Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022920.D
Acq On : 03 Oct 2019 15:00
Operator : JU
Sample : K4932-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 04 01:21:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	231980	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.59	136	1004398	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.43	164	612093	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1199919	20.00	ng/ul	-0.02
78) Chrysene-d12	21.35	240	937084	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	899224	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	30579	5.70	ng/uL	0.00
5) Phenol-d5	6.96	99	147778	7.21	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	312971	27.90	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.33	132	389093	23.57	ng/ul	-0.02
13) 4-Methylphenol-d8	8.50	113	270385	16.11	ng/ul	-0.02
19) Nitrobenzene-d5	8.95	128	234562	30.26	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.67	143	249357	29.46	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.21	165	465890	27.64	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	623325	30.44	ng/ul	-0.02
44) Dimethylphthalate-d6	13.84	166	1466696	30.87	ng/ul	-0.02
47) Acenaphthylene-d8	14.12	160	1738030	31.69	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.63	143	66469	7.08	ng/ul	-0.01
58) Fluorene-d10	15.42	176	1324341	32.71	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.54	200	199831	25.59	ng/ul	-0.02
71) Anthracene-d10	17.27	188	2092199	35.71	ng/ul	-0.02
79) Pyrene-d10	19.56	212	2158530	42.80	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1715697	36.88	ng/ul	-0.03
Target Compounds						Qvalue
4) Benzaldehyde	6.95	77	50067	5.390	ng/ul#	1
6) Phenol	6.99	94	282346	13.140	ng/ul	99
11) 2-Methylphenol	8.24	108	82008	4.952	ng/ul	97
14) Acetophenone	8.60	105	80927	3.155	ng/ul#	42
16) 4-Methylphenol	8.56	108	341265	18.636	ng/ul	97
17) Hexachloroethane	8.90	117	53895	8.010	ng/ul#	6
24) 2,4-Dimethylphenol	9.76	107	191087	10.138	ng/ul	99
28) Naphthalene	10.64	128	2413502	44.494	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	826953	20.333	ng/ul	100
35) 1-Methylnaphthalene	12.47	142	551279	14.193	ng/ul	99
45) Dimethylphthalate	13.89	163	63957	1.311	ng/ul	97
50) Acenaphthene	14.49	153	96432	2.338	ng/ul	100
59) Fluorene	15.48	166	83980	1.764	ng/ul	99
70) Phenanthrene	17.21	178	198286	2.769	ng/ul	99
75) Carbazole	17.57	167	94858	1.463	ng/ul	98

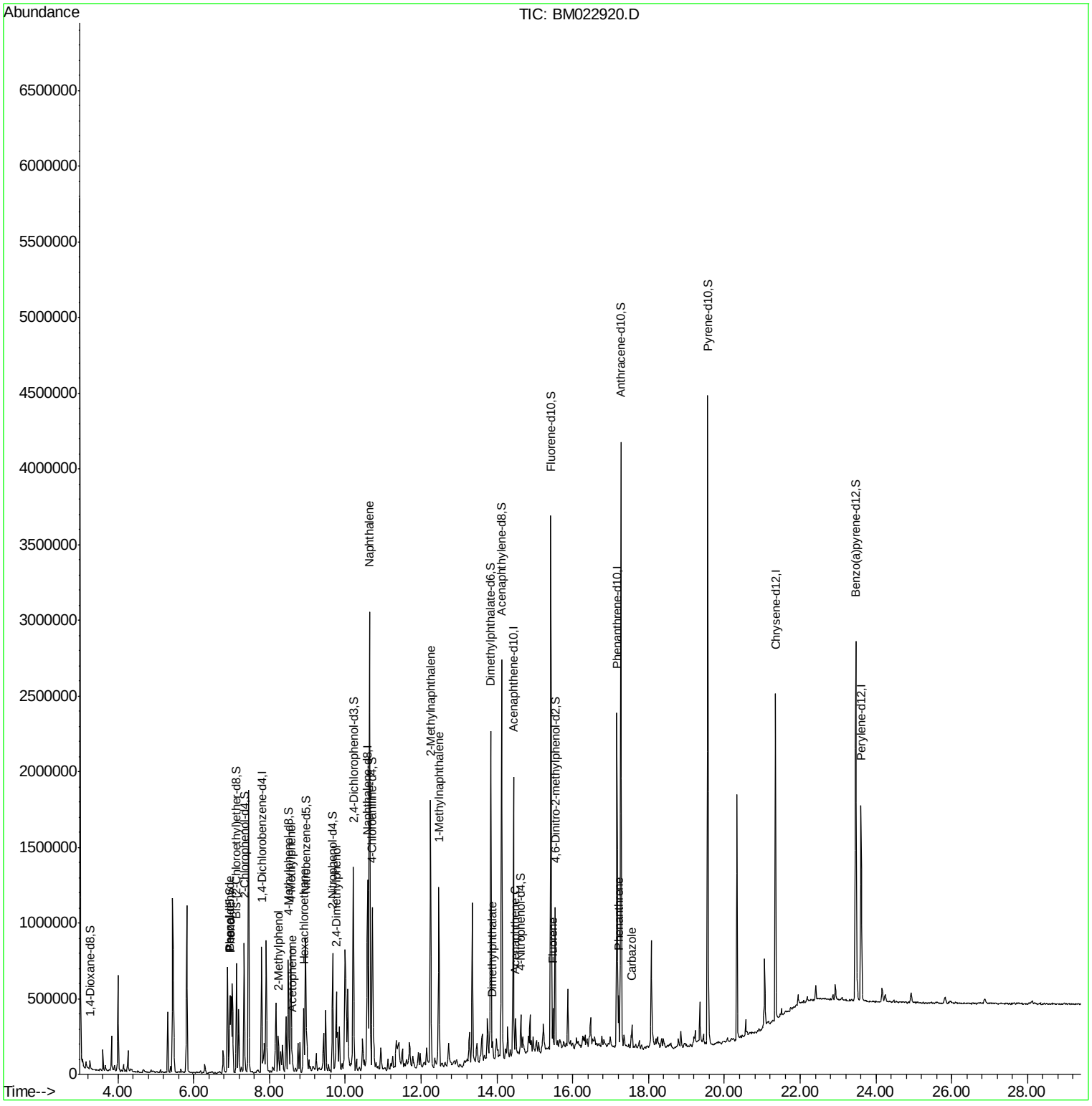
(#) = qualifier out of range (m) = manual integration (+) = signals summed

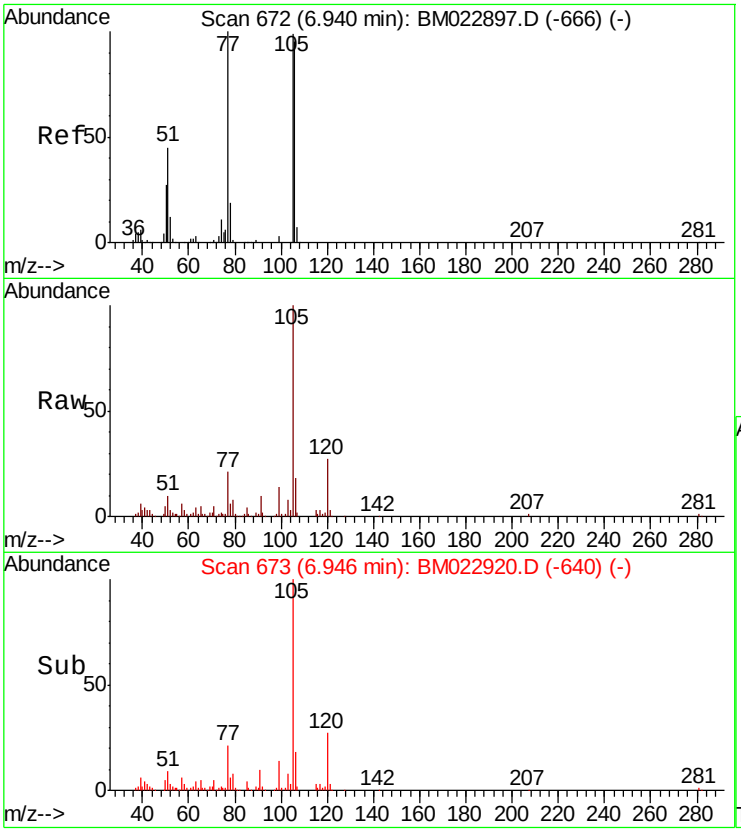
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022920.D
Acq On : 03 Oct 2019 15:00
Operator : JU
Sample : K4932-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 04 01:21:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration



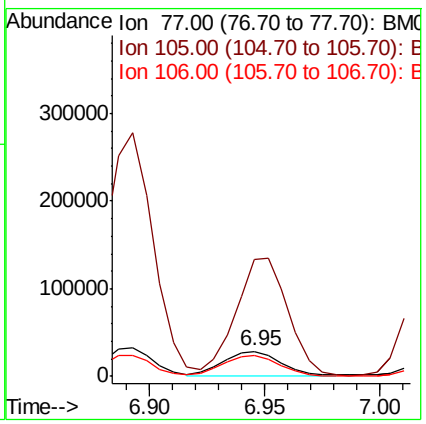


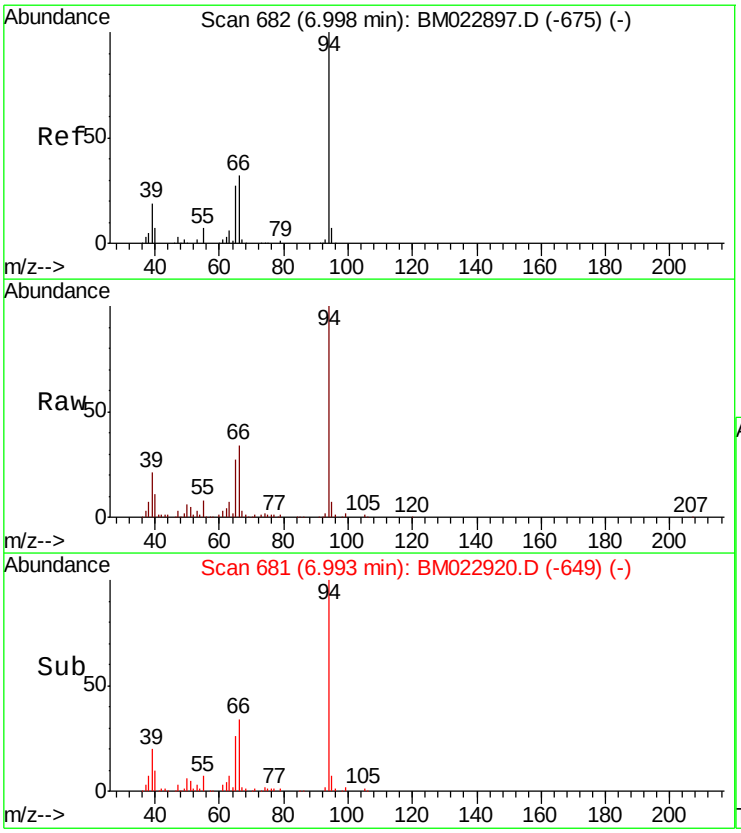
#4
Benzaldehyde
Concen: 5.390 ng/ul
RT: 6.95 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 50067

Ion	Ratio	Lower	Upper
77	100		
105	467.2	80.6	120.8#
106	84.9	77.0	115.6

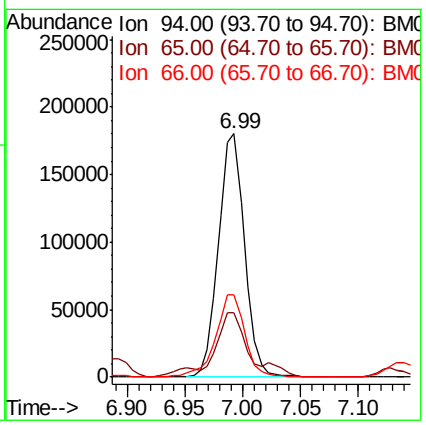


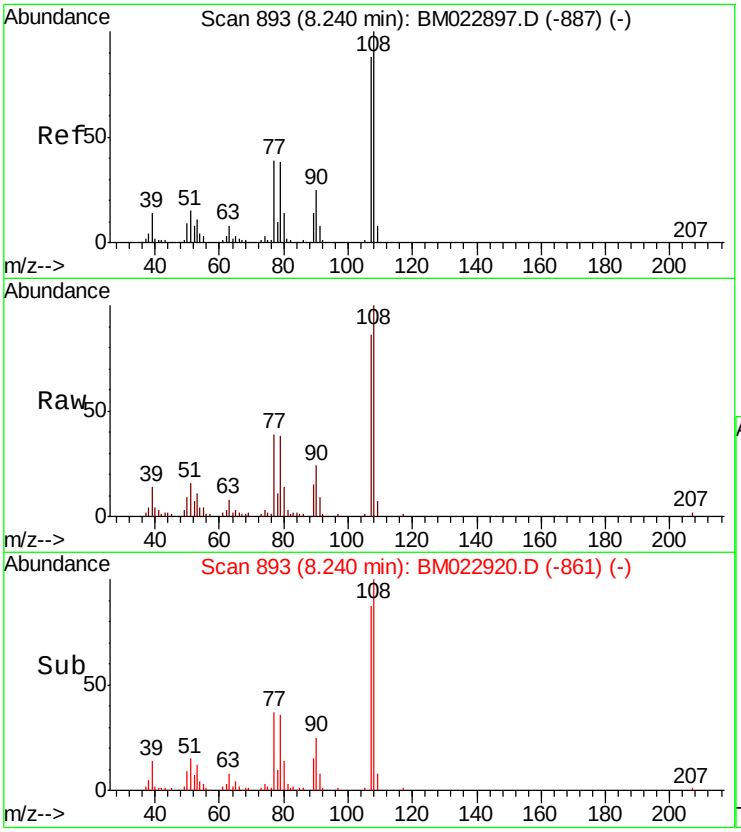


#6
Phenol
Concen: 13.140 ng/ul
RT: 6.99 min Scan# 681
Delta R.T. -0.01 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Tgt Ion: 94 Resp: 282346

Ion	Ratio	Lower	Upper
94	100		
65	26.6	20.9	31.3
66	33.8	27.2	40.8



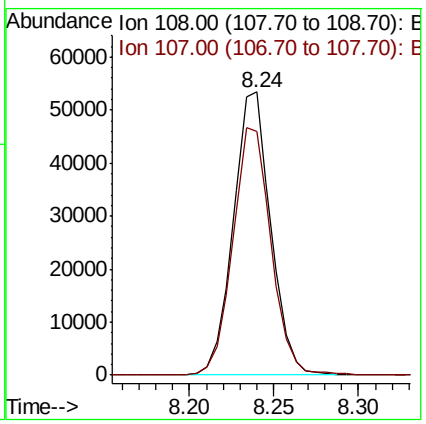


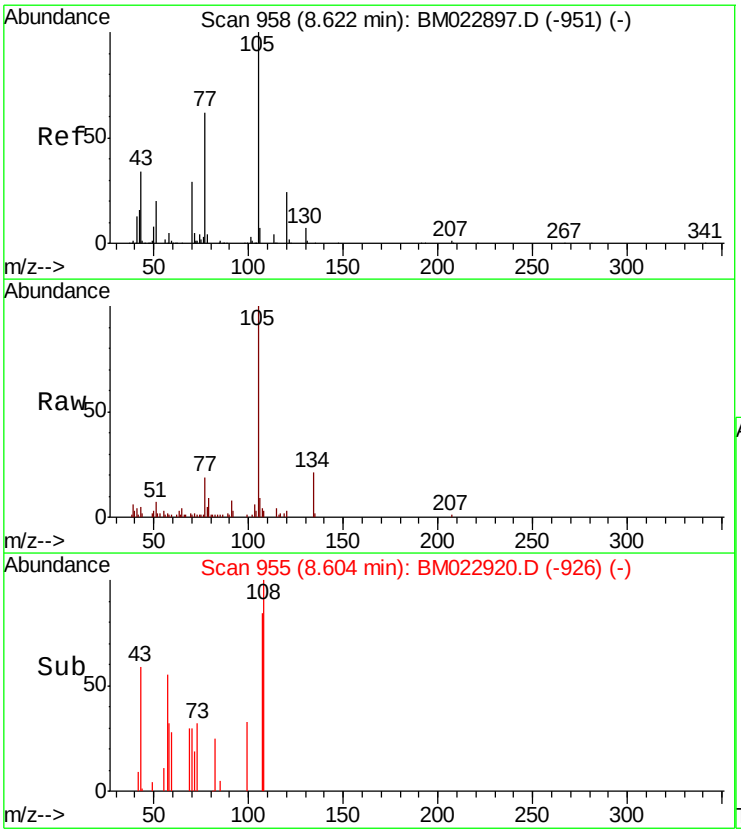
#11
2-Methylphenol
Concen: 4.952 ng/ul
RT: 8.24 min Scan# 893
Delta R.T. -0.01 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 82008

Ion	Ratio	Lower	Upper
108	100		
107	86.1	71.0	106.4

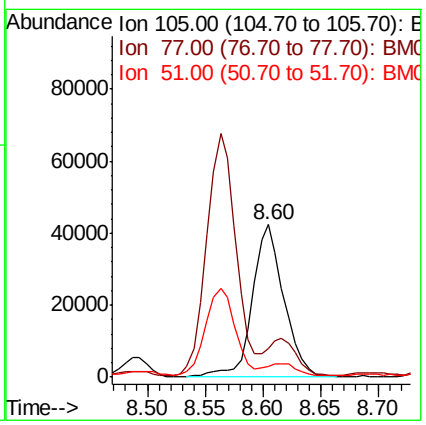


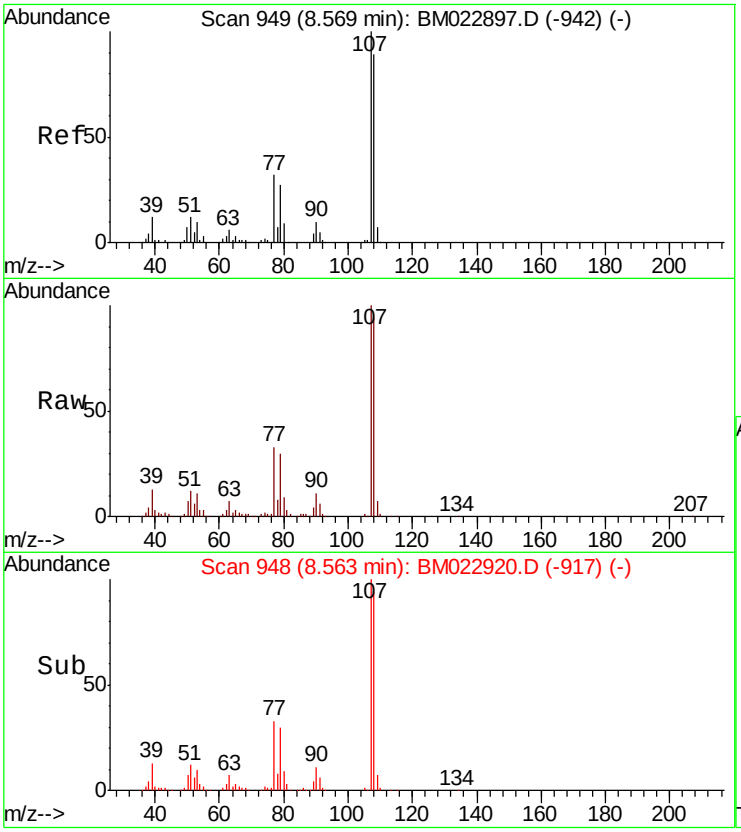


#14
Acetophenone
Concen: 3.155 ng/ul
RT: 8.60 min Scan# 955
Delta R.T. -0.03 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Tgt Ion:105 Resp: 80927

Ion	Ratio	Lower	Upper
105	100		
77	18.9	59.4	89.0#
51	7.0	19.4	29.0#



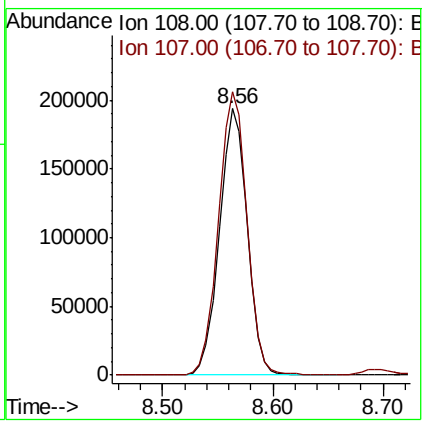


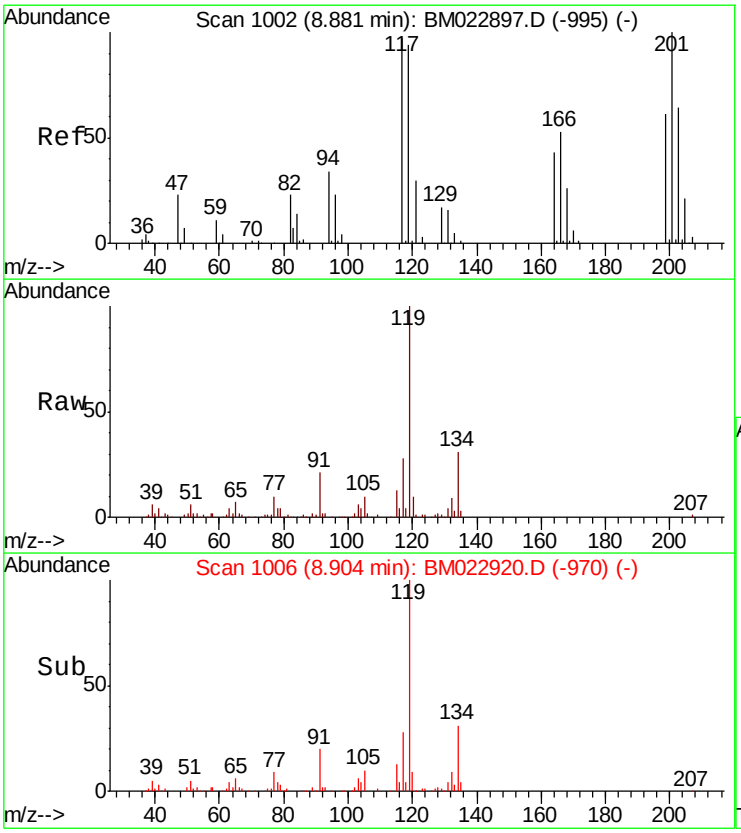
#16
4-Methylphenol
Concen: 18.636 ng/ul
RT: 8.56 min Scan# 948
Delta R.T. -0.02 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 341265

Ion	Ratio	Lower	Upper
108	100		
107	106.3	87.9	131.9

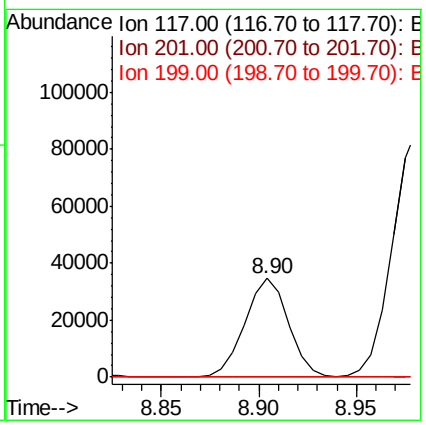


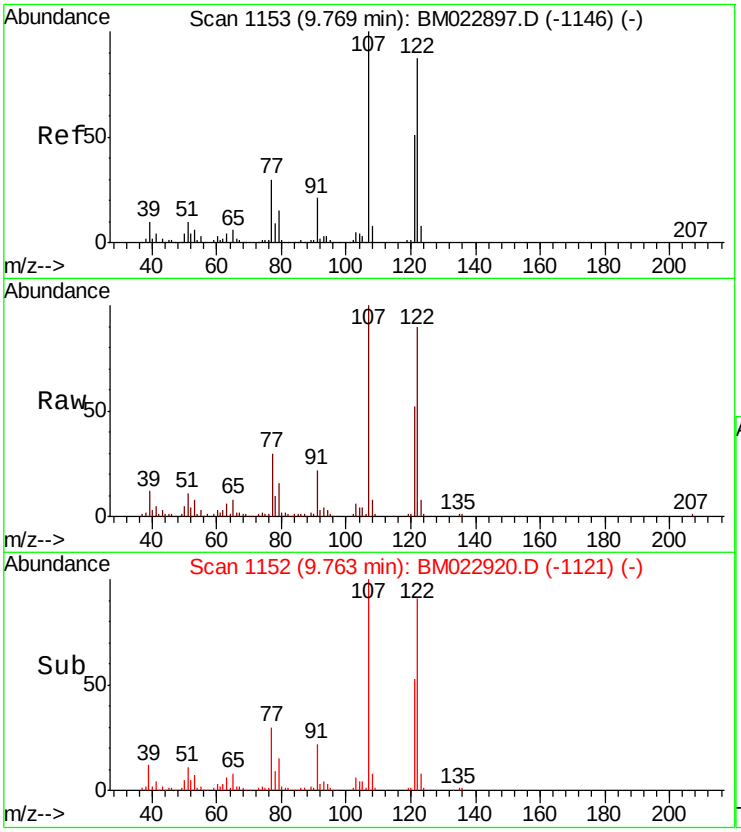


#17
Hexachloroethane
Concen: 8.010 ng/ul
RT: 8.90 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Tgt Ion:117 Resp: 53895

Ion	Ratio	Lower	Upper
117	100		
201	0.0	82.5	123.7#
199	0.0	51.6	77.4#



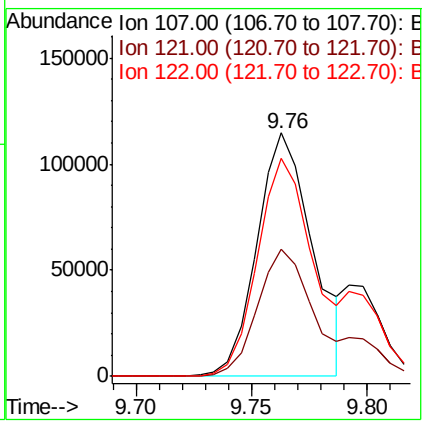


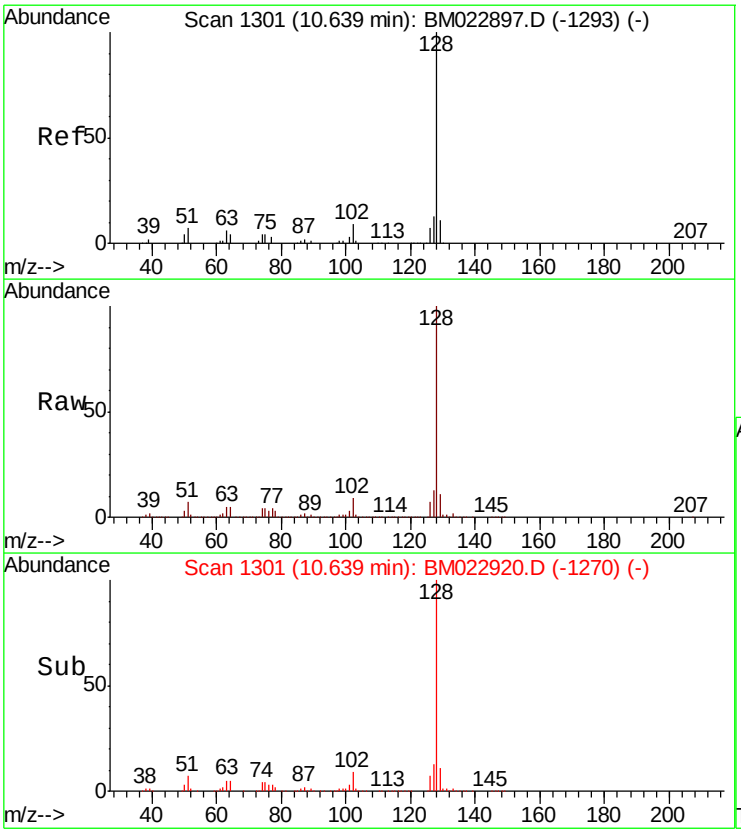
#24
2,4-Dimethylphenol
Concen: 10.138 ng/ul
RT: 9.76 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 191087

Ion	Ratio	Lower	Upper
107	100		
121	52.0	43.0	64.4
122	89.8	71.4	107.0

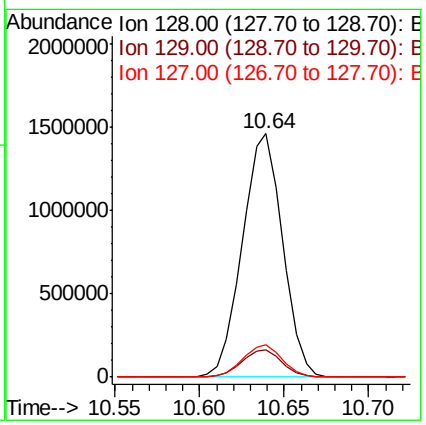


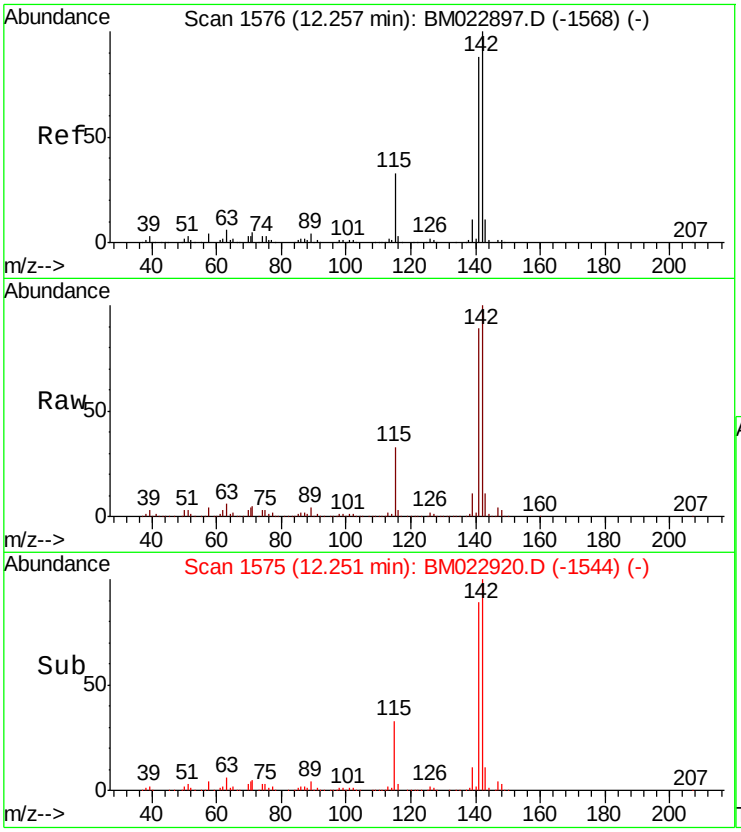


#28
Naphthalene
Concen: 44.494 ng/ul
RT: 10.64 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Tgt Ion:128 Resp: 2413502

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.2	10.2	15.4



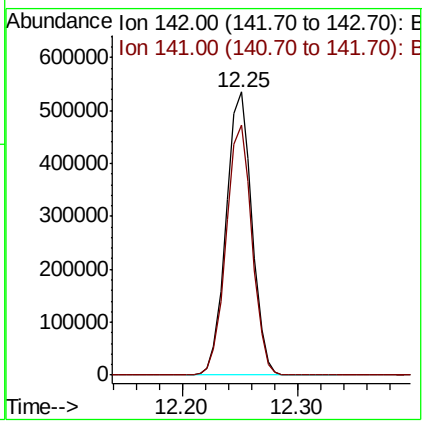


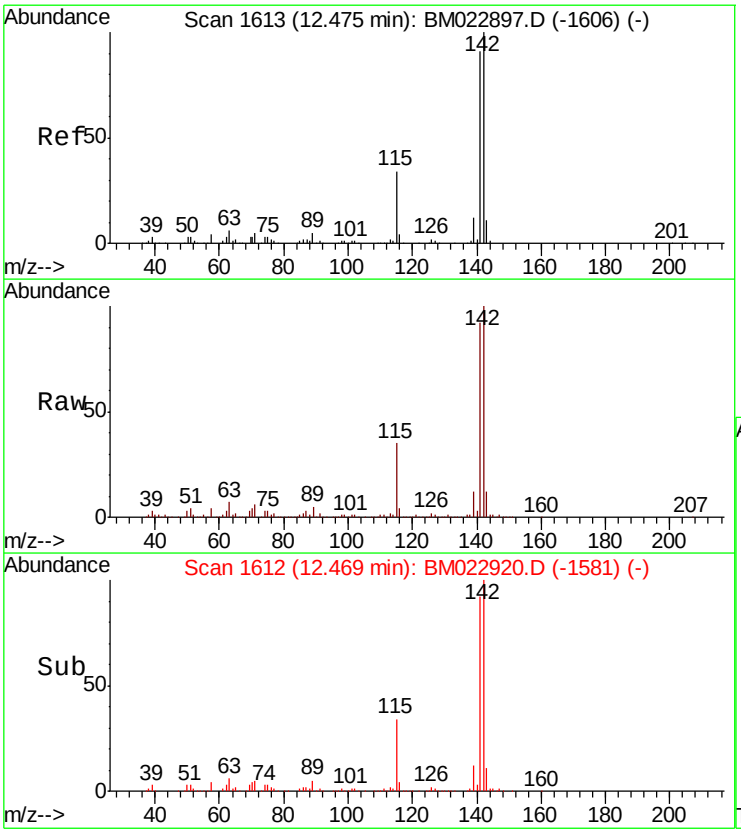
#34
2-Methylnaphthalene
Concen: 20.333 ng/ul
RT: 12.25 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 826953

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.2	106.8

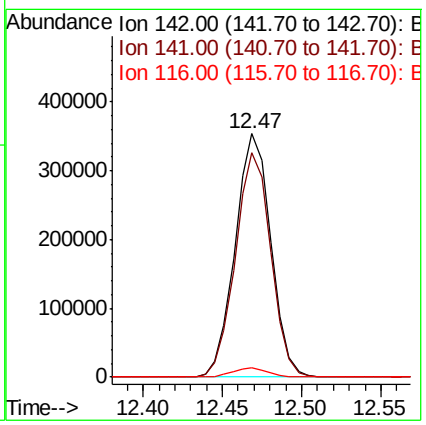


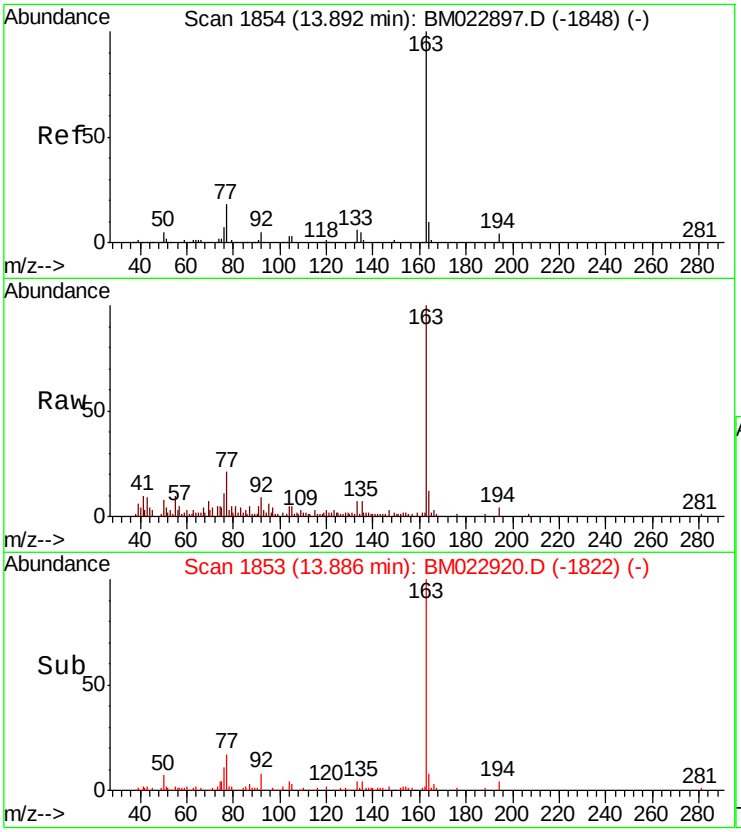


#35
1-Methylnaphthalene
Concen: 14.193 ng/ul
RT: 12.47 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Tgt Ion:142 Resp: 551279

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.0	109.6
116	3.8	2.9	4.3



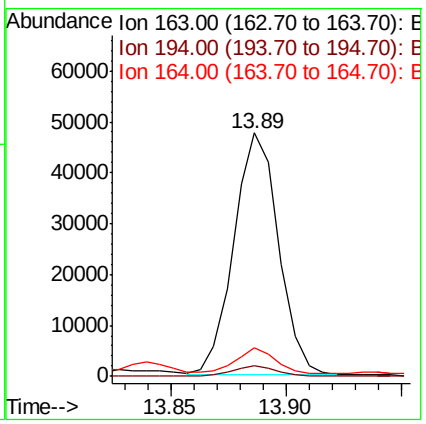


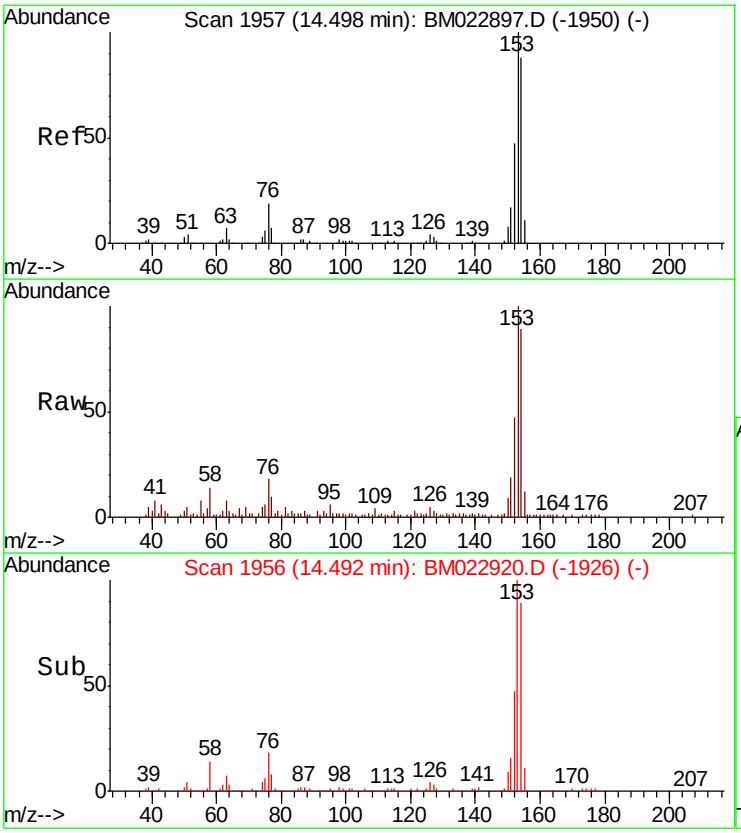
#45
Dimethylphthalate
Concen: 1.311 ng/ul
RT: 13.89 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 63957

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	11.5	8.1	12.1

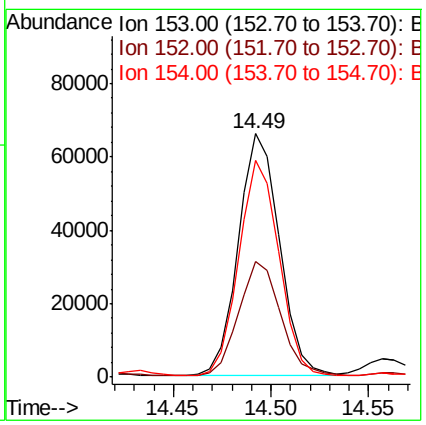


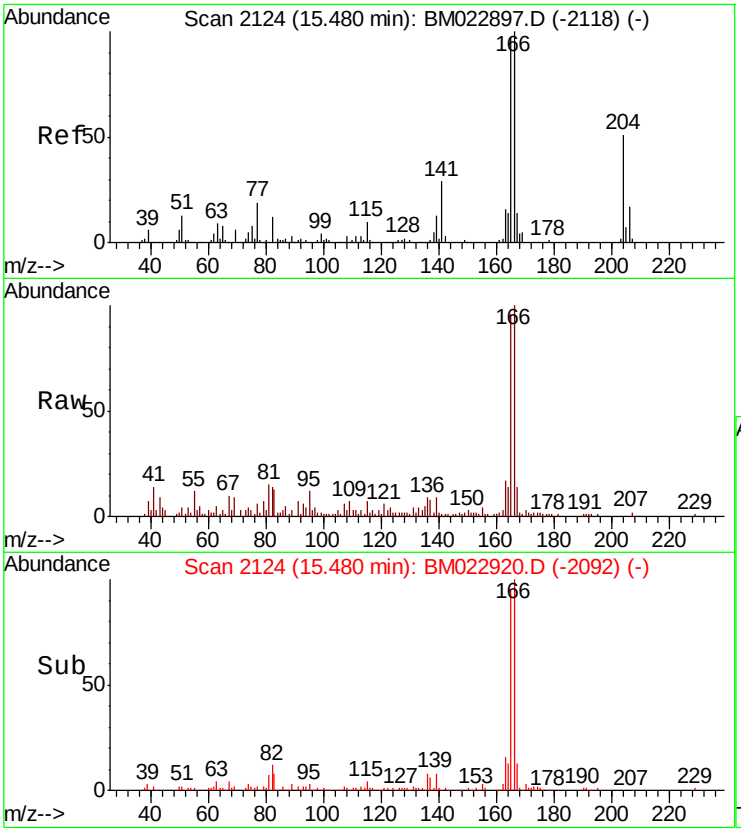


#50
Acenaphthene
Concen: 2.338 ng/ul
RT: 14.49 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Tgt Ion:153 Resp: 96432

Ion	Ratio	Lower	Upper
153	100		
152	47.4	38.1	57.1
154	88.8	71.1	106.7



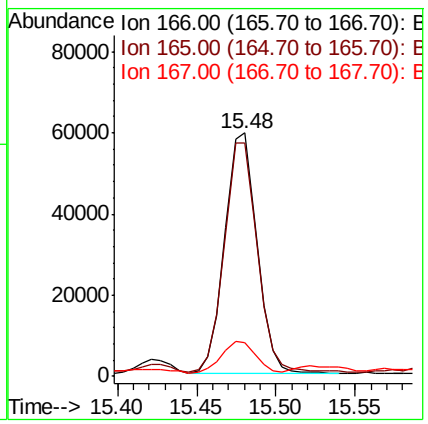


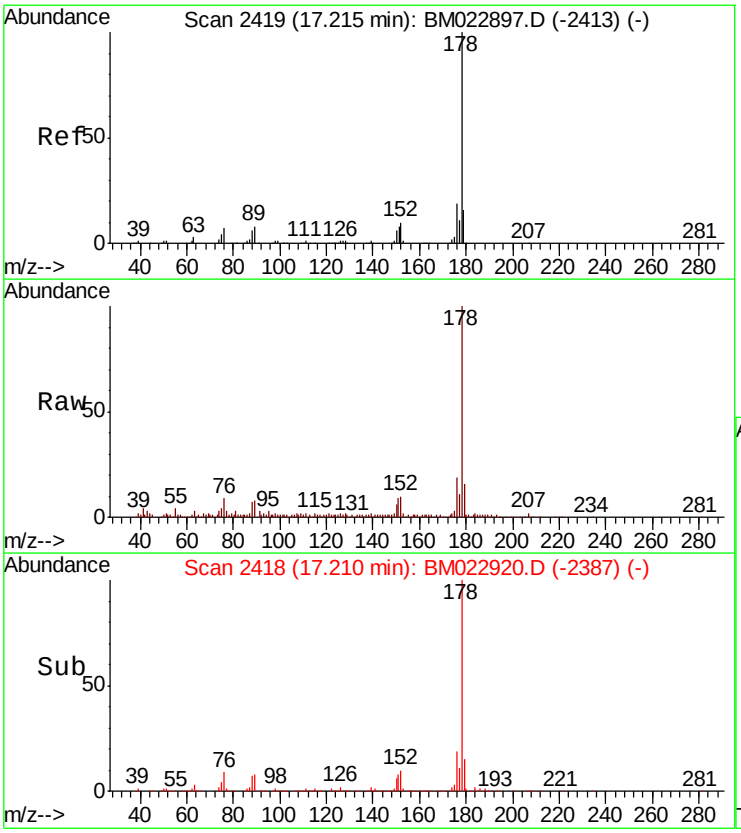
#59
Fluorene
Concen: 1.764 ng/ul
RT: 15.48 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 83980

Ion	Ratio	Lower	Upper
166	100		
165	95.7	77.7	116.5
167	13.6	11.0	16.4

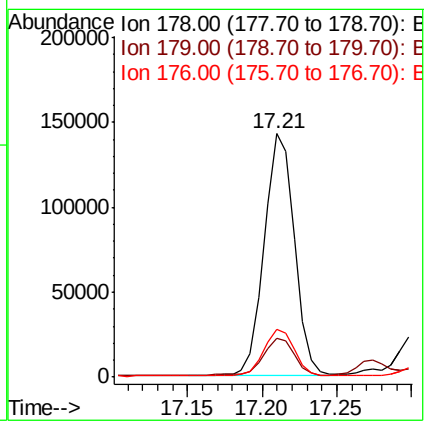


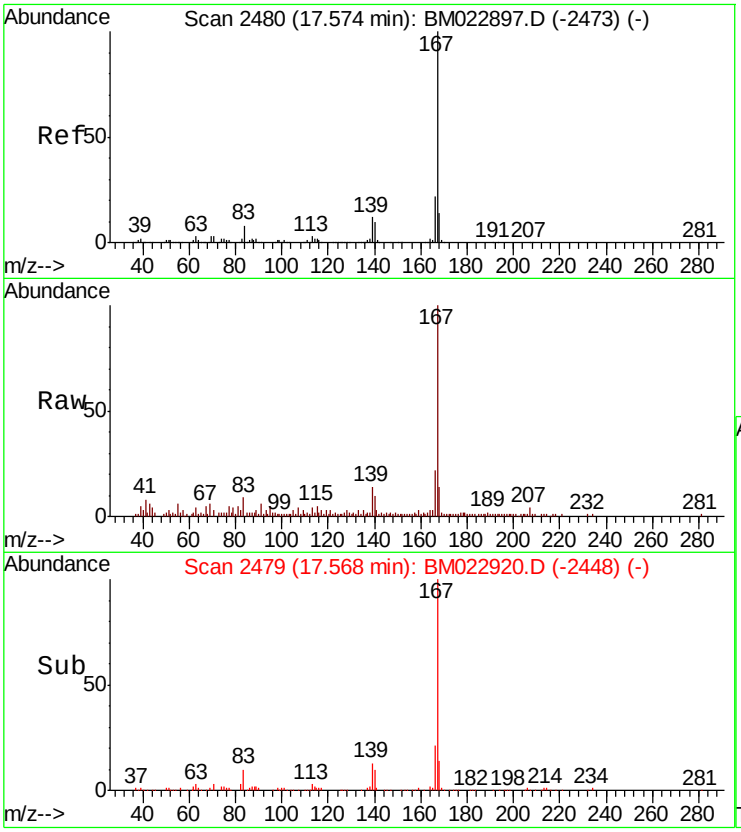


#70
Phenanthrene
Concen: 2.769 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Tgt Ion:178 Resp: 198286

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.4	18.6
176	19.4	15.3	22.9





#75
Carbazole
Concen: 1.463 ng/ul
RT: 17.57 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BM022920.D
Acq: 03 Oct 2019 15:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 94858

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	14.1	9.9	14.9