Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021640.D
Acq On : 25 Jul 2019 17:24
Operator : HP/JU
Sample : K3764-18MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52G4MS

Quant Time: Jul 25 18:12:46 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	150300	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	654730	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	437604	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	999204	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1170235	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1199001	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	9151	3.32	ng/uL	0.00
5) Phenol-d5	6.87	99	204372	16.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	117918	15.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	168421	16.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	158840	14.59	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	86826	17.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	93249	17.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	194320	16.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	235336	20.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	663170	17.69	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	736093	16.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	69021	10.73	ng/ul	0.00
57) Fluorene-d10	15.34	176	583764	17.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	37219	5.95	ng/ul	0.00
70) Anthracene-d10	17.20	188	909199	18.49	ng/ul	0.00
78) Pyrene-d10	19.50	212	1305228	22.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1360434	21.25	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.90	94	194616	15.869	ng/ul	99
10) 2-Chlorophenol	7.26	128	158912	16.482	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.50	70	136889	17.026	ng/ul	97
33) 4-Chloro-3-methylphenol	11.78	107	191966	16.603	ng/ul	99
44) Dimethylphthalate	13.81	163	239499	6.654	ng/ul	99
49) Acenaphthene	14.41	153	507331	17.093	ng/ul	99
52) 4-Nitrophenol	14.59	109	67140	13.215	ng/ul	96
54) 2,4-Dinitrotoluene	14.73	165	175749	17.333	ng/ul	87
68) Pentachlorophenol	16.75	266	112988	14.514	ng/ul	99
76) Fluoranthene	19.16	202	94489	1.398	ng/ul	100
79) Pyrene	19.53	202	1648050	23.642	ng/ul	98

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

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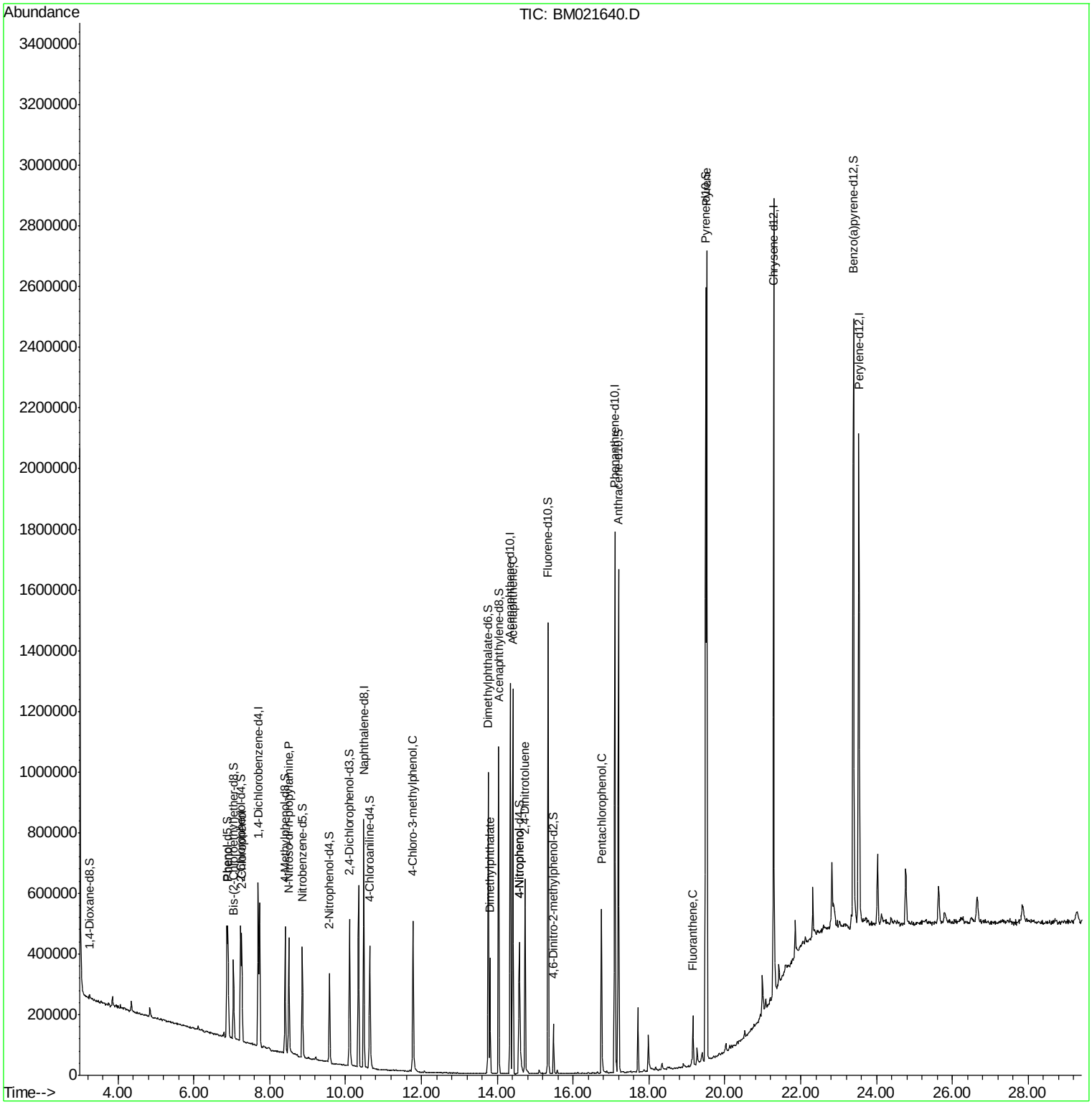
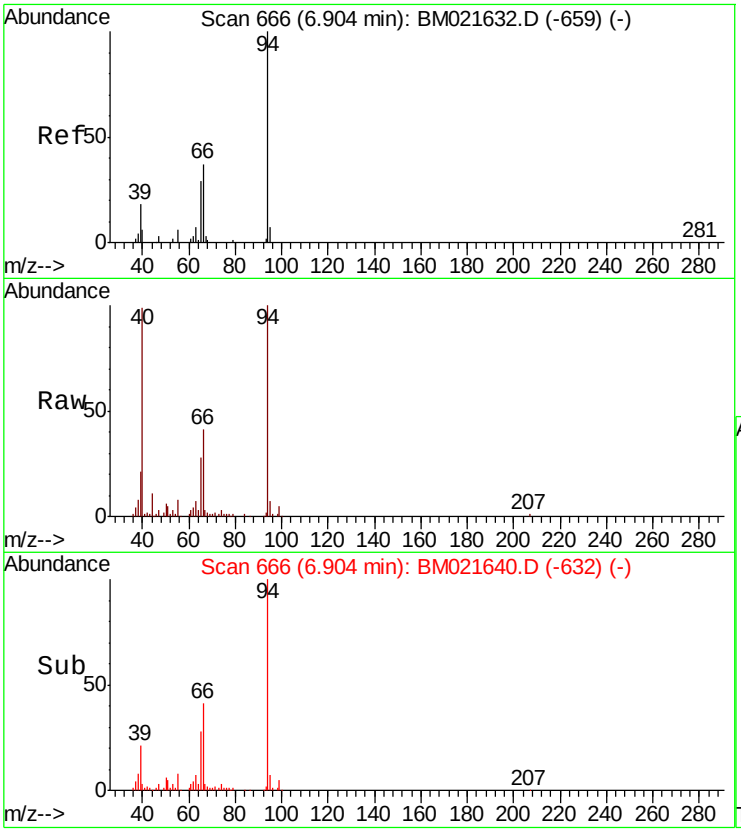


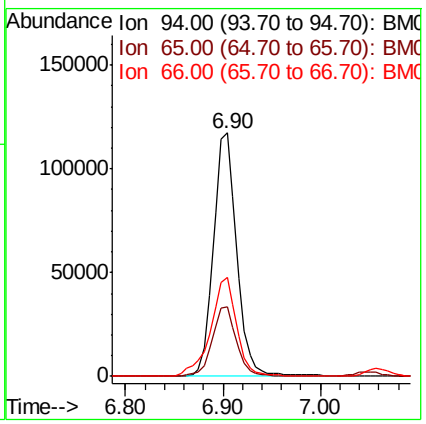


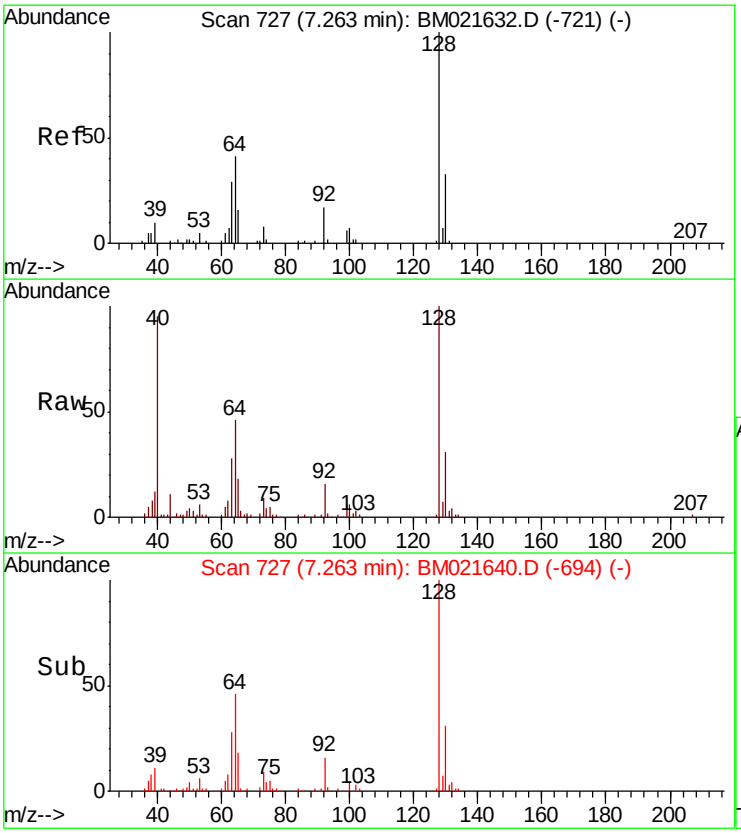
#6
Phenol
Concen: 15.869 ng/ul
RT: 6.90 min Scan# 666
Delta R.T. -0.00 min
Lab File: BM021640.D
Acq: 25 Jul 2019 17:24

Instrument :
BNA_M
ClientSampleId :
A52G4MS

Tgt Ion: 94 Resp: 194616

Ion	Ratio	Lower	Upper
94	100		
65	28.4	23.3	34.9
66	40.5	33.2	49.8

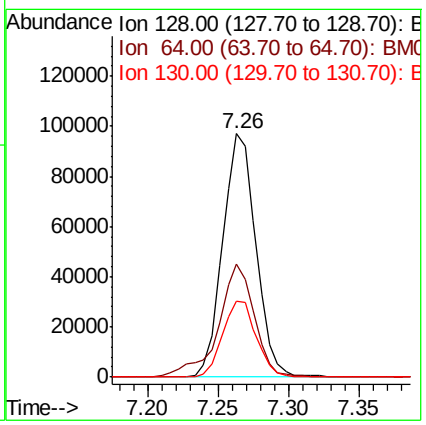


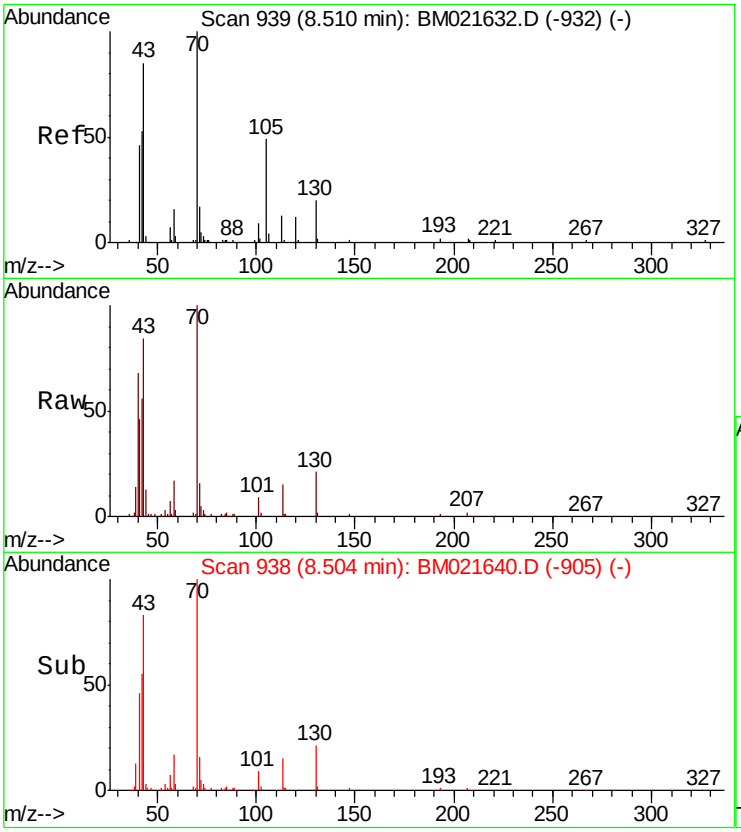


#10
2-Chlorophenol
Concen: 16.482 ng/ul
RT: 7.26 min Scan# 727
Delta R.T. -0.01 min
Lab File: BM021640.D
Acq: 25 Jul 2019 17:24

Tgt Ion:128 Resp: 158912

Ion	Ratio	Lower	Upper
128	100		
64	46.3	35.2	52.8
130	31.1	24.7	37.1



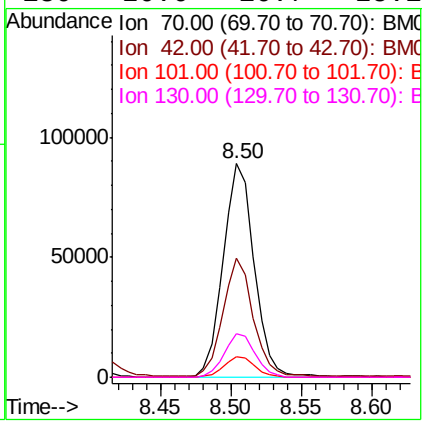


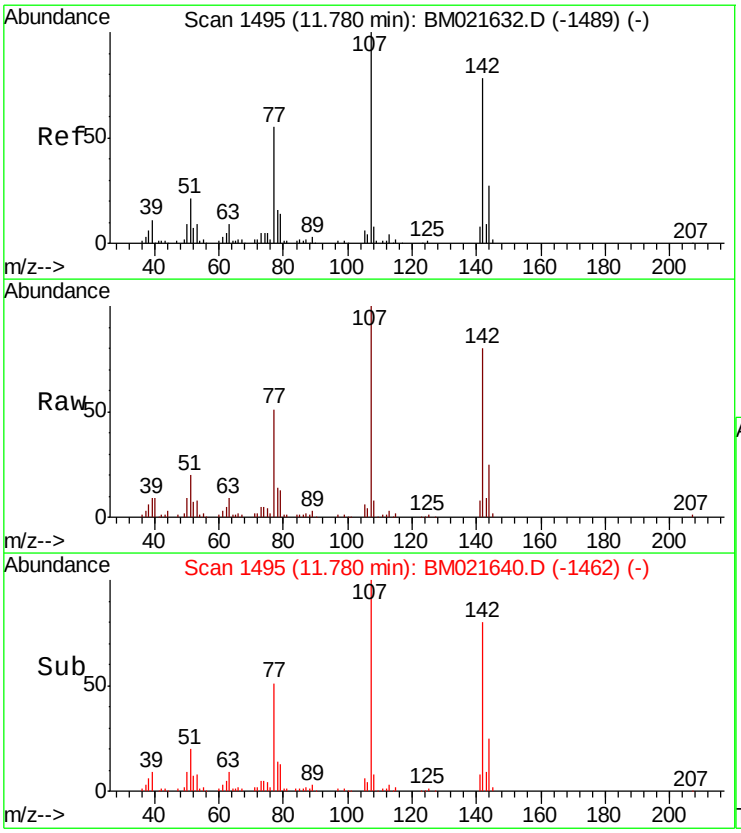
#15
N-Nitroso-di-n-propylamine
Concen: 17.026 ng/ul
RT: 8.50 min Scan# 938
Delta R.T. -0.01 min
Lab File: BM021640.D
Acq: 25 Jul 2019 17:24

Instrument :
BNA_M
ClientSampleId :
A52G4MS

Tgt Ion: 70 Resp: 136889

Ion	Ratio	Lower	Upper
70	100		
42	55.6	42.2	63.2
101	9.5	7.6	11.4
130	20.6	16.7	25.1

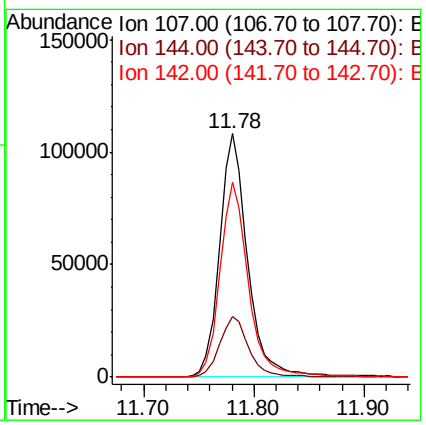


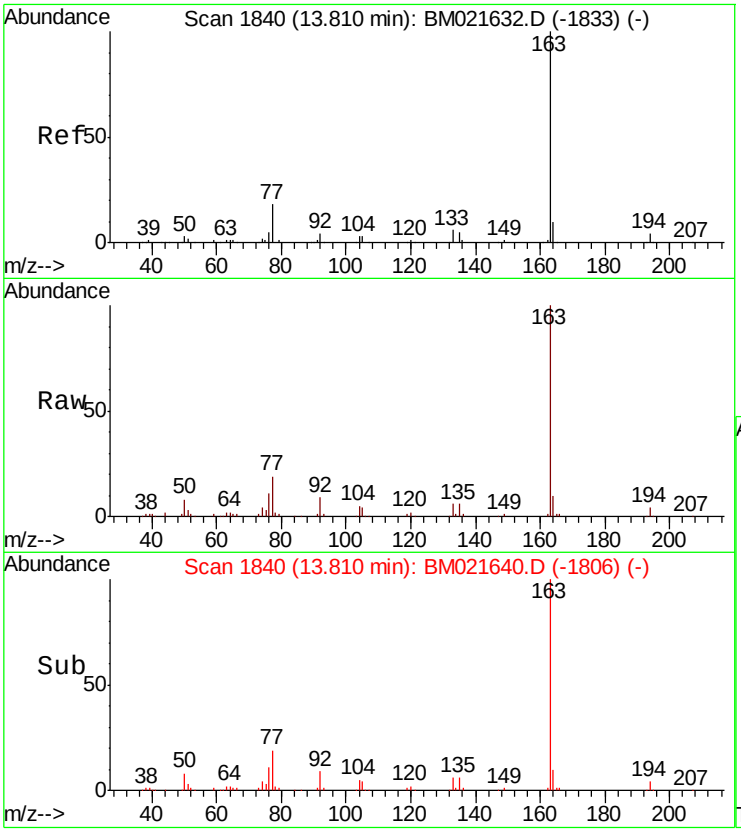


#33
4-Chloro-3-methylphenol
Concen: 16.603 ng/ul
RT: 11.78 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BM021640.D
Acq: 25 Jul 2019 17:24

Tgt Ion:107 Resp: 191966

Ion	Ratio	Lower	Upper
107	100		
144	25.0	21.0	31.4
142	80.3	64.4	96.6



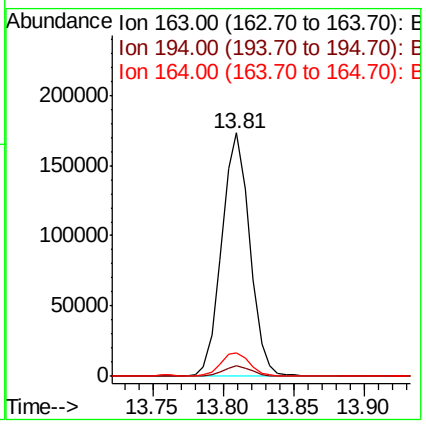


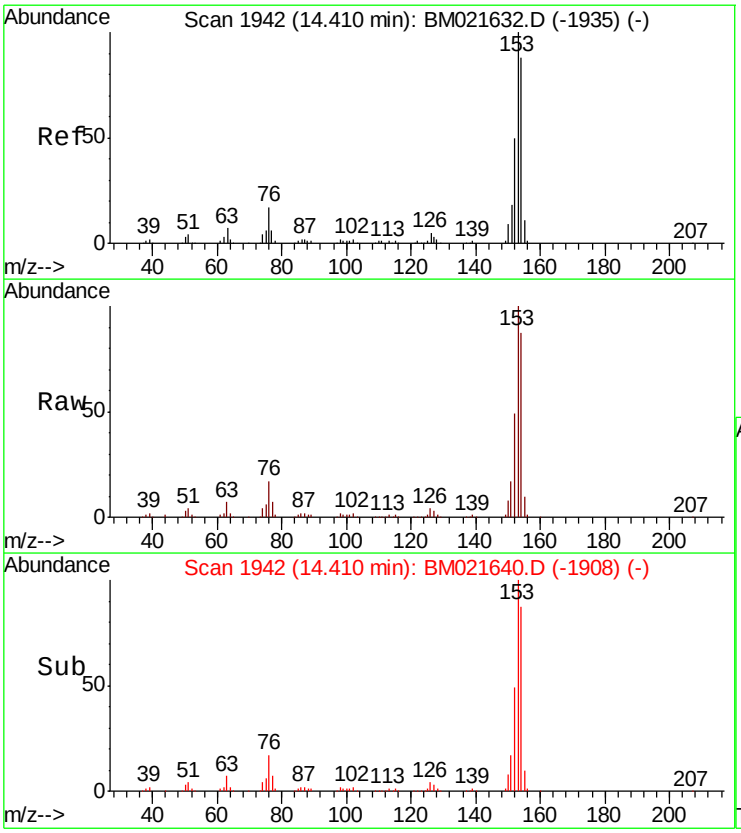
#44
Dimethylphthalate
Concen: 6.654 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BM021640.D
Acq: 25 Jul 2019 17:24

Instrument :
BNA_M
ClientSampleId :
A52G4MS

Tgt Ion:163 Resp: 239499

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	9.9	8.2	12.4

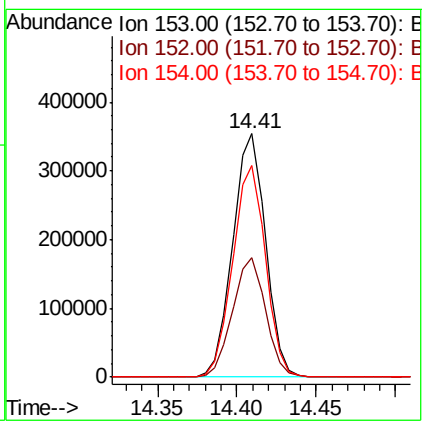


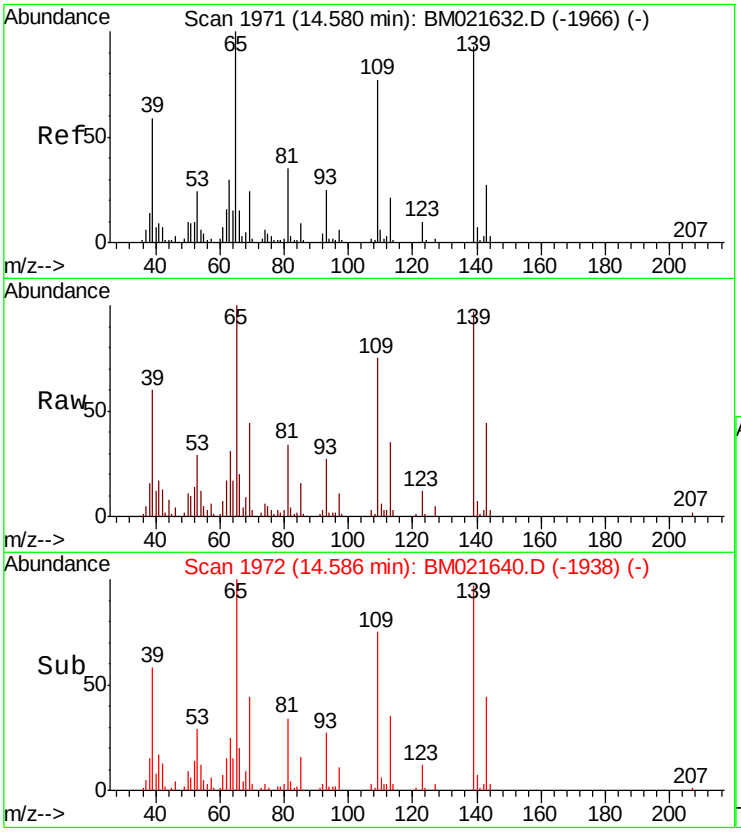


#49
Acenaphthene
Concen: 17.093 ng/ul
RT: 14.41 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BM021640.D
Acq: 25 Jul 2019 17:24

Tgt Ion:153 Resp: 507331

Ion	Ratio	Lower	Upper
153	100		
152	49.0	38.6	57.8
154	86.8	69.0	103.4



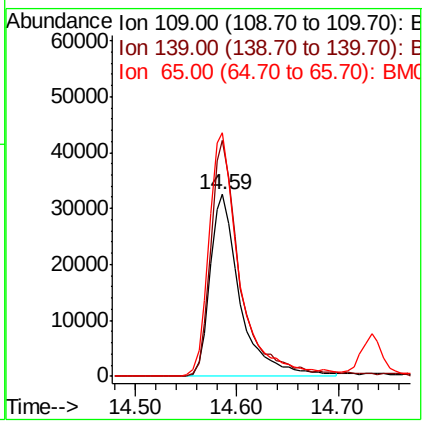


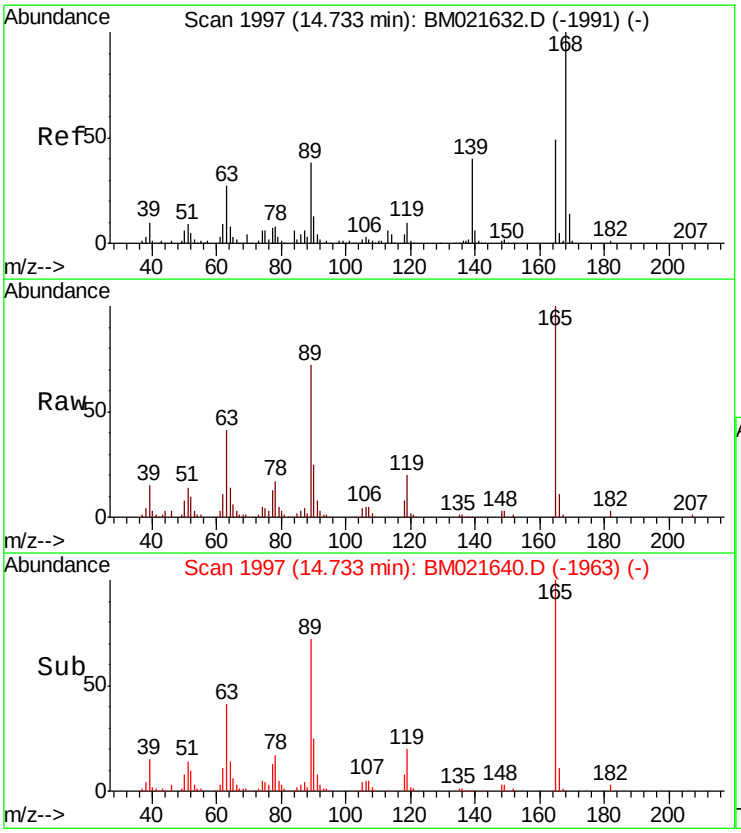
#52
4-Nitrophenol
Concen: 13.215 ng/ul
RT: 14.59 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BM021640.D
Acq: 25 Jul 2019 17:24

Instrument :
BNA_M
ClientSampleId :
A52G4MS

Tgt Ion:109 Resp: 67140

Ion	Ratio	Lower	Upper
109	100		
139	130.0	98.8	148.2
65	134.1	105.1	157.7

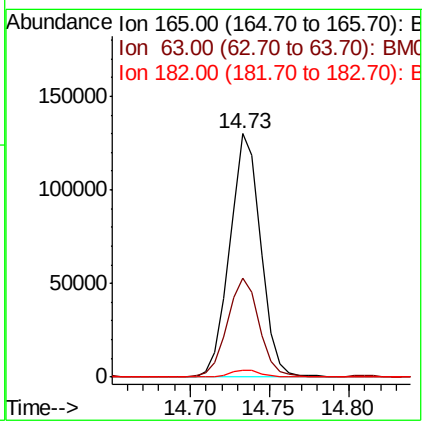


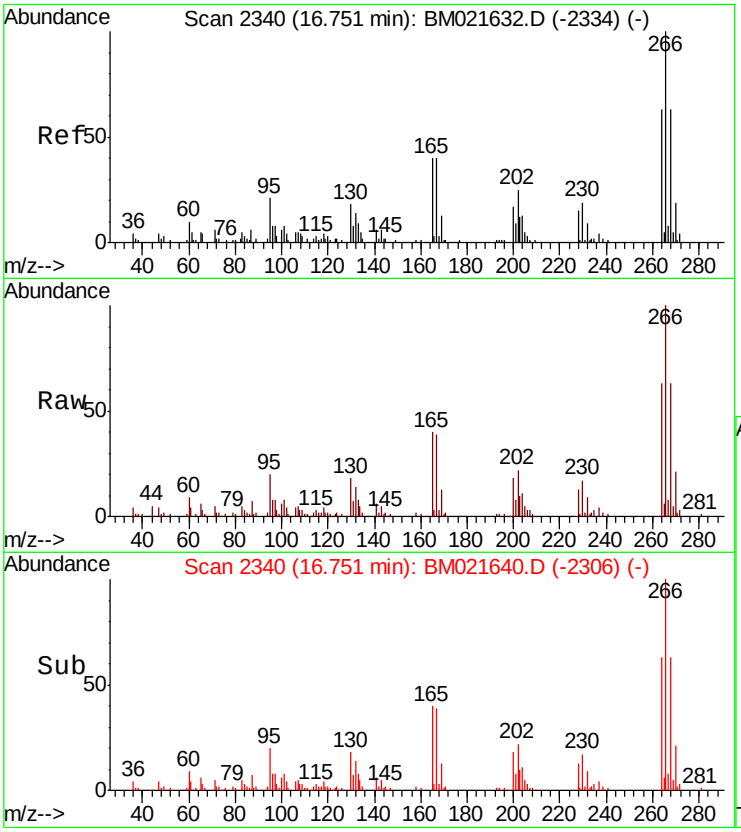


#54
2,4-Dinitrotoluene
Concen: 17.333 ng/ul
RT: 14.73 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BM021640.D
Acq: 25 Jul 2019 17:24

Tgt Ion:165 Resp: 175749

Ion	Ratio	Lower	Upper
165	100		
63	40.7	40.4	60.6
182	2.8	2.2	3.2



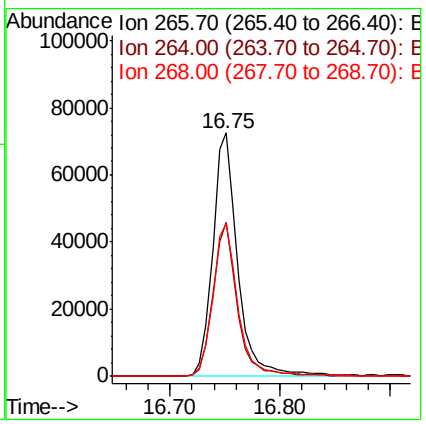


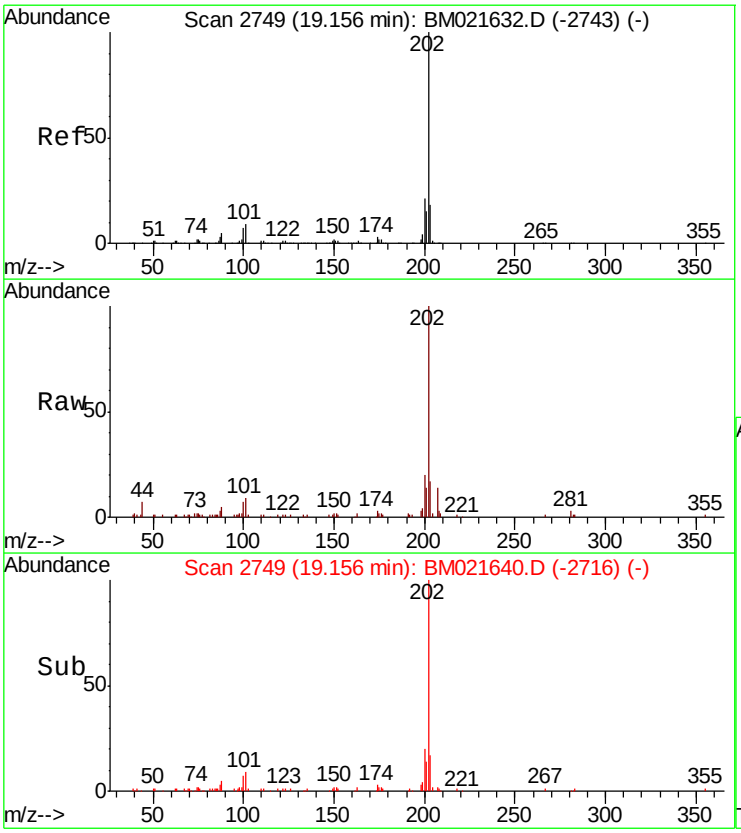
#68
Pentachlorophenol
Concen: 14.514 ng/ul
RT: 16.75 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BM021640.D
Acq: 25 Jul 2019 17:24

Instrument :
BNA_M
ClientSampleId :
A52G4MS

Tgt Ion:266 Resp: 112988

Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.9	76.3
268	62.8	49.7	74.5

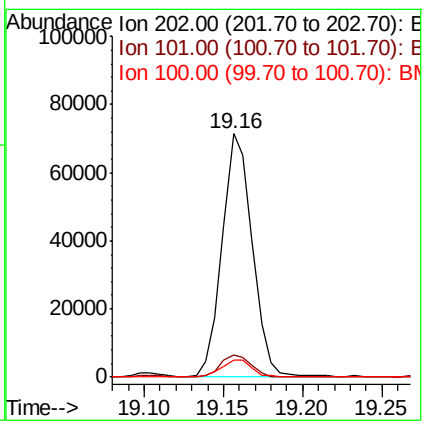


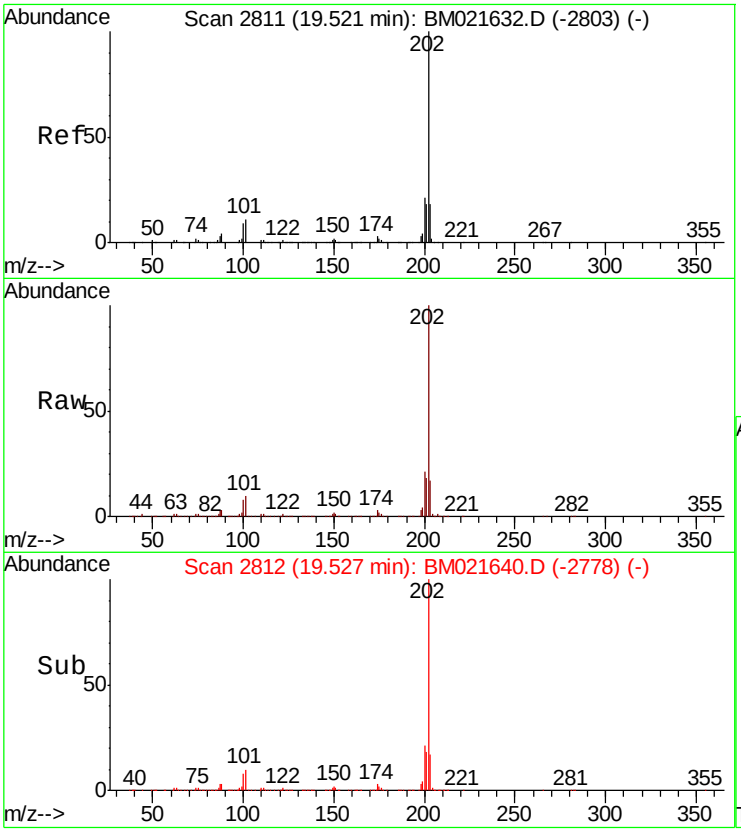


#76
Fluoranthene
Concen: 1.398 ng/ul
RT: 19.16 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BM021640.D
Acq: 25 Jul 2019 17:24

Tgt Ion:202 Resp: 94489

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.2	10.8
100	7.1	5.6	8.4





#79
Pyrene
Concen: 23.642 ng/ul
RT: 19.53 min Scan# 2812
Delta R.T. -0.00 min
Lab File: BM021640.D
Acq: 25 Jul 2019 17:24

Instrument :
BNA_M
ClientSampleId :
A52G4MS

Tgt Ion:202 Resp: 1648050

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.6	13.0
100	8.3	7.1	10.7