Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021641.D
Acq On : 25 Jul 2019 18:01
Operator : HP/JU
Sample : K3764-19MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52G4MSD

Quant Time: Jul 25 18:34:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	157955	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	694539	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	468827	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1060204	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1179257	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1179325	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	9327	3.22	ng/uL	0.00
5) Phenol-d5	6.88	99	212165	15.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	123423	15.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	176708	16.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	169421	14.80	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	90164	17.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	98292	17.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	203819	16.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	252301	21.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	705497	17.56	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	781298	15.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	73542	10.67	ng/ul	0.00
57) Fluorene-d10	15.34	176	619549	17.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	44805	6.75	ng/ul	0.00
70) Anthracene-d10	17.20	188	951089	18.23	ng/ul	0.00
78) Pyrene-d10	19.49	212	1349992	23.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1341826	21.31	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.90	94	201564	15.639	ng/ul	98
10) 2-Chlorophenol	7.26	128	165544	16.337	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.50	70	145201	17.185	ng/ul	99
33) 4-Chloro-3-methylphenol	11.78	107	205003	16.714	ng/ul	99
44) Dimethylphthalate	13.81	163	256392	6.649	ng/ul	99
49) Acenaphthene	14.41	153	534299	16.803	ng/ul	100
52) 4-Nitrophenol	14.59	109	71827	13.196	ng/ul	98
54) 2,4-Dinitrotoluene	14.73	165	185634	17.089	ng/ul	88
68) Pentachlorophenol	16.75	266	118334	14.326	ng/ul	96
76) Fluoranthene	19.16	202	97484	1.359	ng/ul	99
79) Pyrene	19.52	202	1695720	24.140	ng/ul	100

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

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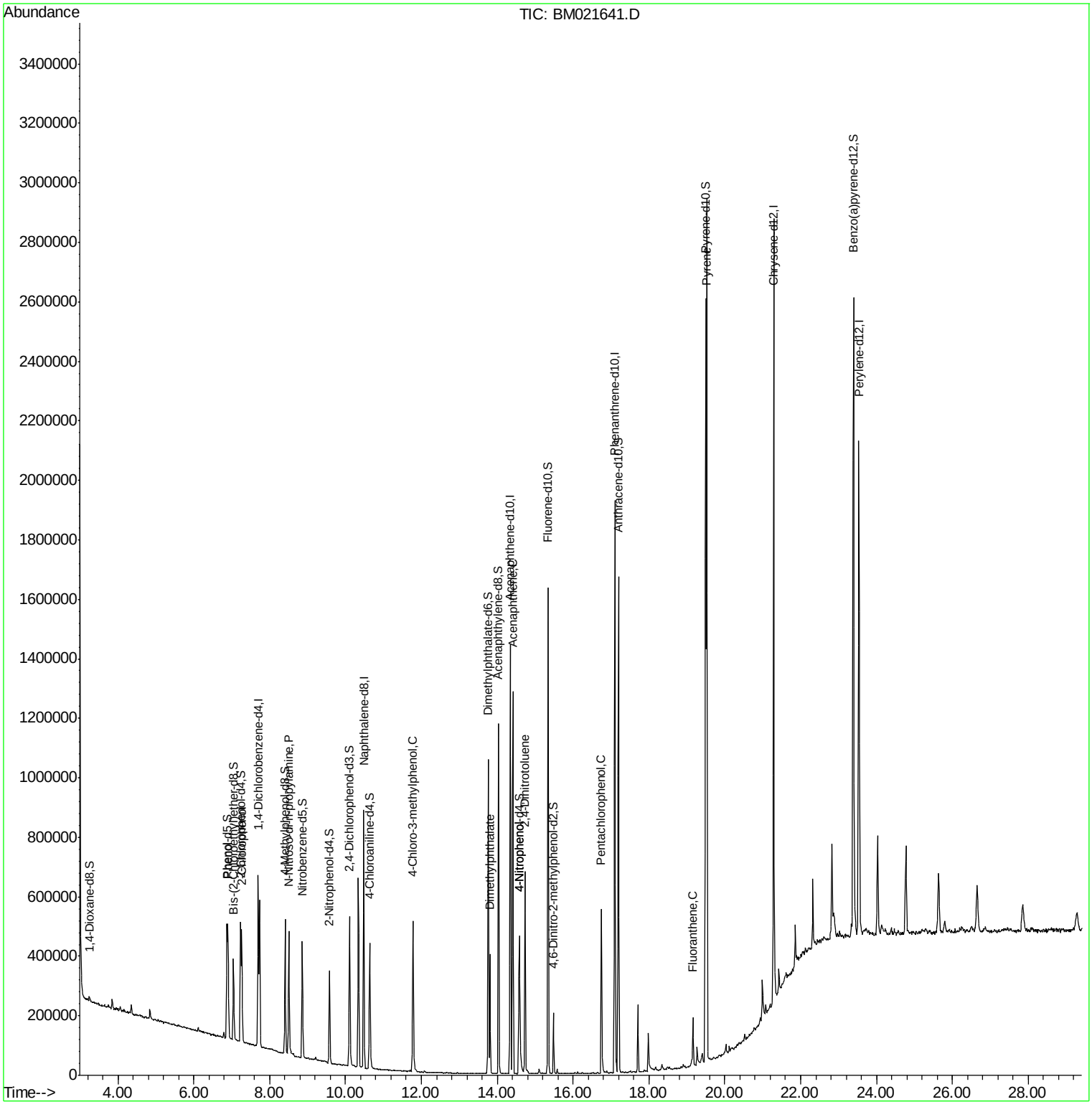
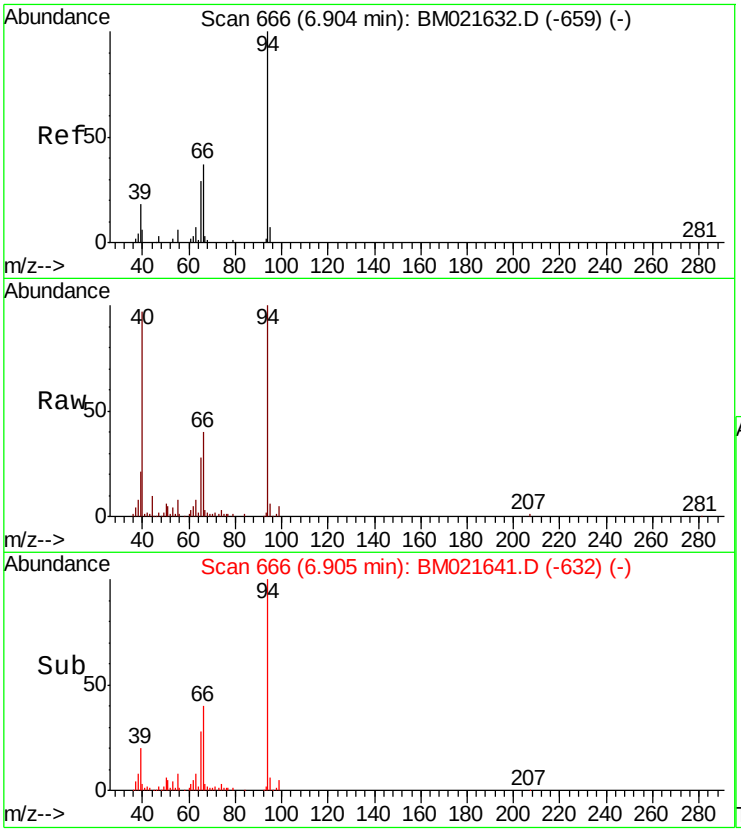


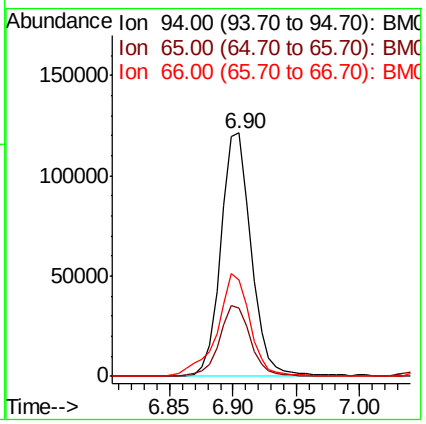


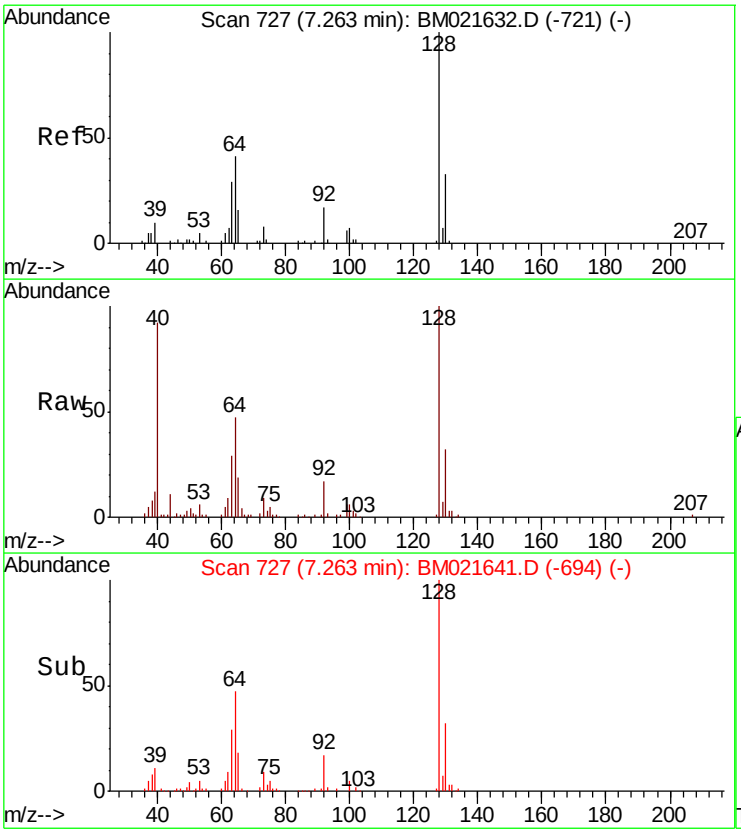
#6
Phenol
Concen: 15.639 ng/ul
RT: 6.90 min Scan# 666
Delta R.T. 0.00 min
Lab File: BM021641.D
Acq: 25 Jul 2019 18:01

Instrument :
BNA_M
ClientSampleId :
A52G4MSD

Tgt Ion: 94 Resp: 201564

Ion	Ratio	Lower	Upper
94	100		
65	28.1	23.3	34.9
66	39.9	33.2	49.8

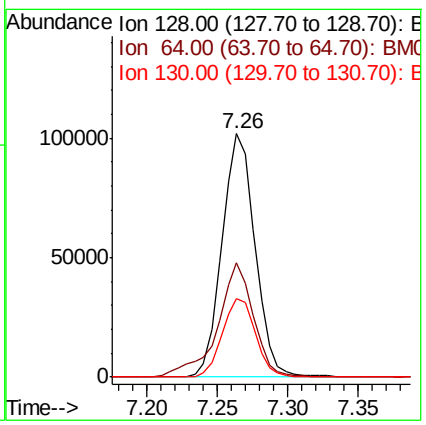


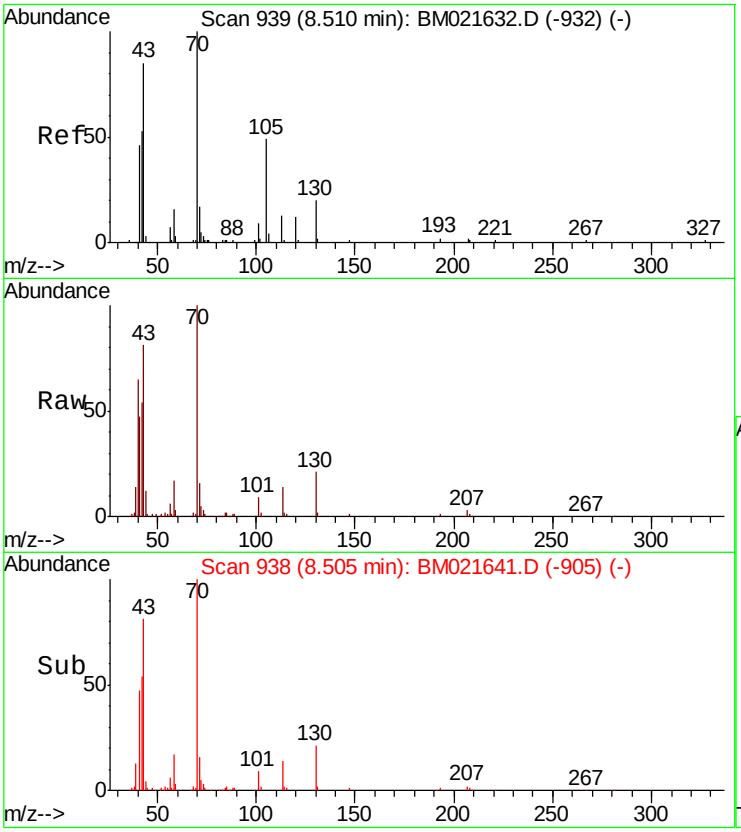


#10
2-Chlorophenol
Concen: 16.337 ng/ul
RT: 7.26 min Scan# 727
Delta R.T. -0.01 min
Lab File: BM021641.D
Acq: 25 Jul 2019 18:01

Tgt Ion:128 Resp: 165544

Ion	Ratio	Lower	Upper
128	100		
64	46.8	35.2	52.8
130	32.3	24.7	37.1



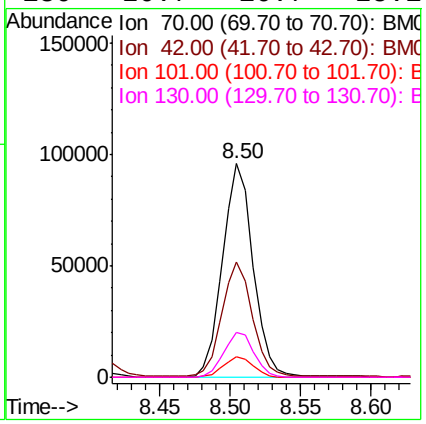


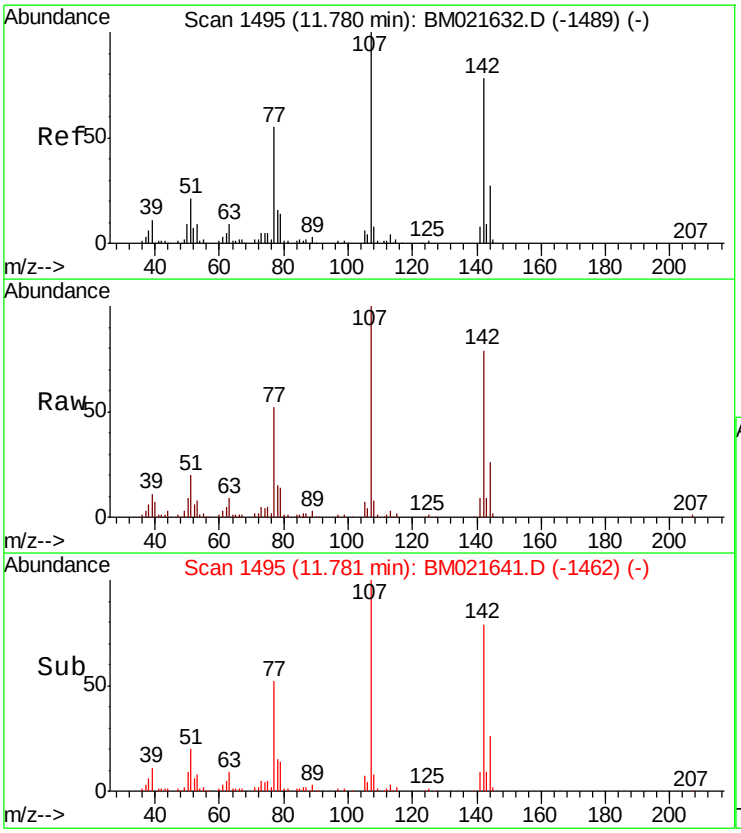
#15
N-Nitroso-di-n-propylamine
Concen: 17.185 ng/ul
RT: 8.50 min Scan# 938
Delta R.T. -0.01 min
Lab File: BM021641.D
Acq: 25 Jul 2019 18:01

Instrument :
BNA_M
ClientSampleId :
A52G4MSD

Tgt Ion: 70 Resp: 145201

Ion	Ratio	Lower	Upper
70	100		
42	54.0	42.2	63.2
101	9.3	7.6	11.4
130	20.7	16.7	25.1

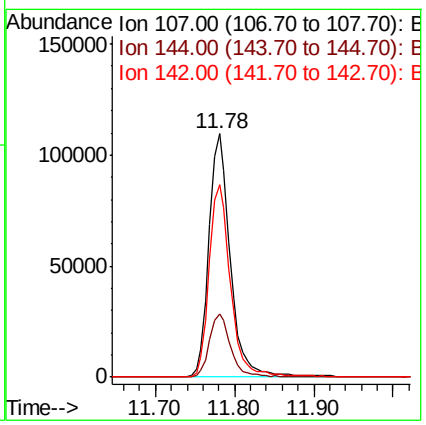


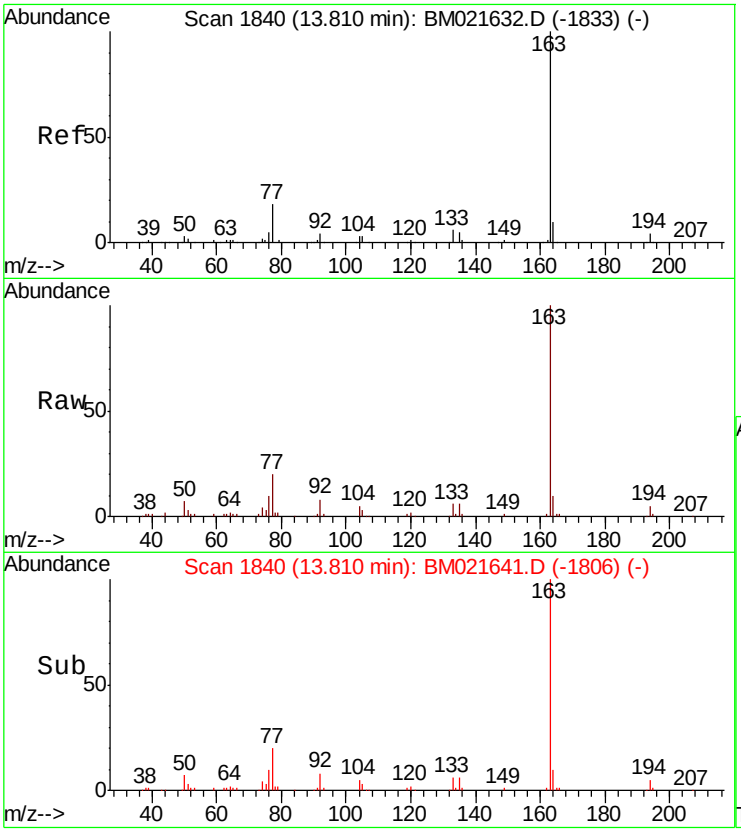


#33
4-Chloro-3-methylphenol
Concen: 16.714 ng/ul
RT: 11.78 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BM021641.D
Acq: 25 Jul 2019 18:01

Tgt Ion:107 Resp: 205003

Ion	Ratio	Lower	Upper
107	100		
144	26.1	21.0	31.4
142	79.1	64.4	96.6



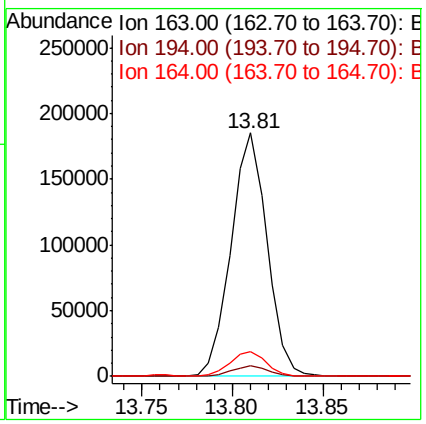


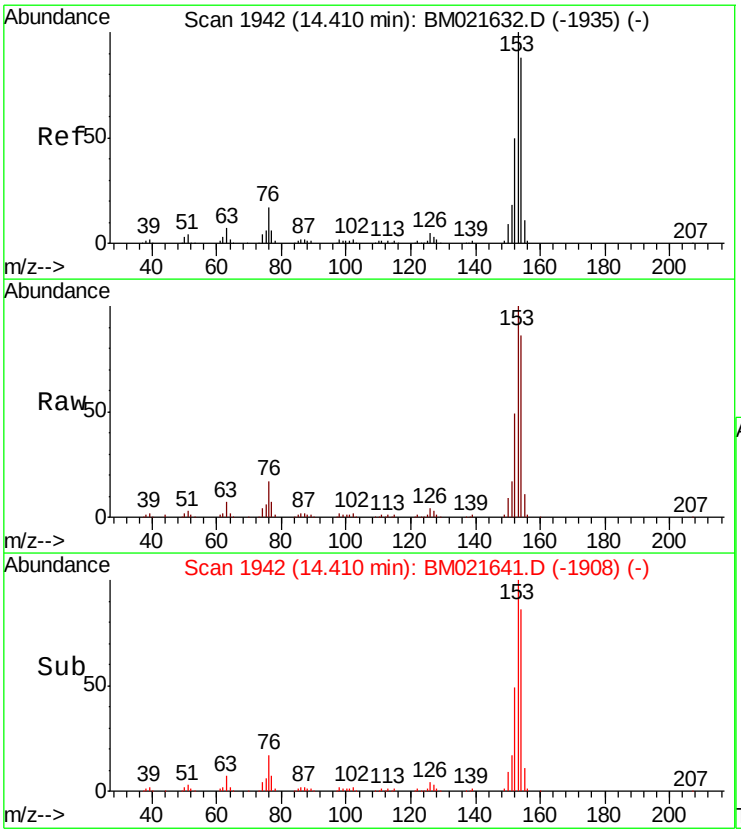
#44
Dimethylphthalate
Concen: 6.649 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BM021641.D
Acq: 25 Jul 2019 18:01

Instrument :
BNA_M
ClientSampleId :
A52G4MSD

Tgt Ion:163 Resp: 256392

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	10.0	8.2	12.4

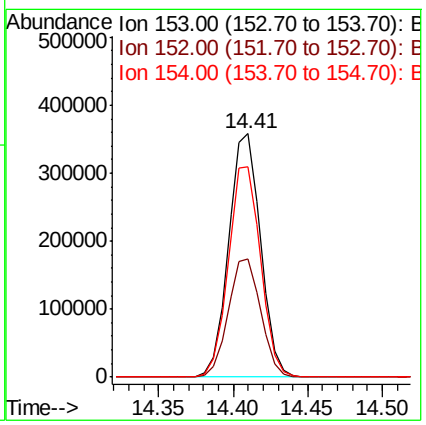


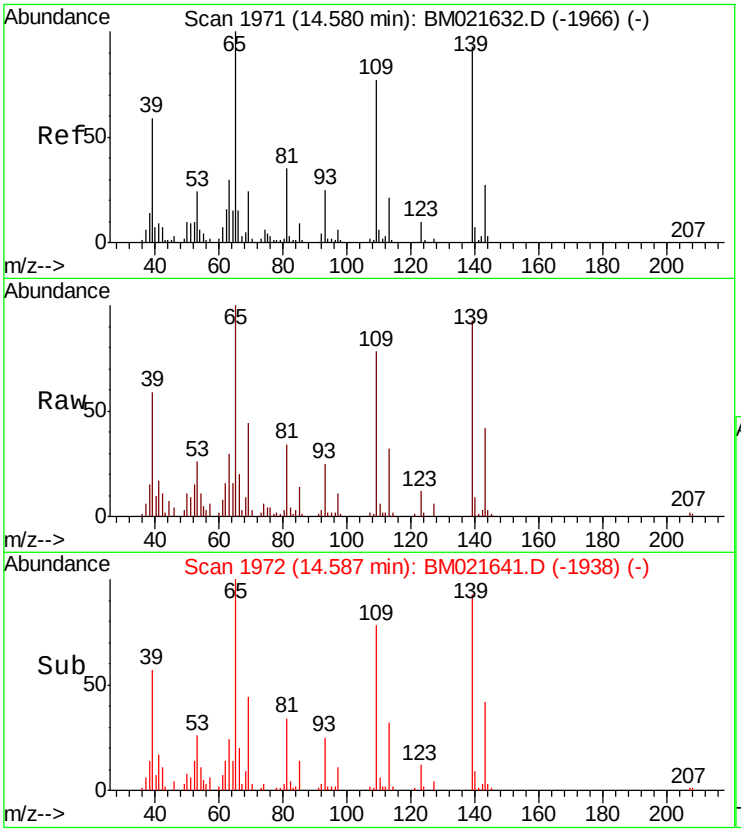


#49
Acenaphthene
Concen: 16.803 ng/ul
RT: 14.41 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BM021641.D
Acq: 25 Jul 2019 18:01

Tgt Ion:153 Resp: 534299

Ion	Ratio	Lower	Upper
153	100		
152	48.6	38.6	57.8
154	86.2	69.0	103.4



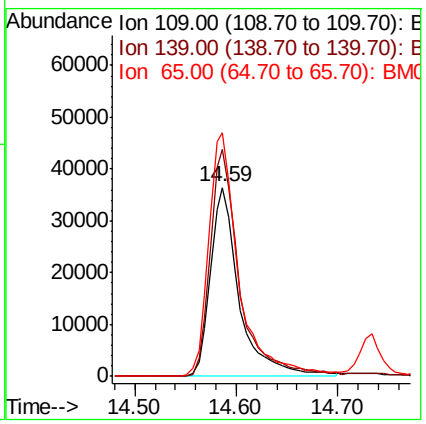


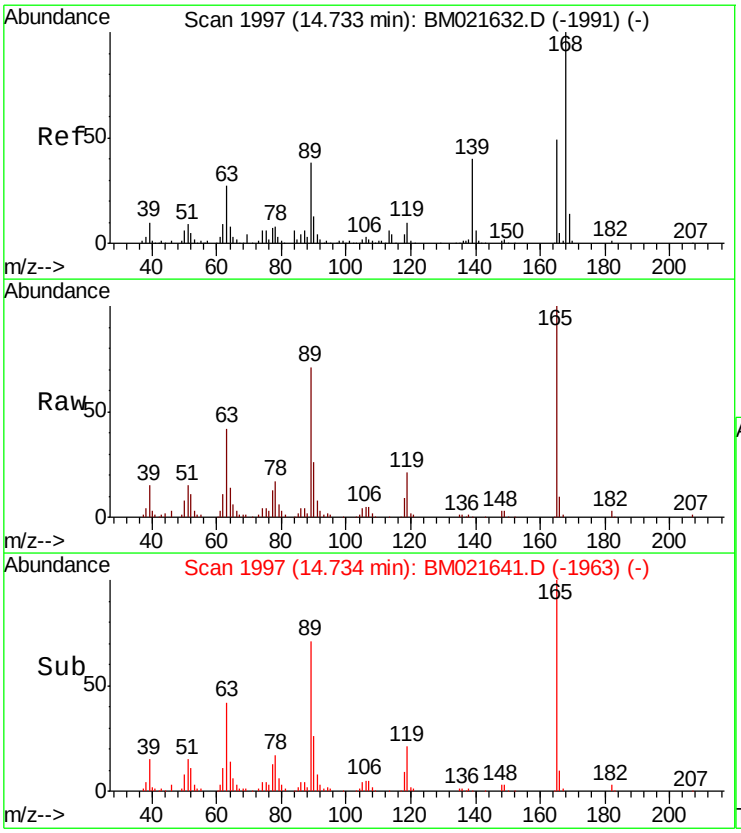
#52
4-Nitrophenol
Concen: 13.196 ng/ul
RT: 14.59 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BM021641.D
Acq: 25 Jul 2019 18:01

Instrument :
BNA_M
ClientSampleId :
A52G4MSD

Tgt Ion:109 Resp: 71827

Ion	Ratio	Lower	Upper
109	100		
139	120.2	98.8	148.2
65	129.0	105.1	157.7

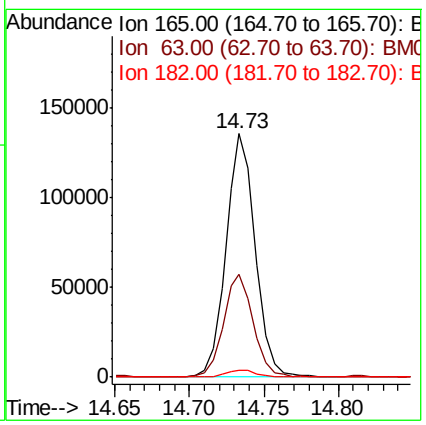


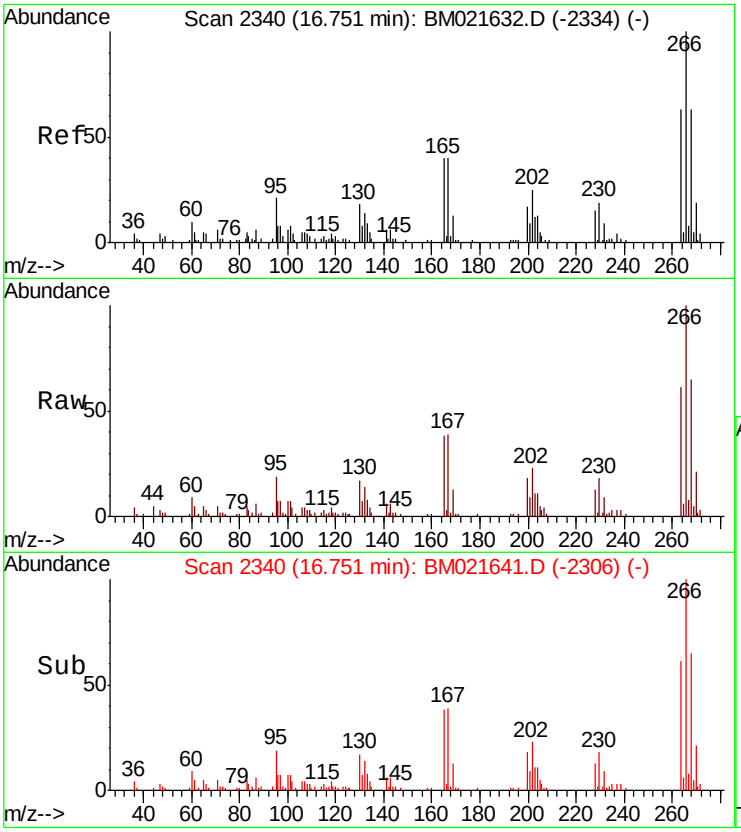


#54
2,4-Dinitrotoluene
Concen: 17.089 ng/ul
RT: 14.73 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BM021641.D
Acq: 25 Jul 2019 18:01

Tgt Ion:165 Resp: 185634

Ion	Ratio	Lower	Upper
165	100		
63	42.0	40.4	60.6
182	2.8	2.2	3.2



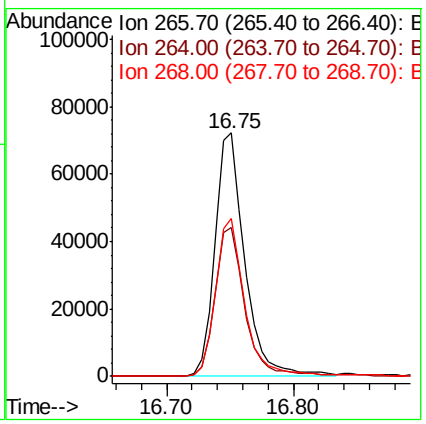


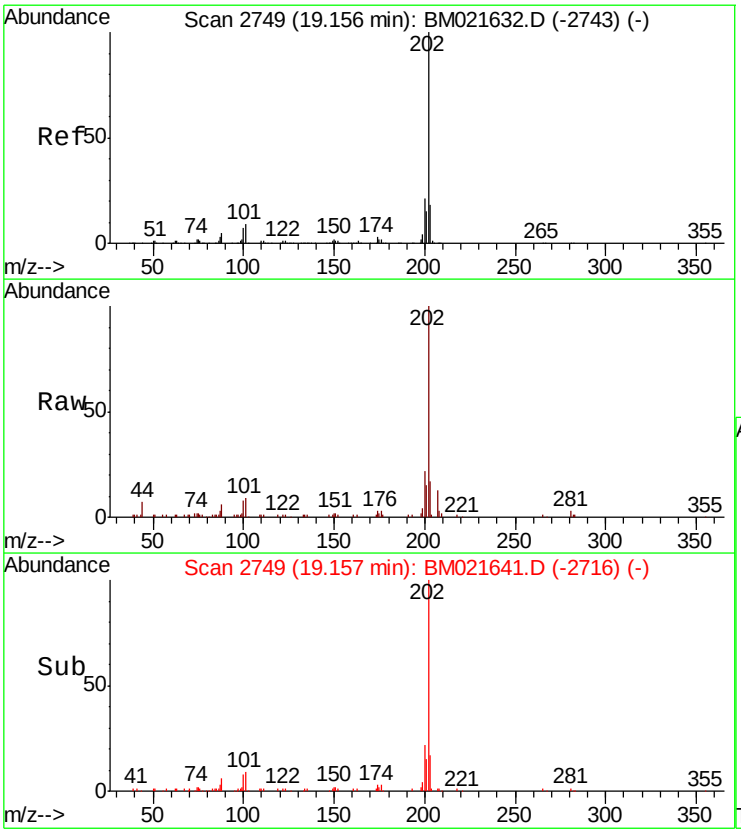
#68
Pentachlorophenol
Concen: 14.326 ng/ul
RT: 16.75 min Scan# 2340
Delta R.T. 0.00 min
Lab File: BM021641.D
Acq: 25 Jul 2019 18:01

Instrument :
BNA_M
ClientSampleId :
A52G4MSD

Tgt Ion:266 Resp: 118334

Ion	Ratio	Lower	Upper
266	100		
264	61.1	50.9	76.3
268	65.1	49.7	74.5

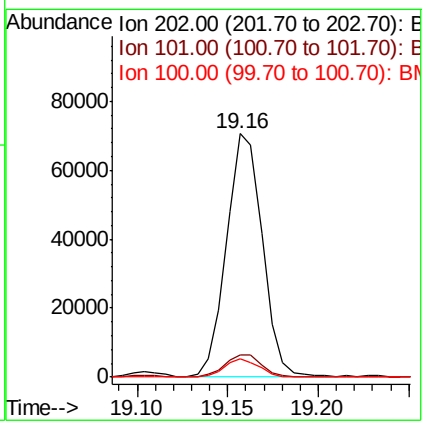


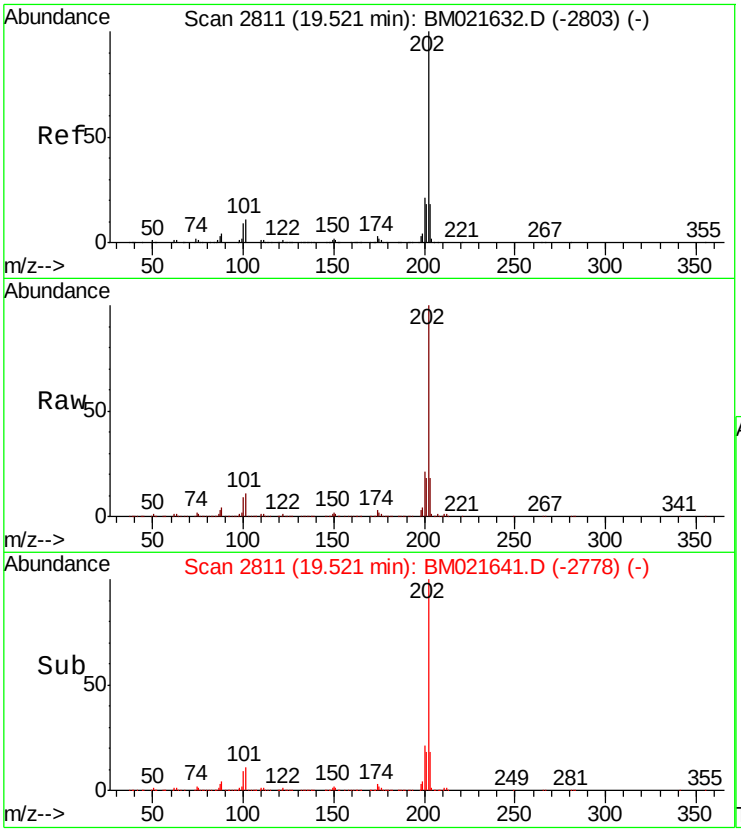


#76
Fluoranthene
Concen: 1.359 ng/ul
RT: 19.16 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BM021641.D
Acq: 25 Jul 2019 18:01

Tgt Ion:202 Resp: 97484

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.2	10.8
100	7.8	5.6	8.4





#79
Pyrene
Concen: 24.140 ng/ul
RT: 19.52 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BM021641.D
Acq: 25 Jul 2019 18:01

Instrument :
BNA_M
ClientSampleId :
A52G4MSD

Tgt Ion:202 Resp: 1695720

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.6	13.0
100	8.9	7.1	10.7