Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005264.D
Acq On : 24 Apr 2019 23:21
Operator : JU/SJ
Sample : K2456-20MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHN8MSD

Quant Time: Apr 25 03:29:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	410413	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1863911	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1179079	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2634268	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1830803	20.00	ng/ul	-0.02
85) Perylene-d12	23.42	264	1920267	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	46566	5.48	ng/uL	0.00
5) Phenol-d5	6.77	99	1070536	33.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	629532	31.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	824631	33.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	870129	34.53	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	437689	38.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	493862	42.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	921879	34.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1275104	46.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	3024917	35.34	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	3684031	35.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	470689	34.83	ng/ul	0.00
57) Fluorene-d10	15.23	176	2554737	35.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	321552	27.14	ng/ul	0.00
70) Anthracene-d10	17.08	188	3852533	34.89	ng/ul	0.00
78) Pyrene-d10	19.40	212	3654895	39.02	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	3031084	36.12	ng/ul	-0.03
Target Compounds						Qvalue
6) Phenol	6.80	94	1075193	32.429	ng/ul	99
10) 2-Chlorophenol	7.16	128	815338	31.970	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	749196	34.731	ng/ul	93
33) 4-Chloro-3-methylphenol	11.65	107	1066073	35.985	ng/ul	96
44) Dimethylphthalate	13.70	163	1433752	16.811	ng/ul	99
49) Acenaphthene	14.29	153	2365231	33.535	ng/ul	100
52) 4-Nitrophenol	14.45	109	405578	33.062	ng/ul	89
54) 2,4-Dinitrotoluene	14.60	165	850100	40.044	ng/ul	94
56) Diethylphthalate	15.07	149	92973	1.087	ng/ul	99
68) Pentachlorophenol	16.63	266	551590	33.336	ng/ul	98
79) Pyrene	19.43	202	4493396	38.119	ng/ul	98

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

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Misc :
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GAHN8MSD

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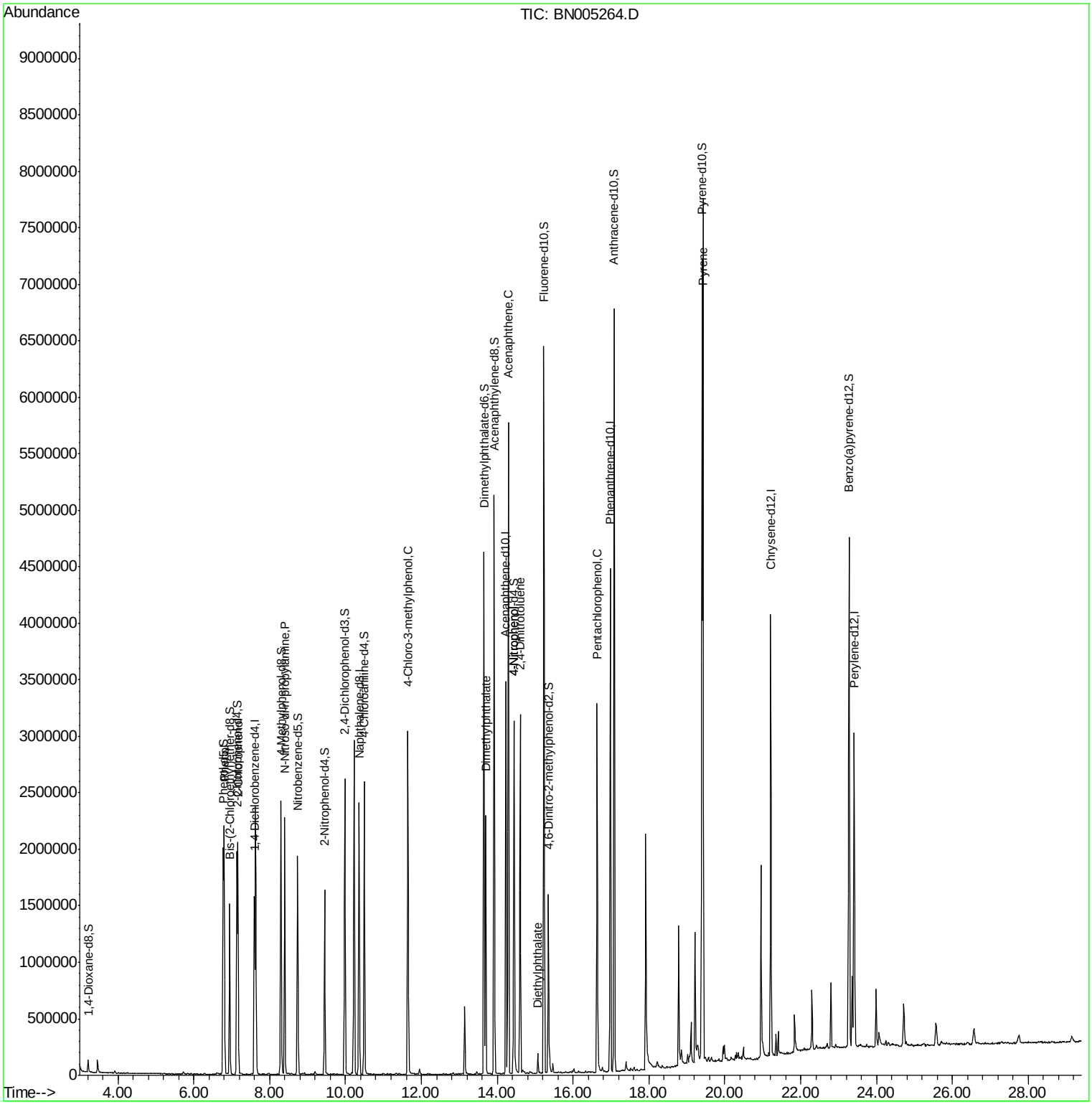
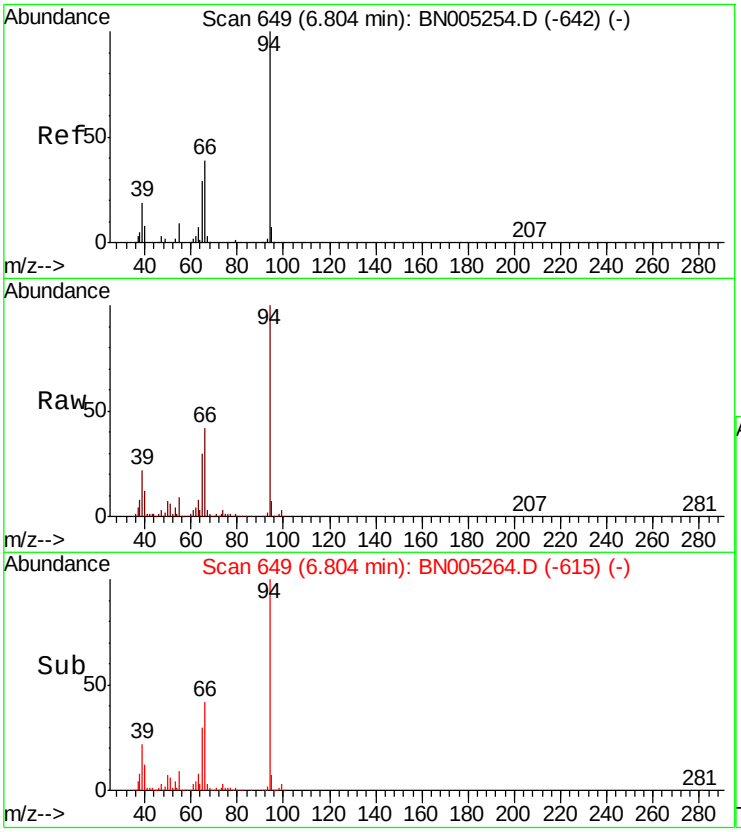
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



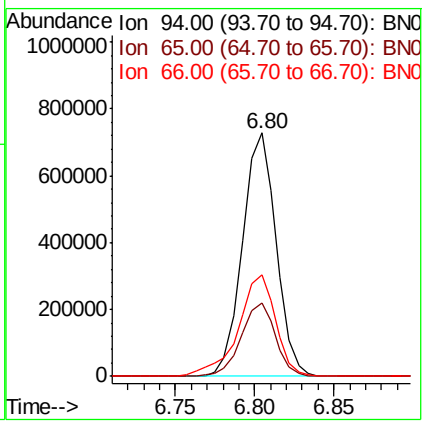


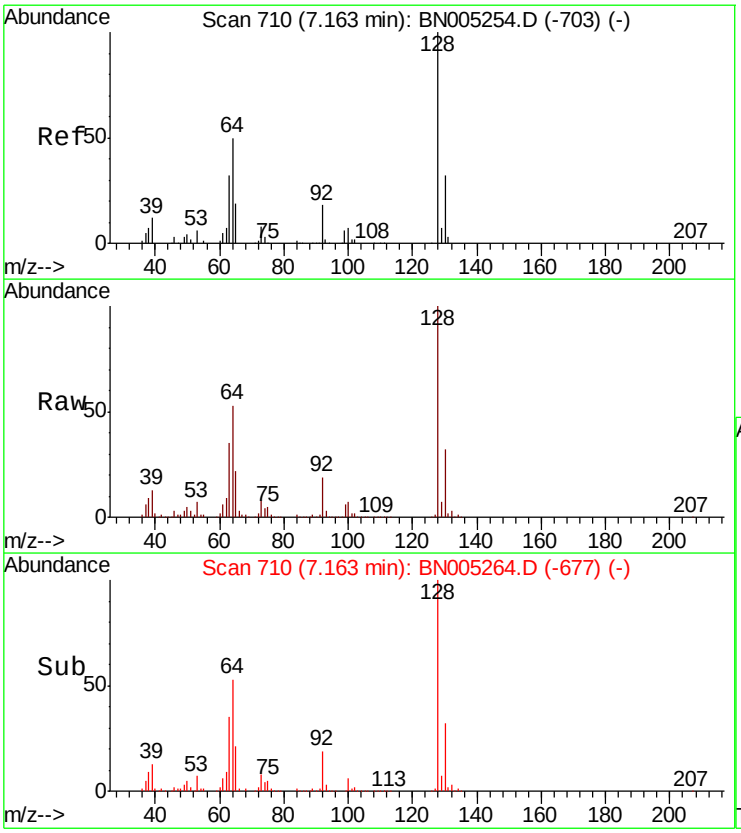
#6
Phenol
Concen: 32.429 ng/ul
RT: 6.80 min Scan# 649
Delta R.T. -0.00 min
Lab File: BN005264.D
Acq: 24 Apr 2019 23:21

Instrument :
BNA_N
ClientSampleId :
GAHN8MSD

Tgt Ion: 94 Resp: 1075193

Ion	Ratio	Lower	Upper
94	100		
65	30.0	24.2	36.4
66	41.7	33.8	50.6

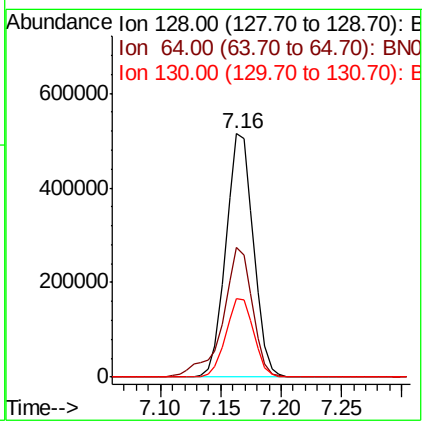


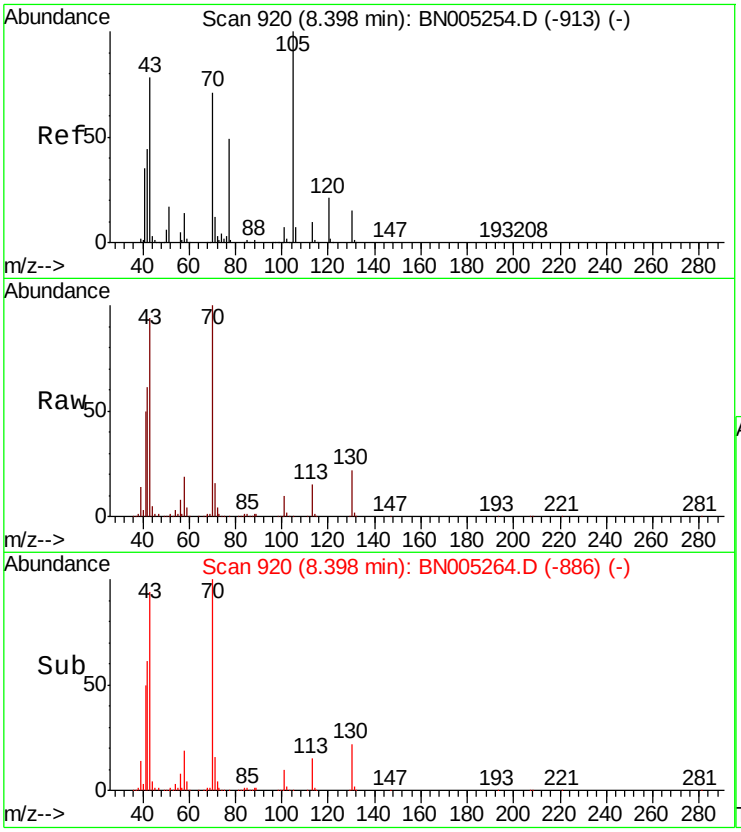


#10
2-Chlorophenol
Concen: 31.970 ng/ul
RT: 7.16 min Scan# 710
Delta R.T. -0.01 min
Lab File: BN005264.D
Acq: 24 Apr 2019 23:21

Tgt Ion:128 Resp: 815338

Ion	Ratio	Lower	Upper
128	100		
64	53.3	42.3	63.5
130	32.3	26.5	39.7



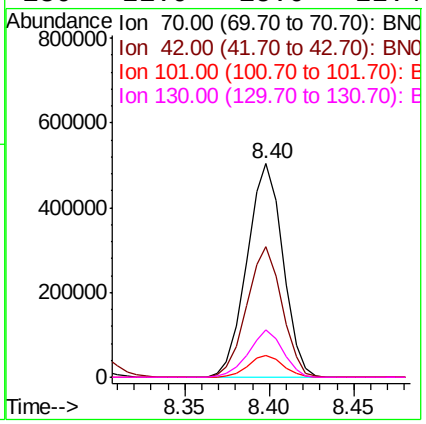


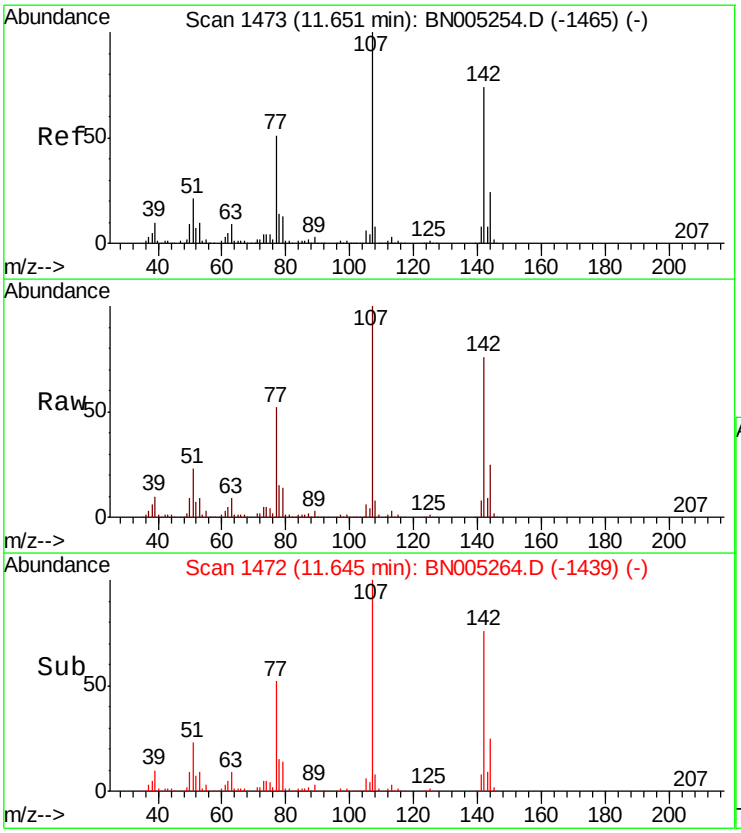
#15
N-Nitroso-di-n-propylamine
Concen: 34.731 ng/ul
RT: 8.40 min Scan# 920
Delta R.T. -0.00 min
Lab File: BN005264.D
Acq: 24 Apr 2019 23:21

Instrument :
BNA_N
ClientSampleId :
GAHN8MSD

Tgt Ion: 70 Resp: 749196

Ion	Ratio	Lower	Upper
70	100		
42	60.9	53.8	80.8
101	10.3	7.7	11.5
130	21.9	15.0	22.4

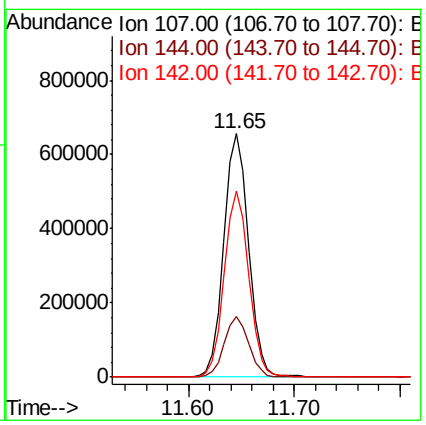


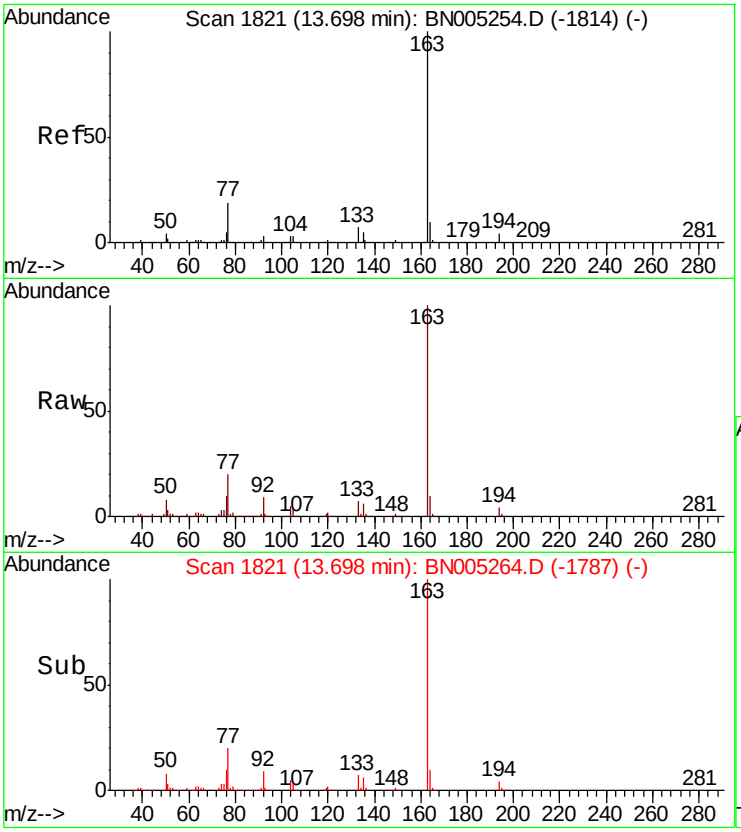


#33
4-Chloro-3-methylphenol
Concen: 35.985 ng/ul
RT: 11.65 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN005264.D
Acq: 24 Apr 2019 23:21

Tgt Ion:107 Resp: 1066073

Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.4	29.0
142	76.4	57.7	86.5



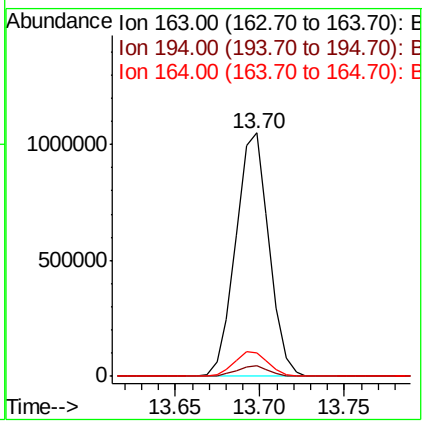


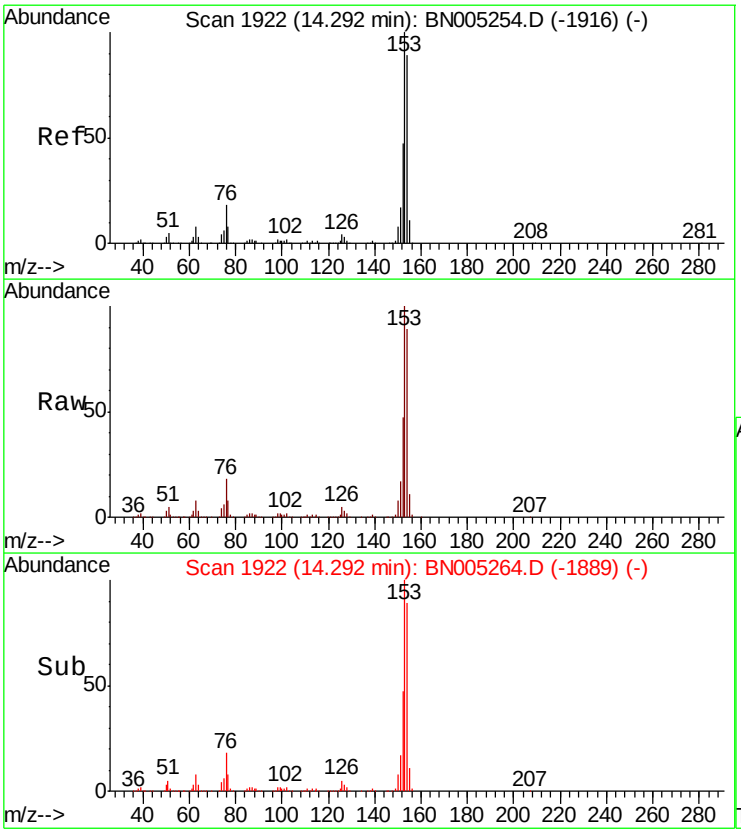
#44
Dimethylphthalate
Concen: 16.811 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BN005264.D
Acq: 24 Apr 2019 23:21

Instrument :
BNA_N
ClientSampleId :
GAHN8MSD

Tgt Ion:163 Resp: 1433752

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.6	8.1	12.1

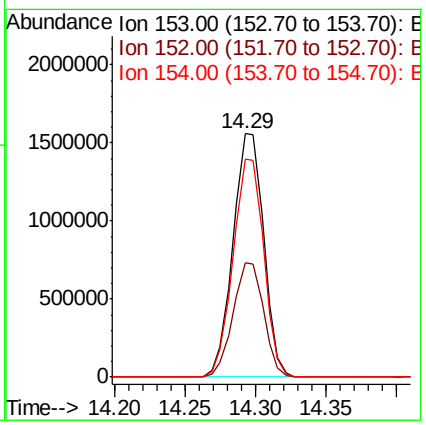


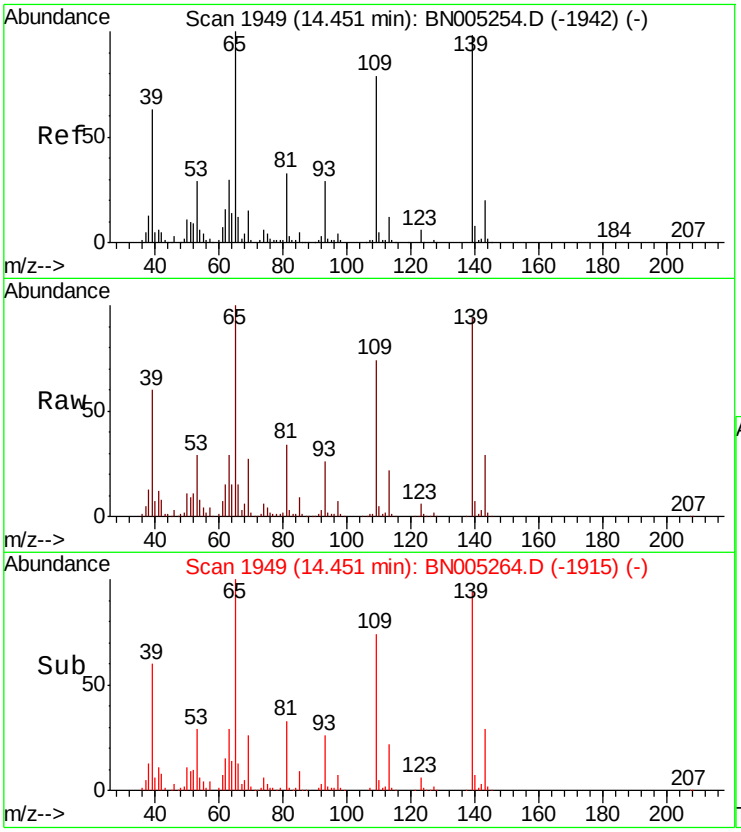


#49
Acenaphthene
Concen: 33.535 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BN005264.D
Acq: 24 Apr 2019 23:21

Tgt Ion:153 Resp: 2365231

Ion	Ratio	Lower	Upper
153	100		
152	47.1	37.4	56.0
154	89.3	71.2	106.8



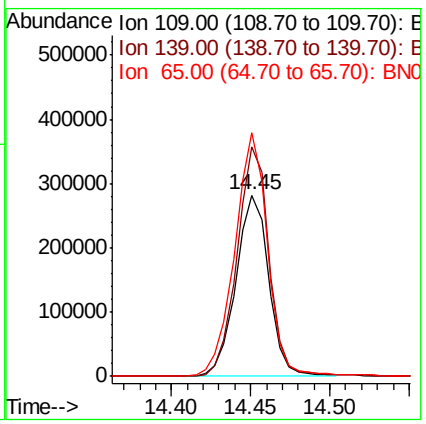


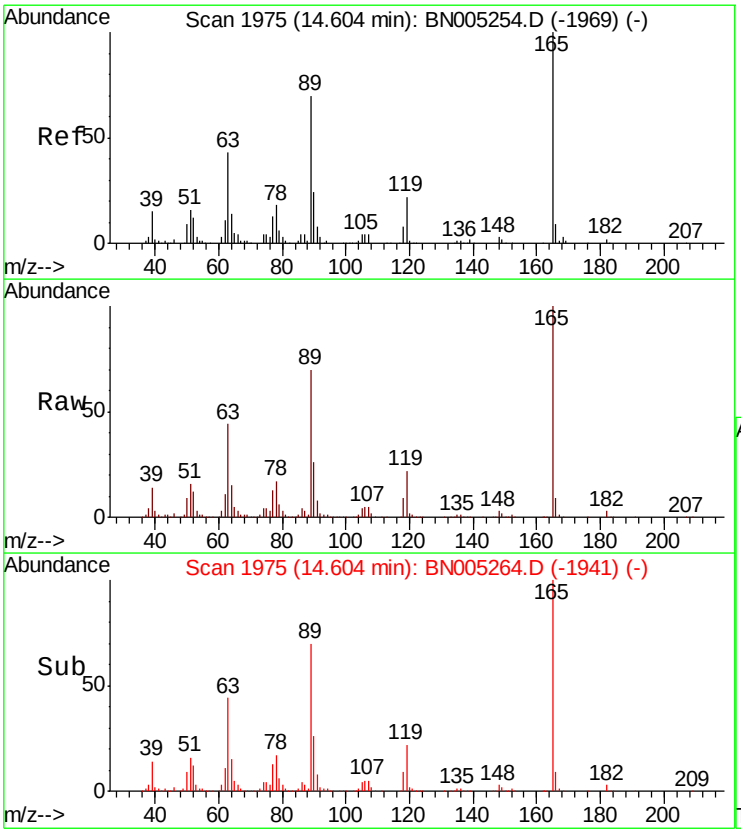
#52
4-Nitrophenol
Concen: 33.062 ng/ul
RT: 14.45 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BN005264.D
Acq: 24 Apr 2019 23:21

Instrument :
BNA_N
ClientSampleId :
GAHN8MSD

Tgt Ion:109 Resp: 405578

Ion	Ratio	Lower	Upper
109	100		
139	126.6	92.3	138.5
65	134.3	97.5	146.3

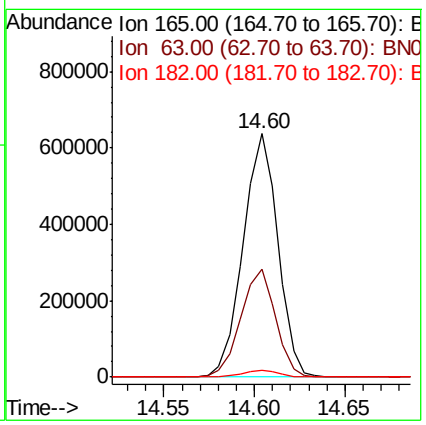


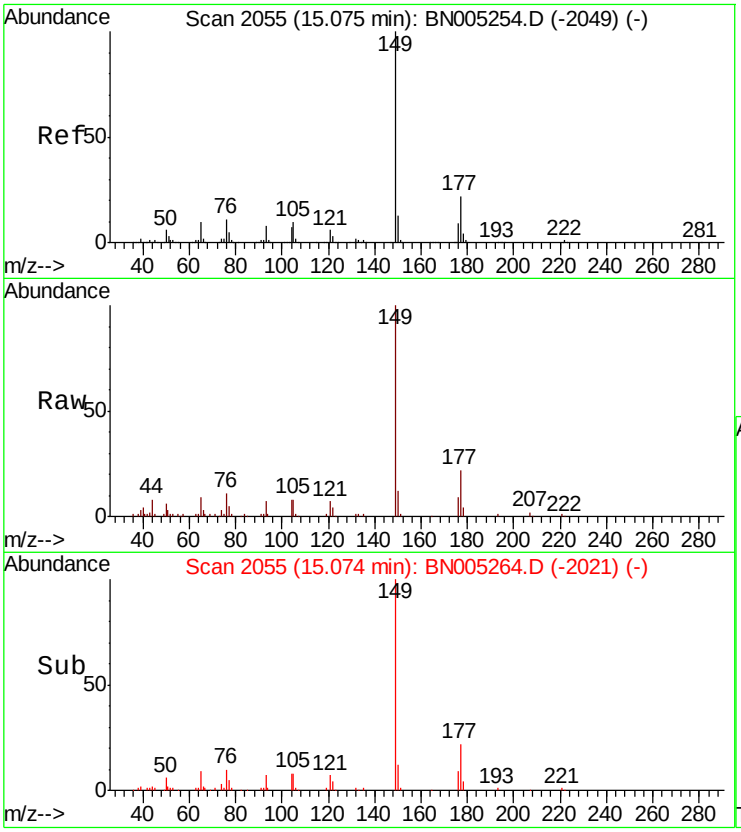


#54
2,4-Dinitrotoluene
Concen: 40.044 ng/ul
RT: 14.60 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BN005264.D
Acq: 24 Apr 2019 23:21

Tgt Ion:165 Resp: 850100

Ion	Ratio	Lower	Upper
165	100		
63	44.3	38.9	58.3
182	2.9	2.6	3.8



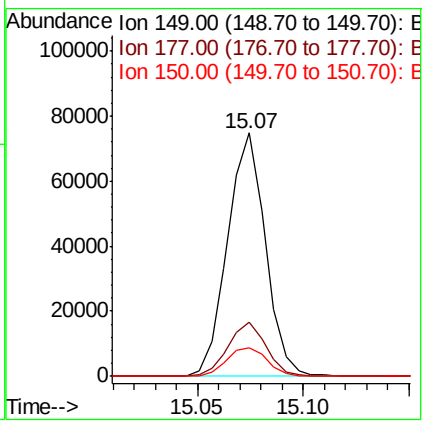


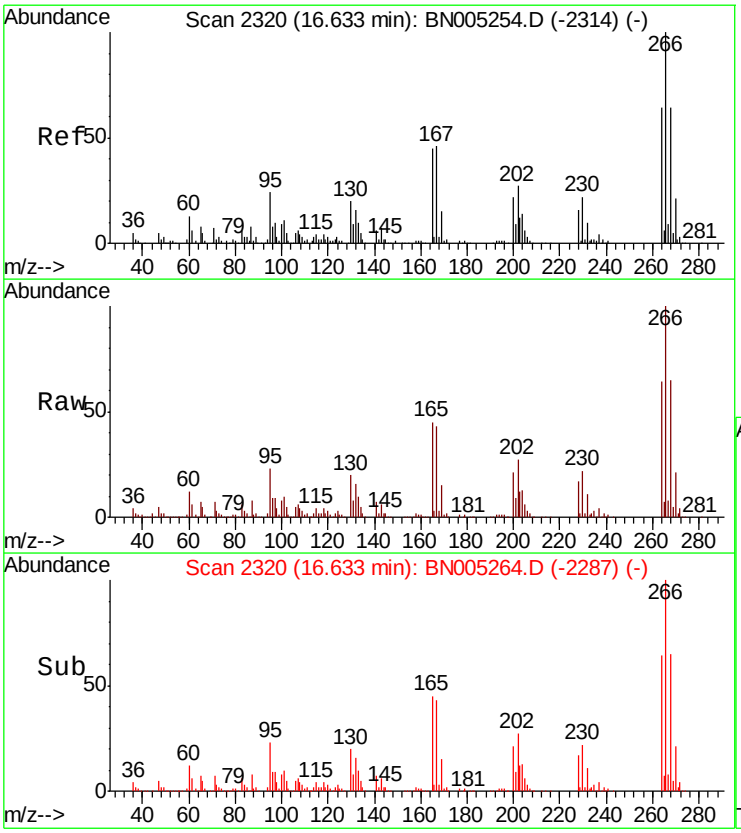
#56
Diethylphthalate
Concen: 1.087 ng/ul
RT: 15.07 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BN005264.D
Acq: 24 Apr 2019 23:21

Instrument :
BNA_N
ClientSampleId :
GAHN8MSD

Tgt Ion:149 Resp: 92973

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.7	26.5
150	11.7	10.0	15.0

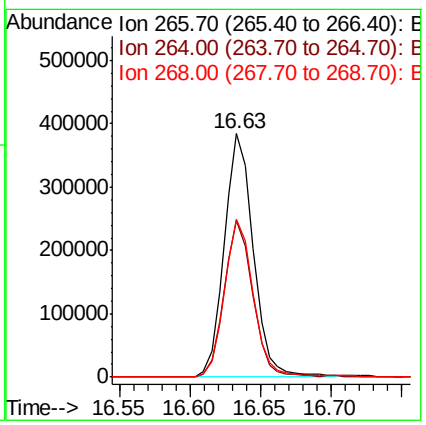


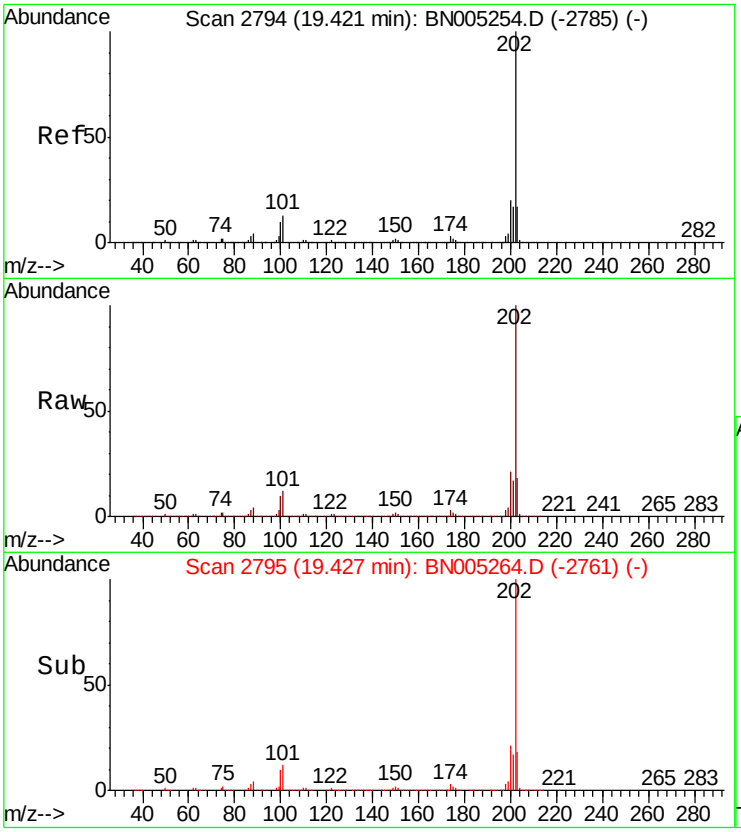


#68
Pentachlorophenol
Concen: 33.336 ng/ul
RT: 16.63 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BN005264.D
Acq: 24 Apr 2019 23:21

Tgt Ion:266 Resp: 551590

Ion	Ratio	Lower	Upper
266	100		
264	64.3	49.7	74.5
268	64.9	52.4	78.6





#79
Pyrene
Concen: 38.119 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BN005264.D
Acq: 24 Apr 2019 23:21

Instrument :
BNA_N
ClientSampleId :
GAHN8MSD

Tgt Ion:202 Resp: 4493396

Ion	Ratio	Lower	Upper
202	100		
101	11.6	10.3	15.5
100	9.6	7.9	11.9