Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019488.D
Acq On : 27 Mar 2019 01:59
Operator : JU/SJ
Sample : K2069-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B2

Quant Time: Mar 27 03:43:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 27 03:30:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	406	20.00	ng/ul	-0.04
18) Naphthalene-d8	10.39	136	788833	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.26	164	441727	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	962565	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	856202	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	852414	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	18236	1758.56	ng/uL	0.00
5) Phenol-d5	6.79	99	128307	3548.78	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.00	67	290148	11987.16	ng/ul	0.05
9) 2-Chlorophenol-d4	7.15	132	324588	11845.76	ng/ul	0.02
13) 4-Methylphenol-d8	8.33	113	215903	7955.54	ng/ul	0.02
19) Nitrobenzene-d5	8.79	128	181274	32.21	ng/ul	0.02
22) 2-Nitrophenol-d4	9.49	143	210604	33.63	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.02	165	355106	30.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	27713	1.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	1113333	31.24	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1403309	31.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	35988	6.44	ng/ul	0.02
58) Fluorene-d10	15.26	176	959080	31.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	170020	26.71	ng/ul	0.00
71) Anthracene-d10	17.12	188	1474020	31.91	ng/ul	0.00
79) Pyrene-d10	19.42	212	1495071	37.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	1340455	29.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	135	11.441	ng/uL#	1
4) Benzaldehyde	6.72	77	250	9.653	ng/ul#	5
6) Phenol	6.82	94	232263	6156.281	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.00	93	1717	59.489	ng/ul#	45
10) 2-Chlorophenol	7.19	128	530942	19060.594	ng/ul	98
11) 2-Methylphenol	8.04	108	349365	13277.850	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.07	45	441	16.119	ng/ul#	1
14) Acetophenone	8.46	105	11235	254.203	ng/ul	86
15) N-Nitroso-di-n-propylamine	8.33	70	6067	244.957	ng/ul#	1
17) Hexachloroethane	8.70	117	298	25.455	ng/ul#	1
20) Nitrobenzene	8.83	77	19327	1.154	ng/ul	96
27) 2,4-Dichlorophenol	10.05	162	29993	2.568	ng/ul	91
28) Naphthalene	10.52	128	97718	2.391	ng/ul#	1
30) 4-Chloroaniline	10.52	127	1299397	86.972	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	36737	2.614	ng/ul#	95
45) Dimethylphthalate	13.73	163	77202	2.159	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.86	232	11982	1.512	ng/ul#	91
73) 1,2,3,4-Tetrachlorobenzene	13.04	216	56424	4.043	ng/uL	97

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

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Quant Title : SVOA CALIBRATION
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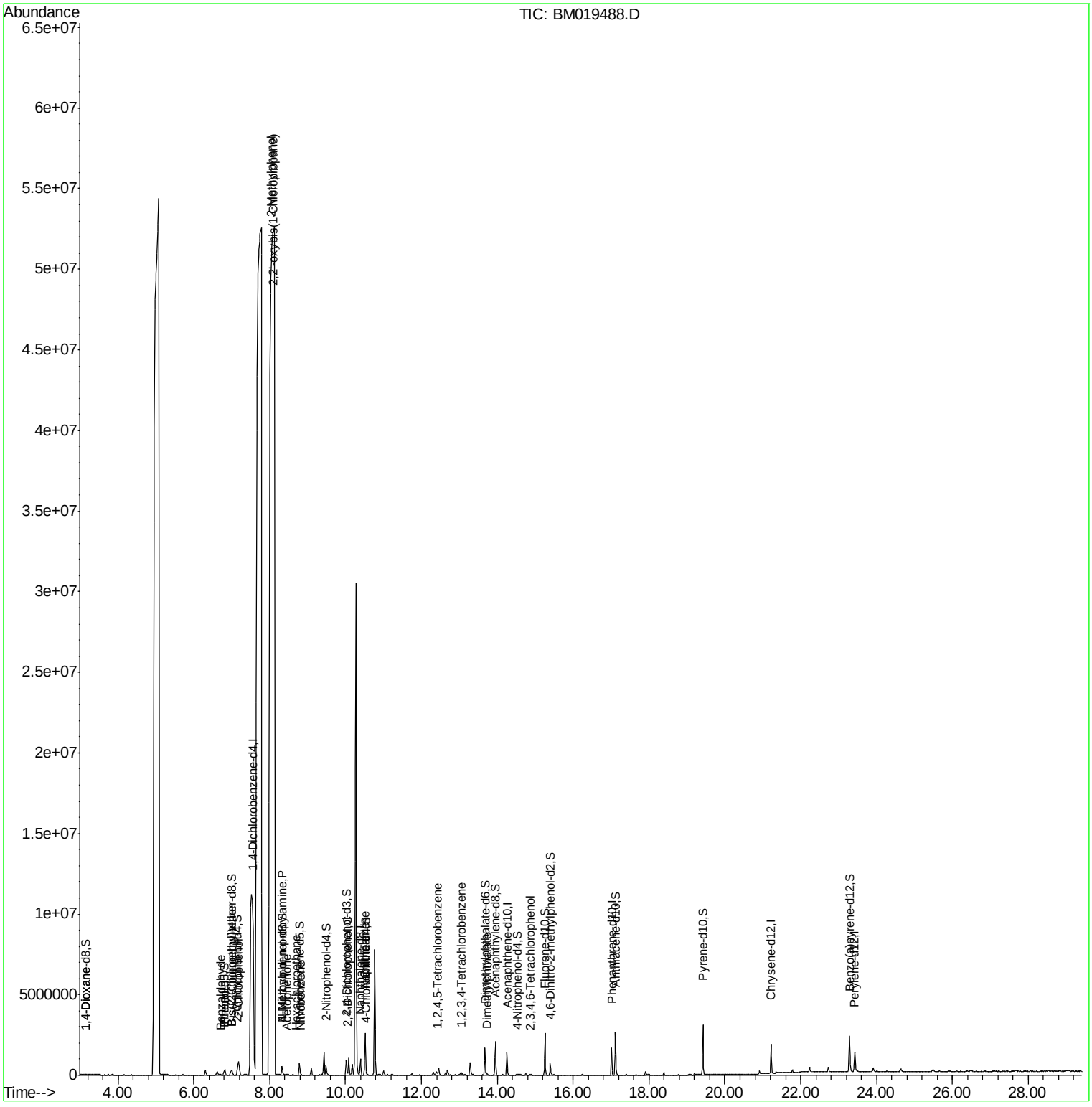
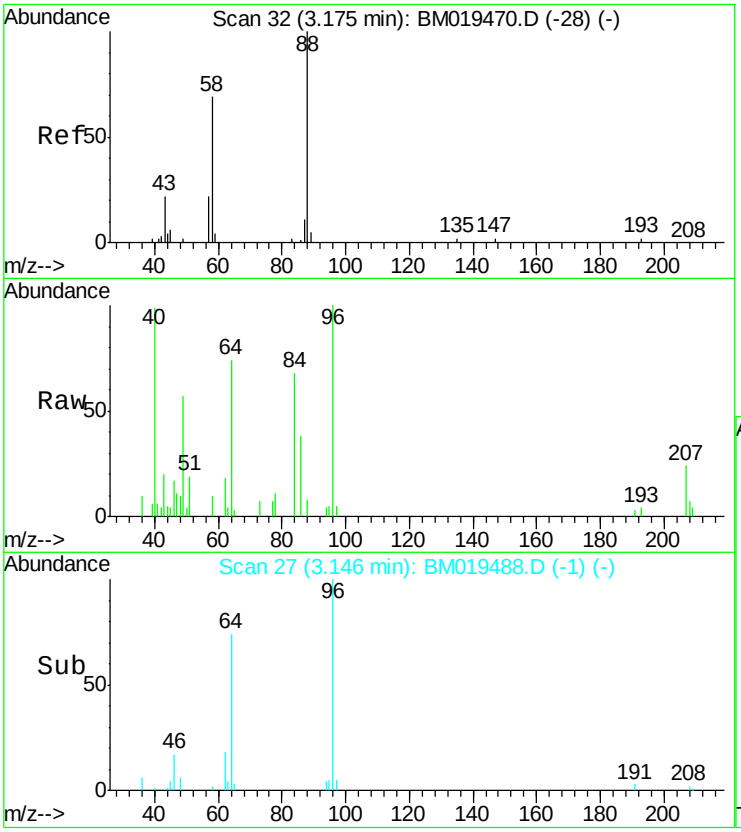


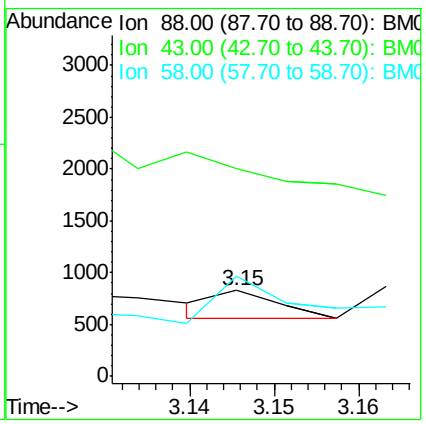


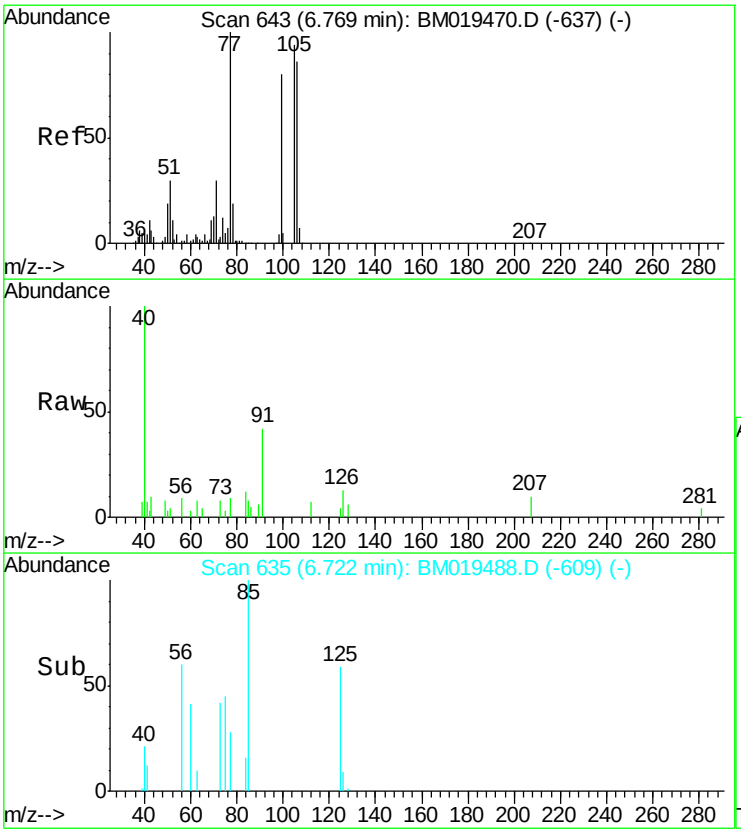
#2
1,4-Dioxane
Concen: 11.441 ng/uL
RT: 3.15 min Scan# 27
Delta R.T. -0.03 min
Lab File: BM019488.D
Acq: 27 Mar 2019 01:59

Instrument :
BNA_M
ClientSampleId :
C09B2

Tgt Ion: 88 Resp: 135

Ion	Ratio	Lower	Upper
88	100		
43	241.4	29.0	43.4#
58	117.1	45.9	68.9#

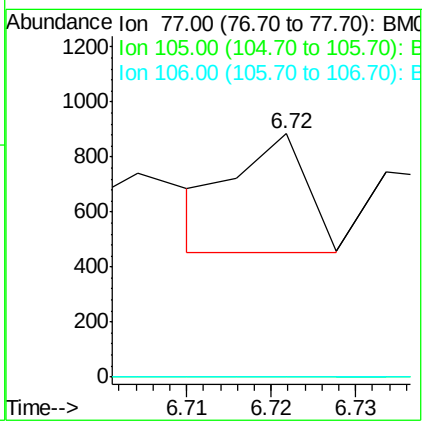


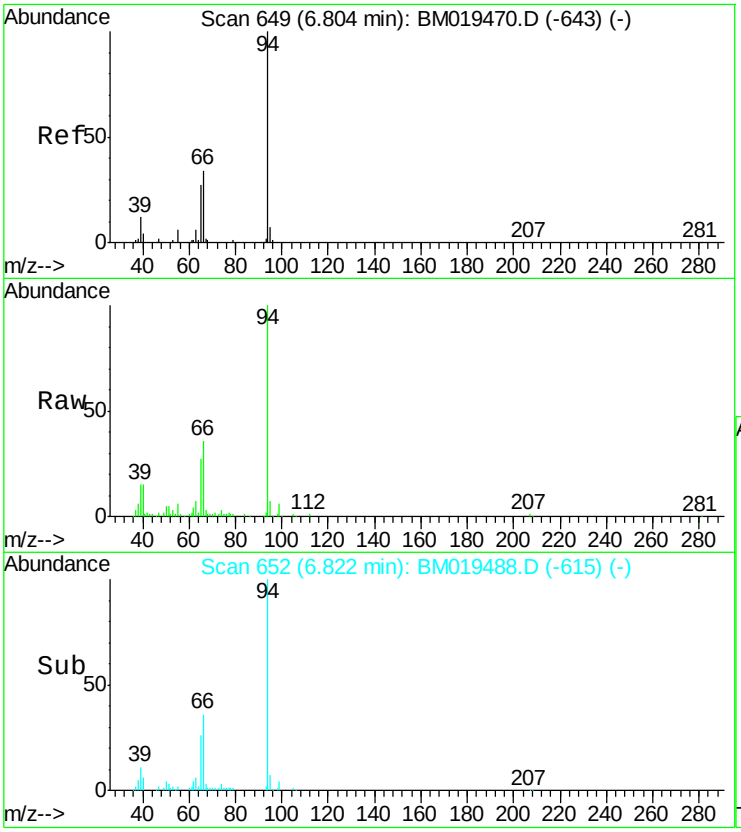


#4
Benzaldehyde
Concen: 9.653 ng/ul
RT: 6.72 min Scan# 635
Delta R.T. -0.05 min
Lab File: BM019488.D
Acq: 27 Mar 2019 01:59

Tgt Ion: 77 Resp: 250

Ion	Ratio	Lower	Upper
77	100		
105	0.0	71.0	106.6#
106	0.0	69.5	104.3#



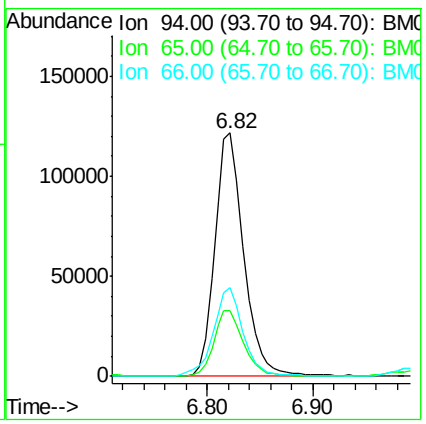


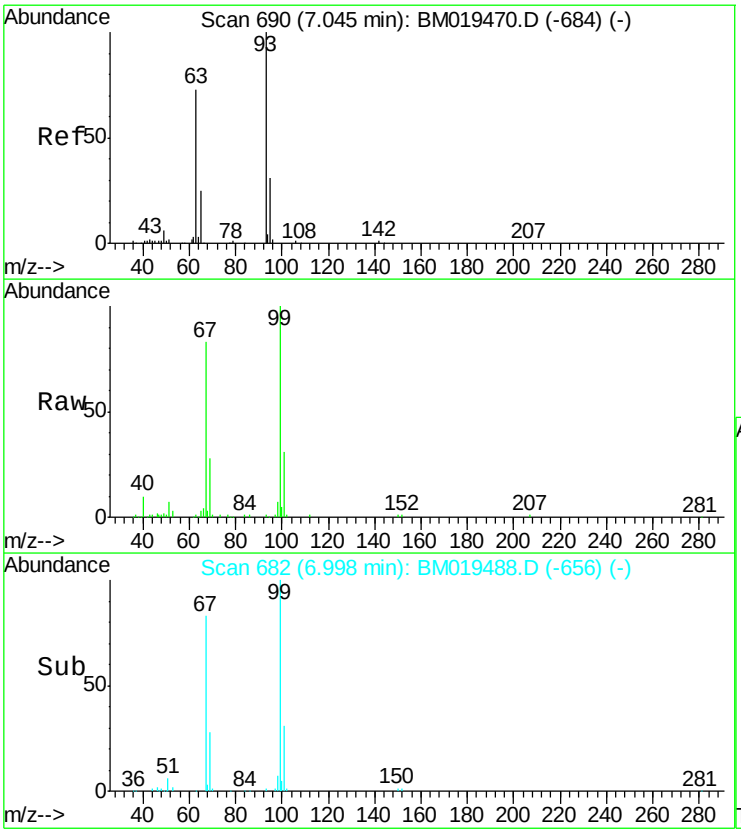
#6
Phenol
Concen: 6156.281 ng/ul
RT: 6.82 min Scan# 652
Delta R.T. 0.02 min
Lab File: BM019488.D
Acq: 27 Mar 2019 01:59

Instrument :
BNA_M
ClientSampleId :
C09B2

Tgt Ion: 94 Resp: 232263

Ion	Ratio	Lower	Upper
94	100		
65	27.1	23.0	34.6
66	36.4	30.4	45.6

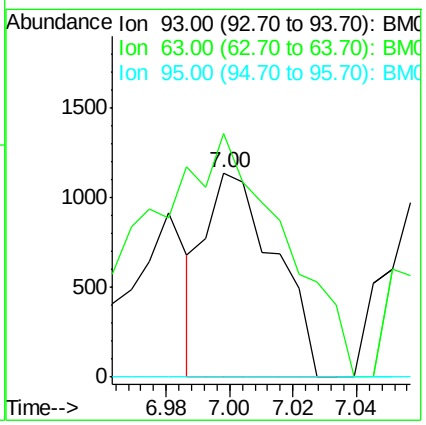


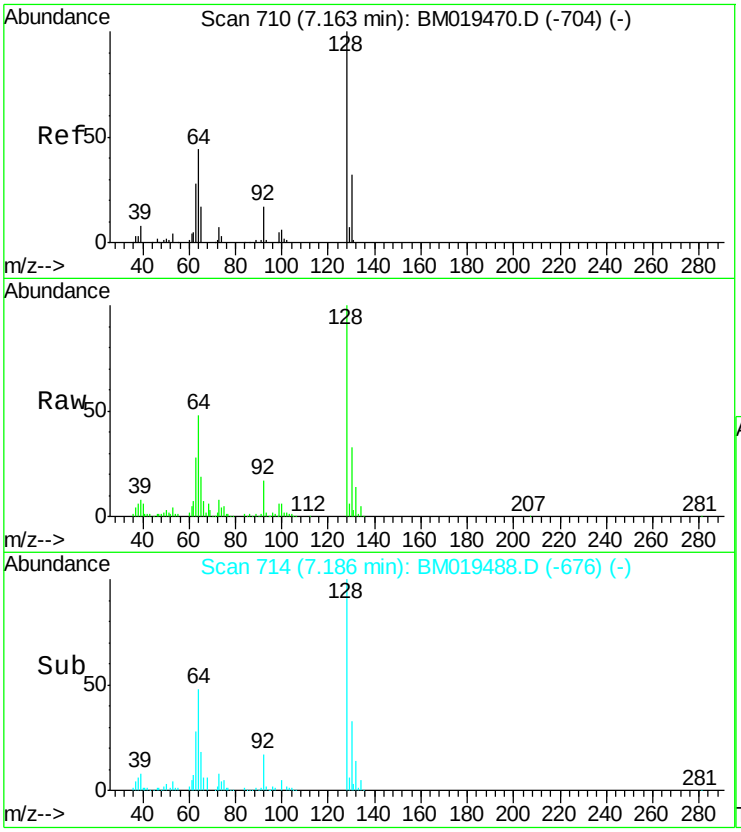


#8
Bis(2-Chloroethyl)ether
Concen: 59.489 ng/ul
RT: 7.00 min Scan# 682
Delta R.T. -0.05 min
Lab File: BM019488.D
Acq: 27 Mar 2019 01:59

Tgt Ion: 93 Resp: 1717

Ion	Ratio	Lower	Upper
93	100		
63	119.2	59.4	89.2#
95	0.0	26.4	39.6#



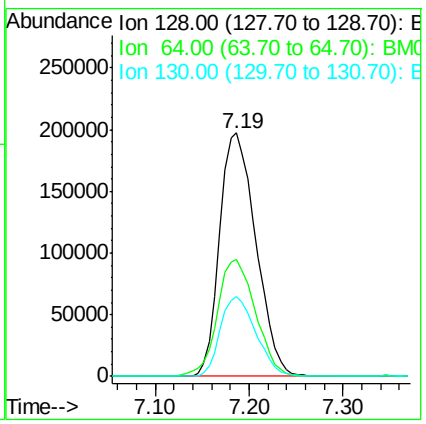


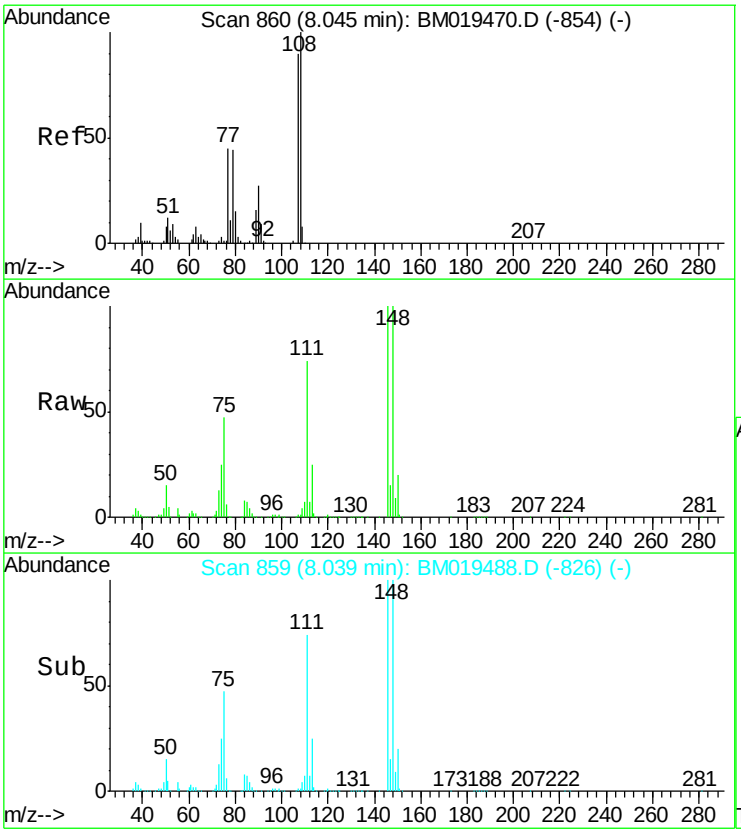
#10
2-Chlorophenol
Concen: 19060.594 ng/ul
RT: 7.19 min Scan# 714
Delta R.T. 0.02 min
Lab File: BM019488.D
Acq: 27 Mar 2019 01:59

Instrument :
BNA_M
ClientSampleId :
C09B2

Tgt Ion:128 Resp: 530942

Ion	Ratio	Lower	Upper
128	100		
64	48.0	39.8	59.6
130	32.5	25.8	38.8

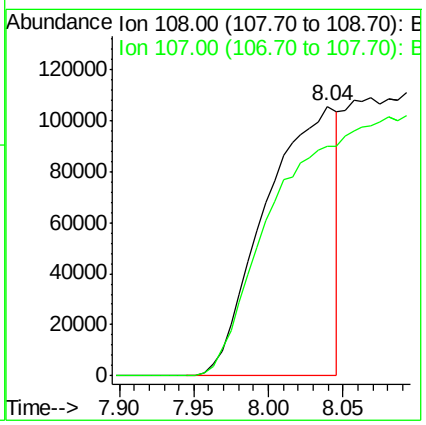


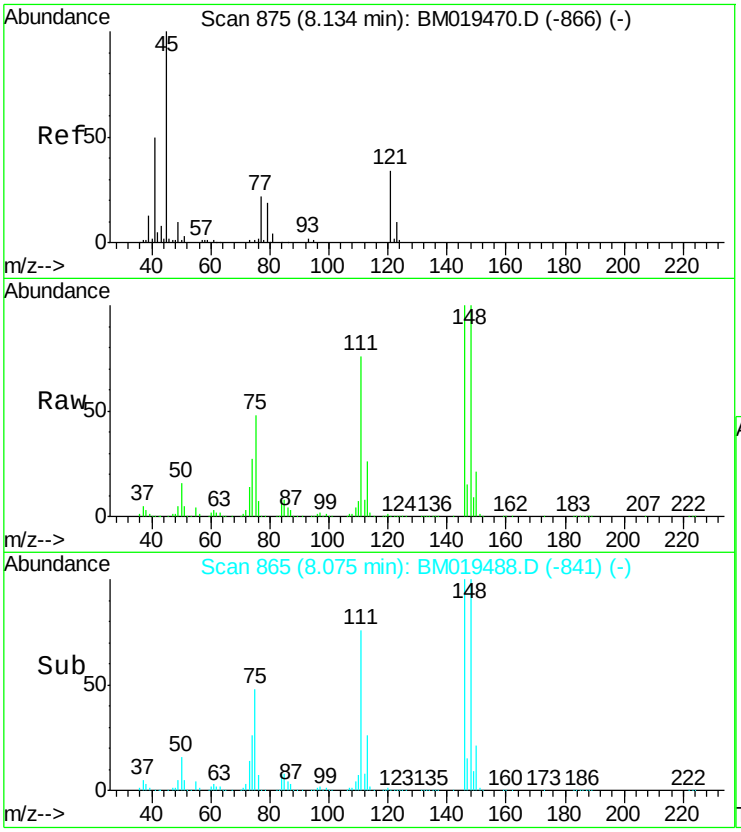


#11
2-Methylphenol
Concen: 13277.850 ng/ul
RT: 8.04 min Scan# 859
Delta R.T. -0.01 min
Lab File: BM019488.D
Acq: 27 Mar 2019 01:59

Tgt Ion:108 Resp: 349365

Ion	Ratio	Lower	Upper
108	100		
107	85.1	74.1	111.1



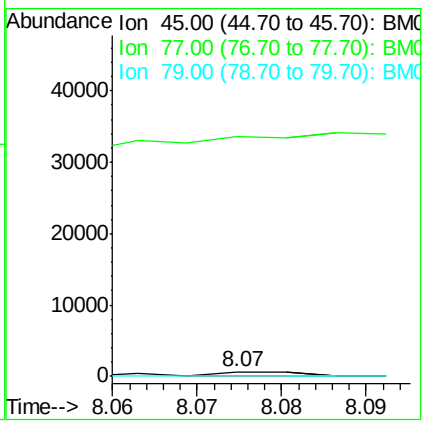


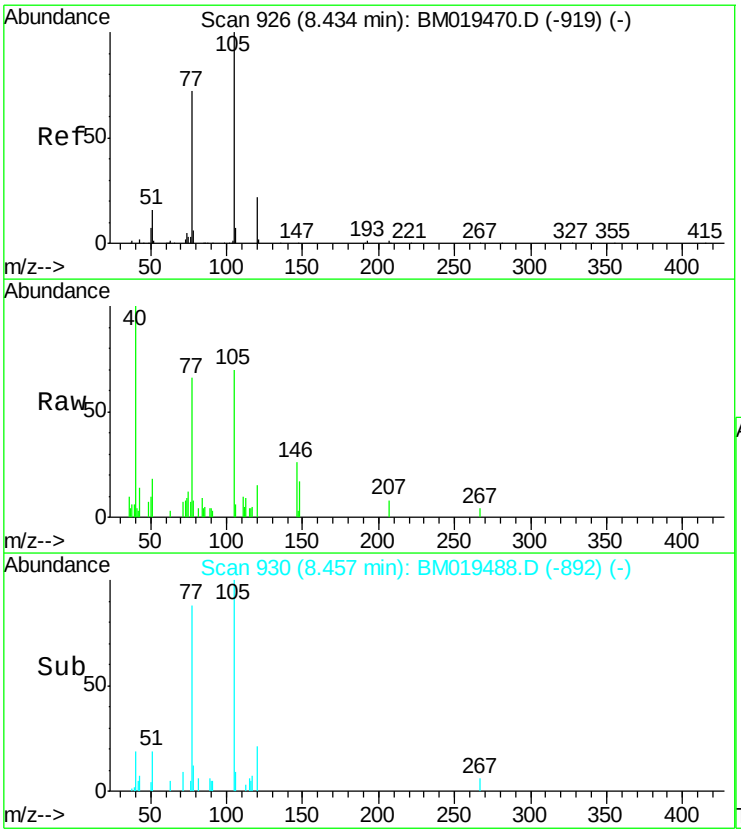
#12
2,2'-oxybis(1-Chloropropane)
Concen: 16.119 ng/ul
RT: 8.07 min Scan# 865
Delta R.T. -0.06 min
Lab File: BM019488.D
Acq: 27 Mar 2019 01:59

Instrument :
BNA_M
ClientSampleId :
C09B2

Tgt Ion: 45 Resp: 441

Ion	Ratio	Lower	Upper
45	100		
77	4915.8	12.5	18.7#
79	0.0	9.4	14.2#

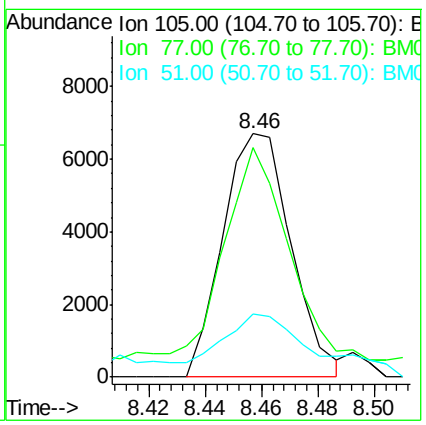


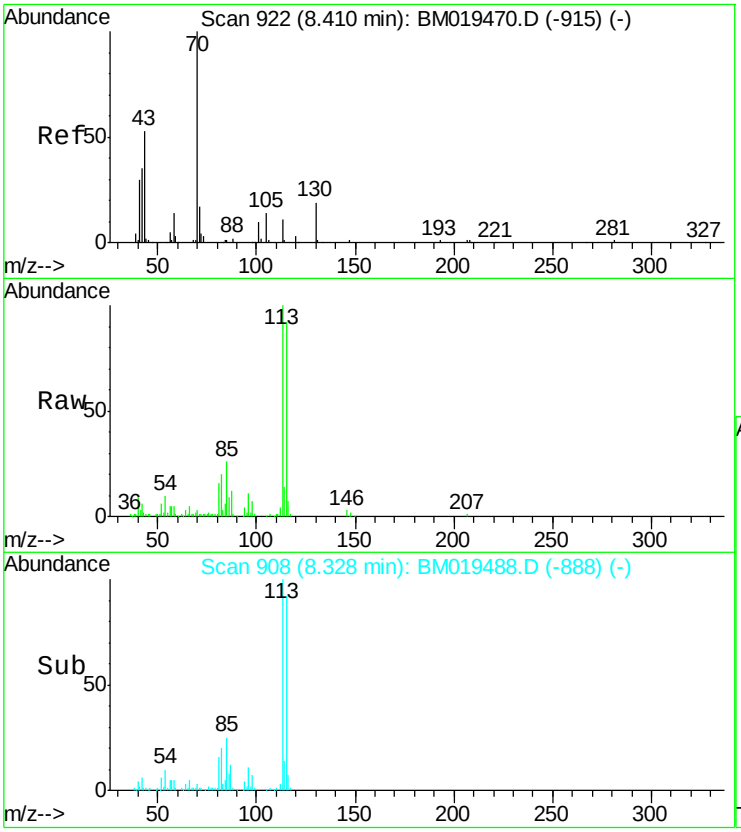


#14
Acetophenone
Concen: 254.203 ng/ul
RT: 8.46 min Scan# 930
Delta R.T. 0.02 min
Lab File: BM019488.D
Acq: 27 Mar 2019 01:59

Tgt Ion:105 Resp: 11235

Ion	Ratio	Lower	Upper
105	100		
77	94.3	63.2	94.8
51	25.9	19.8	29.8



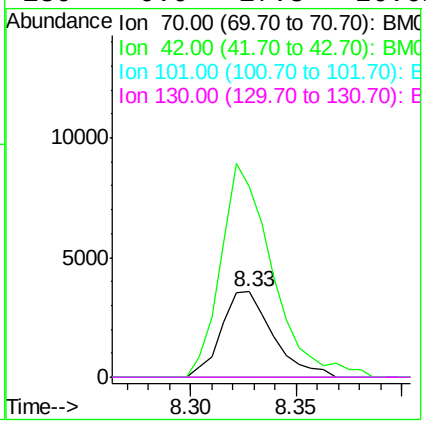


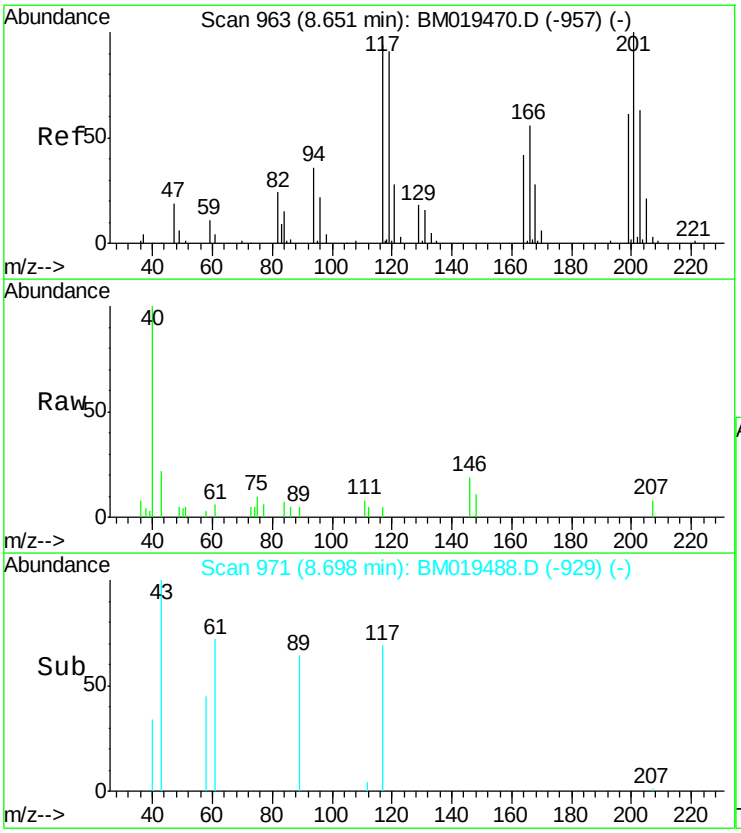
#15
N-Nitroso-di-n-propylamine
Concen: 244.957 ng/ul
RT: 8.33 min Scan# 908
Delta R.T. -0.08 min
Lab File: BM019488.D
Acq: 27 Mar 2019 01:59

Instrument :
BNA_M
ClientSampleId :
C09B2

Tgt Ion: 70 Resp: 6067

Ion	Ratio	Lower	Upper
70	100		
42	223.4	40.2	60.4#
101	0.0	7.7	11.5#
130	0.0	17.8	26.6#

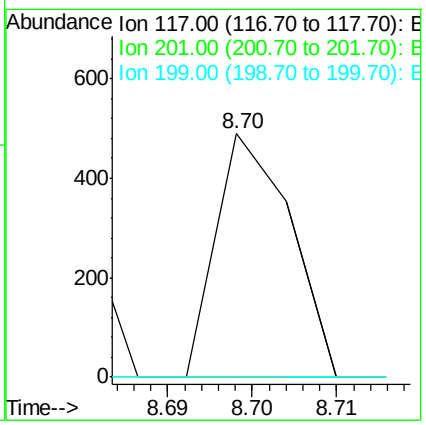


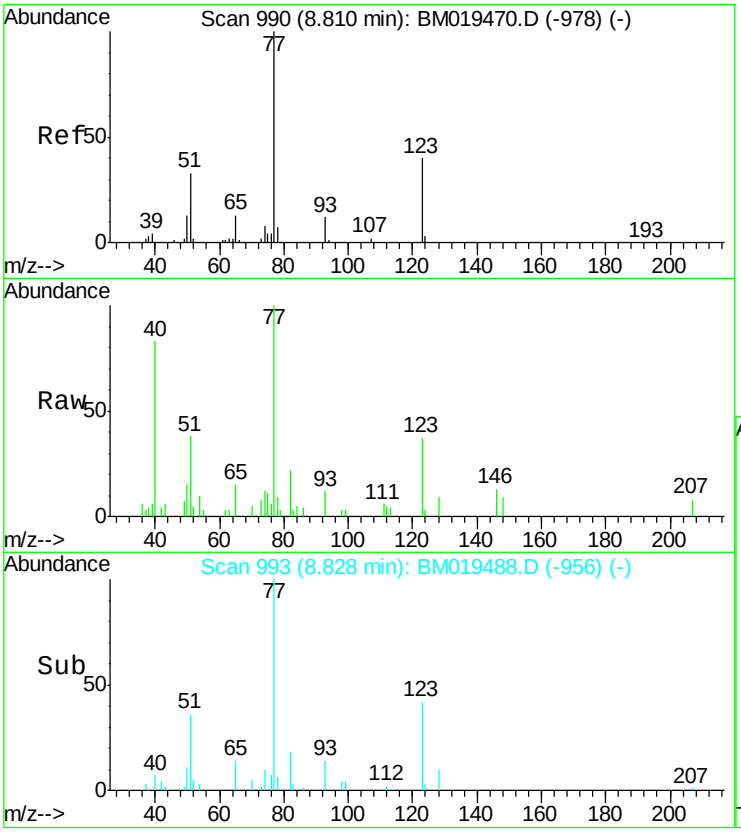


#17
Hexachloroethane
Concen: 25.455 ng/ul
RT: 8.70 min Scan# 971
Delta R.T. 0.05 min
Lab File: BM019488.D
Acq: 27 Mar 2019 01:59

Tgt Ion:117 Resp: 298

Ion	Ratio	Lower	Upper
117	100		
201	0.0	96.1	144.1#
199	0.0	59.7	89.5#



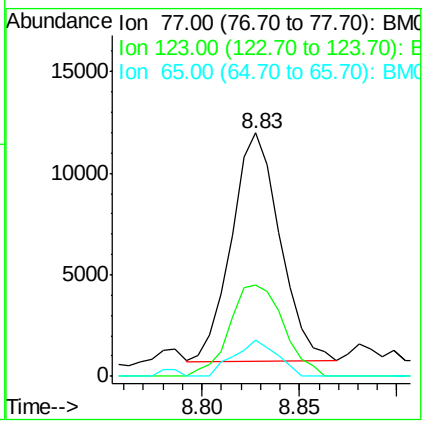


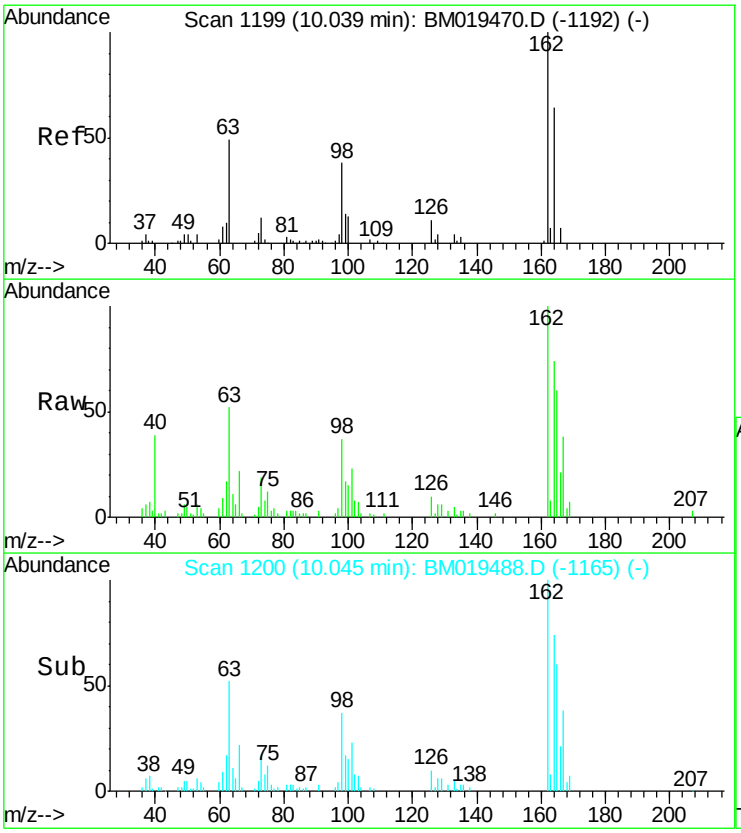
#20
Nitrobenzene
Concen: 1.154 ng/ul
RT: 8.83 min Scan# 993
Delta R.T. 0.02 min
Lab File: BM019488.D
Acq: 27 Mar 2019 01:59

Instrument :
BNA_M
ClientSampleId :
C09B2

Tgt Ion: 77 Resp: 19327

Ion	Ratio	Lower	Upper
77	100		
123	37.3	31.8	47.8
65	14.9	10.6	16.0

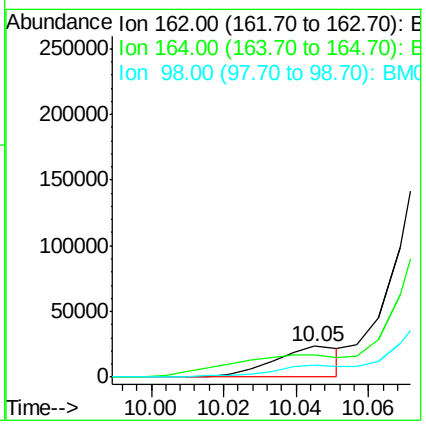


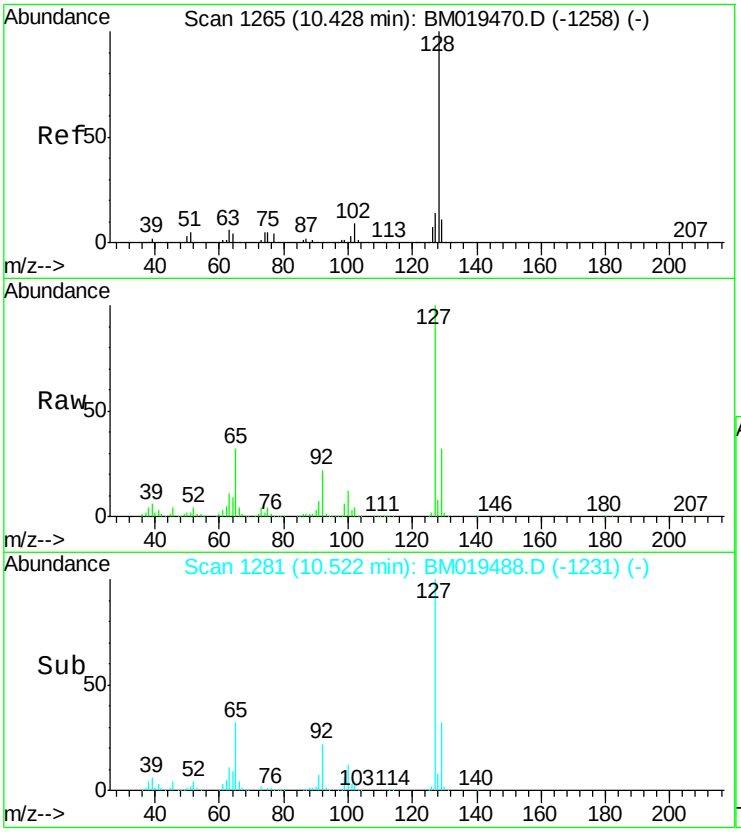


#27
2,4-Dichlorophenol
Concen: 2.568 ng/ul
RT: 10.05 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BM019488.D
Acq: 27 Mar 2019 01:59

Tgt Ion:162 Resp: 29993

Ion	Ratio	Lower	Upper
162	100		
164	73.5	52.0	78.0
98	37.0	26.6	39.8



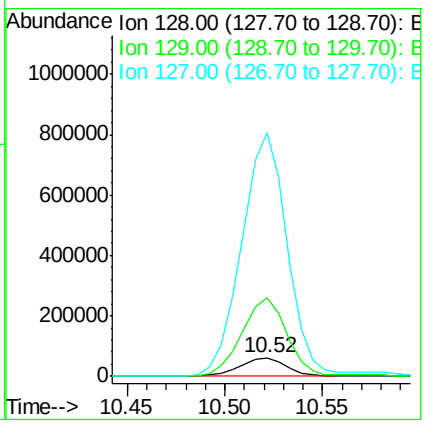


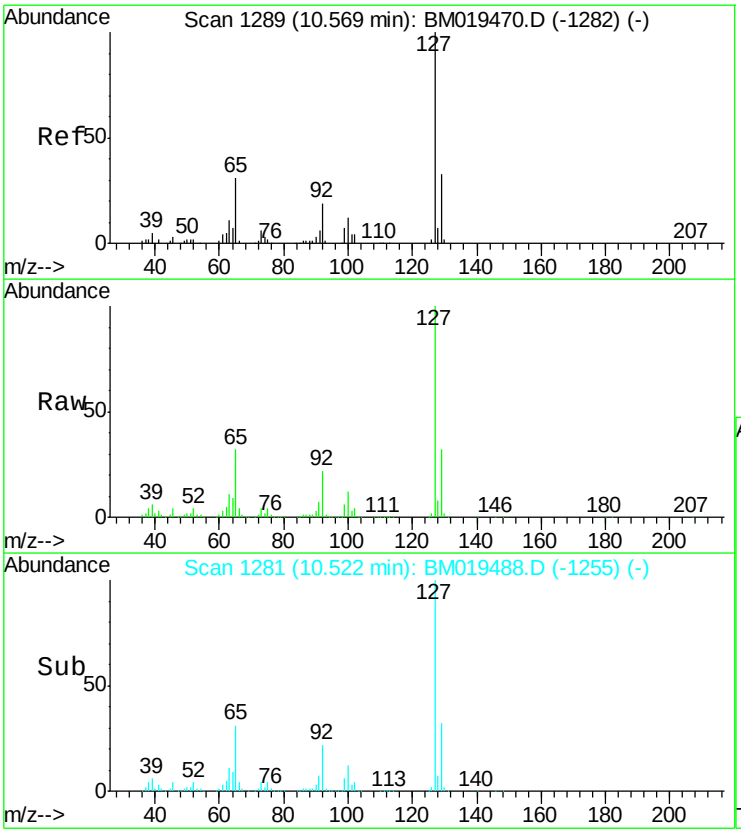
#28
Naphthalene
Concen: 2.391 ng/ul
RT: 10.52 min Scan# 1281
Delta R.T. 0.09 min
Lab File: BM019488.D
Acq: 27 Mar 2019 01:59

Instrument :
BNA_M
ClientSampleId :
C09B2

Tgt Ion:128 Resp: 97718

Ion	Ratio	Lower	Upper
128	100		
129	423.5	8.3	12.5#
127	1320.6	10.8	16.2#

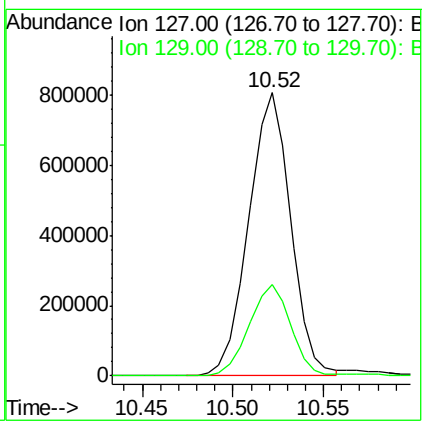


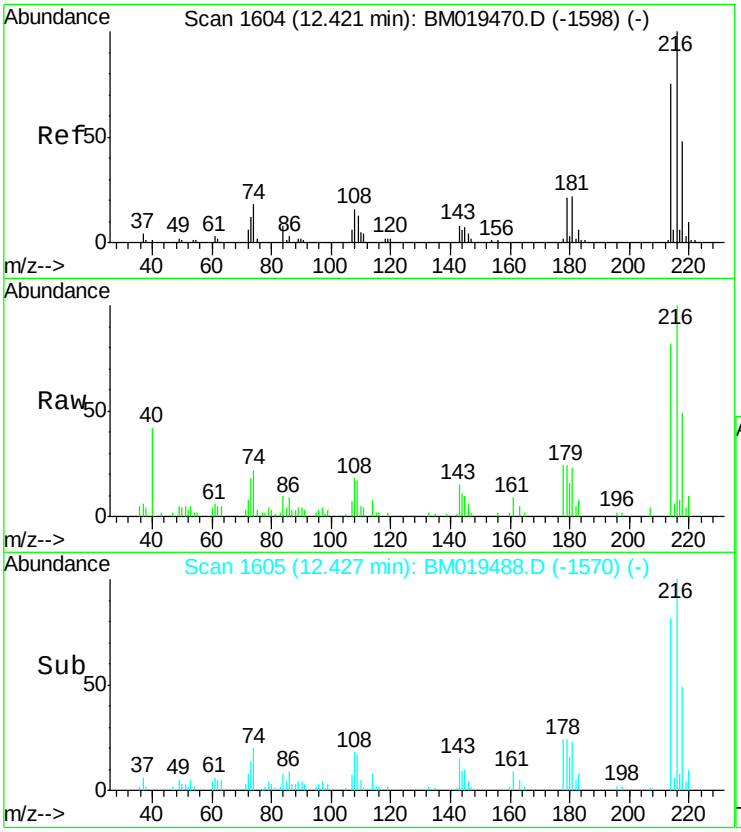


#30
4-Chloroaniline
Concen: 86.972 ng/ul
RT: 10.52 min Scan# 1281
Delta R.T. -0.05 min
Lab File: BM019488.D
Acq: 27 Mar 2019 01:59

Tgt Ion:127 Resp: 1299397

Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.6	37.0



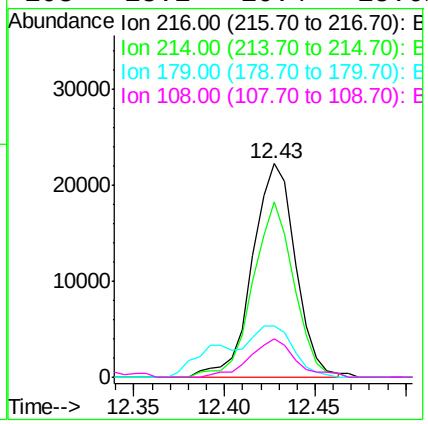


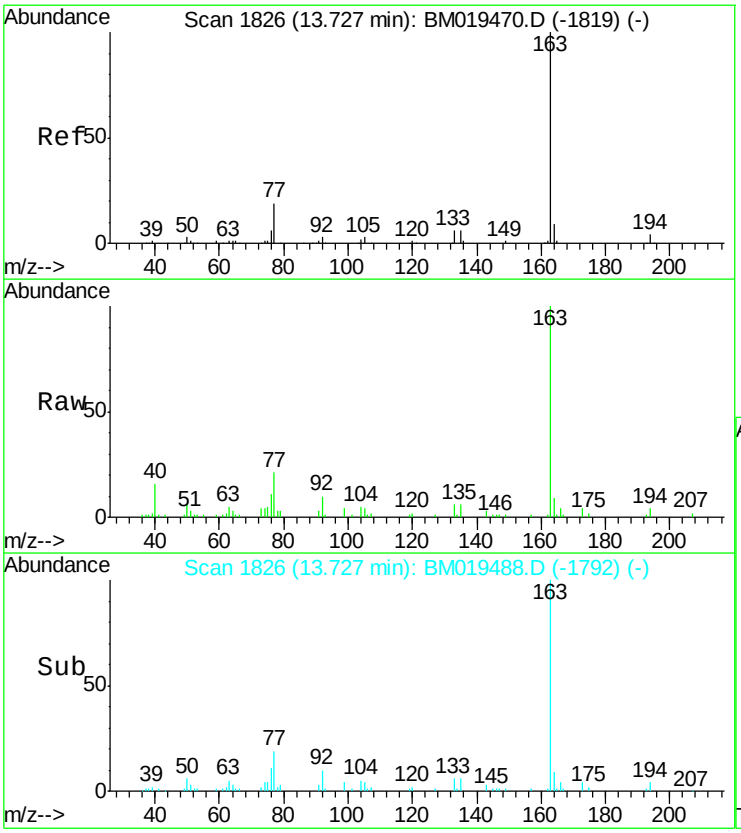
#37
1,2,4,5-Tetrachlorobenzene
Concen: 2.614 ng/ul
RT: 12.43 min Scan# 1605
Delta R.T. 0.01 min
Lab File: BM019488.D
Acq: 27 Mar 2019 01:59

Instrument :
BNA_M
ClientSampleId :
C09B2

Tgt Ion:216 Resp: 36737

Ion	Ratio	Lower	Upper
216	100		
214	81.9	64.1	96.1
179	24.2	14.5	21.7#
108	18.1	10.4	15.6#

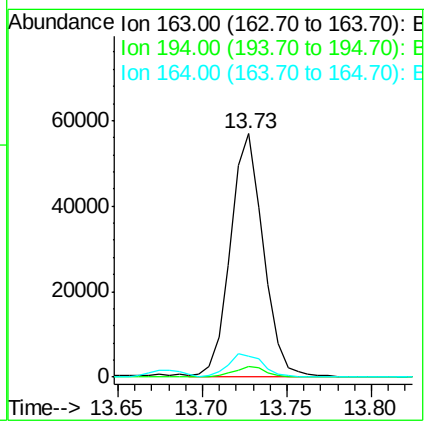


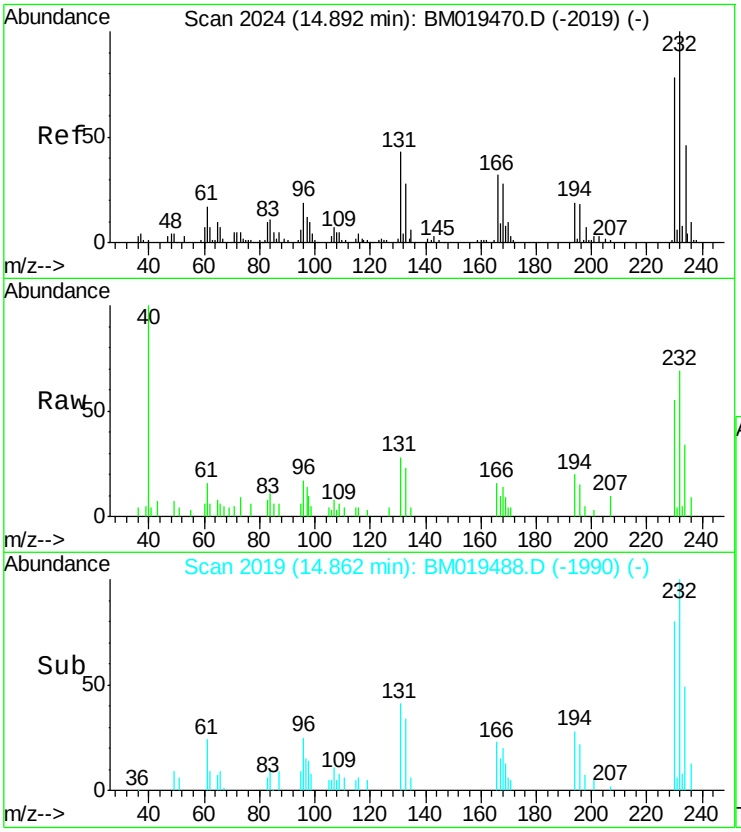


#45
Dimethylphthalate
Concen: 2.159 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BM019488.D
Acq: 27 Mar 2019 01:59

Tgt Ion:163 Resp: 77202

Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.0	6.0
164	8.8	8.4	12.6



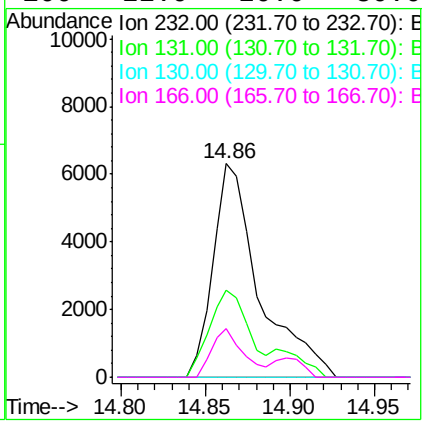


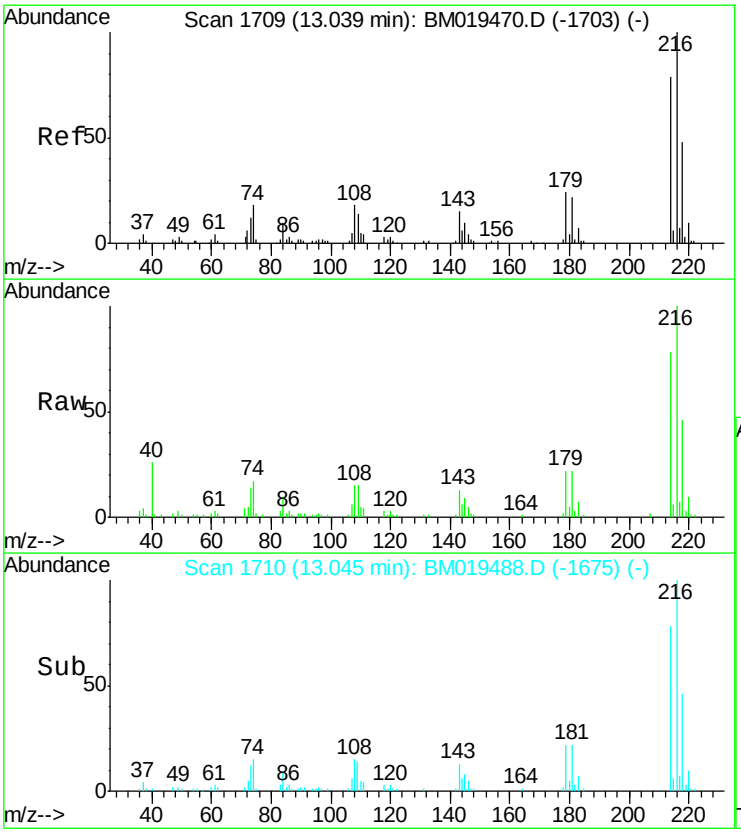
#56
2,3,4,6-Tetrachlorophenol
Concen: 1.512 ng/ul
RT: 14.86 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BM019488.D
Acq: 27 Mar 2019 01:59

Instrument :
BNA_M
ClientSampleId :
C09B2

Tgt Ion:232 Resp: 11982

Ion	Ratio	Lower	Upper
232	100		
131	41.1	27.1	40.7#
130	0.0	0.0	0.0
166	22.9	20.0	30.0





#73
1,2,3,4-Tetrachlorobenzene
Concen: 4.043 ng/uL
RT: 13.04 min Scan# 1710
Delta R.T. 0.01 min
Lab File: BM019488.D
Acq: 27 Mar 2019 01:59

Tgt Ion:216 Resp: 56424

Ion	Ratio	Lower	Upper
216	100		
214	78.0	64.1	96.1
218	46.4	39.4	59.0