Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
Data File : BN002695.D
Acq On : 14 Sep 2018 18:50
Operator : JU/SJ
Sample : J4865-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3N2MS

Quant Time: Sep 15 01:17:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 15 01:16:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	143003	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	576085	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	298685	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	608765	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	615459	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	643343	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	12455	4.02	ng/uL	0.00
5) Phenol-d5	6.84	99	268947	22.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	171826	22.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	228204	22.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	206297	21.93	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	105035	23.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	117324	23.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	203095	22.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	267713	25.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	570070	24.38	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	727465	23.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	81898	21.19	ng/ul	0.00
57) Fluorene-d10	15.28	176	493391	24.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	74331	19.52	ng/ul	0.00
70) Anthracene-d10	17.13	188	685972	23.60	ng/ul	0.00
78) Pyrene-d10	19.44	212	775043	23.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	847726	25.03	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	250504	20.457	ng/ul	99
10) 2-Chlorophenol	7.22	128	179113	18.057	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	135427	18.597	ng/ul	94
33) 4-Chloro-3-methylphenol	11.73	107	163426	18.115	ng/ul	98
44) Dimethylphthalate	13.75	163	140585	6.161	ng/ul	98
49) Acenaphthene	14.35	153	391749	19.282	ng/ul	99
52) 4-Nitrophenol	14.53	109	47472	17.648	ng/ul	91
54) 2,4-Dinitrotoluene	14.67	165	124278	19.109	ng/ul	88
68) Pentachlorophenol	16.70	266	57928	17.059	ng/ul	97
79) Pyrene	19.47	202	796110	19.564	ng/ul	99

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

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Misc :
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Instrument :
BNA_N
ClientSampleId :
DB3N2MS

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 15 01:16:50 2018
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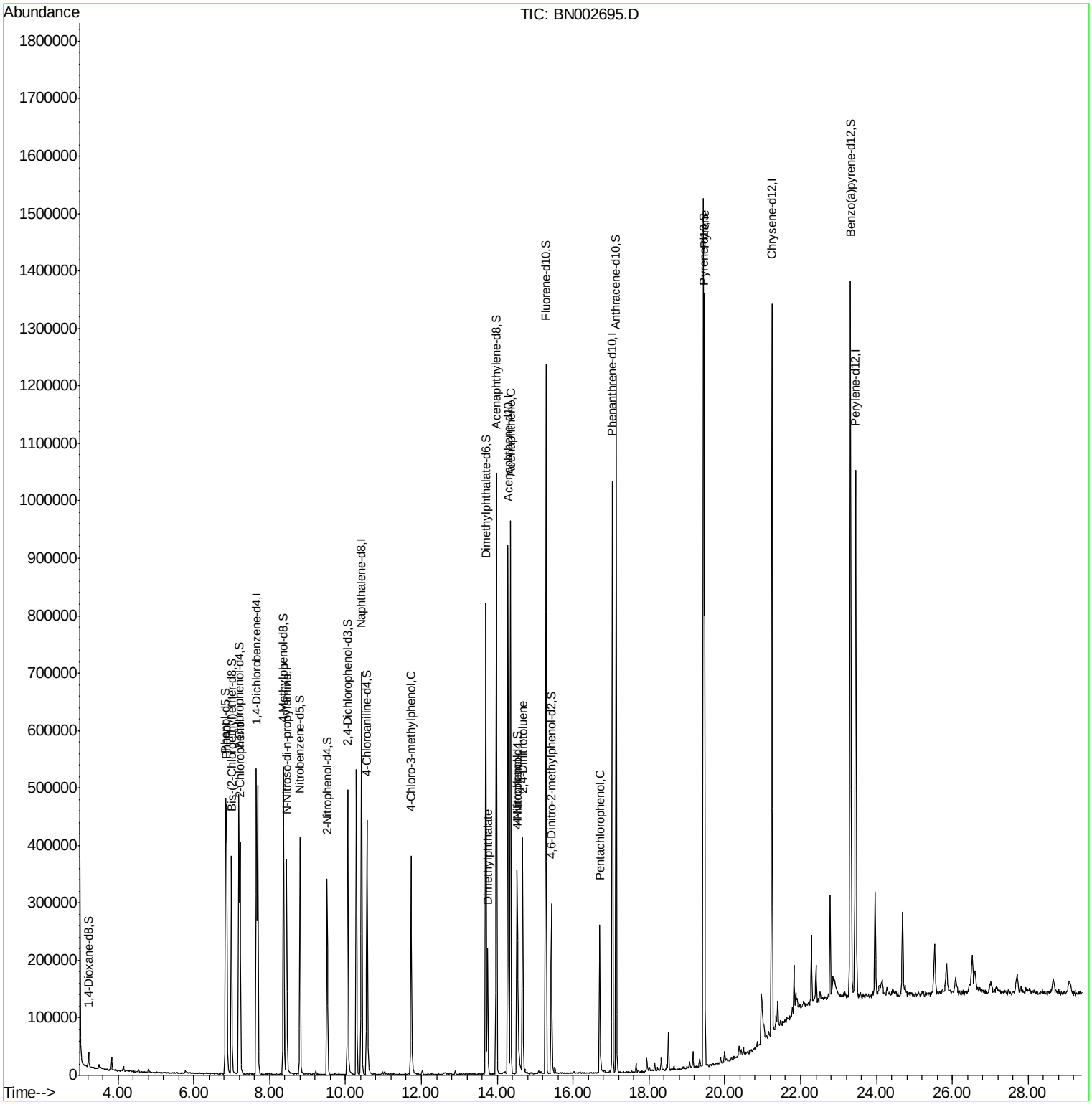
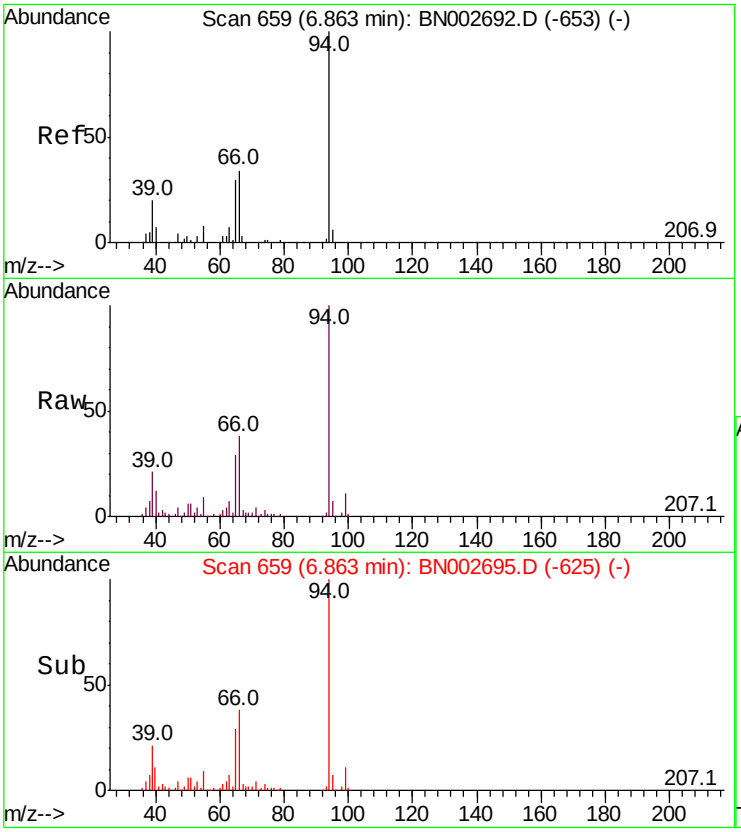


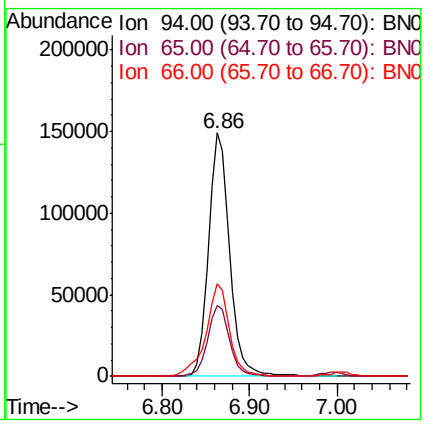


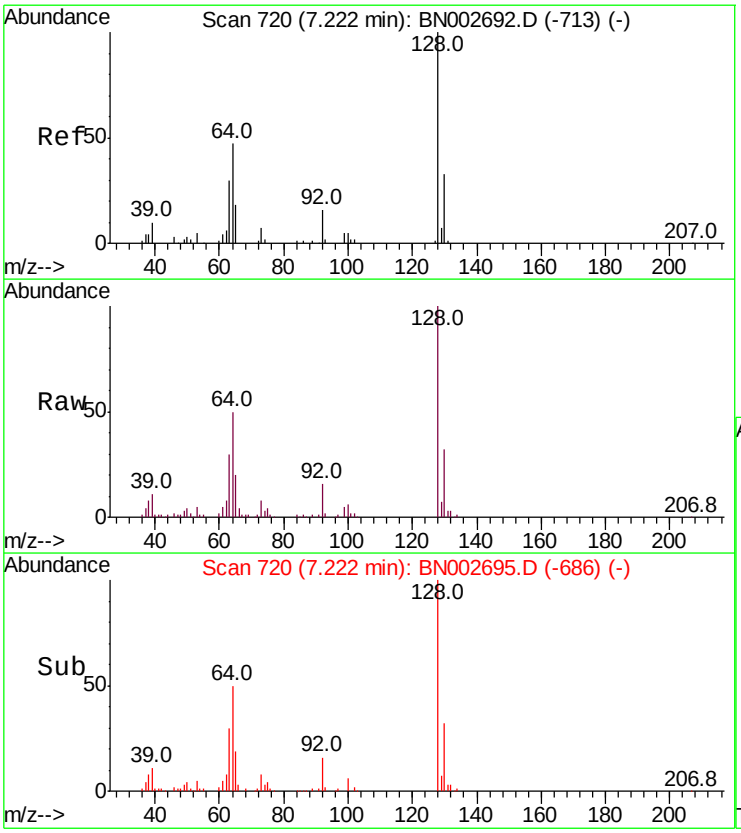
#6
Phenol
Concen: 20.457 ng/ul
RT: 6.86 min Scan# 659
Delta R.T. 0.00 min
Lab File: BN002695.D
Acq: 14 Sep 2018 18:50

Instrument :
BNA_N
ClientSampleId :
DB3N2MS

Tgt Ion: 94 Resp: 250504

Ion	Ratio	Lower	Upper
94	100		
65	29.0	23.1	34.7
66	37.9	29.8	44.6

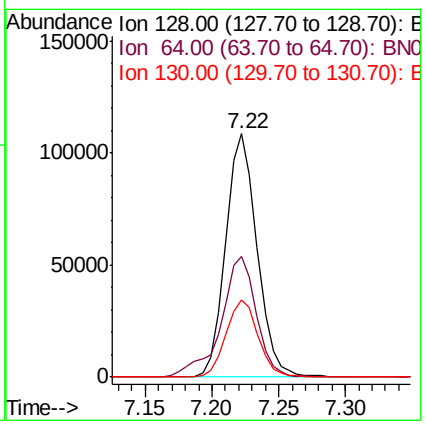


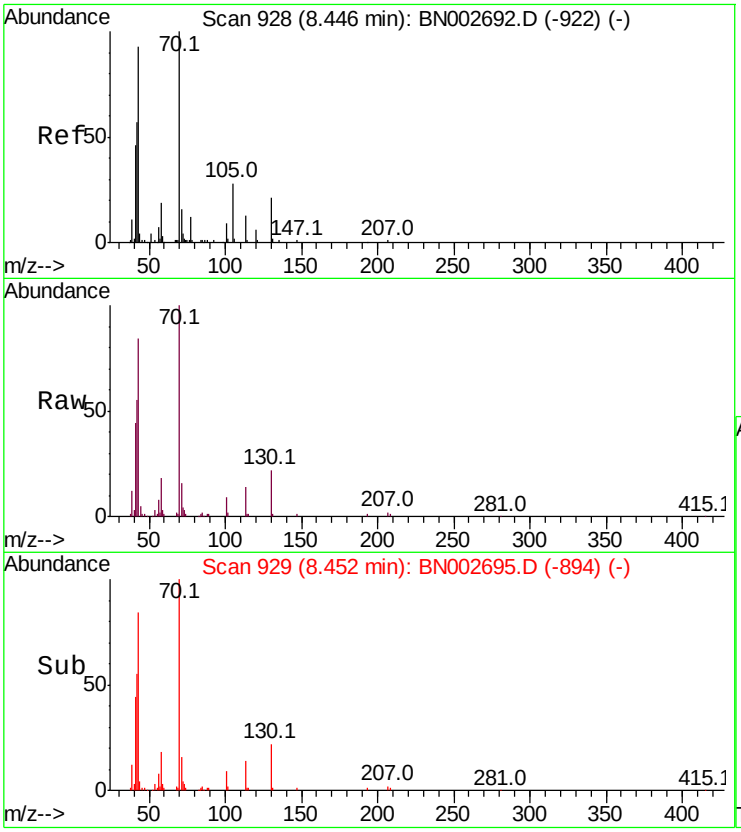


#10
2-Chlorophenol
Concen: 18.057 ng/ul
RT: 7.22 min Scan# 720
Delta R.T. 0.00 min
Lab File: BN002695.D
Acq: 14 Sep 2018 18:50

Tgt Ion:128 Resp: 179113

Ion	Ratio	Lower	Upper
128	100		
64	49.7	40.4	60.6
130	31.6	26.8	40.2



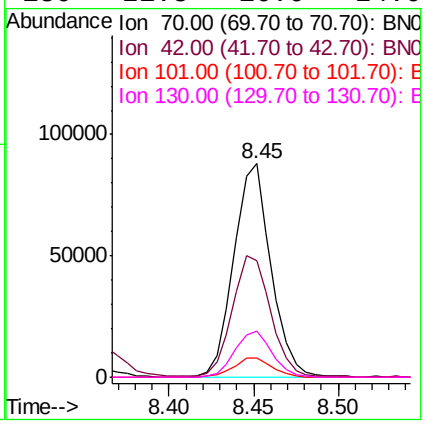


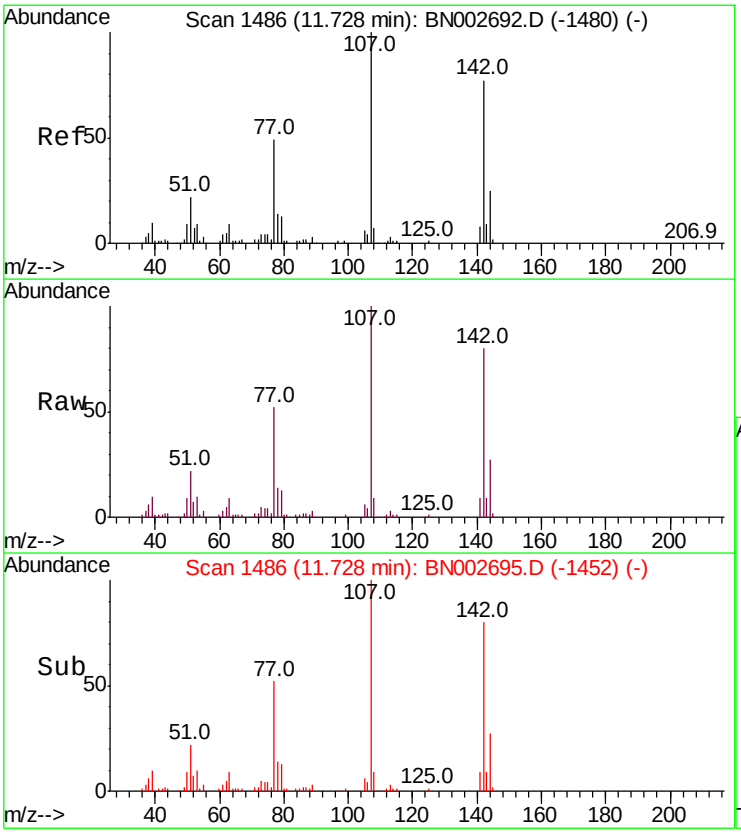
#15
N-Nitroso-di-n-propylamine
Concen: 18.597 ng/ul
RT: 8.45 min Scan# 929
Delta R.T. 0.01 min
Lab File: BN002695.D
Acq: 14 Sep 2018 18:50

Instrument :
BNA_N
ClientSampleId :
DB3N2MS

Tgt Ion: 70 Resp: 135427

Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.7	71.5
101	9.2	8.0	12.0
130	21.8	16.0	24.0

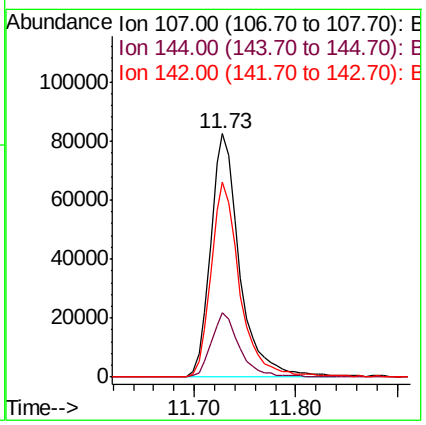


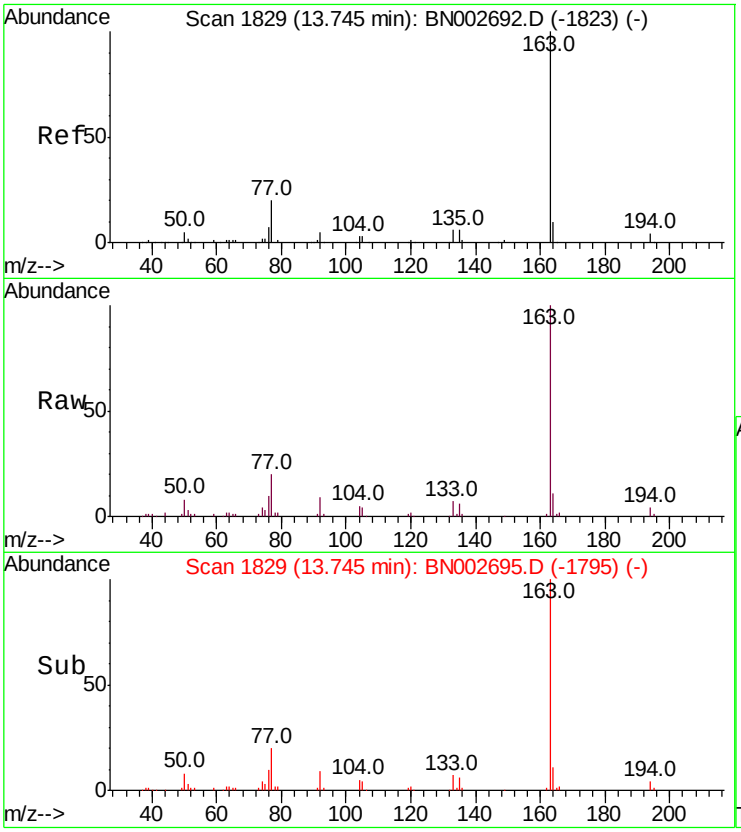


#33
4-Chloro-3-methylphenol
Concen: 18.115 ng/ul
RT: 11.73 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BN002695.D
Acq: 14 Sep 2018 18:50

Tgt Ion:107 Resp: 163426

Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.2	30.4
142	80.1	62.9	94.3



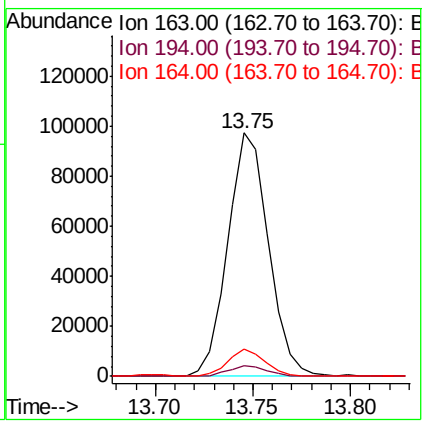


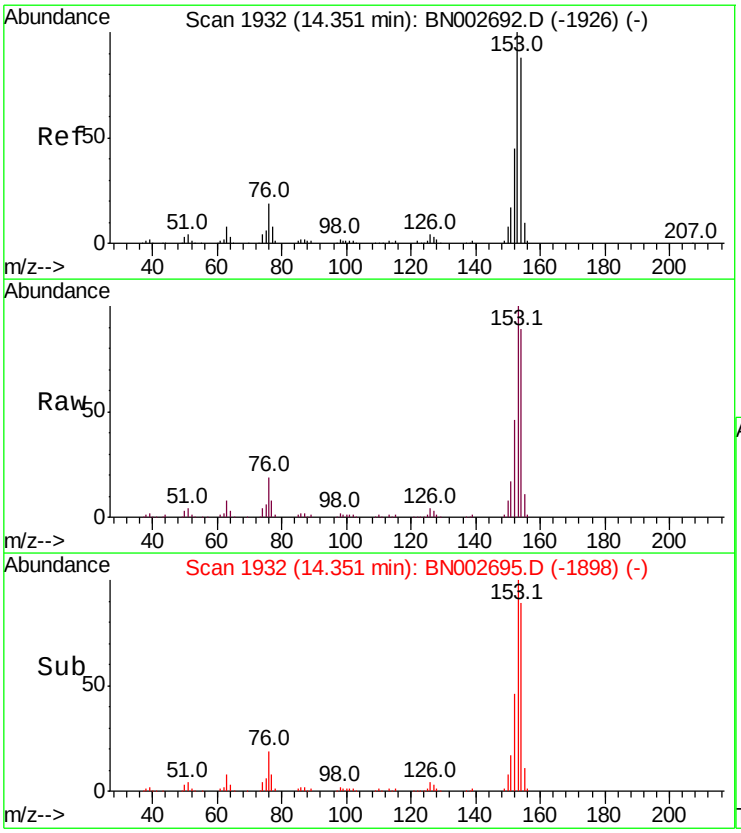
#44
Dimethylphthalate
Concen: 6.161 ng/ul
RT: 13.75 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BN002695.D
Acq: 14 Sep 2018 18:50

Instrument :
BNA_N
ClientSampleId :
DB3N2MS

Tgt Ion:163 Resp: 140585

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	11.1	8.1	12.1

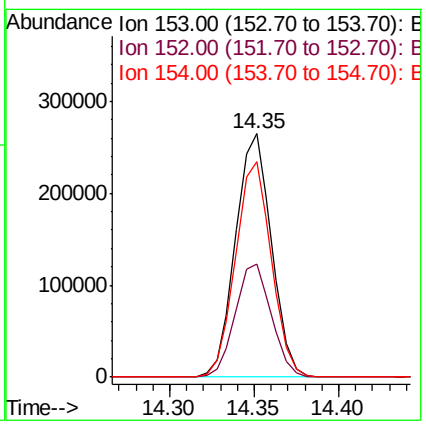


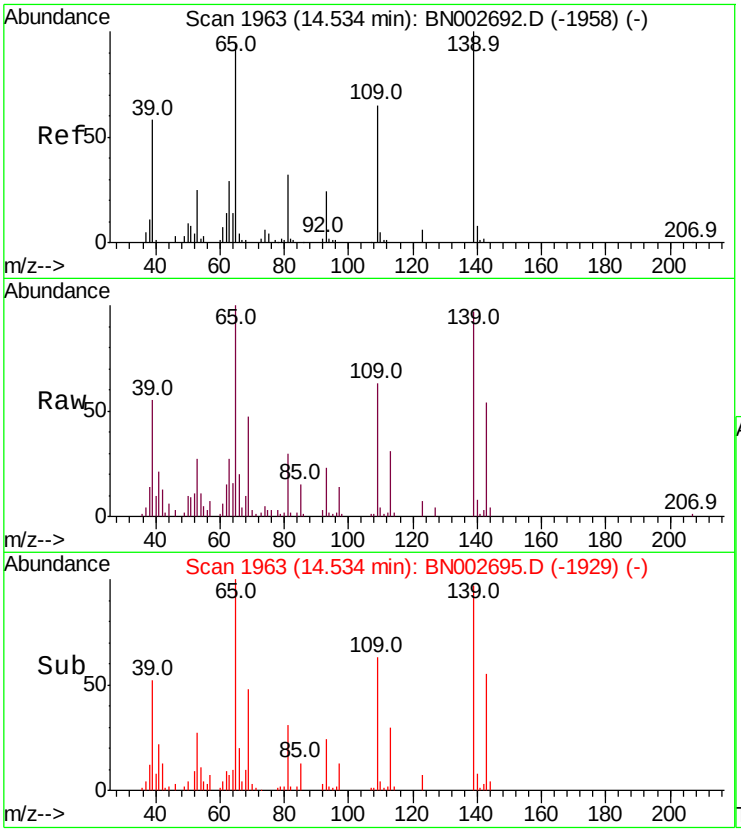


#49
Acenaphthene
Concen: 19.282 ng/ul
RT: 14.35 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BN002695.D
Acq: 14 Sep 2018 18:50

Tgt Ion:153 Resp: 391749

Ion	Ratio	Lower	Upper
153	100		
152	46.3	37.8	56.6
154	88.7	70.9	106.3



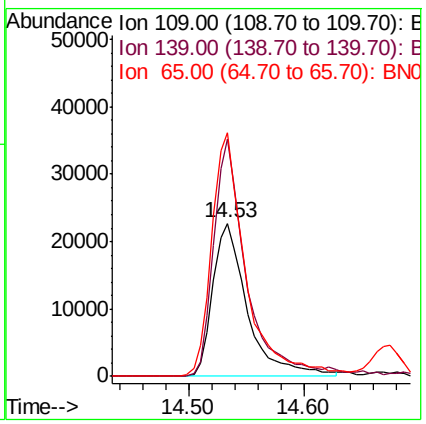


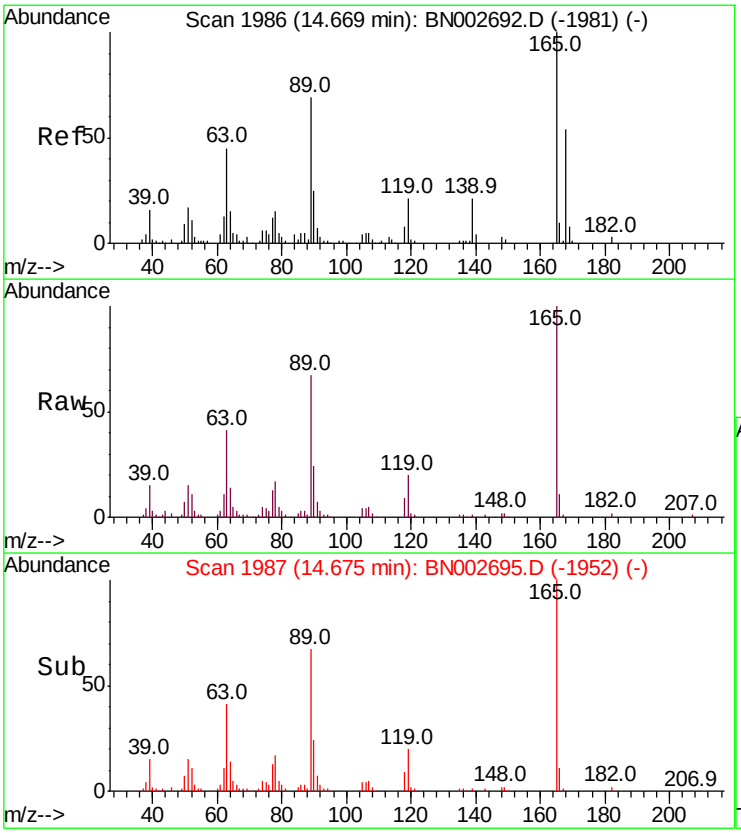
#52
4-Nitrophenol
Concen: 17.648 ng/ul
RT: 14.53 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BN002695.D
Acq: 14 Sep 2018 18:50

Instrument :
BNA_N
ClientSampleId :
DB3N2MS

Tgt Ion:109 Resp: 47472

Ion	Ratio	Lower	Upper
109	100		
139	154.8	116.5	174.7
65	159.2	116.7	175.1

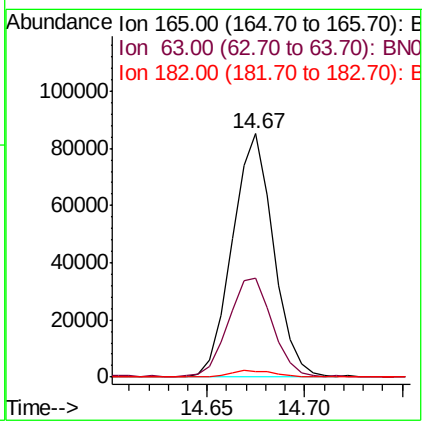


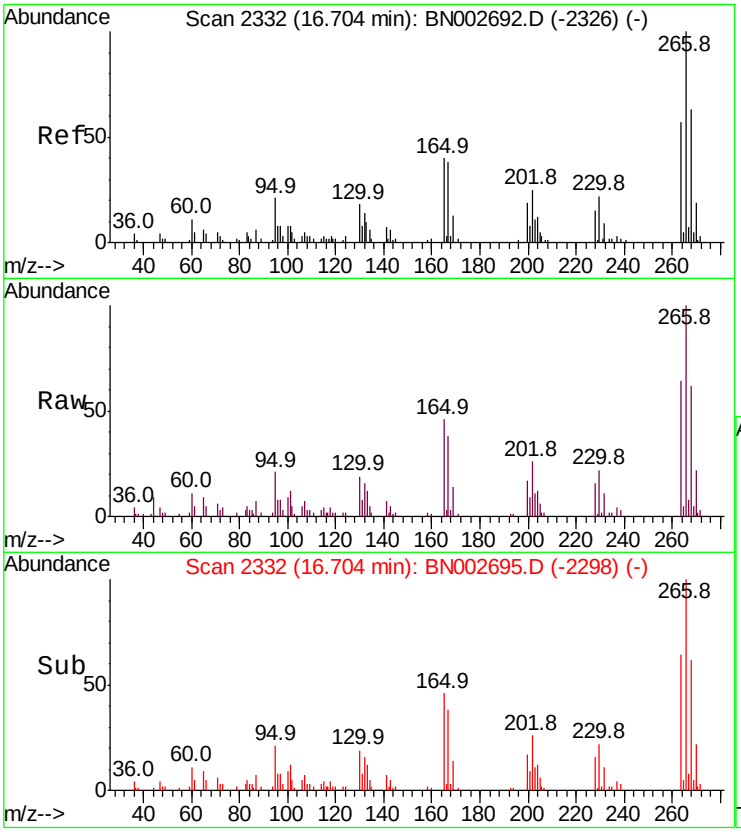


#54
2,4-Dinitrotoluene
Concen: 19.109 ng/ul
RT: 14.67 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BN002695.D
Acq: 14 Sep 2018 18:50

Tgt Ion:165 Resp: 124278

Ion	Ratio	Lower	Upper
165	100		
63	40.5	39.0	58.6
182	2.5	2.4	3.6



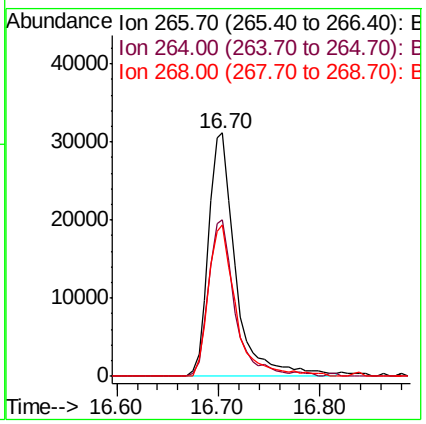


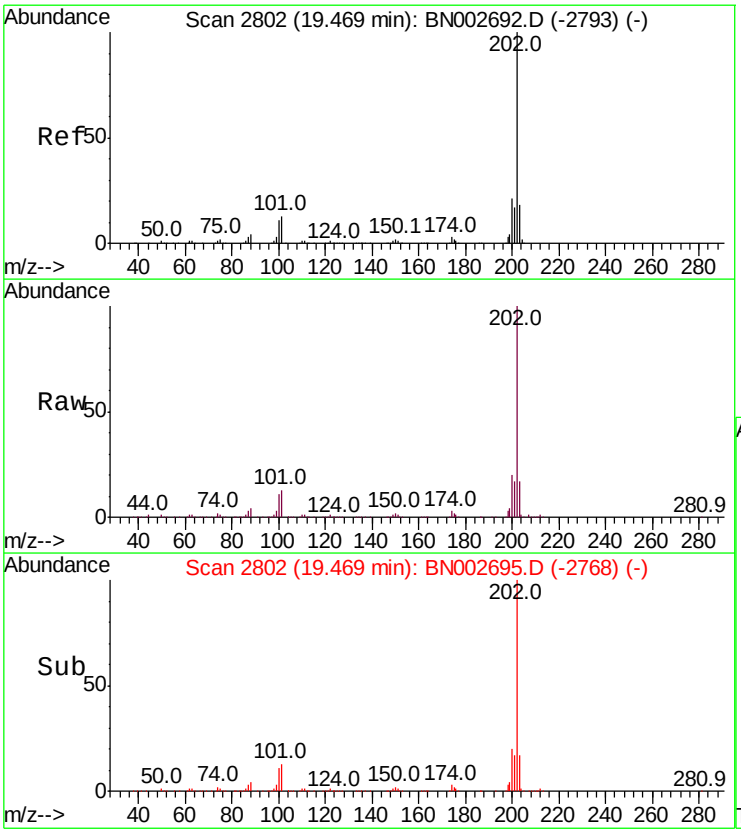
#68
Pentachlorophenol
Concen: 17.059 ng/ul
RT: 16.70 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BN002695.D
Acq: 14 Sep 2018 18:50

Instrument :
BNA_N
ClientSampleId :
DB3N2MS

Tgt Ion:266 Resp: 57928

Ion	Ratio	Lower	Upper
266	100		
264	64.2	49.9	74.9
268	62.2	52.6	79.0





#79
Pyrene
Concen: 19.564 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. 0.00 min
Lab File: BN002695.D
Acq: 14 Sep 2018 18:50

Tgt Ion:202 Resp: 796110

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.8	16.2
100	10.6	8.2	12.2