Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020916.D
Acq On : 12 Jun 2019 22:44
Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jun 13 04:51:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 13 01:55:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	309325	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1186430	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	741545	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	1502286	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1335382	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	1544963	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	11145	1.72	ng/uL	0.00
5) Phenol-d5	6.95	99	25725	1.09	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.15	67	376704	26.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	474277	25.16	ng/ul	0.04
13) 4-Methylphenol-d8	8.47	113	5608	0.29	ng/ul	-0.04
19) Nitrobenzene-d5	8.97	128	271776	33.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	303958	36.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	565316	32.51	ng/ul	0.03
29) 4-Chloroaniline-d4	10.71	131	67603	3.23	ng/ul	-0.03
43) Dimethylphthalate-d6	13.87	166	1652423	30.12	ng/ul	0.01
46) Acenaphthylene-d8	14.14	160	2055563	29.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	1063	0.11	ng/ul	0.00
57) Fluorene-d10	15.44	176	1423372	30.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	3005142	391.18	ng/ul	0.06
70) Anthracene-d10	17.30	188	2090113	31.85	ng/ul	0.00
78) Pyrene-d10	19.59	212	2150068	33.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	2427043	34.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	12188	1.789	ng/uL#	74
4) Benzaldehyde	6.95	77	66441	3.726	ng/ul#	1
6) Phenol	7.09	94	555694	22.808	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.25	93	44898	2.375	ng/ul#	85
10) 2-Chlorophenol	7.41	128	25898	1.336	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.36	45	139985	5.649	ng/ul#	70
14) Acetophenone	8.60	105	323140	10.982	ng/ul#	35
15) N-Nitroso-di-n-propylamine	8.62	70	152787	9.864	ng/ul#	1
17) Hexachloroethane	8.91	117	120039	14.723	ng/ul#	4
21) Isophorone	9.55	82	4556643	120.964	ng/ul#	94
24) 2,4-Dimethylphenol	9.81	107	44918	2.236	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.06	93	101090	4.325	ng/ul#	93
27) 2,4-Dichlorophenol	10.27	162	37677	2.191	ng/ul#	69
28) Naphthalene	10.65	128	828732	14.872	ng/ul	98
32) Caprolactam	11.55	113	6211	1.240	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.93	107	74196	4.181	ng/ul#	34
34) 2-Methylnaphthalene	12.26	142	269908	6.595	ng/ul	90
38) 2,4,6-Trichlorophenol	12.90	196	43276	2.999	ng/ul	97
39) 2,4,5-Trichlorophenol	12.90	196	43480	2.774	ng/ul	99
40) 1,1'-Biphenyl	13.28	154	60777	1.056	ng/ul#	59
42) 2-Nitroaniline	13.52	65	36681	3.190	ng/ul#	32
45) 2,6-Dinitrotoluene	14.02	165	11926	1.158	ng/ul#	1
52) 4-Nitrophenol	14.67	109	173805	22.523	ng/ul#	9

Quantitation Report (Not Reviewed)

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Operator : HP/JU
Sample : K3215-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 13 04:51:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 13 01:55:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) 2,4-Dinitrotoluene	14.83	165	50073	3.362	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.10	232	2550781	193.677	ng/ul	90
60) 4-Nitroaniline	15.53	138	29031	2.578	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.62	198	9144311	1120.601	ng/ul#	58
68) Pentachlorophenol	16.88	266	19875849	1893.770	ng/ul	97
73) Pentachlorobenzene	14.76	250	26660	1.271	ng/uL	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
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Acq On : 12 Jun 2019 22:44
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Sample : K3215-10
Misc :
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Instrument :
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ClientSampleId :

Quant Time: Jun 13 04:51:26 2019
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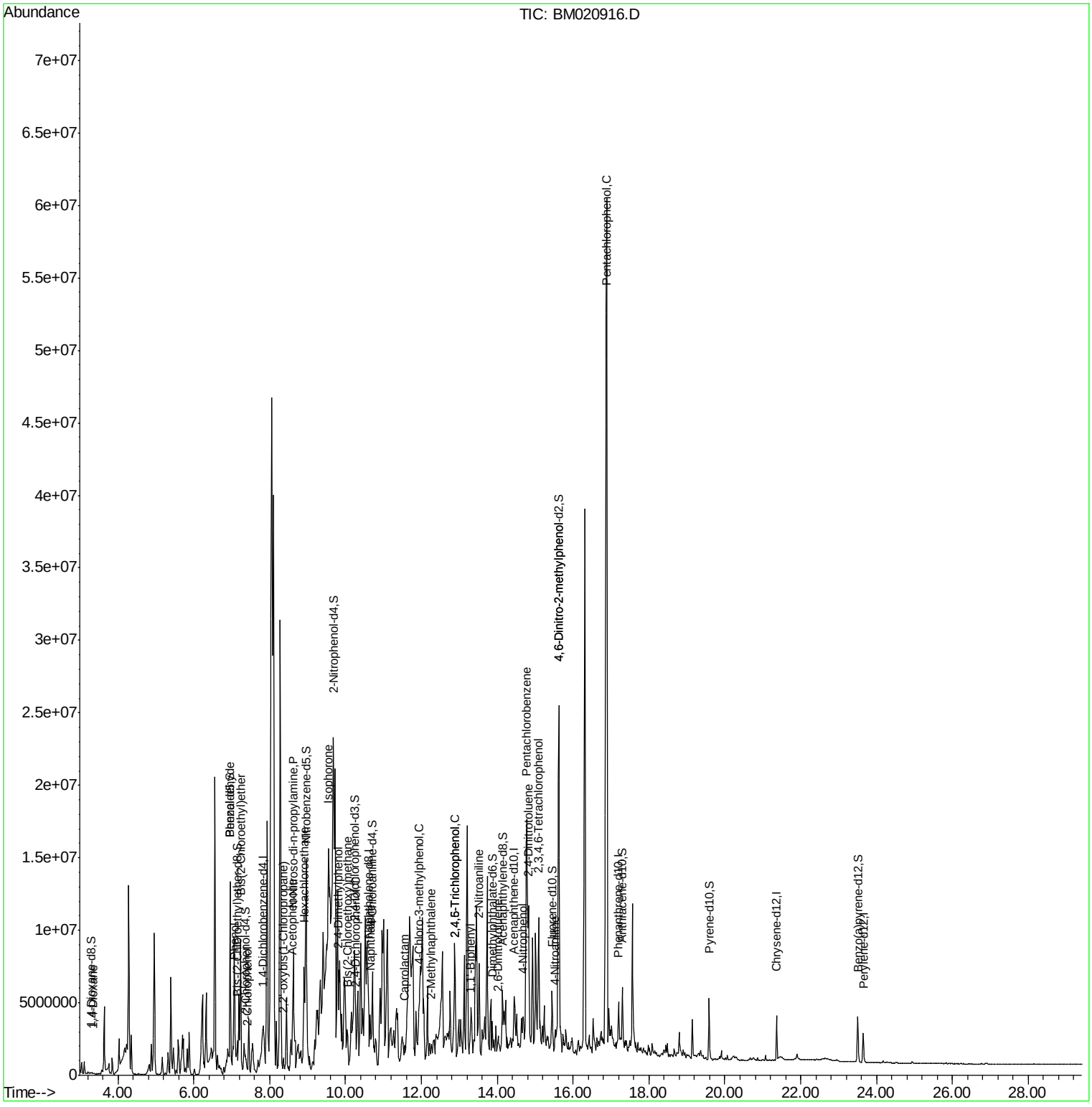
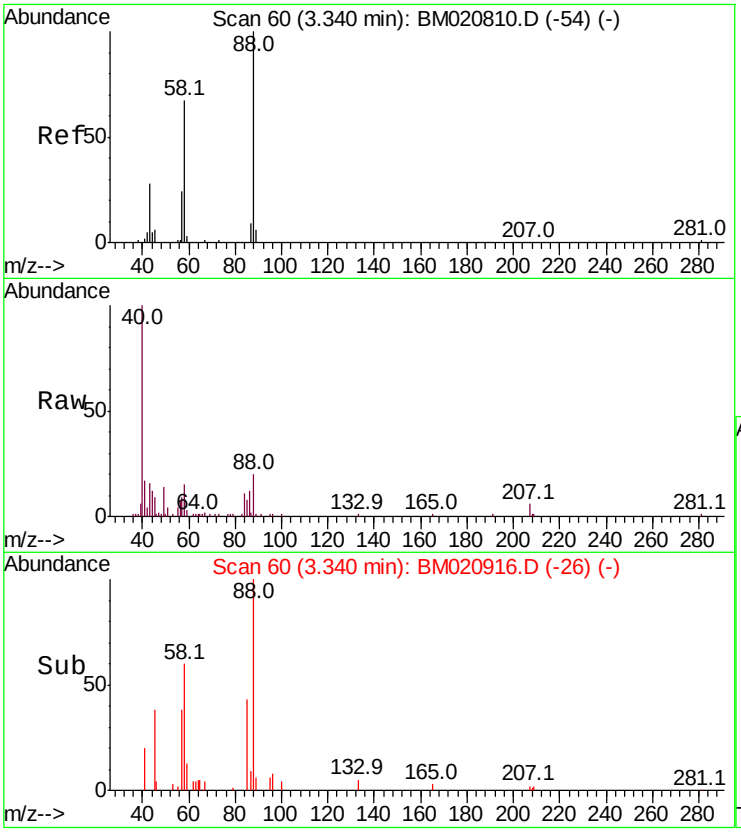
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 13 01:55:55 2019
Response via : Initial Calibration



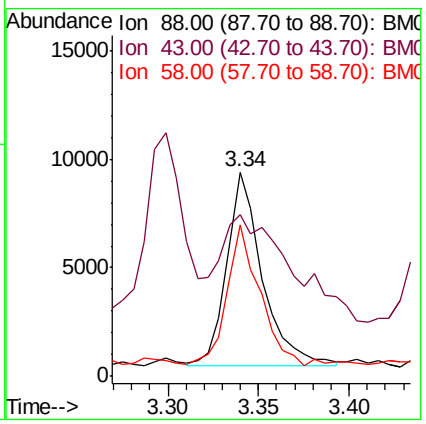


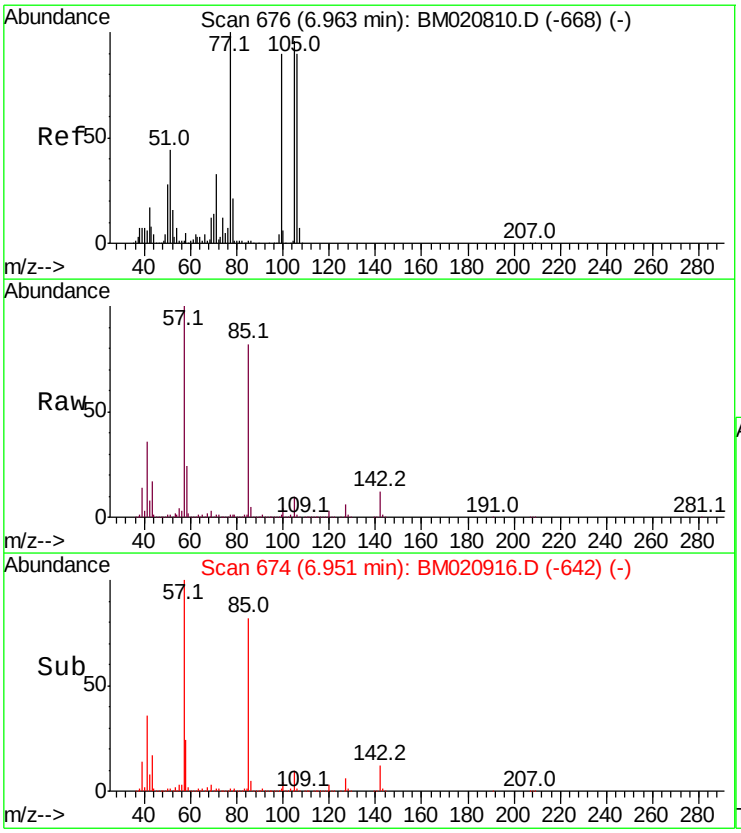
#2
1,4-Dioxane
Concen: 1.789 ng/uL
RT: 3.34 min Scan# 60
Delta R.T. 0.00 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 12188

Ion	Ratio	Lower	Upper
88	100		
43	79.1	29.8	44.8#
58	74.4	57.2	85.8

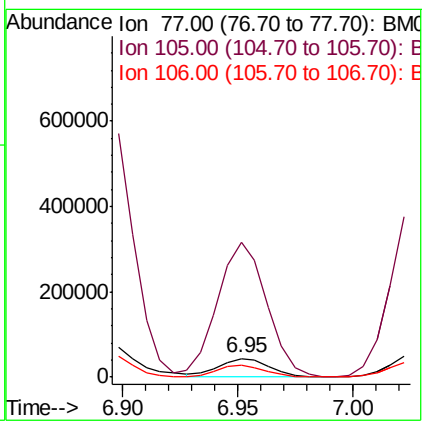


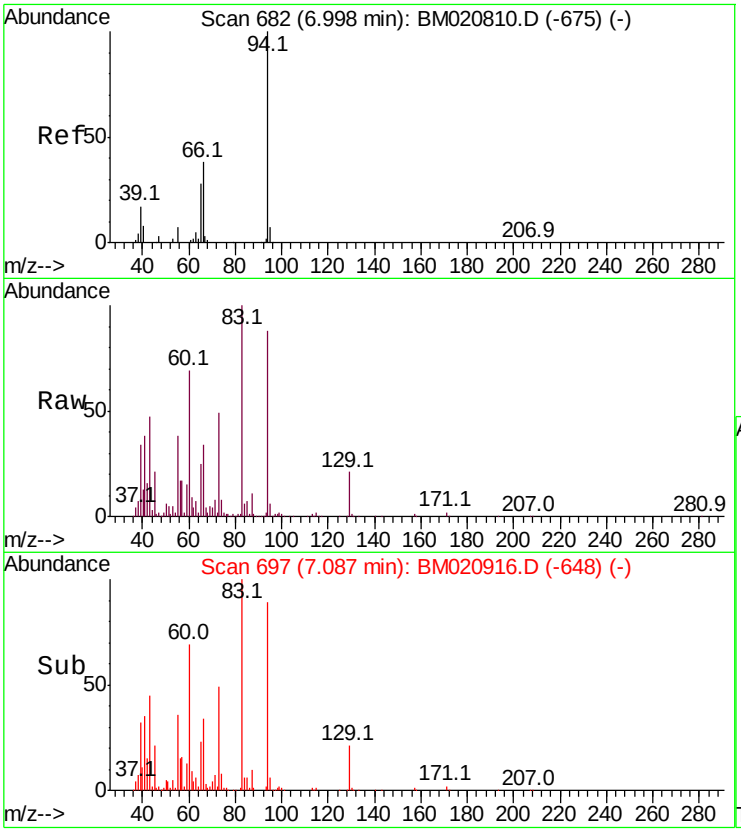


#4
Benzaldehyde
Concen: 3.726 ng/ul
RT: 6.95 min Scan# 674
Delta R.T. -0.01 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Tgt Ion: 77 Resp: 66441

Ion	Ratio	Lower	Upper
77	100		
105	721.0	74.7	112.1#
106	64.1	72.3	108.5#



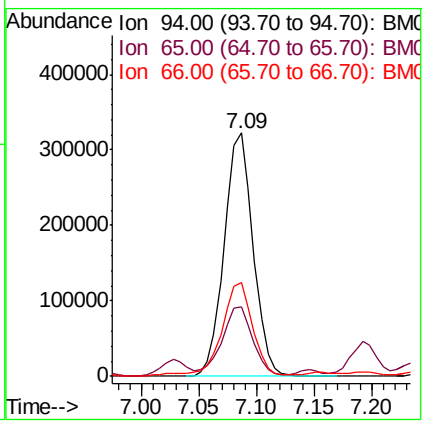


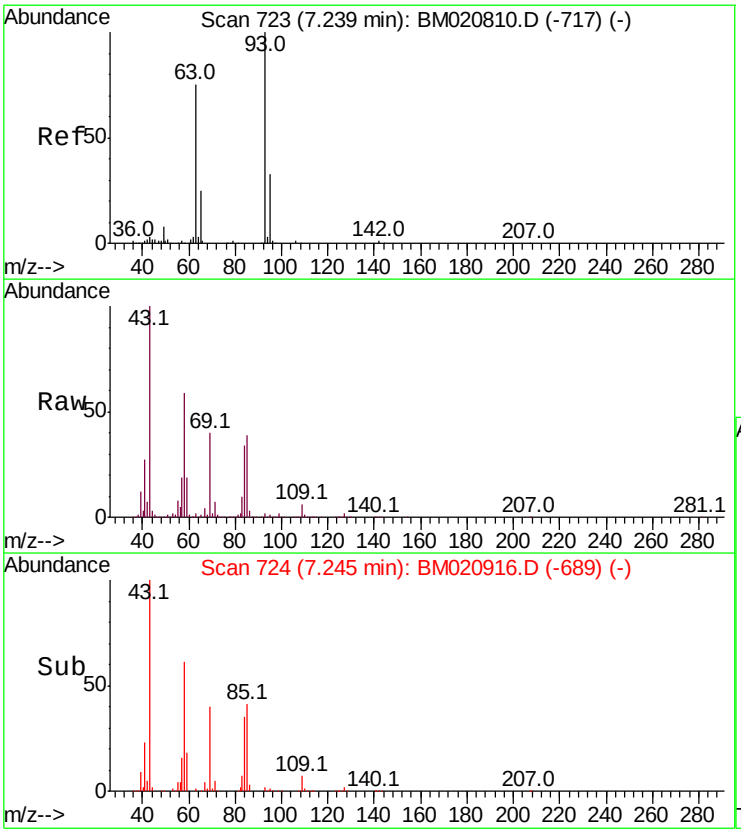
#6
Phenol
Concen: 22.808 ng/ul
RT: 7.09 min Scan# 697
Delta R.T. 0.09 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 555694

Ion	Ratio	Lower	Upper
94	100		
65	28.4	23.3	34.9
66	38.6	32.1	48.1

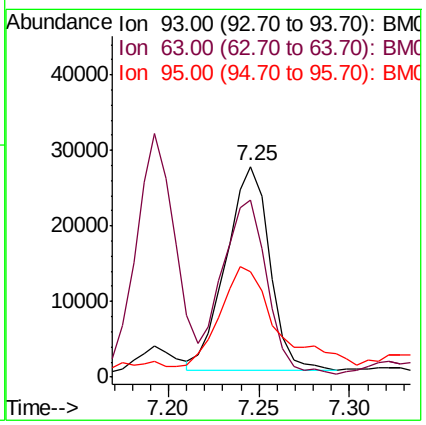


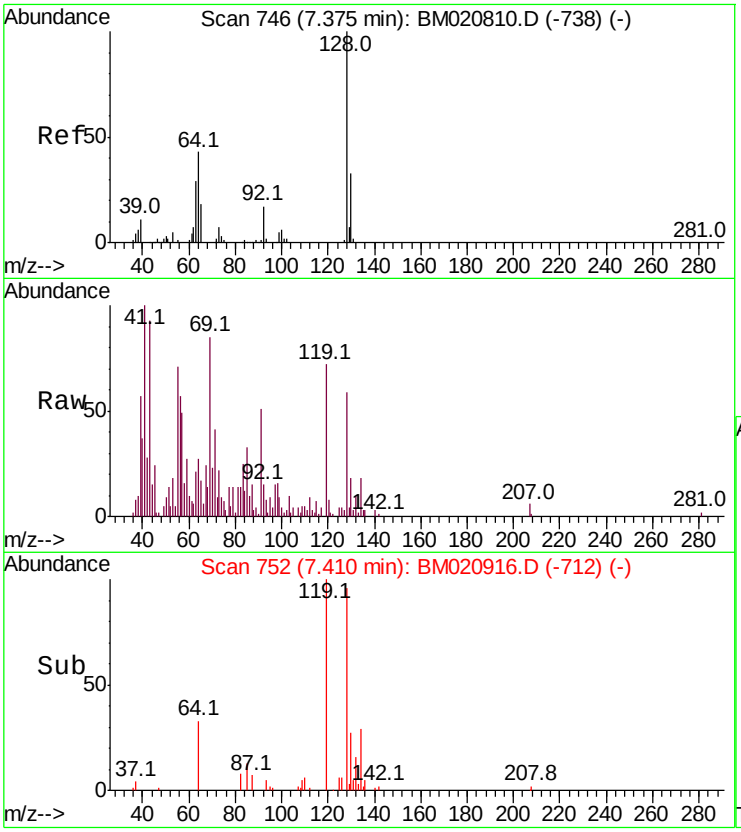


#8
Bis(2-Chloroethyl)ether
Concen: 2.375 ng/ul
RT: 7.25 min Scan# 724
Delta R.T. 0.01 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Tgt Ion: 93 Resp: 44898

Ion	Ratio	Lower	Upper
93	100		
63	84.3	61.8	92.6
95	50.1	25.4	38.2#



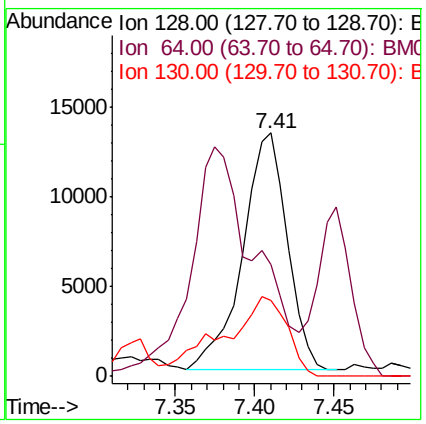


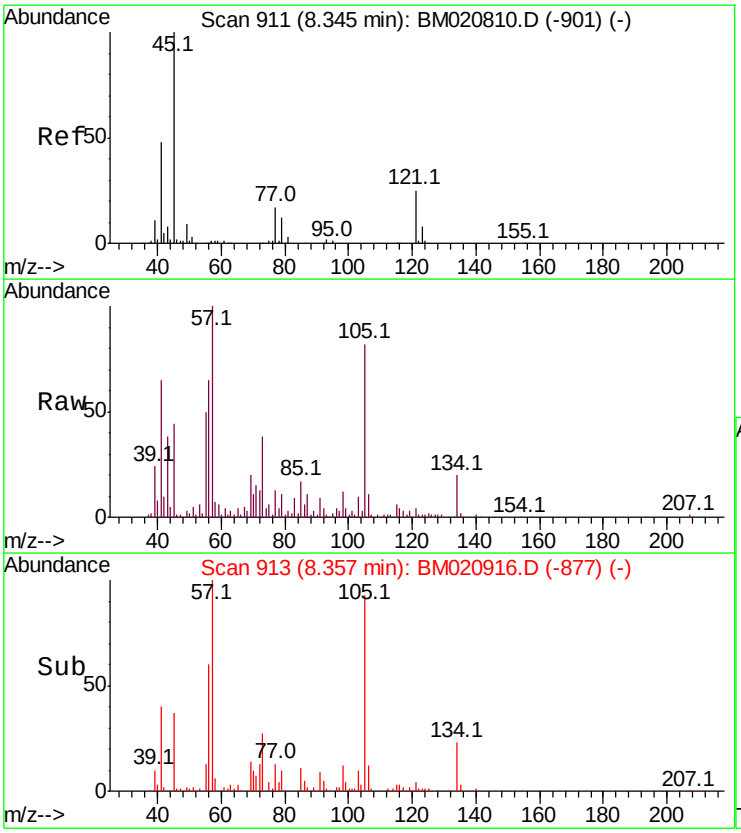
#10
2-Chlorophenol
Concen: 1.336 ng/ul
RT: 7.41 min Scan# 752
Delta R.T. 0.04 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 25898

Ion	Ratio	Lower	Upper
128	100		
64	45.9	39.0	58.4
130	31.3	27.5	41.3

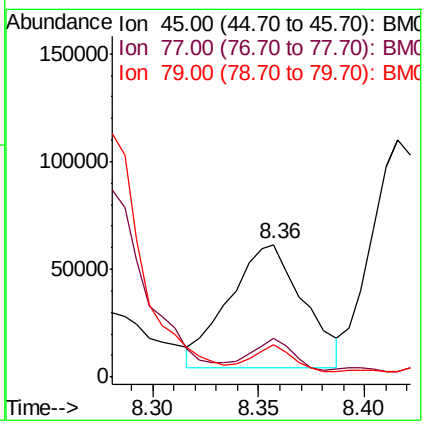


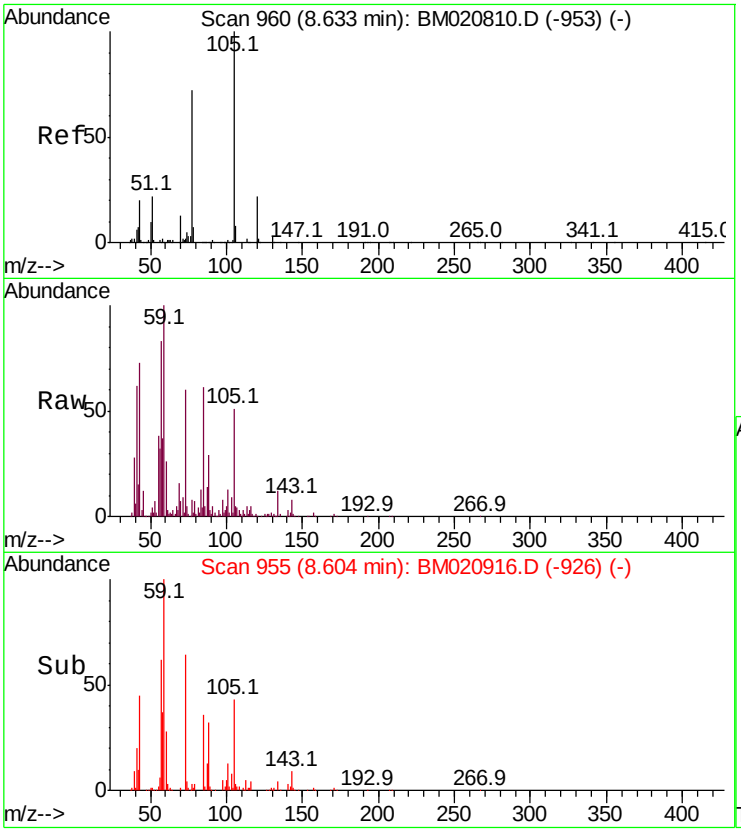


#12
2,2'-oxybis(1-Chloropropane)
Concen: 5.649 ng/ul
RT: 8.36 min Scan# 913
Delta R.T. 0.01 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Tgt Ion: 45 Resp: 139985

Ion	Ratio	Lower	Upper
45	100		
77	29.2	13.0	19.4#
79	24.3	10.2	15.4#



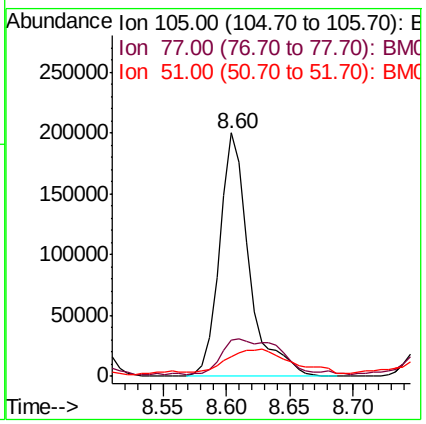


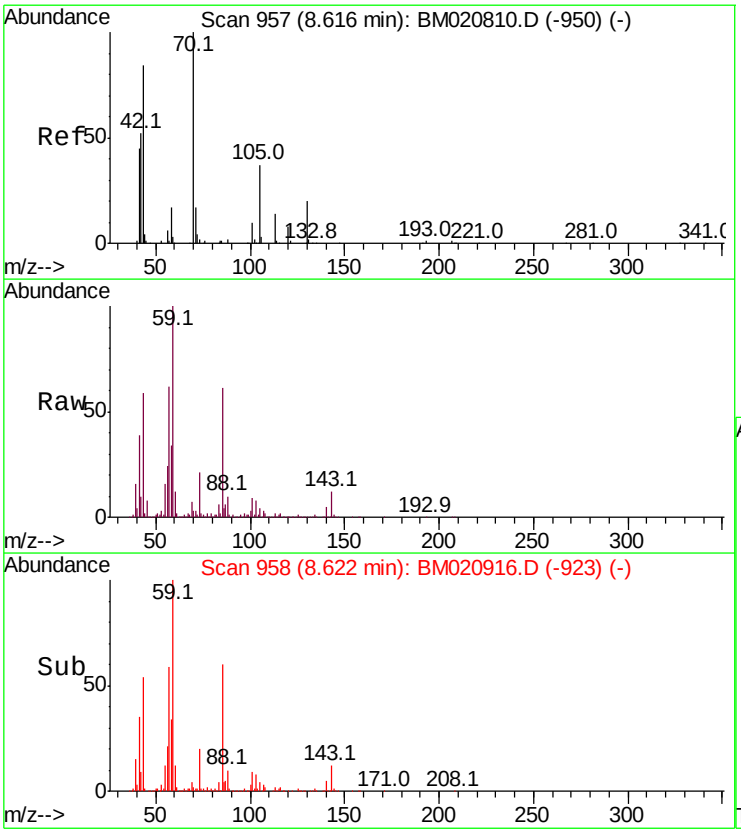
#14
Acetophenone
Concen: 10.982 ng/ul
RT: 8.60 min Scan# 955
Delta R.T. -0.03 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 323140

Ion	Ratio	Lower	Upper
105	100		
77	15.0	64.6	97.0#
51	8.2	21.4	32.2#

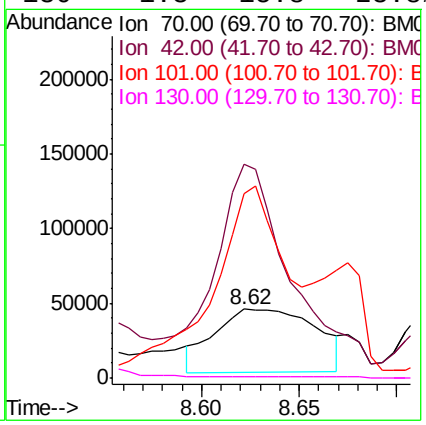


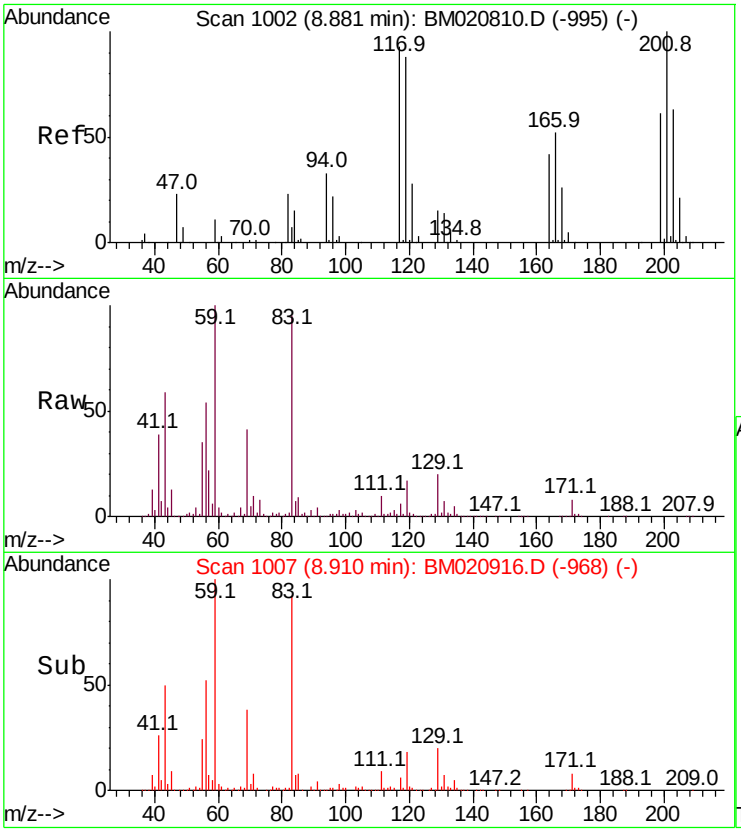


#15
N-Nitroso-di-n-propylamine
Concen: 9.864 ng/ul
RT: 8.62 min Scan# 958
Delta R.T. 0.01 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Tgt Ion: 70 Resp: 152787

Ion	Ratio	Lower	Upper
70	100		
42	310.0	43.6	65.4#
101	267.9	8.2	12.2#
130	1.3	15.8	23.8#



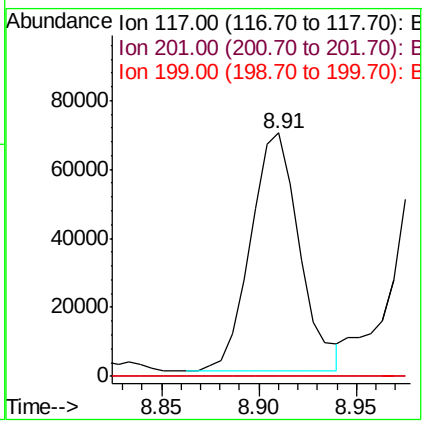


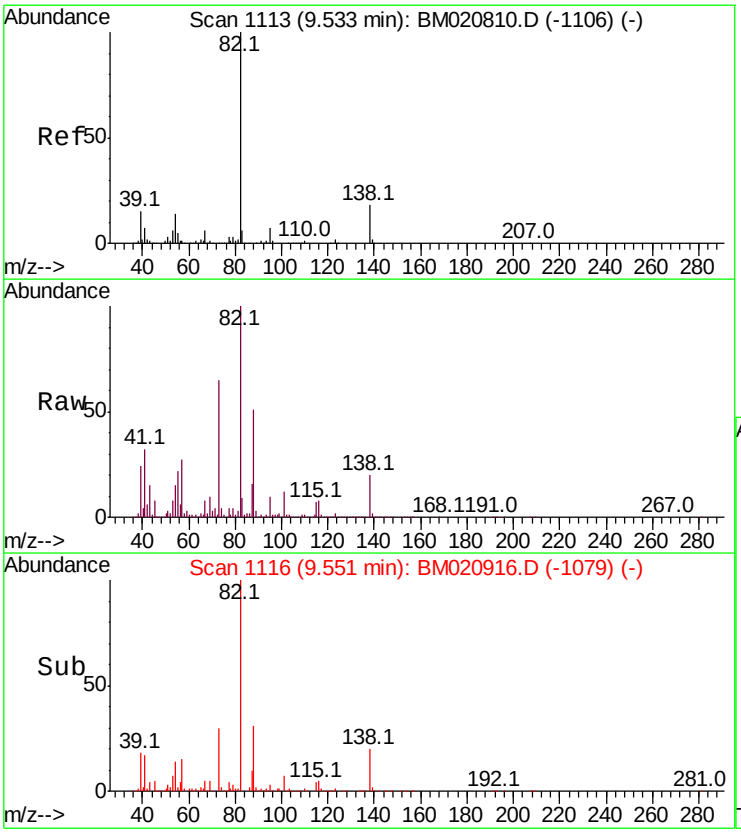
#17
Hexachloroethane
Concen: 14.723 ng/ul
RT: 8.91 min Scan# 1007
Delta R.T. 0.03 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 120039

Ion	Ratio	Lower	Upper
117	100		
201	0.0	85.9	128.9#
199	0.0	53.5	80.3#

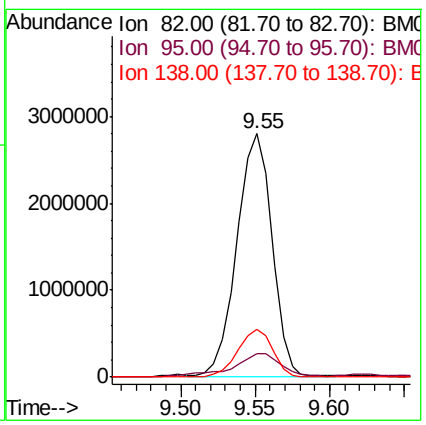


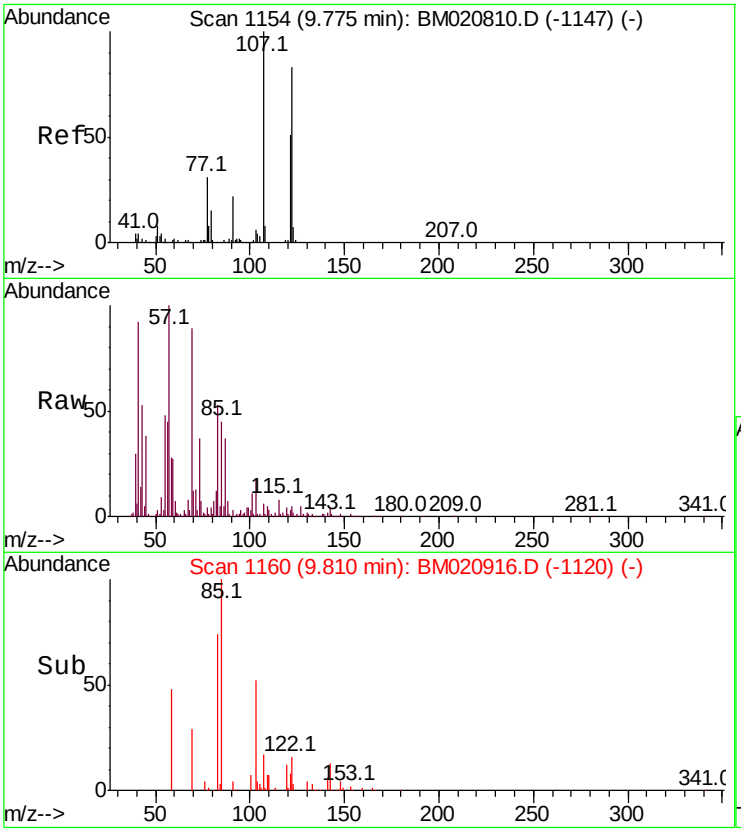


#21
Isophorone
Concen: 120.964 ng/ul
RT: 9.55 min Scan# 1116
Delta R.T. 0.02 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Tgt Ion: 82 Resp: 4556643

Ion	Ratio	Lower	Upper
82	100		
95	9.6	5.9	8.9#
138	19.8	13.8	20.8



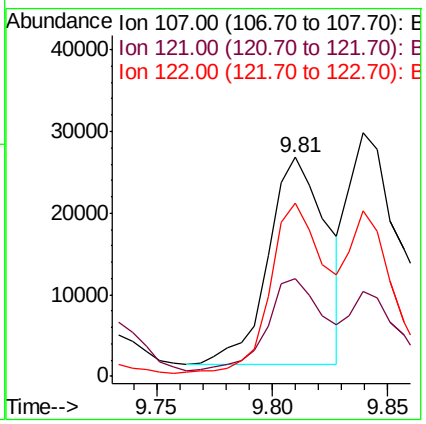


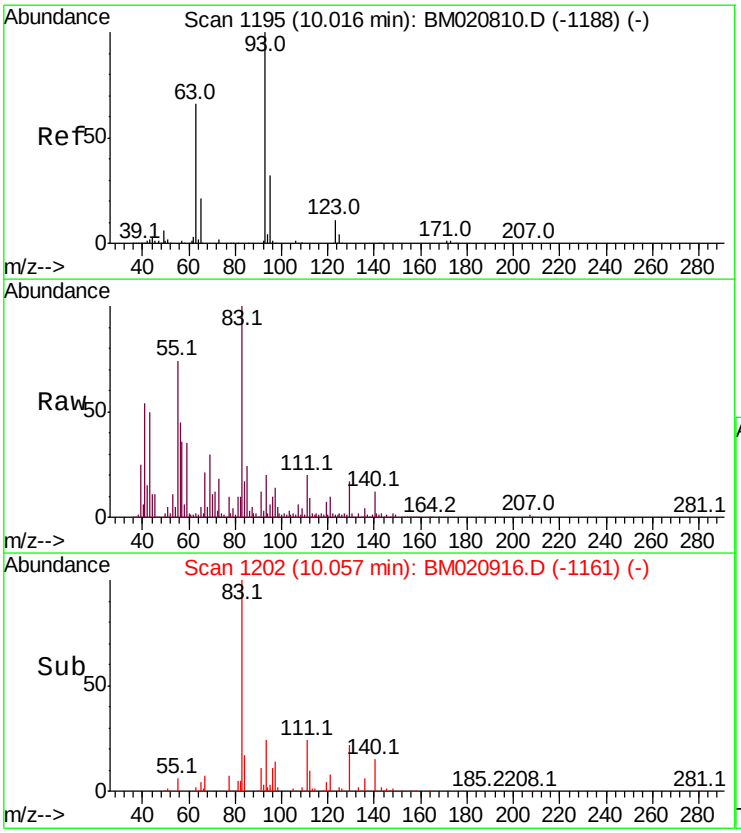
#24
2,4-Dimethylphenol
Concen: 2.236 ng/ul
RT: 9.81 min Scan# 1160
Delta R.T. 0.04 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 44918

Ion	Ratio	Lower	Upper
107	100		
121	44.4	39.5	59.3
122	79.3	65.7	98.5

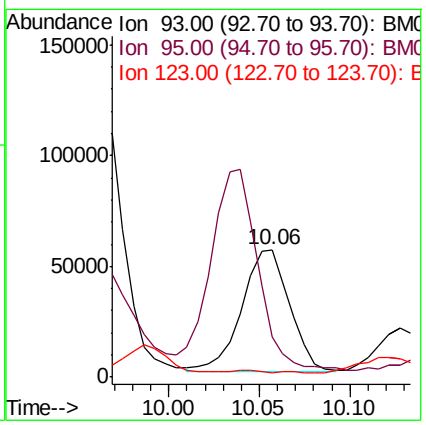


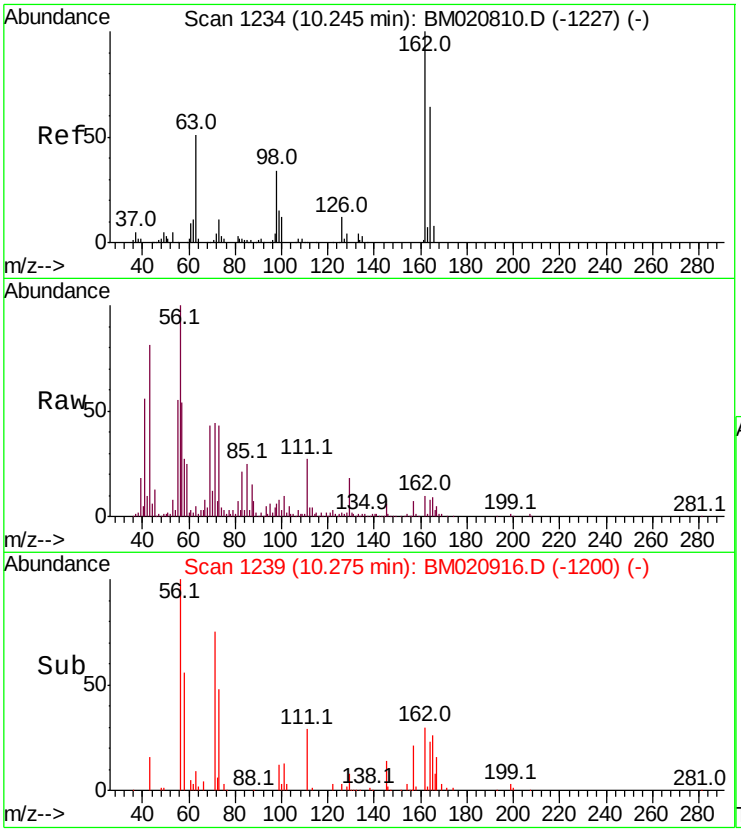


#25
Bis(2-Chloroethoxy)methane
Concen: 4.325 ng/ul
RT: 10.06 min Scan# 1202
Delta R.T. 0.04 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Tgt Ion: 93 Resp: 101090

Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.5	39.7
123	3.2	9.0	13.4#



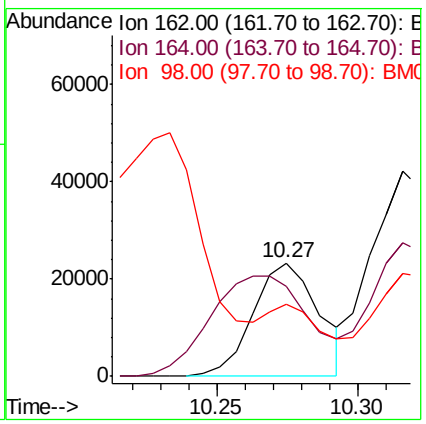


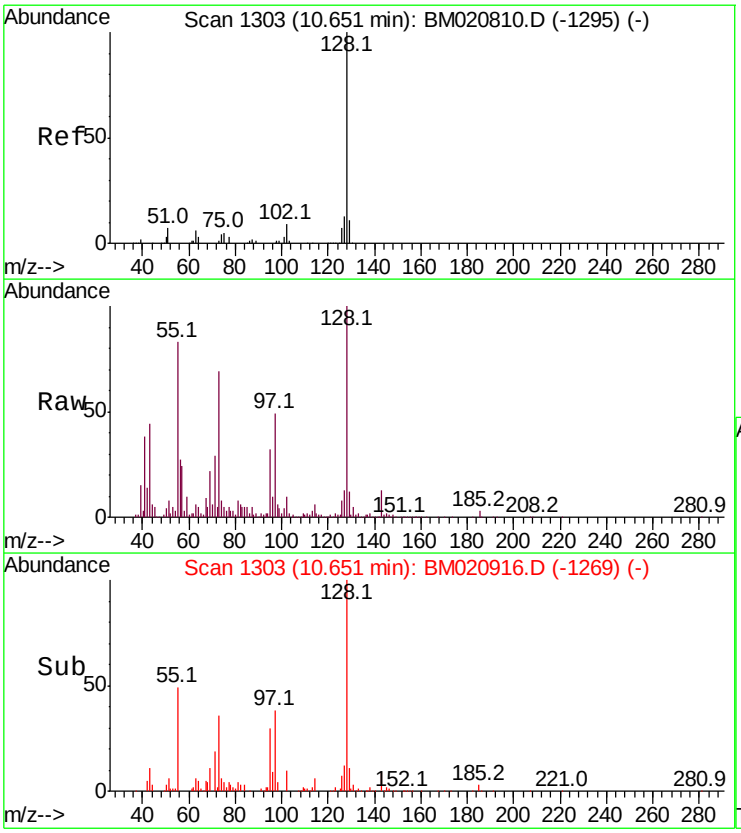
#27
2,4-Dichlorophenol
Concen: 2.191 ng/ul
RT: 10.27 min Scan# 1239
Delta R.T. 0.03 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 37677

Ion	Ratio	Lower	Upper
162	100		
164	79.9	51.0	76.4#
98	64.0	28.0	42.0#

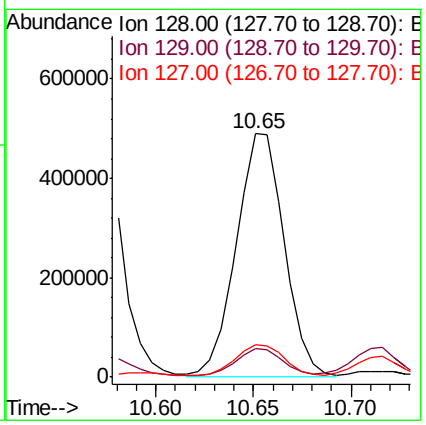


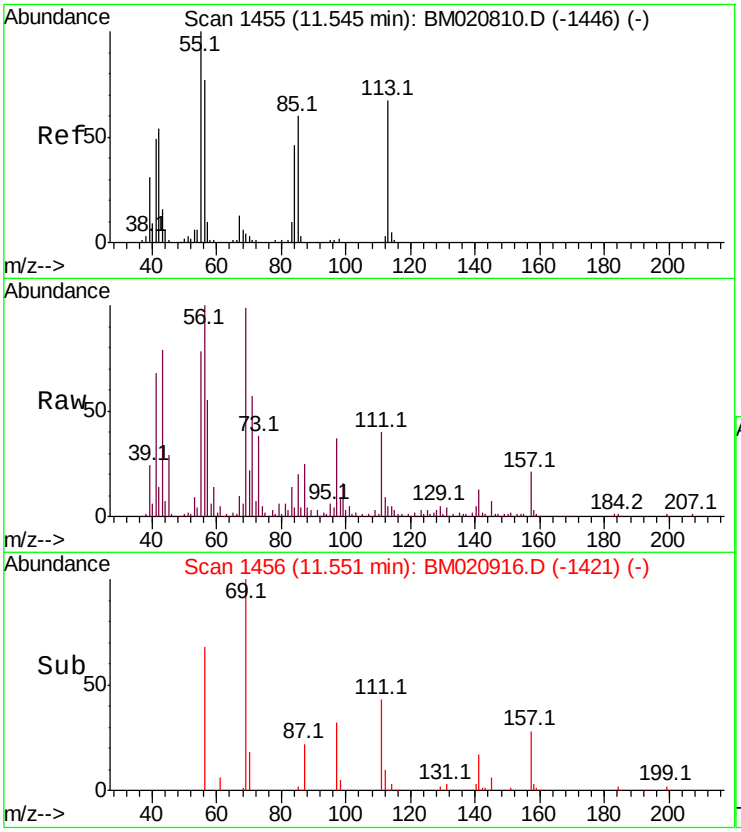


#28
Naphthalene
Concen: 14.872 ng/ul
RT: 10.65 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Tgt Ion:128 Resp: 828732

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	13.0
127	13.3	10.2	15.2



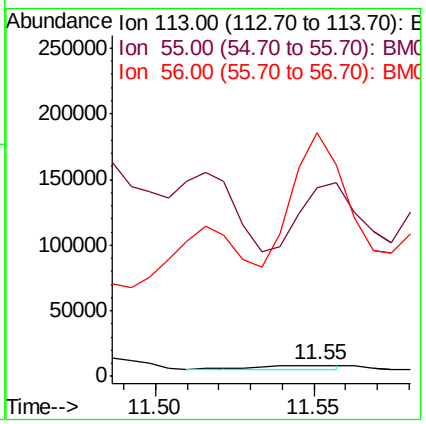


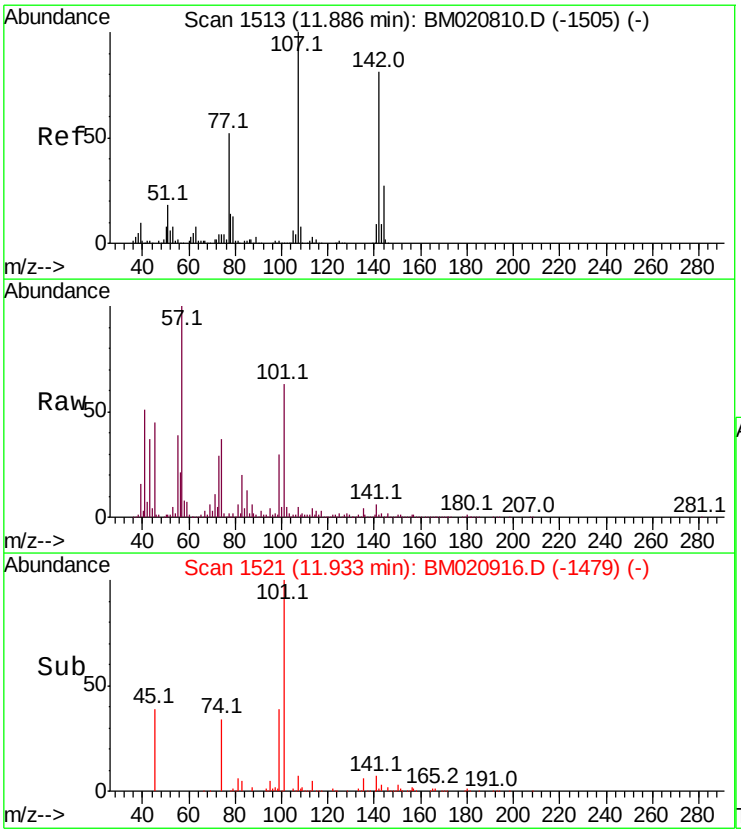
#32
Caprolactam
Concen: 1.240 ng/ul
RT: 11.55 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 6211

Ion	Ratio	Lower	Upper
113	100		
55	1706.0	126.0	189.0#
56	2198.3	99.7	149.5#

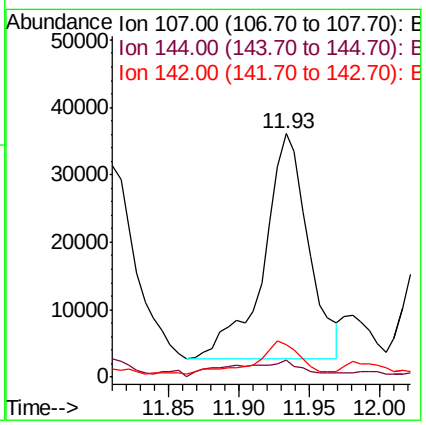


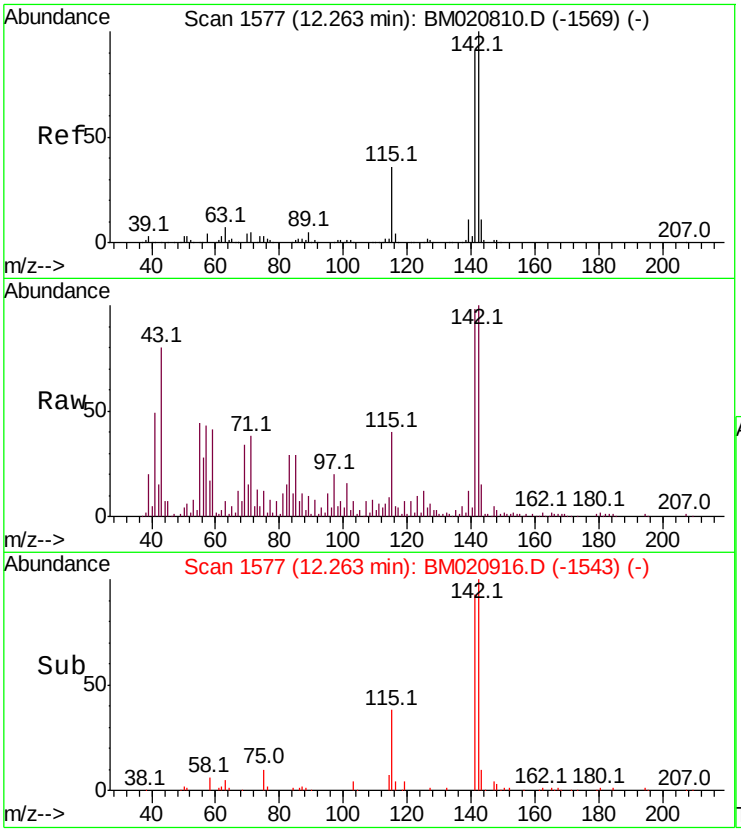


#33
4-Chloro-3-methylphenol
Concen: 4.181 ng/ul
RT: 11.93 min Scan# 1521
Delta R.T. 0.05 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Tgt Ion:107 Resp: 74196

Ion	Ratio	Lower	Upper
107	100		
144	6.9	21.3	31.9#
142	13.5	63.2	94.8#



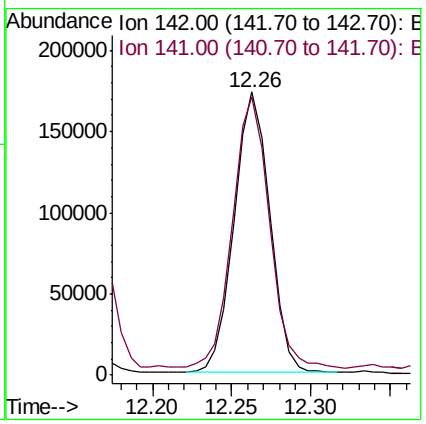


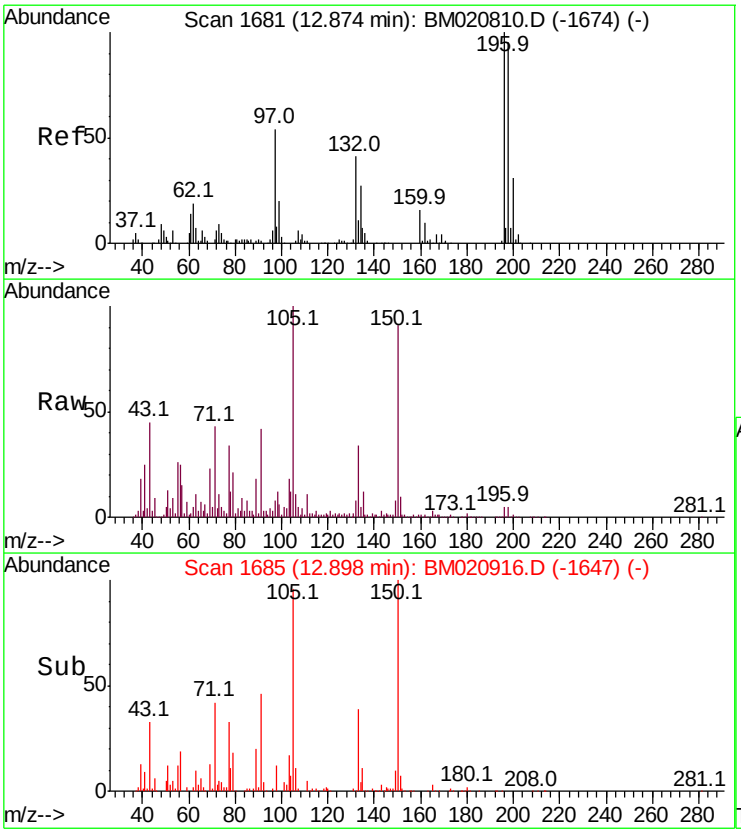
#34
2-Methylnaphthalene
Concen: 6.595 ng/ul
RT: 12.26 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 269908

Ion	Ratio	Lower	Upper
142	100		
141	98.2	71.4	107.0

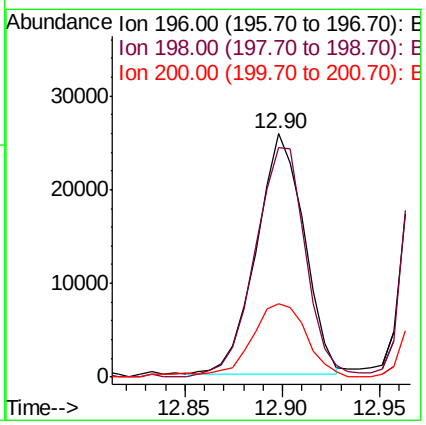


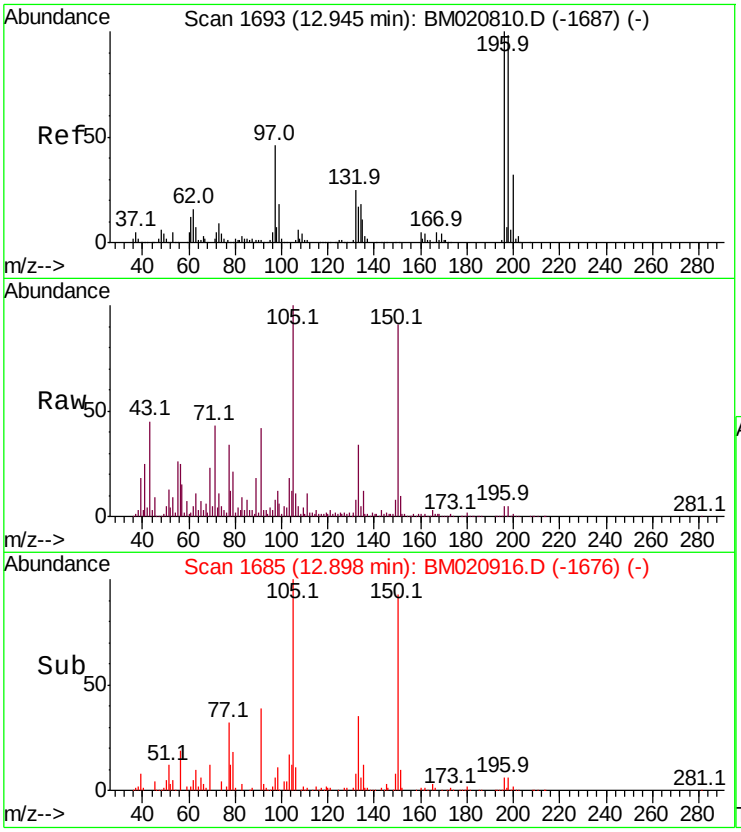


#38
2,4,6-Trichlorophenol
Concen: 2.999 ng/ul
RT: 12.90 min Scan# 1685
Delta R.T. 0.02 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Tgt Ion:196 Resp: 43276

Ion	Ratio	Lower	Upper
196	100		
198	94.4	77.8	116.6
200	29.9	25.3	37.9



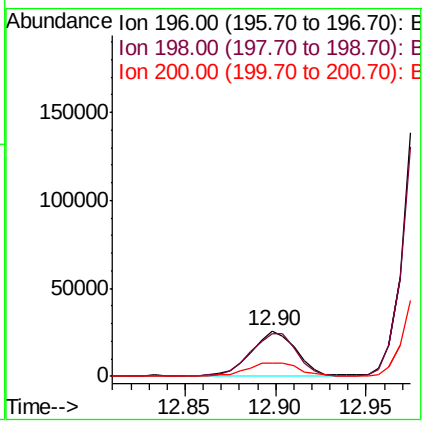


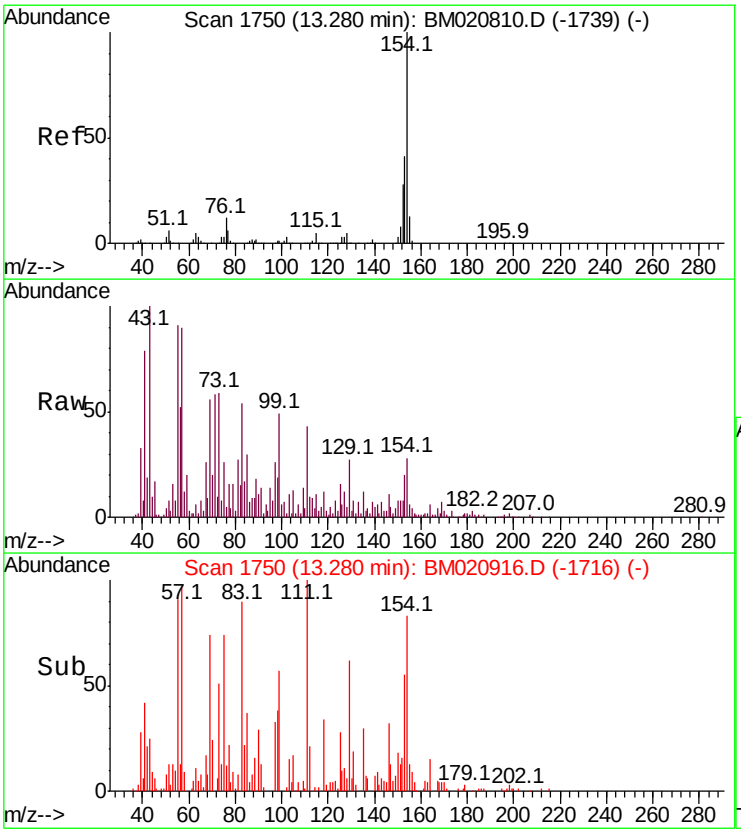
#39
2,4,5-Trichlorophenol
Concen: 2.774 ng/ul
RT: 12.90 min Scan# 1685
Delta R.T. -0.05 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 43480

Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.3	112.9
200	29.9	25.0	37.4

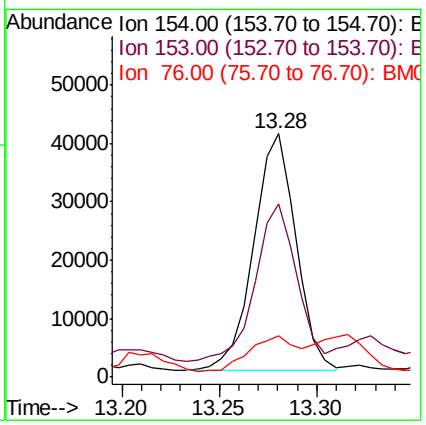


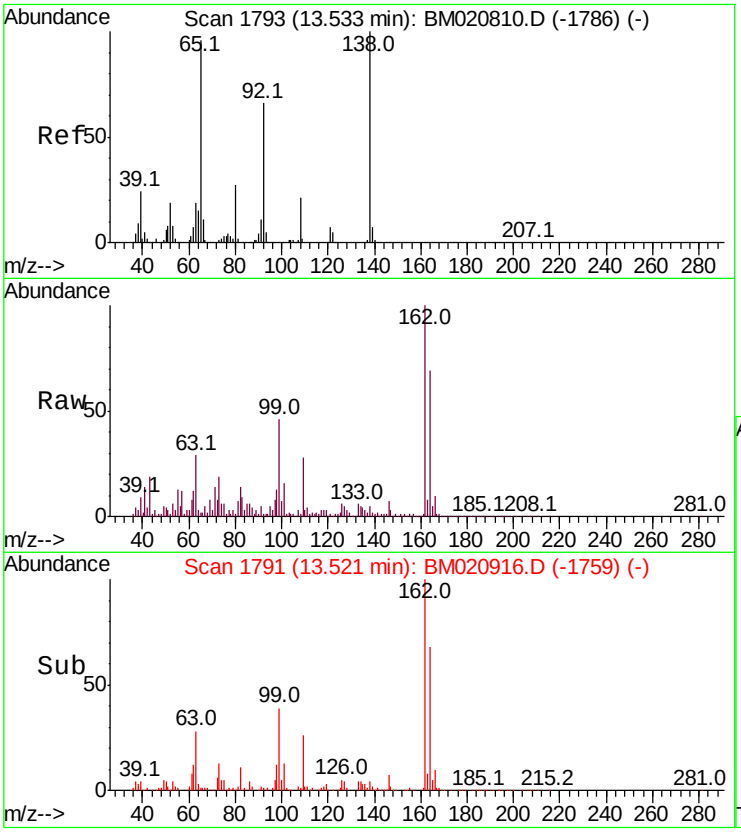


#40
1,1'-Biphenyl
Concen: 1.056 ng/ul
RT: 13.28 min Scan# 1750
Delta R.T. 0.00 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Tgt Ion:154 Resp: 60777

Ion	Ratio	Lower	Upper
154	100		
153	71.2	32.4	48.6#
76	17.0	9.8	14.6#



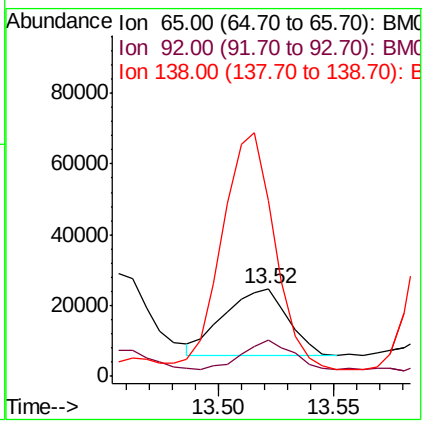


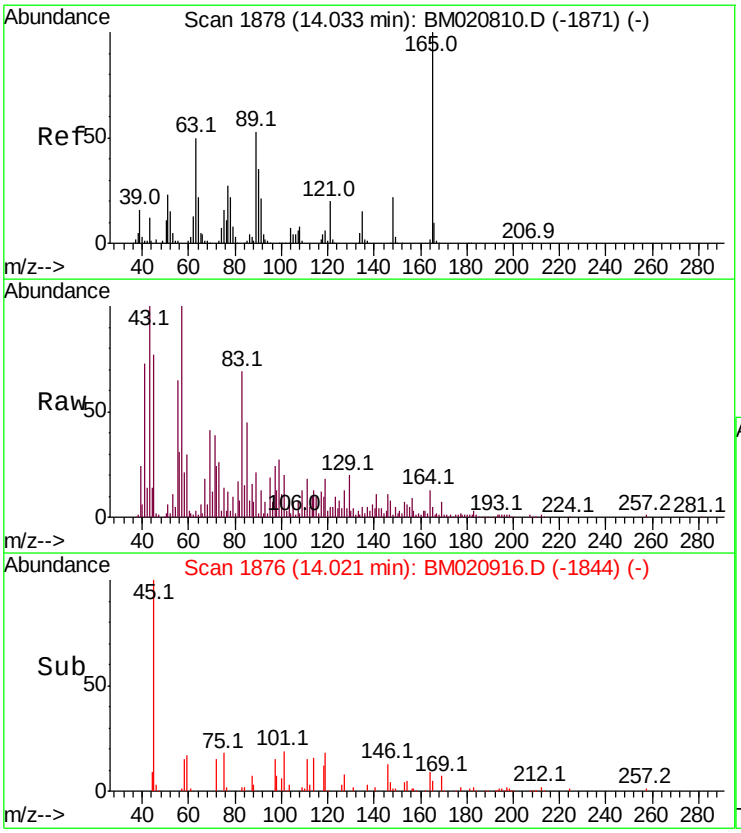
#42
2-Nitroaniline
Concen: 3.190 ng/ul
RT: 13.52 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 65 Resp: 36681

Ion	Ratio	Lower	Upper
65	100		
92	41.8	55.4	83.2#
138	201.2	86.0	129.0#

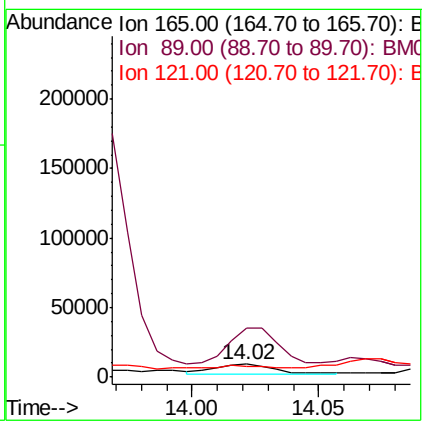


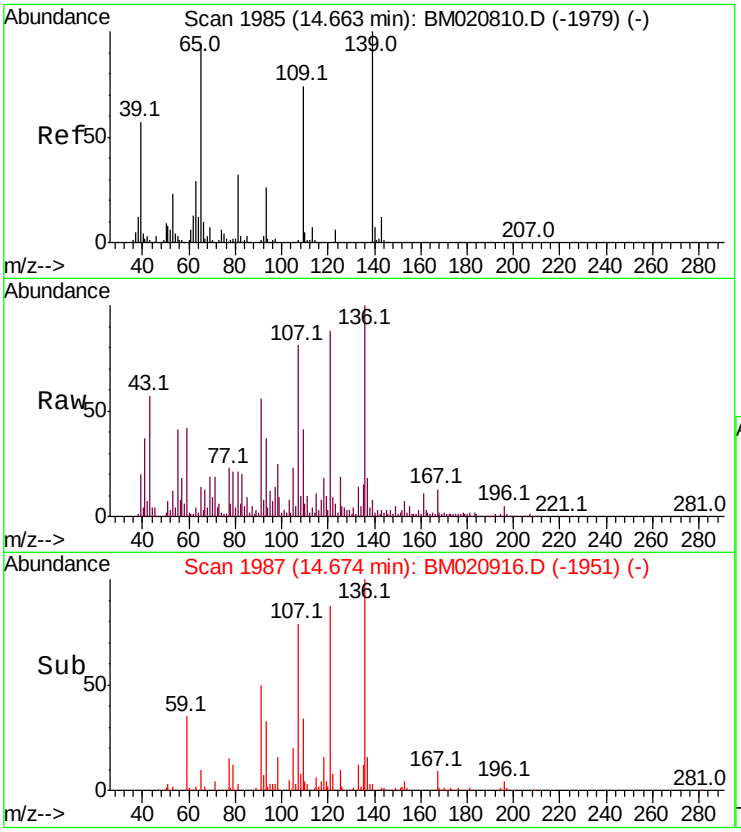


#45
2,6-Dinitrotoluene
Concen: 1.158 ng/ul
RT: 14.02 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Tgt Ion:165 Resp: 11926

Ion	Ratio	Lower	Upper
165	100		
89	376.6	43.1	64.7#
121	82.2	16.9	25.3#



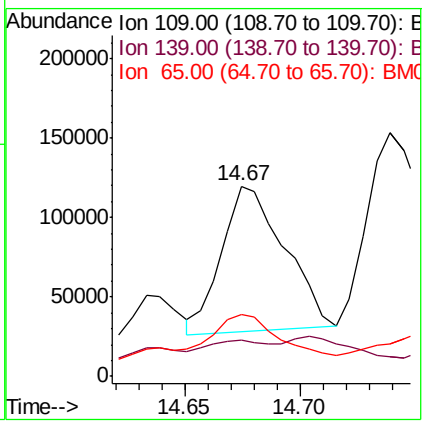


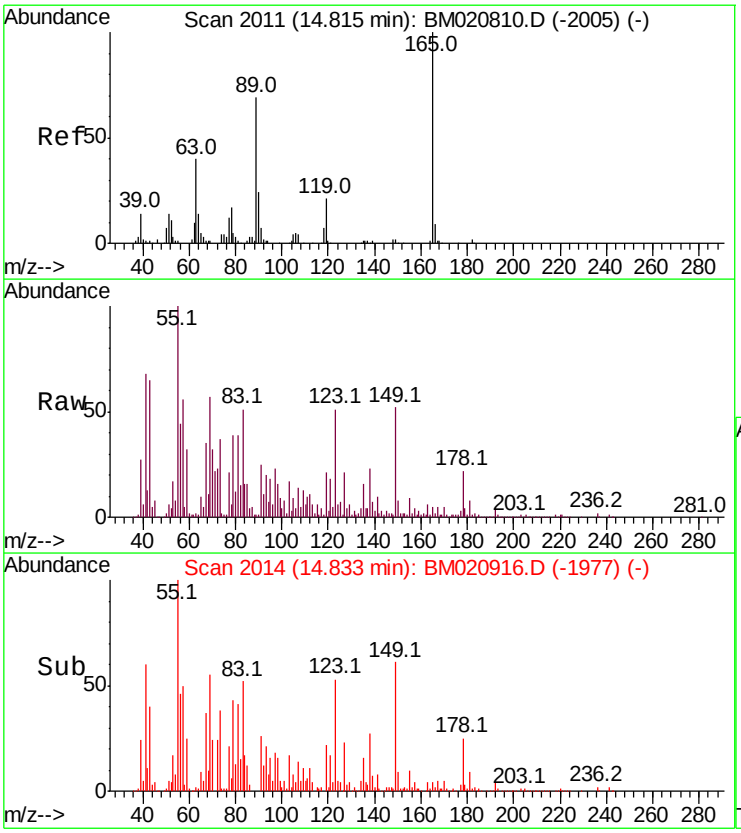
#52
4-Nitrophenol
Concen: 22.523 ng/ul
RT: 14.67 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 173805

Ion	Ratio	Lower	Upper
109	100		
139	19.0	105.9	158.9#
65	32.7	106.2	159.4#

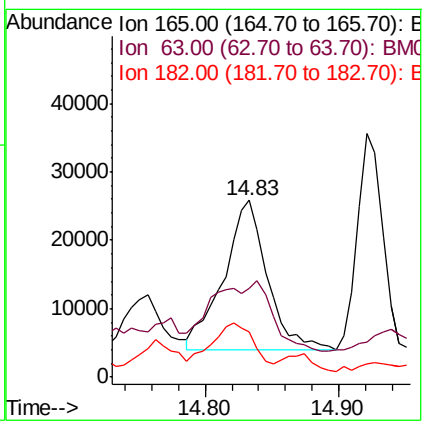


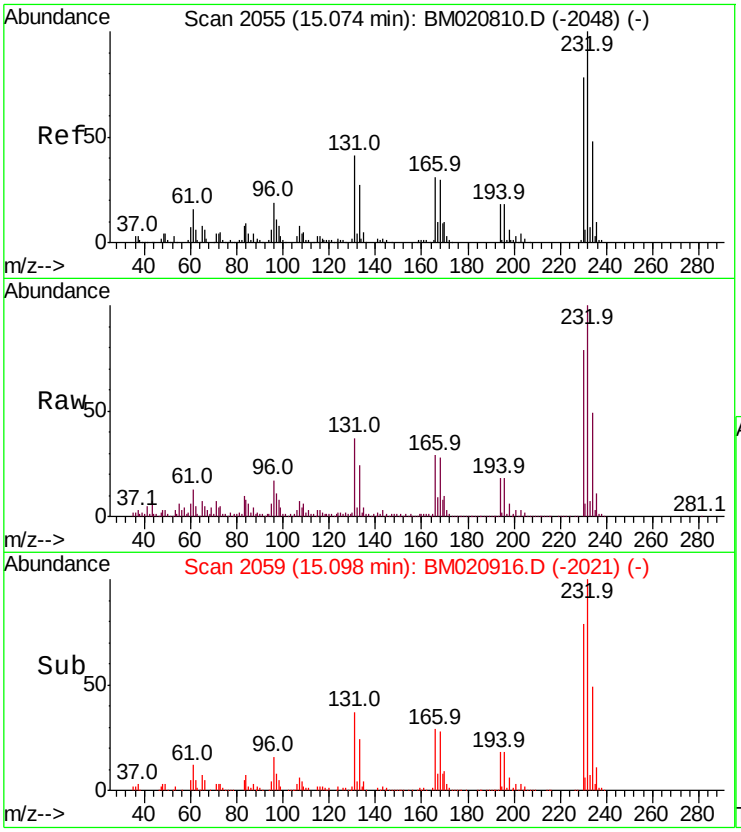


#54
2,4-Dinitrotoluene
Concen: 3.362 ng/ul
RT: 14.83 min Scan# 2014
Delta R.T. 0.02 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Tgt Ion:165 Resp: 50073

Ion	Ratio	Lower	Upper
165	100		
63	49.9	31.7	47.5#
182	25.5	2.2	3.4#



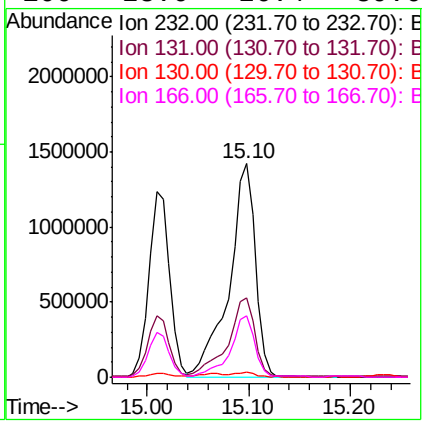


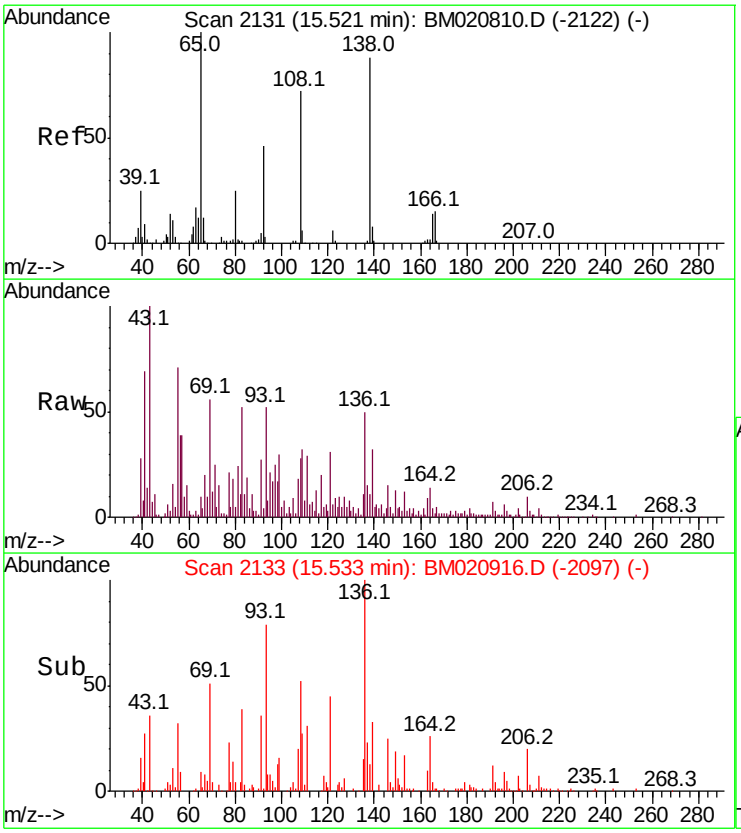
#55
2,3,4,6-Tetrachlorophenol
Concen: 193.677 ng/ul
RT: 15.10 min Scan# 2059
Delta R.T. 0.02 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:232 Resp: 2550781

Ion	Ratio	Lower	Upper
232	100		
131	37.4	36.3	54.5
130	2.1	1.9	2.9
166	28.6	26.4	39.6

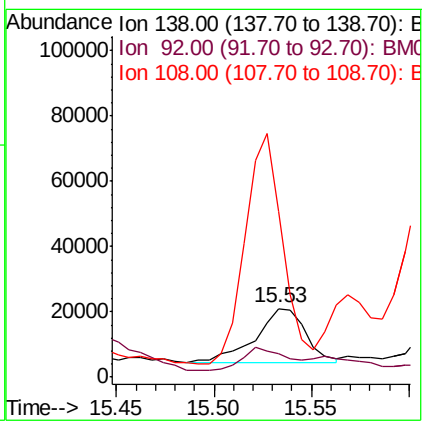


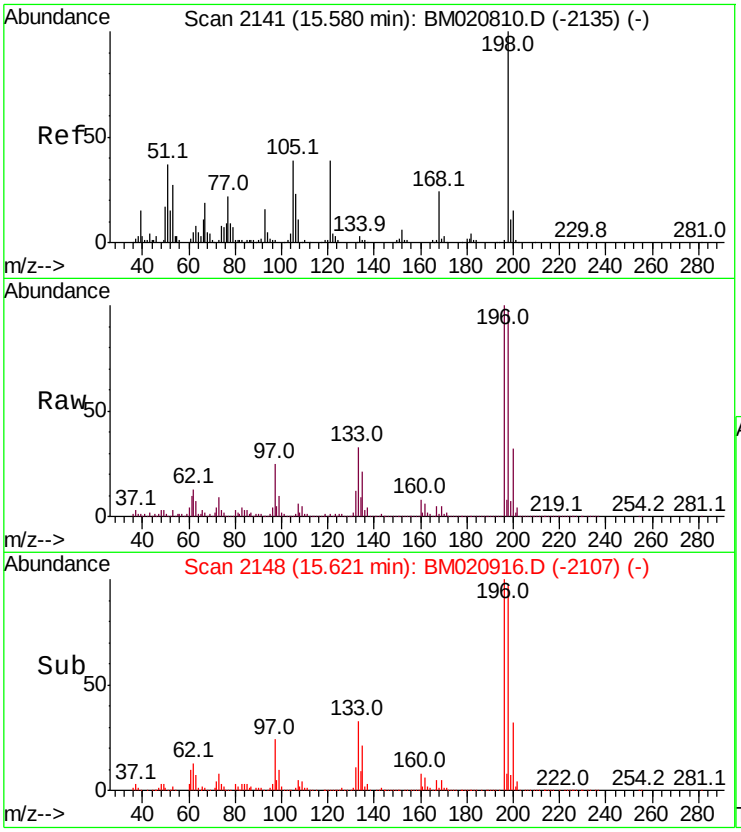


#60
4-Nitroaniline
Concen: 2.578 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Tgt Ion:138 Resp: 29031

Ion	Ratio	Lower	Upper
138	100		
92	34.3	43.6	65.4#
108	243.1	67.8	101.6#



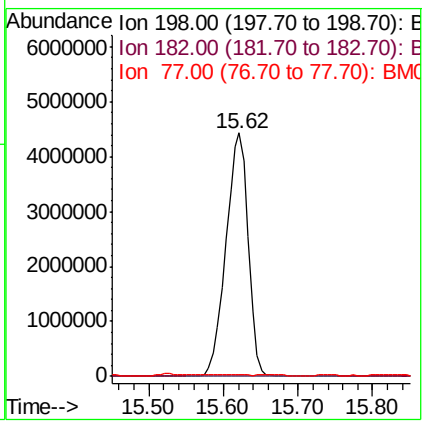


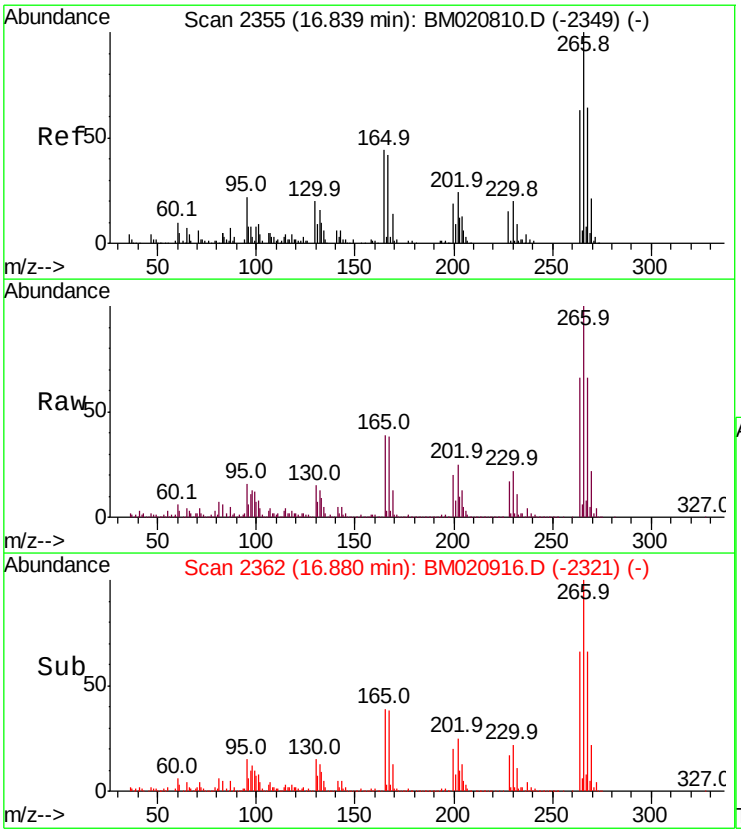
#63
4,6-Dinitro-2-methylphenol
Concen: 1120.601 ng/ul
RT: 15.62 min Scan# 2148
Delta R.T. 0.04 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:198 Resp: 9144311

Ion	Ratio	Lower	Upper
198	100		
182	0.1	3.7	5.5#
77	0.5	19.3	28.9#

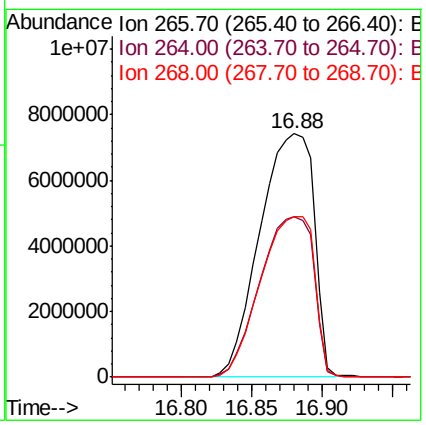


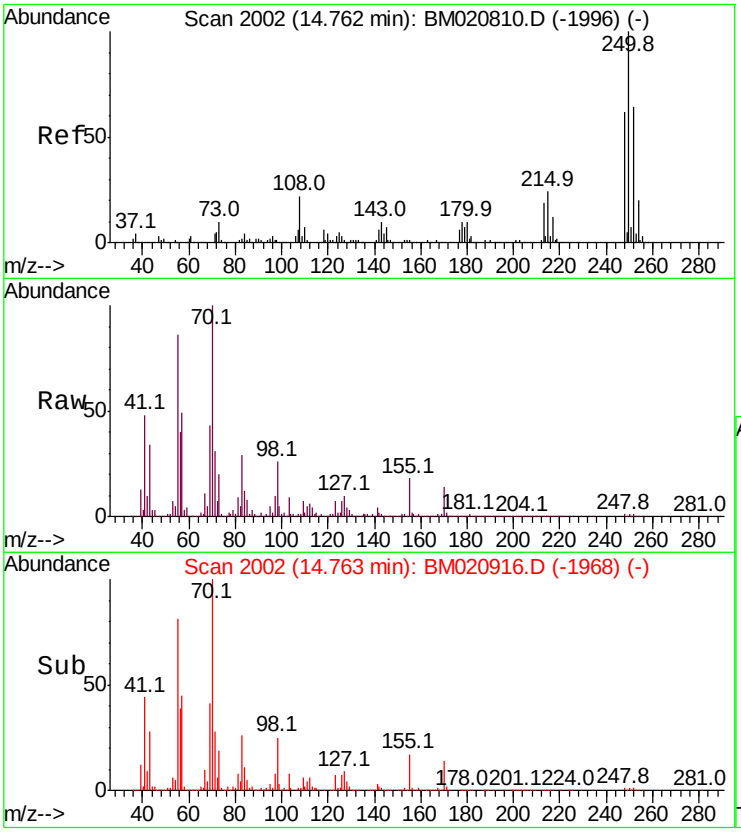


#68
Pentachlorophenol
Concen: 1893.770 ng/ul
RT: 16.88 min Scan# 2362
Delta R.T. 0.04 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Tgt Ion:266 Resp:19875849

Ion	Ratio	Lower	Upper
266	100		
264	66.1	50.3	75.5
268	66.1	51.2	76.8





#73
Pentachlorobenzene
Concen: 1.271 ng/uL
RT: 14.76 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BM020916.D
Acq: 12 Jun 2019 22:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:250 Resp: 26660

Ion	Ratio	Lower	Upper
250	100		
248	60.2	49.7	74.5
252	59.6	49.9	74.9