Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021042.D
Acq On : 19 Jun 2019 19:16
Operator : HP/JU
Sample : K3213-07MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8H8MSD

Quant Time: Jun 20 04:05:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 03:45:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	228096	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	994307	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	623060	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1397259	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1225906	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	1352206	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	8314	1.73	ng/uL	0.00
5) Phenol-d5	6.95	99	150948	7.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	367808	31.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	436195	27.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	284731	17.18	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	274286	33.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	310827	34.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	559159	30.68	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.84	166	1975417	35.09	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2174914	31.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	56392	6.16	ng/ul	0.00
57) Fluorene-d10	15.42	176	1653152	33.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	261784	30.48	ng/ul	0.00
70) Anthracene-d10	17.27	188	2557081	35.22	ng/ul	0.00
78) Pyrene-d10	19.56	212	2753601	37.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.48	264	2489265	31.20	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.97	94	161730	8.612	ng/ul	98
10) 2-Chlorophenol	7.35	128	435689	28.659	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	475021	38.266	ng/ul	97
33) 4-Chloro-3-methylphenol	11.86	107	515132	30.456	ng/ul	98
49) Acenaphthene	14.49	153	1539953	35.600	ng/ul	99
52) 4-Nitrophenol	14.64	109	52273	7.717	ng/ul	93
54) 2,4-Dinitrotoluene	14.80	165	544784	38.381	ng/ul	99
68) Pentachlorophenol	16.82	266	413859	42.030	ng/ul	98
79) Pyrene	19.59	202	3597411	41.508	ng/ul	99

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

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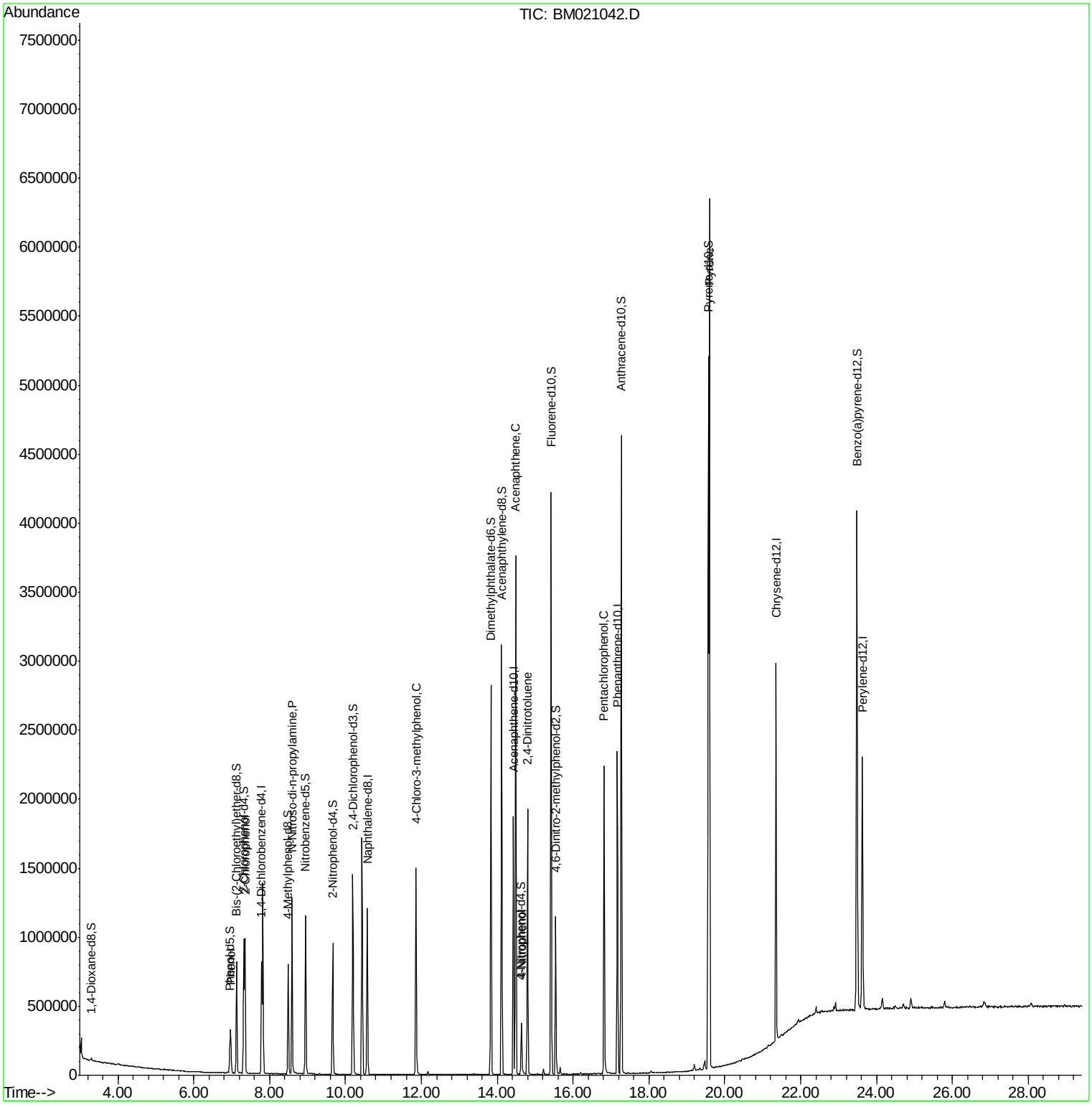
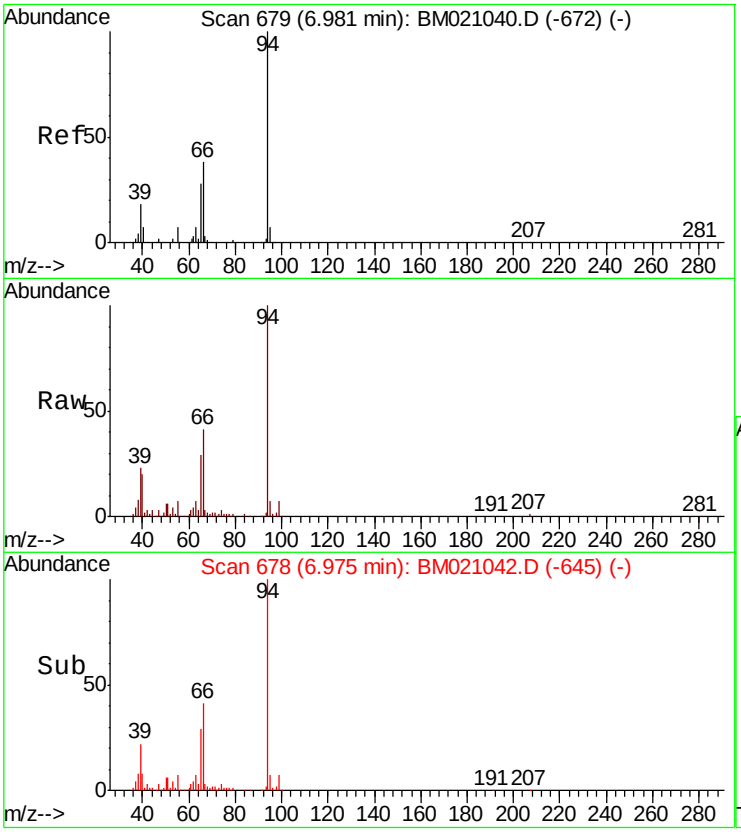


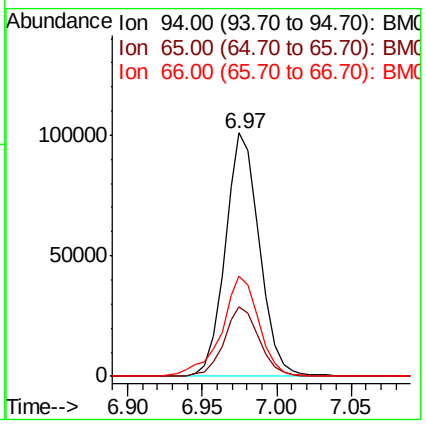


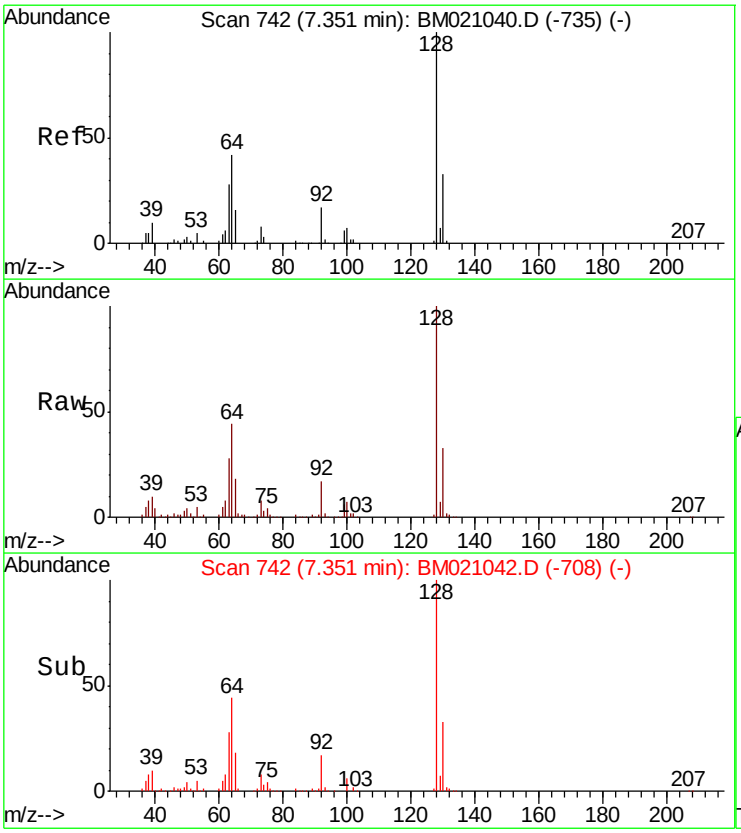
#6
Phenol
Concen: 8.612 ng/ul
RT: 6.97 min Scan# 678
Delta R.T. -0.01 min
Lab File: BM021042.D
Acq: 19 Jun 2019 19:16

Instrument :
BNA_M
ClientSampleId :
DB8H8MSD

Tgt Ion: 94 Resp: 161730

Ion	Ratio	Lower	Upper
94	100		
65	28.7	22.6	34.0
66	41.2	31.2	46.8

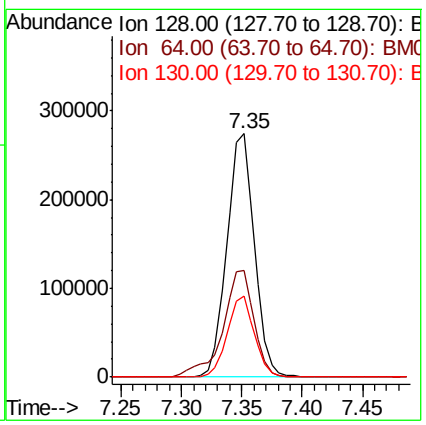


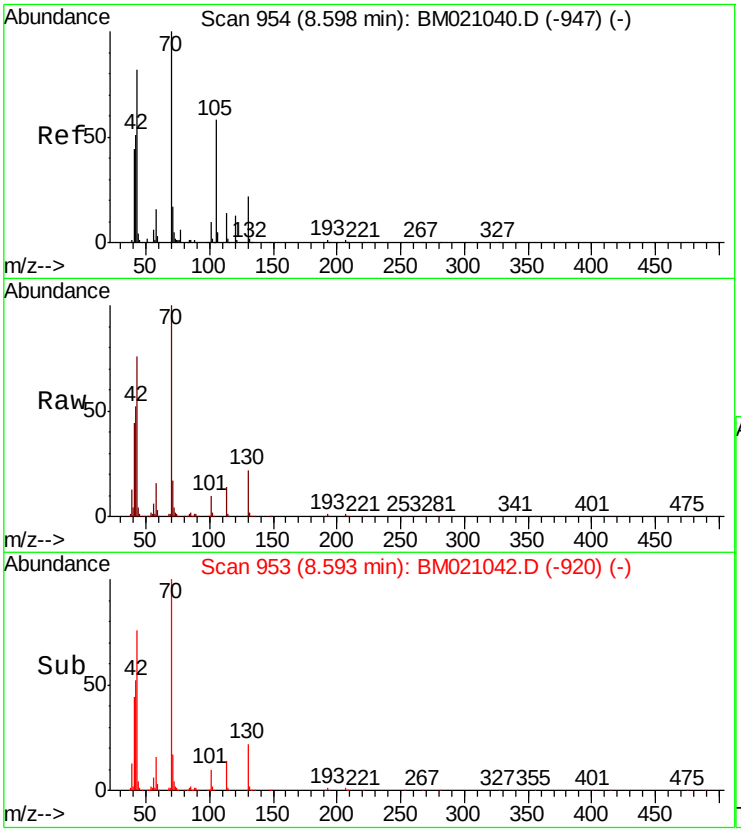


#10
2-Chlorophenol
Concen: 28.659 ng/ul
RT: 7.35 min Scan# 742
Delta R.T. 0.00 min
Lab File: BM021042.D
Acq: 19 Jun 2019 19:16

Tgt Ion:128 Resp: 435689

Ion	Ratio	Lower	Upper
128	100		
64	43.9	34.2	51.4
130	33.3	26.8	40.2



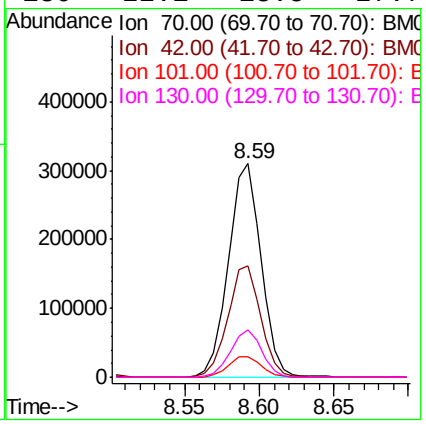


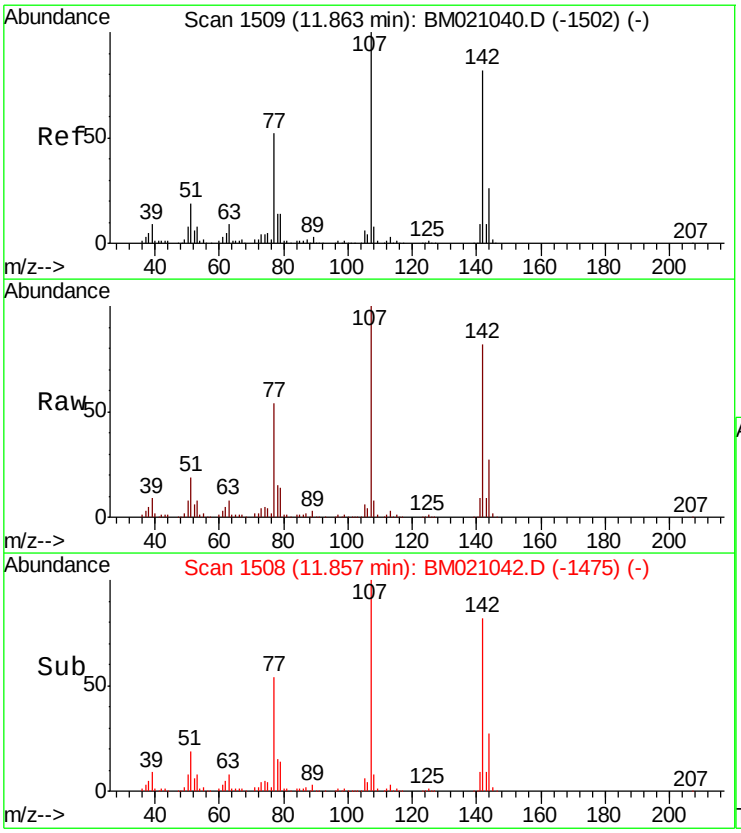
#15
N-Nitroso-di-n-propylamine
Concen: 38.266 ng/ul
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM021042.D
Acq: 19 Jun 2019 19:16

Instrument :
BNA_M
ClientSampleId :
DB8H8MSD

Tgt Ion: 70 Resp: 475021

Ion	Ratio	Lower	Upper
70	100		
42	51.9	43.4	65.0
101	9.9	7.8	11.6
130	22.1	18.5	27.7

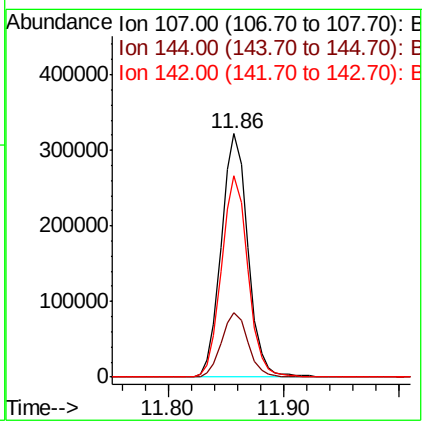


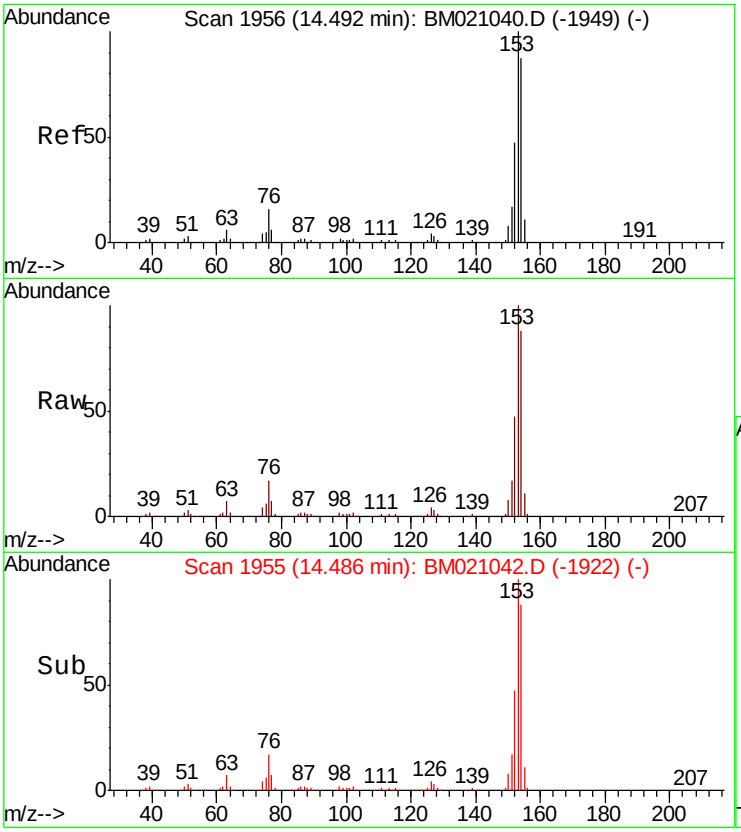


#33
4-Chloro-3-methylphenol
Concen: 30.456 ng/ul
RT: 11.86 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BM021042.D
Acq: 19 Jun 2019 19:16

Tgt Ion:107 Resp: 515132

Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.0	31.4
142	82.5	64.3	96.5



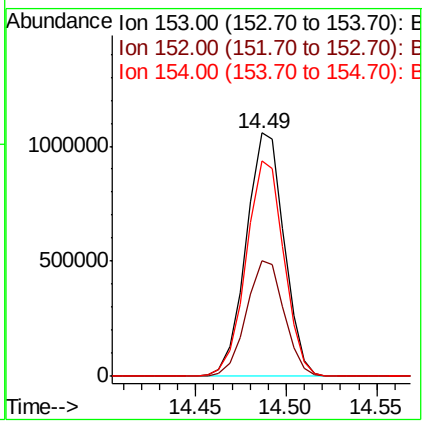


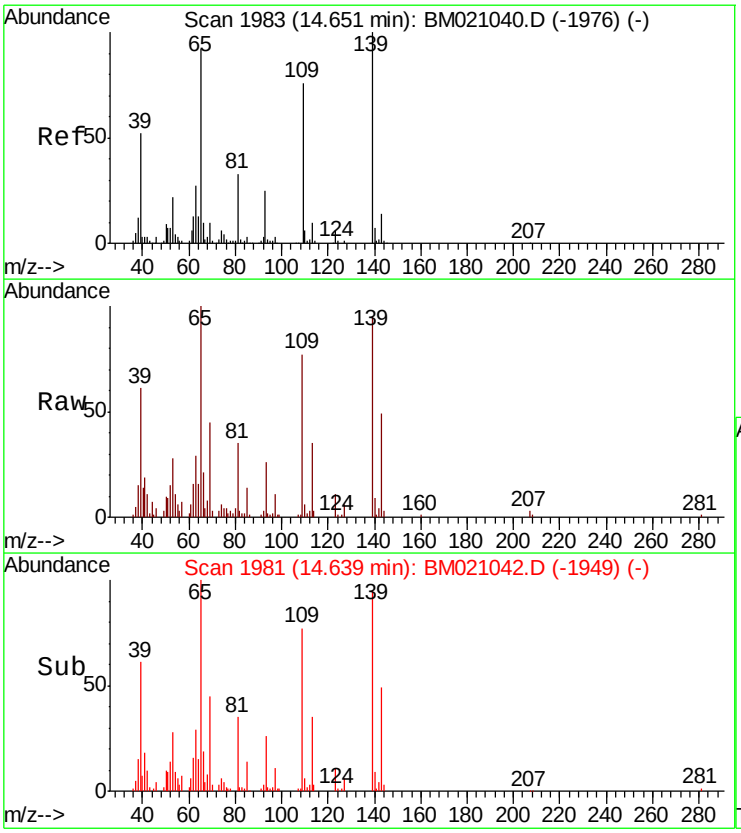
#49
Acenaphthene
Concen: 35.600 ng/ul
RT: 14.49 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM021042.D
Acq: 19 Jun 2019 19:16

Instrument :
BNA_M
ClientSampleId :
DB8H8MSD

Tgt Ion:153 Resp: 1539953

Ion	Ratio	Lower	Upper
153	100		
152	47.4	37.3	55.9
154	88.3	70.5	105.7

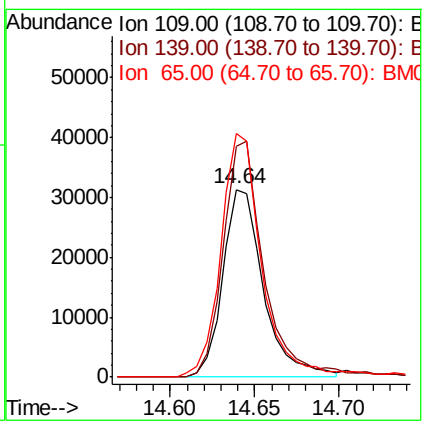


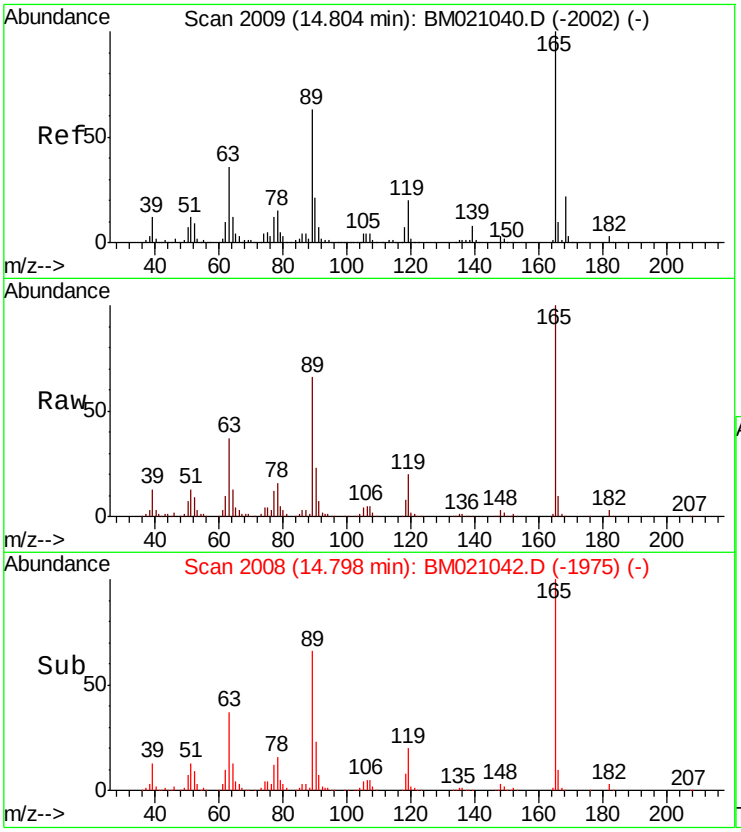


#52
4-Nitrophenol
Concen: 7.717 ng/ul
RT: 14.64 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM021042.D
Acq: 19 Jun 2019 19:16

Tgt Ion:109 Resp: 52273

Ion	Ratio	Lower	Upper
109	100		
139	122.6	106.2	159.4
65	129.6	99.6	149.4



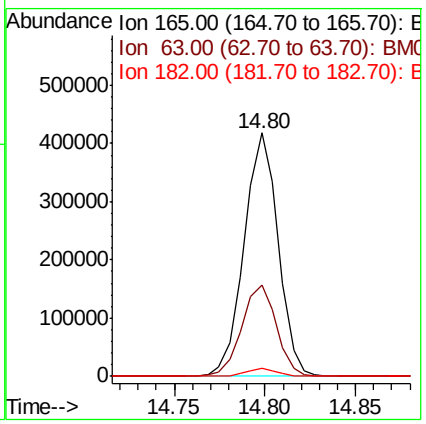


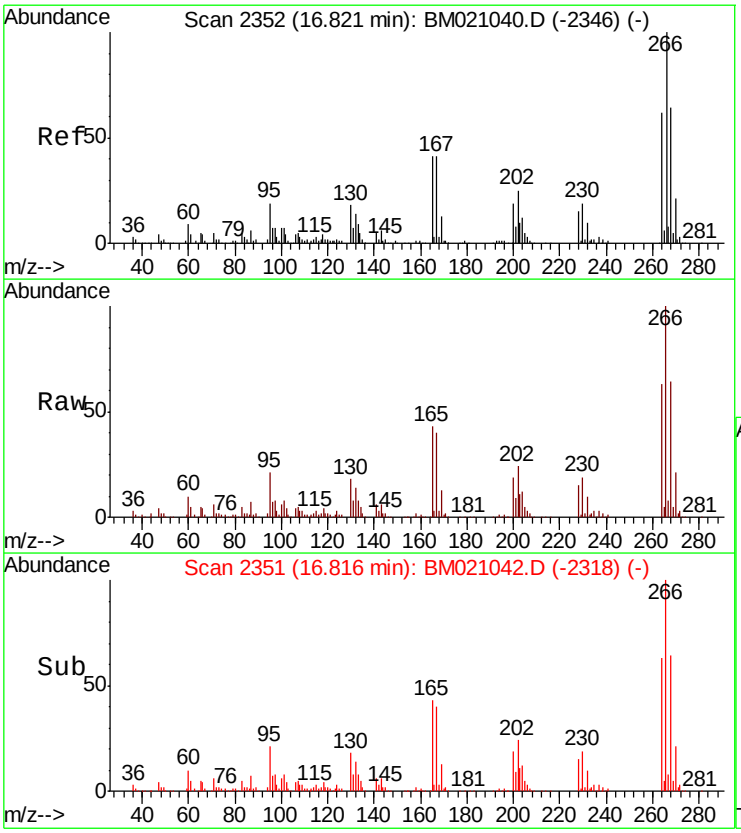
#54
2,4-Dinitrotoluene
Concen: 38.381 ng/ul
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM021042.D
Acq: 19 Jun 2019 19:16

Instrument :
BNA_M
ClientSampleId :
DB8H8MSD

Tgt Ion:165 Resp: 544784

Ion	Ratio	Lower	Upper
165	100		
63	37.4	29.4	44.0
182	3.1	2.1	3.1

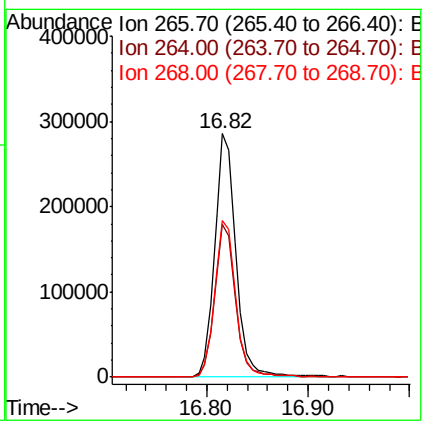


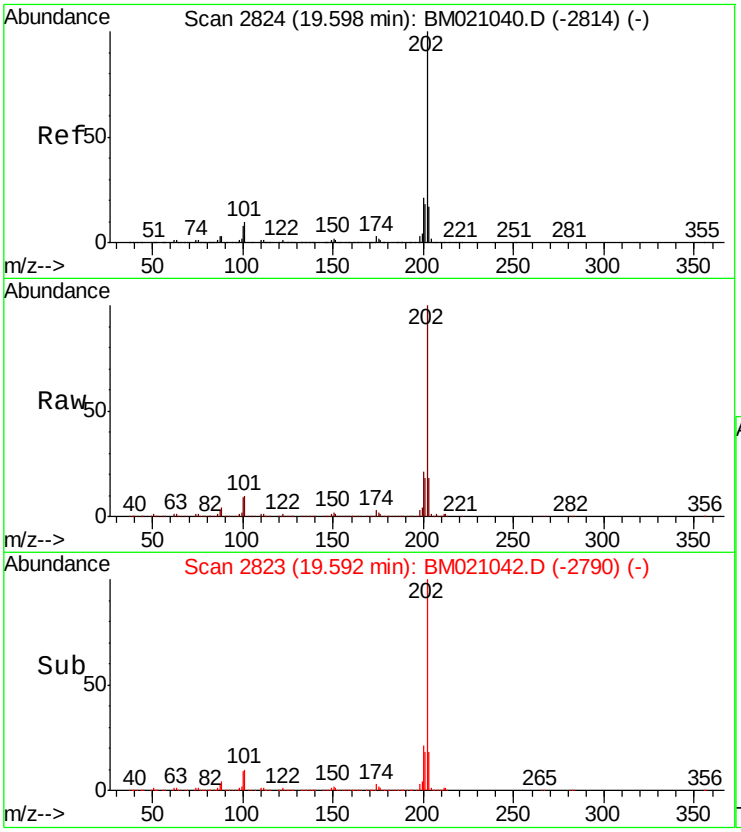


#68
Pentachlorophenol
Concen: 42.030 ng/ul
RT: 16.82 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BM021042.D
Acq: 19 Jun 2019 19:16

Tgt Ion:266 Resp: 413859

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.9	74.9
268	64.5	53.4	80.0





#79
Pyrene
Concen: 41.508 ng/ul
RT: 19.59 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BM021042.D
Acq: 19 Jun 2019 19:16

Instrument :
BNA_M
ClientSampleId :
DB8H8MSD

Tgt Ion:202 Resp: 3597411

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.1	12.1
100	8.9	6.6	10.0