Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005191.D
Acq On : 23 Apr 2019 01:02
Operator : JU/SJ
Sample : K2455-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR9

Quant Time: Apr 23 03:44:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 04:25:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	7184	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	31821	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.23	164	29252	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.98	188	142867	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	123714	20.00	ng/ul	0.01
85) Perylene-d12	23.41	264	123869	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	120669	811.00	ng/uL	0.00
5) Phenol-d5	6.78	99	1443651	2558.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	902608	2564.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	1123490	2601.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	1195138	2709.71	ng/ul	-0.01
19) Nitrobenzene-d5	8.74	128	576429	2943.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	647730	3262.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	1195903	2627.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	1680155	3579.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	3984620	1876.52	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	4758810	1824.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	634547	1892.55	ng/ul	0.00
57) Fluorene-d10	15.23	176	3284478	1843.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	517281	805.03	ng/ul	0.00
70) Anthracene-d10	17.08	188	4953259	827.04	ng/ul	0.00
78) Pyrene-d10	19.39	212	5141378	812.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	4322904	798.56	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	281	1.756	ng/uL#	1
4) Benzaldehyde	6.78	77	3123	7.811	ng/ul#	2
6) Phenol	6.80	94	26402	45.492	ng/ul#	77
8) Bis(2-Chloroethyl)ether	7.13	93	1871	4.026	ng/ul#	1
12) 2,2'-oxybis(1-Chloropropan	8.29	45	10435	13.374	ng/ul#	72
14) Acetophenone	8.41	105	2072	2.935	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.29	70	32523	86.133	ng/ul#	1
20) Nitrobenzene	8.73	77	5393	10.006	ng/ul#	36
21) Isophorone	9.45	82	56851	53.271	ng/ul#	74
28) Naphthalene	10.41	128	14210	9.606	ng/ul	97
30) 4-Chloroaniline	10.50	127	486	1.017	ng/ul#	1
32) Caprolactam	11.33	113	5195	38.226	ng/ul	81
34) 2-Methylnaphthalene	12.03	142	11171	10.313	ng/ul	97
42) 2-Nitroaniline	13.15	65	1305	2.935	ng/ul#	9
44) Dimethylphthalate	13.70	163	750038	354.486	ng/ul	99
45) 2,6-Dinitrotoluene	13.69	165	7667	20.986	ng/ul#	52
47) Acenaphthylene	13.95	152	5484	2.140	ng/ul#	97
52) 4-Nitrophenol	14.43	109	748	2.458	ng/ul#	1
56) Diethylphthalate	15.07	149	2263	1.067	ng/ul#	64
58) Fluorene	15.28	166	3700	1.882	ng/ul	93
60) 4-Nitroaniline	15.35	138	2310	5.456	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.35	198	1874	2.740	ng/ul#	1
69) Phenanthrene	17.02	178	14203	2.041	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005191.D
Acq On : 23 Apr 2019 01:02
Operator : JU/SJ
Sample : K2455-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR9

Quant Time: Apr 23 03:44:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 04:25:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Anthracene	17.02	178	14203	2.004	ng/ul	97
75) Di-n-butylphthalate	17.97	149	11360	1.487	ng/ul#	89
83) Bis(2-ethylhexyl)phthalate	21.16	149	8384	1.726	ng/ul#	98

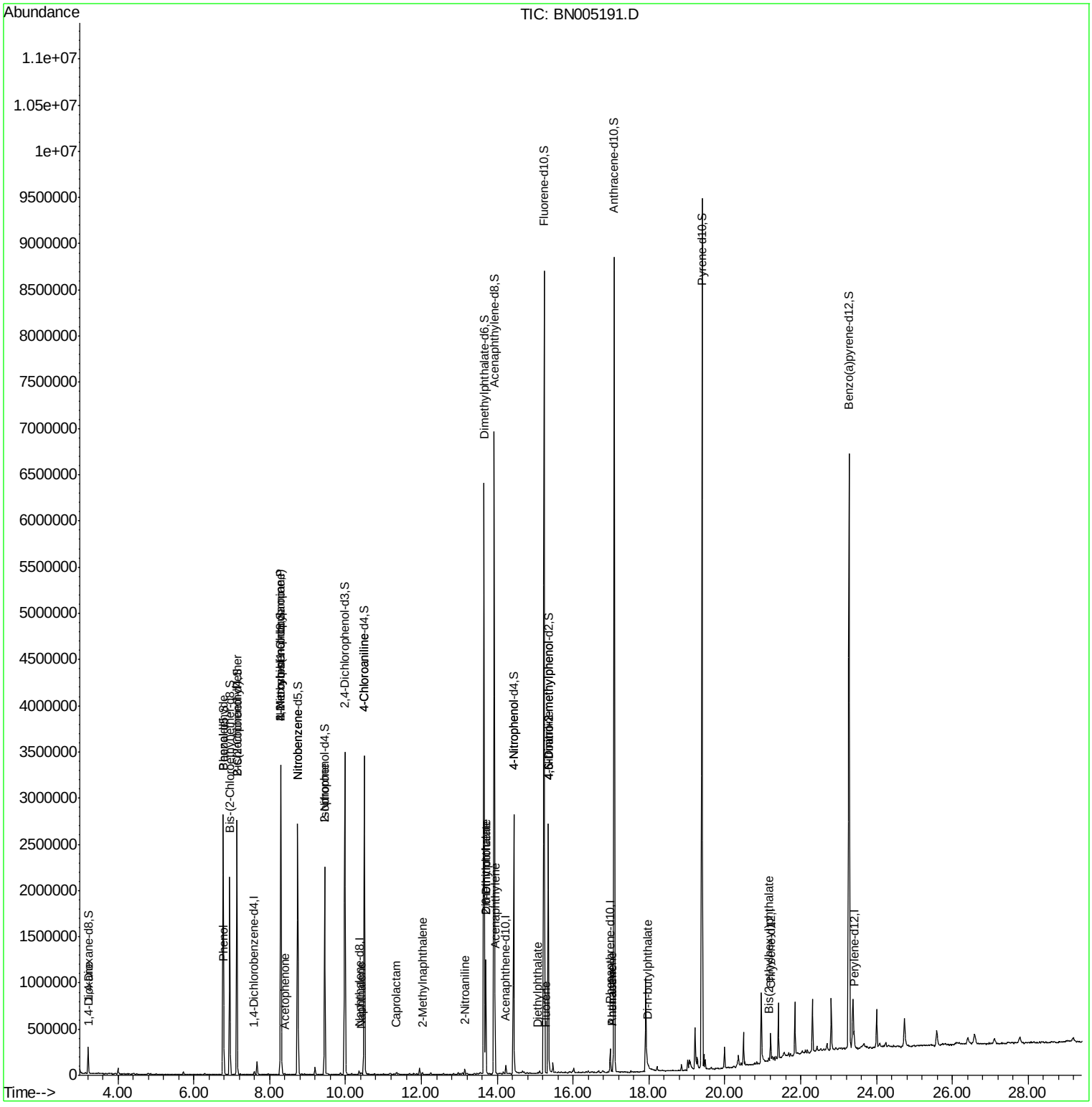
(#) = qualifier out of range (m) = manual integration (+) = signals summed

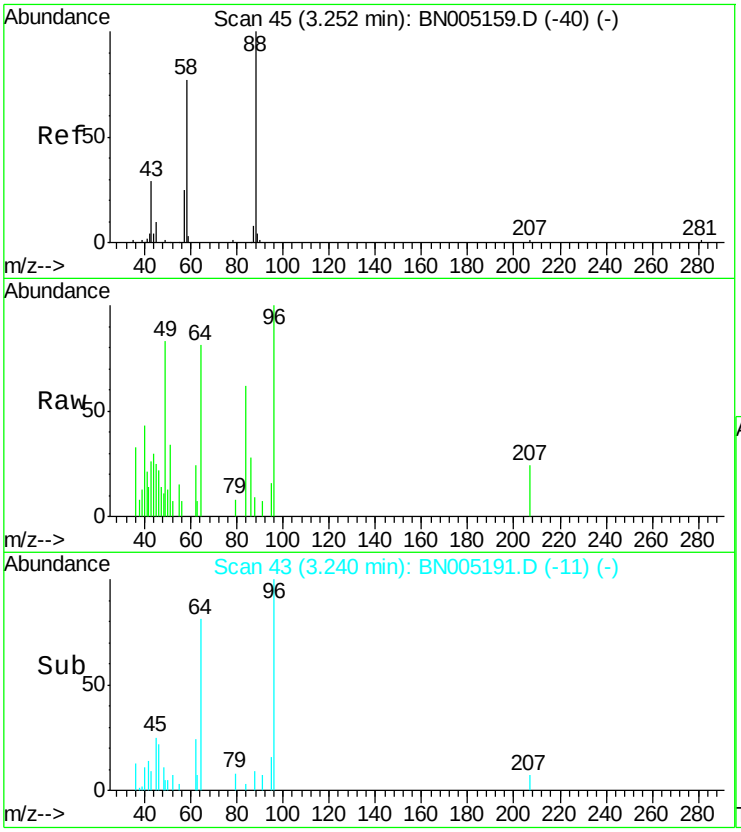
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005191.D
Acq On : 23 Apr 2019 01:02
Operator : JU/SJ
Sample : K2455-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHR9

Quant Time: Apr 23 03:44:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 04:25:06 2019
Response via : Initial Calibration



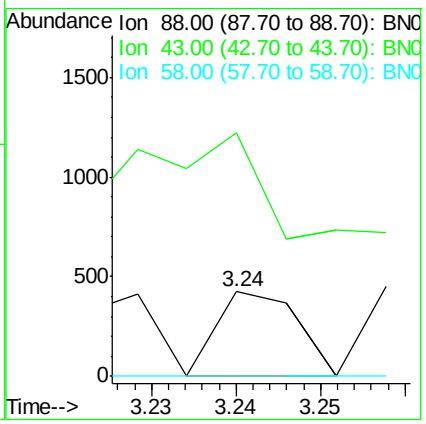


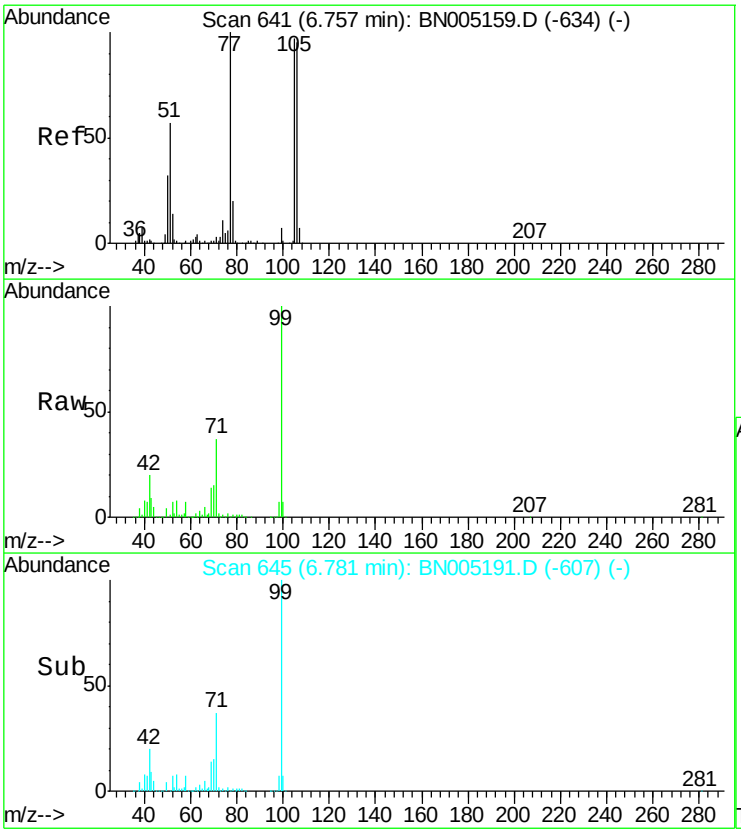
#2
1,4-Dioxane
Concen: 1.756 ng/uL
RT: 3.24 min Scan# 43
Delta R.T. -0.01 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Instrument :
BNA_N
ClientSampleId :
GAHR9

Tgt Ion: 88 Resp: 281

Ion	Ratio	Lower	Upper
88	100		
43	287.5	25.3	37.9#
58	0.0	62.3	93.5#

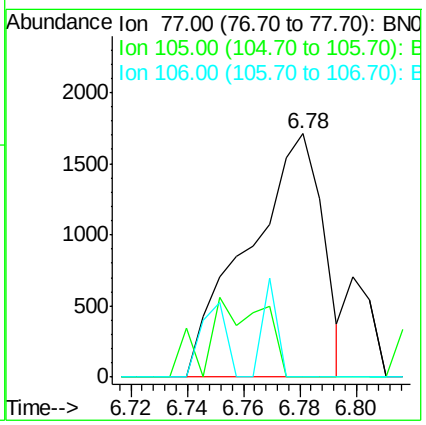


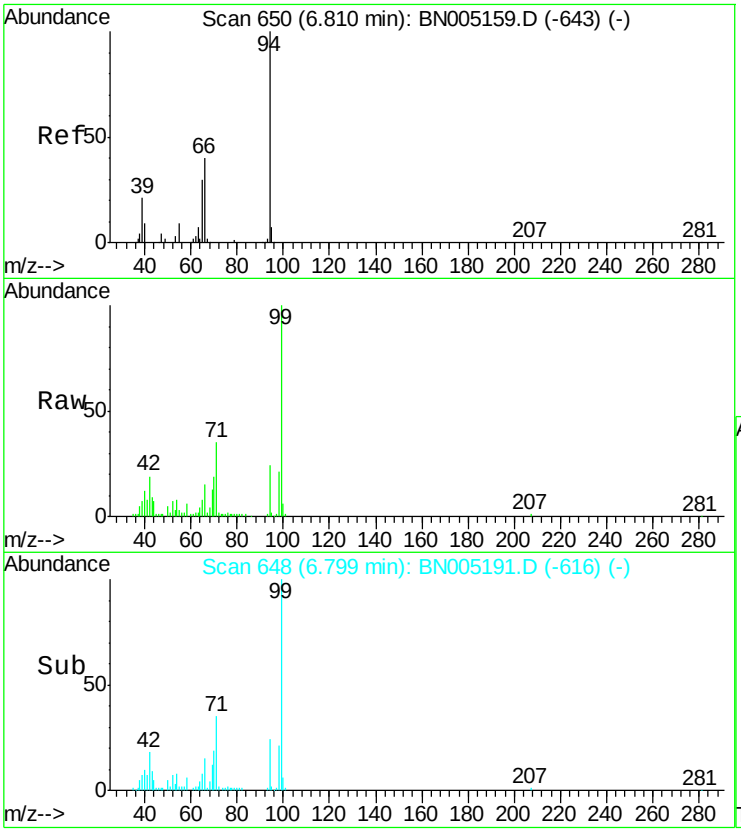


#4
Benzaldehyde
Concen: 7.811 ng/ul
RT: 6.78 min Scan# 645
Delta R.T. 0.02 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Tgt Ion: 77 Resp: 3123

Ion	Ratio	Lower	Upper
77	100		
105	0.0	77.4	116.2#
106	0.0	76.3	114.5#



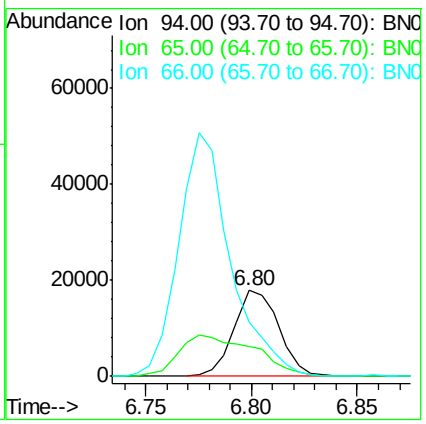


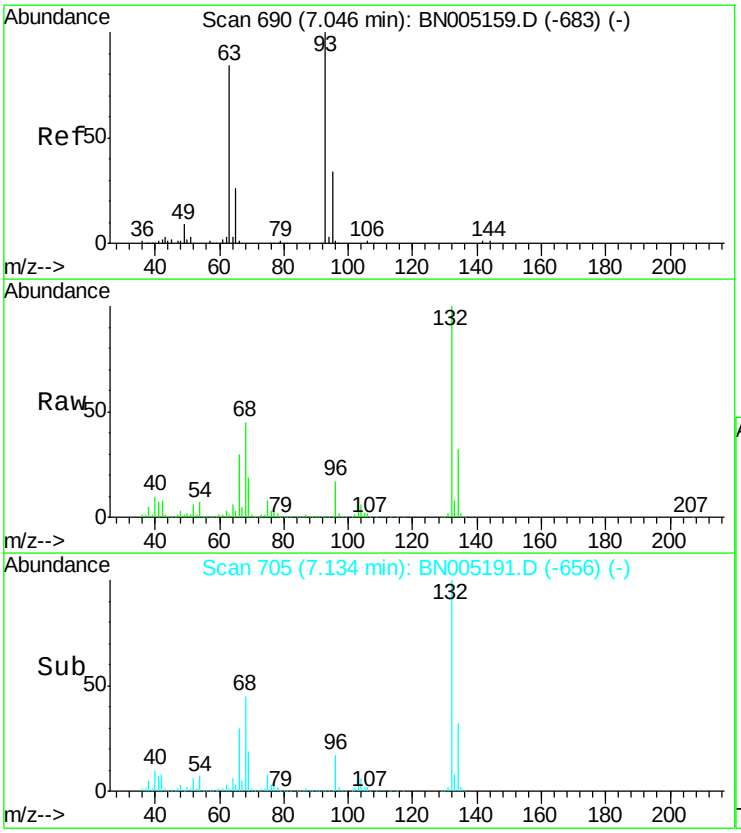
#6
Phenol
Concen: 45.492 ng/ul
RT: 6.80 min Scan# 648
Delta R.T. -0.01 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Instrument :
BNA_N
ClientSampleId :
GAHR9

Tgt Ion: 94 Resp: 26402

Ion	Ratio	Lower	Upper
94	100		
65	35.2	24.2	36.4
66	62.7	33.8	50.6#

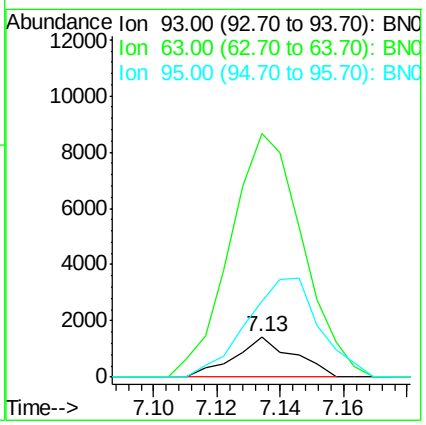


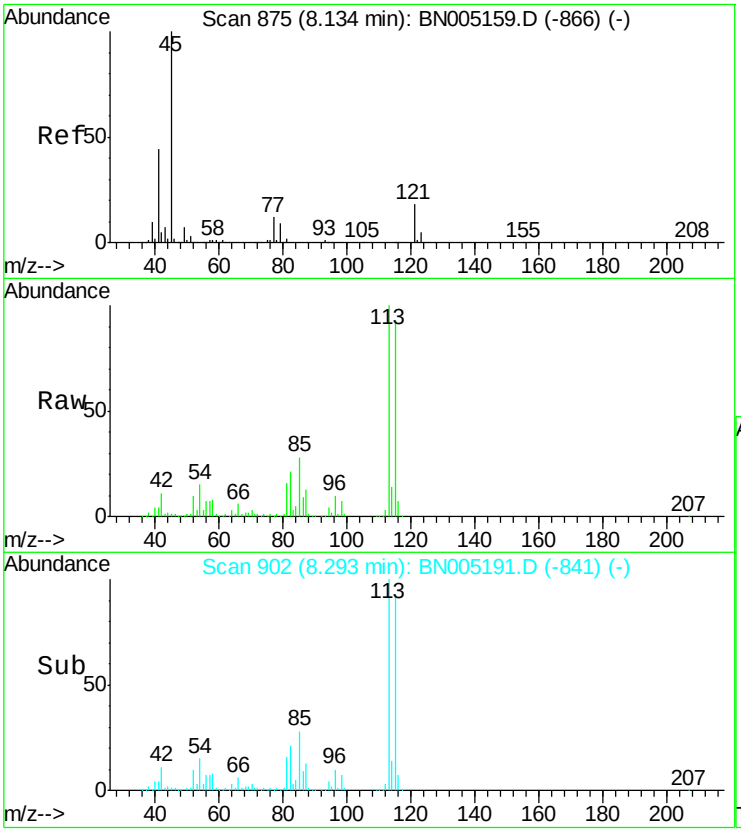


#8
Bis(2-Chloroethyl)ether
Concen: 4.026 ng/ul
RT: 7.13 min Scan# 705
Delta R.T. 0.09 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Tgt Ion: 93 Resp: 1871

Ion	Ratio	Lower	Upper
93	100		
63	600.6	67.1	100.7#
95	186.4	26.9	40.3#



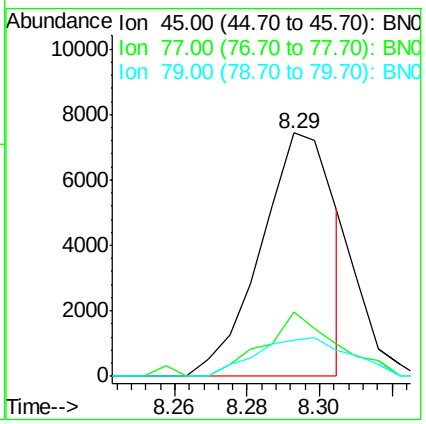


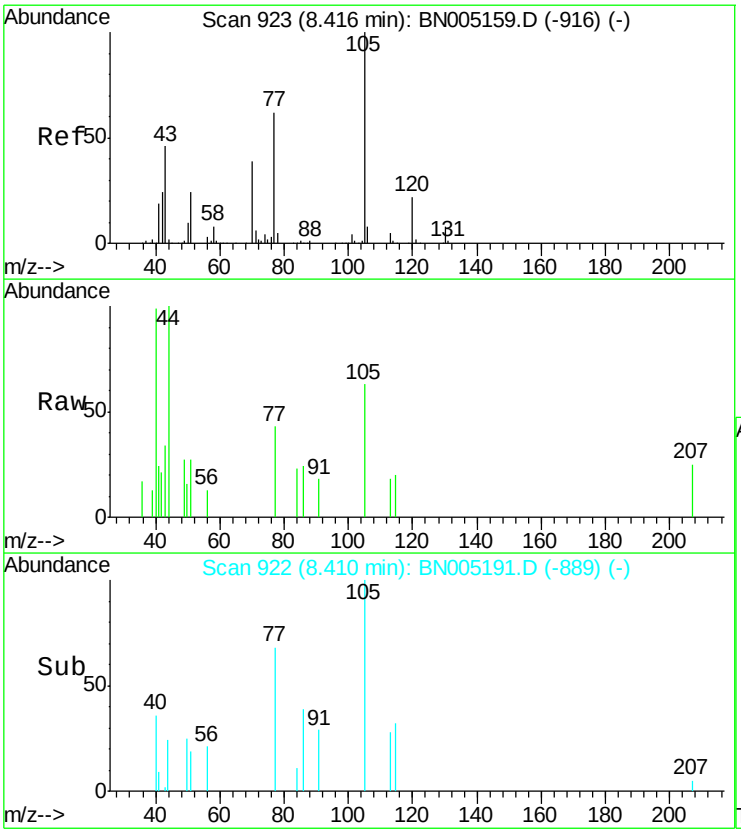
#12
2,2'-oxybis(1-Chloropropane)
Concen: 13.374 ng/ul
RT: 8.29 min Scan# 902
Delta R.T. 0.16 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Instrument :
BNA_N
ClientSampleId :
GAHR9

Tgt Ion: 45 Resp: 10435

Ion	Ratio	Lower	Upper
45	100		
77	26.5	9.8	14.6#
79	14.9	7.4	11.0#

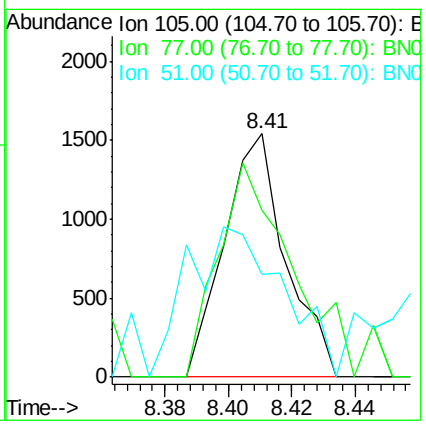


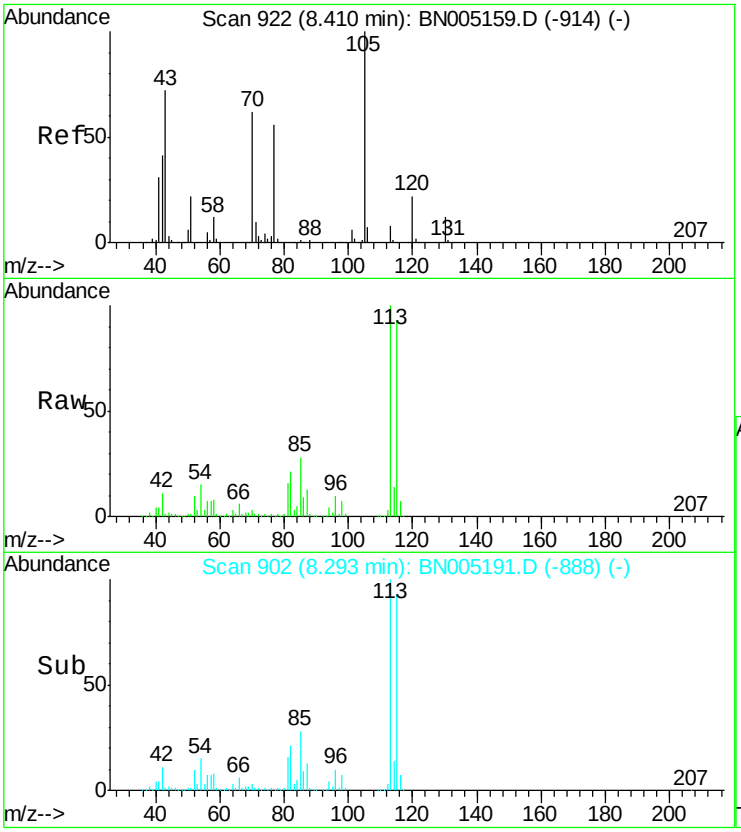


#14
Acetophenone
Concen: 2.935 ng/ul
RT: 8.41 min Scan# 922
Delta R.T. -0.01 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Tgt Ion:105 Resp: 2072

Ion	Ratio	Lower	Upper
105	100		
77	68.3	63.4	95.0
51	42.4	24.2	36.4#



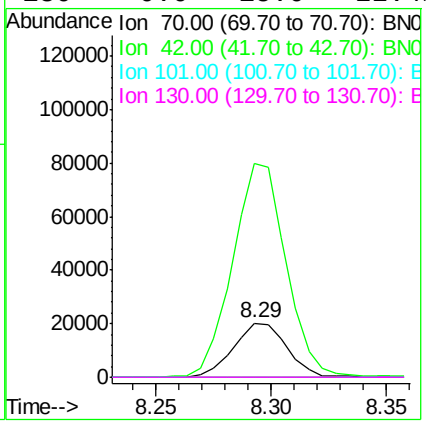


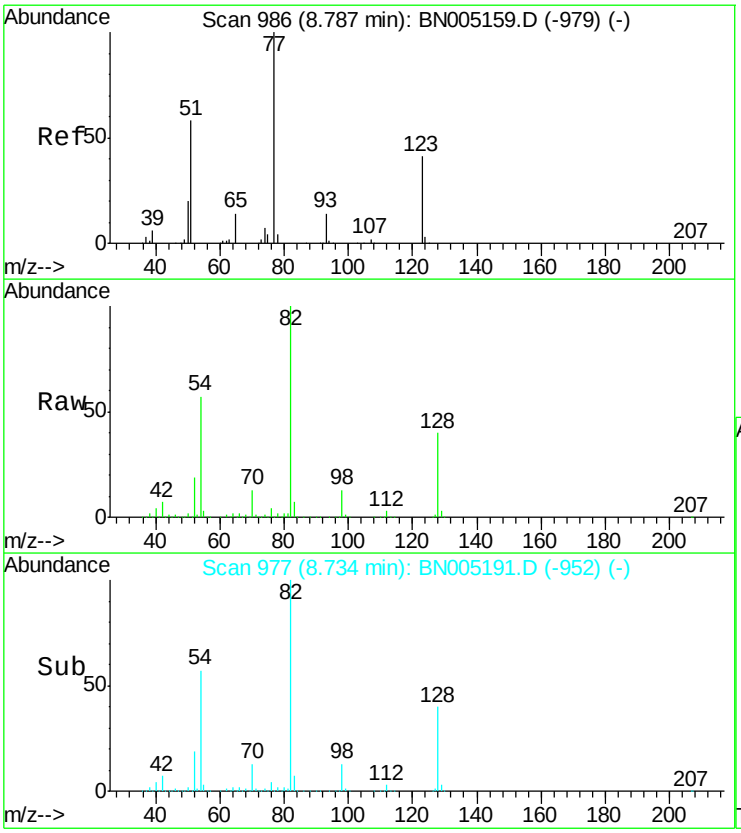
#15
N-Nitroso-di-n-propylamine
Concen: 86.133 ng/ul
RT: 8.29 min Scan# 902
Delta R.T. -0.12 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Instrument :
BNA_N
ClientSampleId :
GAHR9

Tgt Ion: 70 Resp: 32523

Ion	Ratio	Lower	Upper
70	100		
42	394.4	53.8	80.8#
101	0.0	7.7	11.5#
130	0.0	15.0	22.4#

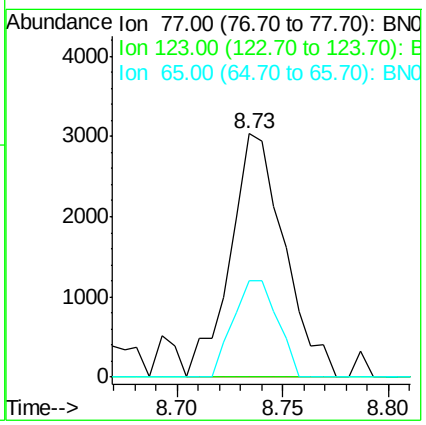


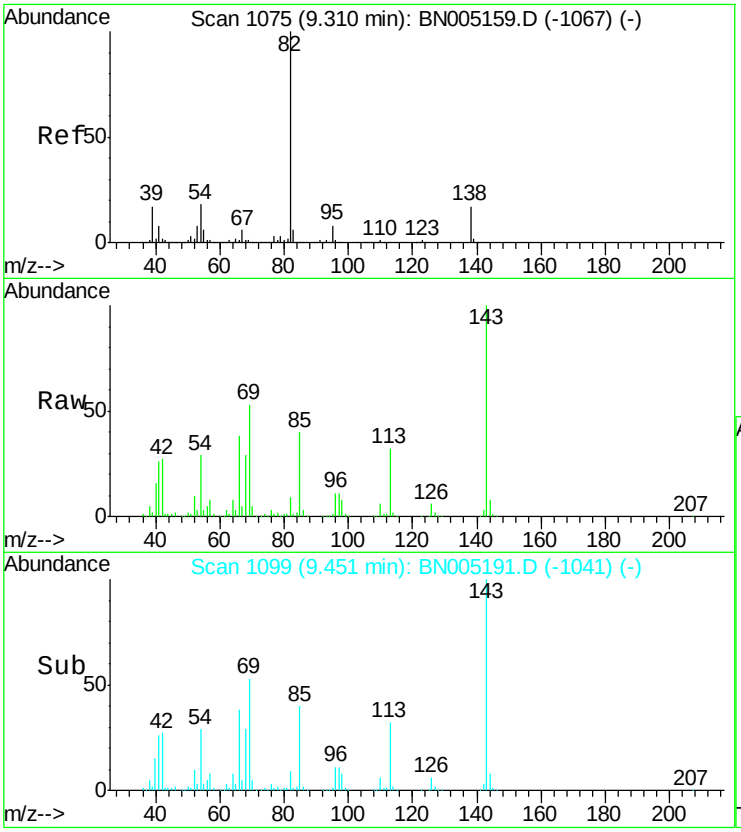


#20
Nitrobenzene
Concen: 10.006 ng/ul
RT: 8.73 min Scan# 977
Delta R.T. -0.05 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Tgt Ion: 77 Resp: 5393

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	39.4	11.6	17.4#



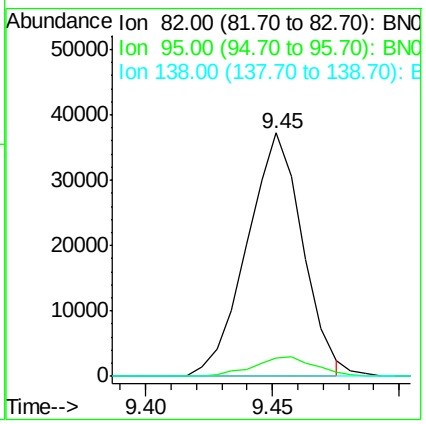


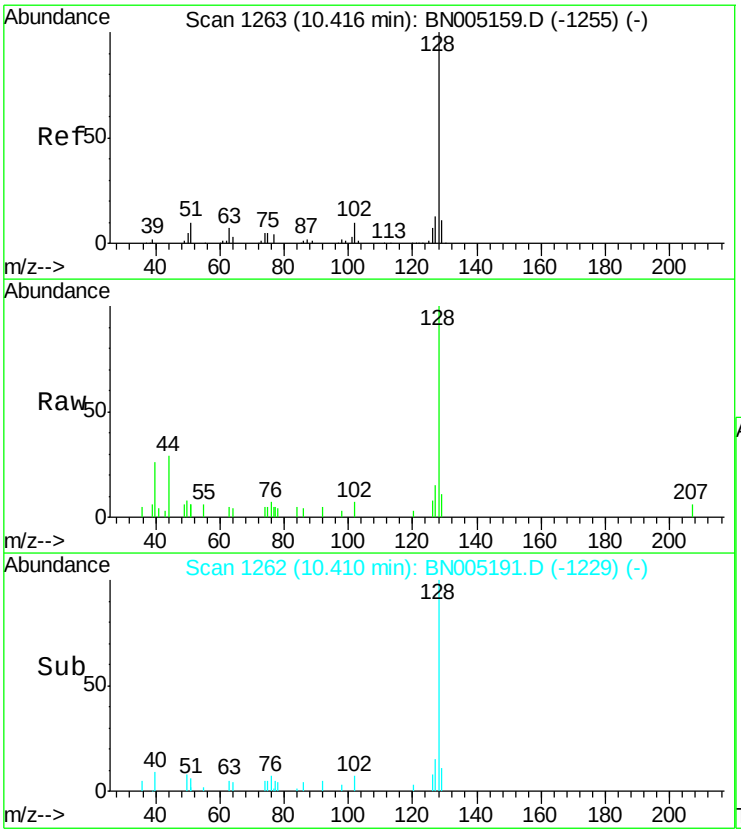
#21
Isophorone
Concen: 53.271 ng/ul
RT: 9.45 min Scan# 1099
Delta R.T. 0.14 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Instrument :
BNA_N
ClientSampleId :
GAHR9

Tgt Ion: 82 Resp: 56851

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.2	9.2
138	0.0	13.2	19.8#

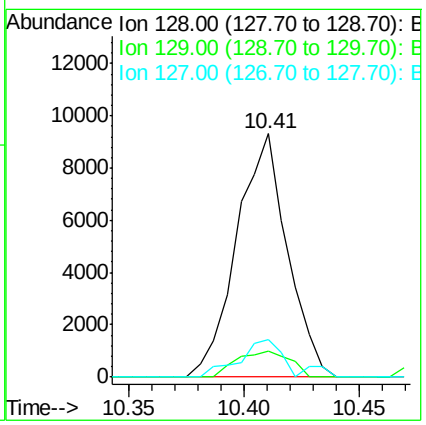


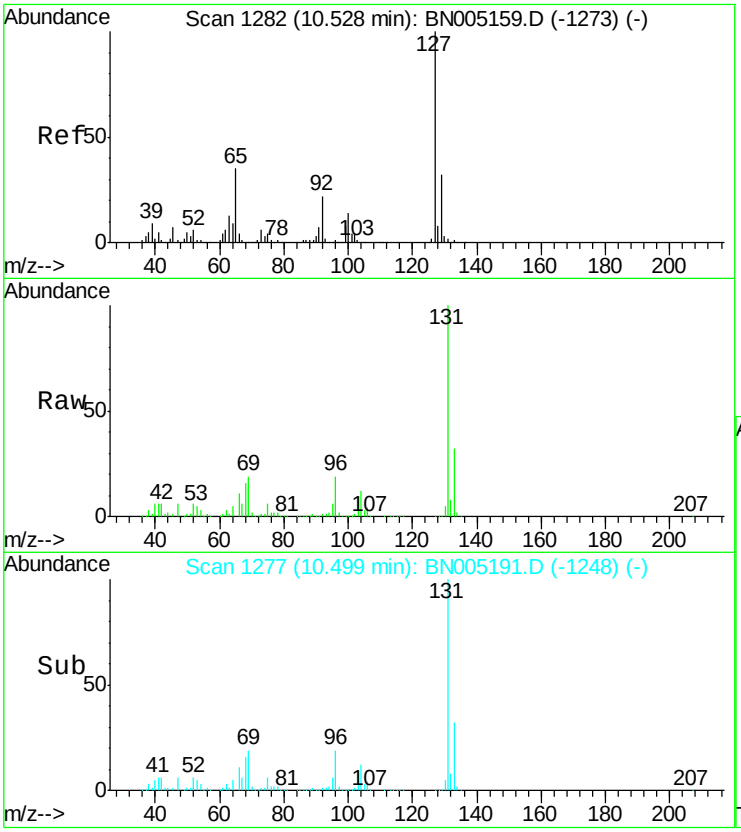


#28
Naphthalene
Concen: 9.606 ng/ul
RT: 10.41 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Tgt Ion:128 Resp: 14210

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.2	13.8
127	15.4	10.7	16.1



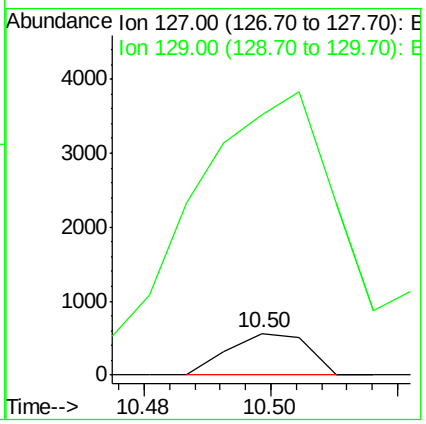


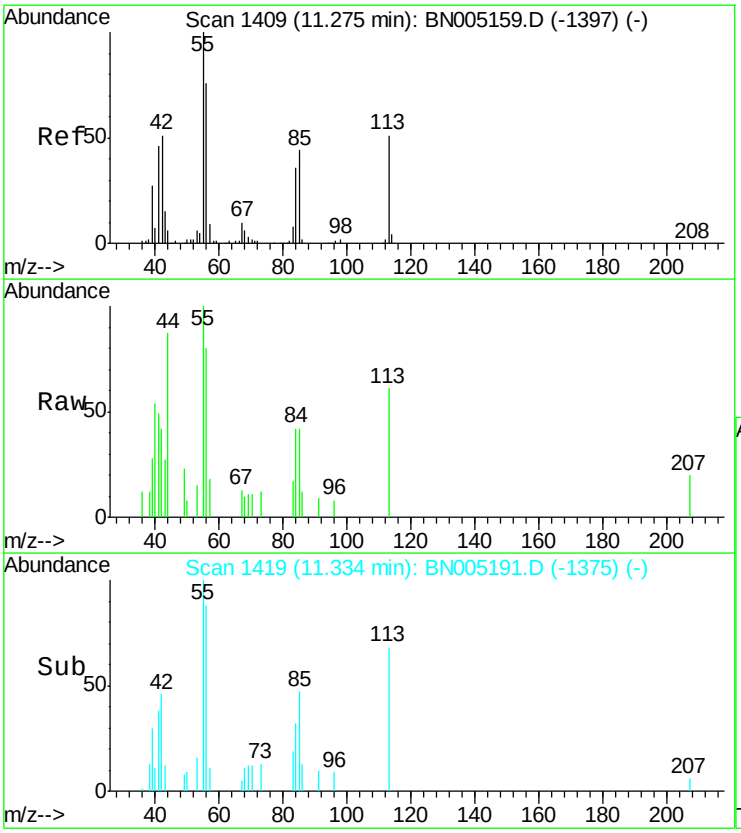
#30
4-Chloroaniline
Concen: 1.017 ng/ul
RT: 10.50 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Instrument :
BNA_N
ClientSampleId :
GAHR9

Tgt Ion:127 Resp: 486

Ion	Ratio	Lower	Upper
127	100		
129	628.6	25.8	38.6#

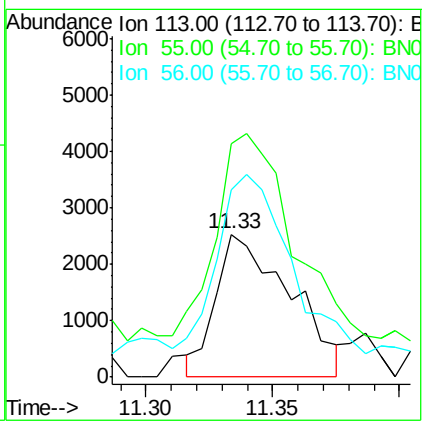


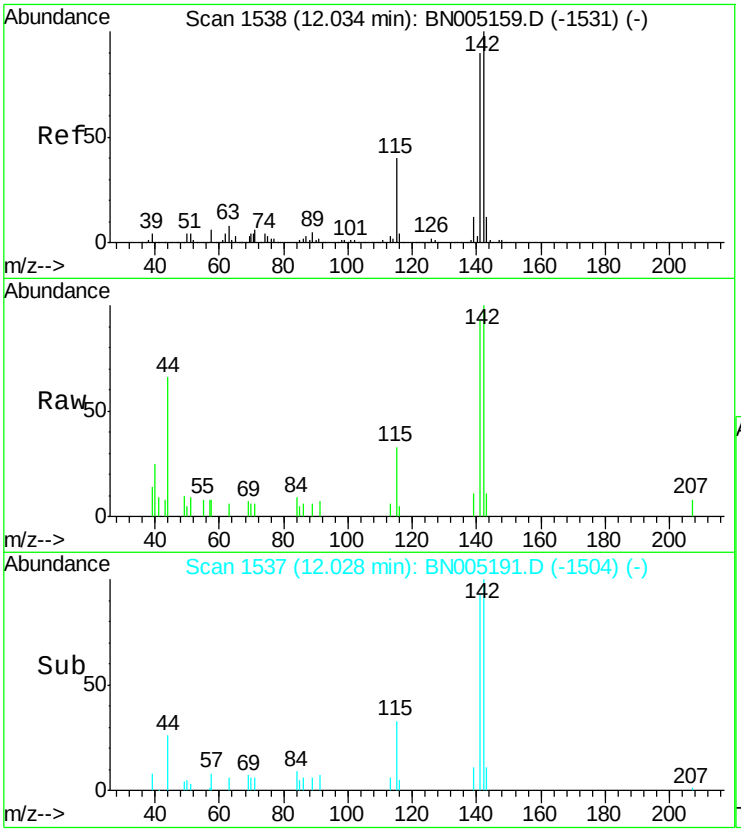


#32
Caprolactam
Concen: 38.226 ng/ul
RT: 11.33 min Scan# 1419
Delta R.T. 0.06 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Tgt Ion:113 Resp: 5195

Ion	Ratio	Lower	Upper
113	100		
55	163.2	157.0	235.4
56	130.5	119.1	178.7



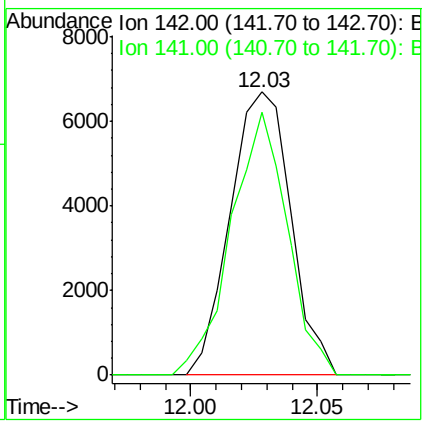


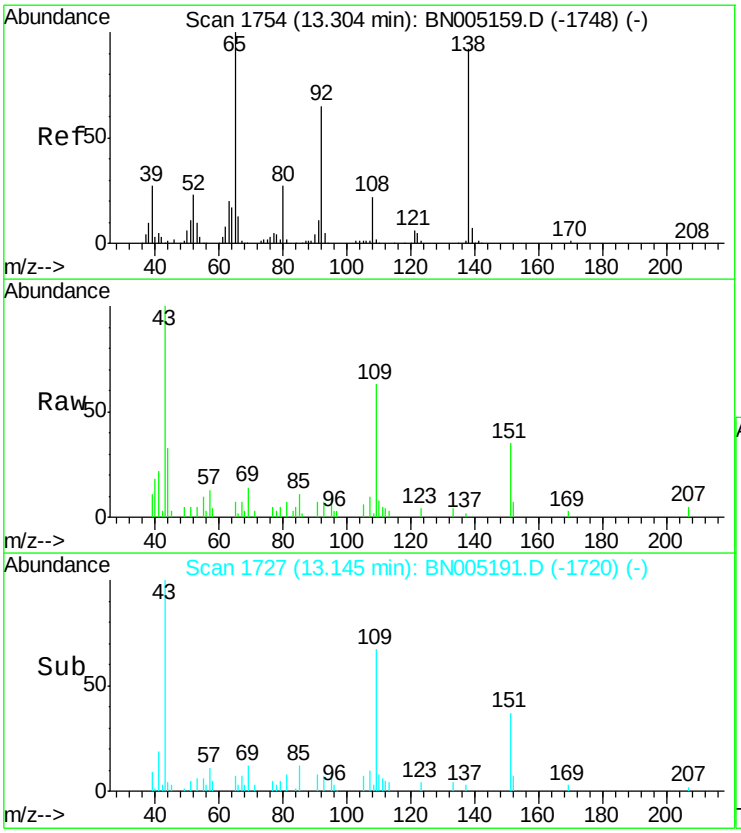
#34
2-Methylnaphthalene
Concen: 10.313 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Instrument :
BNA_N
ClientSampleId :
GAHR9

Tgt Ion:142 Resp: 11171

Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.0	108.0

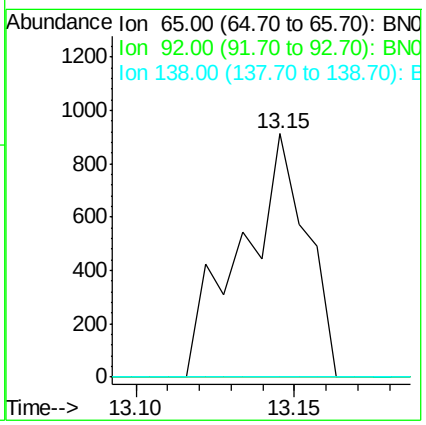


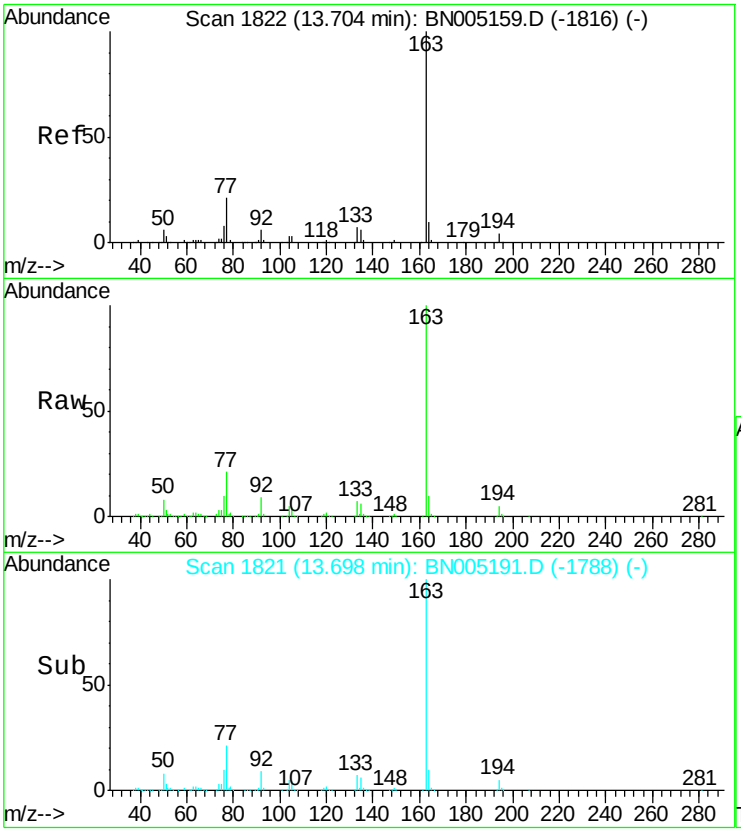


#42
2-Nitroaniline
Concen: 2.935 ng/ul
RT: 13.15 min Scan# 1727
Delta R.T. -0.16 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Tgt Ion: 65 Resp: 1305

Ion	Ratio	Lower	Upper
65	100		
92	0.0	51.6	77.4#
138	0.0	73.9	110.9#



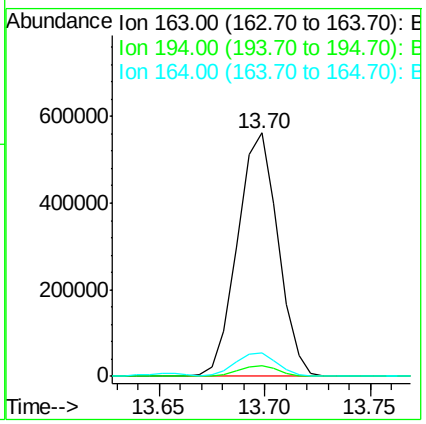


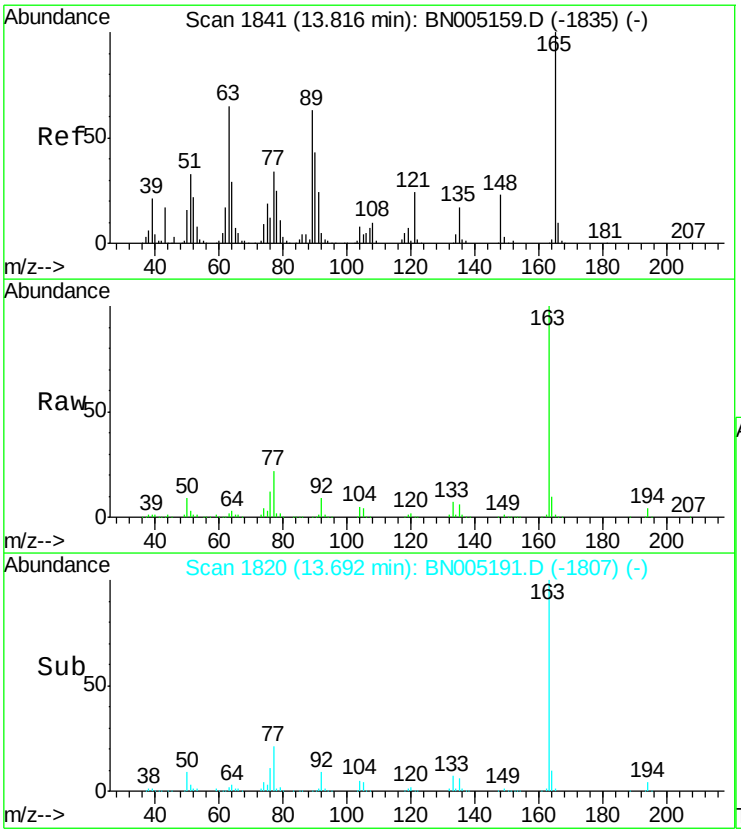
#44
Dimethylphthalate
Concen: 354.486 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Instrument :
BNA_N
ClientSampleId :
GAHR9

Tgt Ion:163 Resp: 750038

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	9.6	8.1	12.1

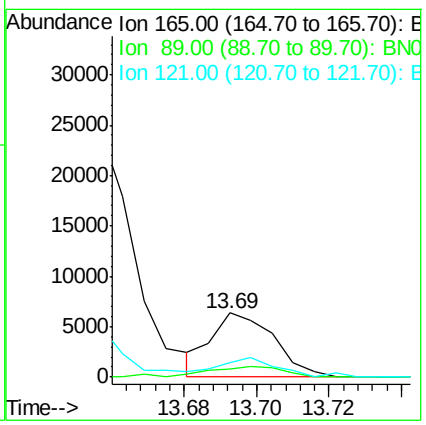


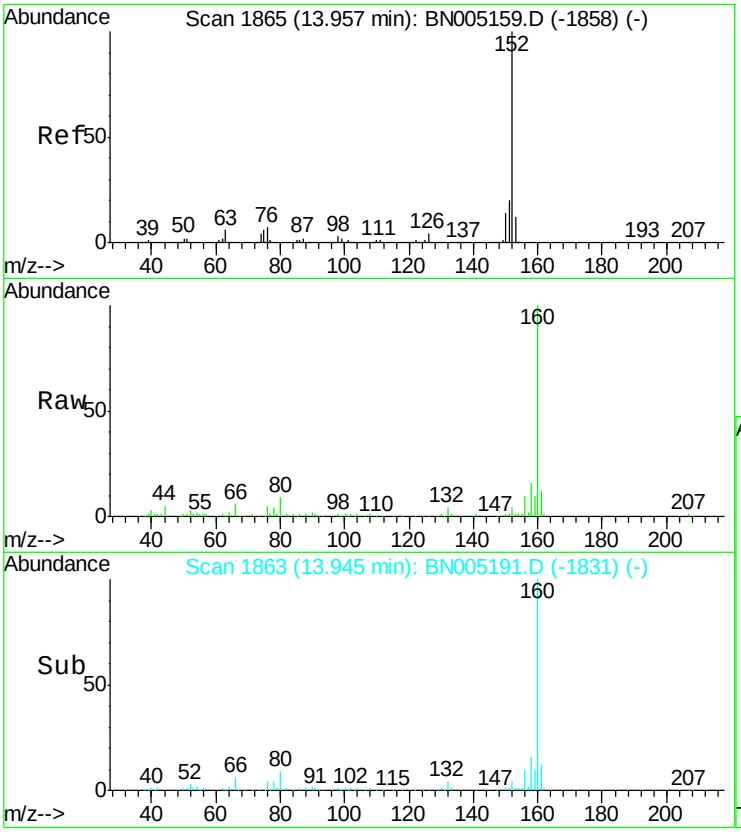


#45
2,6-Dinitrotoluene
Concen: 20.986 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. -0.12 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Tgt Ion:165 Resp: 7667

Ion	Ratio	Lower	Upper
165	100		
89	12.3	50.2	75.2#
121	21.7	19.4	29.2



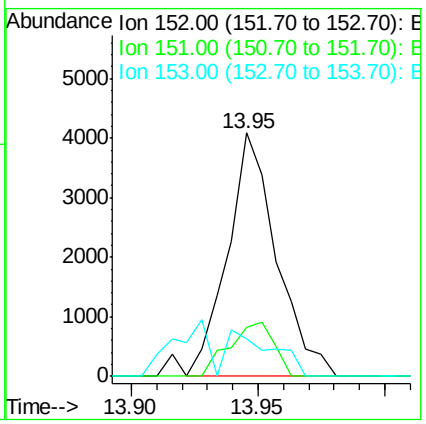


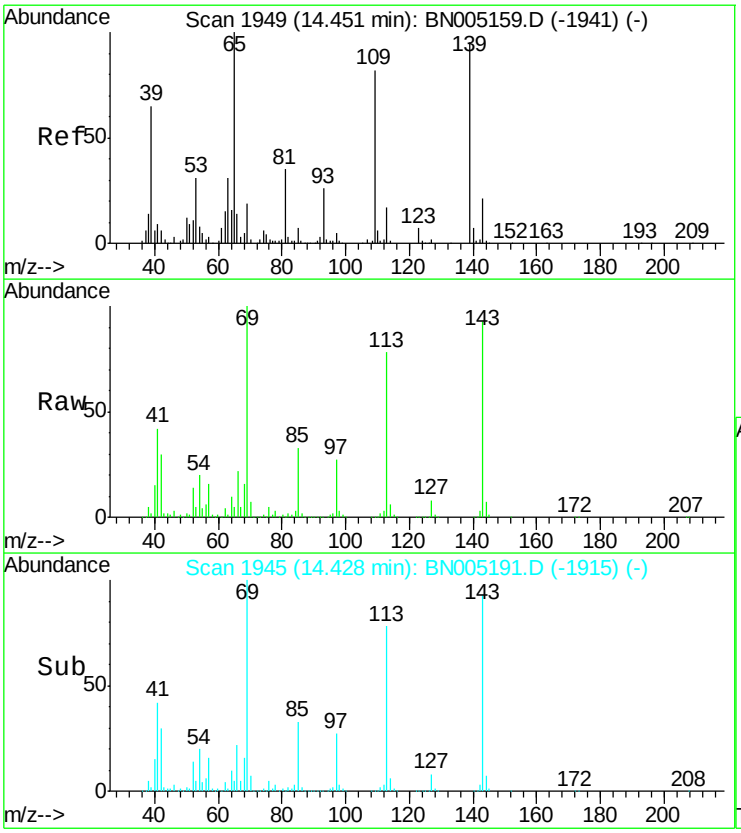
#47
Acenaphthylene
Concen: 2.140 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Instrument :
BNA_N
ClientSampleId :
GAHR9

Tgt Ion:152 Resp: 5484

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	15.4	9.8	14.8#

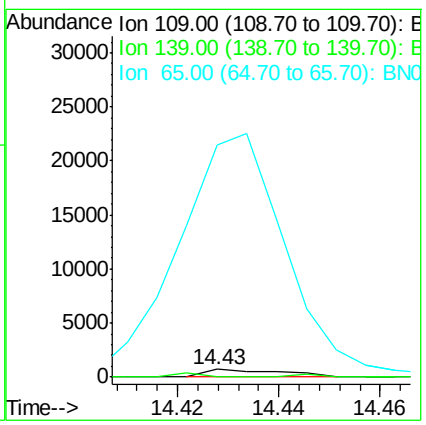


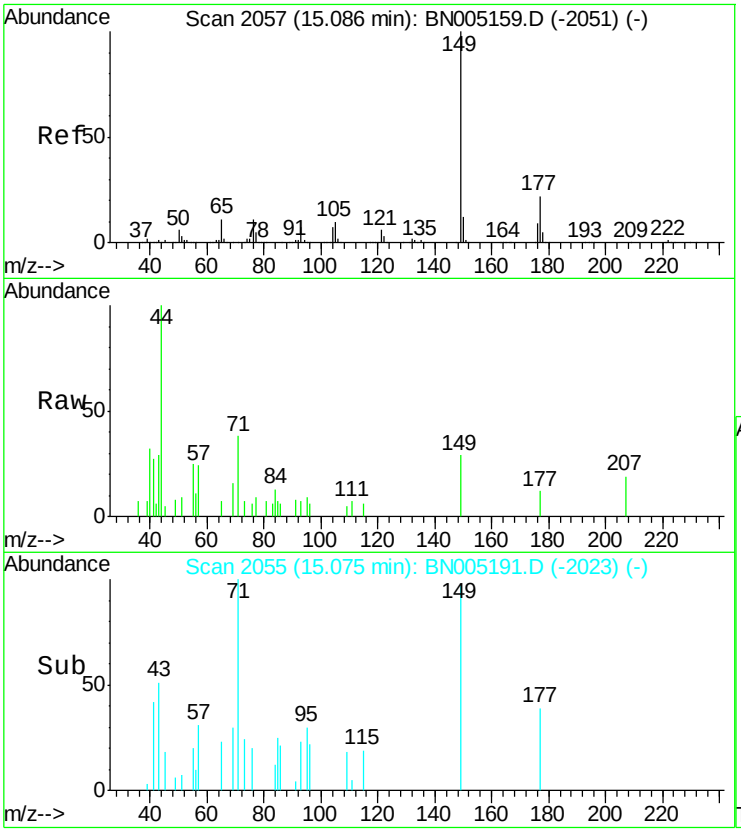


#52
4-Nitrophenol
Concen: 2.458 ng/ul
RT: 14.43 min Scan# 1945
Delta R.T. -0.02 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Tgt Ion:109 Resp: 748

Ion	Ratio	Lower	Upper
109	100		
139	0.0	92.3	138.5#
65	3072.8	97.5	146.3#



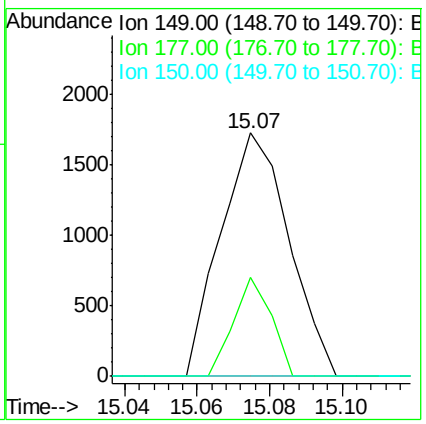


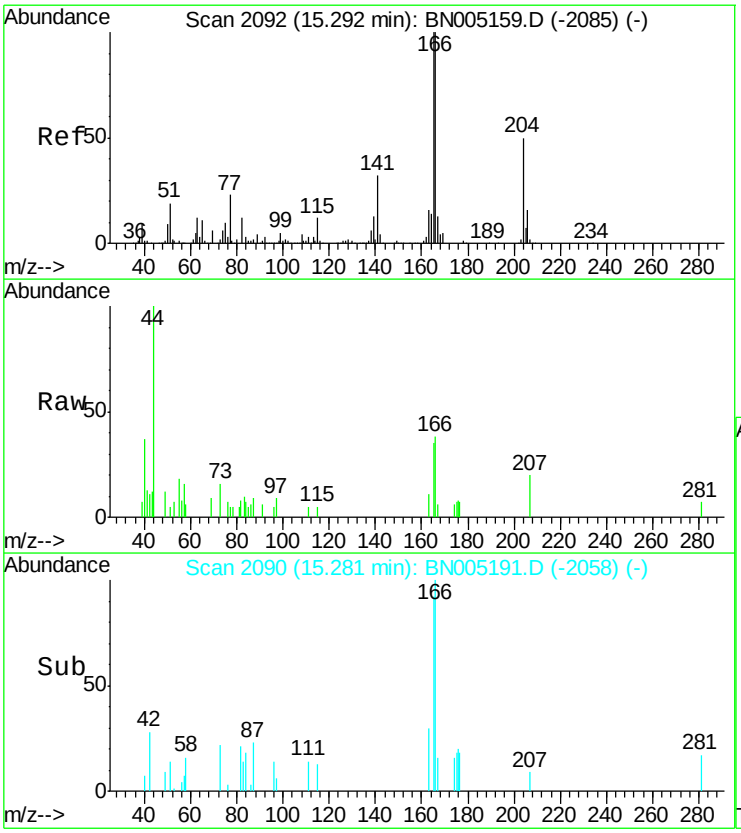
#56
Diethylphthalate
Concen: 1.067 ng/ul
RT: 15.07 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Instrument :
BNA_N
ClientSampleId :
GAHR9

Tgt Ion:149 Resp: 2263

Ion	Ratio	Lower	Upper
149	100		
177	40.4	17.7	26.5#
150	0.0	10.0	15.0#

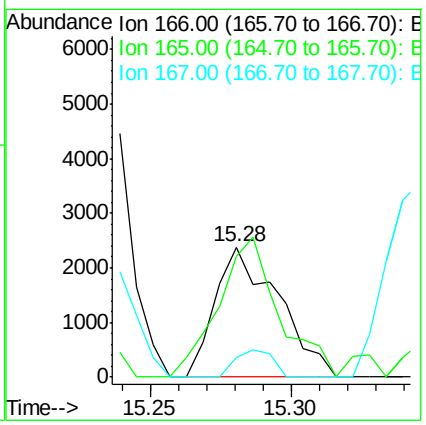


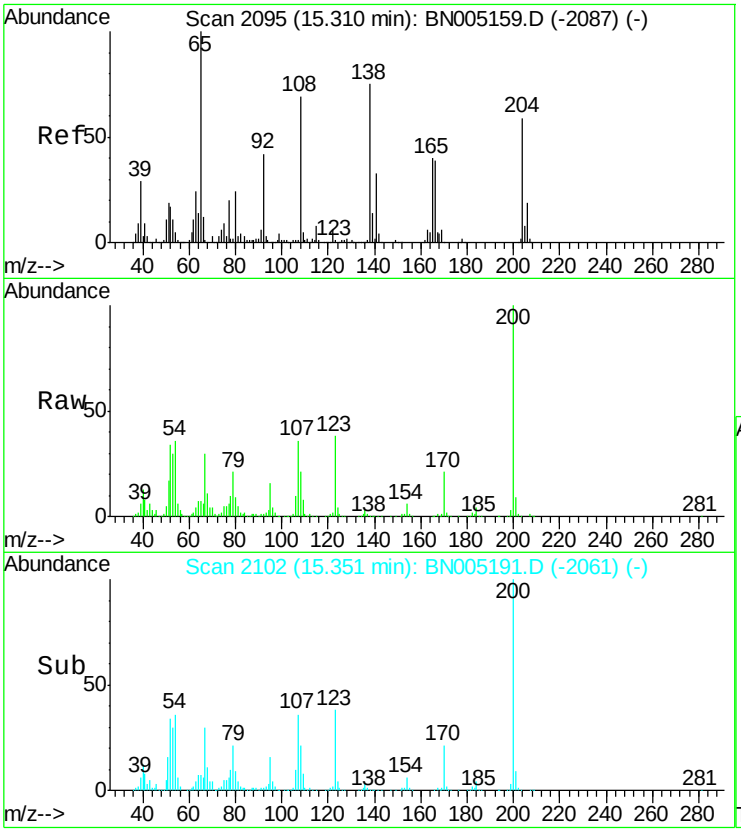


#58
Fluorene
Concen: 1.882 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Tgt Ion:166 Resp: 3700

Ion	Ratio	Lower	Upper
166	100		
165	92.5	80.0	120.0
167	15.5	10.7	16.1



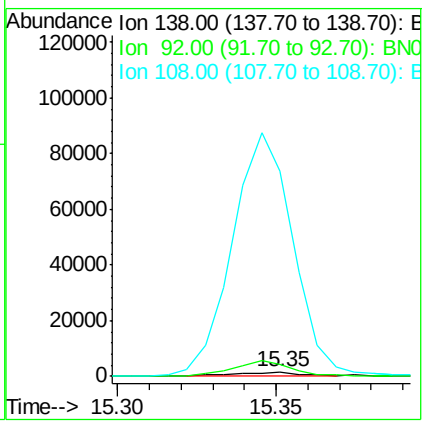


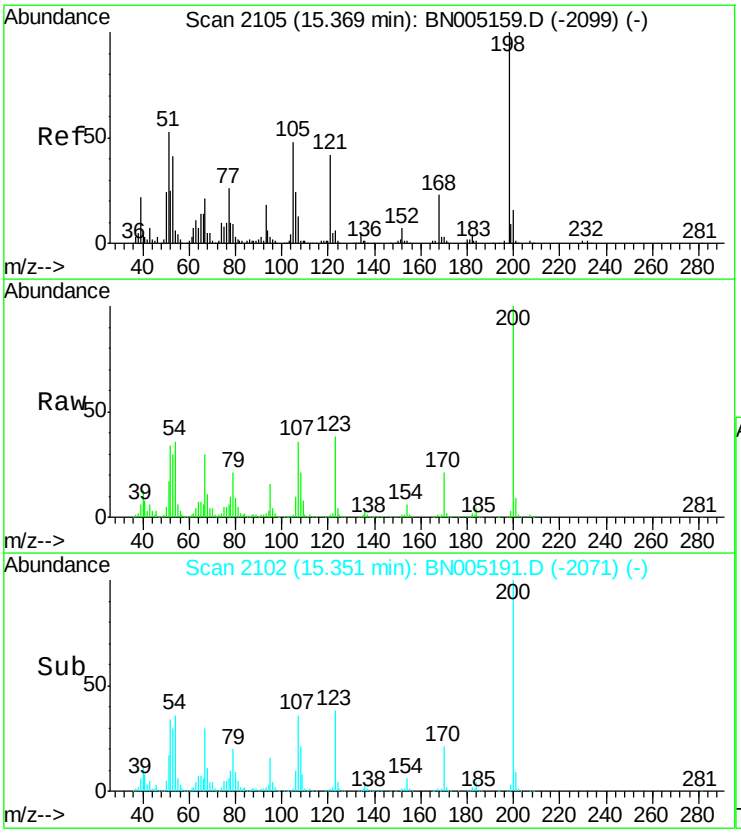
#60
4-Nitroaniline
Concen: 5.456 ng/ul
RT: 15.35 min Scan# 2102
Delta R.T. 0.04 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Instrument :
BNA_N
ClientSampleId :
GAHR9

Tgt Ion:138 Resp: 2310

Ion	Ratio	Lower	Upper
138	100		
92	265.9	45.3	67.9#
108	4615.8	73.2	109.8#

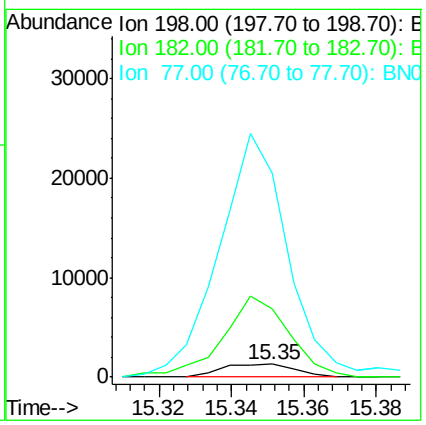


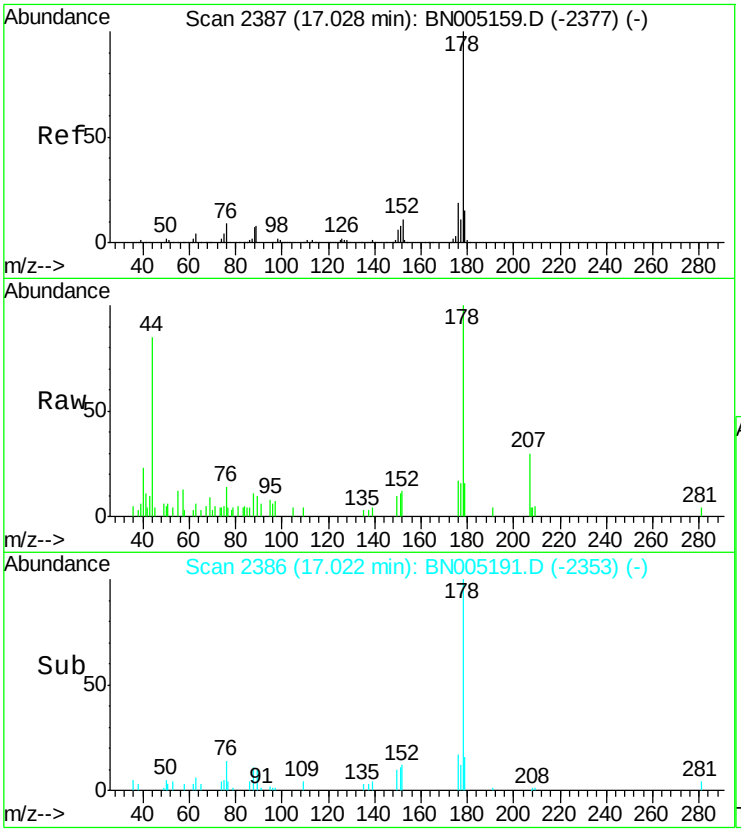


#63
4,6-Dinitro-2-methylphenol
Concen: 2.740 ng/ul
RT: 15.35 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Tgt Ion:198 Resp: 1874

Ion	Ratio	Lower	Upper
198	100		
182	527.5	3.0	4.6#
77	1561.6	21.9	32.9#



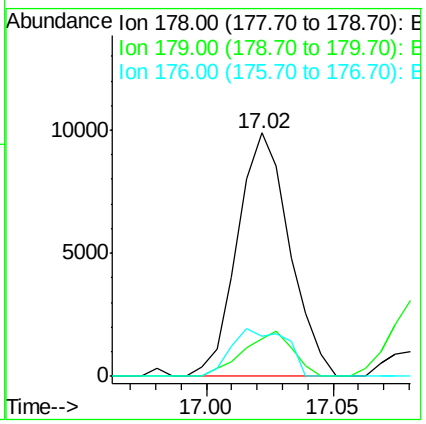


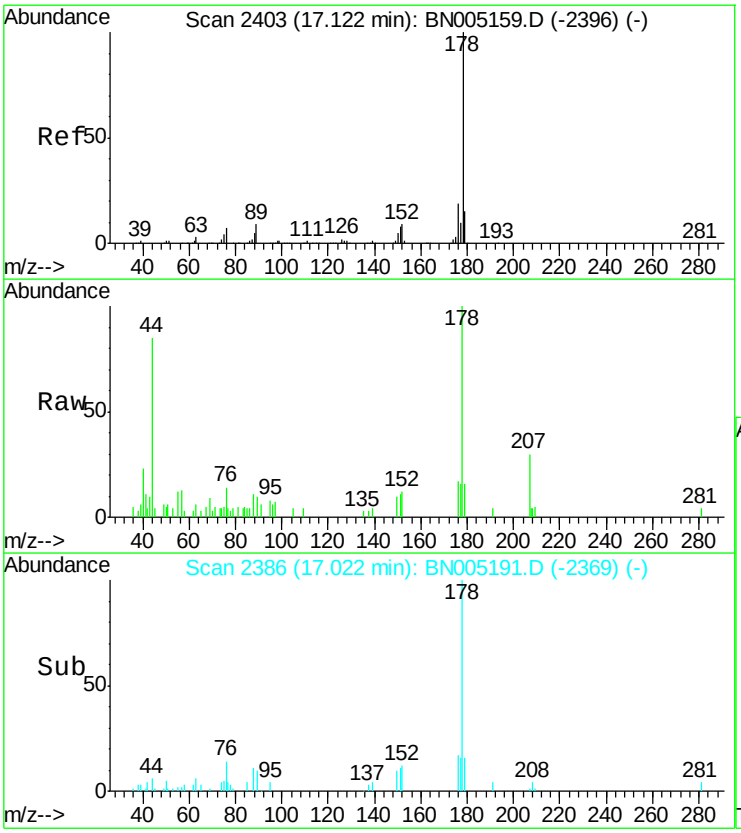
#69
Phenanthrene
Concen: 2.041 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Instrument :
BNA_N
ClientSampleId :
GAHR9

Tgt Ion:178 Resp: 14203

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	16.6	15.1	22.7

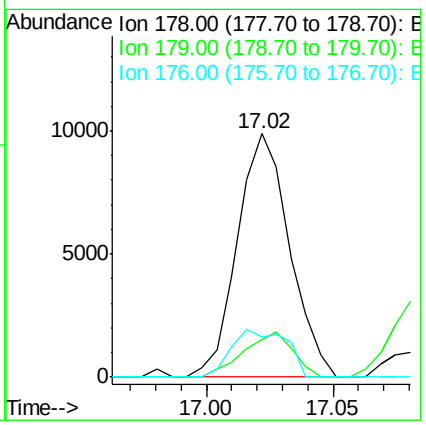


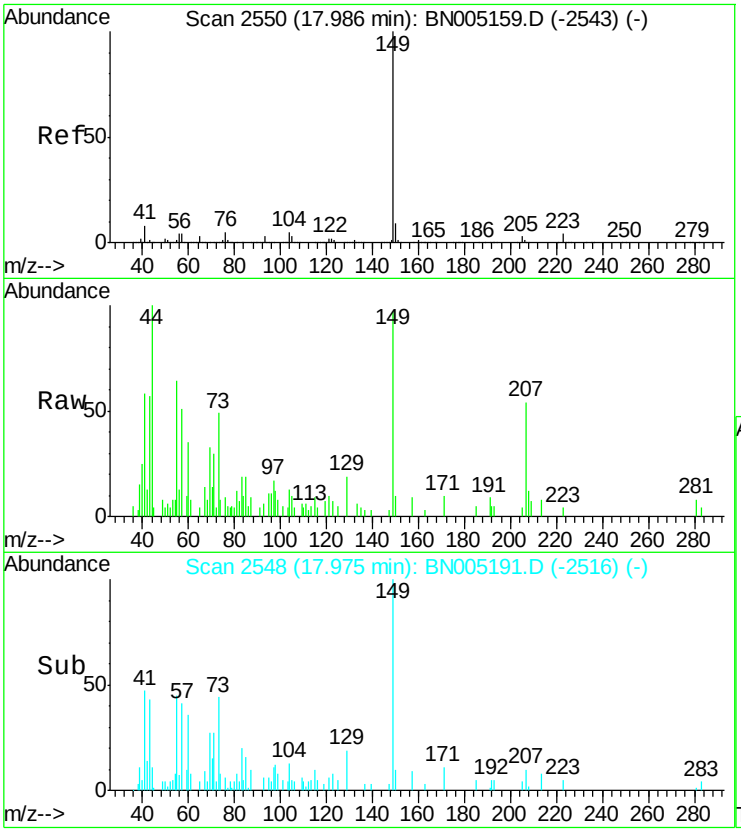


#71
Anthracene
Concen: 2.004 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.10 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Tgt Ion:178 Resp: 14203

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	16.6	15.1	22.7



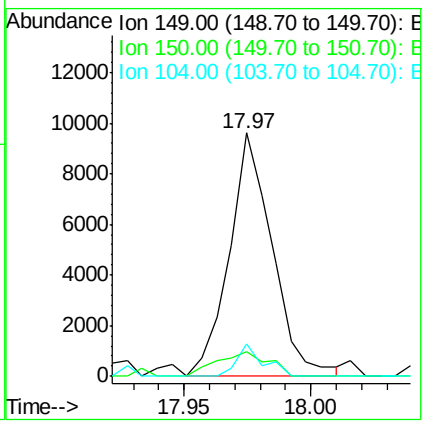


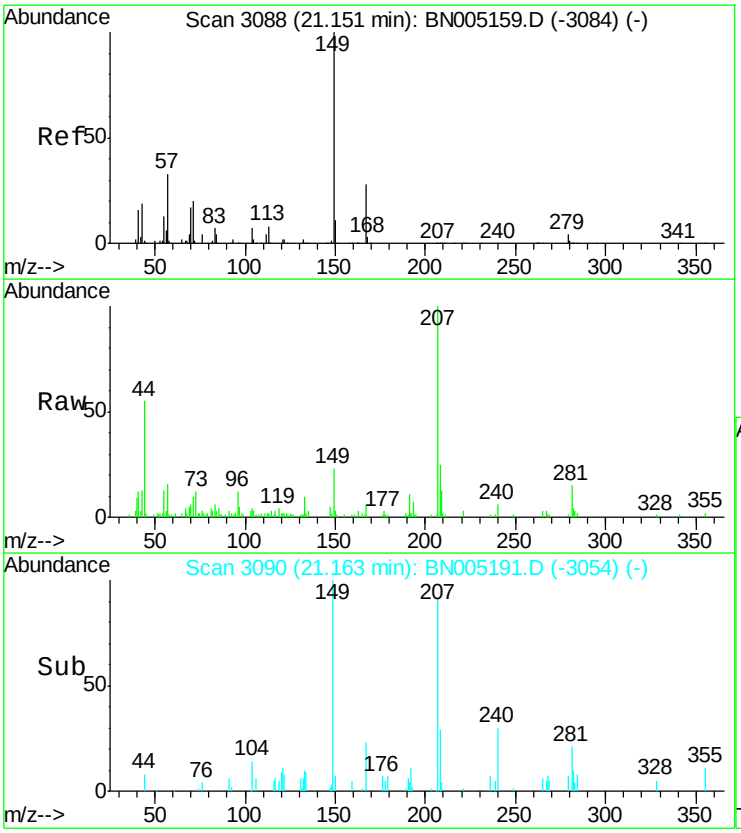
#75
Di-n-butylphthalate
Concen: 1.487 ng/ul
RT: 17.97 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Instrument :
BNA_N
ClientSampleId :
GAHR9

Tgt Ion:149 Resp: 11360

Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.3	10.9
104	13.4	4.2	6.2#





#83
Bis(2-ethylhexyl)phthalate
Concen: 1.726 ng/ul
RT: 21.16 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BN005191.D
Acq: 23 Apr 2019 01:02

Tgt Ion:149 Resp: 8384

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.3	33.5
279	6.6	3.3	4.9#