Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091920\
Data File : BM027474.D
Acq On : 18 Sep 2020 22:38
Operator : JU/CG
Sample : L4046-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0Q1

Quant Time: Sep 19 00:31:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 19 00:24:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	118197	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	459522	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	318702	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	684236	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	680907	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	705236	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	24888	9.37	ng/uL	0.00
5) Phenol-d5	6.72	99	99792	10.24	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.85	67	236186	36.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	253054	35.47	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	164447	20.70	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	141187	40.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	173175	45.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	325793	39.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	42123	4.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	1080342	42.60	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1329390	46.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	408	0.09	ng/ul	0.00
58) Fluorene-d10	15.15	176	934188	41.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	177154	40.45	ng/ul	0.00
71) Anthracene-d10	16.99	188	1475771	45.61	ng/ul	0.00
79) Pyrene-d10	19.30	212	1596862	52.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	1711383	45.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	28509	8.967	ng/uL	96
4) Benzaldehyde	6.66	77	12733	1.813	ng/ul#	1
6) Phenol	6.75	94	60195	5.814	ng/ul#	27
8) Bis(2-Chloroethyl)ether	6.94	93	39915	4.800	ng/ul	97
11) 2-Methylphenol	7.98	108	9657	1.264	ng/ul	89
14) Acetophenone	8.30	105	82862	6.213	ng/ul#	33
15) N-Nitroso-di-n-propylamine	8.35	70	31643	4.147	ng/ul#	84
16) 4-Methylphenol	8.28	108	22530	2.701	ng/ul	94
20) Nitrobenzene	8.67	77	19544	1.730	ng/ul#	38
21) Isophorone	9.22	82	39228	2.046	ng/ul#	78
24) 2,4-Dimethylphenol	9.48	107	216766	22.984	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.70	93	283598	26.034	ng/ul#	1
28) Naphthalene	10.32	128	225442	9.233	ng/ul	99
32) Caprolactam	11.19	113	3936	1.527	ng/ul#	1
34) 2-Methylnaphthalene	11.94	142	18957	1.027	ng/ul	94
35) 1-Methylnaphthalene	12.16	142	31481	1.714	ng/ul#	55
45) Dimethylphthalate	13.62	163	47826	1.790	ng/ul#	93
57) Diethylphthalate	15.00	149	324990	11.662	ng/ul	97
68) Atrazine	16.39	200	20490	2.451	ng/ul#	43

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

Quantitation Report (Not Reviewed)

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Instrument :
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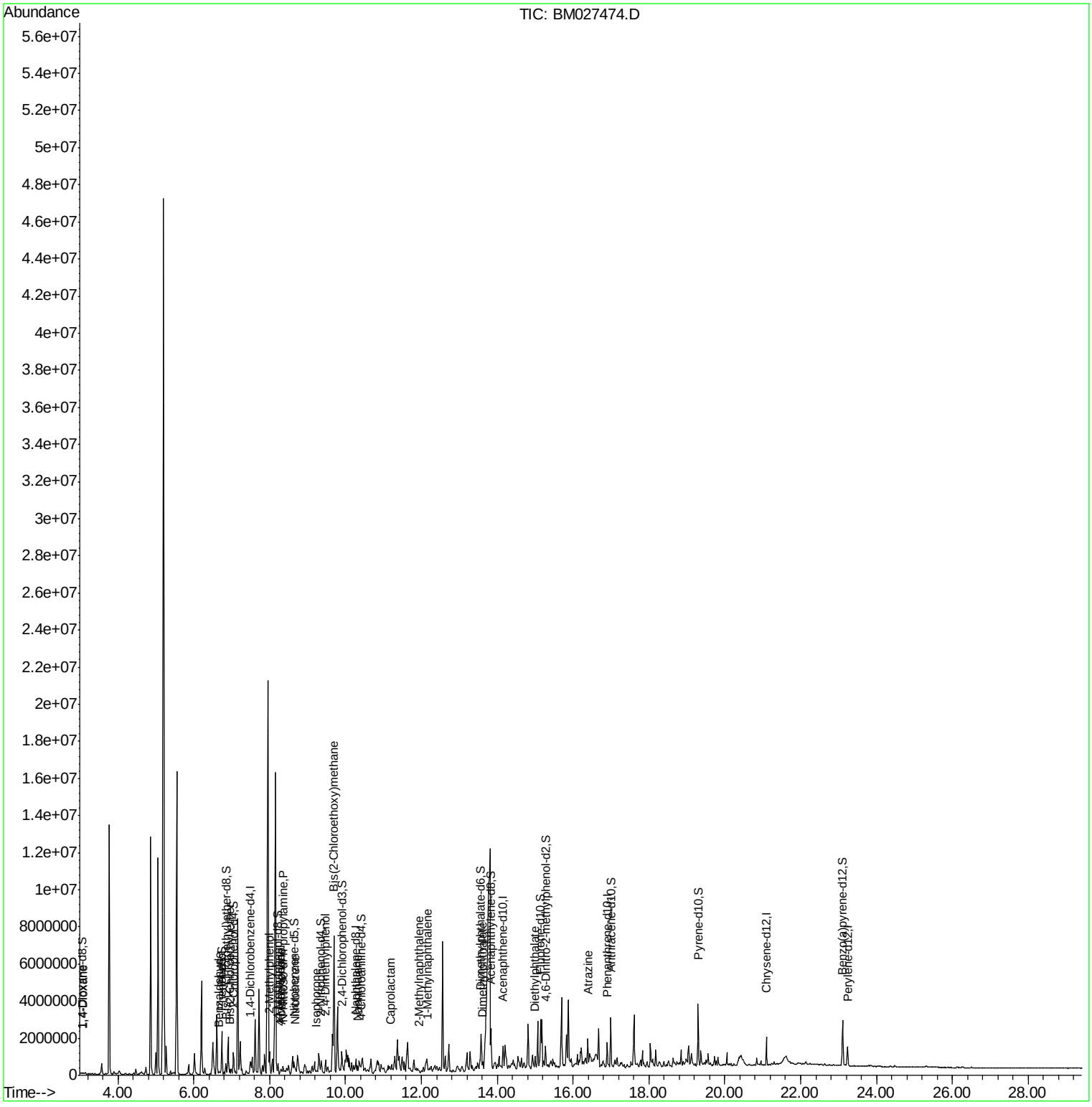
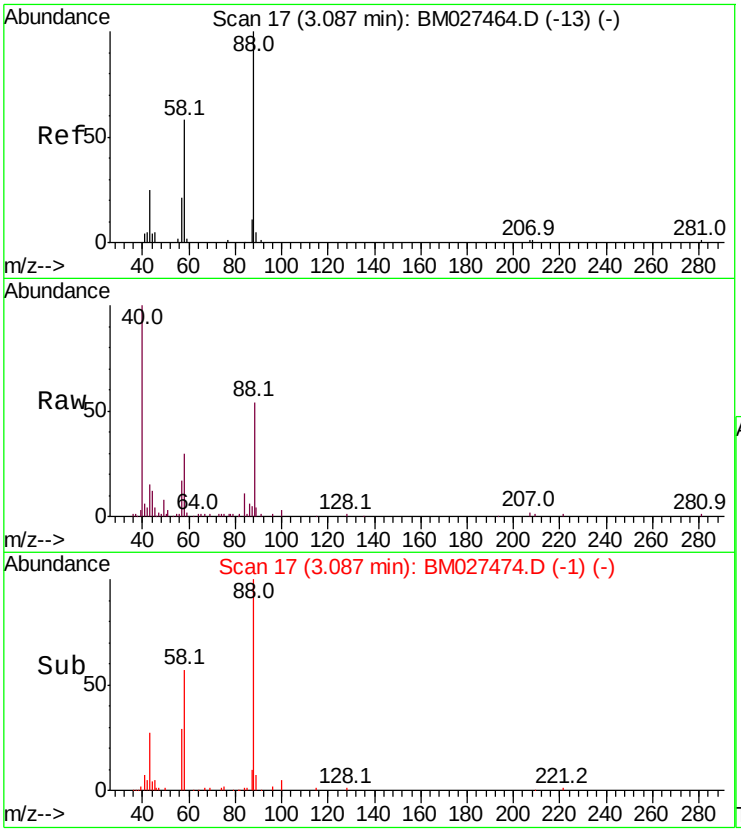
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 19 00:24:00 2020
Response via : Initial Calibration



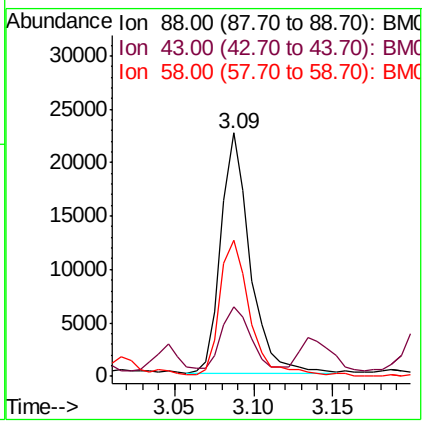


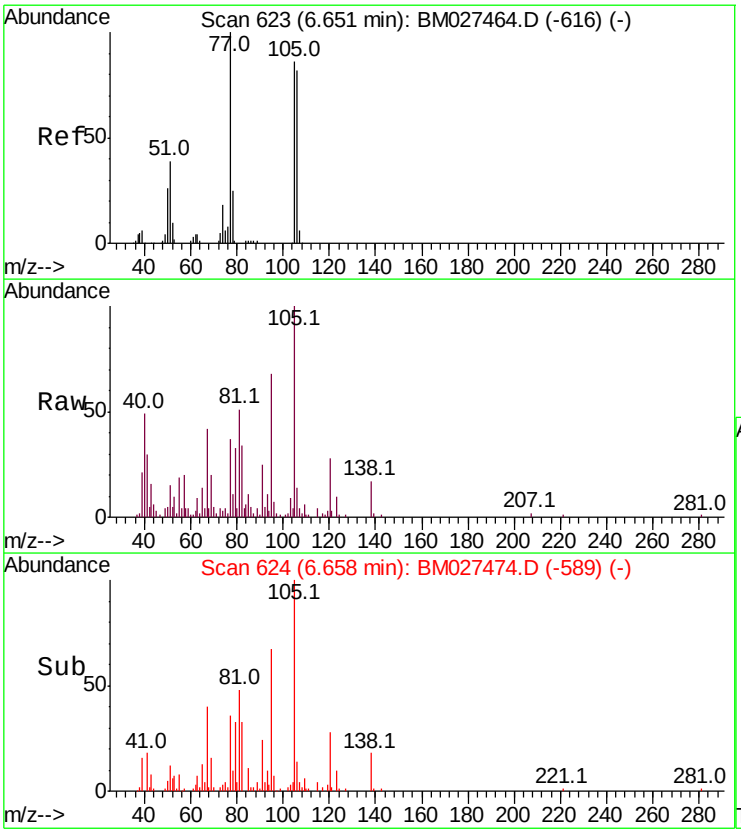
#2
1,4-Dioxane
Concen: 8.967 ng/uL
RT: 3.09 min Scan# 17
Delta R.T. 0.00 min
Lab File: BM027474.D
Acq: 18 Sep 2020 22:38

Instrument :
BNA_M
ClientSampleId :
BG0Q1

Tgt Ion: 88 Resp: 28509

Ion	Ratio	Lower	Upper
88	100		
43	28.7	21.7	32.5
58	56.1	47.4	71.0

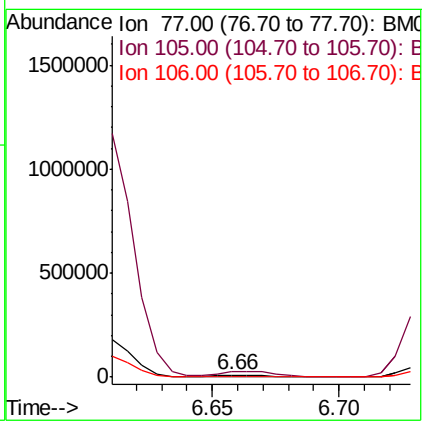


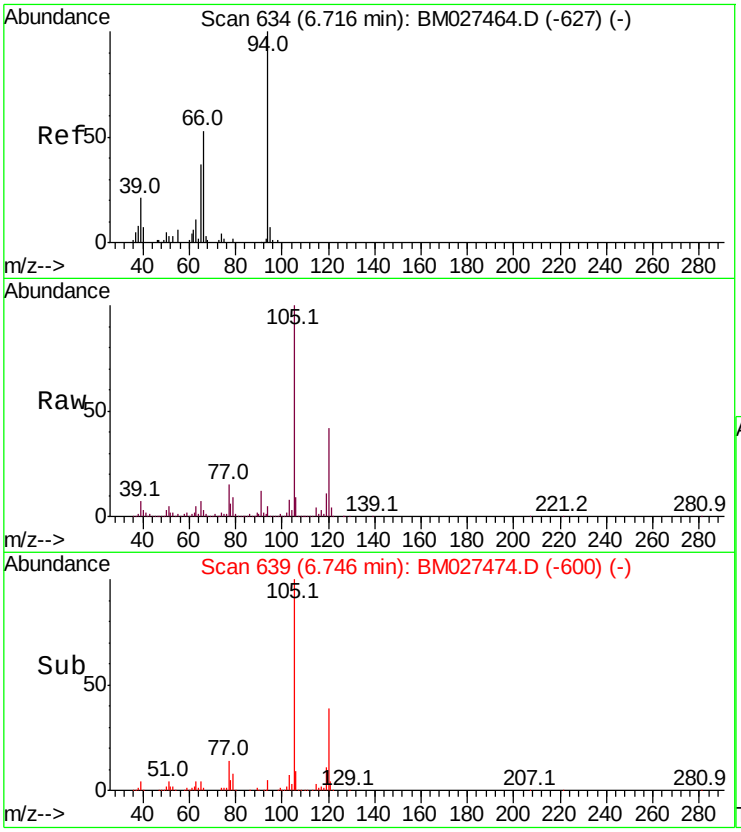


#4
Benzaldehyde
Concen: 1.813 ng/ul
RT: 6.66 min Scan# 624
Delta R.T. 0.01 min
Lab File: BM027474.D
Acq: 18 Sep 2020 22:38

Tgt Ion: 77 Resp: 12733

Ion	Ratio	Lower	Upper
77	100		
105	271.9	64.9	97.3#
106	37.8	62.8	94.2#



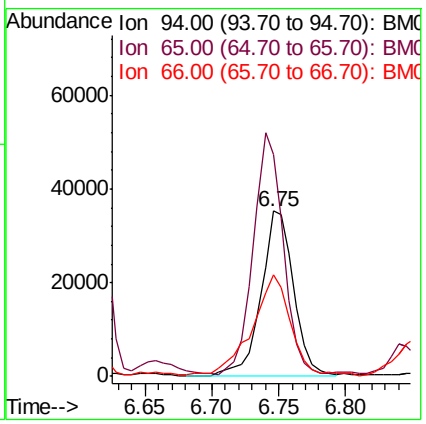


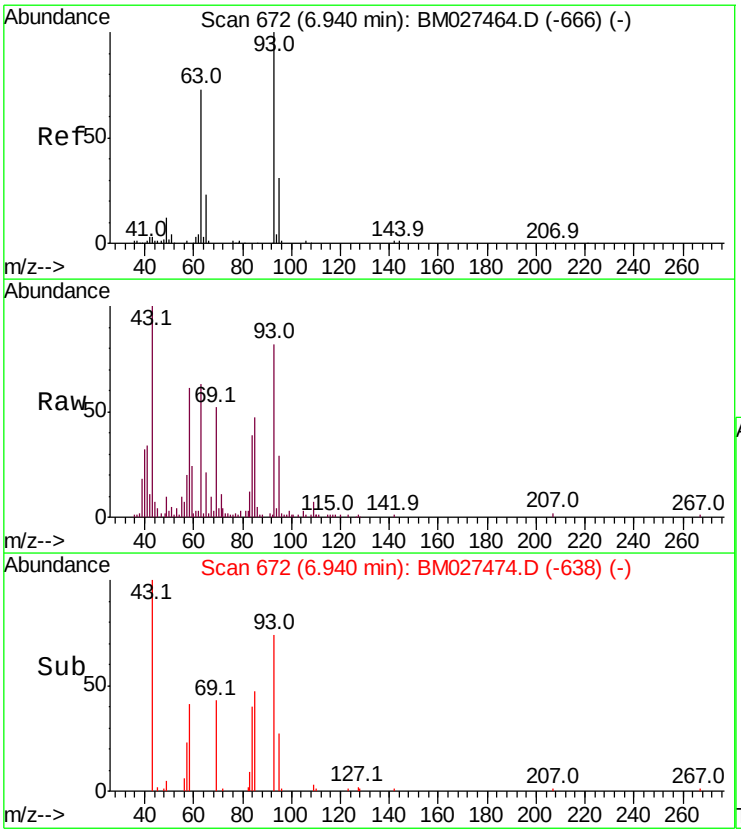
#6
Phenol
Concen: 5.814 ng/ul
RT: 6.75 min Scan# 639
Delta R.T. 0.03 min
Lab File: BM027474.D
Acq: 18 Sep 2020 22:38

Instrument :
BNA_M
ClientSampleId :
BG0Q1

Tgt Ion: 94 Resp: 60195

Ion	Ratio	Lower	Upper
94	100		
65	133.9	30.2	45.4#
66	61.2	42.4	63.6

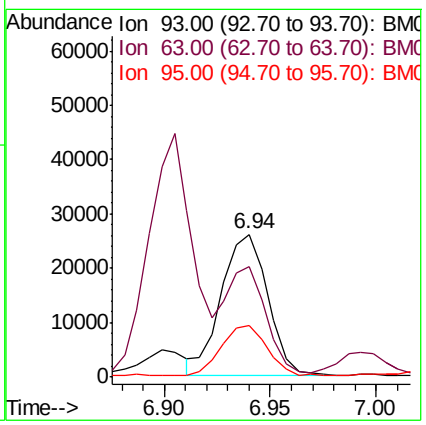


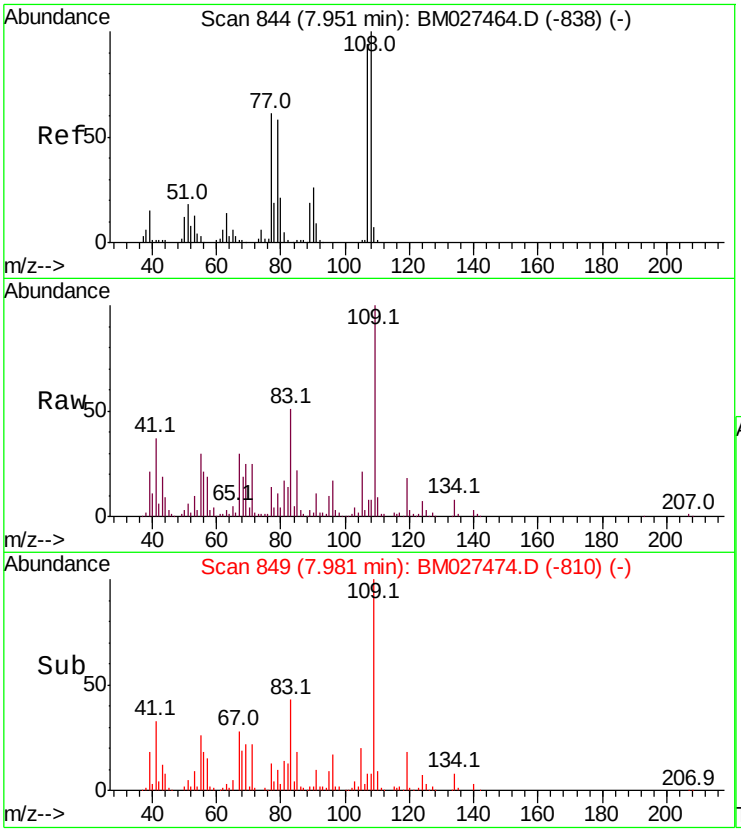


#8
Bis(2-Chloroethyl)ether
Concen: 4.800 ng/ul
RT: 6.94 min Scan# 672
Delta R.T. 0.00 min
Lab File: BM027474.D
Acq: 18 Sep 2020 22:38

Tgt Ion: 93 Resp: 39915

Ion	Ratio	Lower	Upper
93	100		
63	76.9	60.6	90.8
95	35.8	25.0	37.4



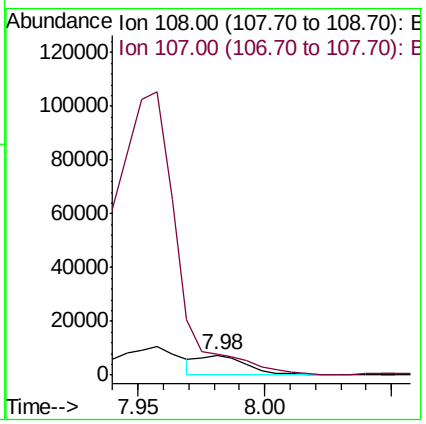


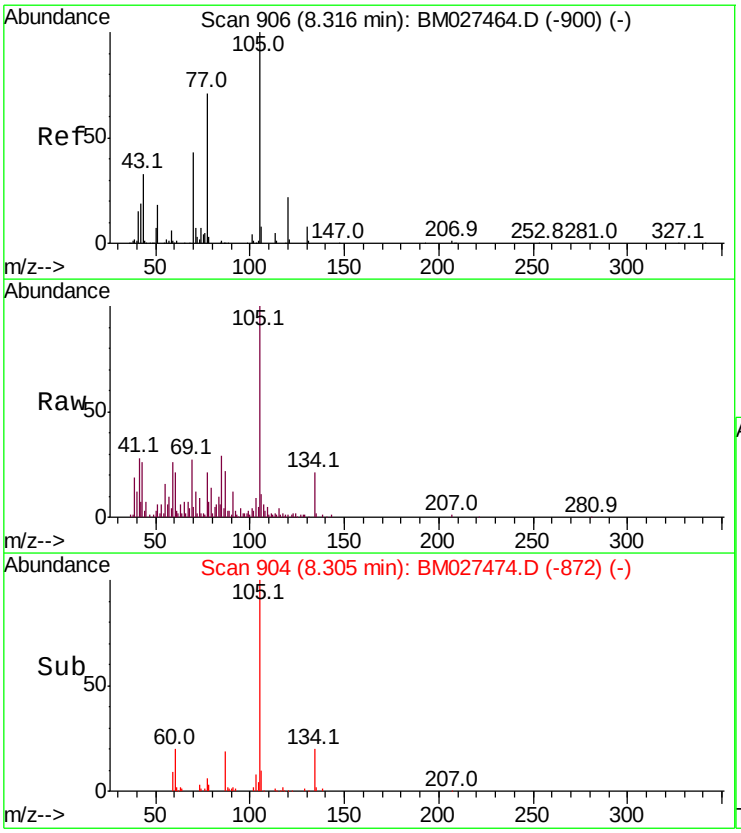
#11
2-Methylphenol
Concen: 1.264 ng/ul
RT: 7.98 min Scan# 849
Delta R.T. 0.03 min
Lab File: BM027474.D
Acq: 18 Sep 2020 22:38

Instrument :
BNA_M
ClientSampleId :
BG0Q1

Tgt Ion:108 Resp: 9657

Ion	Ratio	Lower	Upper
108	100		
107	103.2	74.4	111.6

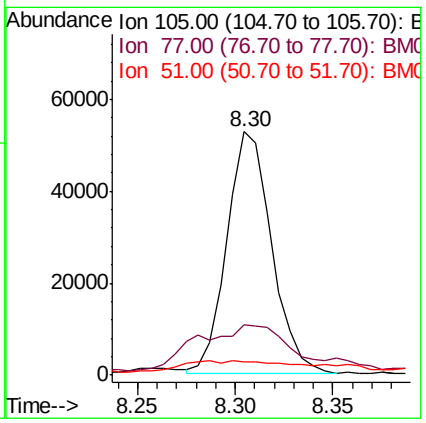


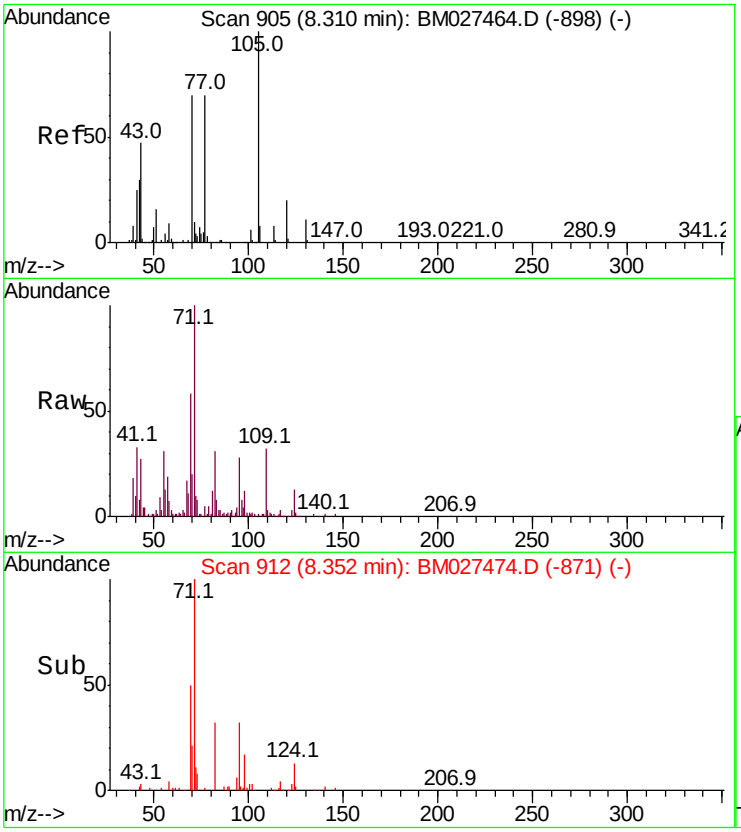


#14
Acetophenone
Concen: 6.213 ng/ul
RT: 8.30 min Scan# 904
Delta R.T. -0.01 min
Lab File: BM027474.D
Acq: 18 Sep 2020 22:38

Tgt Ion:105 Resp: 82862

Ion	Ratio	Lower	Upper
105	100		
77	20.8	74.4	111.6#
51	5.6	19.2	28.8#



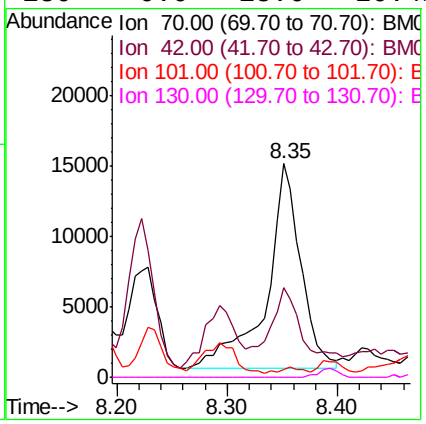


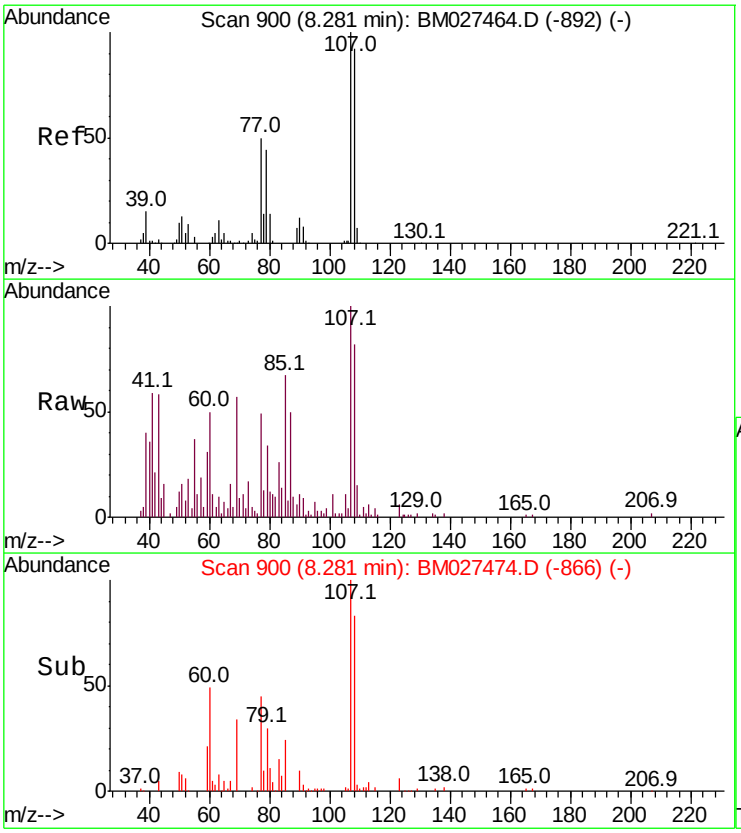
#15
N-Nitroso-di-n-propylamine
Concen: 4.147 ng/ul
RT: 8.35 min Scan# 912
Delta R.T. 0.04 min
Lab File: BM027474.D
Acq: 18 Sep 2020 22:38

Instrument :
BNA_M
ClientSampleId :
BG0Q1

Tgt Ion: 70 Resp: 31643

Ion	Ratio	Lower	Upper
70	100		
42	42.0	31.0	46.4
101	3.4	7.0	10.6#
130	0.0	13.6	20.4#

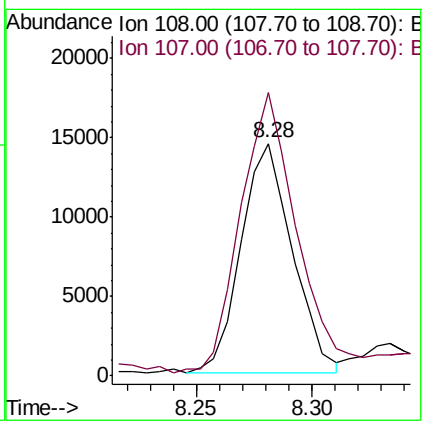


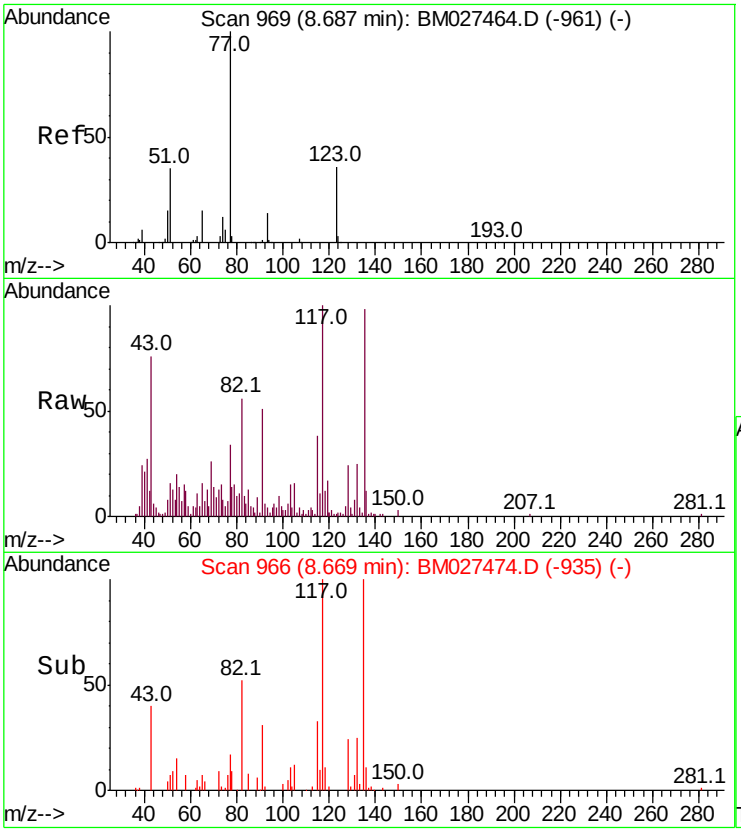


#16
4-Methylphenol
Concen: 2.701 ng/ul
RT: 8.28 min Scan# 900
Delta R.T. 0.00 min
Lab File: BM027474.D
Acq: 18 Sep 2020 22:38

Tgt Ion:108 Resp: 22530

Ion	Ratio	Lower	Upper
108	100		
107	121.9	92.1	138.1



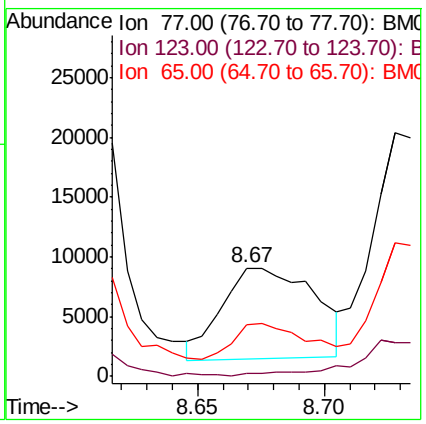


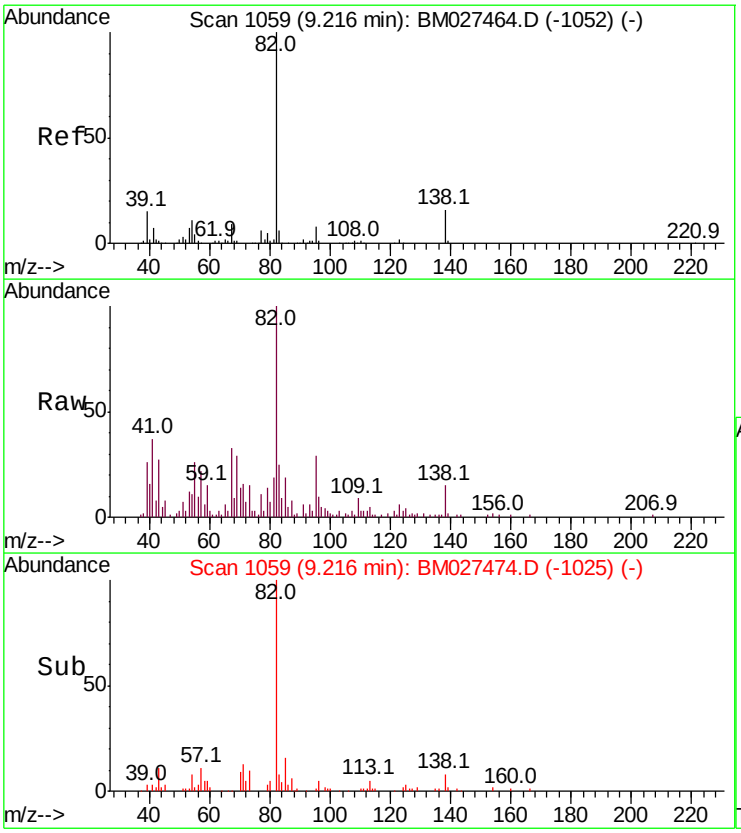
#20
Nitrobenzene
Concen: 1.730 ng/ul
RT: 8.67 min Scan# 966
Delta R.T. -0.02 min
Lab File: BM027474.D
Acq: 18 Sep 2020 22:38

Instrument :
BNA_M
ClientSampleId :
BG0Q1

Tgt Ion: 77 Resp: 19544

Ion	Ratio	Lower	Upper
77	100		
123	3.0	27.2	40.8#
65	48.2	11.8	17.6#

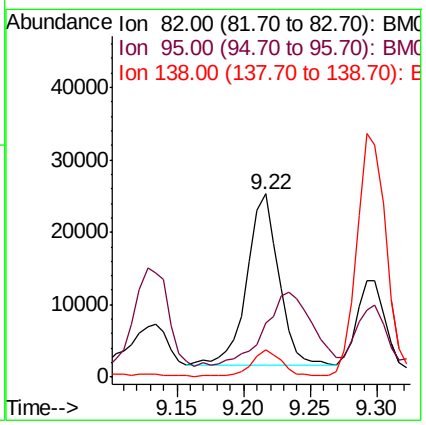


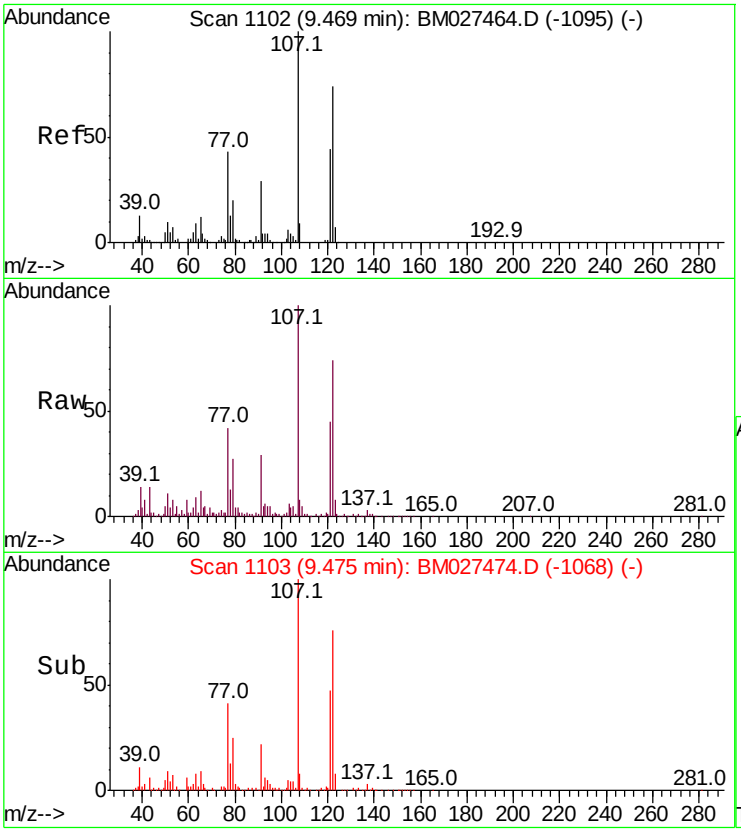


#21
Isophorone
Concen: 2.046 ng/ul
RT: 9.22 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BM027474.D
Acq: 18 Sep 2020 22:38

Tgt Ion: 82 Resp: 39228

Ion	Ratio	Lower	Upper
82	100		
95	29.4	6.5	9.7#
138	14.6	12.6	18.8



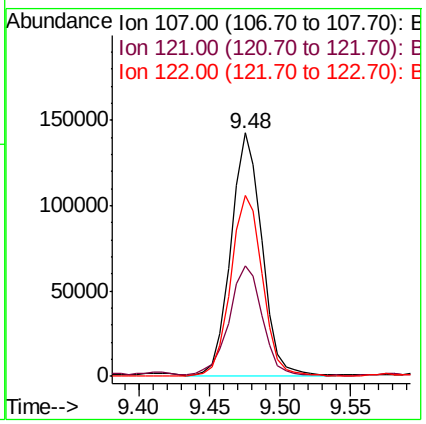


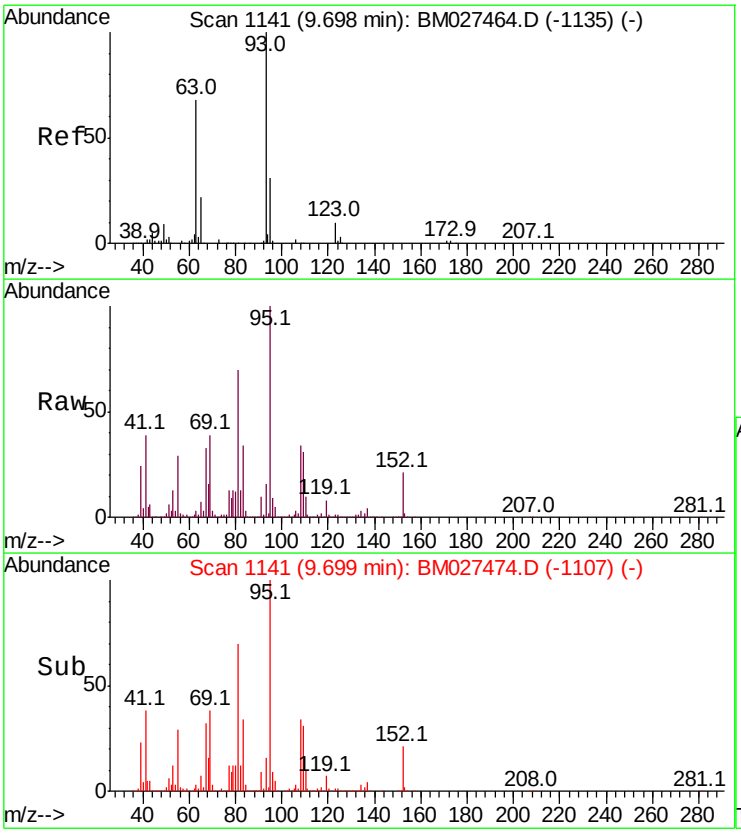
#24
2,4-Dimethylphenol
Concen: 22.984 ng/ul
RT: 9.48 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BM027474.D
Acq: 18 Sep 2020 22:38

Instrument :
BNA_M
ClientSampleId :
BG0Q1

Tgt Ion:107 Resp: 216766

Ion	Ratio	Lower	Upper
107	100		
121	45.5	36.6	54.8
122	74.3	59.9	89.9

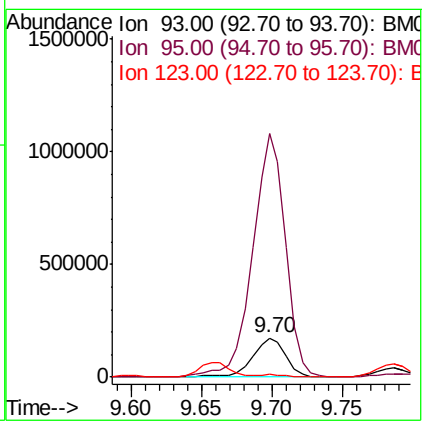


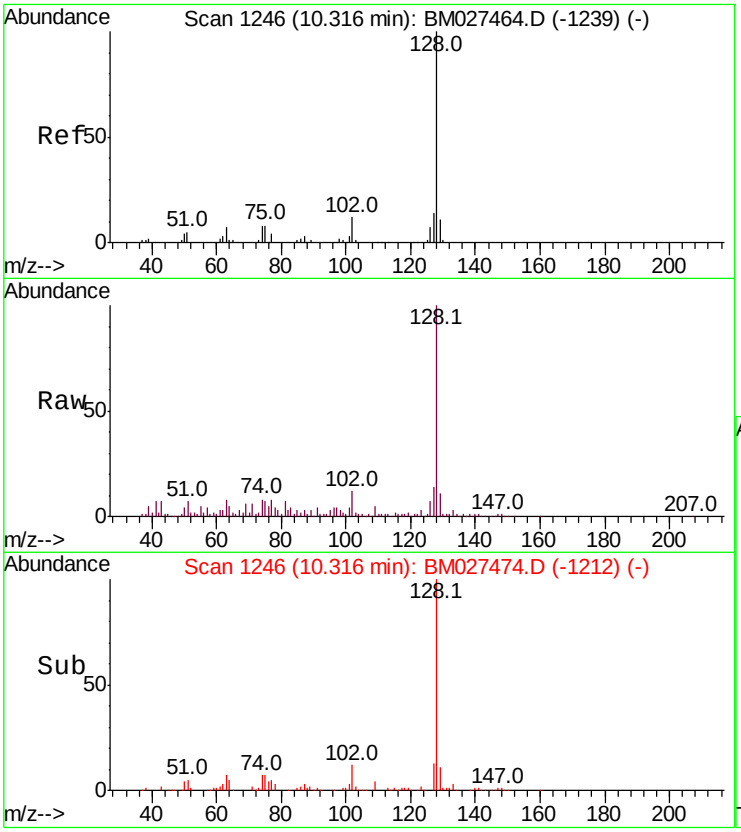


#25
Bis(2-Chloroethoxy)methane
Concen: 26.034 ng/ul
RT: 9.70 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BM027474.D
Acq: 18 Sep 2020 22:38

Tgt Ion: 93 Resp: 283598

Ion	Ratio	Lower	Upper
93	100		
95	622.3	26.2	39.4#
123	6.6	8.6	13.0#



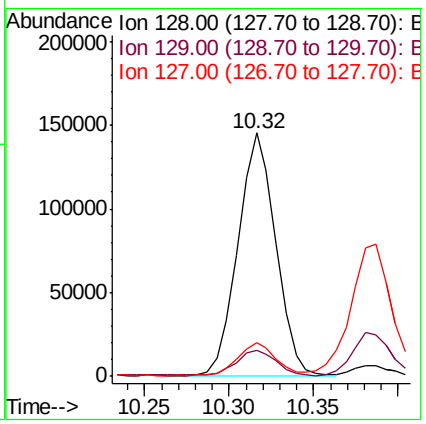


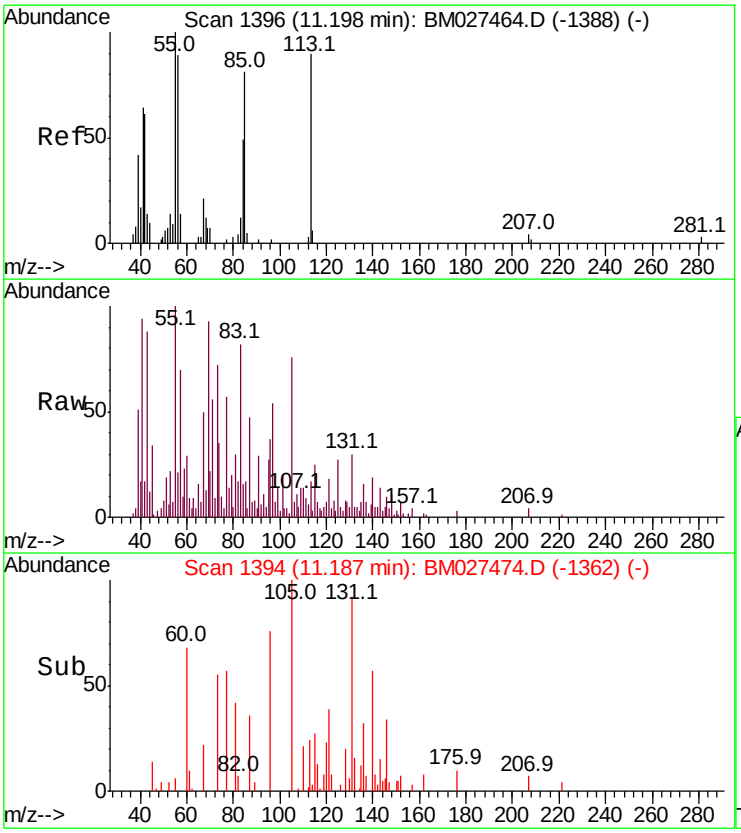
#28
Naphthalene
Concen: 9.233 ng/ul
RT: 10.32 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM027474.D
Acq: 18 Sep 2020 22:38

Instrument :
BNA_M
ClientSampleId :
BG0Q1

Tgt Ion:128 Resp: 225442

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.4	12.6
127	13.6	10.3	15.5

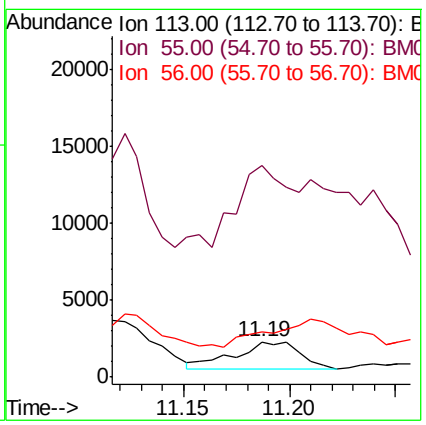


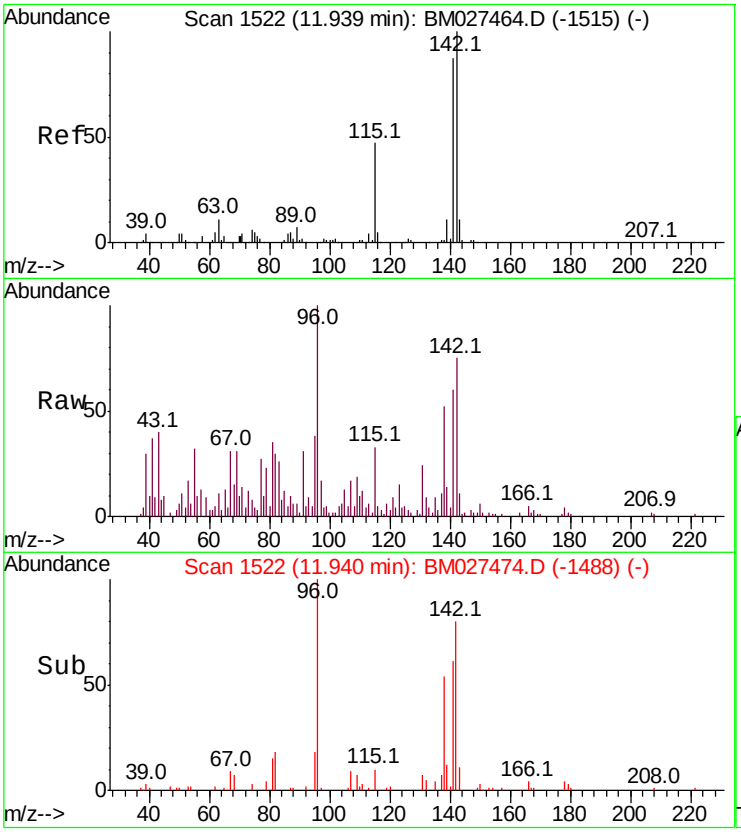


#32
Caprolactam
Concen: 1.527 ng/ul
RT: 11.19 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BM027474.D
Acq: 18 Sep 2020 22:38

Tgt Ion:113 Resp: 3936

Ion	Ratio	Lower	Upper
113	100		
55	602.1	100.5	150.7#
56	128.9	83.7	125.5#



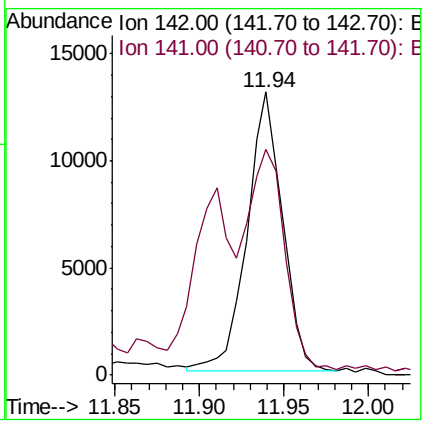


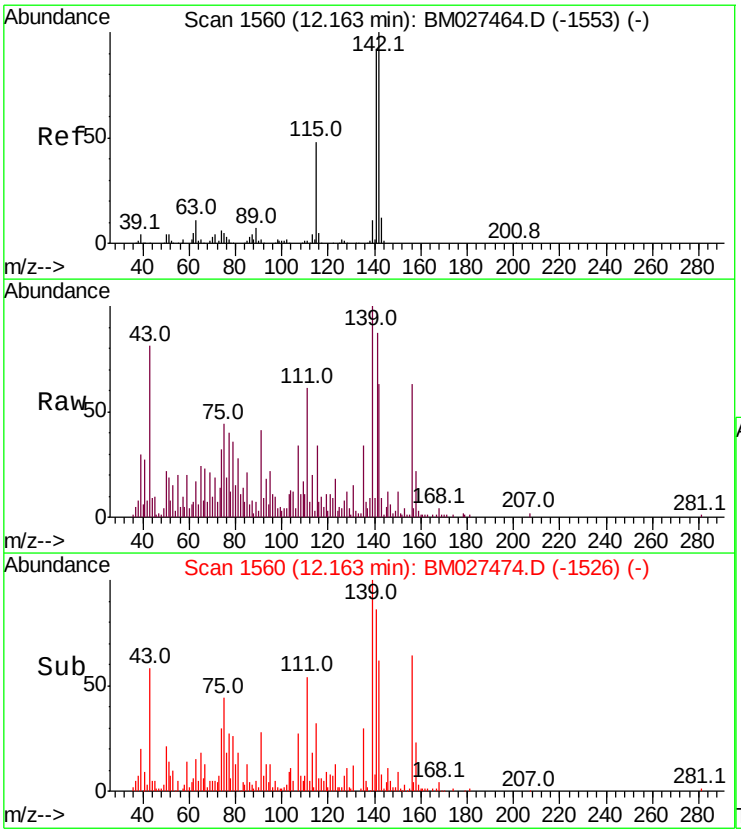
#34
2-Methylnaphthalene
Concen: 1.027 ng/ul
RT: 11.94 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BM027474.D
Acq: 18 Sep 2020 22:38

Instrument :
BNA_M
ClientSampleId :
BG0Q1

Tgt Ion:142 Resp: 18957

Ion	Ratio	Lower	Upper
142	100		
141	80.0	68.2	102.4

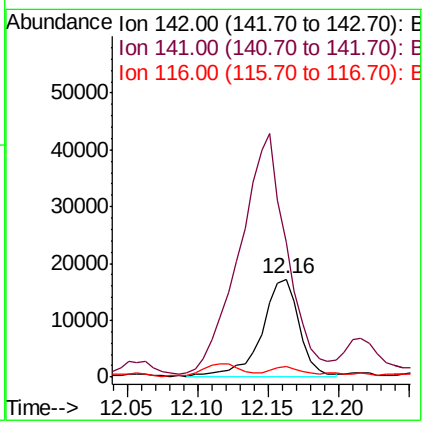


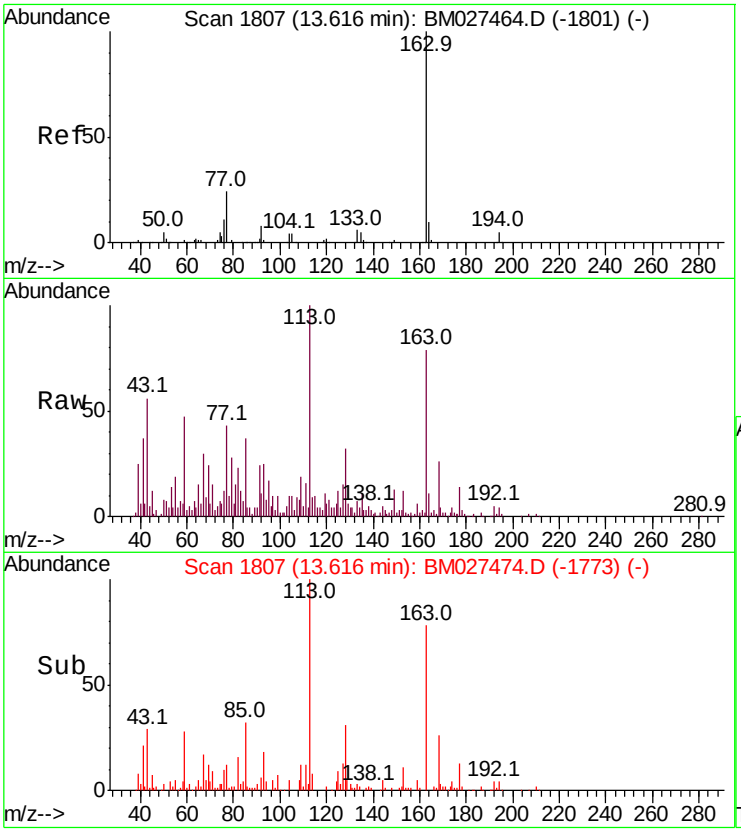


#35
1-Methylnaphthalene
Concen: 1.714 ng/ul
RT: 12.16 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BM027474.D
Acq: 18 Sep 2020 22:38

Tgt Ion:142 Resp: 31481

Ion	Ratio	Lower	Upper
142	100		
141	137.7	74.6	111.8#
116	11.4	3.6	5.4#



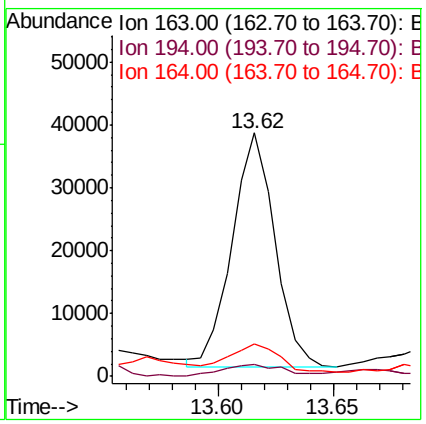


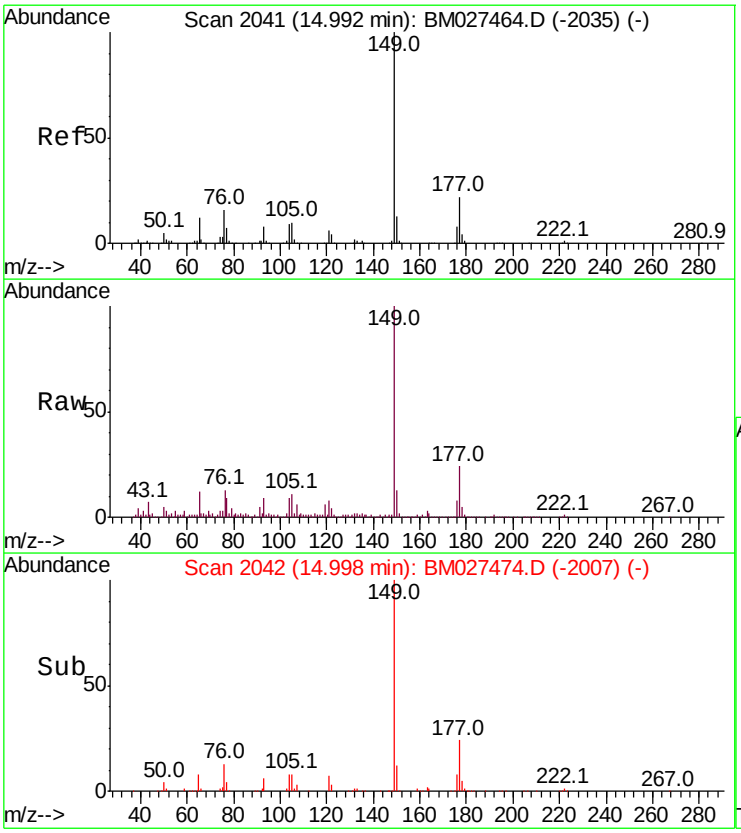
#45
Dimethylphthalate
Concen: 1.790 ng/ul
RT: 13.62 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BM027474.D
Acq: 18 Sep 2020 22:38

Instrument :
BNA_M
ClientSampleId :
BG0Q1

Tgt Ion:163 Resp: 47826

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.3	4.9#
164	13.4	8.1	12.1#

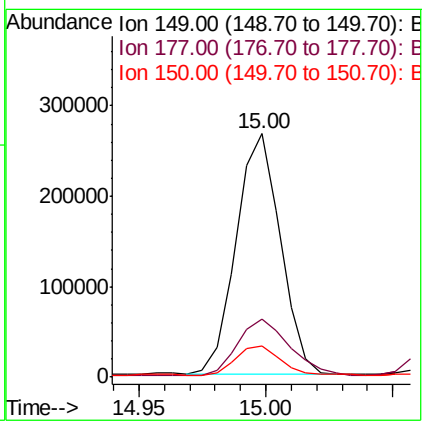


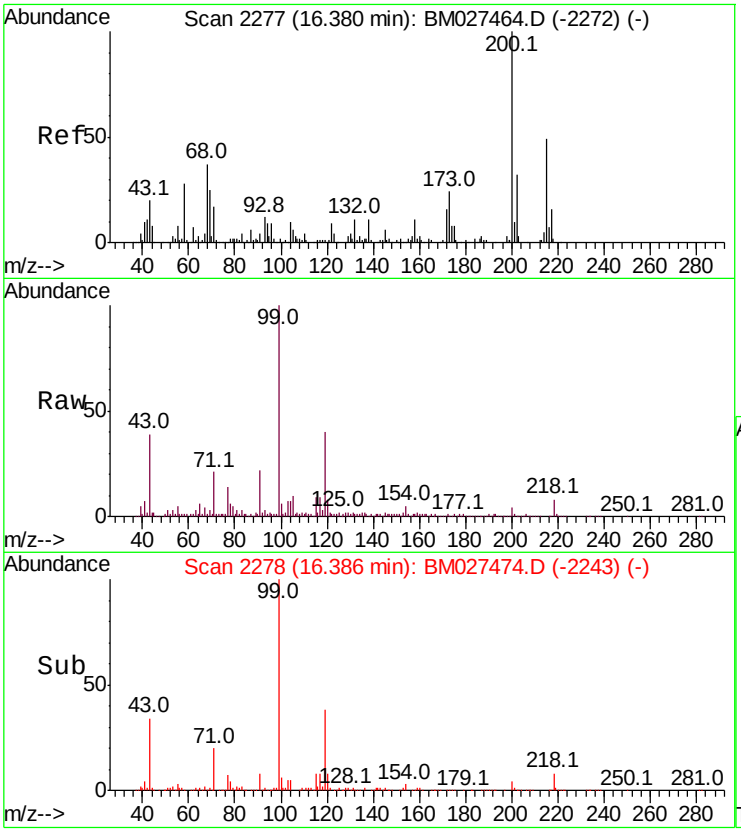


#57
Diethylphthalate
Concen: 11.662 ng/ul
RT: 15.00 min Scan# 2042
Delta R.T. 0.01 min
Lab File: BM027474.D
Acq: 18 Sep 2020 22:38

Tgt Ion:149 Resp: 324990

Ion	Ratio	Lower	Upper
149	100		
177	23.8	17.6	26.4
150	13.1	9.6	14.4





#68
Atrazine
Concen: 2.451 ng/ul
RT: 16.39 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BM027474.D
Acq: 18 Sep 2020 22:38

Instrument :
BNA_M
ClientSampleId :
BG0Q1

Tgt Ion:200 Resp: 20490

Ion	Ratio	Lower	Upper
200	100		
173	11.4	20.1	30.1#
215	0.0	39.0	58.4#