Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008557.D
Acq On : 14 Nov 2019 15:31
Operator : JU
Sample : K5656-04MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5453MS

Quant Time: Nov 14 16:11:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 14 10:03:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	423927	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1751526	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	1127072	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	2370935	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	2069517	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	2232061	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	37743	3.61	ng/uL	0.00
5) Phenol-d5	6.82	99	204459	5.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	439079	19.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	493583	17.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	342214	11.84	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	283957	23.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	320378	28.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	560262	19.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	59026	1.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	1983314	22.23	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	2163102	21.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	89245	6.45	ng/ul	0.00
57) Fluorene-d10	15.26	176	1606718	21.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	246434	27.23	ng/ul	0.00
70) Anthracene-d10	17.10	188	2673356	23.79	ng/ul	0.00
78) Pyrene-d10	19.40	212	3047977	25.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	2896427	24.99	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.85	94	247388	6.442	ng/ul	98
10) 2-Chlorophenol	7.21	128	483312	16.511	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.43	70	471834	19.334	ng/ul	98
33) 4-Chloro-3-methylphenol	11.69	107	584785	17.713	ng/ul	91
44) Dimethylphthalate	13.72	163	156911	1.817	ng/ul	99
49) Acenaphthene	14.33	153	1438507	20.331	ng/ul	98
52) 4-Nitrophenol	14.47	109	88237	6.500	ng/ul	96
54) 2,4-Dinitrotoluene	14.62	165	523064	27.302	ng/ul	99
68) Pentachlorophenol	16.66	266	347861	23.432	ng/ul	94
79) Pyrene	19.43	202	3637354	24.555	ng/ul	98

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

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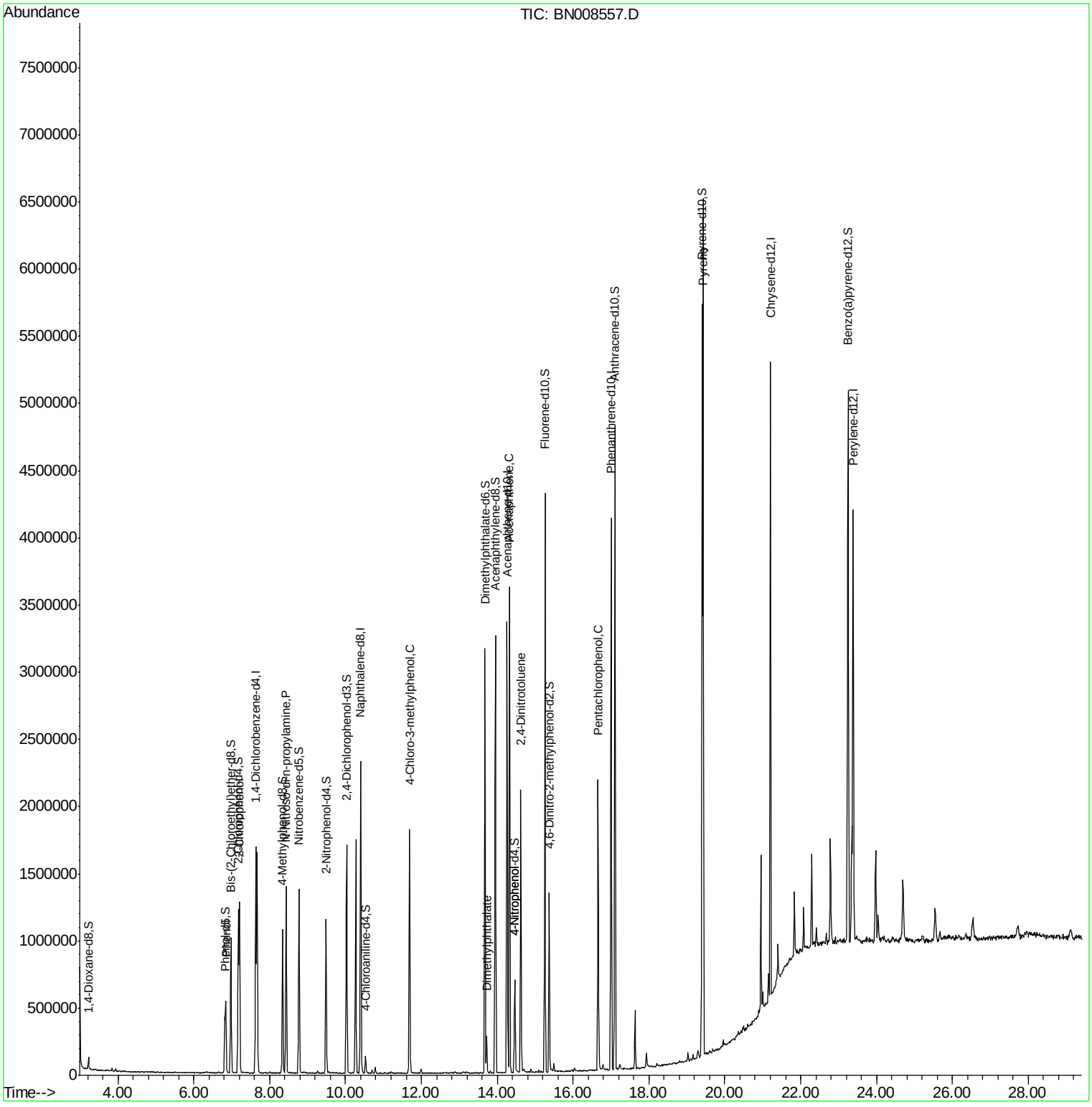
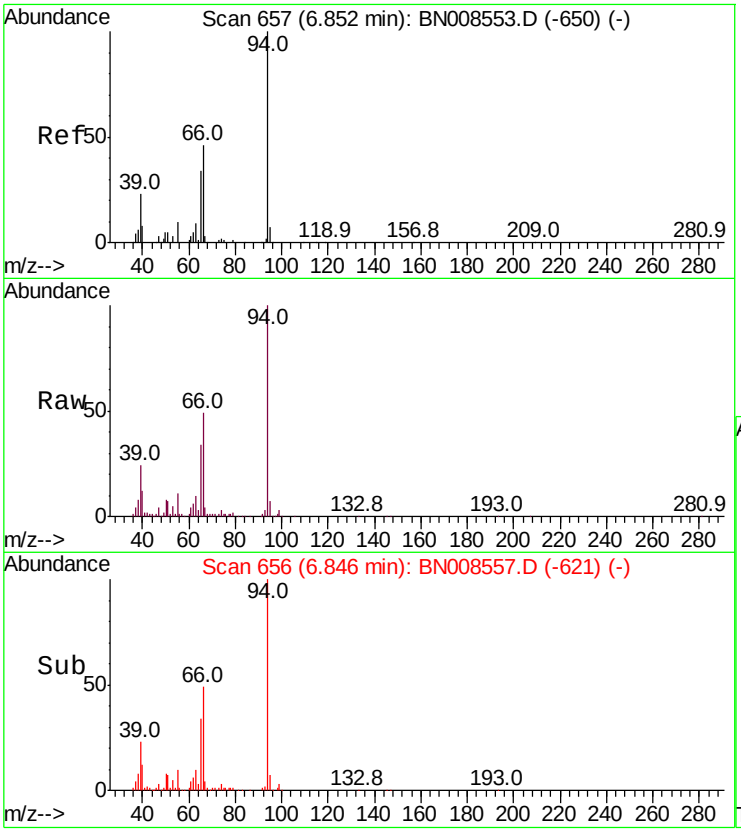


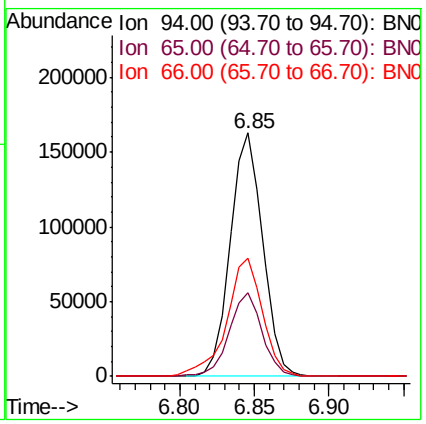


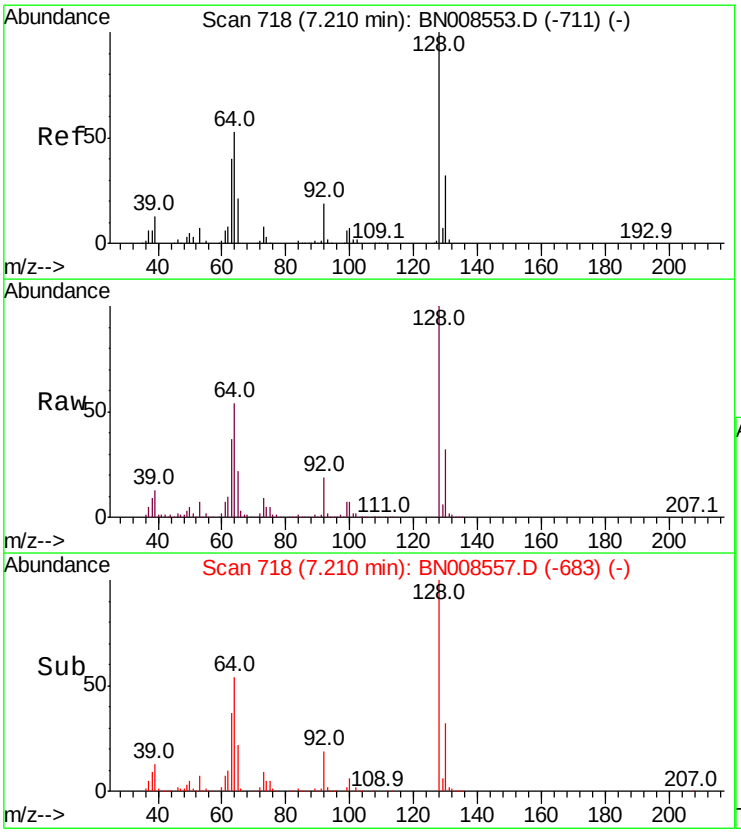
#6
Phenol
Concen: 6.442 ng/ul
RT: 6.85 min Scan# 656
Delta R.T. 0.01 min
Lab File: BN008557.D
Acq: 14 Nov 2019 15:31

Instrument :
BNA_N
ClientSampleId :
A5453MS

Tgt Ion: 94 Resp: 247388

Ion	Ratio	Lower	Upper
94	100		
65	34.2	27.7	41.5
66	48.7	37.0	55.6

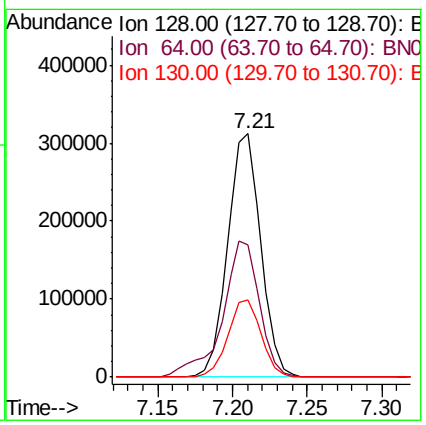


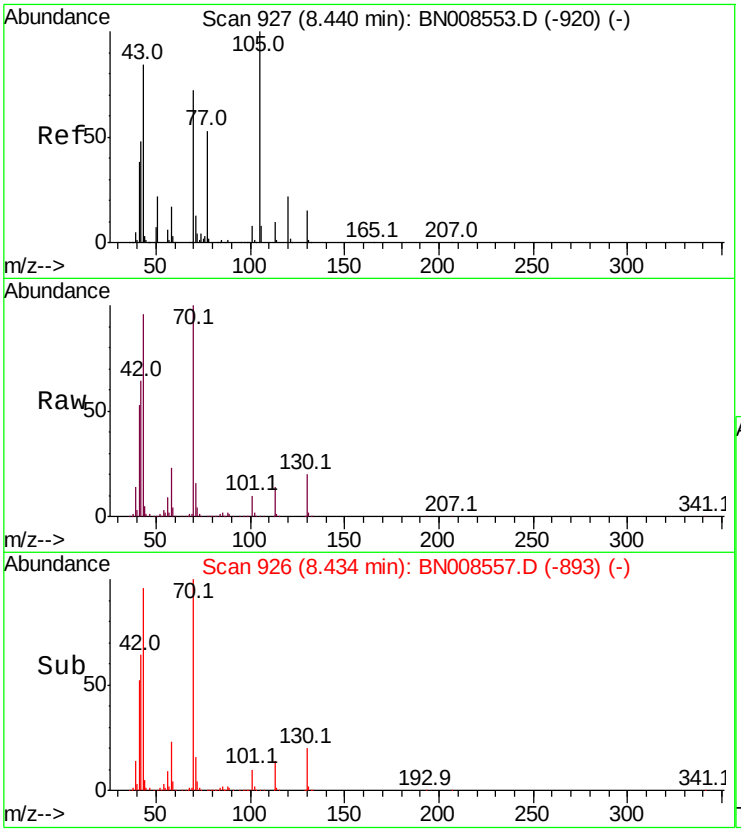


#10
2-Chlorophenol
Concen: 16.511 ng/ul
RT: 7.21 min Scan# 718
Delta R.T. 0.01 min
Lab File: BN008557.D
Acq: 14 Nov 2019 15:31

Tgt Ion:128 Resp: 483312

Ion	Ratio	Lower	Upper
128	100		
64	54.1	46.2	69.2
130	31.7	24.6	36.8



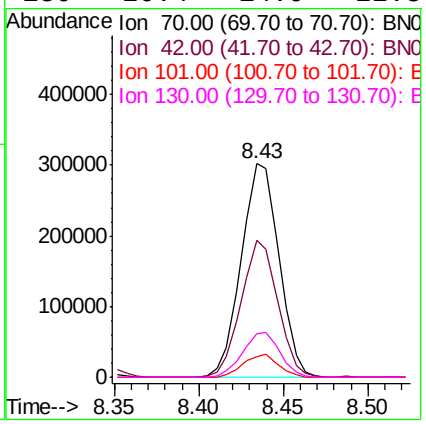


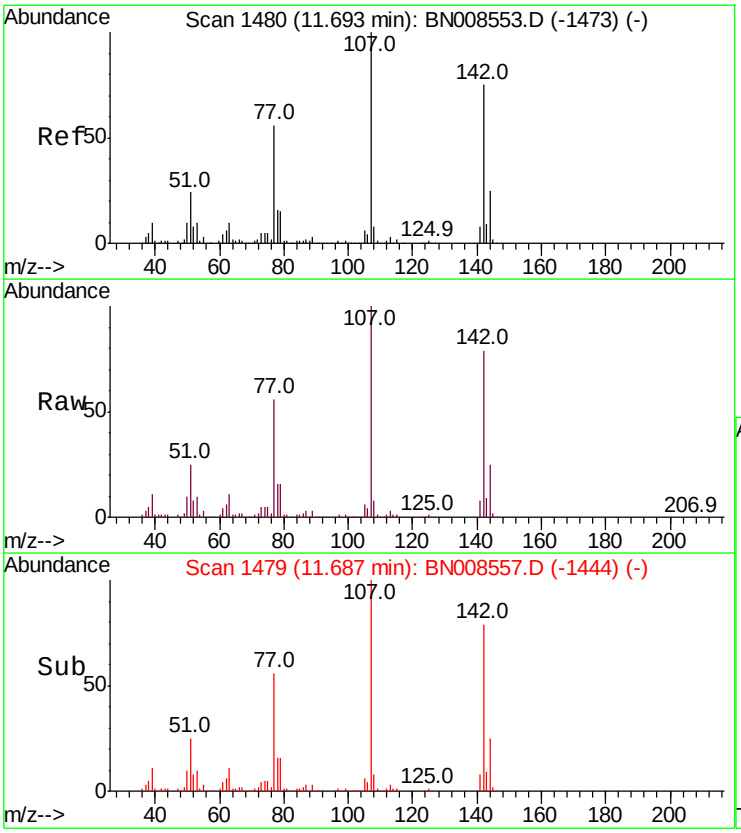
#15
N-Nitroso-di-n-propylamine
Concen: 19.334 ng/ul
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BN008557.D
Acq: 14 Nov 2019 15:31

Instrument :
BNA_N
ClientSampleId :
A5453MS

Tgt Ion: 70 Resp: 471834

Ion	Ratio	Lower	Upper
70	100		
42	63.9	52.0	78.0
101	9.6	7.5	11.3
130	20.4	14.9	22.3

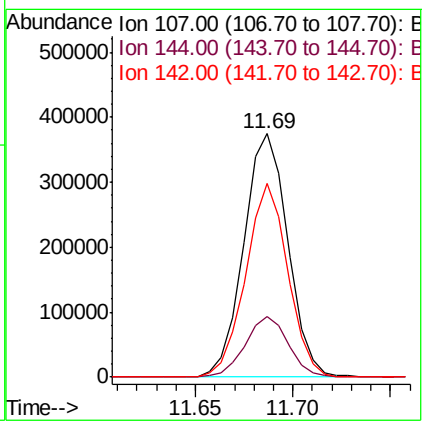


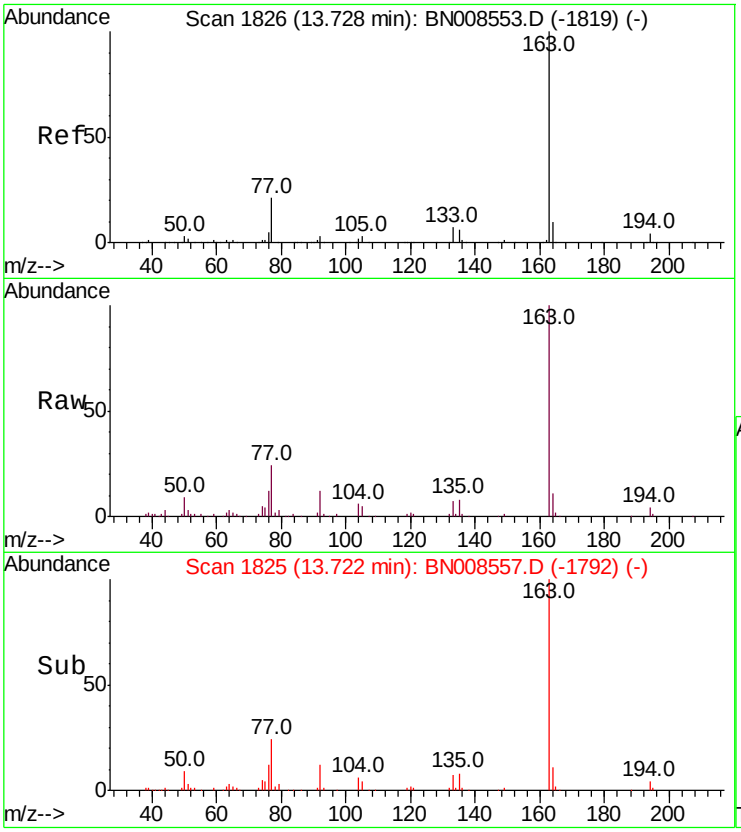


#33
4-Chloro-3-methylphenol
Concen: 17.713 ng/ul
RT: 11.69 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BN008557.D
Acq: 14 Nov 2019 15:31

Tgt Ion:107 Resp: 584785

Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.2	28.8
142	79.5	56.2	84.4



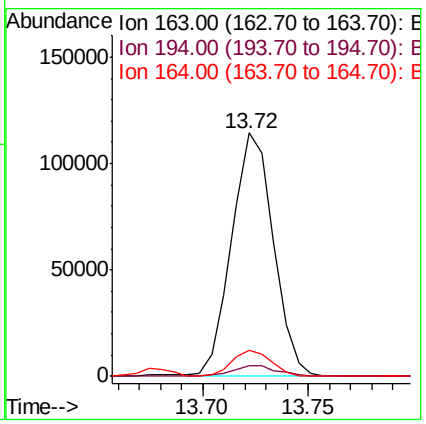


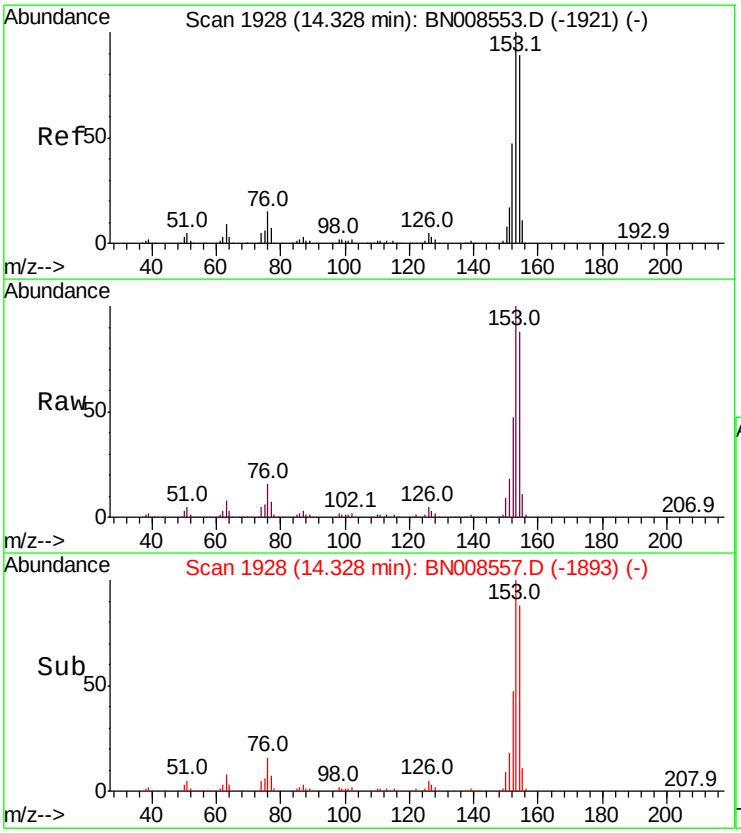
#44
Dimethylphthalate
Concen: 1.817 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BN008557.D
Acq: 14 Nov 2019 15:31

Instrument :
BNA_N
ClientSampleId :
A5453MS

Tgt Ion:163 Resp: 156911

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.6	8.1	12.1

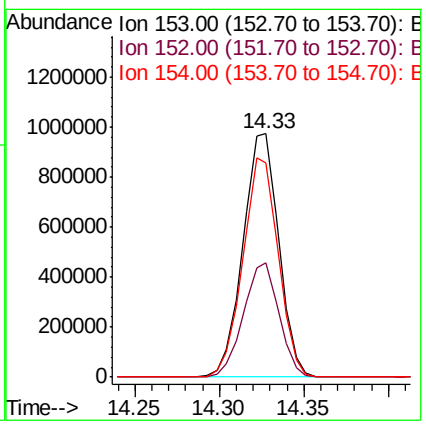


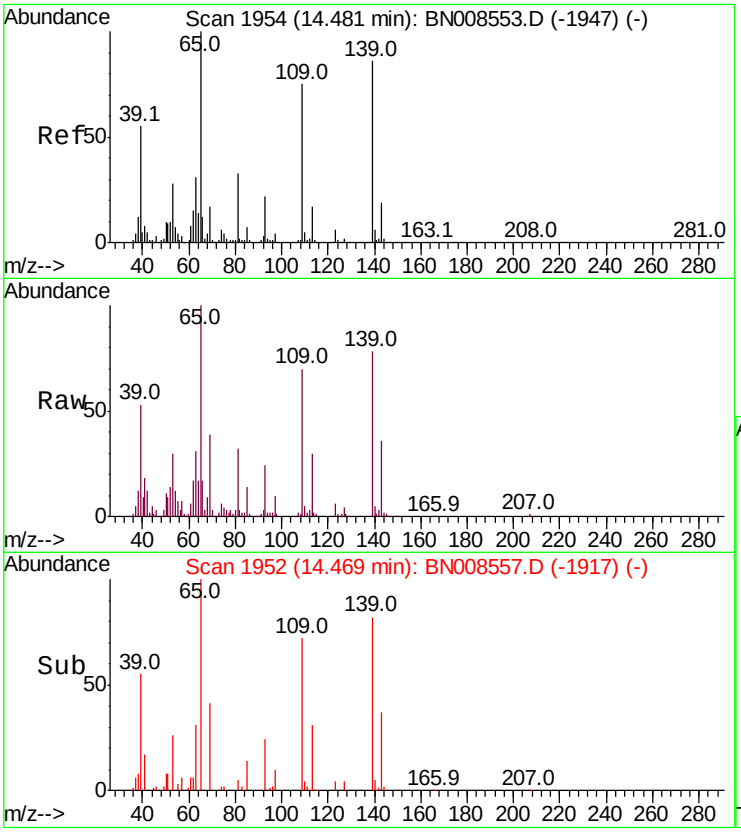


#49
Acenaphthene
Concen: 20.331 ng/ul
RT: 14.33 min Scan# 1928
Delta R.T. 0.01 min
Lab File: BN008557.D
Acq: 14 Nov 2019 15:31

Tgt Ion:153 Resp: 1438507

Ion	Ratio	Lower	Upper
153	100		
152	46.8	38.7	58.1
154	88.0	71.3	106.9



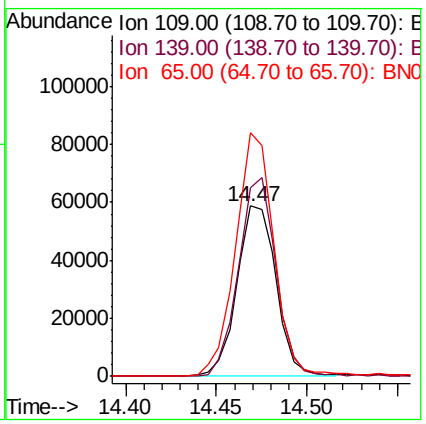


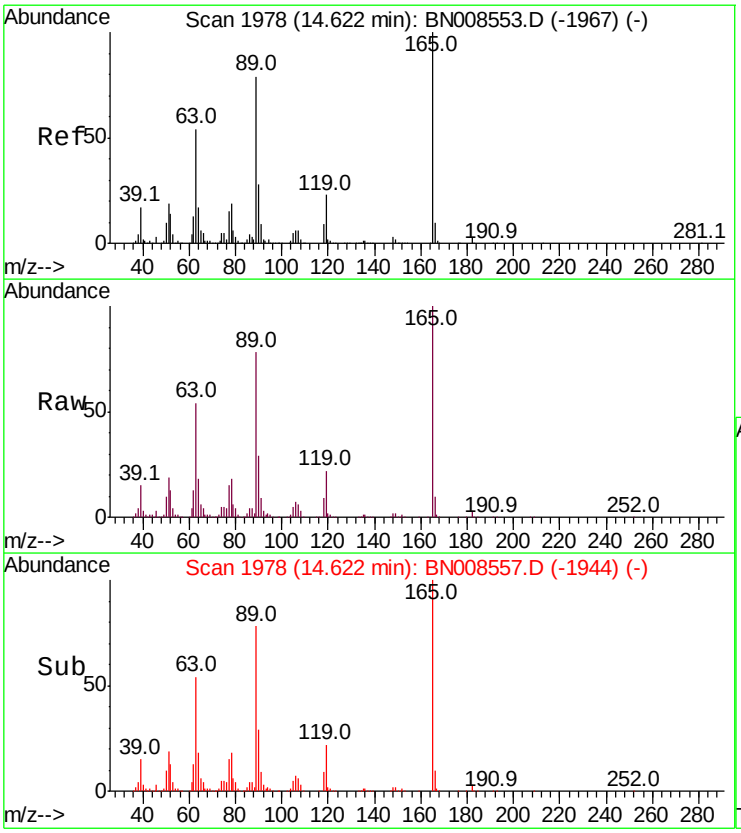
#52
4-Nitrophenol
Concen: 6.500 ng/ul
RT: 14.47 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BN008557.D
Acq: 14 Nov 2019 15:31

Instrument :
BNA_N
ClientSampleId :
A5453MS

Tgt Ion:109 Resp: 88237

Ion	Ratio	Lower	Upper
109	100		
139	111.0	90.8	136.2
65	143.2	109.3	163.9

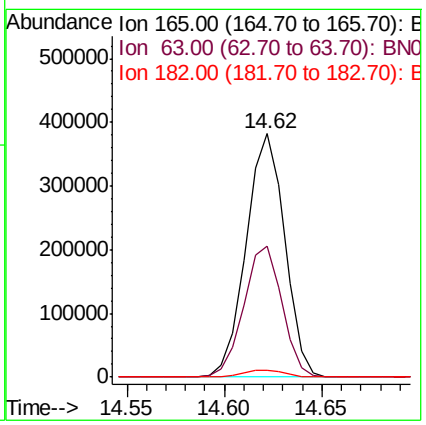


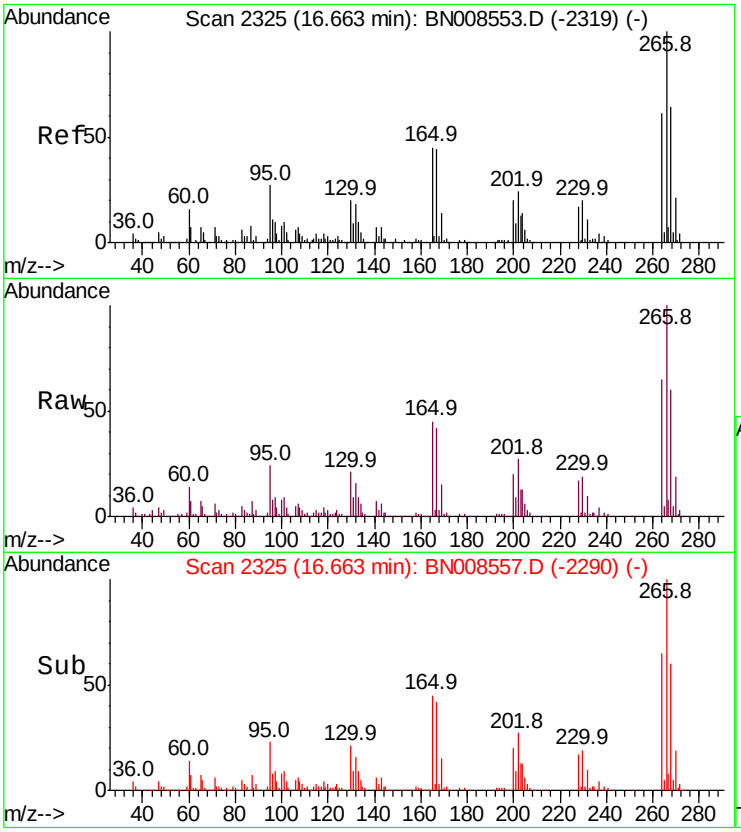


#54
2,4-Dinitrotoluene
Concen: 27.302 ng/ul
RT: 14.62 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BN008557.D
Acq: 14 Nov 2019 15:31

Tgt Ion:165 Resp: 523064

Ion	Ratio	Lower	Upper
165	100		
63	53.8	42.7	64.1
182	2.8	2.3	3.5



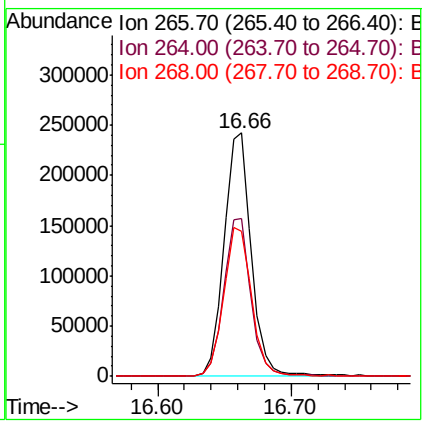


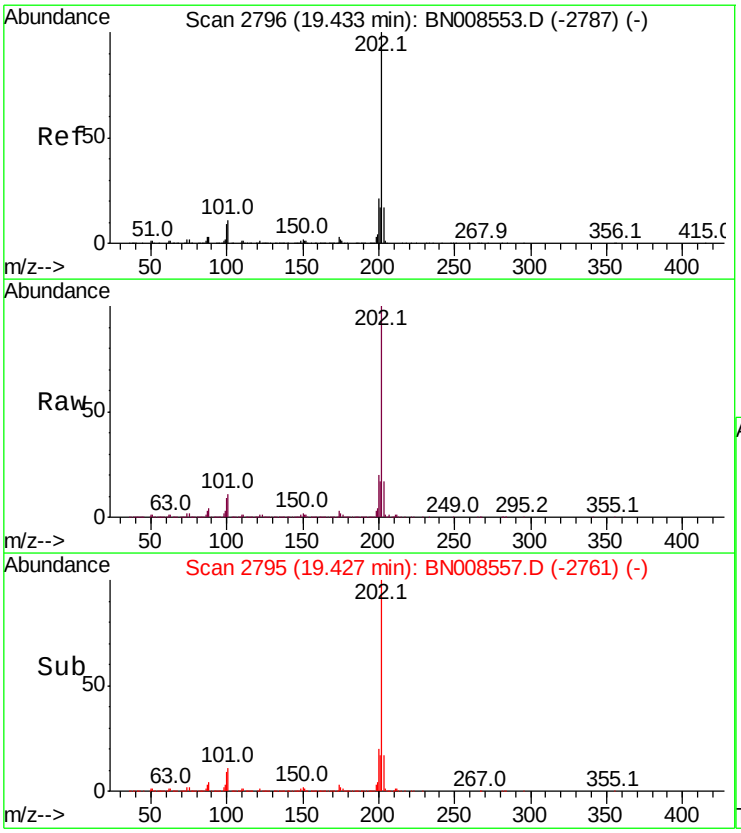
#68
Pentachlorophenol
Concen: 23.432 ng/ul
RT: 16.66 min Scan# 2325
Delta R.T. 0.01 min
Lab File: BN008557.D
Acq: 14 Nov 2019 15:31

Instrument :
BNA_N
ClientSampleId :
A5453MS

Tgt Ion:266 Resp: 347861

Ion	Ratio	Lower	Upper
266	100		
264	64.7	48.2	72.4
268	59.7	51.6	77.4





#79
Pyrene
Concen: 24.555 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BN008557.D
Acq: 14 Nov 2019 15:31

Tgt Ion:202 Resp: 3637354

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.8	14.6
100	9.4	7.8	11.8