Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023440.D
Acq On : 29 Oct 2019 13:33
Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 29 18:04:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 25 07:44:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	454647	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.40	136	1841761	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.27	164	1124212	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	2273286	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	2330762	20.00	ng/ul	-0.01
86) Perylene-d12	23.41	264	2781400	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	56168	5.87	ng/uL	0.00
5) Phenol-d5	6.81	99	278556	7.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	604522	27.01	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.16	132	694475	23.27	ng/ul	-0.01
13) 4-Methylphenol-d8	8.33	113	466074	15.03	ng/ul	-0.02
19) Nitrobenzene-d5	8.77	128	399352	28.80	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	439126	28.55	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.03	165	773160	25.57	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.53	131	26331	0.76	ng/ul	-0.03
44) Dimethylphthalate-d6	13.69	166	2445287	28.64	ng/ul	-0.01
47) Acenaphthylene-d8	13.96	160	2842734	29.07	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.50	143	93943	6.35	ng/ul	0.00
58) Fluorene-d10	15.27	176	2075225	28.70	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.40	200	323751	22.88	ng/ul	-0.01
71) Anthracene-d10	17.12	188	3245613	30.21	ng/ul	-0.02
79) Pyrene-d10	19.42	212	3501467	27.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	4188784	29.56	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	60799	5.969	ng/uL	98
4) Benzaldehyde	6.77	77	45806	2.084	ng/ul#	21
6) Phenol	6.83	94	46123	1.173	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.06	93	457641	14.926	ng/ul	99
10) 2-Chlorophenol	7.19	128	64091	2.049	ng/ul	91
14) Acetophenone	8.43	105	110590	2.282	ng/ul#	42
28) Naphthalene	10.45	128	123683	1.310	ng/ul	98
35) 1-Methylnaphthalene	12.30	142	133866	1.924	ng/ul	98
43) 2-Nitroaniline	13.33	65	28193	1.519	ng/ul#	14
45) Dimethylphthalate	13.74	163	226856	2.647	ng/ul#	98
65) N-Nitrosodiphenylamine	15.54	169	712006	9.929	ng/ul	100

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

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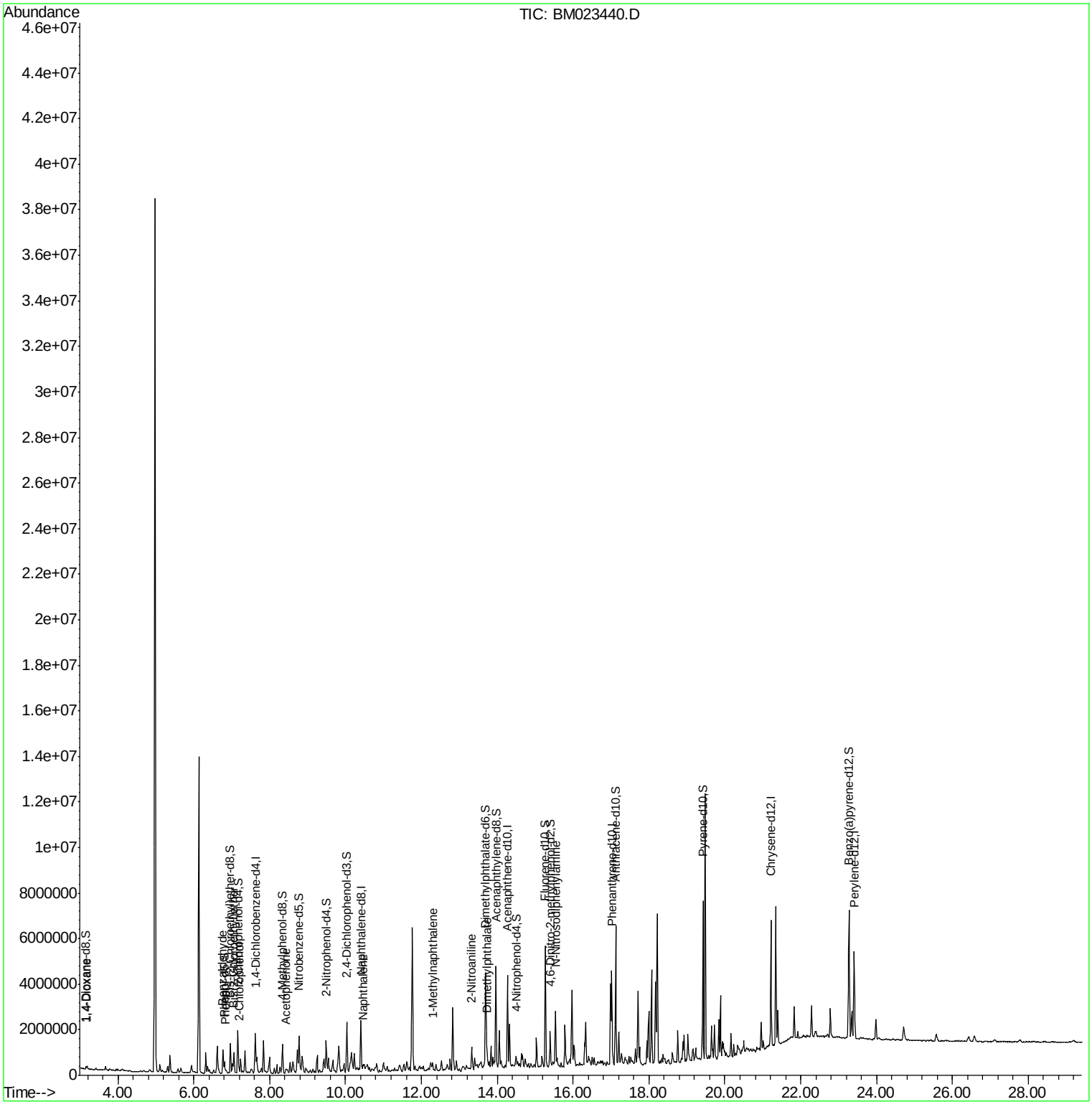
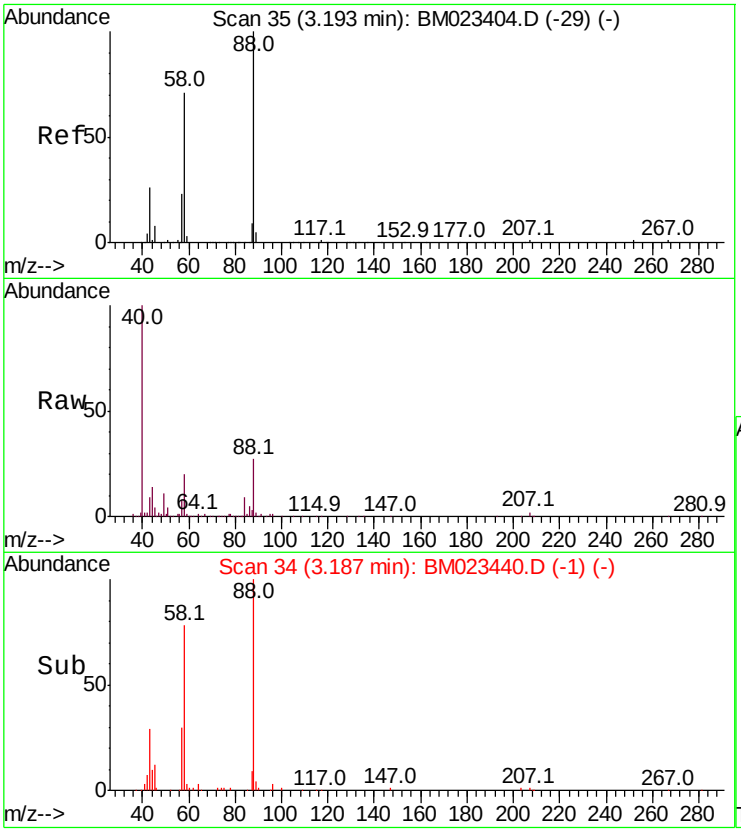
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 29 18:04:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 25 07:44:12 2019
Response via : Initial Calibration



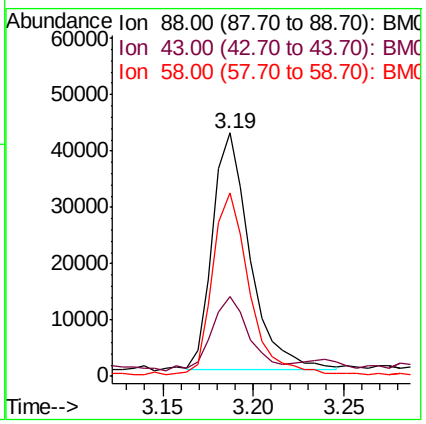


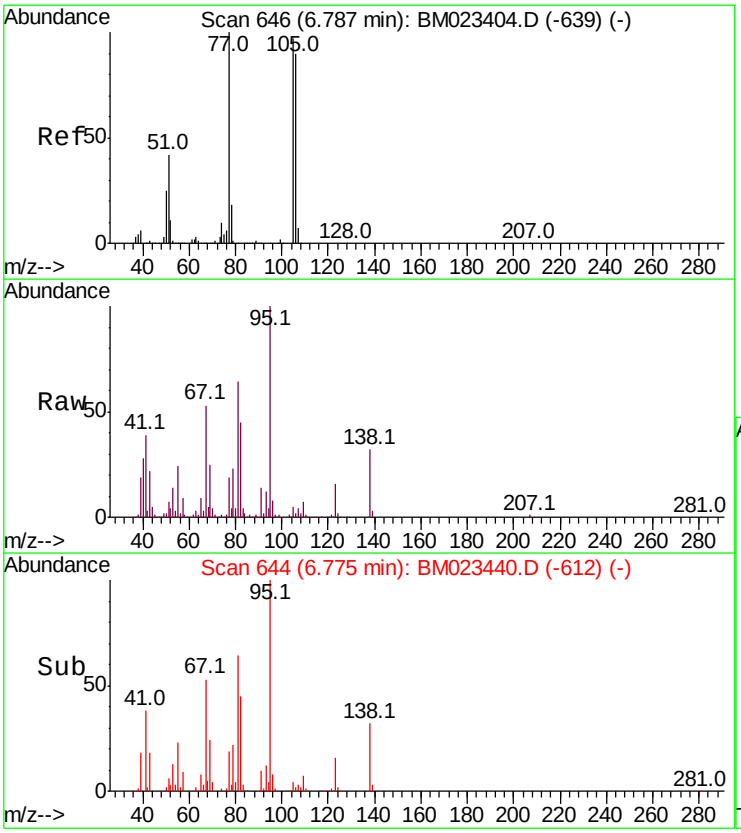
#2
1,4-Dioxane
Concen: 5.969 ng/uL
RT: 3.19 min Scan# 34
Delta R.T. -0.01 min
Lab File: BM023440.D
Acq: 29 Oct 2019 13:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 60799

Ion	Ratio	Lower	Upper
88	100		
43	32.7	26.3	39.5
58	75.1	58.0	87.0

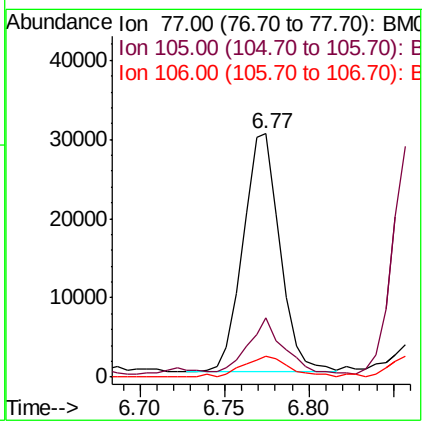


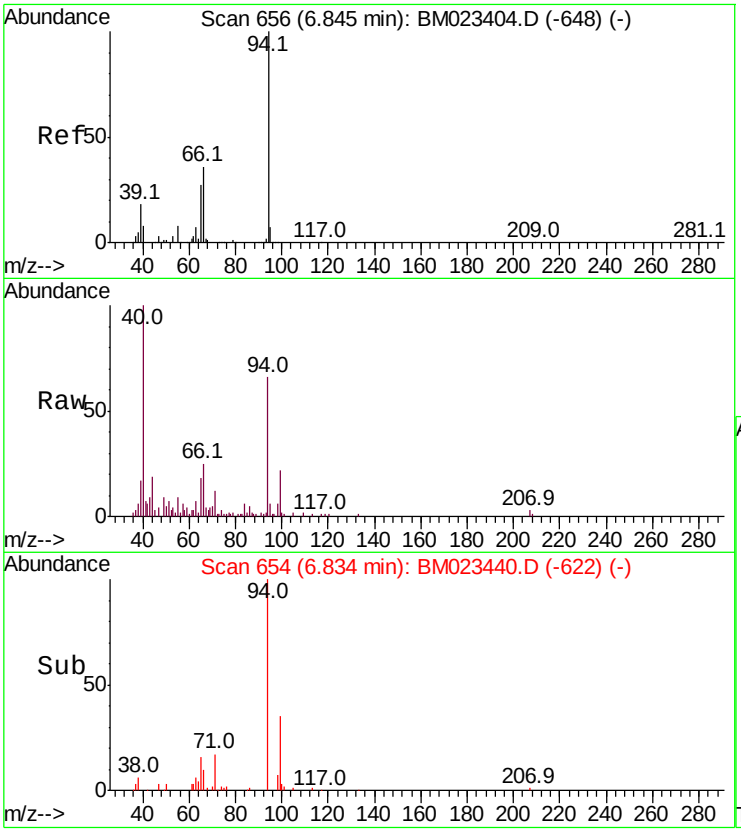


#4
Benzaldehyde
Concen: 2.084 ng/ul
RT: 6.77 min Scan# 644
Delta R.T. -0.01 min
Lab File: BM023440.D
Acq: 29 Oct 2019 13:33

Tgt Ion: 77 Resp: 45806

Ion	Ratio	Lower	Upper
77	100		
105	24.1	75.4	113.2#
106	8.7	71.3	106.9#



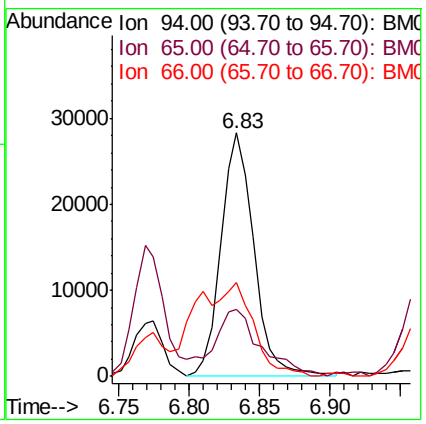


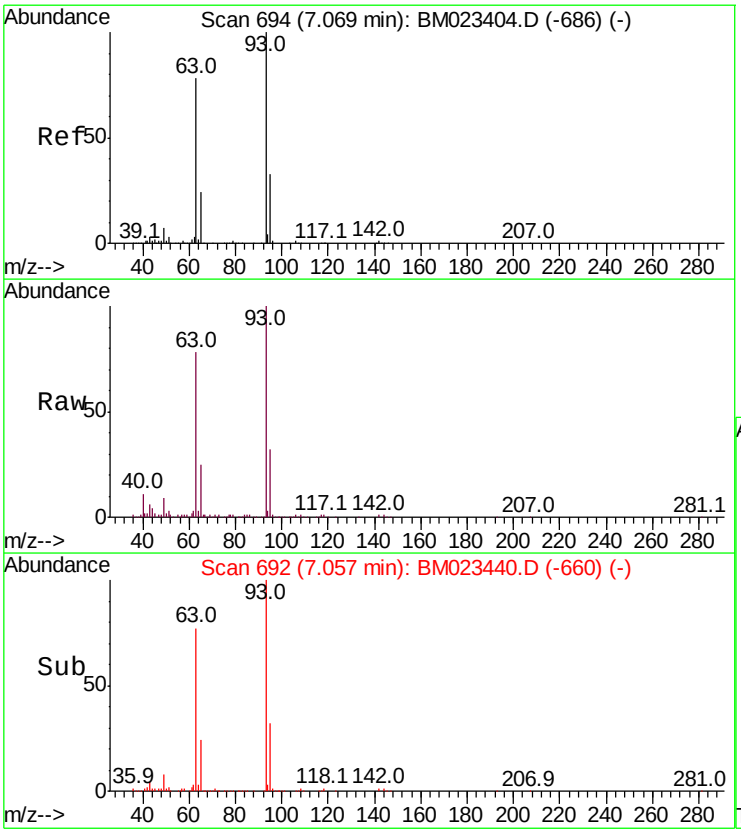
#6
Phenol
Concen: 1.173 ng/ul
RT: 6.83 min Scan# 654
Delta R.T. -0.01 min
Lab File: BM023440.D
Acq: 29 Oct 2019 13:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 46123

Ion	Ratio	Lower	Upper
94	100		
65	27.4	22.9	34.3
66	38.7	31.4	47.2

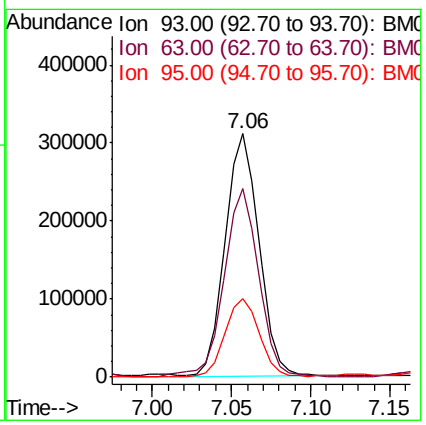


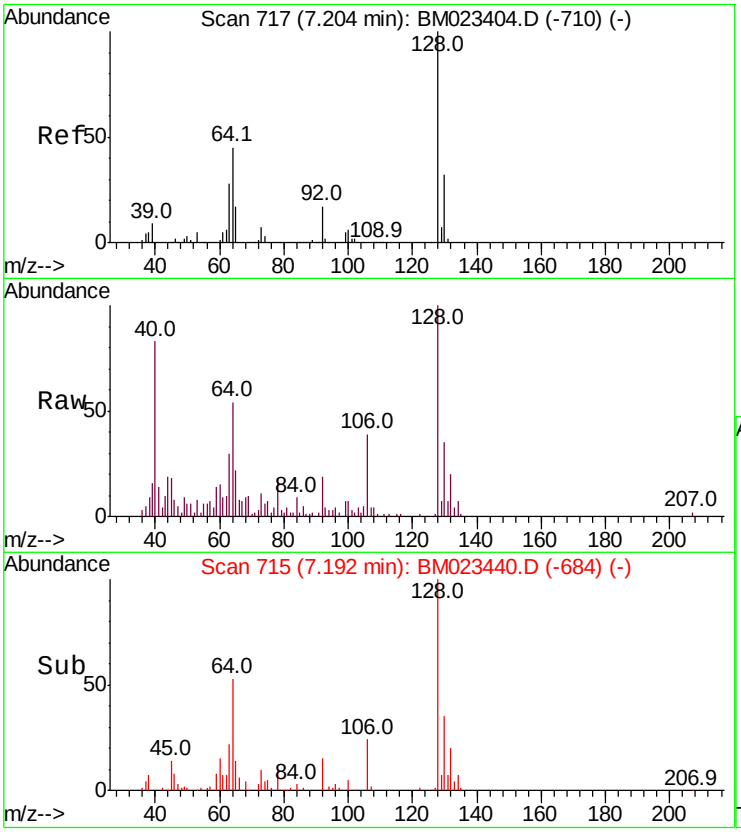


#8
Bis(2-Chloroethyl)ether
Concen: 14.926 ng/ul
RT: 7.06 min Scan# 692
Delta R.T. -0.01 min
Lab File: BM023440.D
Acq: 29 Oct 2019 13:33

Tgt Ion: 93 Resp: 457641

Ion	Ratio	Lower	Upper
93	100		
63	77.6	61.4	92.0
95	32.2	26.1	39.1



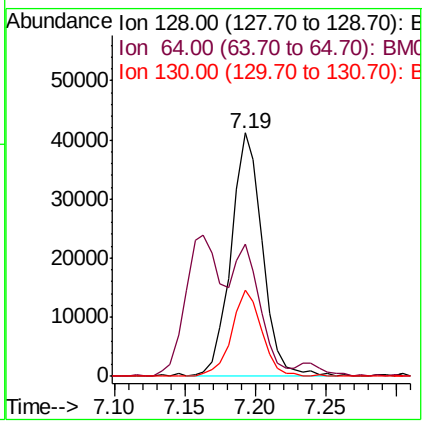


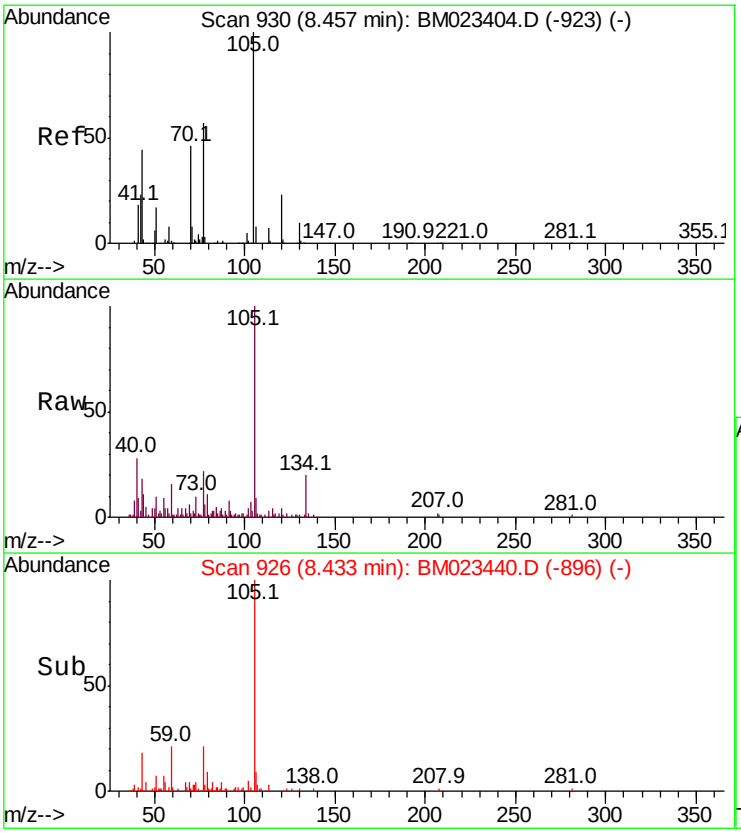
#10
2-Chlorophenol
Concen: 2.049 ng/ul
RT: 7.19 min Scan# 715
Delta R.T. -0.02 min
Lab File: BM023440.D
Acq: 29 Oct 2019 13:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 64091

Ion	Ratio	Lower	Upper
128	100		
64	54.1	37.3	55.9
130	35.5	26.0	39.0

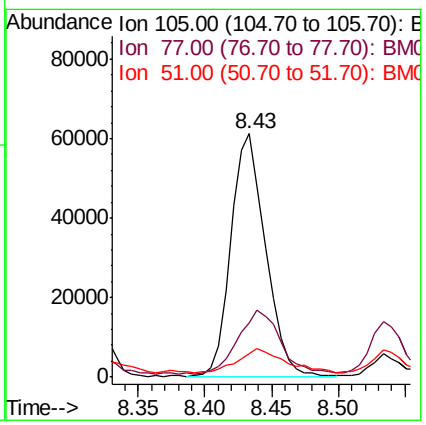


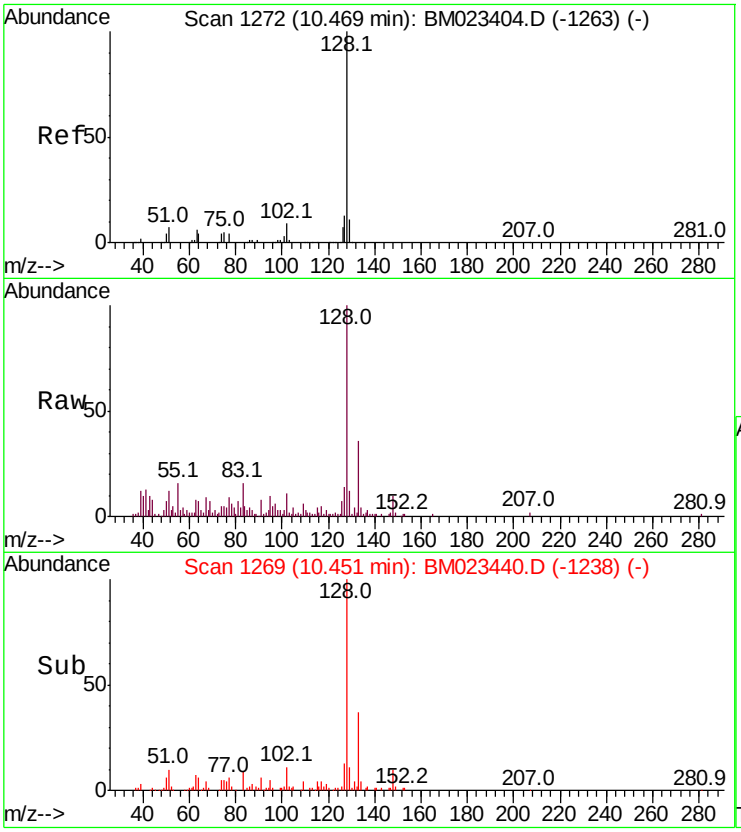


#14
Acetophenone
Concen: 2.282 ng/ul
RT: 8.43 min Scan# 926
Delta R.T. -0.02 min
Lab File: BM023440.D
Acq: 29 Oct 2019 13:33

Tgt Ion:105 Resp: 110590

Ion	Ratio	Lower	Upper
105	100		
77	22.3	64.8	97.2#
51	9.7	21.3	31.9#



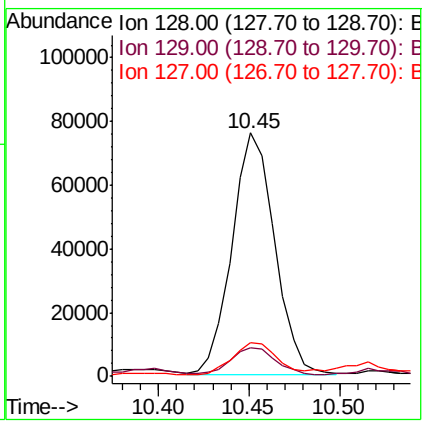


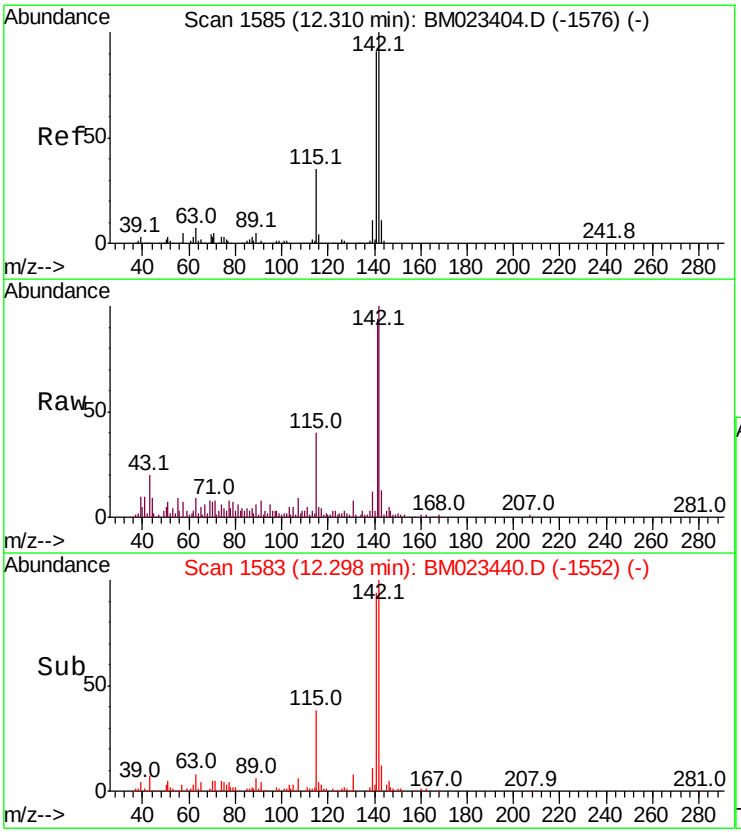
#28
Naphthalene
Concen: 1.310 ng/ul
RT: 10.45 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BM023440.D
Acq: 29 Oct 2019 13:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 123683

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	13.8	10.4	15.6

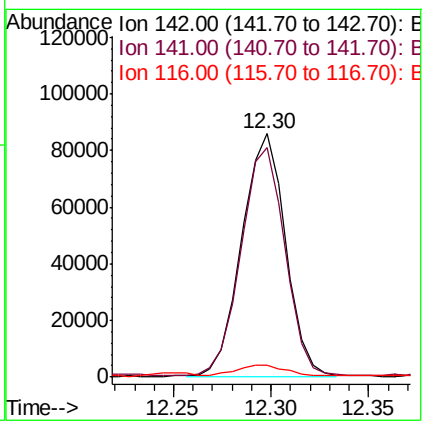


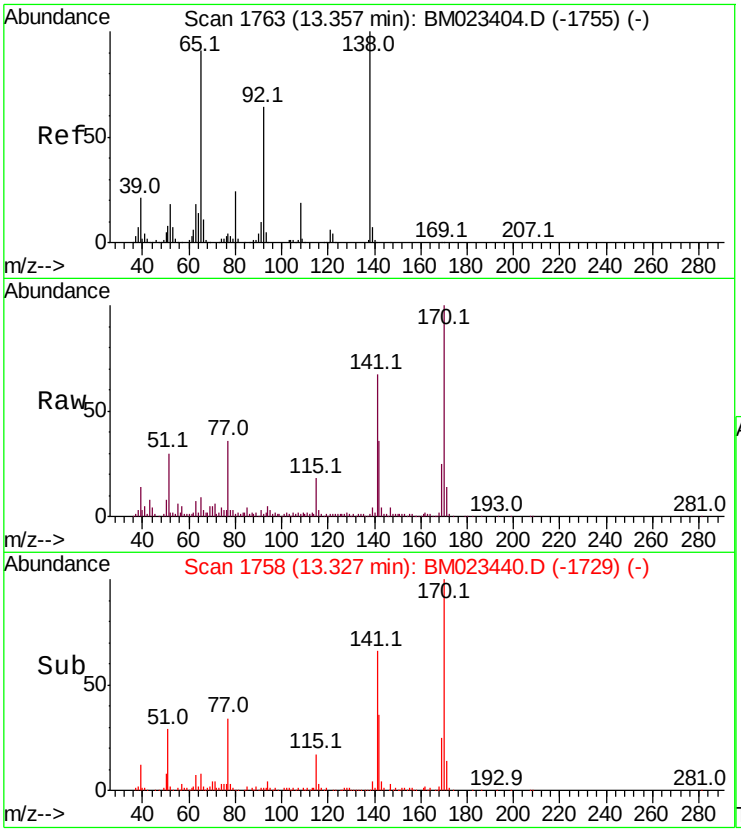


#35
1-Methylnaphthalene
Concen: 1.924 ng/ul
RT: 12.30 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BM023440.D
Acq: 29 Oct 2019 13:33

Tgt Ion:142 Resp: 133866

Ion	Ratio	Lower	Upper
142	100		
141	94.4	73.6	110.4
116	4.8	3.3	4.9



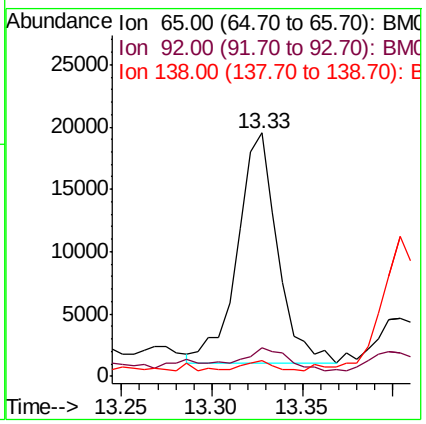


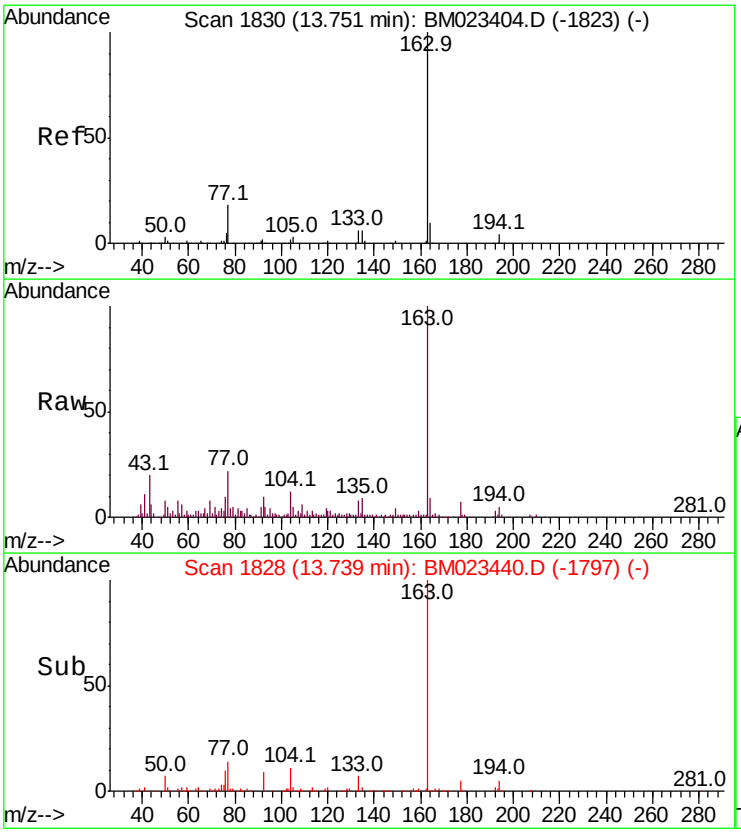
#43
2-Nitroaniline
Concen: 1.519 ng/ul
RT: 13.33 min Scan# 1758
Delta R.T. -0.03 min
Lab File: BM023440.D
Acq: 29 Oct 2019 13:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 65 Resp: 28193

Ion	Ratio	Lower	Upper
65	100		
92	11.9	56.1	84.1#
138	6.6	83.8	125.6#

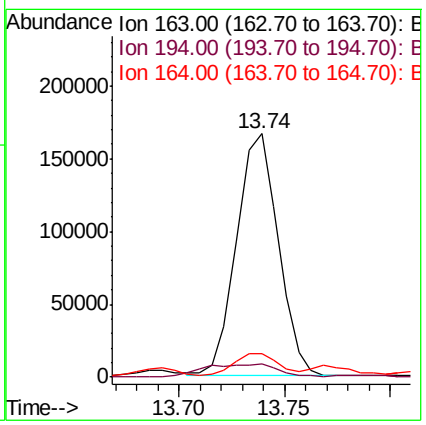


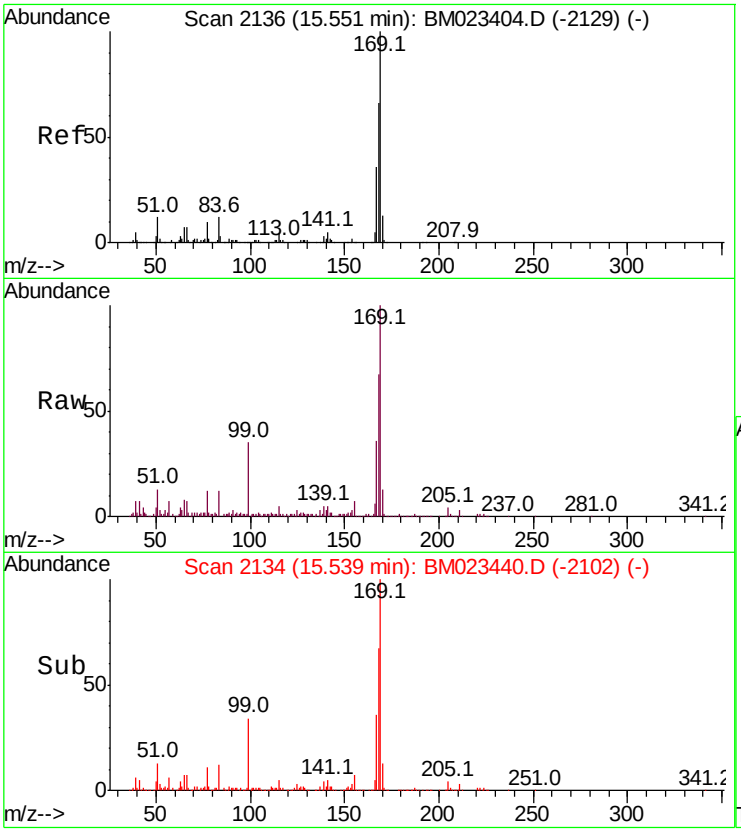


#45
Dimethylphthalate
Concen: 2.647 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BM023440.D
Acq: 29 Oct 2019 13:33

Tgt Ion:163 Resp: 226856

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.3	4.9#
164	9.4	7.9	11.9





#65
N-Nitrosodiphenylamine
Concen: 9.929 ng/ul
RT: 15.54 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM023440.D
Acq: 29 Oct 2019 13:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:169 Resp: 712006

Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.6	80.4
167	36.0	29.0	43.4