Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082918\
Data File : BN002545.D
Acq On : 29 Aug 2018 15:01
Operator : JU/SJ
Sample : J4596-07MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z29MS

Quant Time: Aug 29 17:44:56 2018
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 25 04:34:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	152774	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	709441	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	430418	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	991858	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	1077515	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	1074180	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	11669	3.61	ng/uL	0.00
5) Phenol-d5	6.85	99	256914	18.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	176632	20.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	209037	19.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	215000	19.20	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	101975	18.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	107107	18.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	214477	19.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	280873	23.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	792617	22.21	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	948497	21.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	115508	17.13	ng/ul	0.00
57) Fluorene-d10	15.29	176	704934	22.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	95103	15.06	ng/ul	0.00
70) Anthracene-d10	17.14	188	1116273	23.56	ng/ul	0.00
78) Pyrene-d10	19.44	212	1294643	25.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1398018	24.89	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.87	94	231078	16.198	ng/ul#	93
10) 2-Chlorophenol	7.23	128	177318	16.507	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.46	70	162669	17.219	ng/ul#	83
33) 4-Chloro-3-methylphenol	11.73	107	216839	17.834	ng/ul	99
44) Dimethylphthalate	13.76	163	213793	6.109	ng/ul	98
49) Acenaphthene	14.36	153	556630	18.935	ng/ul	99
52) 4-Nitrophenol	14.53	109	80662	15.779	ng/ul#	82
54) 2,4-Dinitrotoluene	14.67	165	182169	17.089	ng/ul#	80
68) Pentachlorophenol	16.70	266	106530	16.853	ng/ul	99
79) Pyrene	19.47	202	1410478	21.709	ng/ul	98

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

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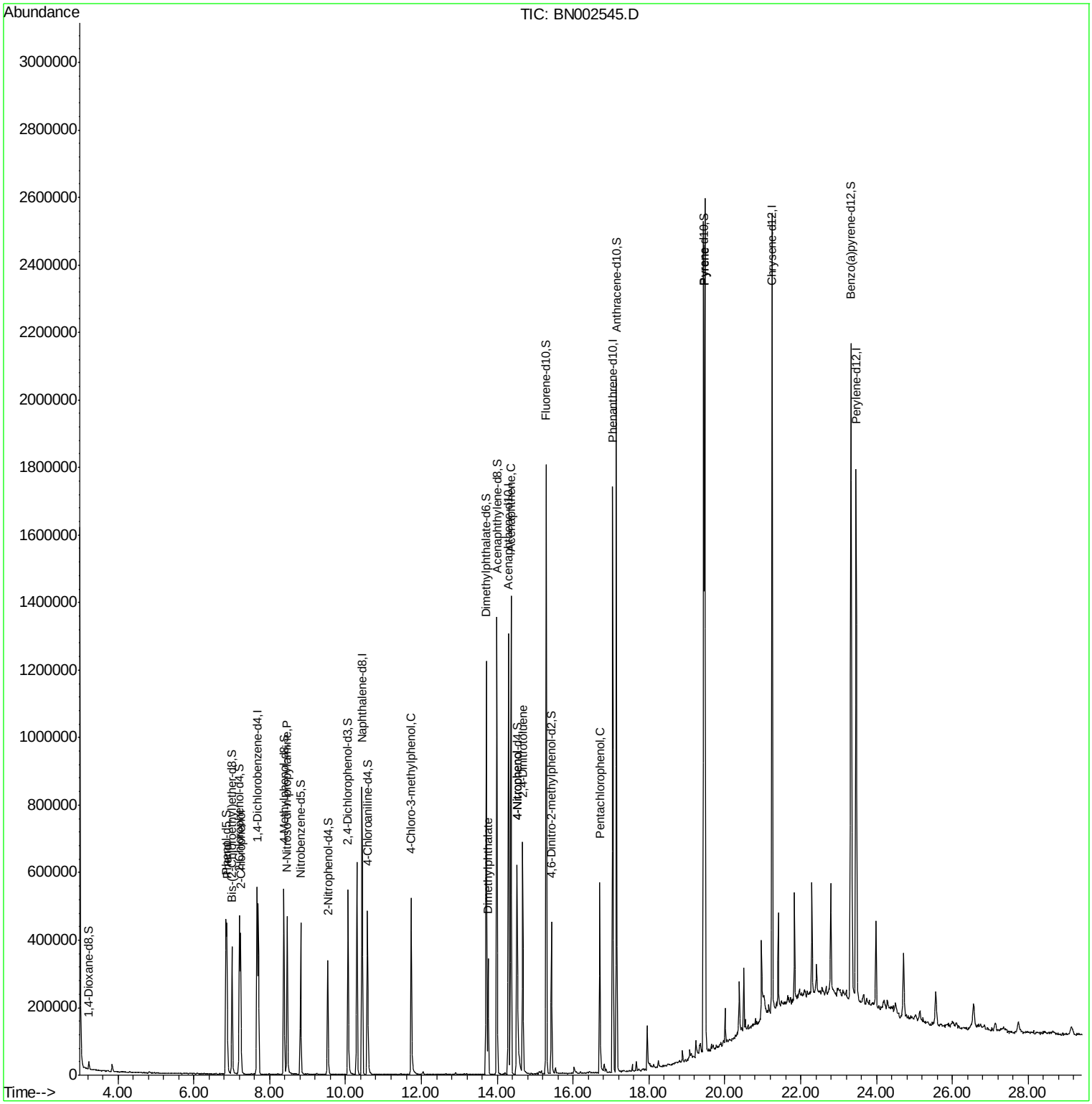
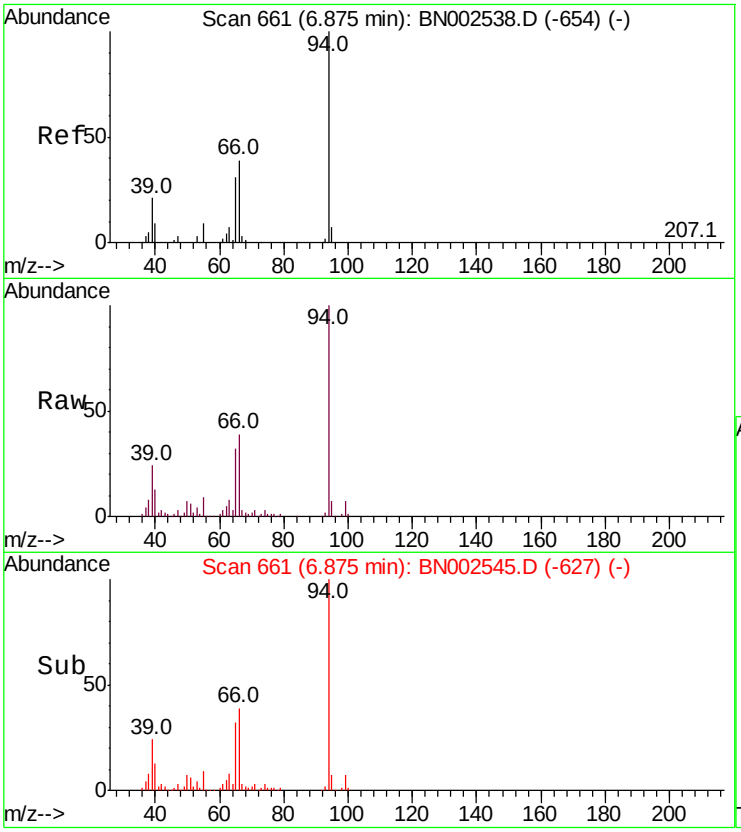
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z29MS

Quant Time: Aug 29 17:44:56 2018
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 25 04:34:18 2018
Response via : Initial Calibration



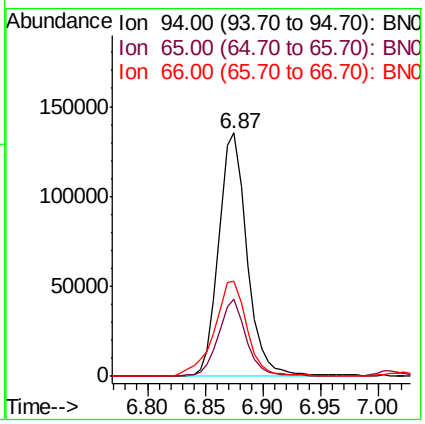


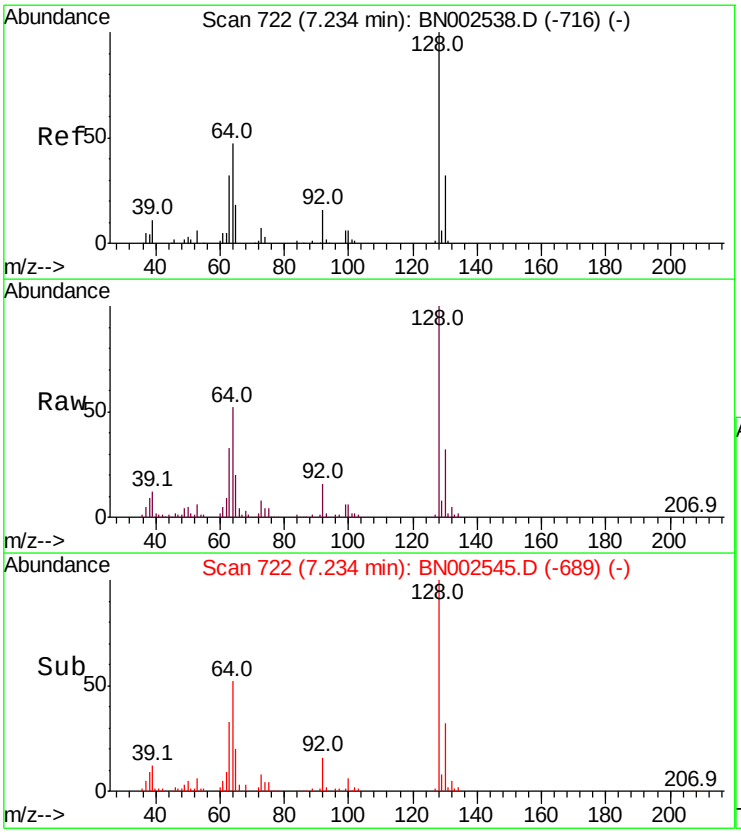
#6
Phenol
Concen: 16.198 ng/ul
RT: 6.87 min Scan# 661
Delta R.T. -0.00 min
Lab File: BN002545.D
Acq: 29 Aug 2018 15:01

Instrument :
BNA_N
ClientSampleId :
A3Z29MS

Tgt Ion: 94 Resp: 231078

Ion	Ratio	Lower	Upper
94	100		
65	31.6	21.0	31.6#
66	38.9	29.3	43.9

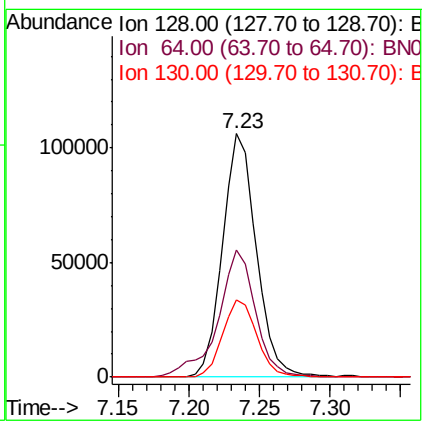


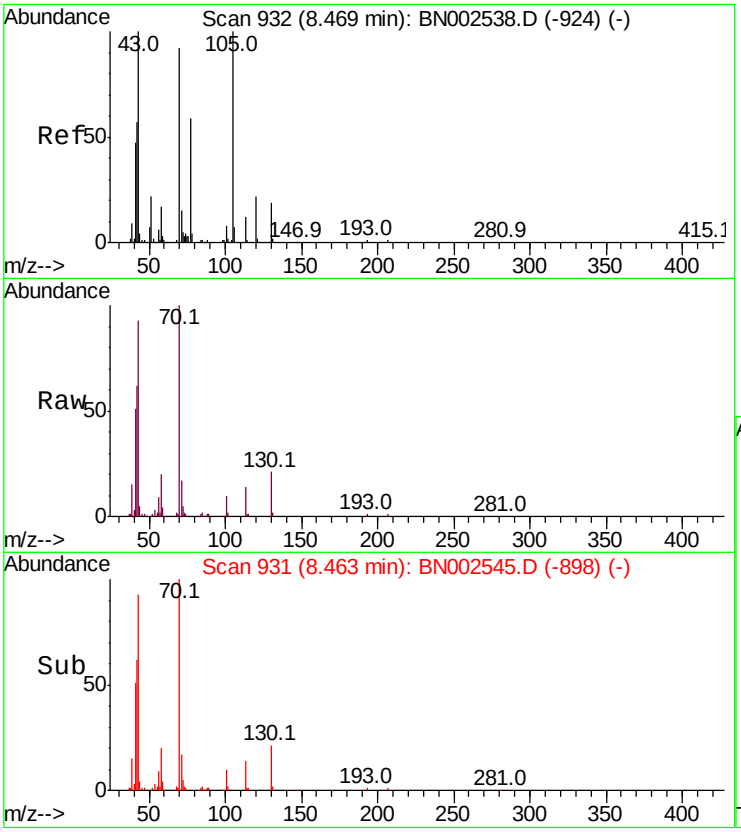


#10
2-Chlorophenol
Concen: 16.507 ng/ul
RT: 7.23 min Scan# 722
Delta R.T. -0.01 min
Lab File: BN002545.D
Acq: 29 Aug 2018 15:01

Tgt Ion:128 Resp: 177318

Ion	Ratio	Lower	Upper
128	100		
64	52.1	31.9	47.9#
130	31.8	25.6	38.4



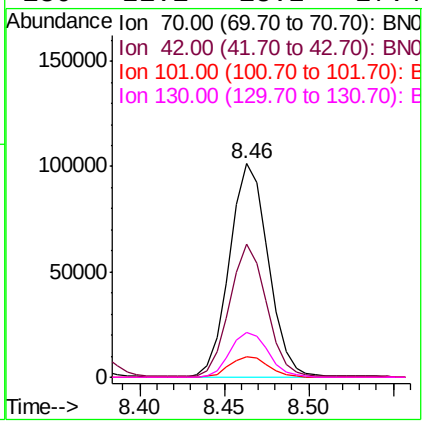


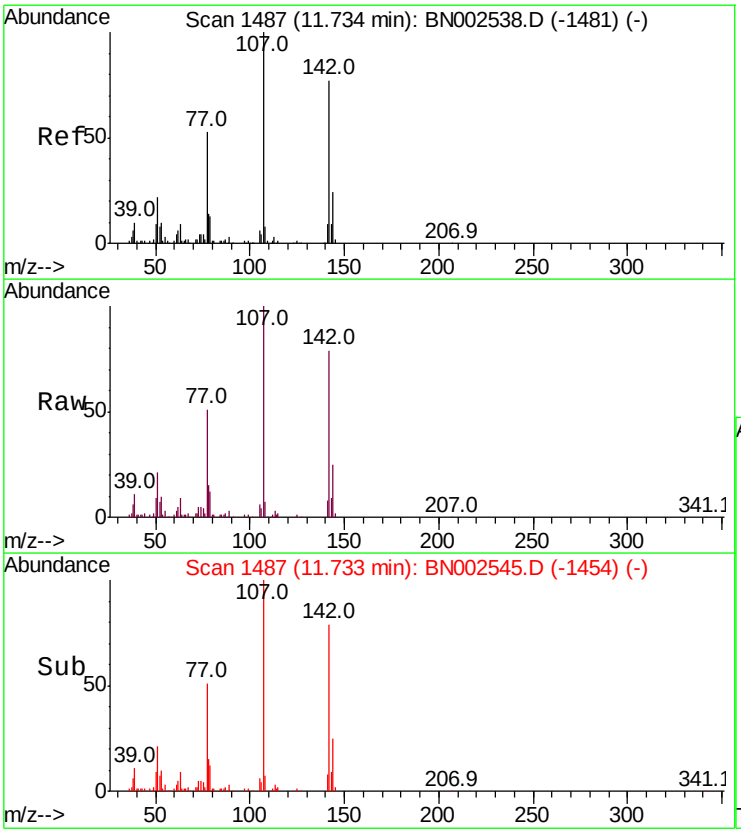
#15
N-Nitroso-di-n-propylamine
Concen: 17.219 ng/ul
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BN002545.D
Acq: 29 Aug 2018 15:01

Instrument :
BNA_N
ClientSampleId :
A3Z29MS

Tgt Ion: 70 Resp: 162669

Ion	Ratio	Lower	Upper
70	100		
42	62.1	35.4	53.0#
101	9.6	8.4	12.6
130	21.1	18.2	27.4

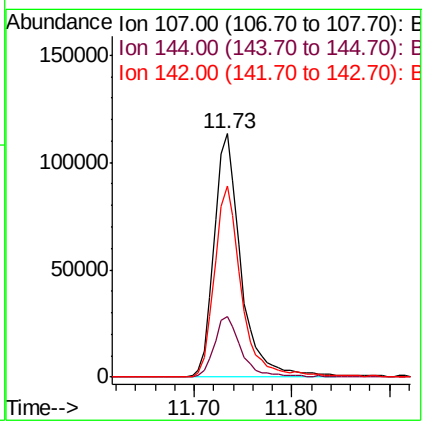


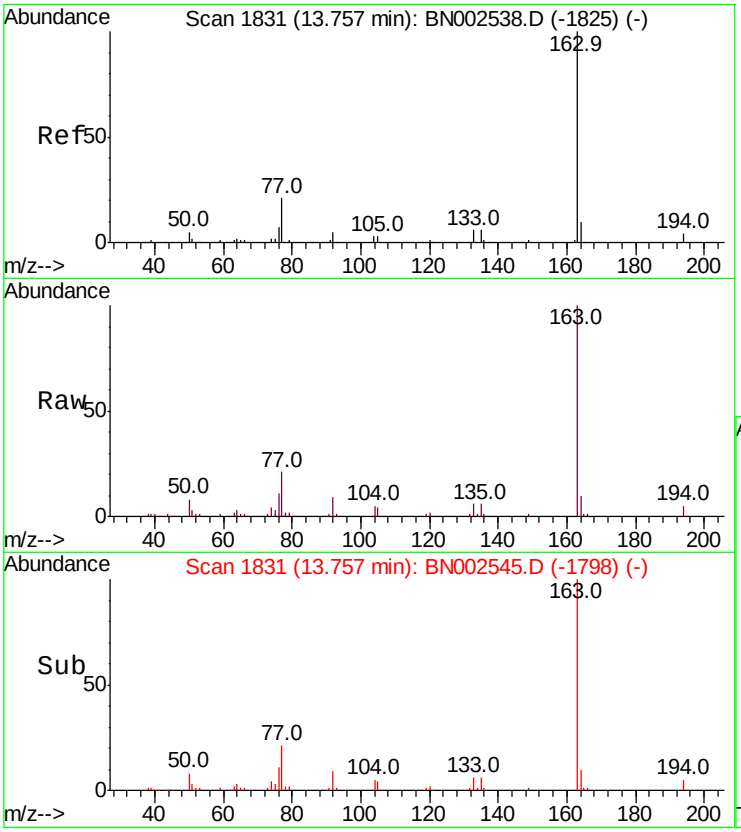


#33
4-Chloro-3-methylphenol
Concen: 17.834 ng/ul
RT: 11.73 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BN002545.D
Acq: 29 Aug 2018 15:01

Tgt Ion:107 Resp: 216839

Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.4	30.6
142	78.7	62.5	93.7



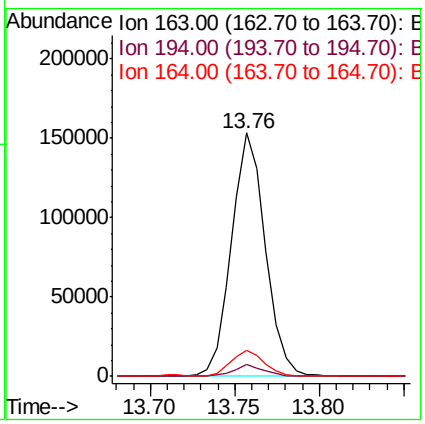


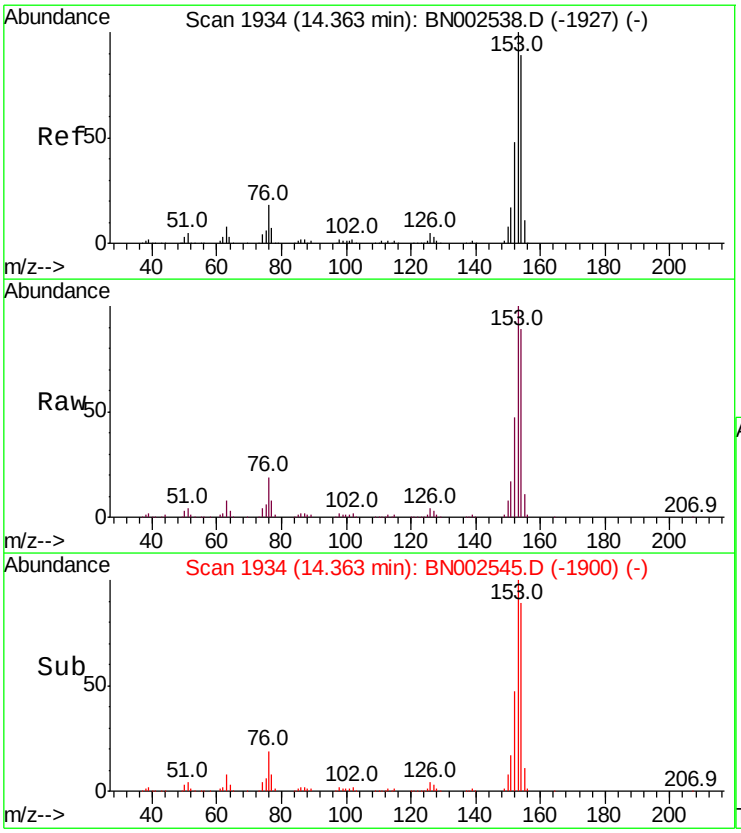
#44
Dimethylphthalate
Concen: 6.109 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BN002545.D
Acq: 29 Aug 2018 15:01

Instrument :
BNA_N
ClientSampleId :
A3Z29MS

Tgt Ion:163 Resp: 213793

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.2	4.8
164	10.5	7.8	11.8

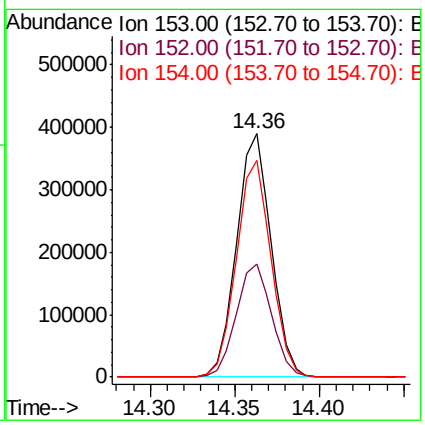


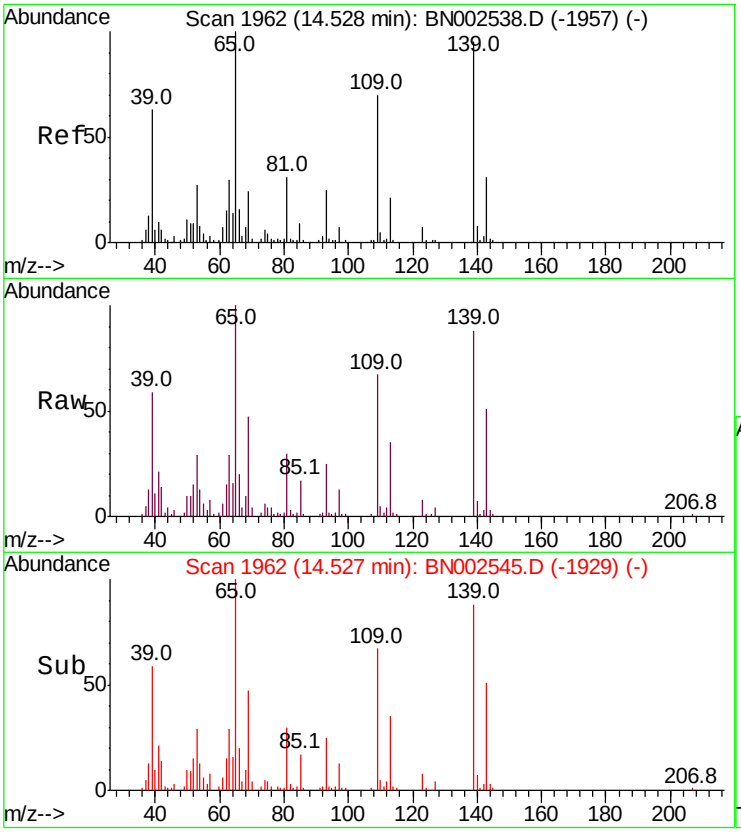


#49
Acenaphthene
Concen: 18.935 ng/ul
RT: 14.36 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BN002545.D
Acq: 29 Aug 2018 15:01

Tgt Ion:153 Resp: 556630

Ion	Ratio	Lower	Upper
153	100		
152	46.6	38.3	57.5
154	88.9	71.8	107.8



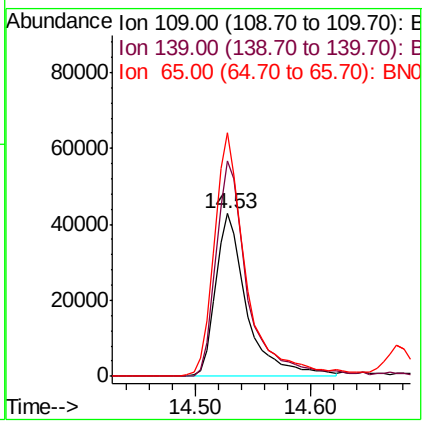


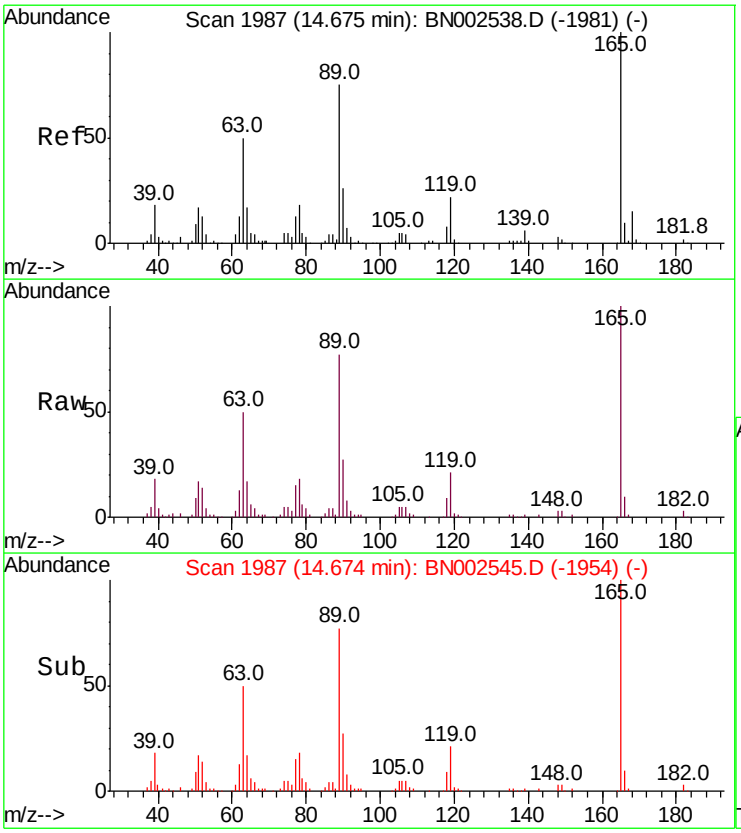
#52
4-Nitrophenol
Concen: 15.779 ng/ul
RT: 14.53 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BN002545.D
Acq: 29 Aug 2018 15:01

Instrument :
BNA_N
ClientSampleId :
A3Z29MS

Tgt Ion:109 Resp: 80662

Ion	Ratio	Lower	Upper
109	100		
139	132.1	103.7	155.5
65	149.4	89.4	134.2#

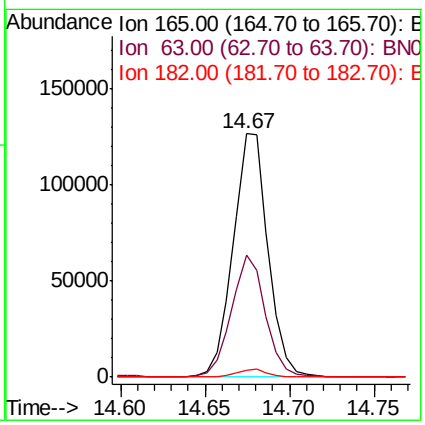


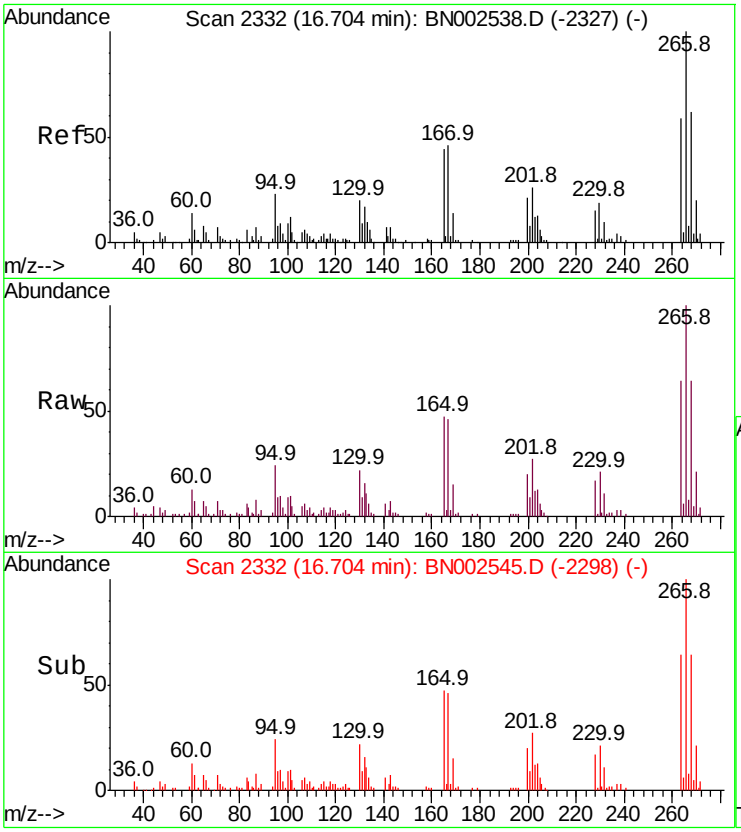


#54
2,4-Dinitrotoluene
Concen: 17.089 ng/ul
RT: 14.67 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BN002545.D
Acq: 29 Aug 2018 15:01

Tgt Ion:165 Resp: 182169

Ion	Ratio	Lower	Upper
165	100		
63	50.3	29.8	44.6#
182	2.7	2.2	3.4



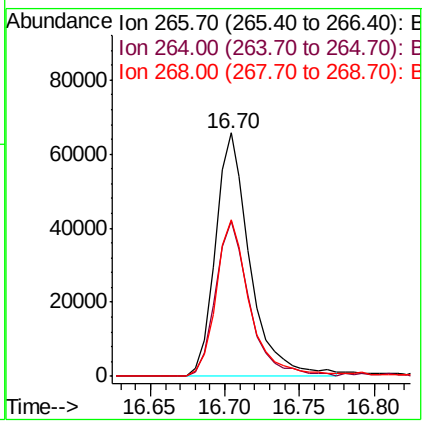


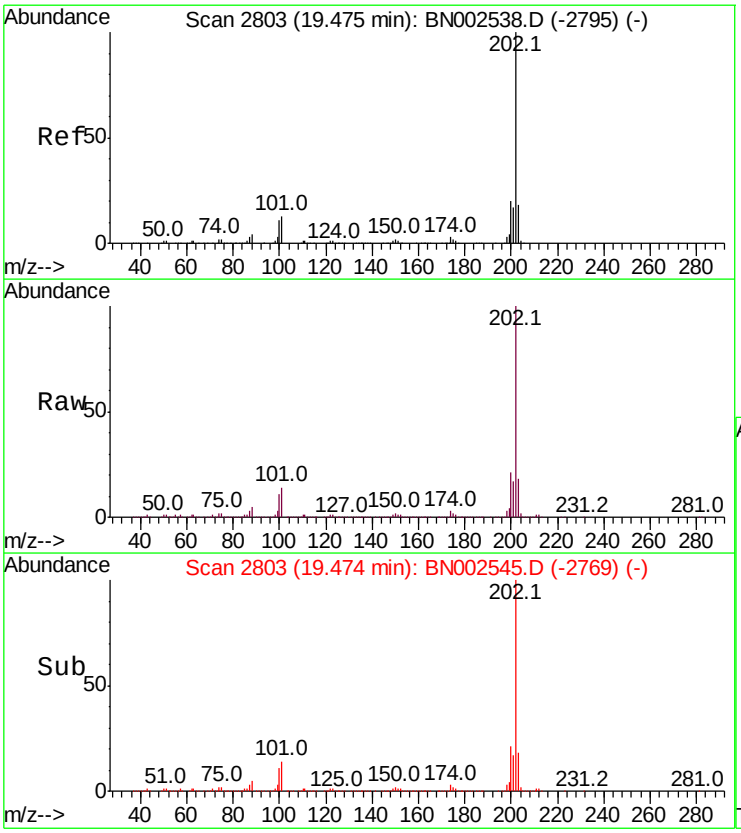
#68
Pentachlorophenol
Concen: 16.853 ng/ul
RT: 16.70 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BN002545.D
Acq: 29 Aug 2018 15:01

Instrument :
BNA_N
ClientSampleId :
A3Z29MS

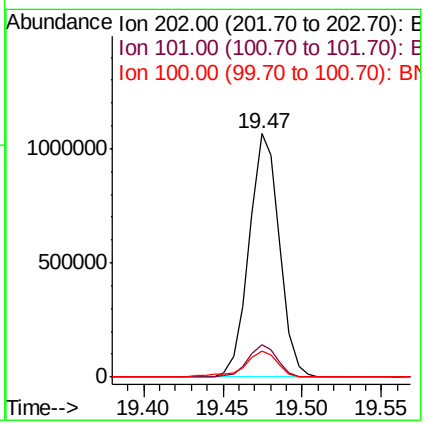
Tgt Ion:266 Resp: 106530

Ion	Ratio	Lower	Upper
266	100		
264	63.7	50.5	75.7
268	64.2	50.9	76.3





#79
Pyrene
Concen: 21.709 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BN002545.D
Acq: 29 Aug 2018 15:01

Tgt Ion:202 Resp: 1410478

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.2	15.2
100	10.9	8.5	12.7