Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002651.D
Acq On : 12 Sep 2018 12:57
Operator : JU/SJ
Sample : J4792-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YZ4MS

Quant Time: Sep 13 05:03:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:01:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	196184	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	885937	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	522148	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1165628	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1103604	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1009727	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	9875	2.38	ng/uL	0.00
5) Phenol-d5	6.85	99	235833	13.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	159096	14.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	201994	14.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	161853	11.25	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	102490	14.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	118425	15.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	196600	14.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	270889	18.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	689487	15.93	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	873106	16.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	94533	11.55	ng/ul	0.00
57) Fluorene-d10	15.29	176	629770	16.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	92885	12.52	ng/ul	0.00
70) Anthracene-d10	17.14	188	961387	17.26	ng/ul	0.00
78) Pyrene-d10	19.45	212	1039190	19.68	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	932939	17.67	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.87	94	257533	14.058	ng/ul	94
10) 2-Chlorophenol	7.23	128	203389	14.744	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.46	70	175819	14.493	ng/ul#	87
33) 4-Chloro-3-methylphenol	11.73	107	210538	13.866	ng/ul	99
44) Dimethylphthalate	13.75	163	404650	9.532	ng/ul	99
49) Acenaphthene	14.36	153	604697	16.956	ng/ul	98
52) 4-Nitrophenol	14.53	109	73555	11.861	ng/ul#	70
54) 2,4-Dinitrotoluene	14.67	165	208512	16.124	ng/ul	91
68) Pentachlorophenol	16.70	266	107590	14.483	ng/ul	98
79) Pyrene	19.47	202	1374798	20.660	ng/ul	99
82) Benzo(a)anthracene	21.23	228	99365	1.470	ng/ul#	73
84) Chrysene	21.28	228	127801	1.997	ng/ul#	78

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

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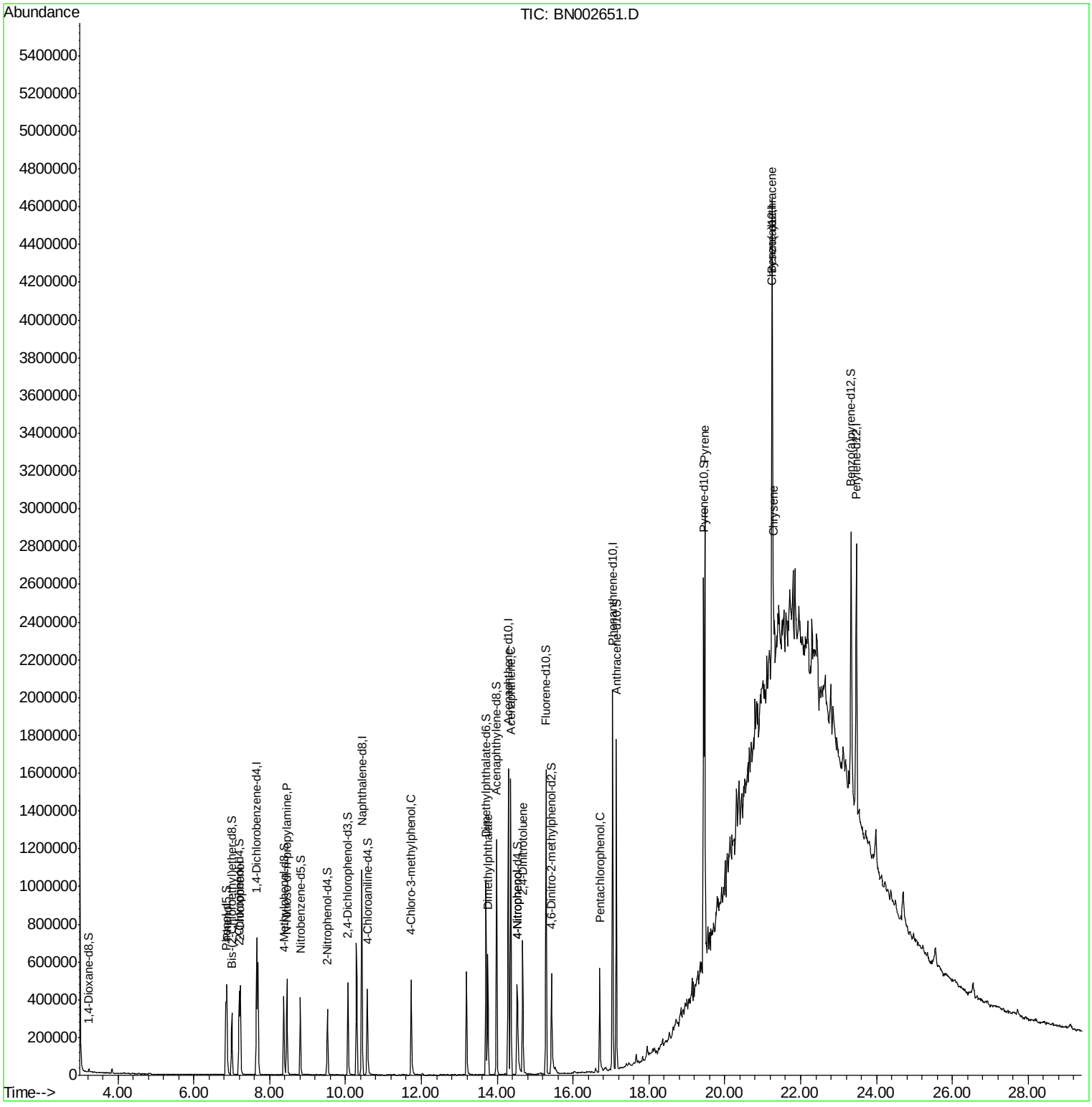
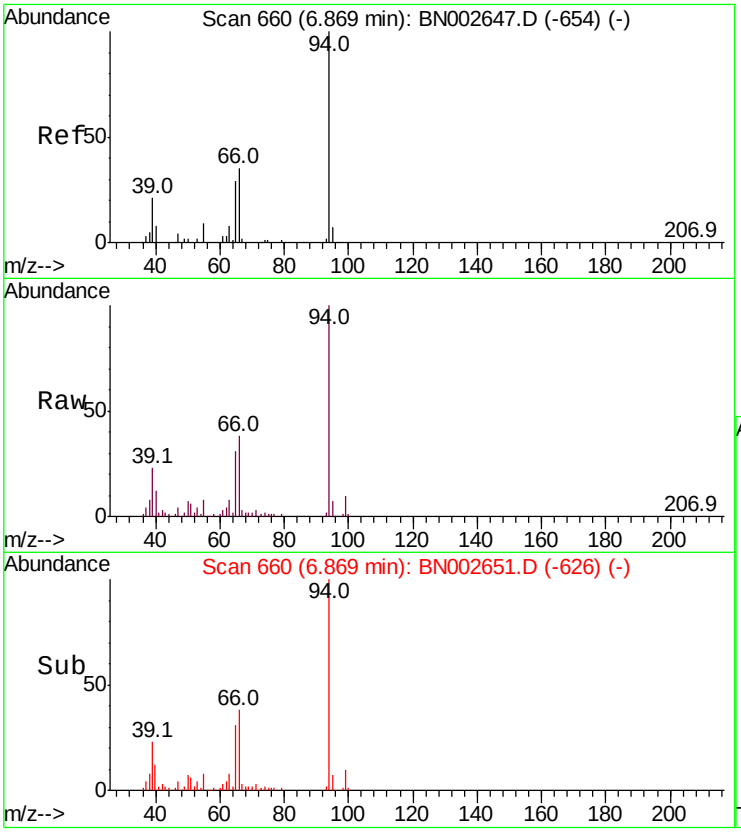
Operator : JU/SJ
Sample : J4792-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YZ4MS

Quant Time: Sep 13 05:03:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:01:35 2018
Response via : Initial Calibration



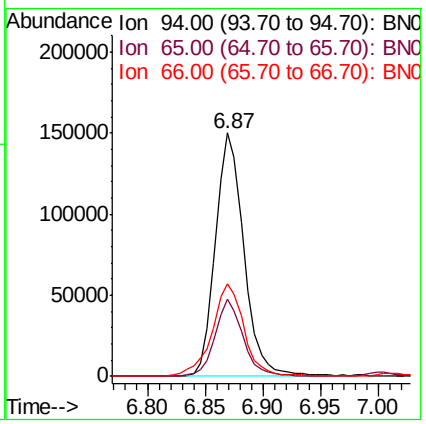


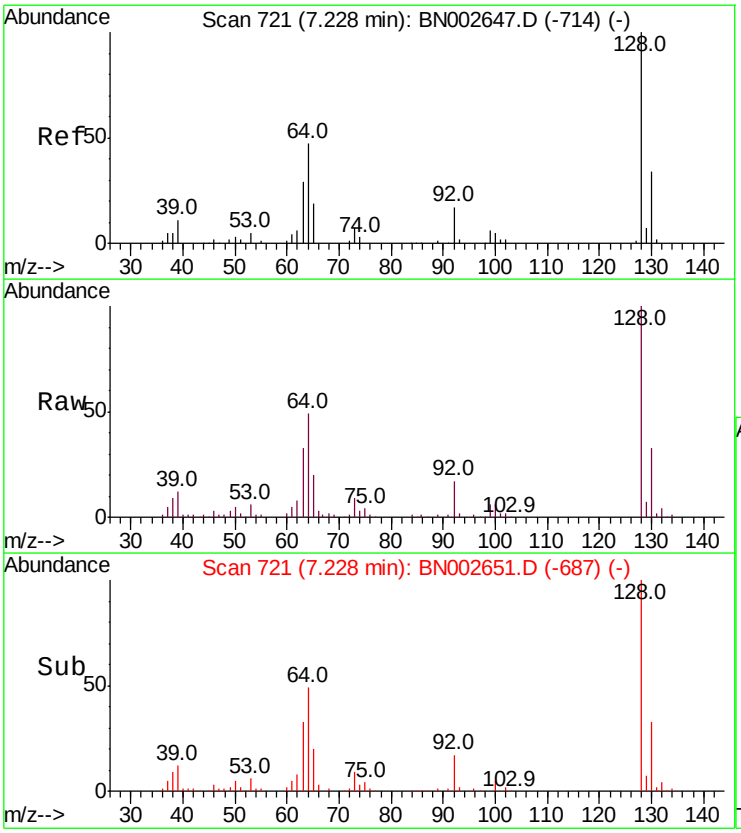
#6
Phenol
Concen: 14.058 ng/ul
RT: 6.87 min Scan# 660
Delta R.T. 0.00 min
Lab File: BN002651.D
Acq: 12 Sep 2018 12:57

Instrument :
BNA_N
ClientSampleId :
A3YZ4MS

Tgt Ion: 94 Resp: 257533

Ion	Ratio	Lower	Upper
94	100		
65	31.5	21.0	31.6
66	38.0	29.3	43.9

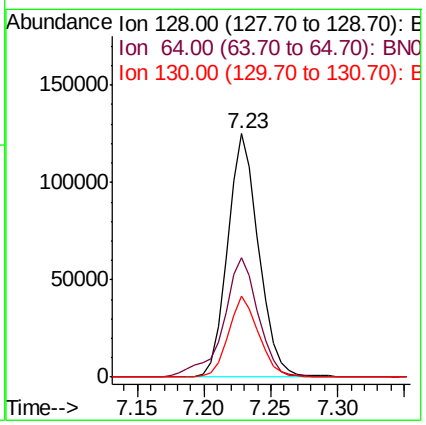


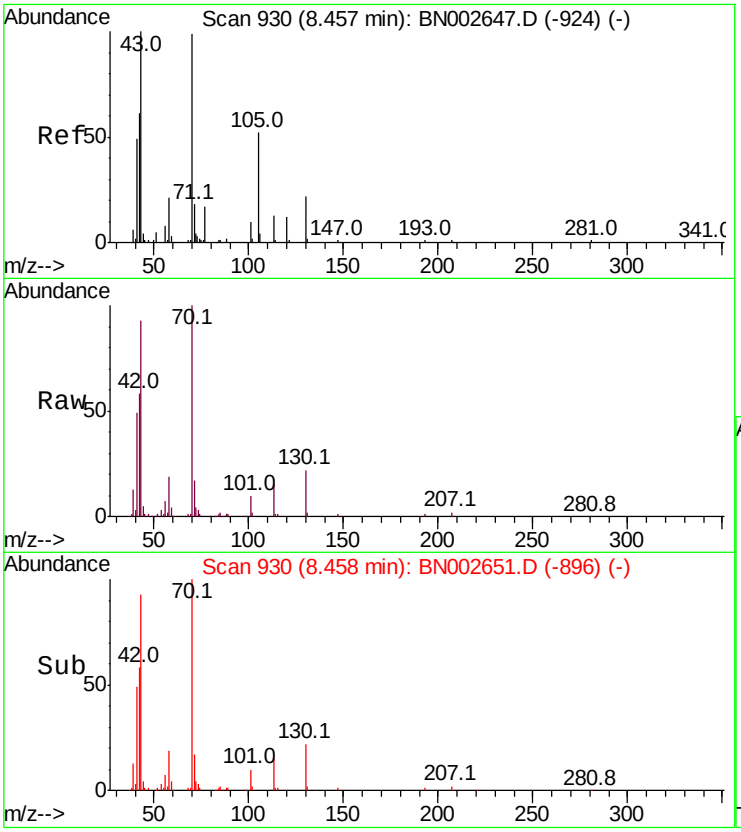


#10
2-Chlorophenol
Concen: 14.744 ng/ul
RT: 7.23 min Scan# 721
Delta R.T. 0.00 min
Lab File: BN002651.D
Acq: 12 Sep 2018 12:57

Tgt Ion:128 Resp: 203389

Ion	Ratio	Lower	Upper
128	100		
64	49.1	31.9	47.9#
130	33.2	25.6	38.4



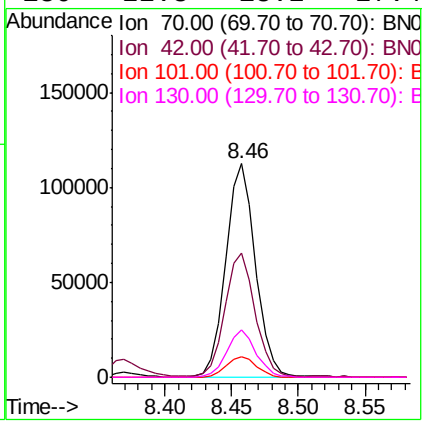


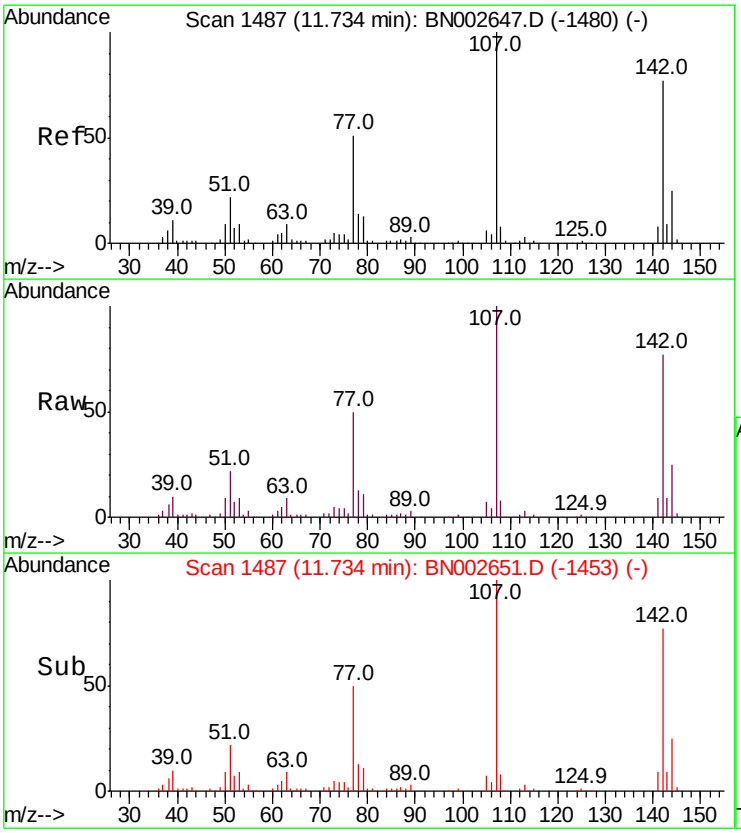
#15
N-Nitroso-di-n-propylamine
Concen: 14.493 ng/ul
RT: 8.46 min Scan# 930
Delta R.T. 0.00 min
Lab File: BN002651.D
Acq: 12 Sep 2018 12:57

Instrument :
BNA_N
ClientSampleId :
A3YZ4MS

Tgt Ion: 70 Resp: 175819

Ion	Ratio	Lower	Upper
70	100		
42	58.2	35.4	53.0#
101	9.7	8.4	12.6
130	22.3	18.2	27.4

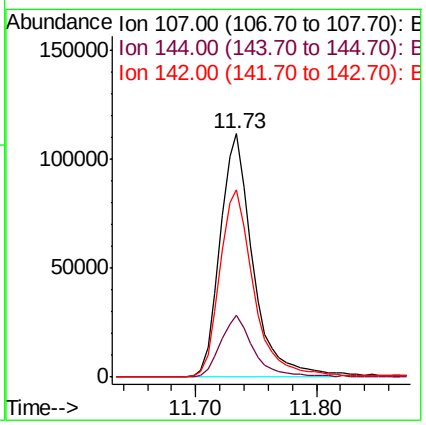


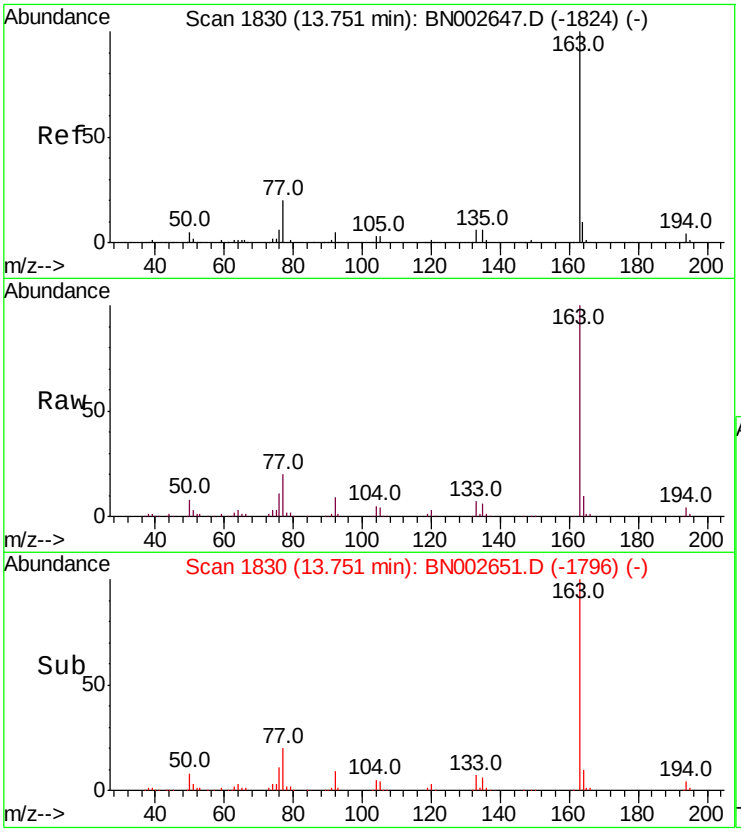


#33
4-Chloro-3-methylphenol
Concen: 13.866 ng/ul
RT: 11.73 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BN002651.D
Acq: 12 Sep 2018 12:57

Tgt Ion:107 Resp: 210538

Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.4	30.6
142	76.9	62.5	93.7



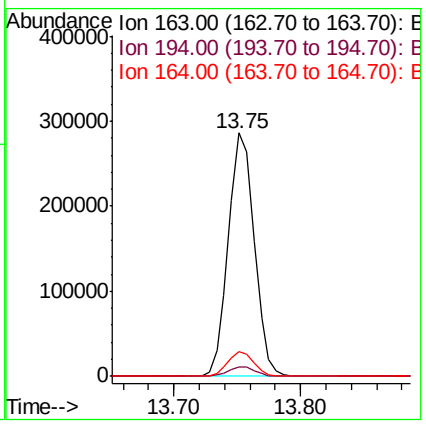


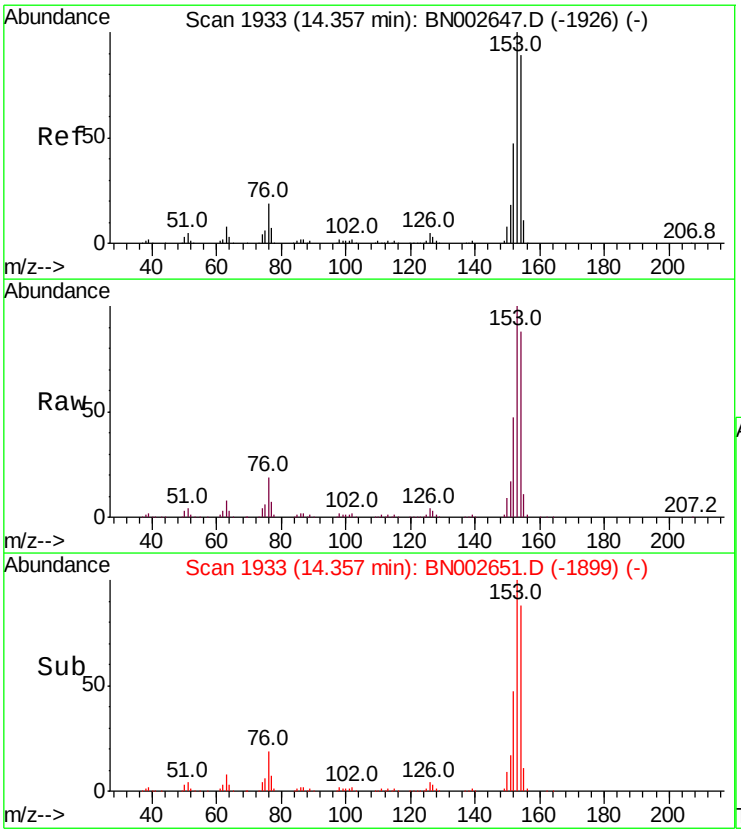
#44
Dimethylphthalate
Concen: 9.532 ng/ul
RT: 13.75 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BN002651.D
Acq: 12 Sep 2018 12:57

Instrument :
BNA_N
ClientSampleId :
A3YZ4MS

Tgt Ion:163 Resp: 404650

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	7.8	11.8

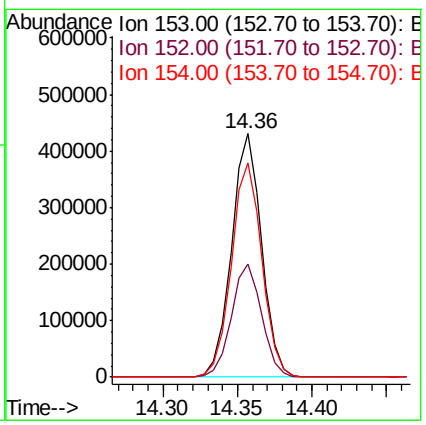


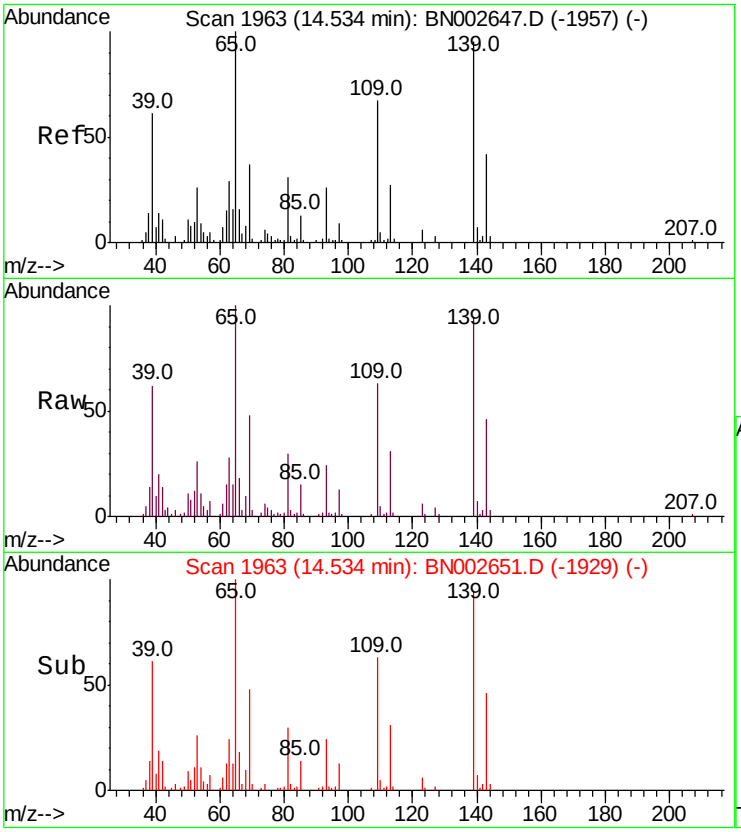


#49
Acenaphthene
Concen: 16.956 ng/ul
RT: 14.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BN002651.D
Acq: 12 Sep 2018 12:57

Tgt Ion:153 Resp: 604697

Ion	Ratio	Lower	Upper
153	100		
152	46.5	38.3	57.5
154	88.2	71.8	107.8



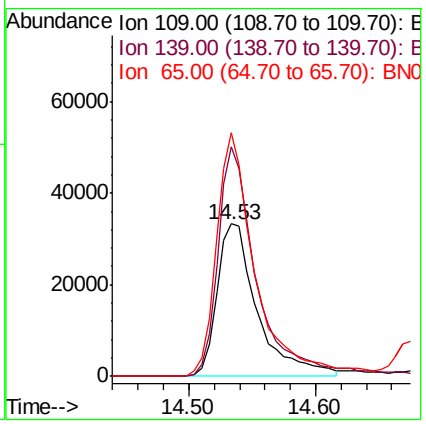


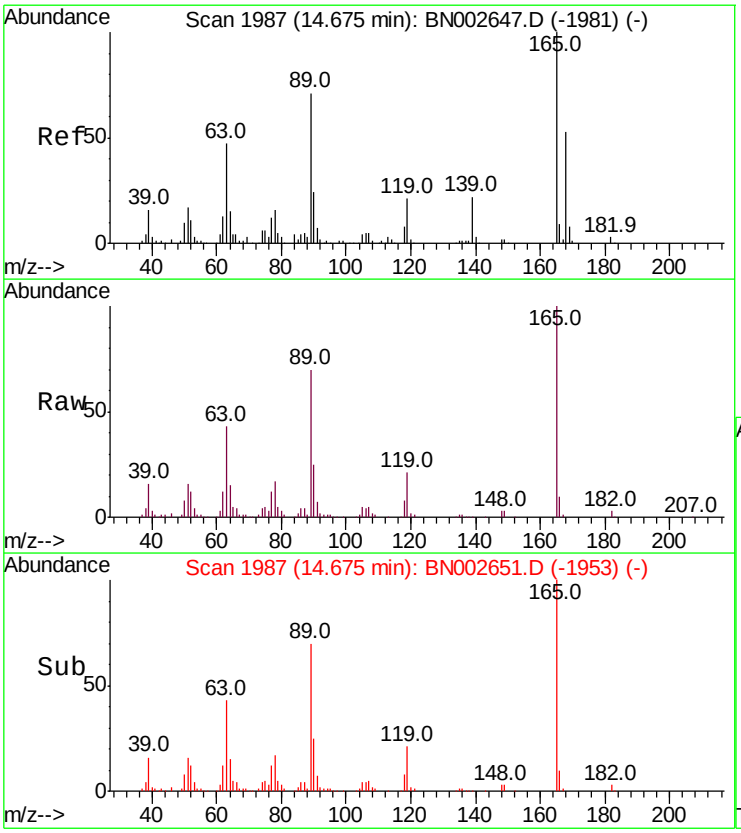
#52
4-Nitrophenol
Concen: 11.861 ng/ul
RT: 14.53 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BN002651.D
Acq: 12 Sep 2018 12:57

Instrument :
BNA_N
ClientSampleId :
A3YZ4MS

Tgt Ion:109 Resp: 73555

Ion	Ratio	Lower	Upper
109	100		
139	150.3	103.7	155.5
65	159.7	89.4	134.2#

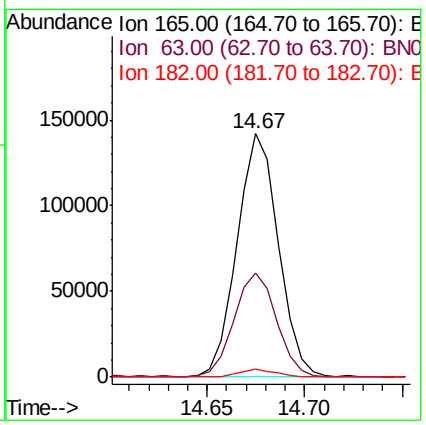


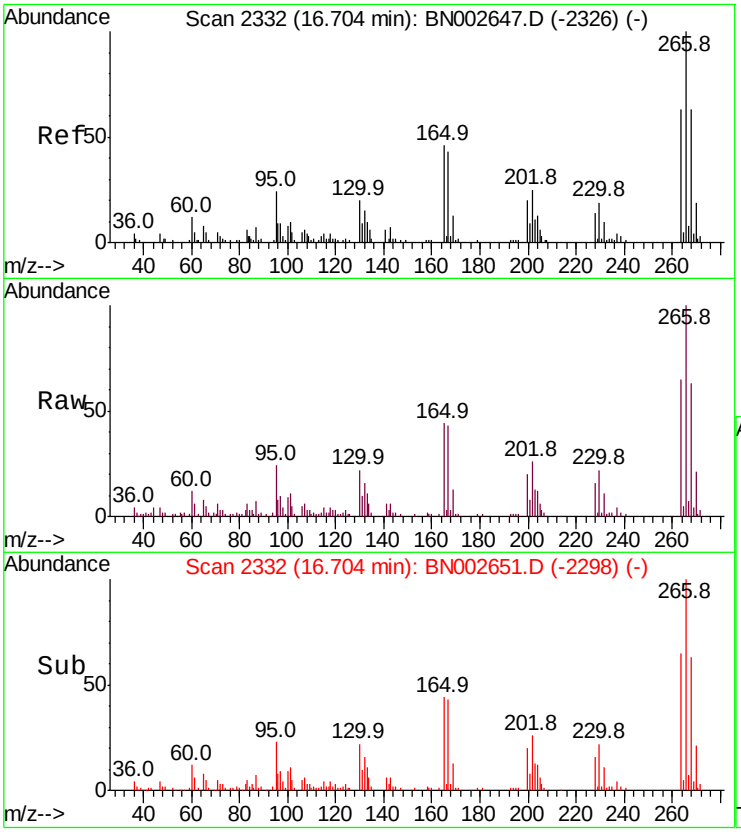


#54
2,4-Dinitrotoluene
Concen: 16.124 ng/ul
RT: 14.67 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BN002651.D
Acq: 12 Sep 2018 12:57

Tgt Ion:165 Resp: 208512

Ion	Ratio	Lower	Upper
165	100		
63	42.8	29.8	44.6
182	3.3	2.2	3.4



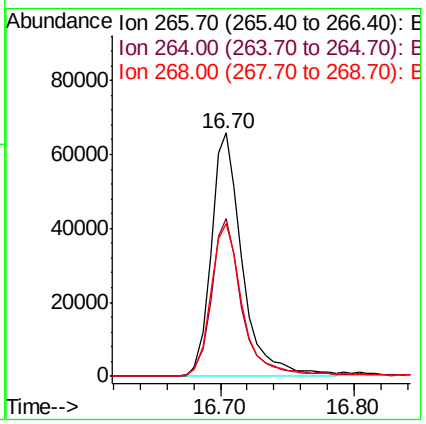


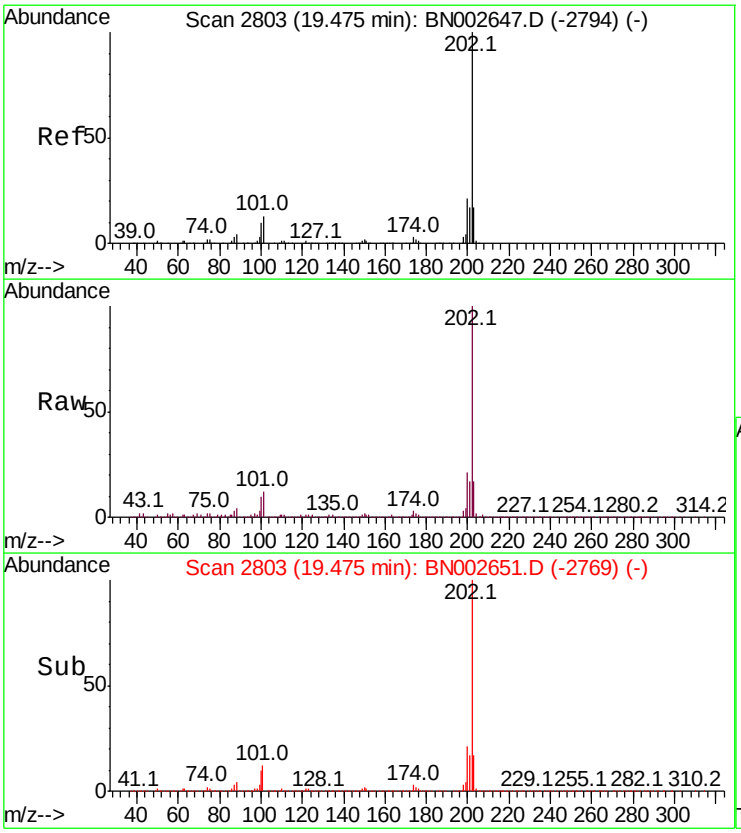
#68
Pentachlorophenol
Concen: 14.483 ng/ul
RT: 16.70 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BN002651.D
Acq: 12 Sep 2018 12:57

Instrument :
BNA_N
ClientSampleId :
A3YZ4MS

Tgt Ion:266 Resp: 107590

Ion	Ratio	Lower	Upper
266	100		
264	65.1	50.5	75.7
268	62.5	50.9	76.3

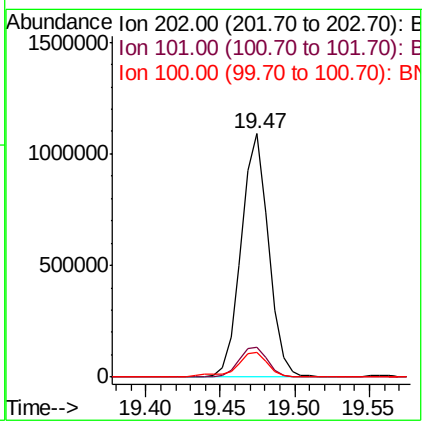


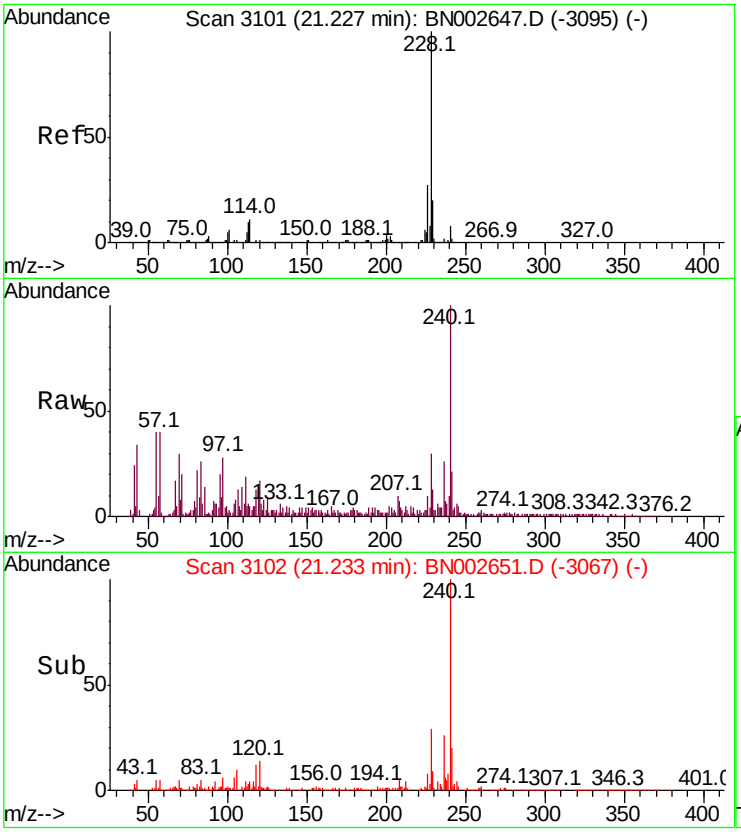


#79
Pyrene
Concen: 20.660 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. 0.00 min
Lab File: BN002651.D
Acq: 12 Sep 2018 12:57

Tgt Ion:202 Resp: 1374798

Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.2	15.2
100	10.3	8.5	12.7



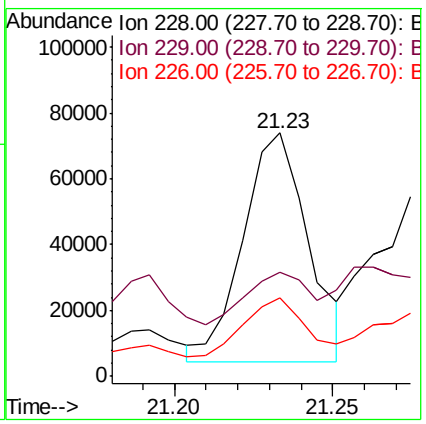


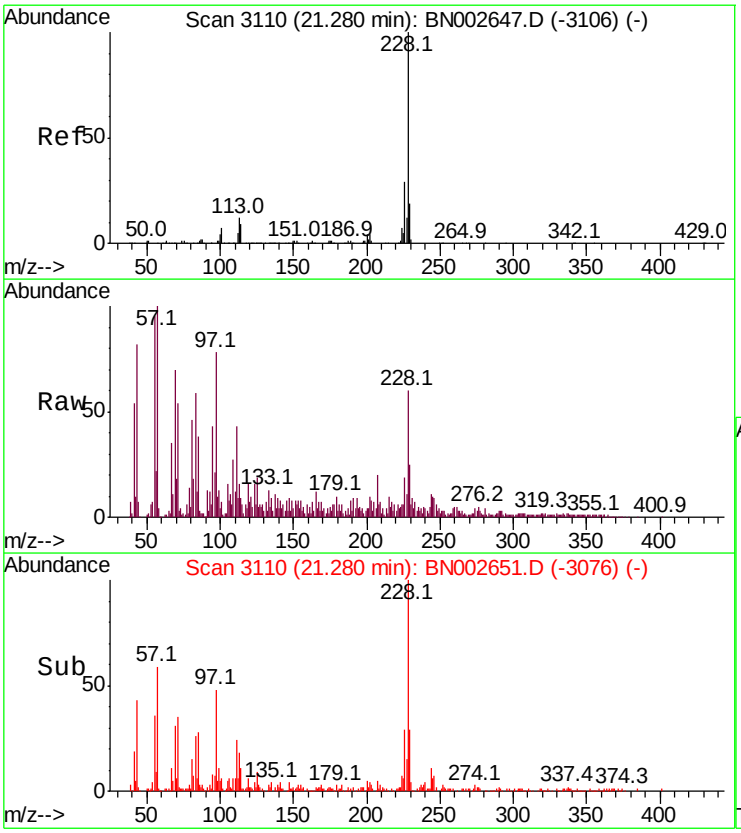
#82
Benzo(a)anthracene
Concen: 1.470 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BN002651.D
Acq: 12 Sep 2018 12:57

Instrument :
BNA_N
ClientSampleId :
A3YZ4MS

Tgt Ion:228 Resp: 99365

Ion	Ratio	Lower	Upper
228	100		
229	42.9	15.7	23.5#
226	32.2	21.8	32.6





#84
Chrysene
Concen: 1.997 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BN002651.D
Acq: 12 Sep 2018 12:57

Tgt Ion:228 Resp: 127801

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.0	36.0
229	41.4	15.6	23.4#