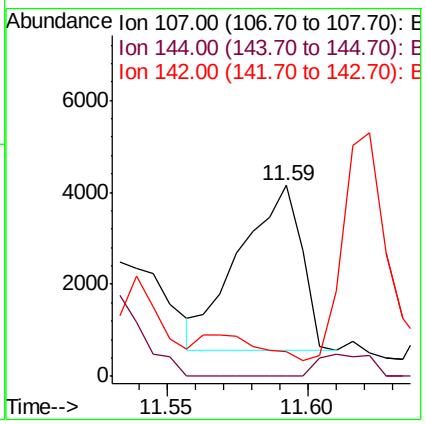


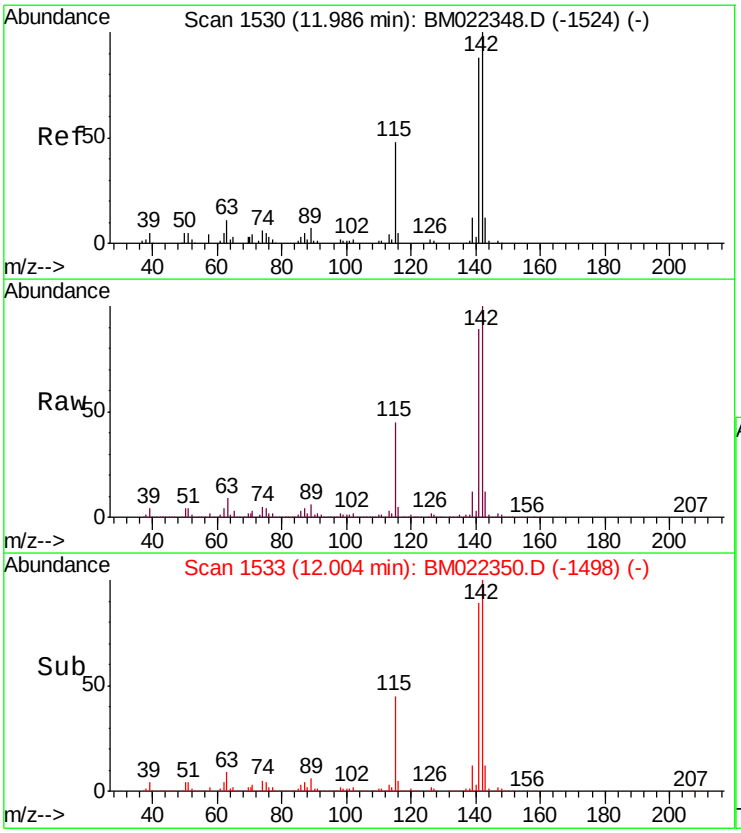
#33
4-Chloro-3-methylphenol
Concen: 31.556 ng/ul
RT: 11.59 min Scan# 1463
Delta R.T. -0.06 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Instrument :
BNA_M
ClientSampleId :
C0AE2

Tgt Ion:107 Resp: 5485

Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.8	29.8#
142	13.1	61.5	92.3#

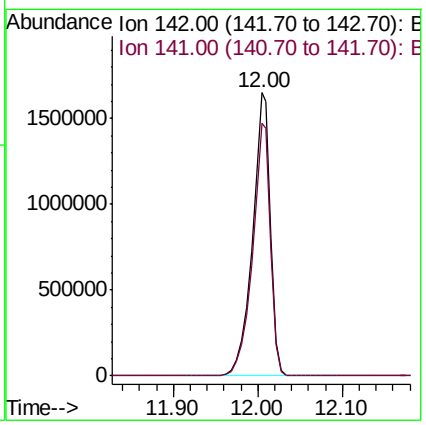


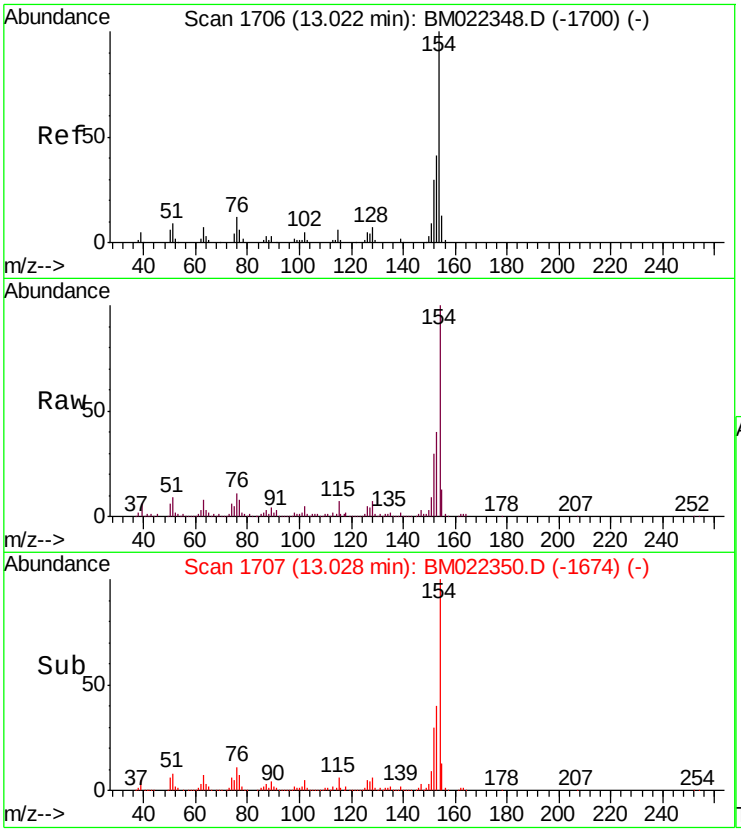


#34
2-Methylnaphthalene
Concen: 6552.315 ng/ul
RT: 12.00 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Tgt Ion:142 Resp: 2450596

Ion	Ratio	Lower	Upper
142	100		
141	89.1	75.1	112.7



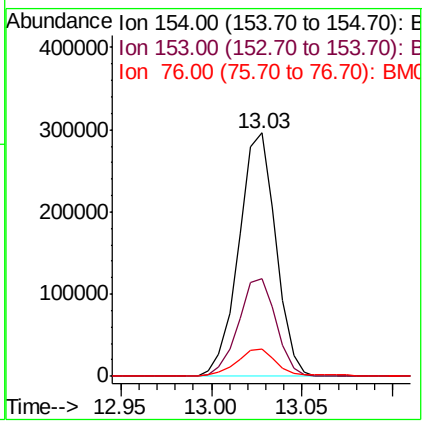


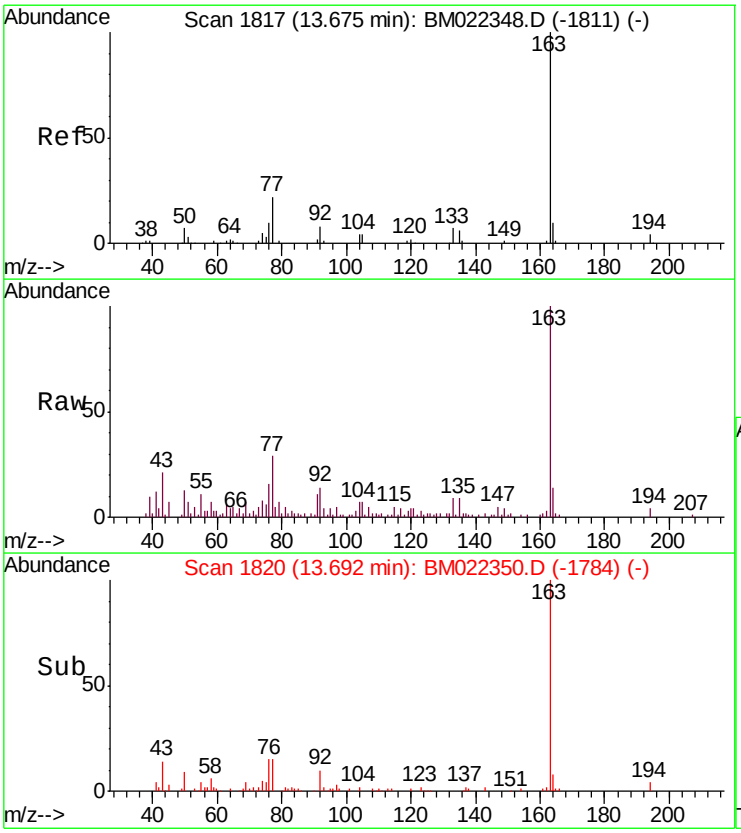
#40
1,1'-Biphenyl
Concen: 37.400 ng/ul
RT: 13.03 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Instrument :
BNA_M
ClientSampleId :
C0AE2

Tgt Ion:154 Resp: 418950

Ion	Ratio	Lower	Upper
154	100		
153	39.9	32.5	48.7
76	11.1	9.2	13.8

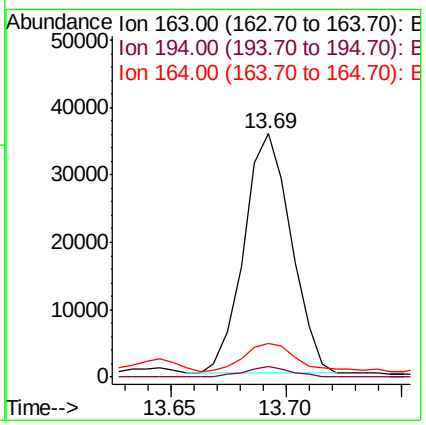


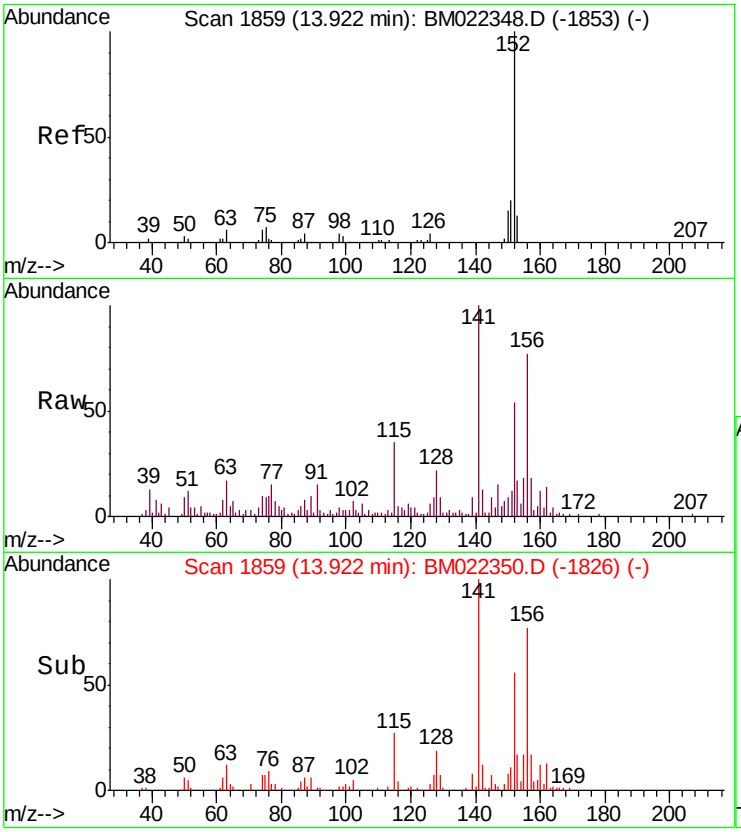


#44
Dimethylphthalate
Concen: 4.106 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Tgt Ion:163 Resp: 50651

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	13.7	7.8	11.8#



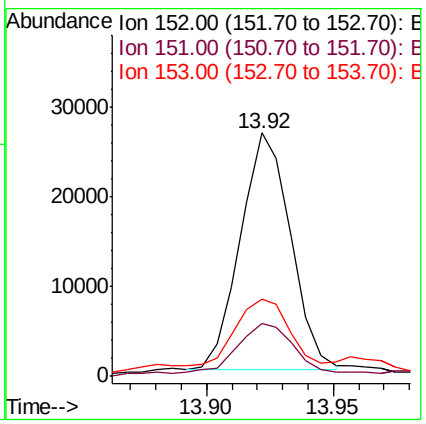


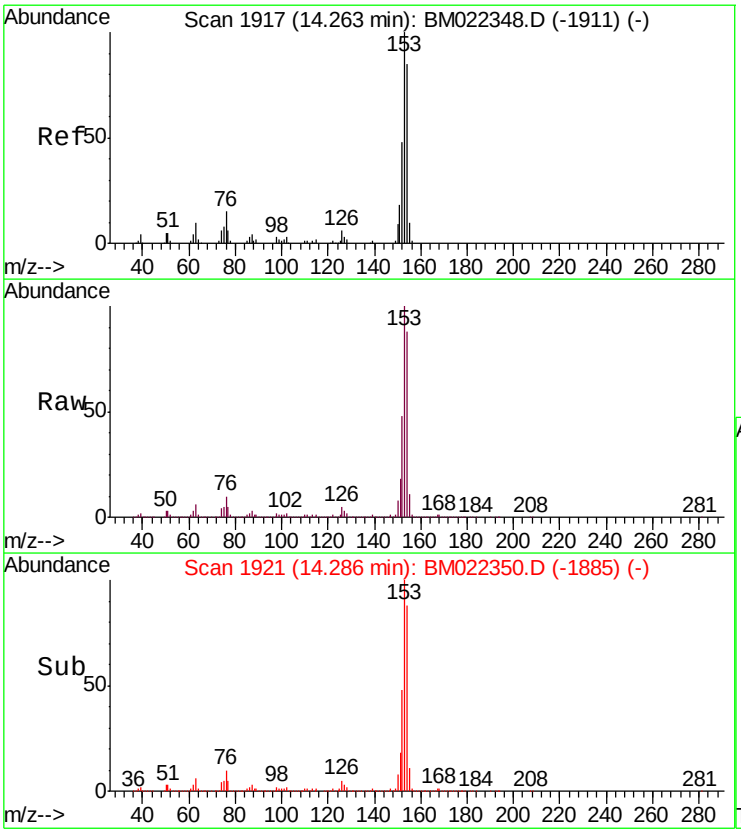
#47
Acenaphthylene
Concen: 2.704 ng/ul
RT: 13.92 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Instrument :
BNA_M
ClientSampleId :
C0AE2

Tgt Ion:152 Resp: 36604

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.0	24.0
153	31.8	10.4	15.6#

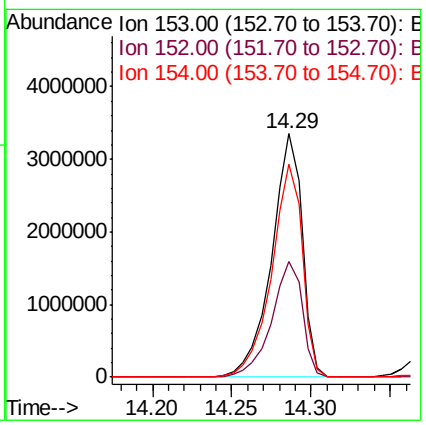


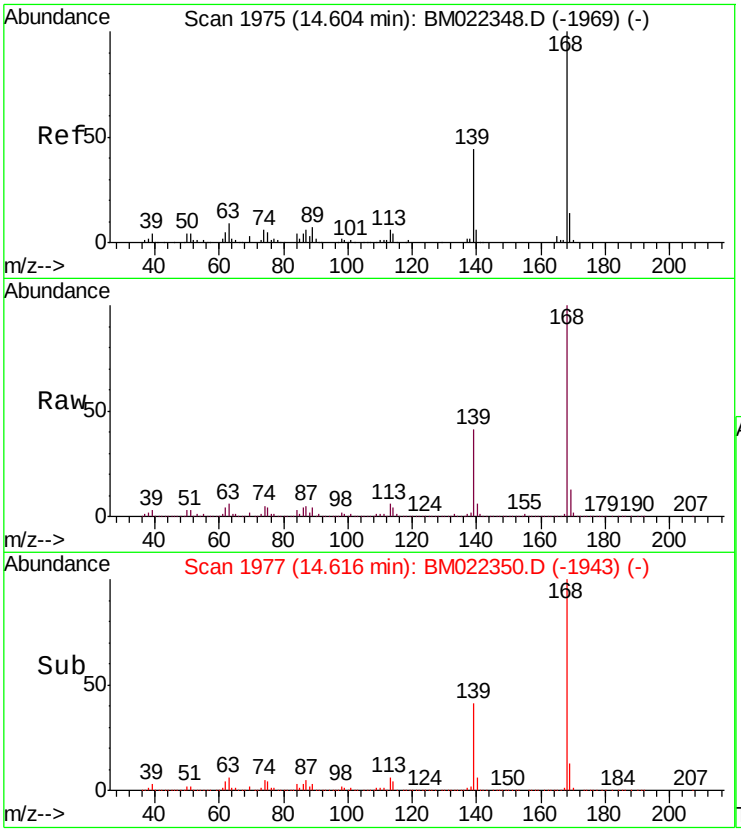


#49
Acenaphthene
Concen: 468.252 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Tgt Ion:153 Resp: 4500965

Ion	Ratio	Lower	Upper
153	100		
152	47.5	38.6	58.0
154	87.5	68.9	103.3



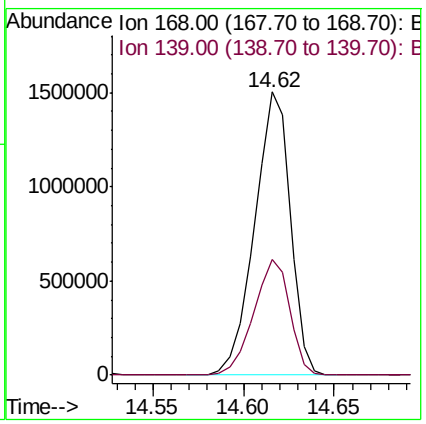


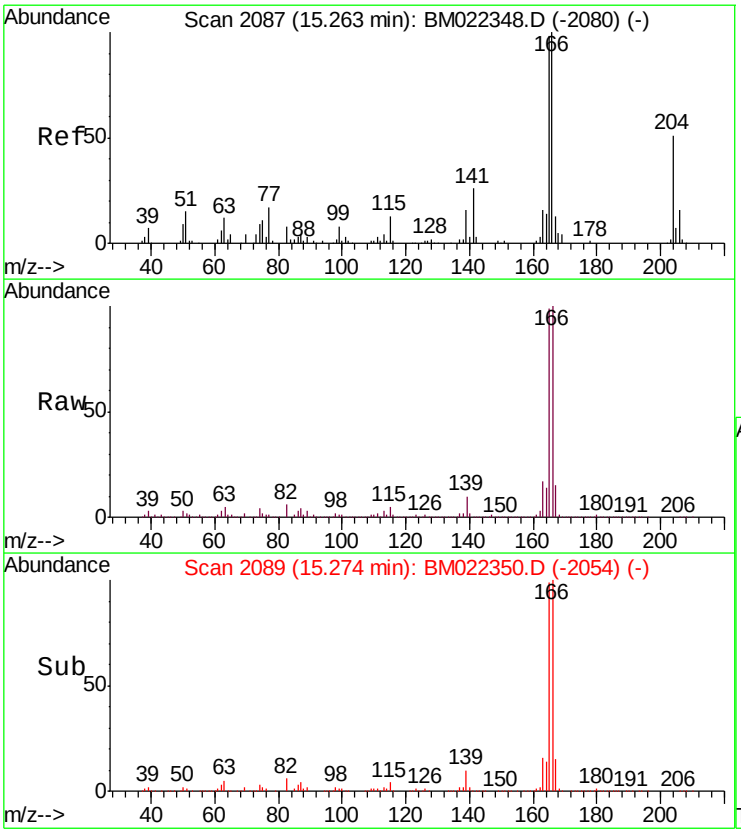
#53
Dibenzofuran
Concen: 143.492 ng/ul
RT: 14.62 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Instrument :
BNA_M
ClientSampleId :
C0AE2

Tgt Ion:168 Resp: 2054324

Ion	Ratio	Lower	Upper
168	100		
139	40.9	36.2	54.4

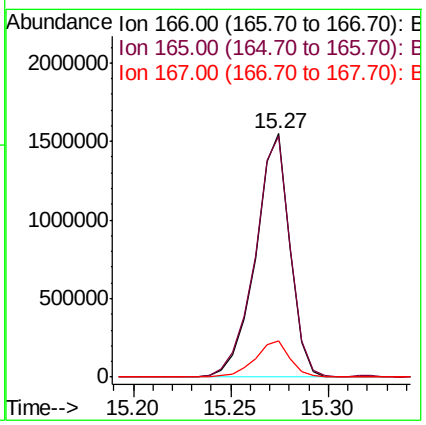


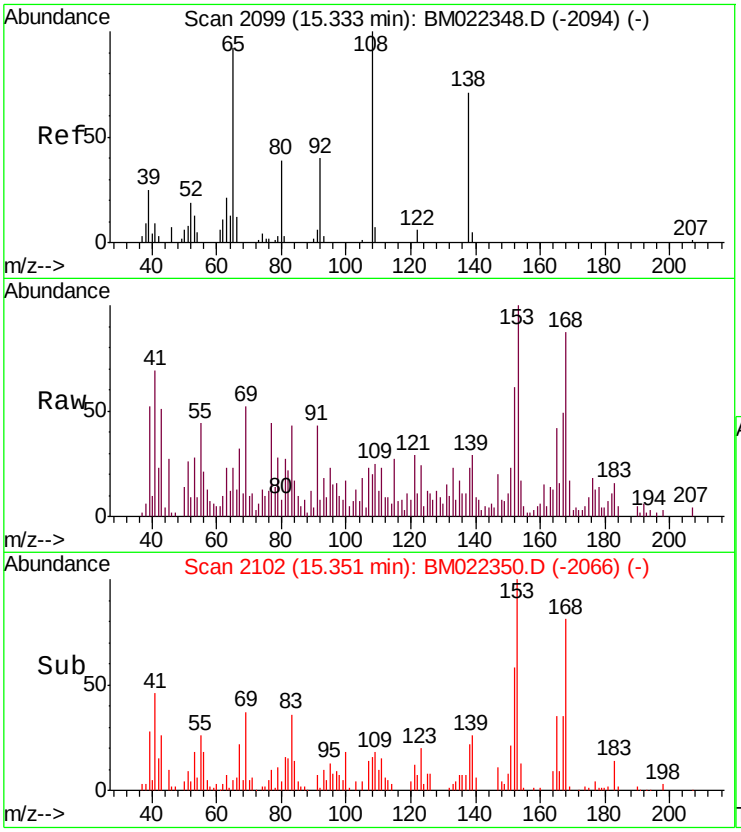


#58
Fluorene
Concen: 155.685 ng/ul
RT: 15.27 min Scan# 2089
Delta R.T. 0.01 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Tgt Ion:166 Resp: 1877314

Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.2	120.2
167	14.8	11.4	17.0



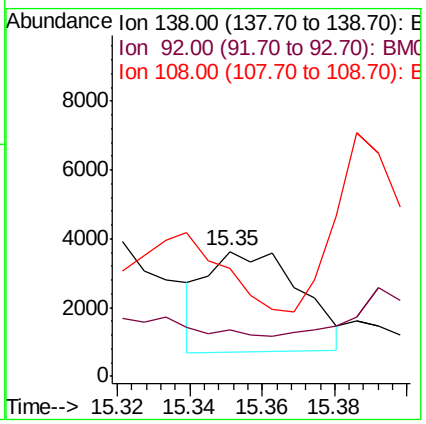


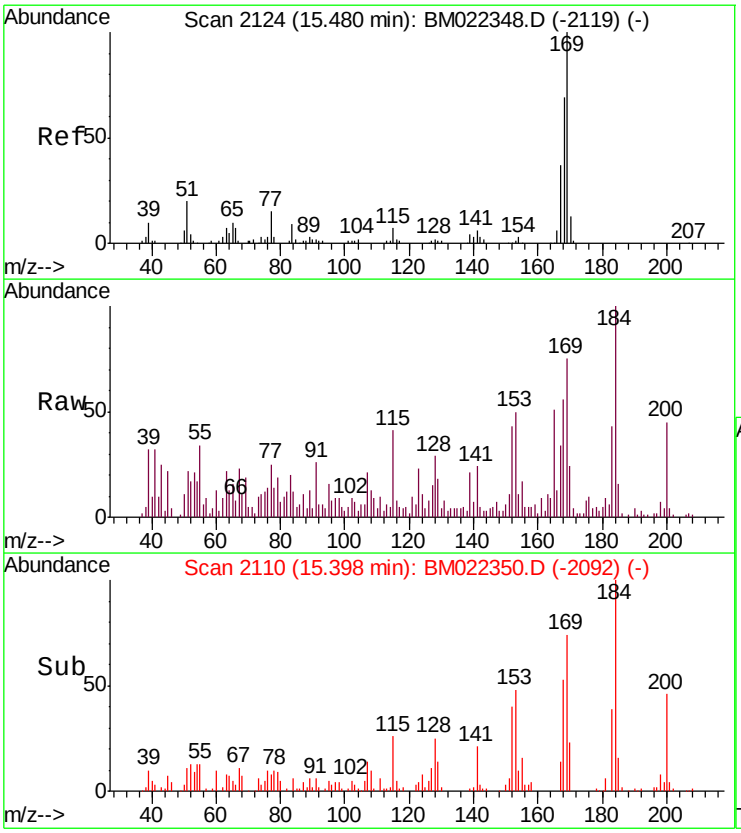
#60
4-Nitroaniline
Concen: 2.481 ng/ul
RT: 15.35 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Instrument :
BNA_M
ClientSampleId :
C0AE2

Tgt Ion:138 Resp: 5192

Ion	Ratio	Lower	Upper
138	100		
92	37.1	47.8	71.6#
108	86.9	114.9	172.3#

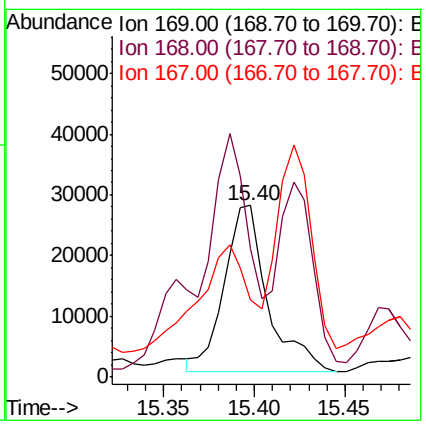


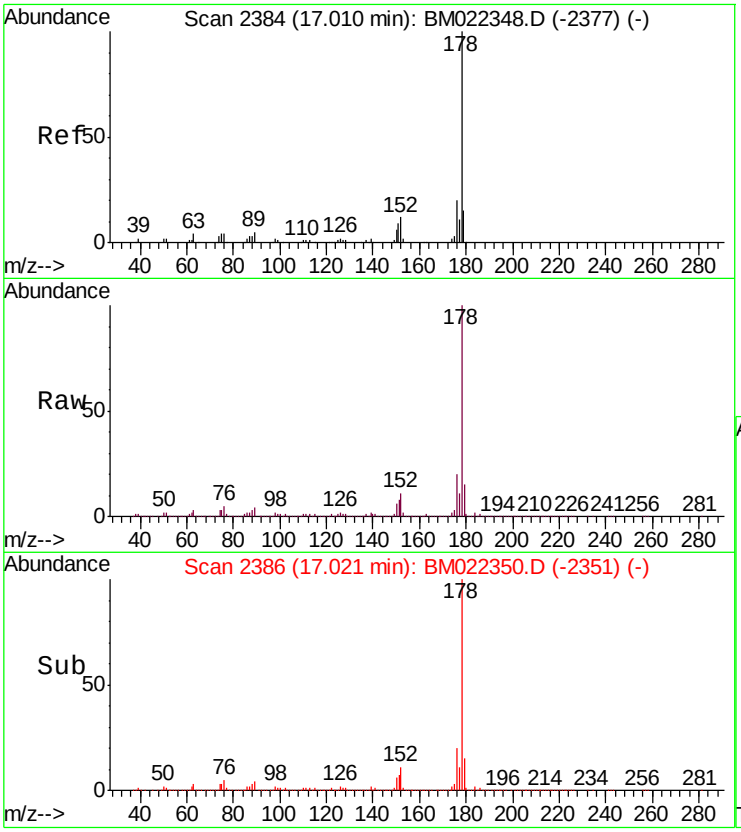


#64
N-Nitrosodiphenylamine
Concen: 4.703 ng/ul
RT: 15.40 min Scan# 2110
Delta R.T. -0.09 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Tgt Ion:169 Resp: 45898

Ion	Ratio	Lower	Upper
169	100		
168	74.8	55.7	83.5
167	45.4	30.8	46.2



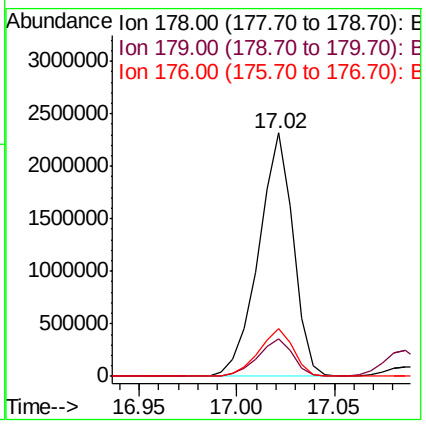


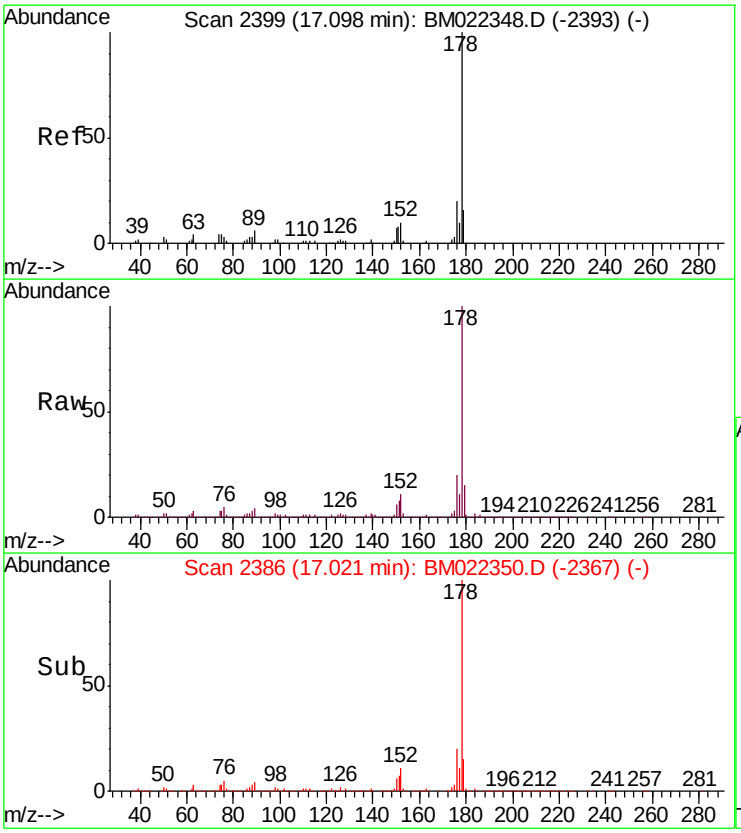
#69
Phenanthrene
Concen: 151.297 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Instrument :
BNA_M
ClientSampleId :
C0AE2

Tgt Ion:178 Resp: 2835057

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	19.6	15.4	23.0

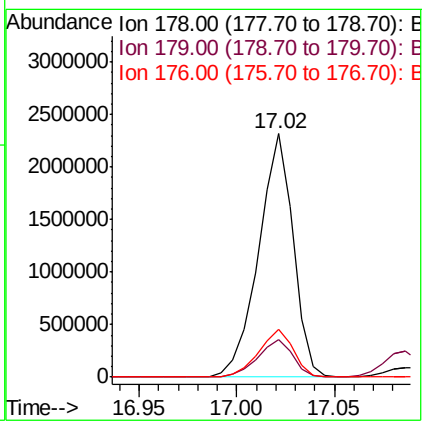


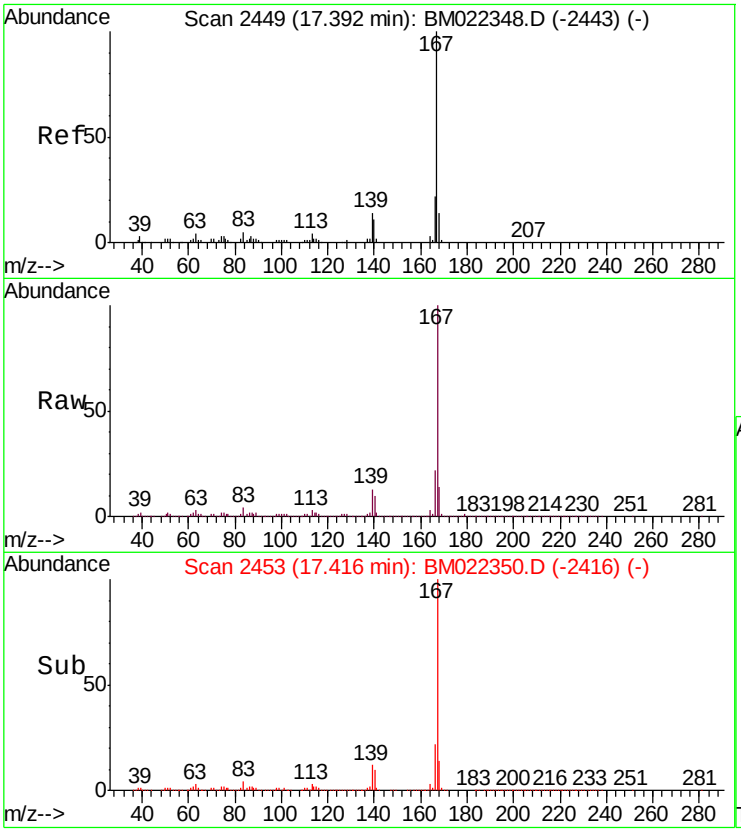


#71
Anthracene
Concen: 145.395 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.09 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Tgt Ion:178 Resp: 2835096

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.6	15.5	23.3



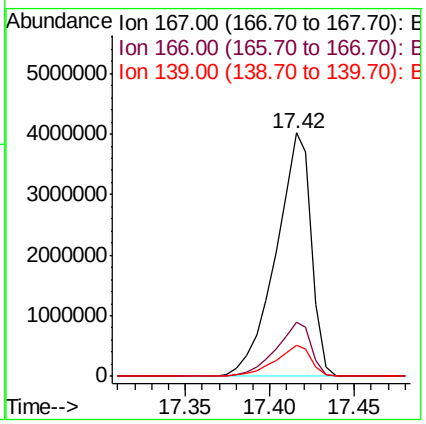


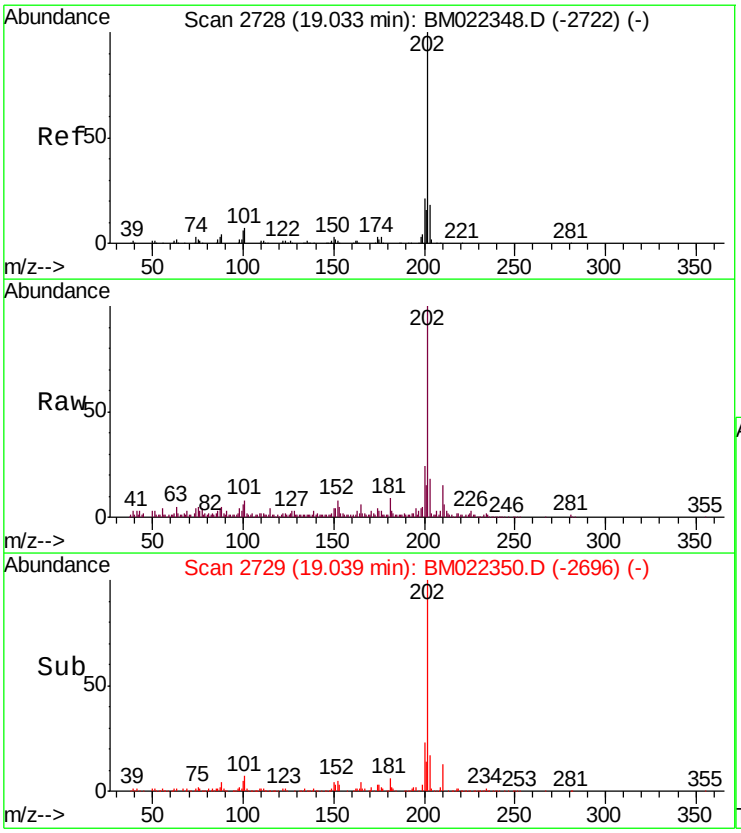
#74
Carbazole
Concen: 332.150 ng/ul
RT: 17.42 min Scan# 2453
Delta R.T. 0.02 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Instrument :
BNA_M
ClientSampleId :
C0AE2

Tgt Ion:167 Resp: 5849930

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.8
139	12.5	11.8	17.8

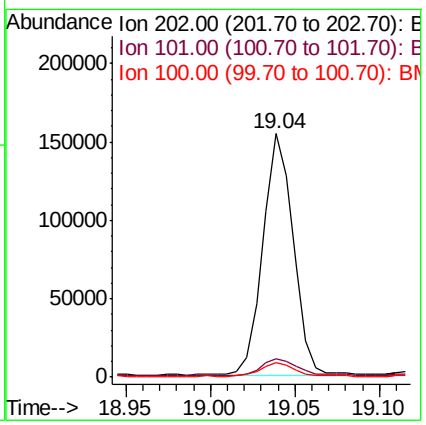


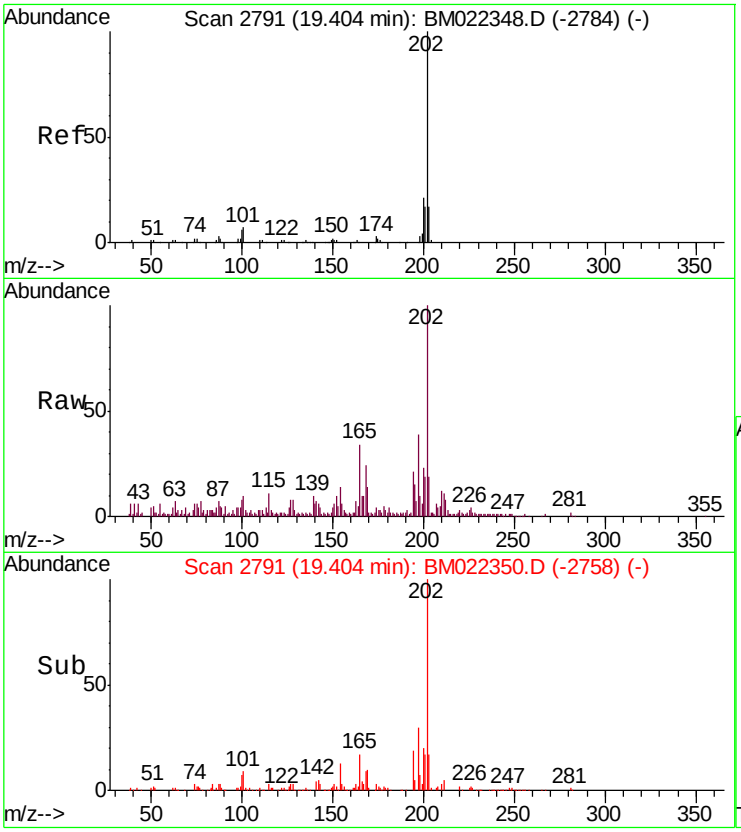


#76
Fluoranthene
Concen: 6.782 ng/ul
RT: 19.04 min Scan# 2729
Delta R.T. -0.01 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Tgt Ion:202 Resp: 191494

Ion	Ratio	Lower	Upper
202	100		
101	7.6	5.3	7.9
100	5.8	4.6	6.8





#79
Pyrene
Concen: 7.469 ng/ul
RT: 19.40 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BM022350.D
Acq: 27 Aug 2019 04:02

Instrument :
BNA_M
ClientSampleId :
C0AE2

Tgt Ion:202 Resp: 116934

Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.0	10.4
100	8.2	5.8	8.8