Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051819\
Data File : BN005774.D
Acq On : 19 May 2019 04:00
Operator : JU/SJ
Sample : K2742-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C31

Quant Time: May 20 04:06:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 20 03:44:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	98818	20.00	ng/ul	0.04
18) Naphthalene-d8	10.35	136	445437	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.21	164	279377	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	694977	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	838628	20.00	ng/ul	-0.01
85) Perylene-d12	23.42	264	983660	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	10449	5.92	ng/uL	0.00
5) Phenol-d5	6.77	99	50675	6.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	126077	31.64	ng/ul	0.01
9) 2-Chlorophenol-d4	7.12	132	161462	26.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	104411	15.99	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	112126	34.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	129123	34.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	212847	29.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	7309	0.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	757620	35.24	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	934499	35.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	15135	5.00	ng/ul	0.04
57) Fluorene-d10	15.21	176	668463	36.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	123676	29.61	ng/ul	0.00
70) Anthracene-d10	17.07	188	1121752	37.36	ng/ul	0.00
78) Pyrene-d10	19.39	212	1399167	33.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1648710	37.36	ng/ul	-0.01
Target Compounds						Qvalue
10) 2-Chlorophenol	7.15	128	9143	1.470	ng/ul#	87
11) 2-Methylphenol	8.03	108	376984	60.989	ng/ul	93
20) Nitrobenzene	8.78	77	1225221	163.925	ng/ul	93
23) 2-Nitrophenol	9.47	139	11142	2.866	ng/ul	92
32) Caprolactam	11.16	113	32893	13.094	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	438044	48.700	ng/ul	97
68) Pentachlorophenol	16.66	266	4114	1.092	ng/ul	86
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	1211097	129.987	ng/uL	99
73) Pentachlorobenzene	14.55	250	31759	3.456	ng/uL	99

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

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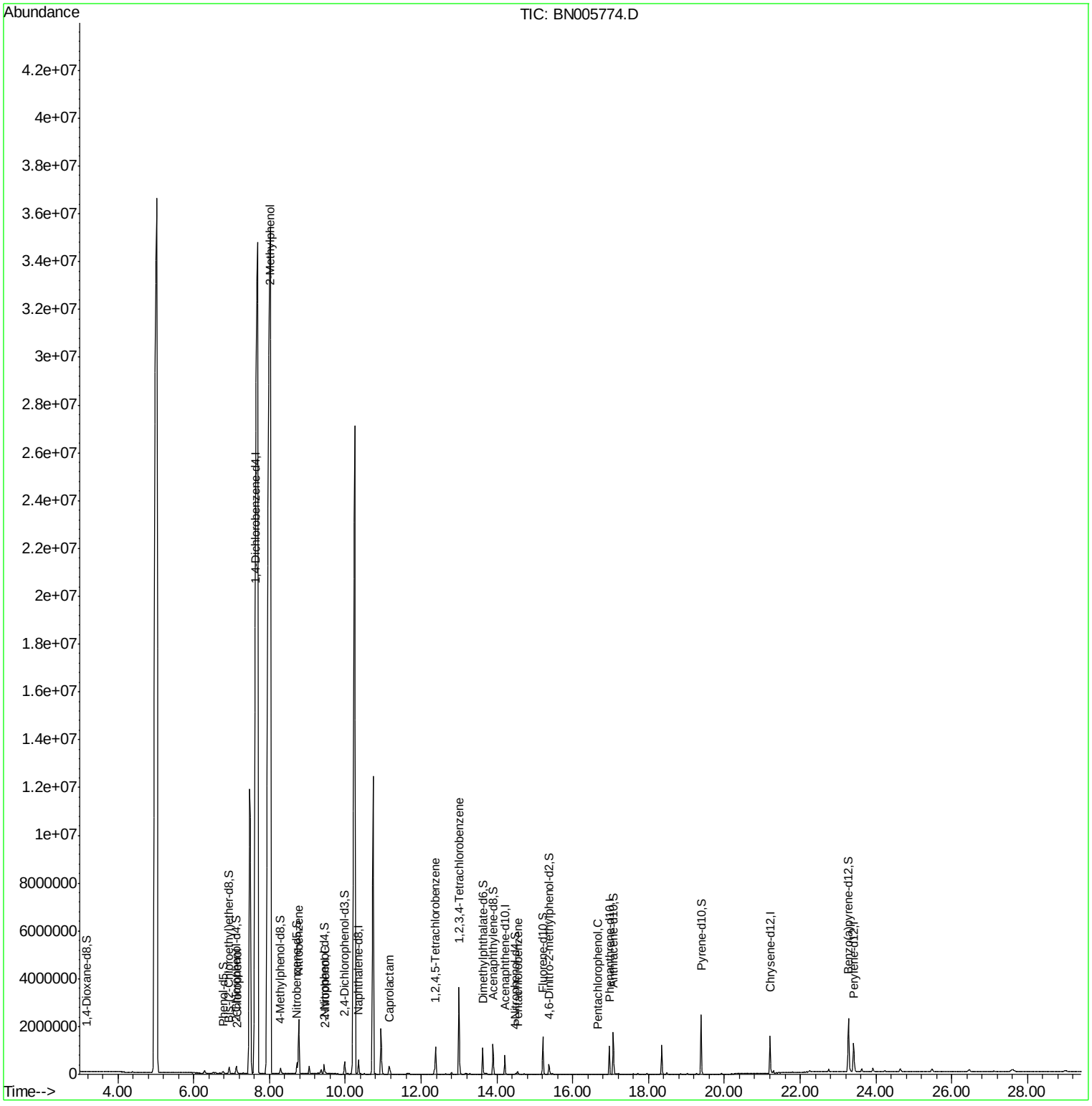
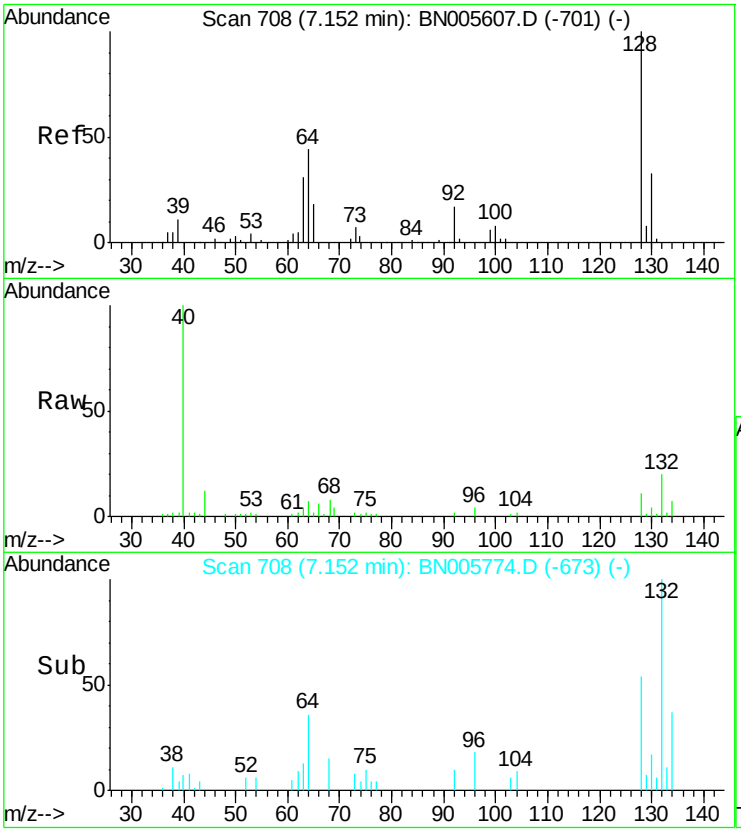


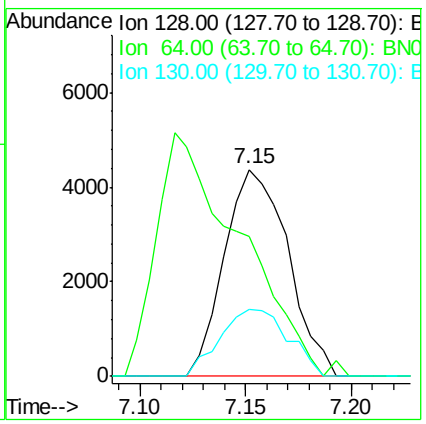


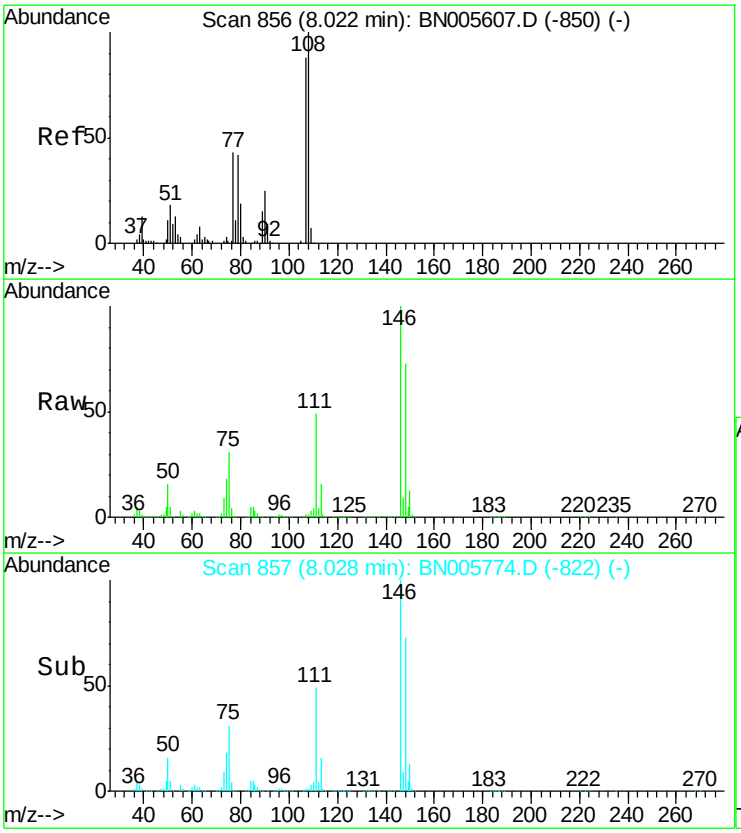
#10
2-Chlorophenol
Concen: 1.470 ng/ul
RT: 7.15 min Scan# 708
Delta R.T. 0.01 min
Lab File: BN005774.D
Acq: 19 May 2019 04:00

Instrument :
BNA_N
ClientSampleId :
C0C31

Tgt Ion:128 Resp: 9143

Ion	Ratio	Lower	Upper
128	100		
64	67.6	42.3	63.5#
130	32.5	26.5	39.7

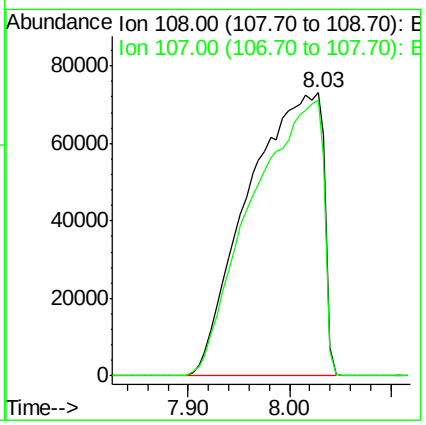


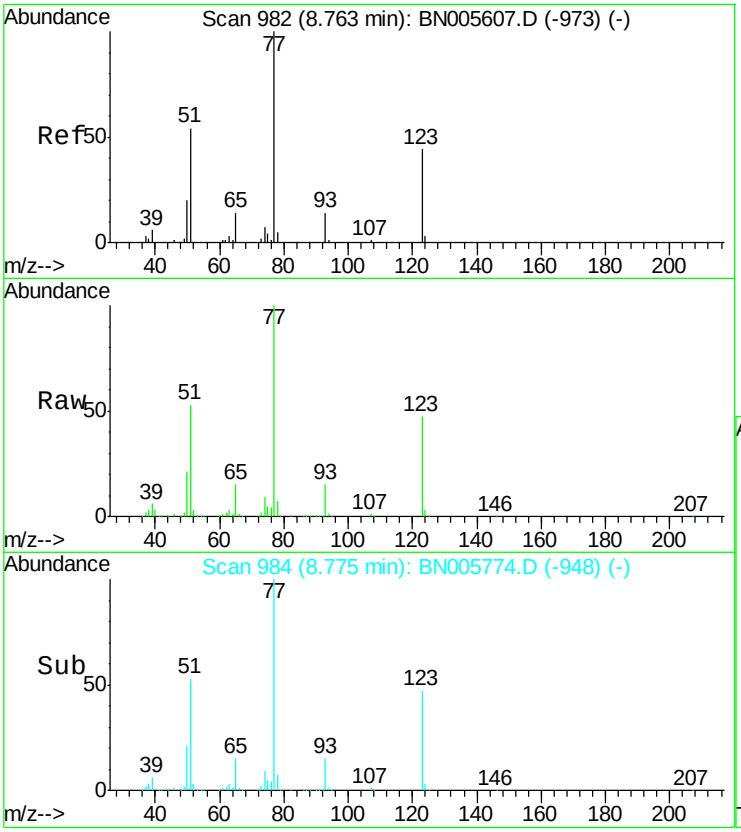


#11
2-Methylphenol
Concen: 60.989 ng/ul
RT: 8.03 min Scan# 857
Delta R.T. 0.01 min
Lab File: BN005774.D
Acq: 19 May 2019 04:00

Tgt Ion:108 Resp: 376984

Ion	Ratio	Lower	Upper
108	100		
107	97.6	72.9	109.3



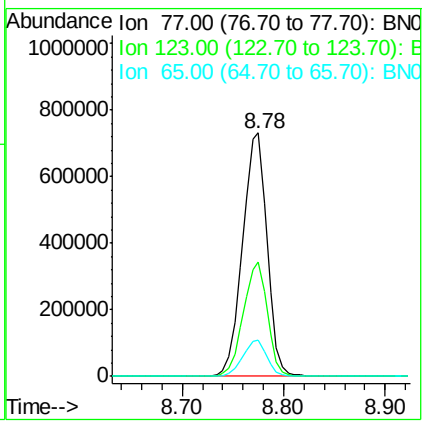


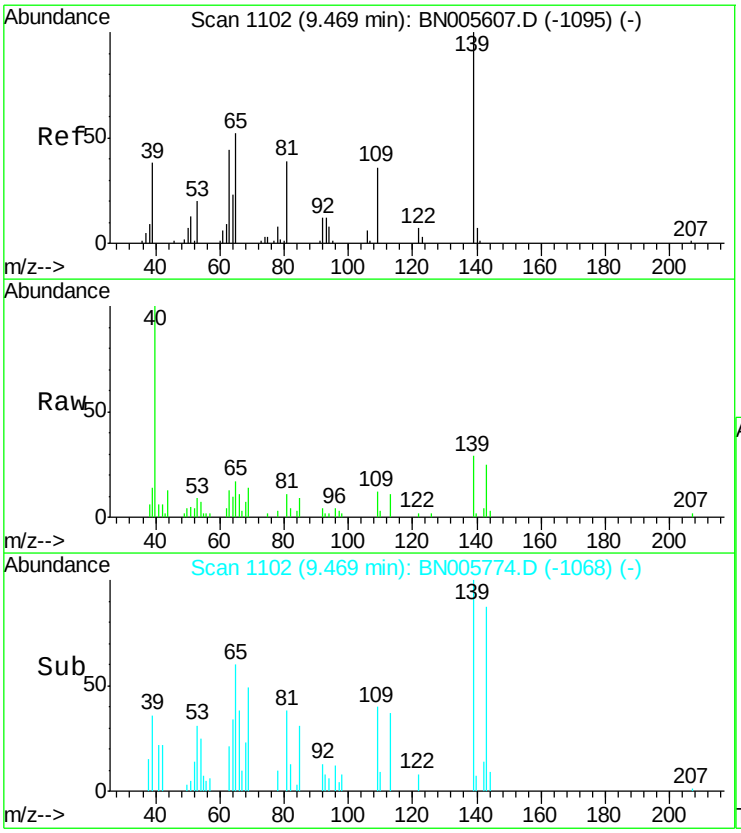
#20
Nitrobenzene
Concen: 163.925 ng/ul
RT: 8.78 min Scan# 984
Delta R.T. 0.01 min
Lab File: BN005774.D
Acq: 19 May 2019 04:00

Instrument :
BNA_N
ClientSampleId :
C0C31

Tgt Ion: 77 Resp: 1225221

Ion	Ratio	Lower	Upper
77	100		
123	46.8	32.6	49.0
65	14.7	11.6	17.4

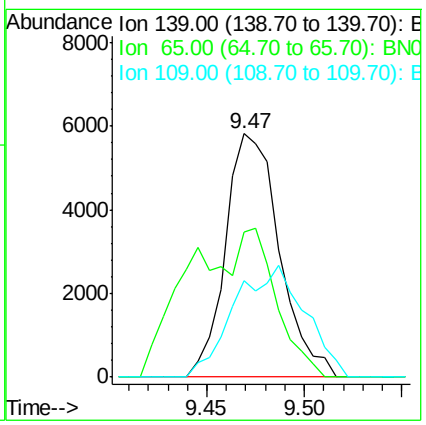


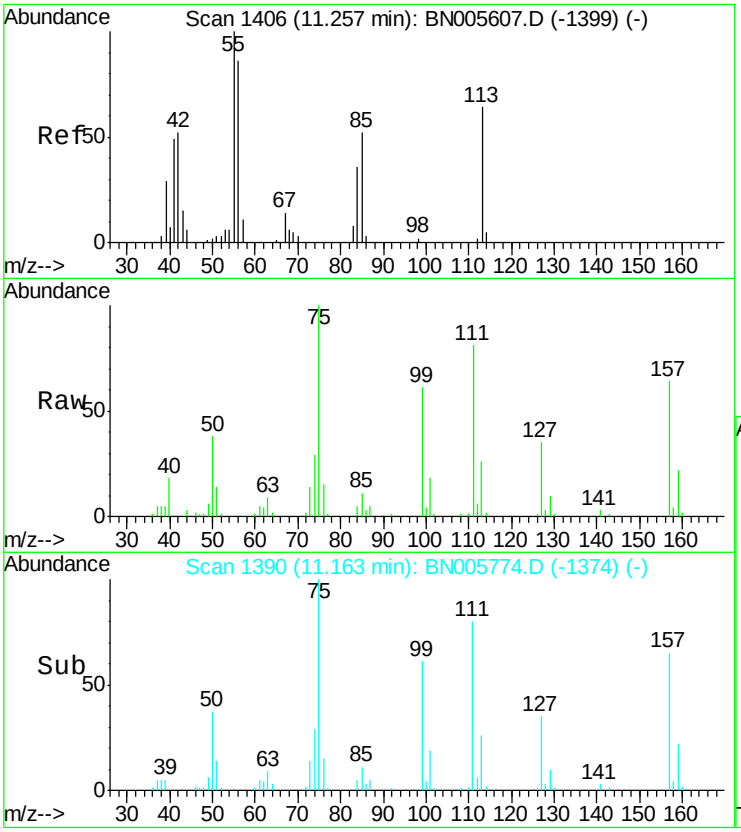


#23
2-Nitrophenol
Concen: 2.866 ng/ul
RT: 9.47 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BN005774.D
Acq: 19 May 2019 04:00

Tgt Ion:139 Resp: 11142

Ion	Ratio	Lower	Upper
139	100		
65	59.6	44.2	66.4
109	39.6	26.8	40.2



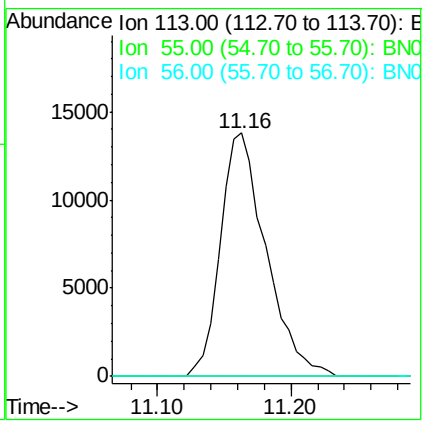


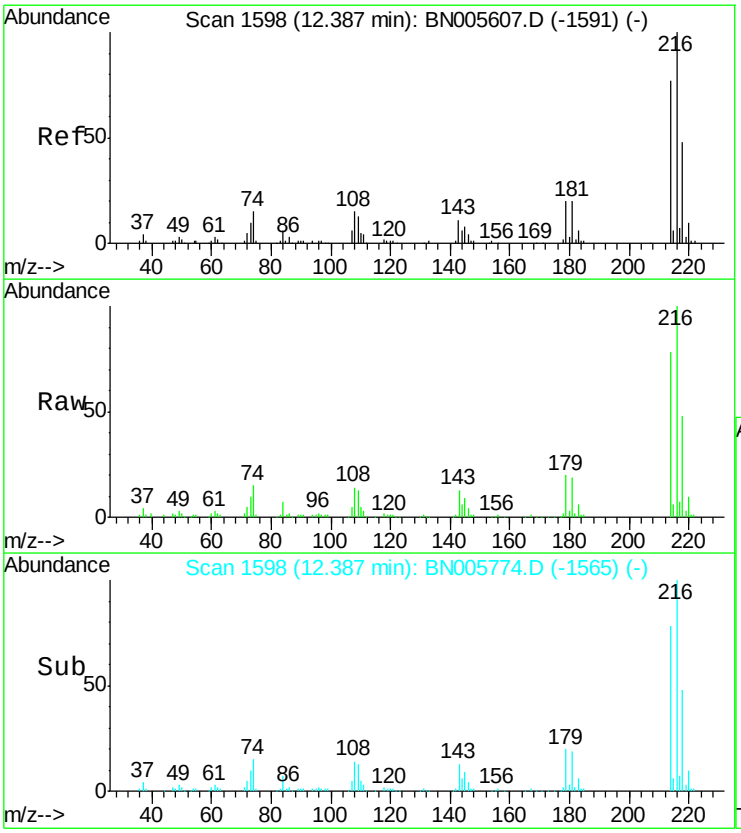
#32
Caprolactam
Concen: 13.094 ng/ul
RT: 11.16 min Scan# 1390
Delta R.T. -0.11 min
Lab File: BN005774.D
Acq: 19 May 2019 04:00

Instrument :
BNA_N
ClientSampleId :
C0C31

Tgt Ion:113 Resp: 32893

Ion	Ratio	Lower	Upper
113	100		
55	0.0	157.0	235.4#
56	0.0	119.1	178.7#

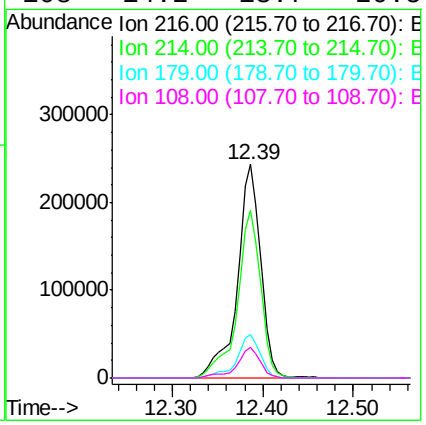


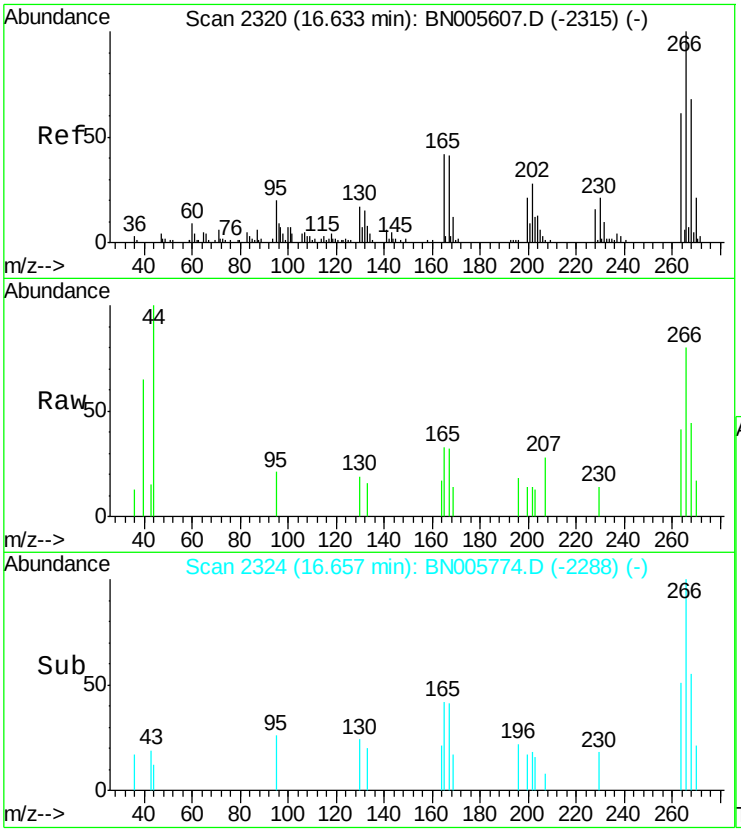


#36
1,2,4,5-Tetrachlorobenzene
Concen: 48.700 ng/ul
RT: 12.39 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BN005774.D
Acq: 19 May 2019 04:00

Tgt Ion:216 Resp: 438044

Ion	Ratio	Lower	Upper
216	100		
214	78.3	64.1	96.1
179	20.2	17.4	26.0
108	14.2	13.7	20.5



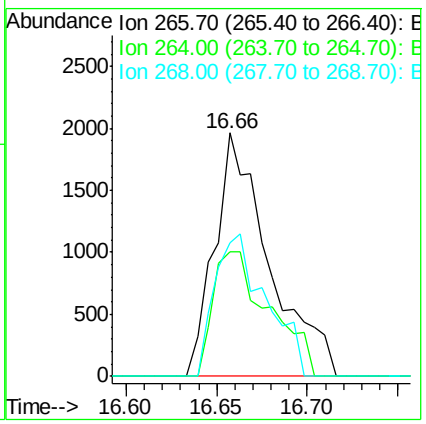


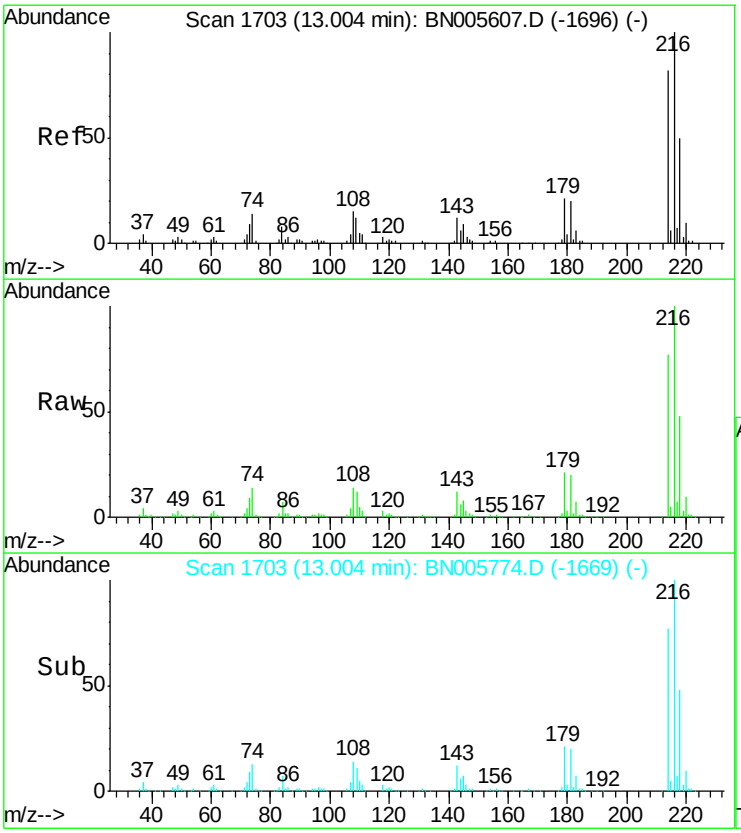
#68
Pentachlorophenol
Concen: 1.092 ng/ul
RT: 16.66 min Scan# 2324
Delta R.T. 0.01 min
Lab File: BN005774.D
Acq: 19 May 2019 04:00

Instrument :
BNA_N
ClientSampleId :
C0C31

Tgt Ion:266 Resp: 4114

Ion	Ratio	Lower	Upper
266	100		
264	51.2	49.7	74.5
268	54.8	52.4	78.6

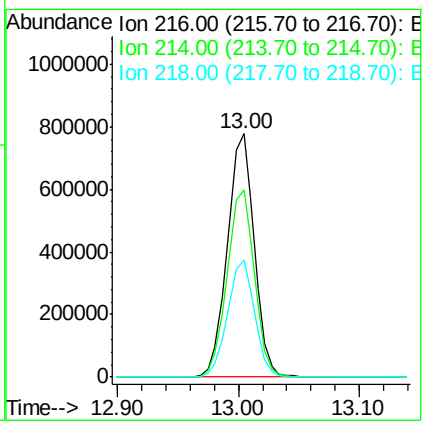


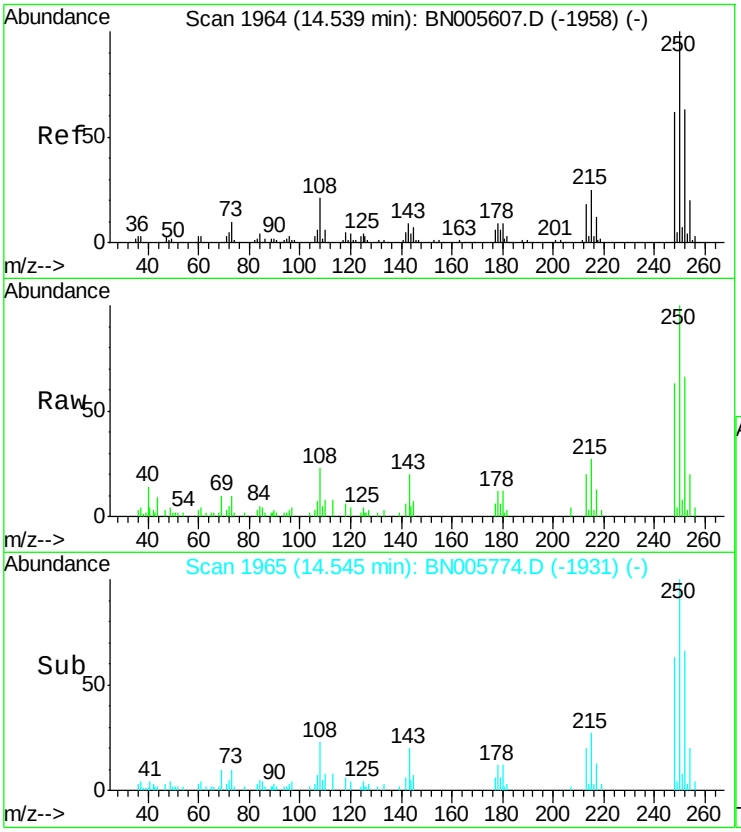


#72
1,2,3,4-Tetrachlorobenzene
Concen: 129.987 ng/uL
RT: 13.00 min Scan# 1703
Delta R.T. -0.00 min
Lab File: BN005774.D
Acq: 19 May 2019 04:00

Tgt Ion:216 Resp: 1211097

Ion	Ratio	Lower	Upper
216	100		
214	77.1	60.8	91.2
218	48.0	38.6	58.0





#73
Pentachlorobenzene
Concen: 3.456 ng/uL
RT: 14.55 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BN005774.D
Acq: 19 May 2019 04:00

Instrument :
BNA_N
ClientSampleId :
C0C31

Tgt Ion:250 Resp: 31759

Ion	Ratio	Lower	Upper
250	100		
248	62.9	50.6	75.8
252	65.7	51.8	77.8