Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005189.D
Acq On : 22 Apr 2019 23:53
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

Quant Time: Apr 23 03:43:40 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	2730	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	11151	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	8754	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.98	188	24321	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	23889	20.00	ng/ul	0.00
85) Perylene-d12	23.26	264	3769484	20.00	ng/ul	-0.12
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	97803	1729.74	ng/uL	0.00
5) Phenol-d5	6.78	99	1228574	5729.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	785903	5875.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	977003	5953.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	1003358	5986.38	ng/ul	-0.01
19) Nitrobenzene-d5	8.74	128	480497	7001.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	530599	7625.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	1008610	6323.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1055529	6417.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	2964989	4665.92	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	3971099	5088.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	438193	4367.15	ng/ul	0.00
57) Fluorene-d10	15.23	176	2717213	5095.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	343463	3139.89	ng/ul	0.00
70) Anthracene-d10	17.08	188	4088557	4010.12	ng/ul	0.00
78) Pyrene-d10	19.39	212	4210321	3445.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	3750442	22.77	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	344	5.657	ng/uL#	19
4) Benzaldehyde	6.76	77	1515	9.971	ng/ul#	44
6) Phenol	6.80	94	13835	62.731	ng/ul#	61
8) Bis(2-Chloroethyl)ether	7.14	93	1762	9.978	ng/ul#	1
12) 2,2'-oxybis(1-Chloropropan	8.29	45	7839	26.438	ng/ul#	88
14) Acetophenone	8.41	105	1905	7.102	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.35	70	231	1.610	ng/ul#	44
21) Isophorone	9.45	82	48097	128.608	ng/ul#	74
28) Naphthalene	10.41	128	9644	18.604	ng/ul#	88
32) Caprolactam	11.36	113	371	7.790	ng/ul#	82
34) 2-Methylnaphthalene	12.03	142	11824	31.151	ng/ul	92
40) 1,1'-Biphenyl	13.06	154	1595	2.445	ng/ul#	65
44) Dimethylphthalate	13.70	163	580853	917.341	ng/ul	100
45) 2,6-Dinitrotoluene	13.69	165	7204	65.891	ng/ul#	49
47) Acenaphthylene	13.95	152	4735	6.173	ng/ul#	65
52) 4-Nitrophenol	14.43	109	476	5.226	ng/ul#	1
53) Dibenzofuran	14.63	168	1017	1.349	ng/ul#	36
56) Diethylphthalate	15.08	149	1778	2.800	ng/ul#	59
58) Fluorene	15.28	166	3096	5.263	ng/ul#	76
60) 4-Nitroaniline	15.34	138	1974	15.578	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.35	198	1479	12.704	ng/ul#	1
68) Pentachlorophenol	16.63	266	258	1.689	ng/ul#	18
69) Phenanthrene	17.12	178	3329	2.811	ng/ul	95

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Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

Quant Time: Apr 23 03:43:40 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	17.12	178	3329	2.759	ng/ul	95
75) Di-n-butylphthalate	17.97	149	8294	6.377	ng/ul#	88
76) Fluoranthene	19.06	202	8490	6.462	ng/ul#	93
79) Pyrene	19.42	202	14948	9.718	ng/ul#	93
80) Butylbenzylphthalate	20.37	149	666	1.094	ng/ul#	63
82) Benzo(a)anthracene	21.24	228	5509	3.707	ng/ul	92
83) Bis(2-ethylhexyl)phthalate	21.16	149	8161	8.703	ng/ul#	98
84) Chrysene	21.24	228	5509	3.994	ng/ul#	96

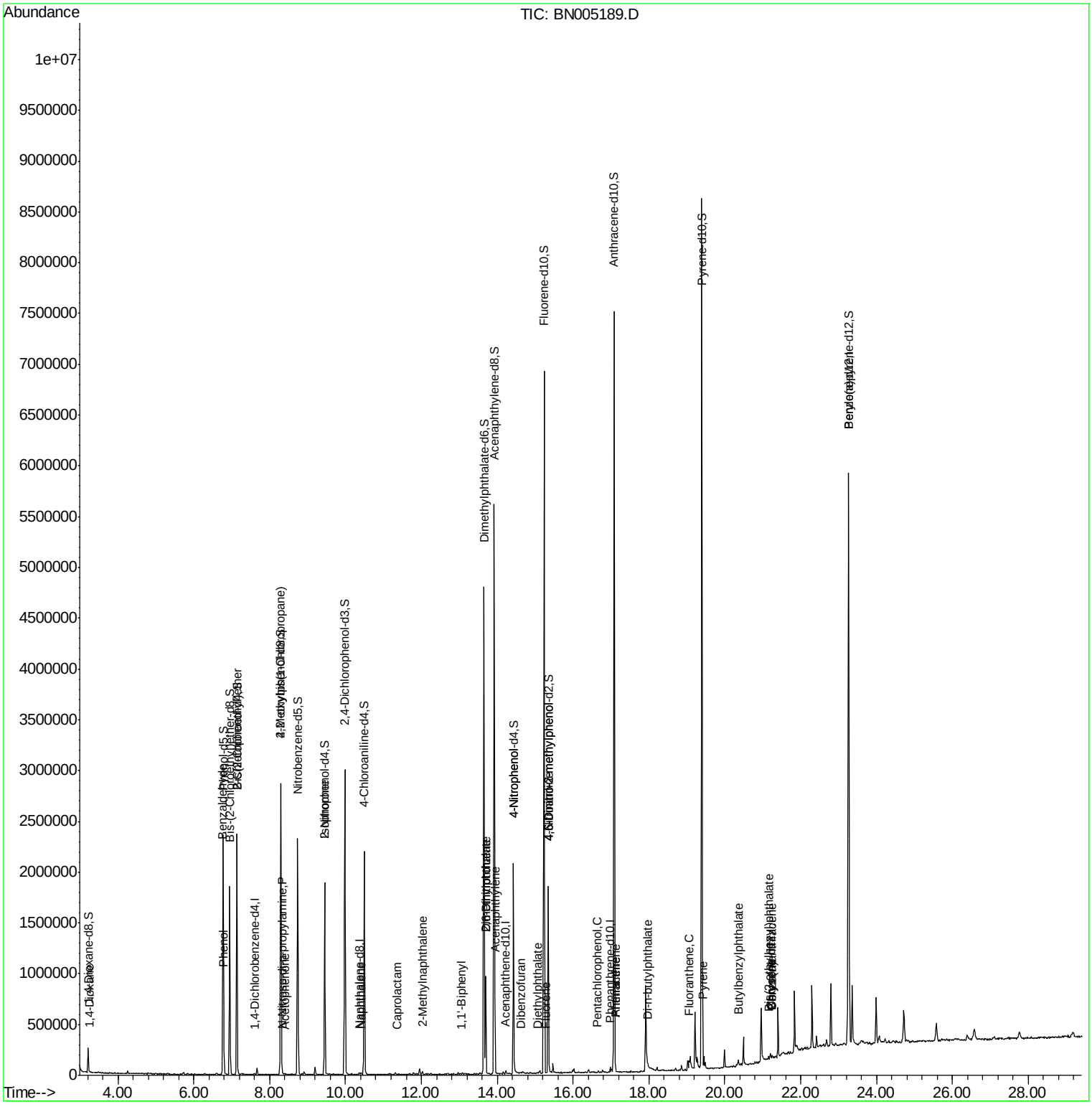
(#) = qualifier out of range (m) = manual integration (+) = signals summed

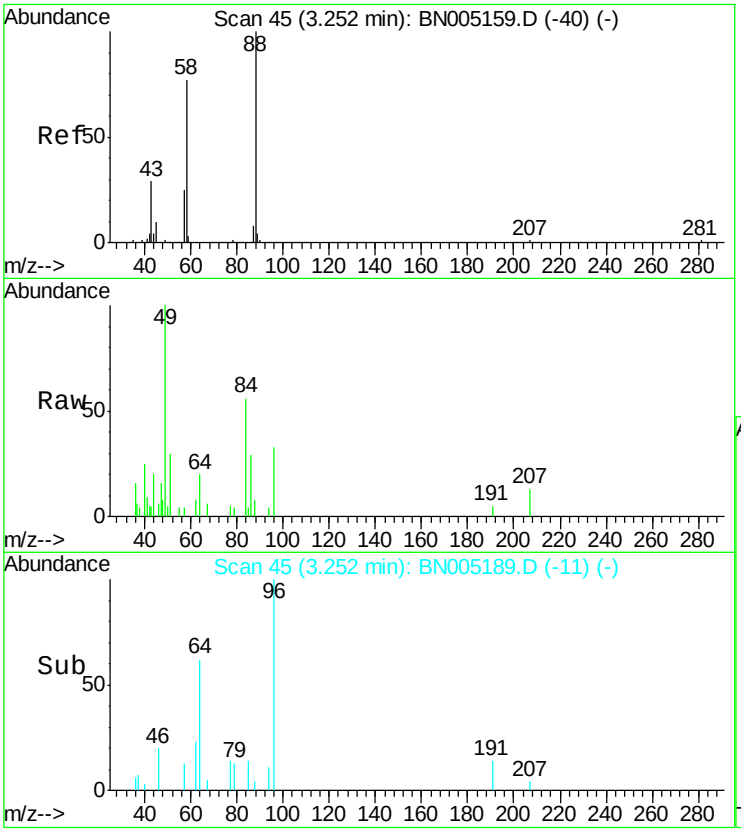
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005189.D
Acq On : 22 Apr 2019 23:53
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHR2

Quant Time: Apr 23 03:43:40 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



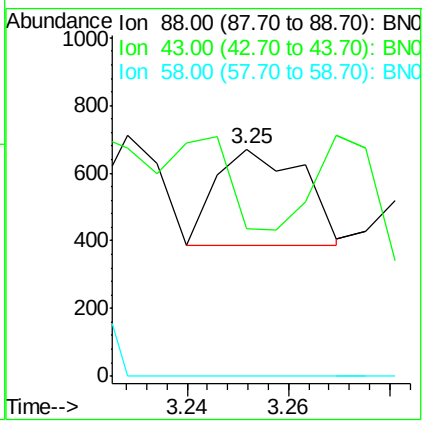


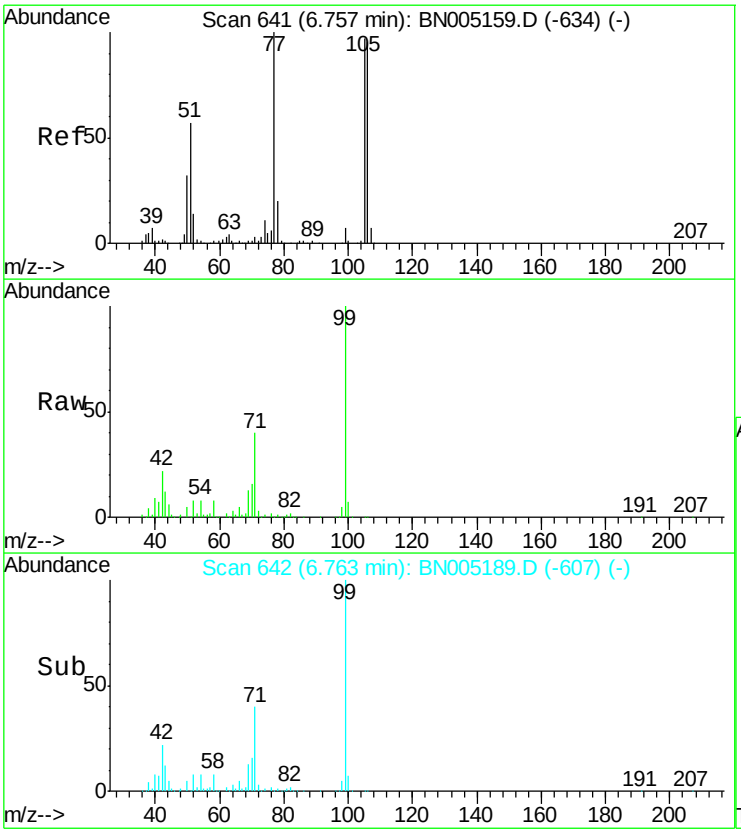
#2
1,4-Dioxane
Concen: 5.657 ng/uL
RT: 3.25 min Scan# 45
Delta R.T. 0.00 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Instrument :
BNA_N
ClientSampleId :
GAHR2

Tgt Ion: 88 Resp: 344

Ion	Ratio	Lower	Upper
88	100		
43	64.7	25.3	37.9#
58	0.0	62.3	93.5#

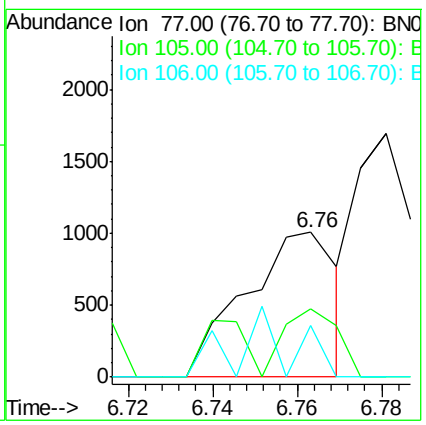


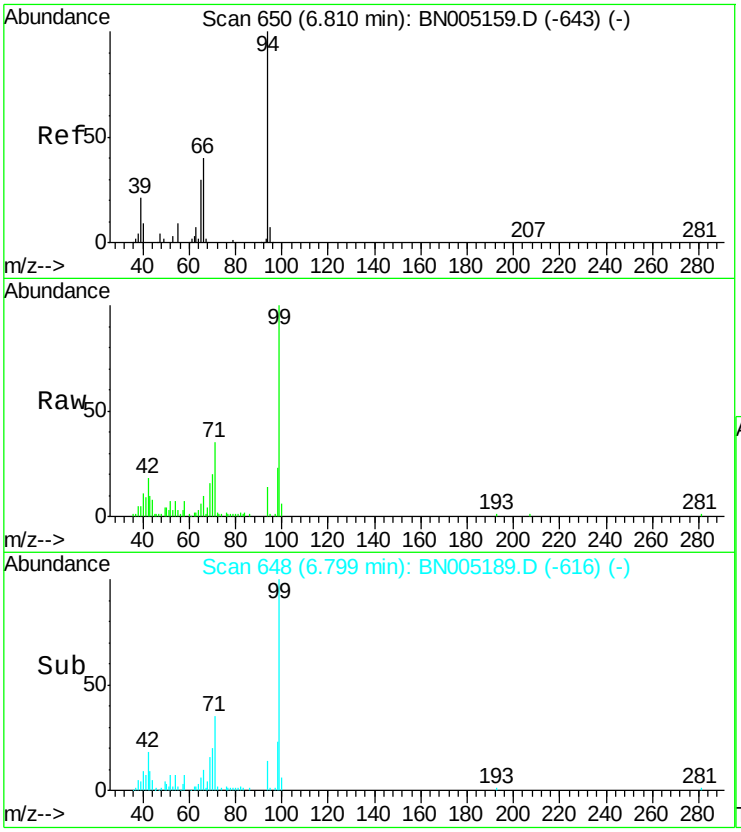


#4
Benzaldehyde
Concen: 9.971 ng/ul
RT: 6.76 min Scan# 642
Delta R.T. 0.01 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Tgt Ion: 77 Resp: 1515

Ion	Ratio	Lower	Upper
77	100		
105	46.9	77.4	116.2#
106	36.1	76.3	114.5#



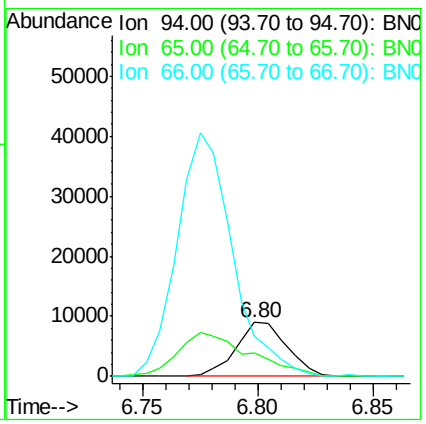


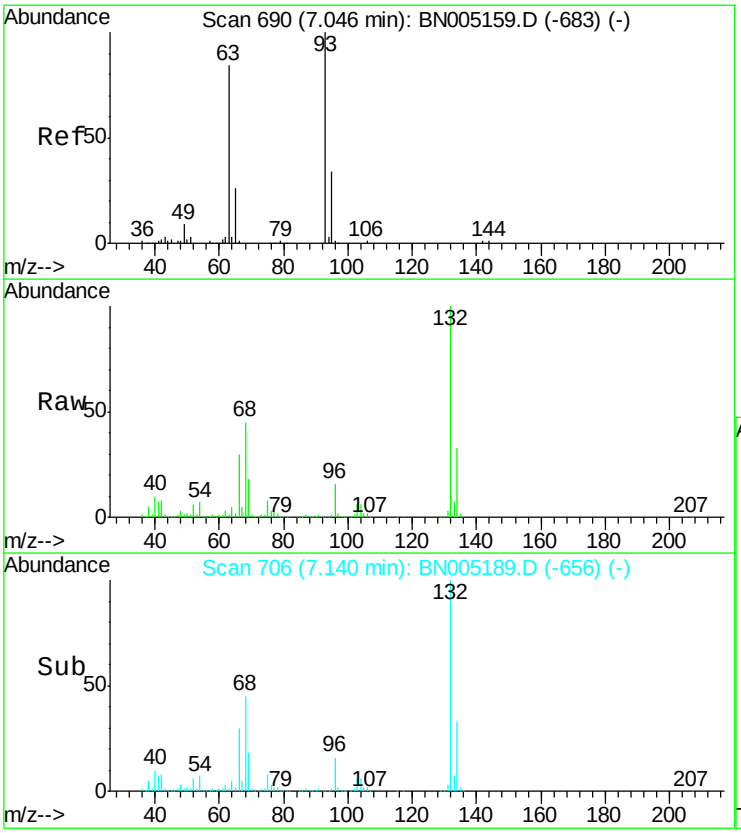
#6
Phenol
Concen: 62.731 ng/ul
RT: 6.80 min Scan# 648
Delta R.T. -0.01 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Instrument :
BNA_N
ClientSampleId :
GAHR2

Tgt Ion: 94 Resp: 13835

Ion	Ratio	Lower	Upper
94	100		
65	43.7	24.2	36.4#
66	73.8	33.8	50.6#

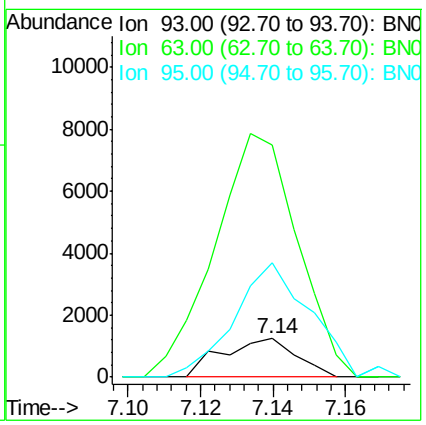


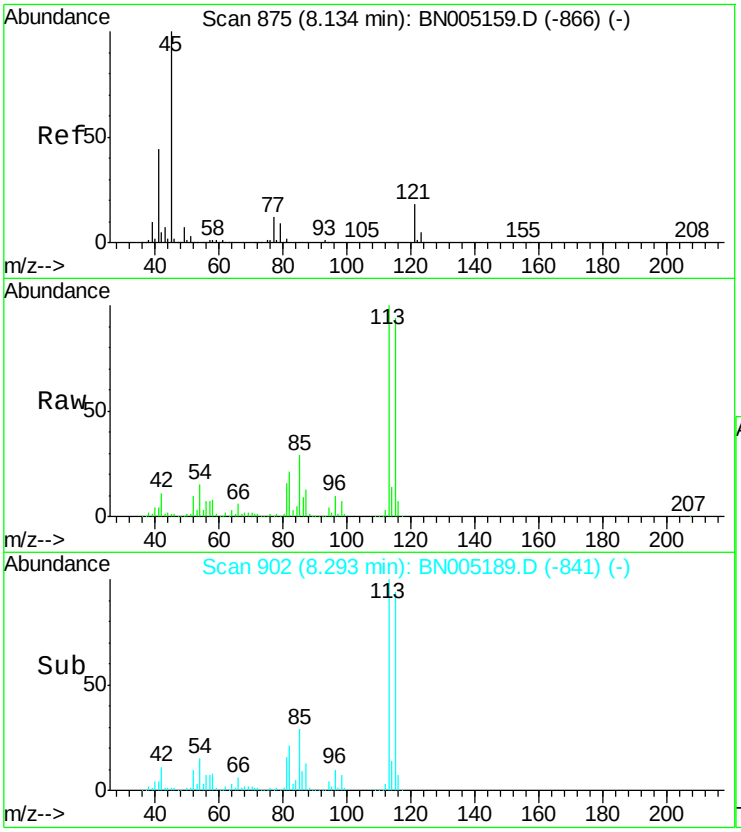


#8
Bis(2-Chloroethyl)ether
Concen: 9.978 ng/ul
RT: 7.14 min Scan# 706
Delta R.T. 0.09 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Tgt Ion: 93 Resp: 1762

Ion	Ratio	Lower	Upper
93	100		
63	600.2	67.1	100.7#
95	295.3	26.9	40.3#



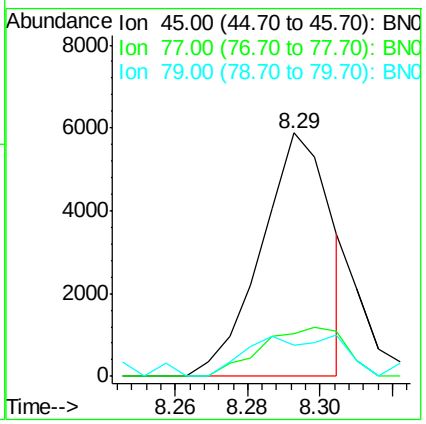


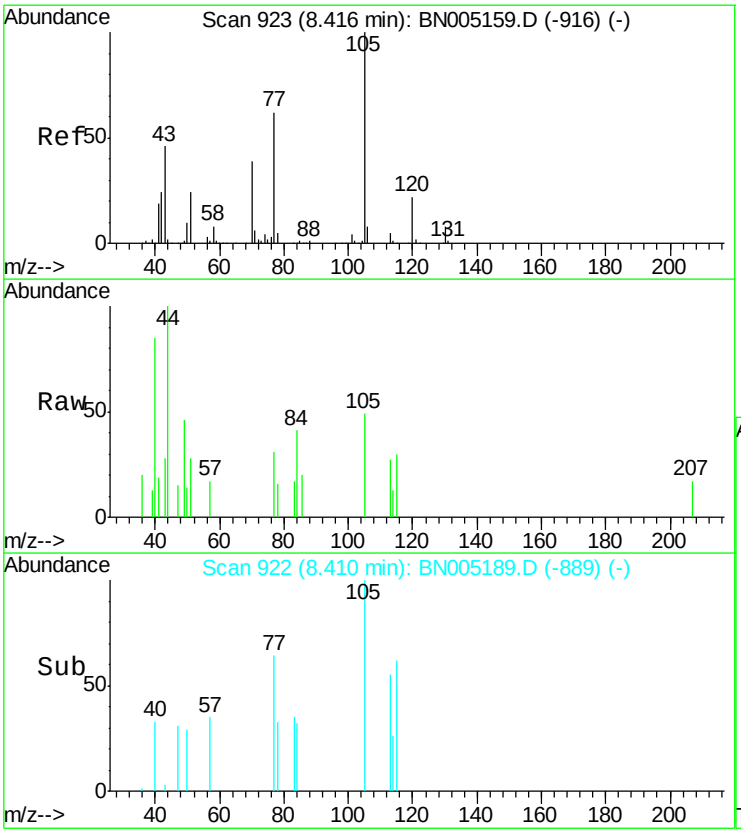
#12
2,2'-oxybis(1-Chloropropane)
Concen: 26.438 ng/ul
RT: 8.29 min Scan# 902
Delta R.T. 0.16 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Instrument :
BNA_N
ClientSampleId :
GAHR2

Tgt Ion: 45 Resp: 7839

Ion	Ratio	Lower	Upper
45	100		
77	17.3	9.8	14.6#
79	12.8	7.4	11.0#

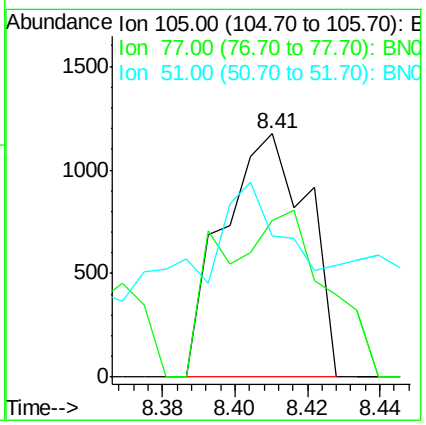


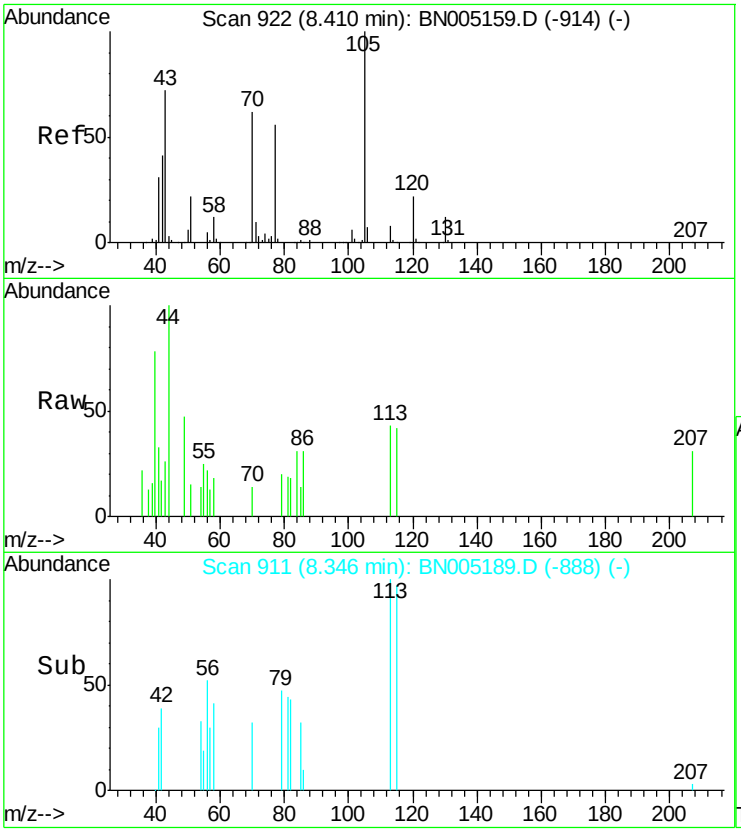


#14
Acetophenone
Concen: 7.102 ng/ul
RT: 8.41 min Scan# 922
Delta R.T. -0.01 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Tgt Ion:105 Resp: 1905

Ion	Ratio	Lower	Upper
105	100		
77	64.5	63.4	95.0
51	58.0	24.2	36.4#



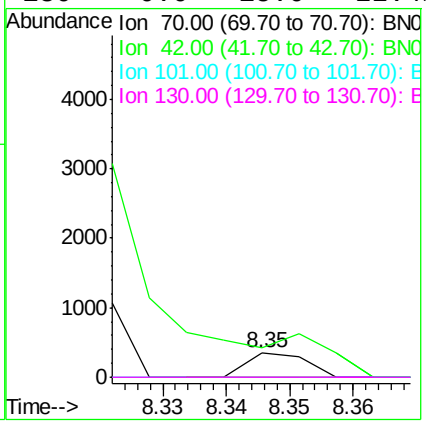


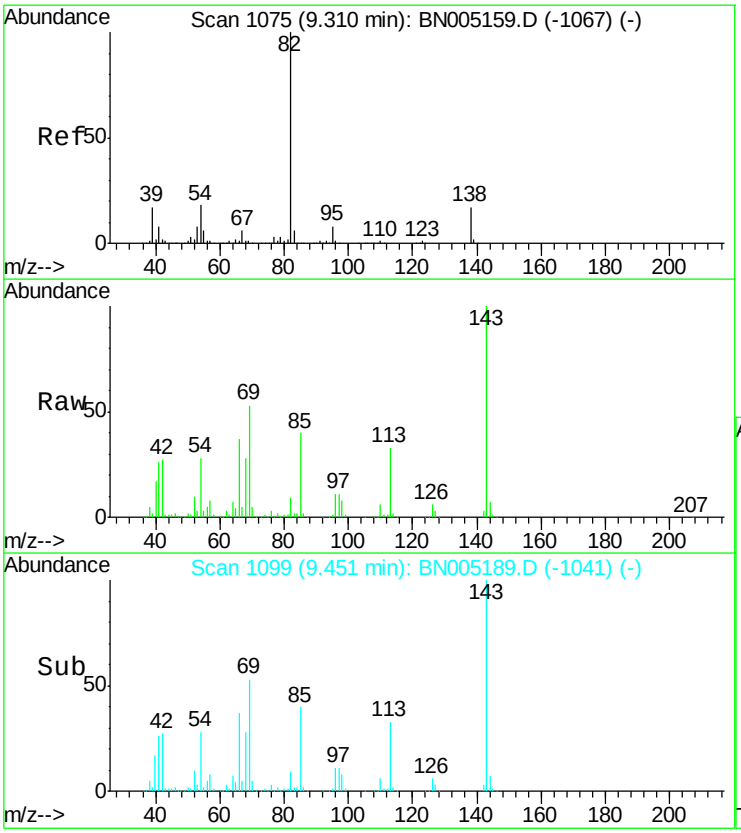
#15
N-Nitroso-di-n-propylamine
Concen: 1.610 ng/ul
RT: 8.35 min Scan# 911
Delta R.T. -0.06 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Instrument :
BNA_N
ClientSampleId :
GAHR2

Tgt Ion: 70 Resp: 231

Ion	Ratio	Lower	Upper
70	100		
42	119.0	53.8	80.8#
101	0.0	7.7	11.5#
130	0.0	15.0	22.4#

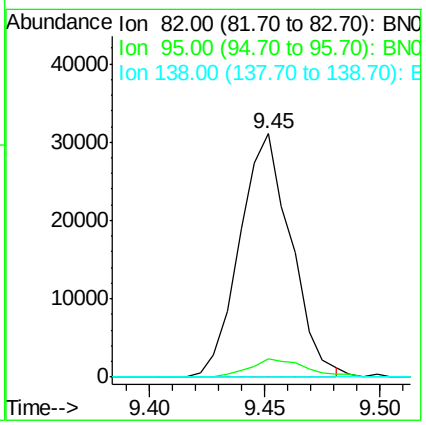


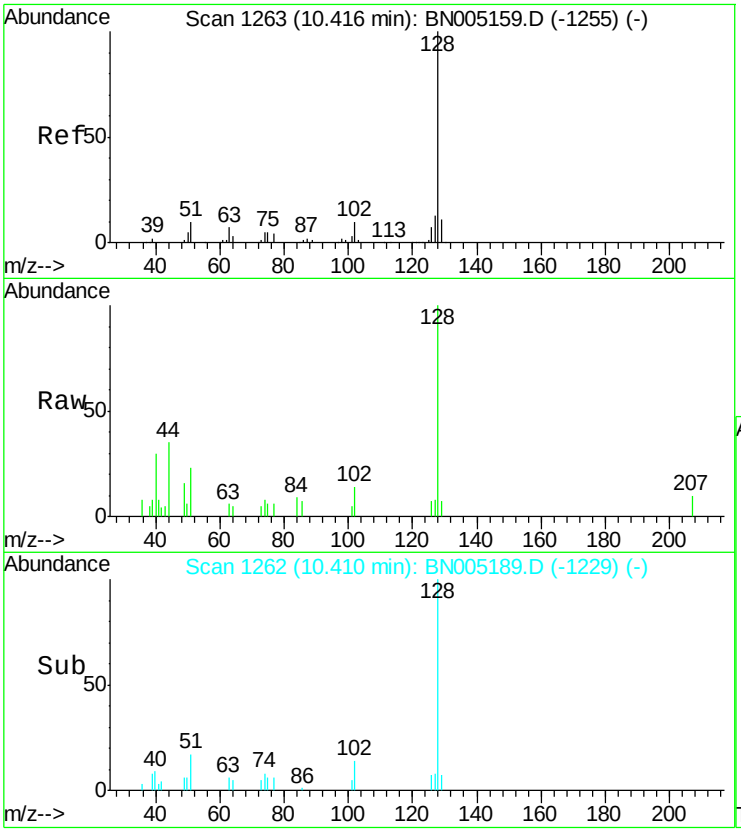


#21
Isophorone
Concen: 128.608 ng/ul
RT: 9.45 min Scan# 1099
Delta R.T. 0.14 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Tgt Ion: 82 Resp: 48097

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



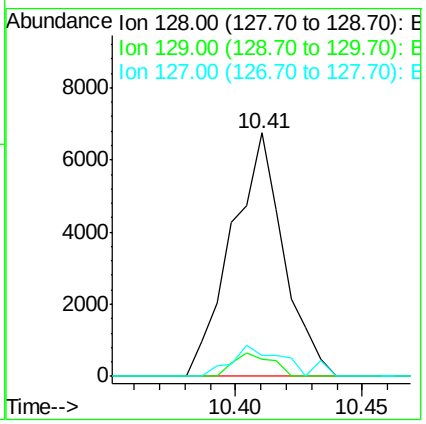


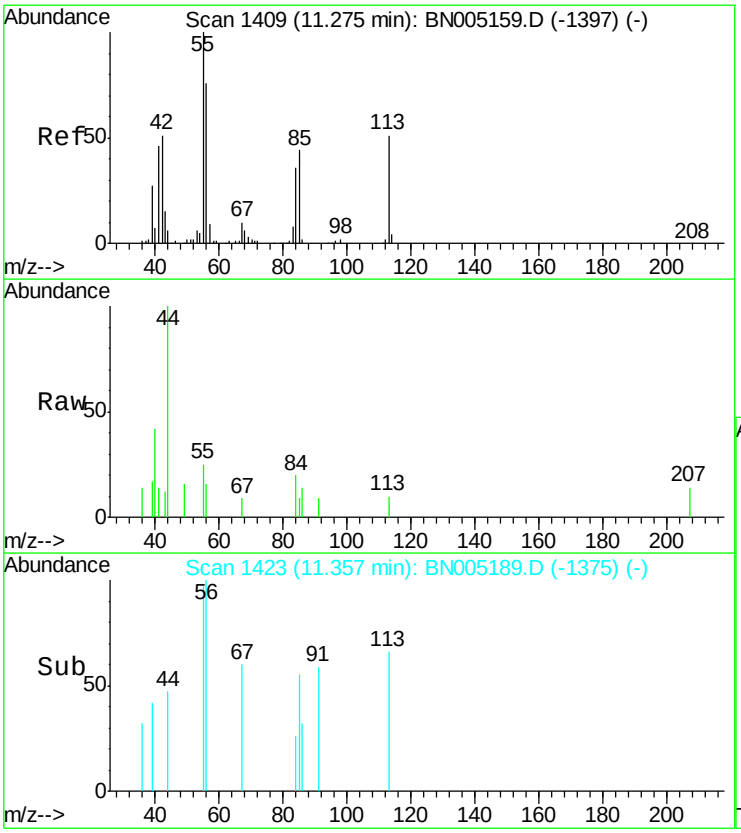
#28
Naphthalene
Concen: 18.604 ng/ul
RT: 10.41 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Instrument :
BNA_N
ClientSampleId :
GAHR2

Tgt Ion:128 Resp: 9644

Ion	Ratio	Lower	Upper
128	100		
129	7.2	9.2	13.8#
127	8.3	10.7	16.1#

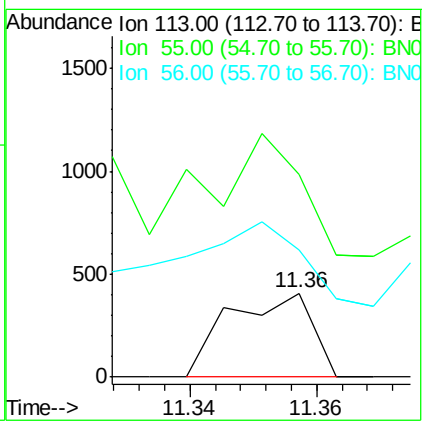


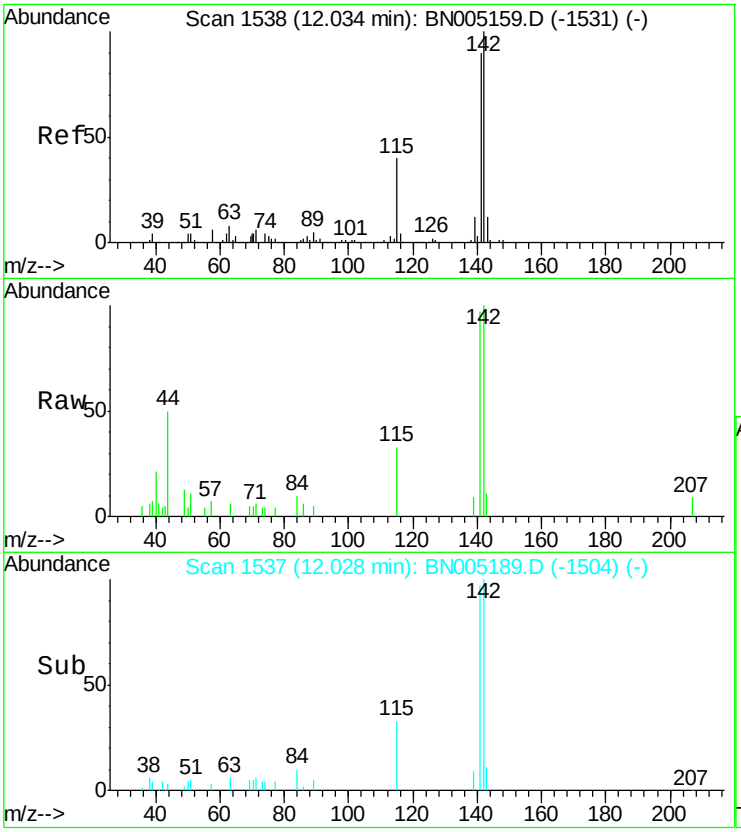


#32
Caprolactam
Concen: 7.790 ng/ul
RT: 11.36 min Scan# 1423
Delta R.T. 0.08 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Tgt Ion:113 Resp: 371

Ion	Ratio	Lower	Upper
113	100		
55	241.5	157.0	235.4#
56	151.8	119.1	178.7



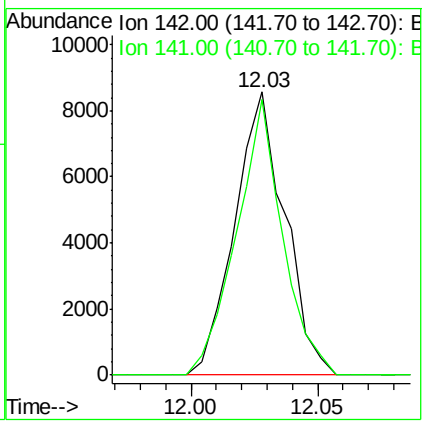


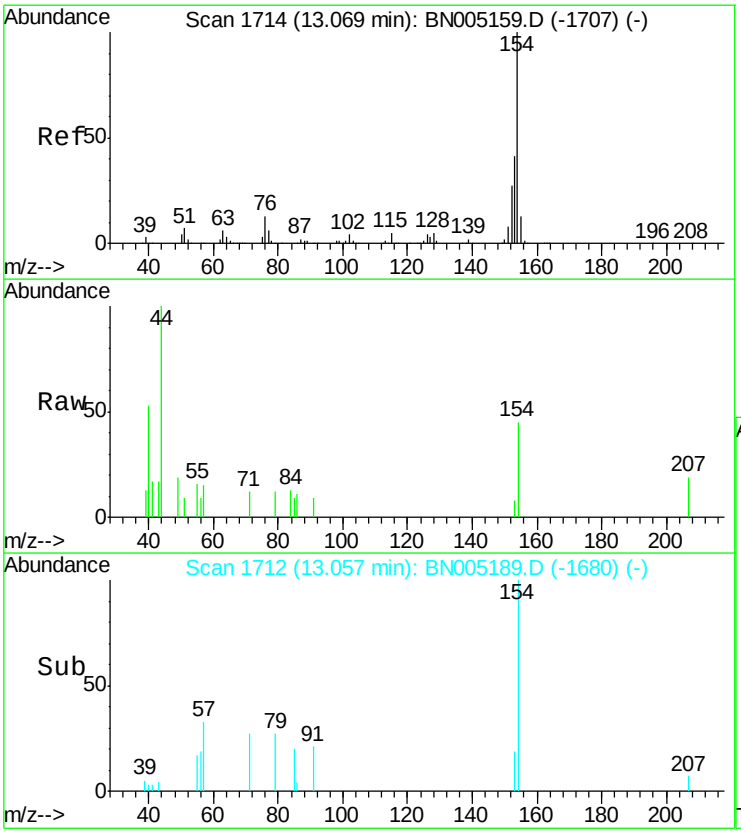
#34
2-Methylnaphthalene
Concen: 31.151 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Instrument :
BNA_N
ClientSampleId :
GAHR2

Tgt Ion:142 Resp: 11824

Ion	Ratio	Lower	Upper
142	100		
141	97.3	72.0	108.0

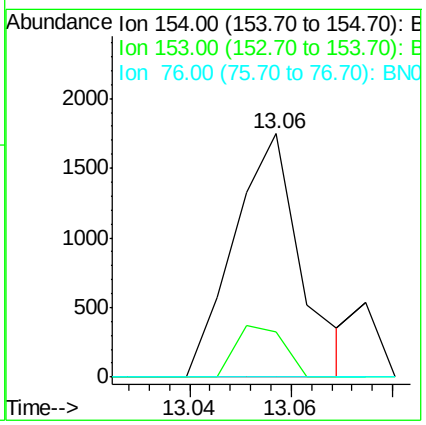


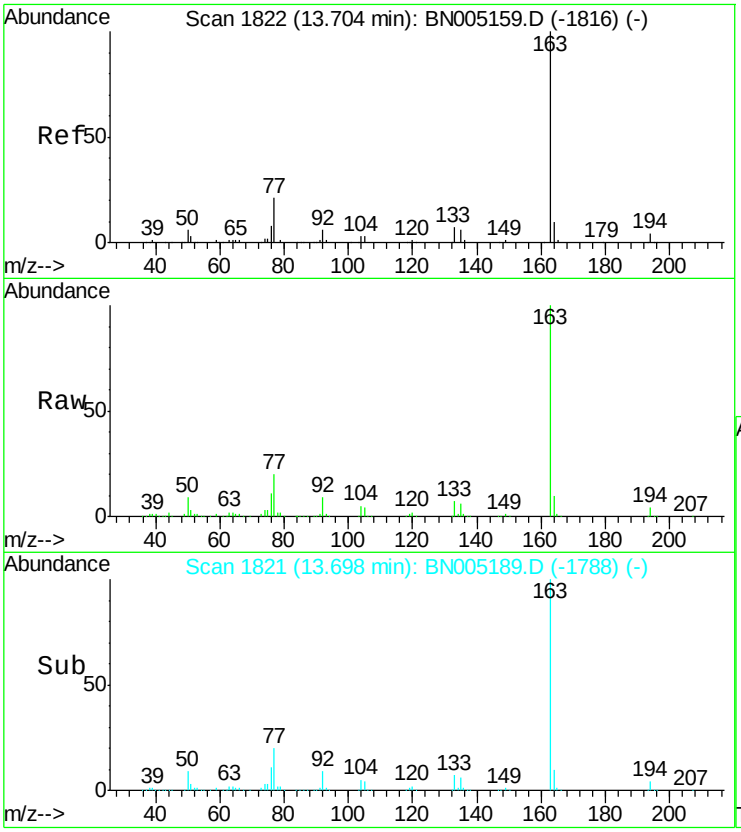


#40
1,1'-Biphenyl
Concen: 2.445 ng/ul
RT: 13.06 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Tgt Ion:154 Resp: 1595

Ion	Ratio	Lower	Upper
154	100		
153	18.6	32.6	49.0#
76	0.0	10.4	15.6#



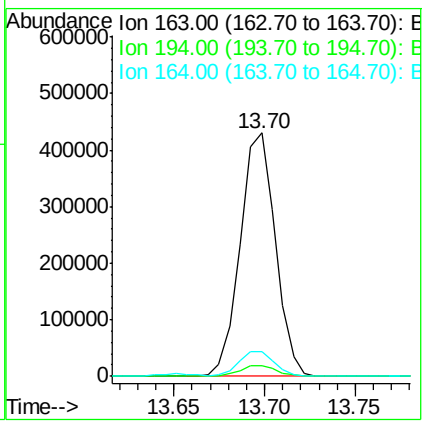


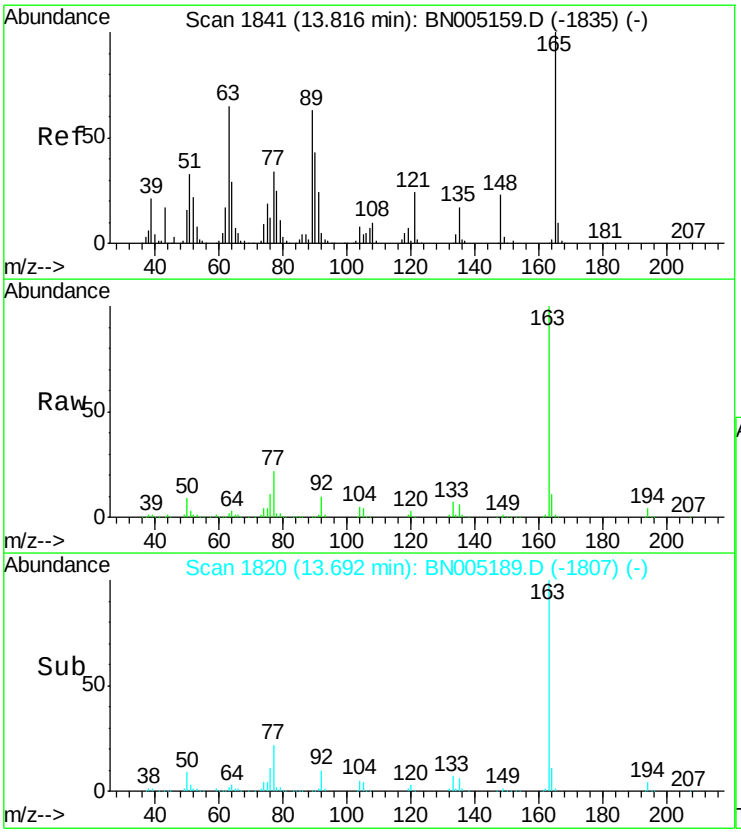
#44
Dimethylphthalate
Concen: 917.341 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Instrument :
BNA_N
ClientSampleId :
GAHR2

Tgt Ion:163 Resp: 580853

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.3	8.1	12.1

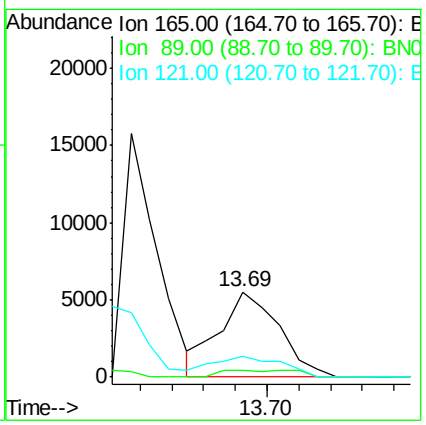


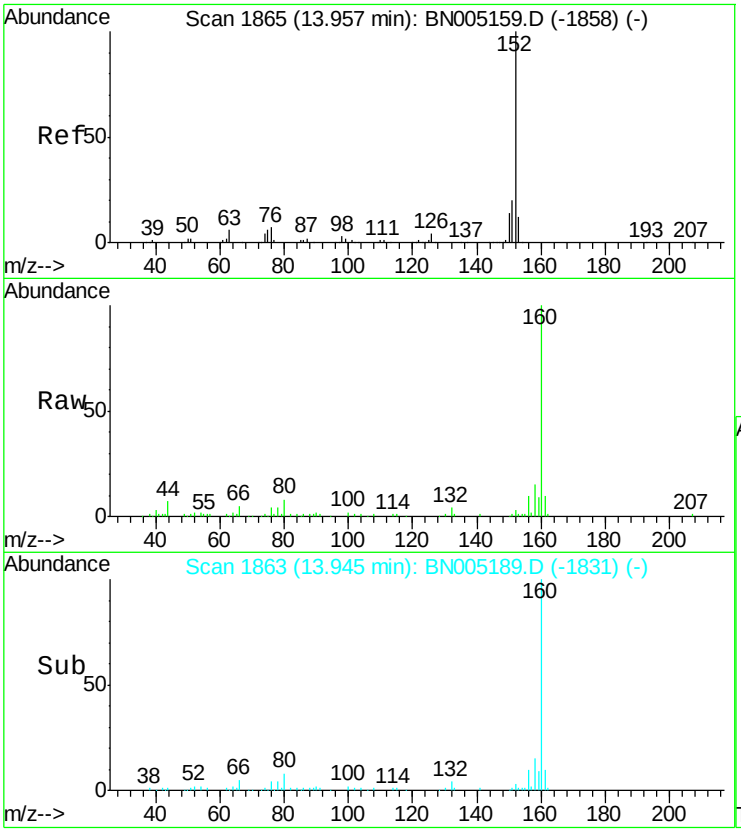


#45
2,6-Dinitrotoluene
Concen: 65.891 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. -0.12 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Tgt Ion:165 Resp: 7204

Ion	Ratio	Lower	Upper
165	100		
89	8.4	50.2	75.2#
121	24.2	19.4	29.2



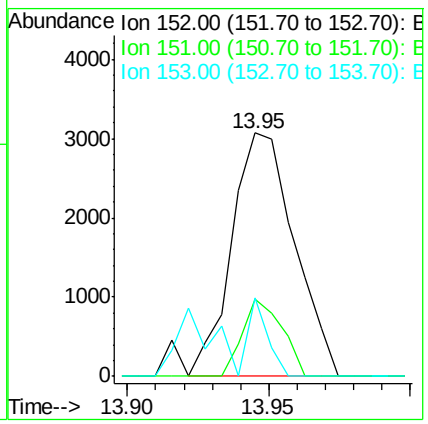


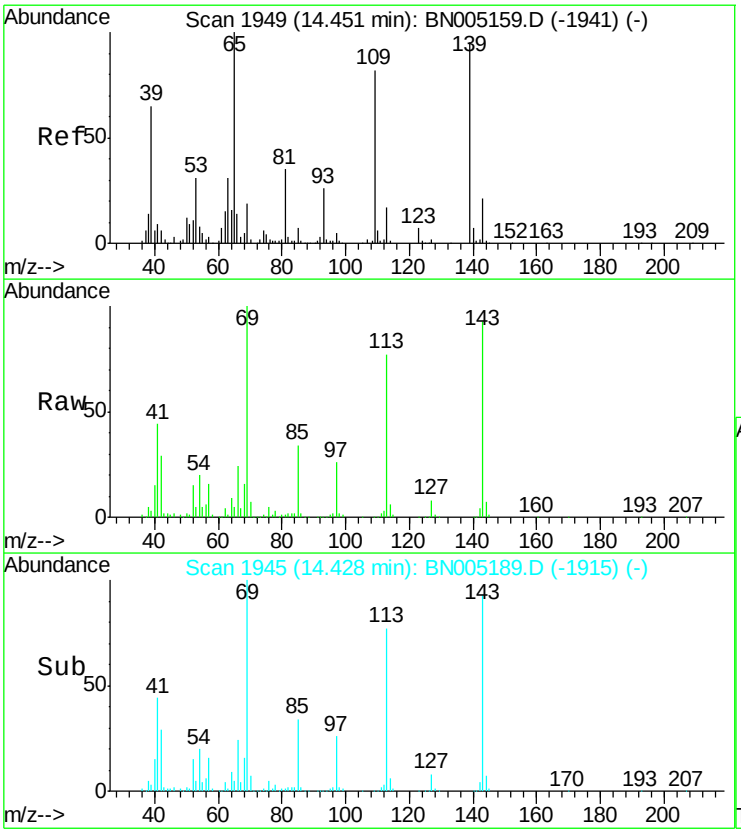
#47
Acenaphthylene
Concen: 6.173 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Instrument :
BNA_N
ClientSampleId :
GAHR2

Tgt Ion:152 Resp: 4735

Ion	Ratio	Lower	Upper
152	100		
151	31.5	15.8	23.8#
153	32.3	9.8	14.8#

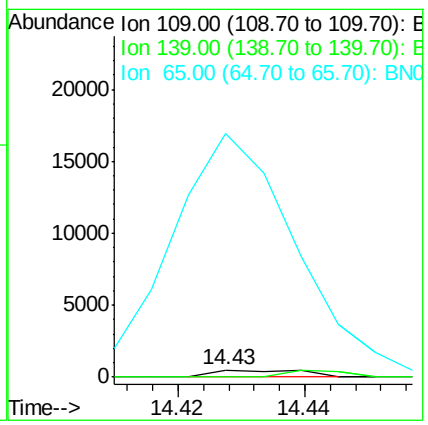


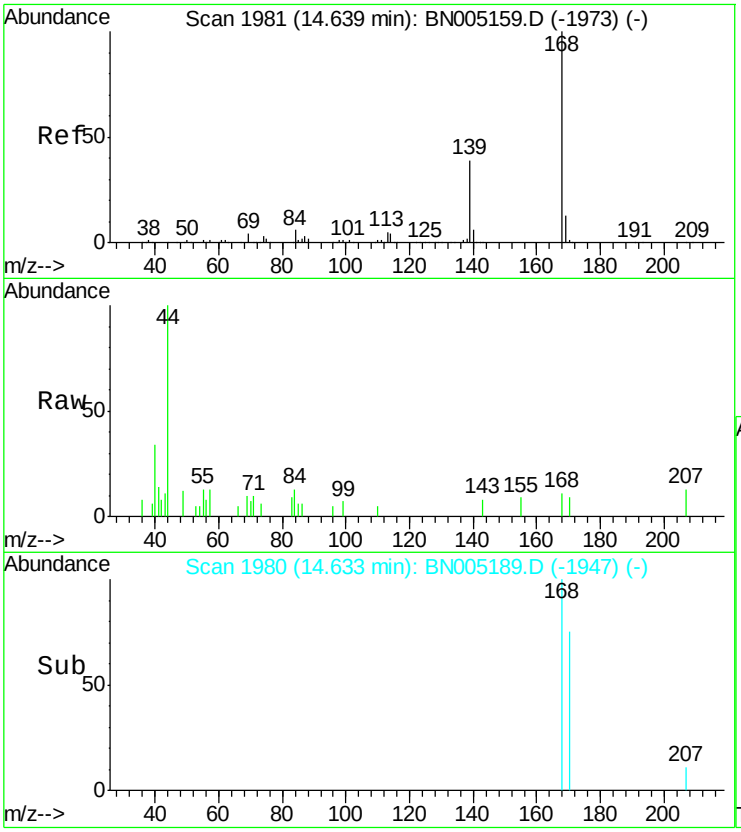


#52
4-Nitrophenol
Concen: 5.226 ng/ul
RT: 14.43 min Scan# 1945
Delta R.T. -0.02 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Tgt Ion:109 Resp: 476

Ion	Ratio	Lower	Upper
109	100		
139	0.0	92.3	138.5#
65	3268.0	97.5	146.3#



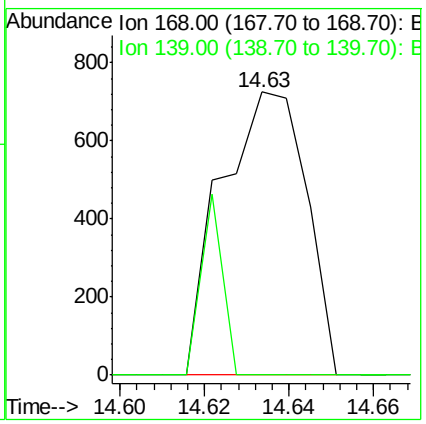


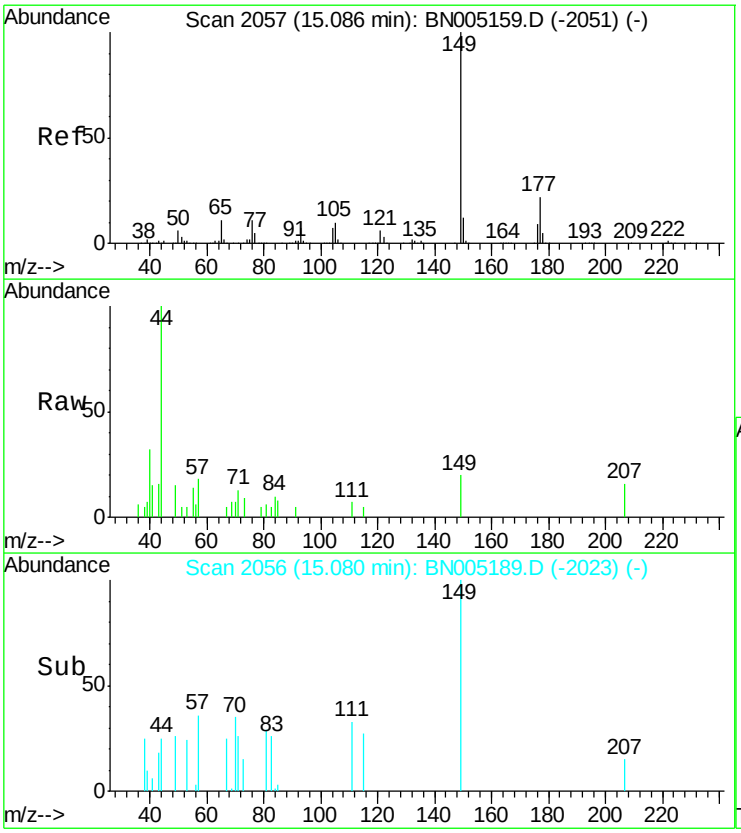
#53
Dibenzofuran
Concen: 1.349 ng/ul
RT: 14.63 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Instrument :
BNA_N
ClientSampleId :
GAHR2

Tgt Ion:168 Resp: 1017

Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.9	46.3#

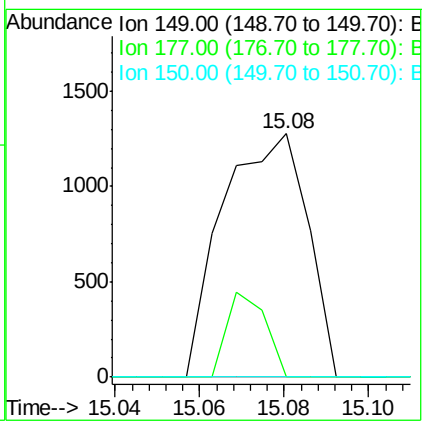


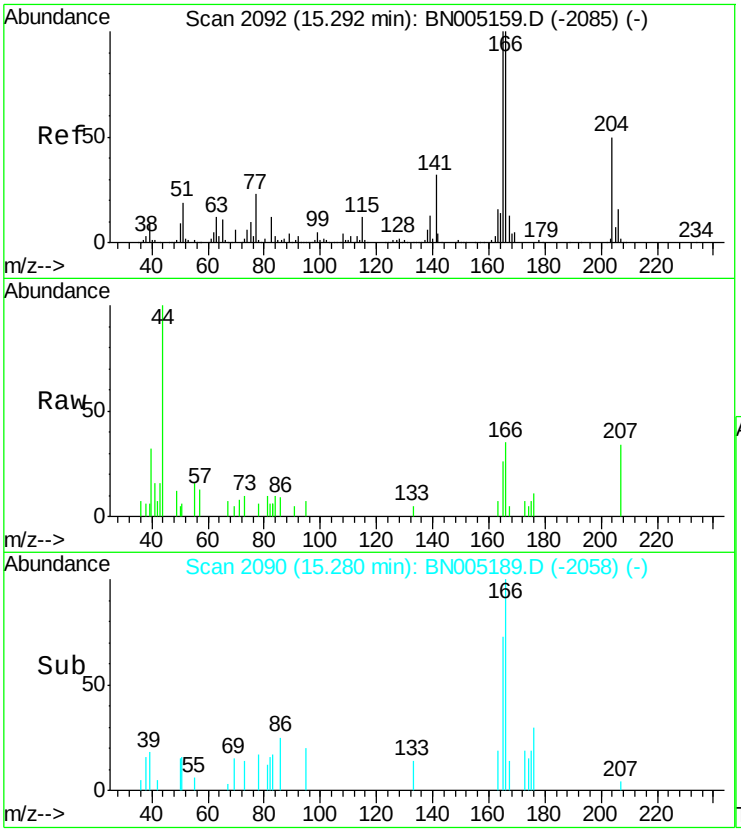


#56
Diethylphthalate
Concen: 2.800 ng/ul
RT: 15.08 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Tgt Ion:149 Resp: 1778

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



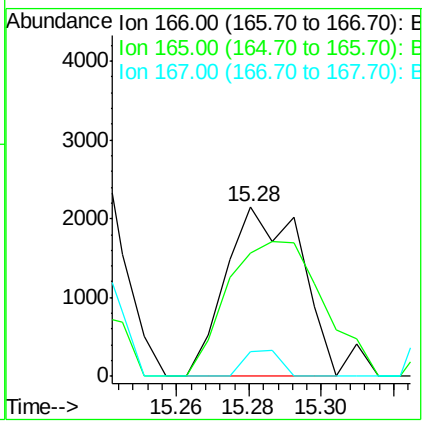


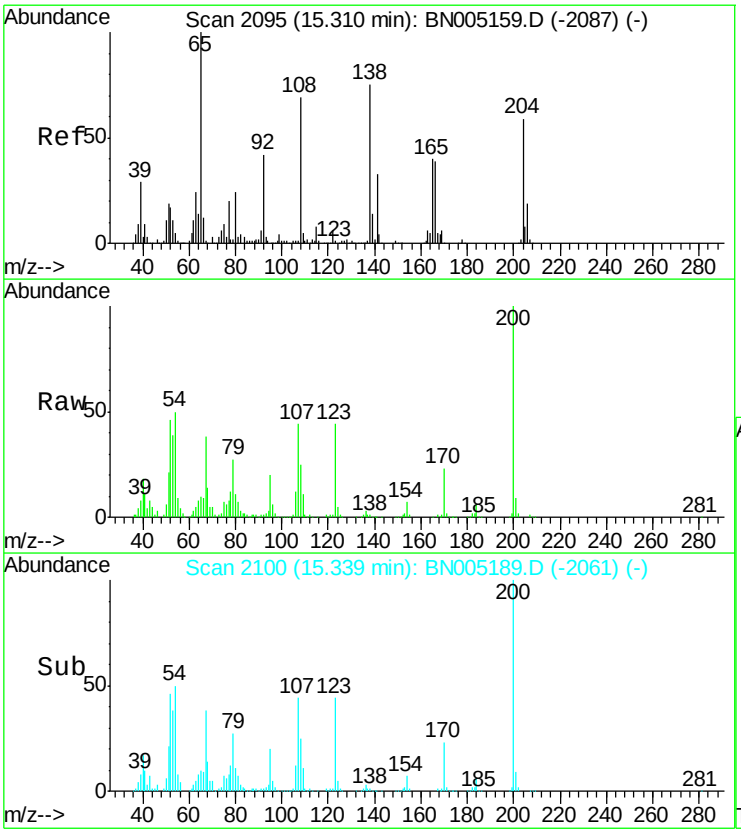
#58
Fluorene
Concen: 5.263 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Instrument :
BNA_N
ClientSampleId :
GAHR2

Tgt Ion:166 Resp: 3096

Ion	Ratio	Lower	Upper
166	100		
165	72.9	80.0	120.0#
167	14.4	10.7	16.1

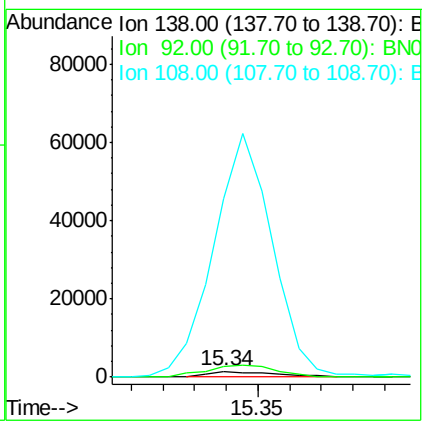


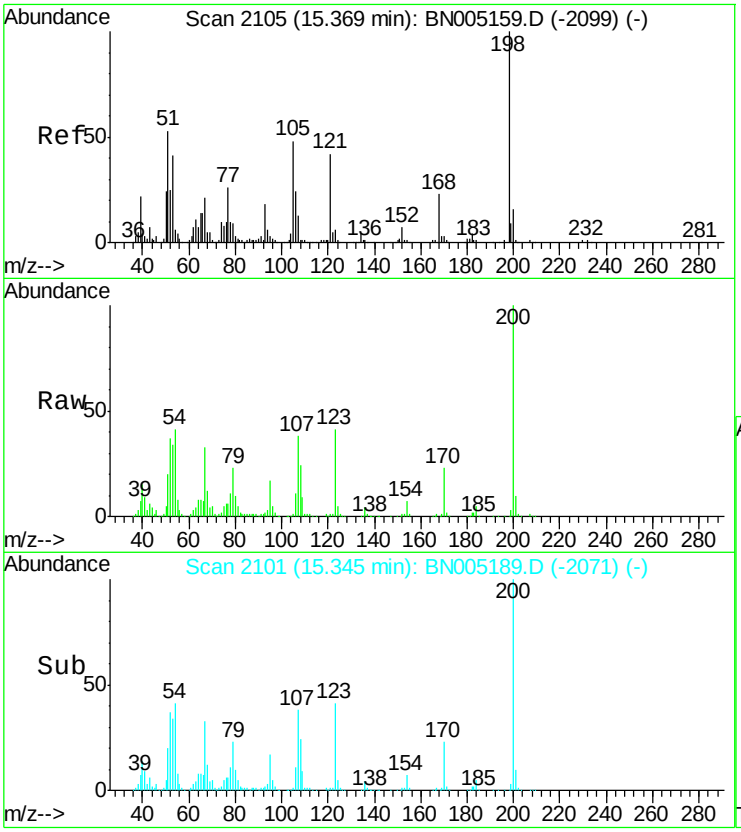


#60
4-Nitroaniline
Concen: 15.578 ng/ul
RT: 15.34 min Scan# 2100
Delta R.T. 0.03 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Tgt Ion:138 Resp: 1974

Ion	Ratio	Lower	Upper
138	100		
92	174.5	45.3	67.9#
108	2963.7	73.2	109.8#



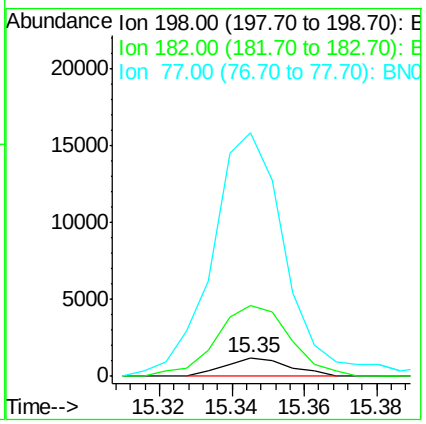


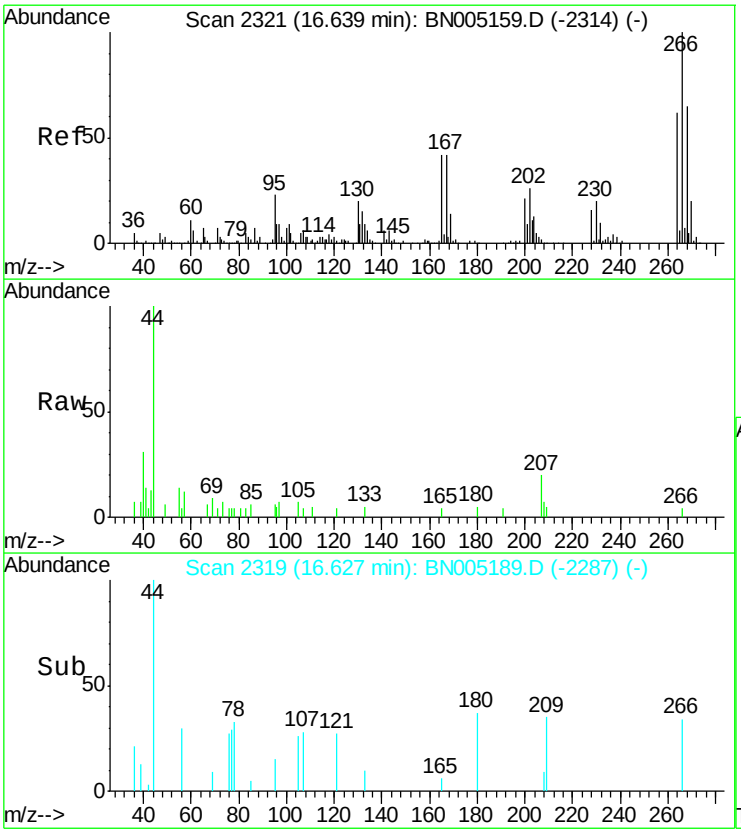
#63
4,6-Dinitro-2-methylphenol
Concen: 12.704 ng/ul
RT: 15.35 min Scan# 2101
Delta R.T. -0.02 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Instrument :
BNA_N
ClientSampleId :
GAHR2

Tgt Ion:198 Resp: 1479

Ion	Ratio	Lower	Upper
198	100		
182	380.6	3.0	4.6#
77	1316.8	21.9	32.9#

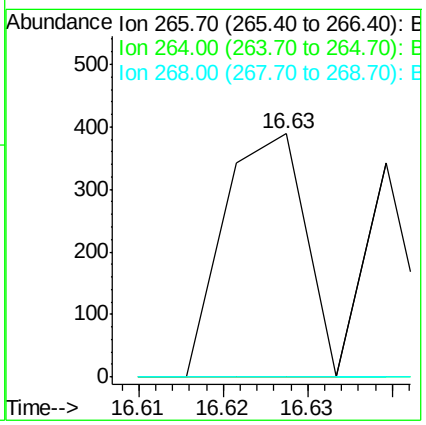


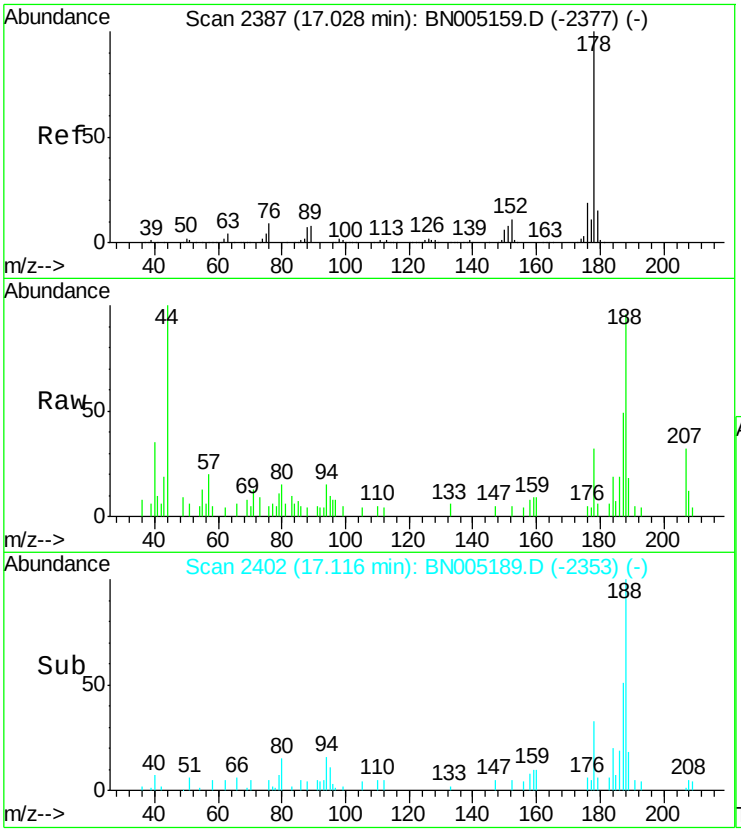


#68
Pentachlorophenol
Concen: 1.689 ng/ul
RT: 16.63 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Tgt Ion:266 Resp: 258

Ion	Ratio	Lower	Upper
266	100		
264	0.0	49.7	74.5#
268	0.0	52.4	78.6#



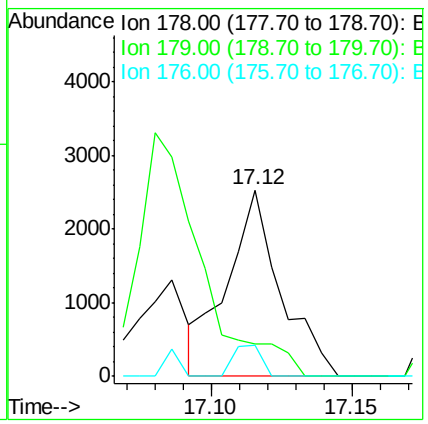


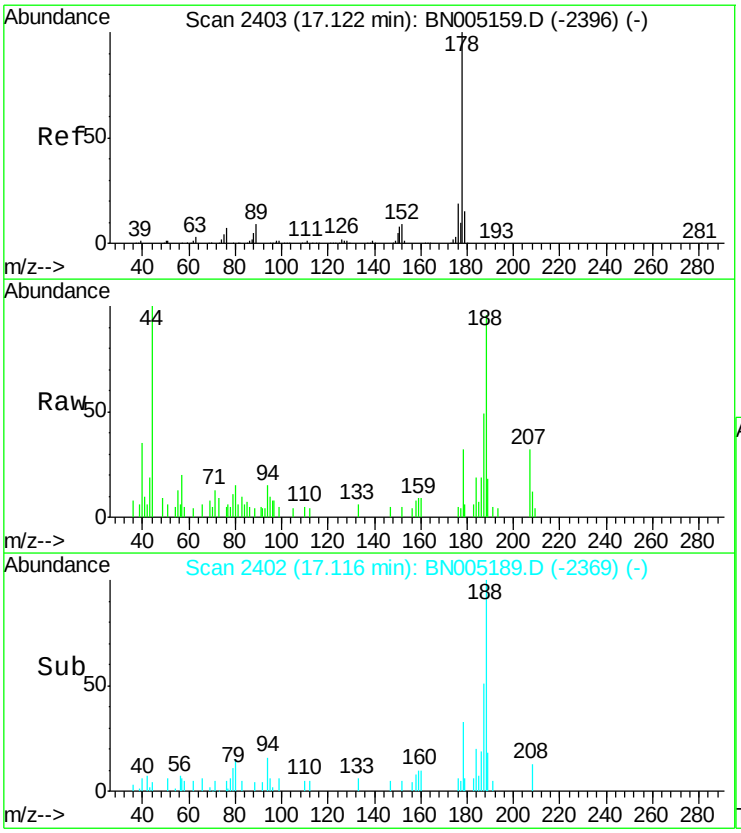
#69
Phenanthrene
Concen: 2.811 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. 0.09 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Instrument :
BNA_N
ClientSampleId :
GAHR2

Tgt Ion:178 Resp: 3329

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.2	18.4
176	16.6	15.1	22.7

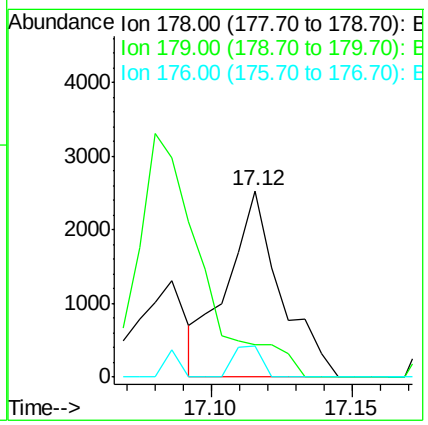


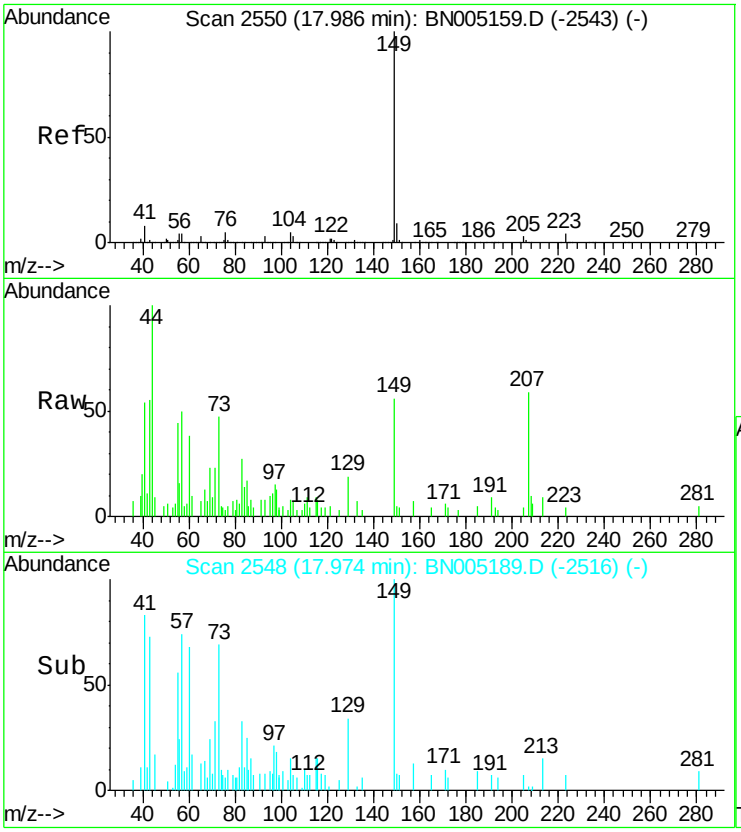


#71
Anthracene
Concen: 2.759 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Tgt Ion:178 Resp: 3329

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.3	18.5
176	16.6	15.1	22.7



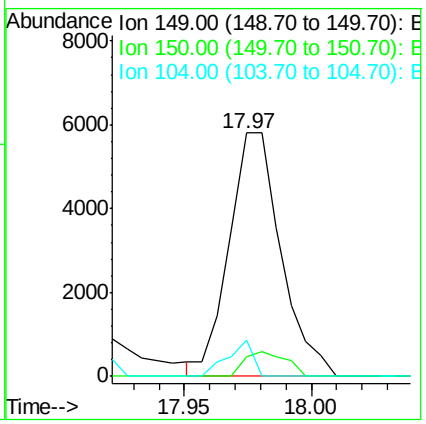


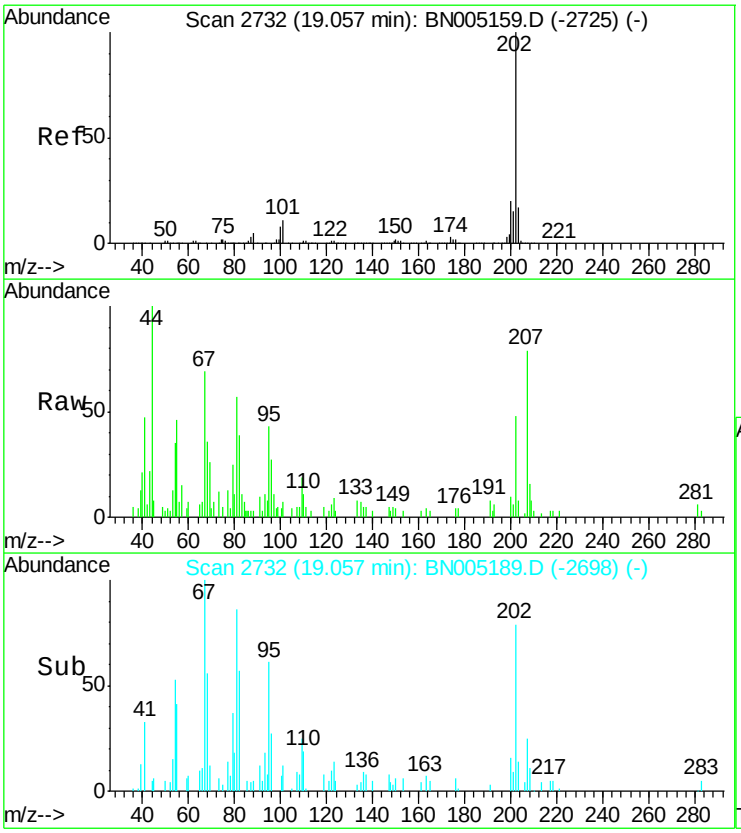
#75
Di-n-butylphthalate
Concen: 6.377 ng/ul
RT: 17.97 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Instrument :
BNA_N
ClientSampleId :
GAHR2

Tgt Ion:149 Resp: 8294

Ion	Ratio	Lower	Upper
149	100		
150	8.2	7.3	10.9
104	15.2	4.2	6.2#

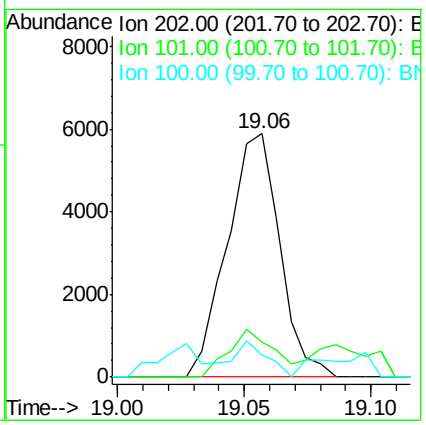


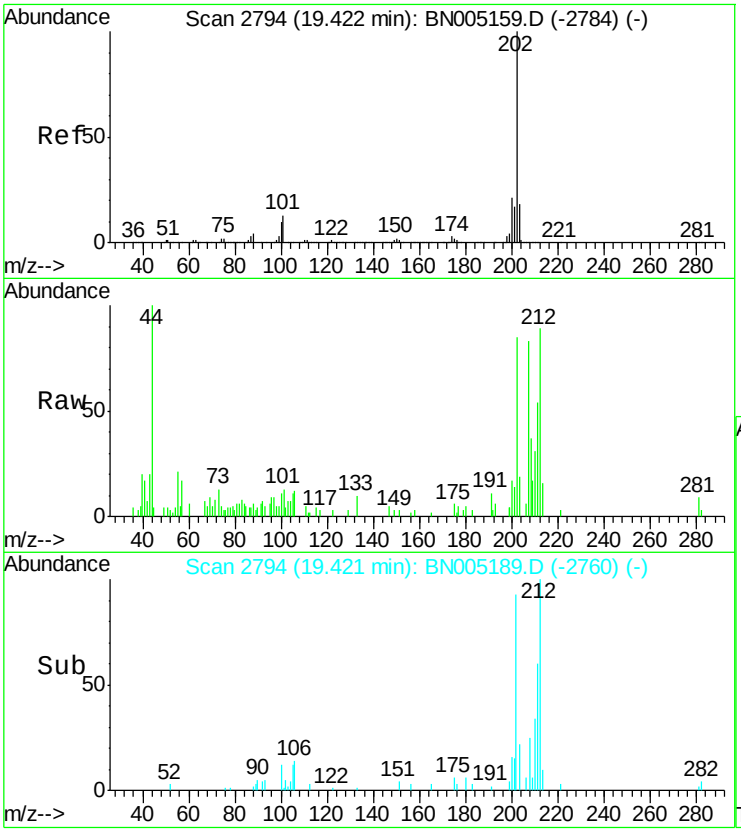


#76
Fluoranthene
Concen: 6.462 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. -0.00 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Tgt Ion:202 Resp: 8490

Ion	Ratio	Lower	Upper
202	100		
101	14.6	8.6	12.8#
100	9.0	6.3	9.5



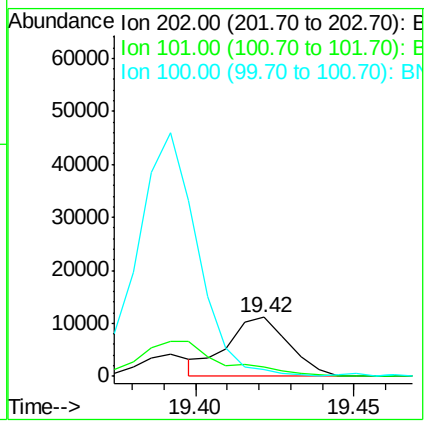


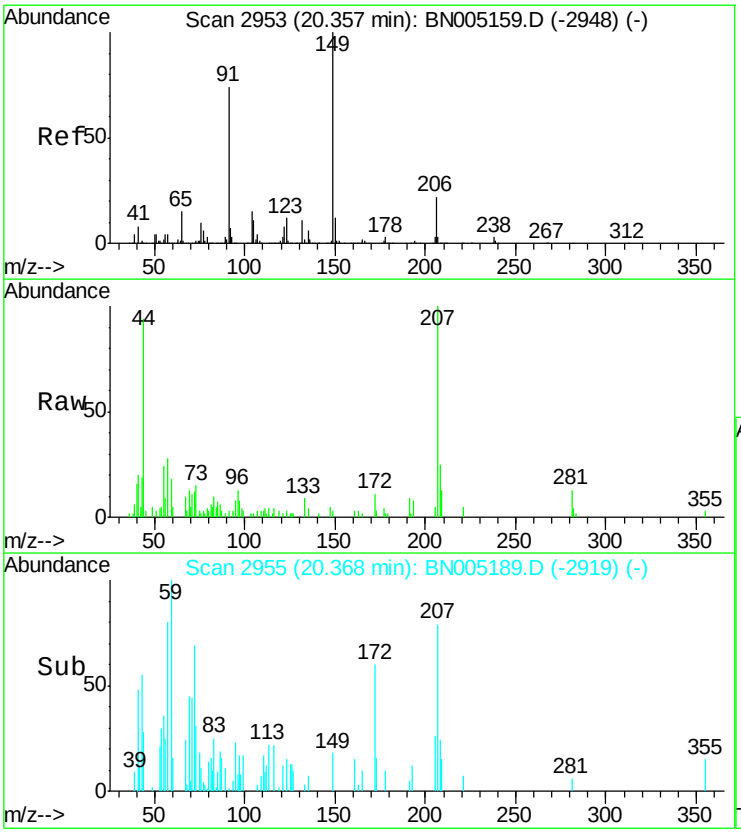
#79
Pyrene
Concen: 9.718 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Instrument :
BNA_N
ClientSampleId :
GAHR2

Tgt Ion:202 Resp: 14948

Ion	Ratio	Lower	Upper
202	100		
101	15.7	10.3	15.5#
100	12.4	7.9	11.9#

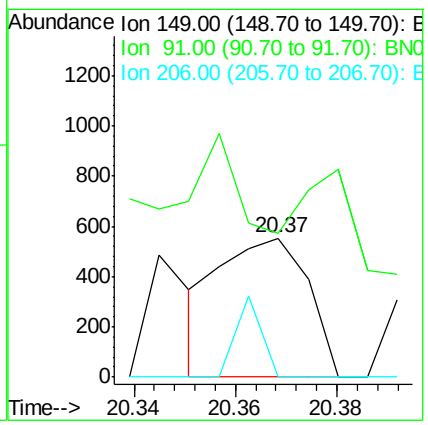


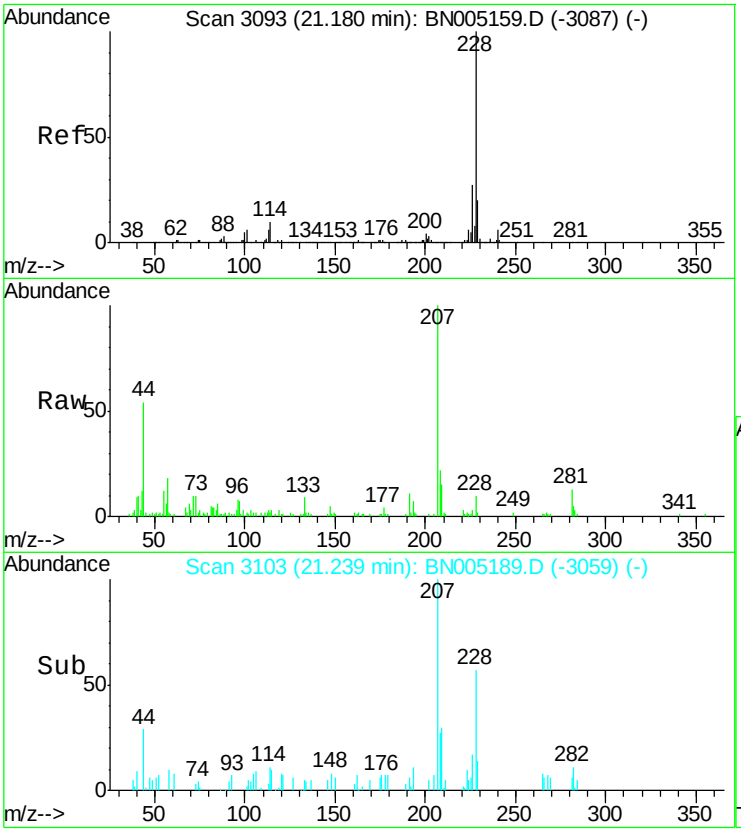


#80
Butylbenzylphthalate
Concen: 1.094 ng/ul
RT: 20.37 min Scan# 2955
Delta R.T. 0.01 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Tgt Ion:149 Resp: 666

Ion	Ratio	Lower	Upper
149	100		
91	103.8	59.6	89.4#
206	0.0	17.8	26.8#



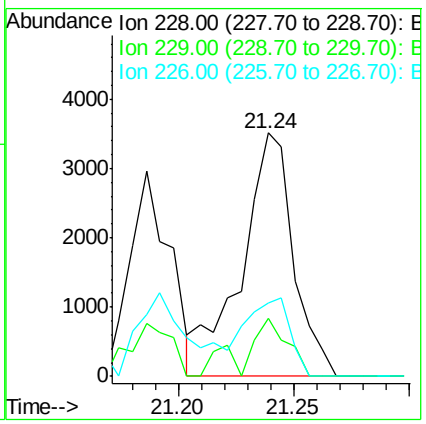


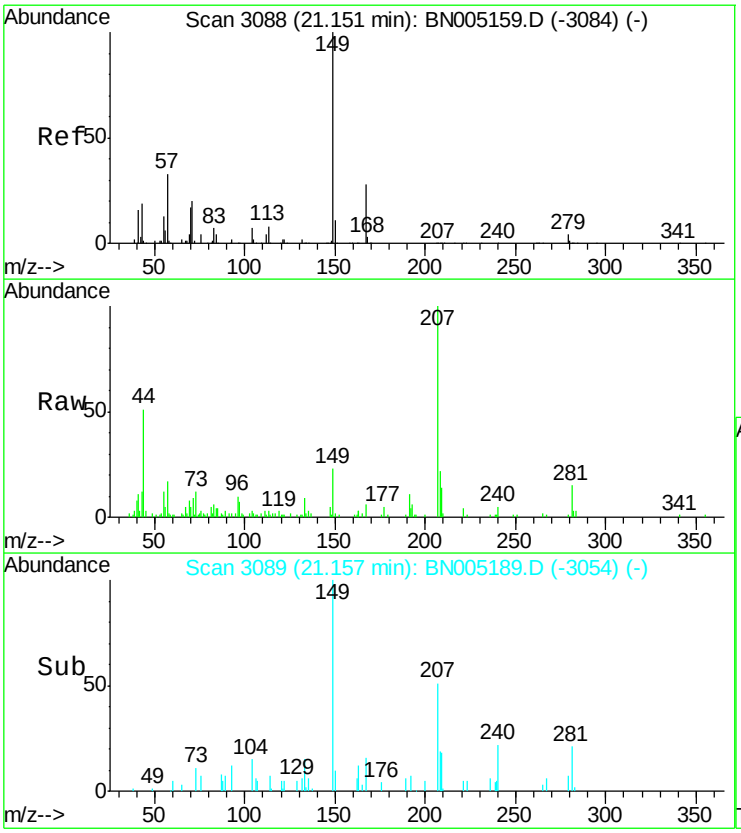
#82
Benzo(a)anthracene
Concen: 3.707 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.06 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Instrument :
BNA_N
ClientSampleId :
GAHR2

Tgt Ion:228 Resp: 5509

Ion	Ratio	Lower	Upper
228	100		
229	23.6	15.8	23.6
226	30.3	21.4	32.2

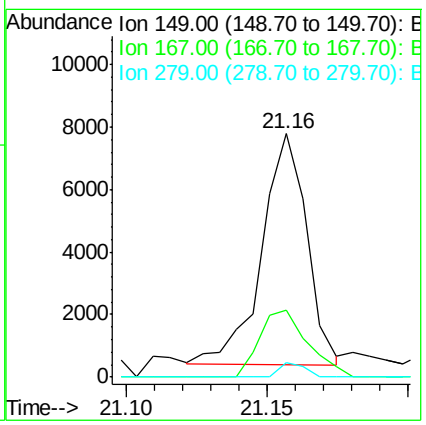


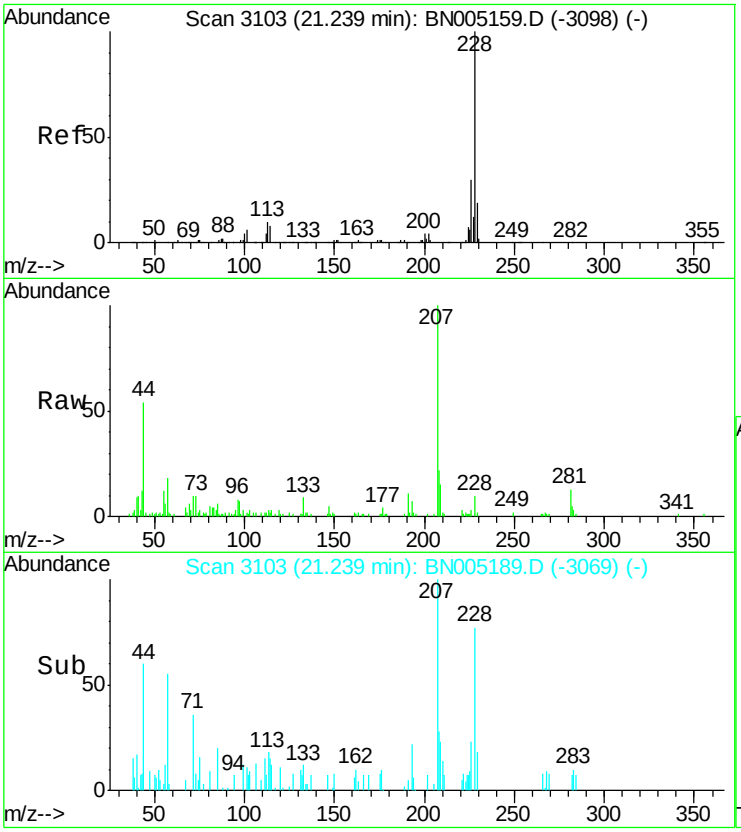


#83
Bis(2-ethylhexyl)phthalate
Concen: 8.703 ng/ul
RT: 21.16 min Scan# 3089
Delta R.T. 0.01 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Tgt Ion:149 Resp: 8161

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.3	33.5
279	6.1	3.3	4.9#





#84
Chrysene
Concen: 3.994 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BN005189.D
Acq: 22 Apr 2019 23:53

Instrument :
BNA_N
ClientSampleId :
GAHR2

Tgt Ion:228 Resp: 5509

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	23.6	15.4	23.0#