Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062119\
Data File : BN006474.D
Acq On : 21 Jun 2019 20:32
Operator : HP/JU
Sample : K3388-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4216MS

Quant Time: Jun 24 05:54:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 22:42:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	261025	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1231866	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	725356	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1567569	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1319649	20.00	ng/ul	-0.01
85) Perylene-d12	23.48	264	1198840	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	16852	2.52	ng/uL	0.00
5) Phenol-d5	6.80	99	319454	11.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	225964	13.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	253864	12.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	215174	9.76	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	129179	13.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	136418	12.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	243917	11.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	207699	8.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	840843	13.23	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	994213	12.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	102556	9.44	ng/ul	0.00
57) Fluorene-d10	15.28	176	711729	13.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	31169	3.14	ng/ul	0.00
70) Anthracene-d10	17.13	188	1073870	13.61	ng/ul	0.00
78) Pyrene-d10	19.45	212	1191059	15.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	928251	13.71	ng/ul	-0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.78	77	18118	1.614	ng/ul	97
6) Phenol	6.83	94	349441	13.041	ng/ul	100
10) 2-Chlorophenol	7.19	128	246544	12.555	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.42	70	238311	13.412	ng/ul	99
33) 4-Chloro-3-methylphenol	11.71	107	269974	11.892	ng/ul	99
44) Dimethylphthalate	13.74	163	325669	5.557	ng/ul	100
49) Acenaphthene	14.35	153	647629	13.161	ng/ul	99
52) 4-Nitrophenol	14.52	109	83537	10.994	ng/ul	99
54) 2,4-Dinitrotoluene	14.66	165	218533	13.288	ng/ul	98
68) Pentachlorophenol	16.70	266	105291	12.002	ng/ul	97
79) Pyrene	19.47	202	1494444	16.633	ng/ul	99

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

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Acq On : 21 Jun 2019 20:32
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Misc :
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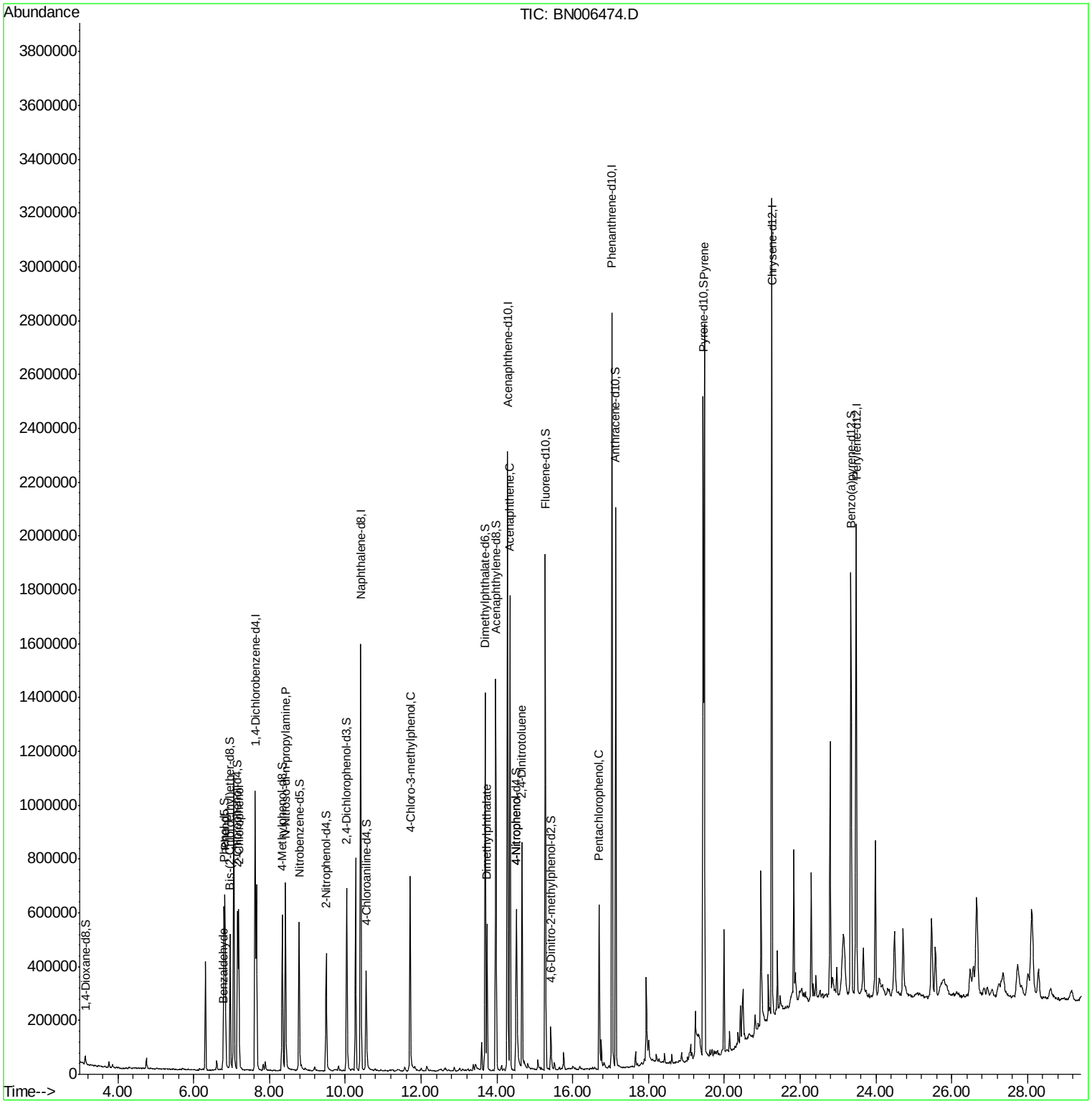
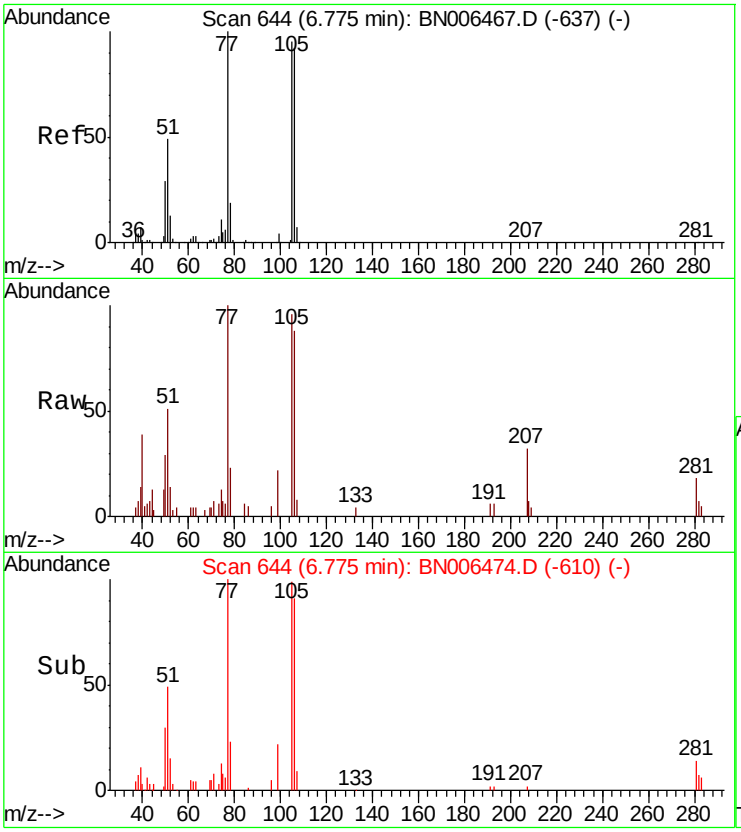
Instrument :
BNA_N
ClientSampleId :
A4216MS

Quant Time: Jun 24 05:54:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 22:42:34 2019
Response via : Initial Calibration



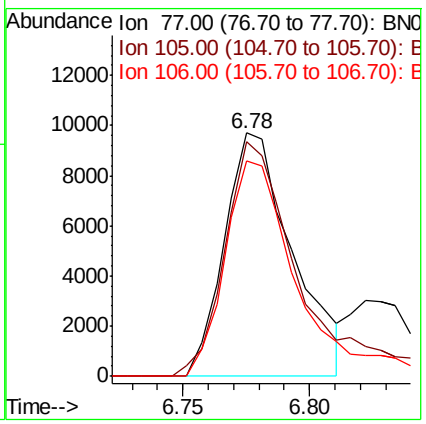


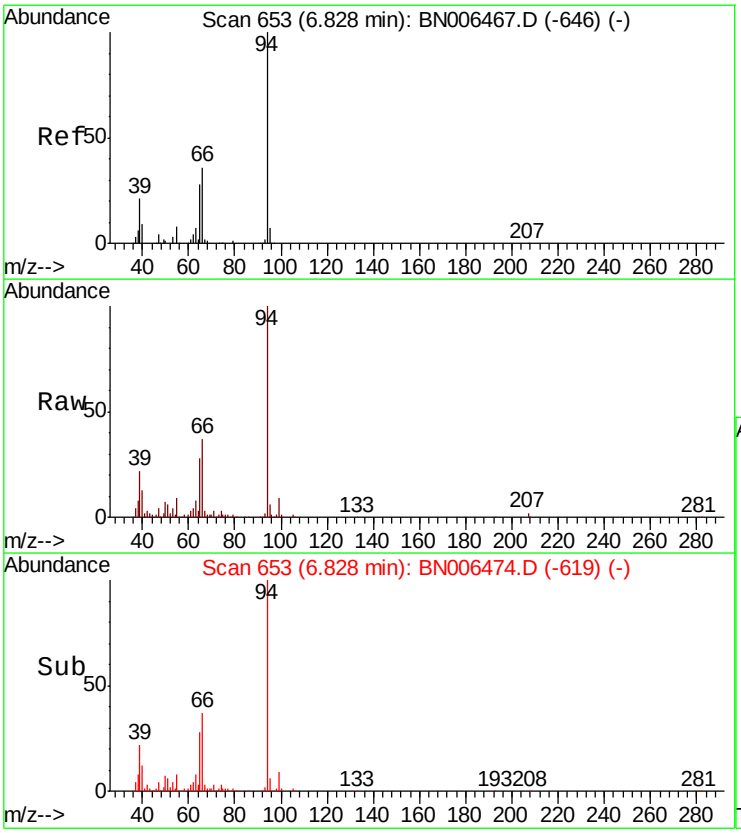
#4
Benzaldehyde
Concen: 1.614 ng/ul
RT: 6.78 min Scan# 644
Delta R.T. -0.00 min
Lab File: BN006474.D
Acq: 21 Jun 2019 20:32

Instrument :
BNA_N
ClientSampleId :
A4216MS

Tgt Ion: 77 Resp: 18118

Ion	Ratio	Lower	Upper
77	100		
105	96.2	74.1	111.1
106	88.3	72.7	109.1

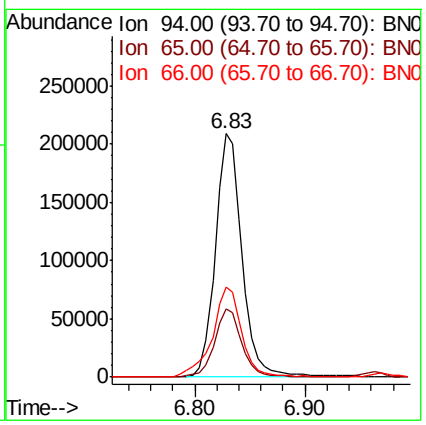


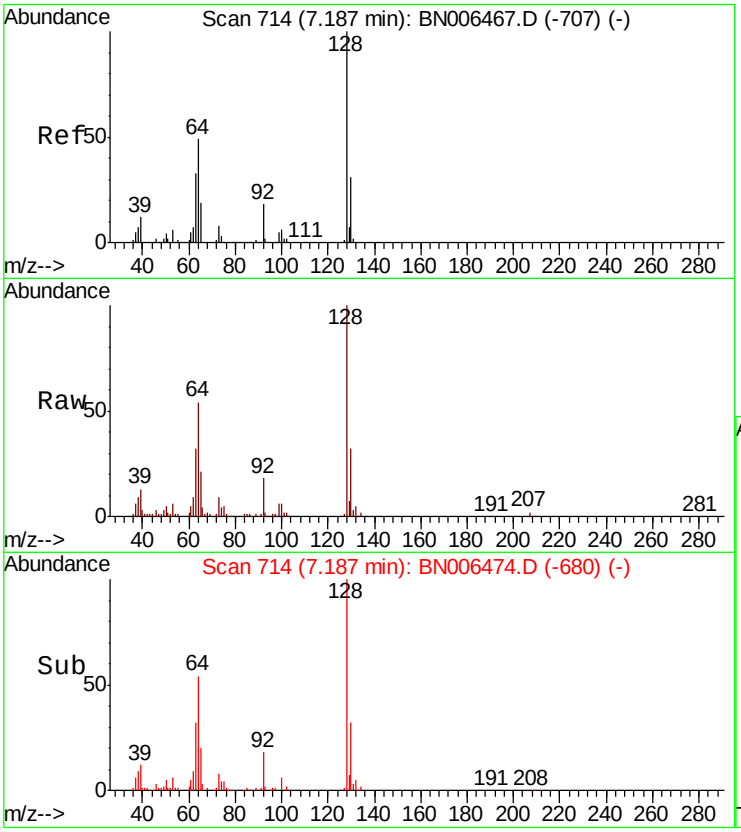


#6
Phenol
Concen: 13.041 ng/ul
RT: 6.83 min Scan# 653
Delta R.T. -0.00 min
Lab File: BN006474.D
Acq: 21 Jun 2019 20:32

Tgt Ion: 94 Resp: 349441

Ion	Ratio	Lower	Upper
94	100		
65	28.3	22.5	33.7
66	37.1	29.5	44.3



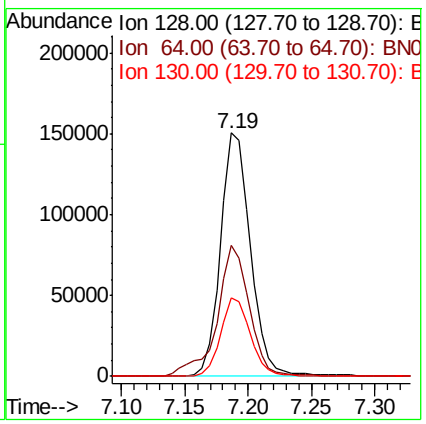


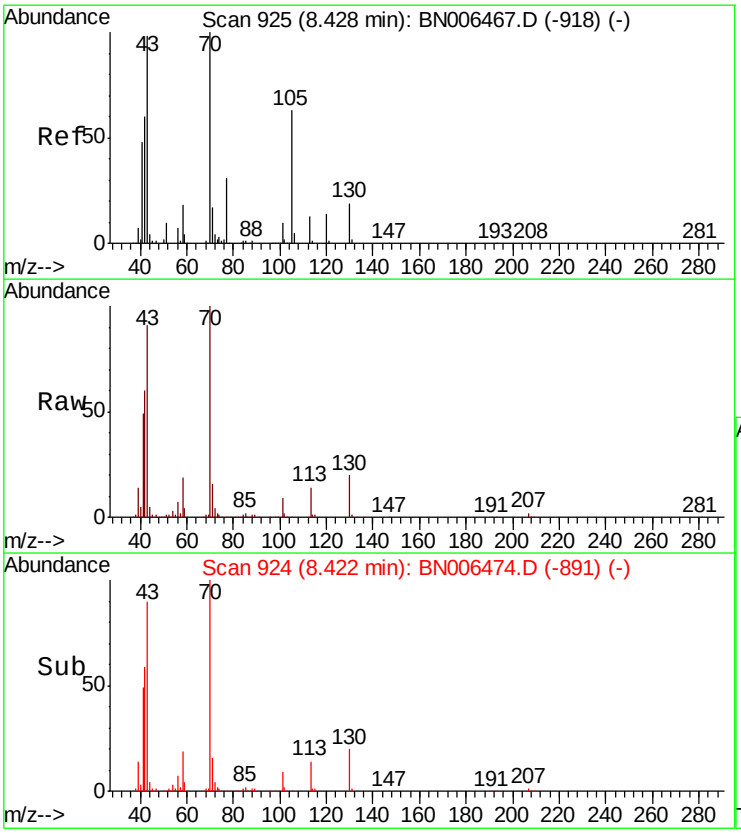
#10
2-Chlorophenol
Concen: 12.555 ng/ul
RT: 7.19 min Scan# 714
Delta R.T. -0.00 min
Lab File: BN006474.D
Acq: 21 Jun 2019 20:32

Instrument :
BNA_N
ClientSampleId :
A4216MS

Tgt Ion:128 Resp: 246544

Ion	Ratio	Lower	Upper
128	100		
64	53.6	42.4	63.6
130	32.1	26.6	39.8

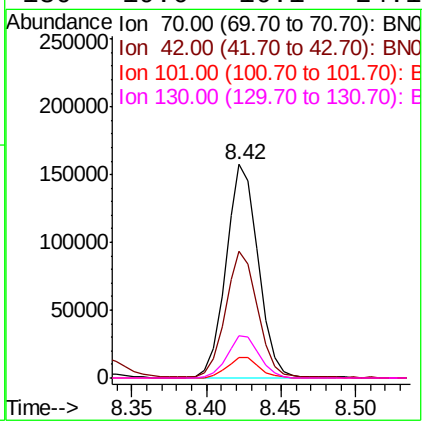


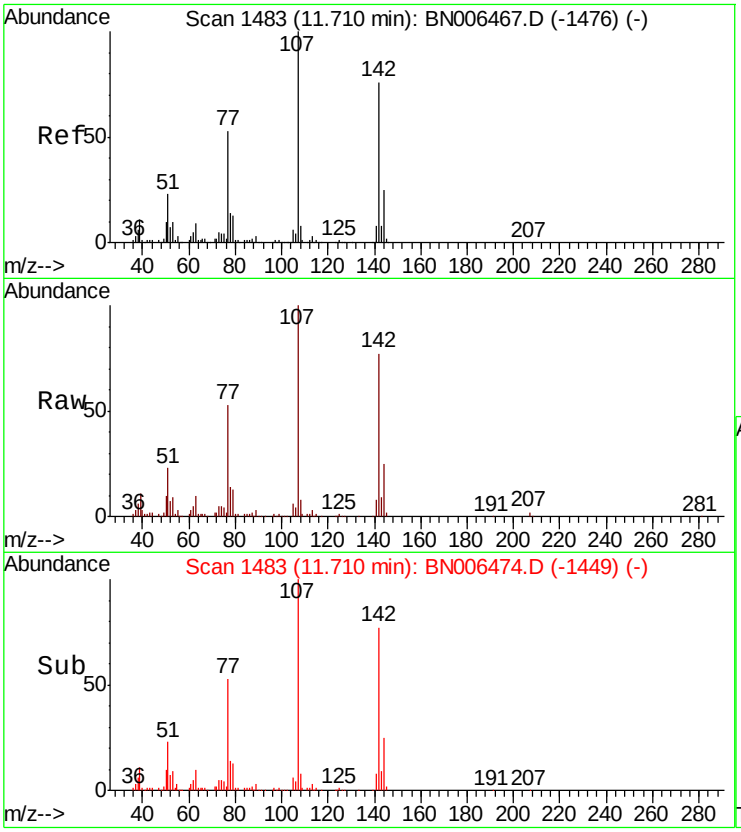


#15
N-Nitroso-di-n-propylamine
Concen: 13.412 ng/ul
RT: 8.42 min Scan# 924
Delta R.T. -0.01 min
Lab File: BN006474.D
Acq: 21 Jun 2019 20:32

Tgt Ion: 70 Resp: 238311

Ion	Ratio	Lower	Upper
70	100		
42	59.6	48.0	72.0
101	9.3	7.4	11.0
130	19.6	16.1	24.1



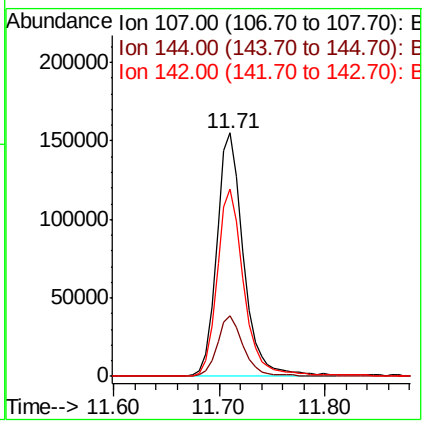


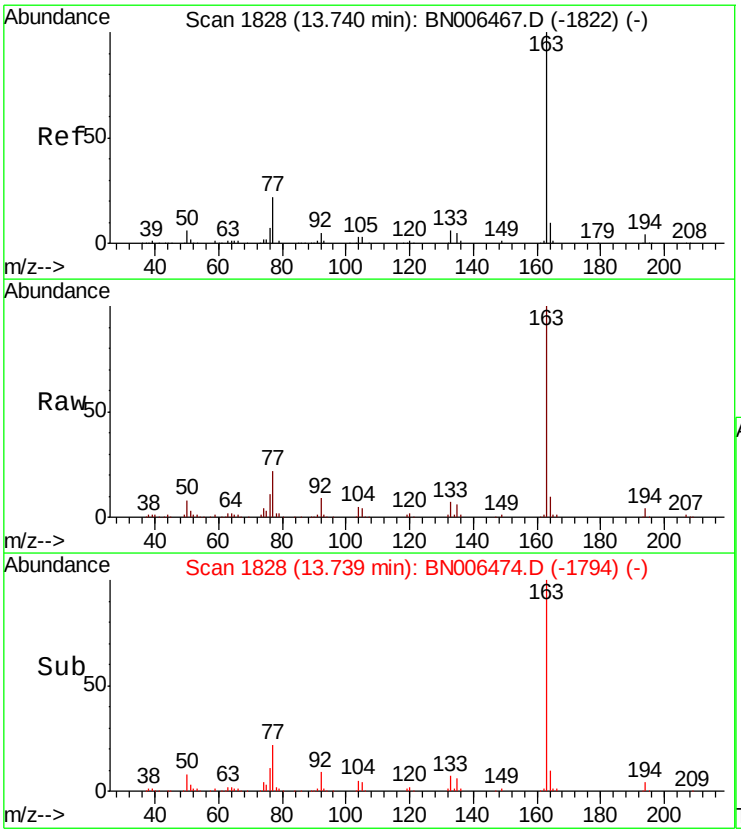
#33
4-Chloro-3-methylphenol
Concen: 11.892 ng/ul
RT: 11.71 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BN006474.D
Acq: 21 Jun 2019 20:32

Instrument :
BNA_N
ClientSampleId :
A4216MS

Tgt Ion:107 Resp: 269974

Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.7	31.1
142	76.8	60.8	91.2

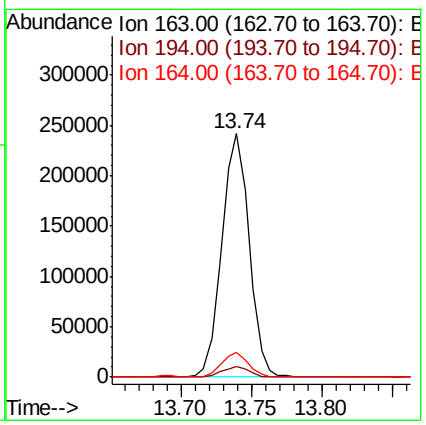


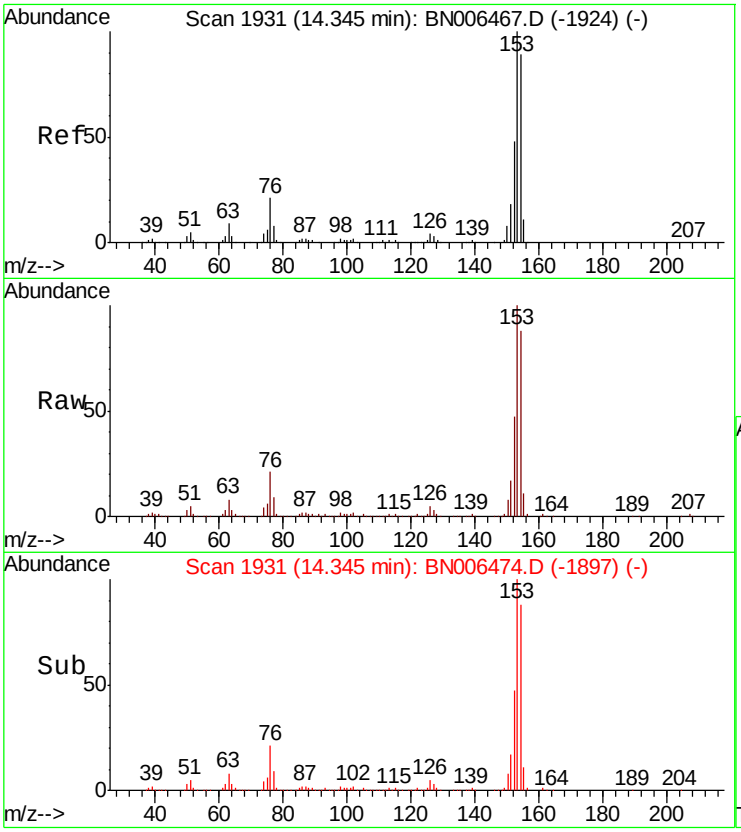


#44
Dimethylphthalate
Concen: 5.557 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BN006474.D
Acq: 21 Jun 2019 20:32

Tgt Ion:163 Resp: 325669

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.0	8.0	12.0



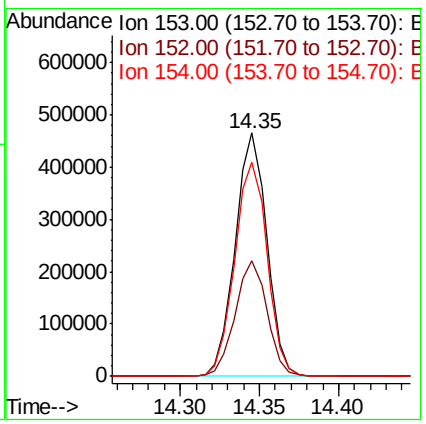


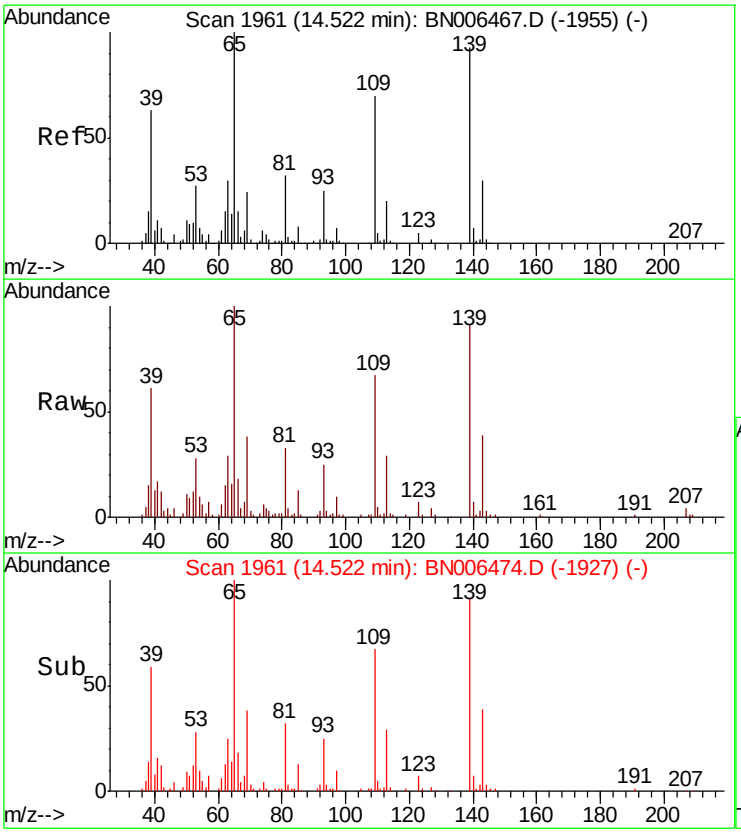
#49
Acenaphthene
Concen: 13.161 ng/ul
RT: 14.35 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BN006474.D
Acq: 21 Jun 2019 20:32

Instrument :
BNA_N
ClientSampleId :
A4216MS

Tgt Ion:153 Resp: 647629

Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.8	56.6
154	88.0	71.2	106.8

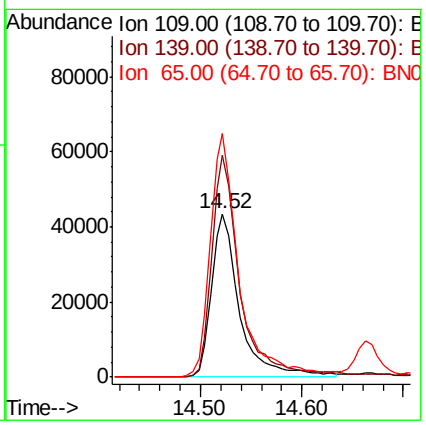


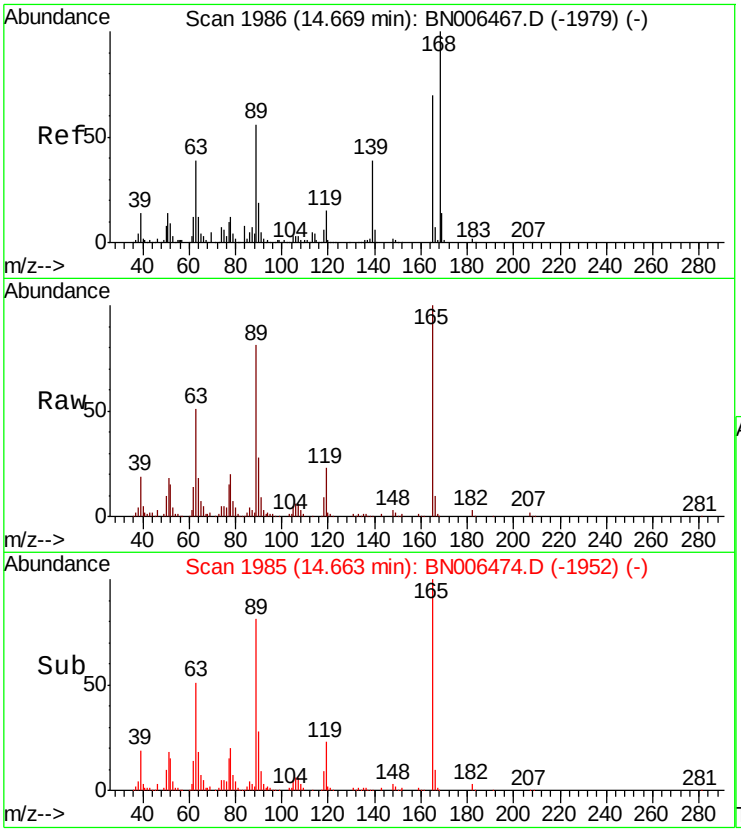


#52
4-Nitrophenol
Concen: 10.994 ng/ul
RT: 14.52 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BN006474.D
Acq: 21 Jun 2019 20:32

Tgt Ion:109 Resp: 83537

Ion	Ratio	Lower	Upper
109	100		
139	135.7	109.0	163.4
65	149.1	118.1	177.1



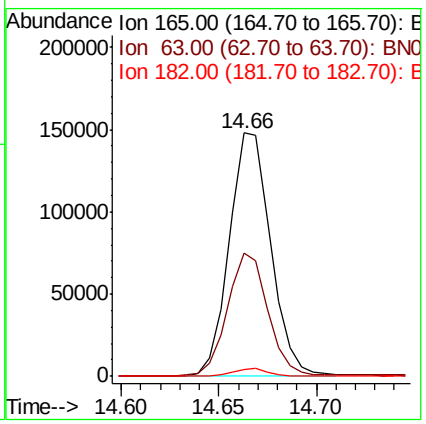


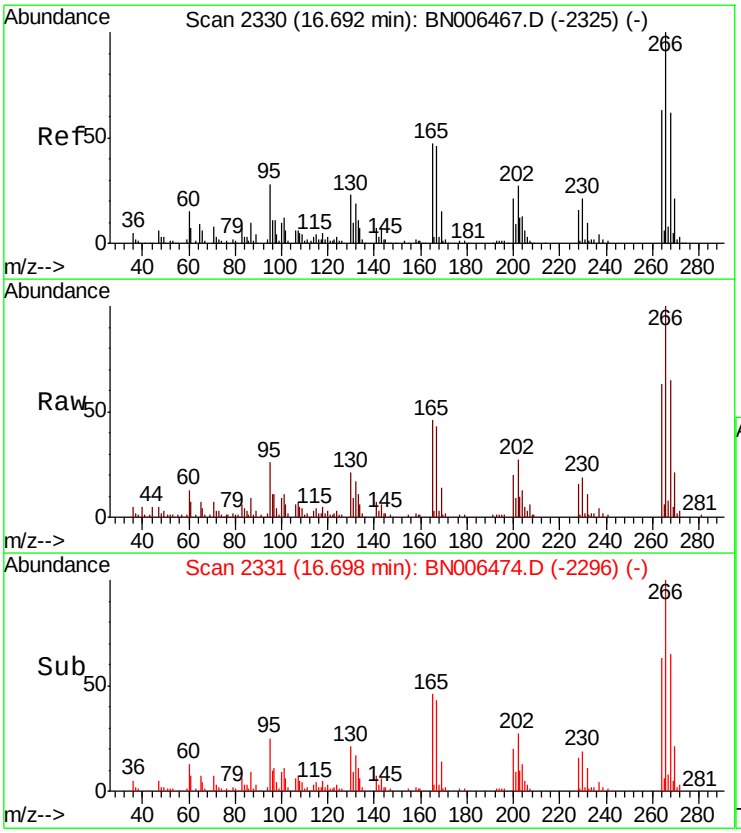
#54
2,4-Dinitrotoluene
Concen: 13.288 ng/ul
RT: 14.66 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BN006474.D
Acq: 21 Jun 2019 20:32

Instrument :
BNA_N
ClientSampleId :
A4216MS

Tgt Ion:165 Resp: 218533

Ion	Ratio	Lower	Upper
165	100		
63	50.9	41.7	62.5
182	2.8	2.2	3.4

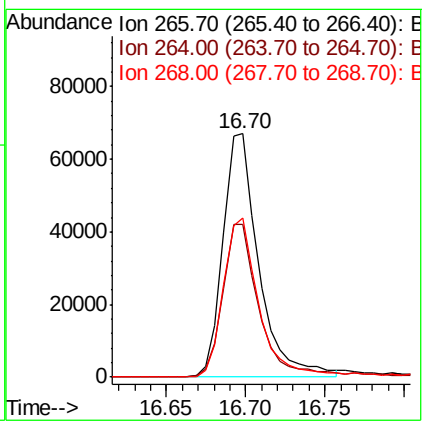


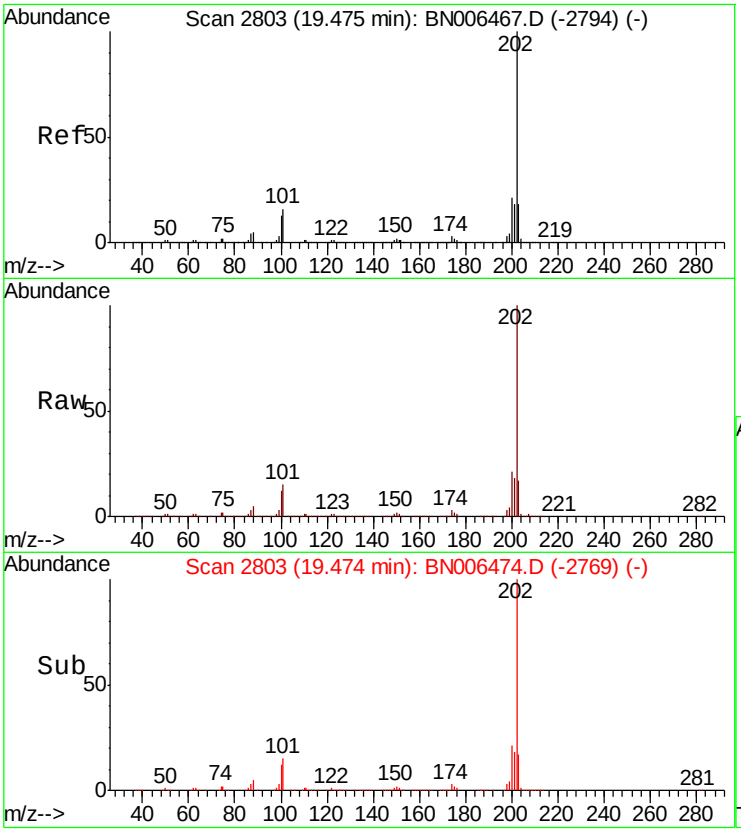


#68
Pentachlorophenol
Concen: 12.002 ng/ul
RT: 16.70 min Scan# 2331
Delta R.T. 0.01 min
Lab File: BN006474.D
Acq: 21 Jun 2019 20:32

Tgt Ion:266 Resp: 105291

Ion	Ratio	Lower	Upper
266	100		
264	62.9	47.8	71.6
268	65.4	50.8	76.2





#79
Pyrene
Concen: 16.633 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BN006474.D
Acq: 21 Jun 2019 20:32

Instrument :
BNA_N
ClientSampleId :
A4216MS

Tgt Ion:202 Resp: 1494444

Ion	Ratio	Lower	Upper
202	100		
101	15.1	12.2	18.4
100	11.9	9.8	14.6