Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005240.D
Acq On : 24 Apr 2019 06:34
Operator : JU/SJ
Sample : K2455-08MSD 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8MSD

Quant Time: Apr 24 08:56:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	541027	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2200841	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1204527	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2358717	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1929025	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	2095992	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	12820	1.14	ng/uL	0.00
5) Phenol-d5	6.78	99	119031	2.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	76991	2.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	95796	2.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	95455	2.87	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	44563	3.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	42739	3.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	94332	3.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	126450	3.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	294297	3.37	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	354268	3.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	33354	2.42	ng/ul	0.00
57) Fluorene-d10	15.23	176	244231	3.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	6140	0.58	ng/ul	0.00
70) Anthracene-d10	17.09	188	347699	3.52	ng/ul	0.00
78) Pyrene-d10	19.40	212	338244	3.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	302594	3.30	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.80	94	122134	2.794	ng/ul	99
10) 2-Chlorophenol	7.16	128	97001	2.885	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.39	70	79036	2.779	ng/ul#	95
17) Hexachloroethane	8.69	117	145516	9.967	ng/ul#	6
28) Naphthalene	10.42	128	12728642	124.408	ng/ul	98
33) 4-Chloro-3-methylphenol	11.65	107	100955	2.886	ng/ul#	79
34) 2-Methylnaphthalene	12.05	142	17306955	231.021	ng/ul	93
40) 1,1'-Biphenyl	13.06	154	1525478	16.997	ng/ul	98
47) Acenaphthylene	13.95	152	4193767	39.736	ng/ul#	96
49) Acenaphthene	14.29	153	697333	9.678	ng/ul	98
52) 4-Nitrophenol	14.45	109	22394	1.787	ng/ul#	1
53) Dibenzofuran	14.63	168	638639	6.156	ng/ul	94
54) 2,4-Dinitrotoluene	14.60	165	93070	4.291	ng/ul#	78
58) Fluorene	15.29	166	2533341	31.296	ng/ul	98
60) 4-Nitroaniline	15.29	138	29245	1.677	ng/ul#	16
68) Pentachlorophenol	16.64	266	28564	1.928	ng/ul	94
69) Phenanthrene	17.03	178	9539546	83.044	ng/ul	98
71) Anthracene	17.12	178	2057214	17.580	ng/ul	99
76) Fluoranthene	19.06	202	2330111	18.287	ng/ul	99
79) Pyrene	19.43	202	3913858	31.512	ng/ul	98
82) Benzo(a)anthracene	21.25	228	1227617	10.230	ng/ul	94
84) Chrysene	21.25	228	1228027	11.026	ng/ul	97
87) Benzo(b)fluoranthene	22.77	252	1076422	9.136	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005240.D
Acq On : 24 Apr 2019 06:34
Operator : JU/SJ
Sample : K2455-08MSD 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ8MSD

Quant Time: Apr 24 08:56:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(k)fluoranthene	22.94	252	337099	2.996	ng/ul	95
90) Benzo(a)pyrene	23.33	252	868060	7.838	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	430864	3.519	ng/ul	97
92) Dibenzo(a,h)anthracene	25.61	278	148877	1.433	ng/ul#	80
93) Benzo(g,h,i)perylene	26.26	276	282132	2.787	ng/ul	97

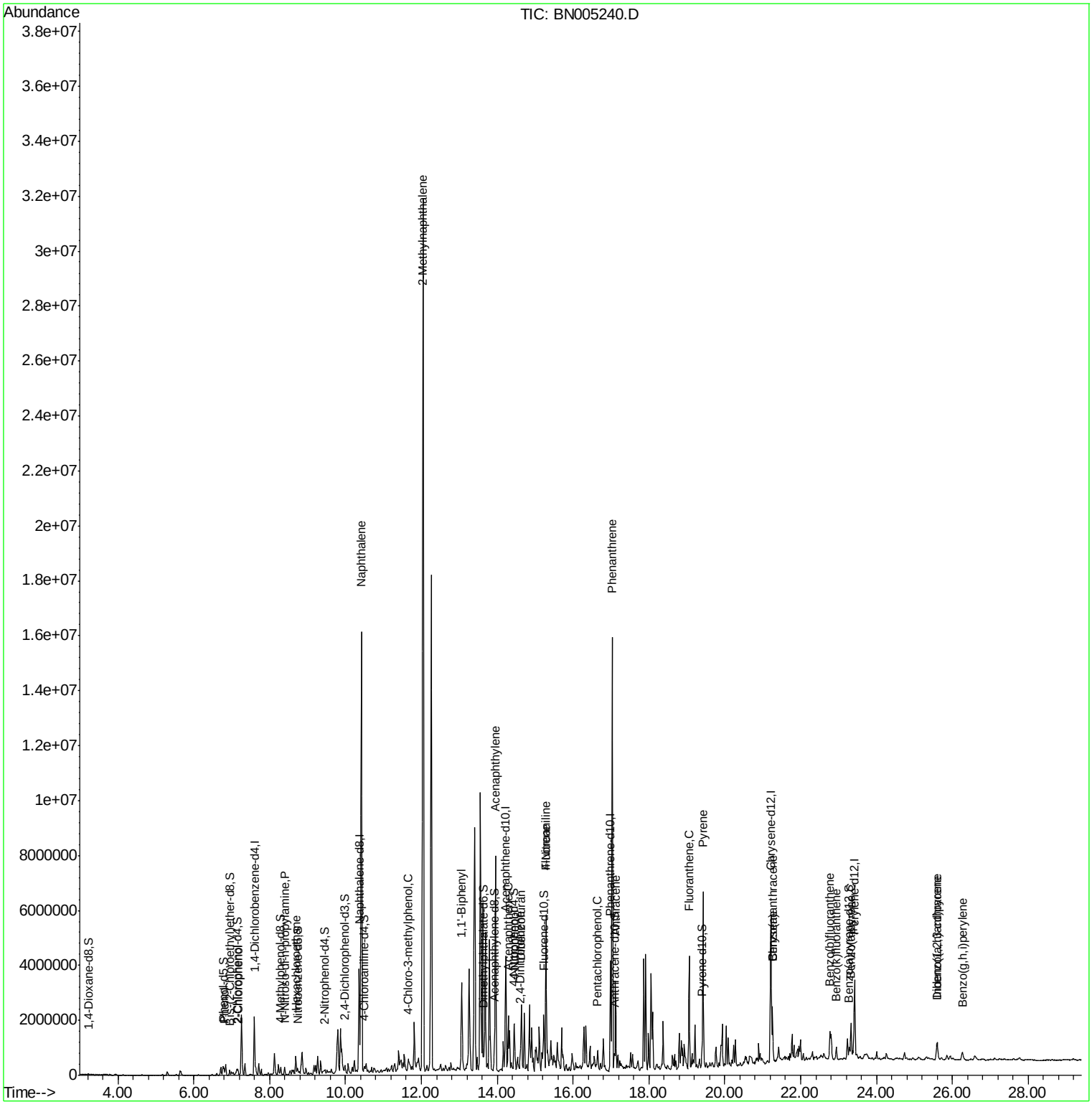
(#) = qualifier out of range (m) = manual integration (+) = signals summed

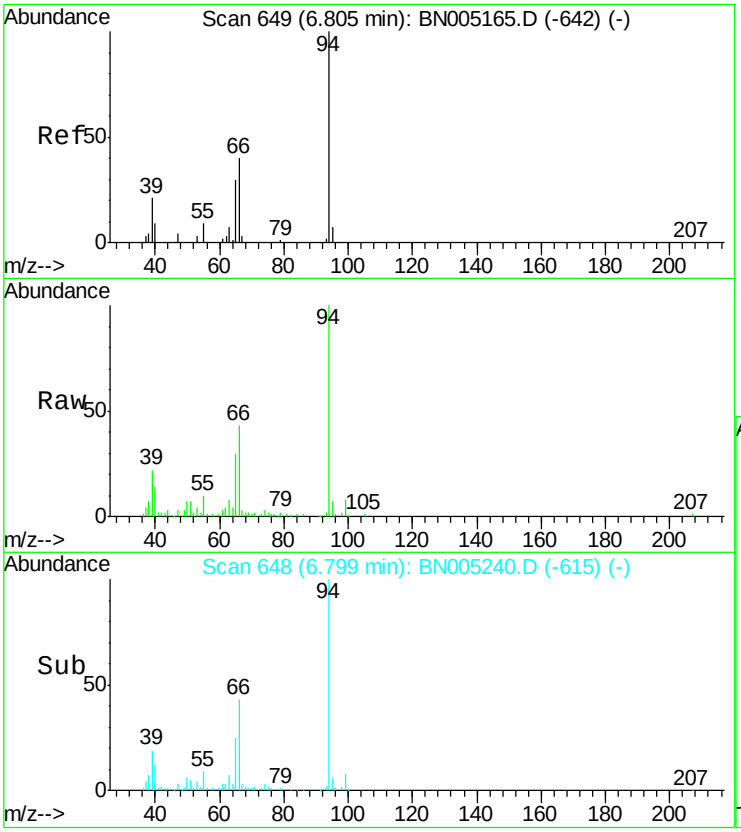
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005240.D
Acq On : 24 Apr 2019 06:34
Operator : JU/SJ
Sample : K2455-08MSD 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Quant Time: Apr 24 08:56:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration



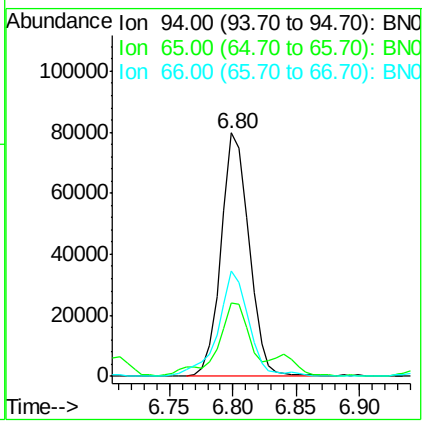


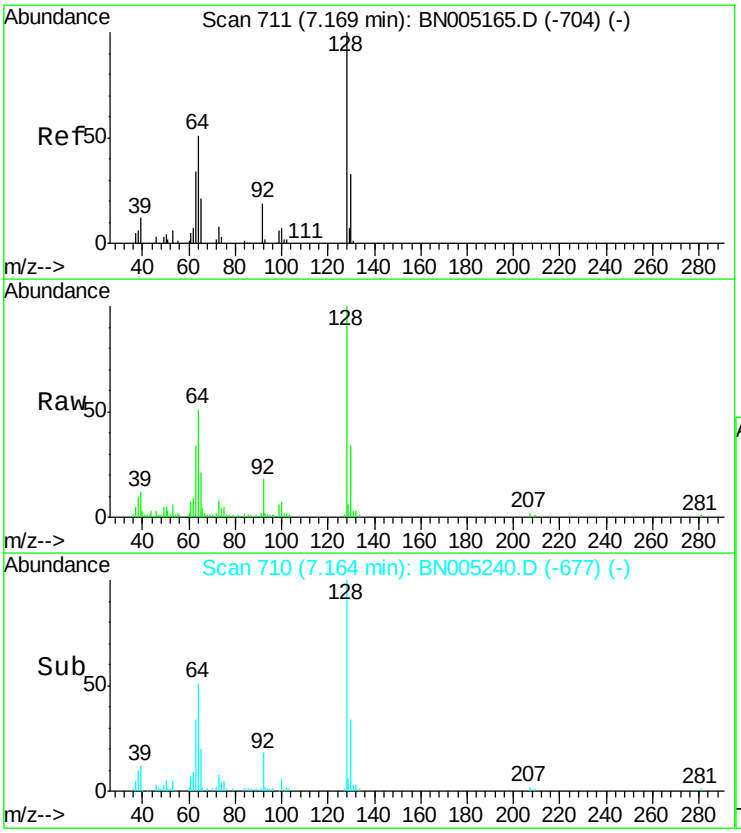
#6
Phenol
Concen: 2.794 ng/ul
RT: 6.80 min Scan# 648
Delta R.T. -0.01 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Tgt Ion: 94 Resp: 122134

Ion	Ratio	Lower	Upper
94	100		
65	30.0	24.2	36.4
66	43.3	33.8	50.6

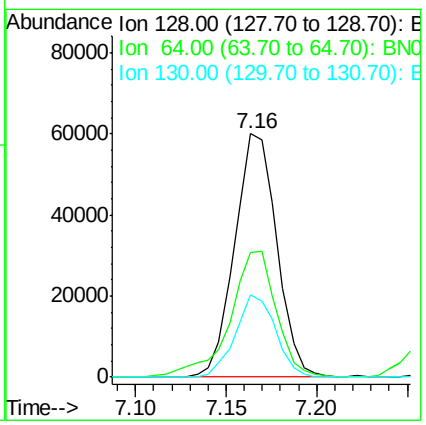


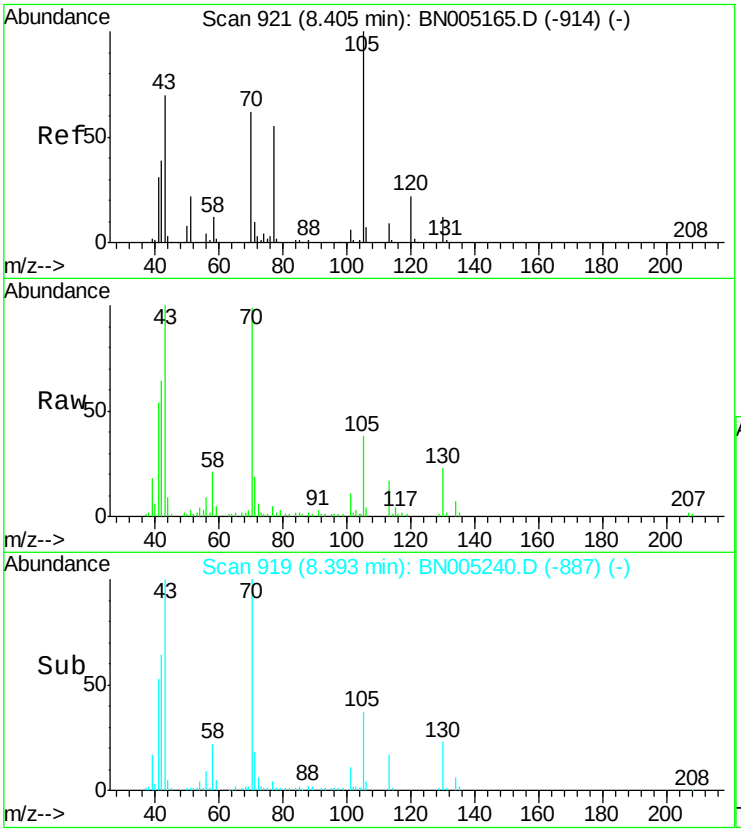


#10
2-Chlorophenol
Concen: 2.885 ng/ul
RT: 7.16 min Scan# 710
Delta R.T. -0.01 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Tgt Ion:128 Resp: 97001

Ion	Ratio	Lower	Upper
128	100		
64	51.0	42.3	63.5
130	33.6	26.5	39.7



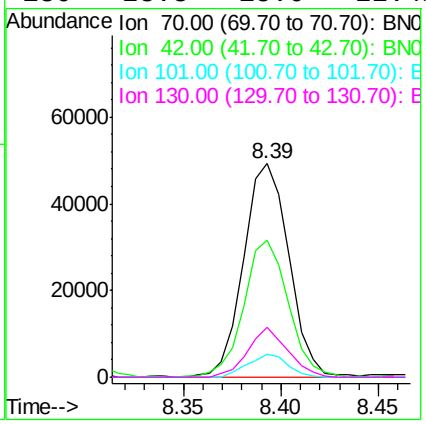


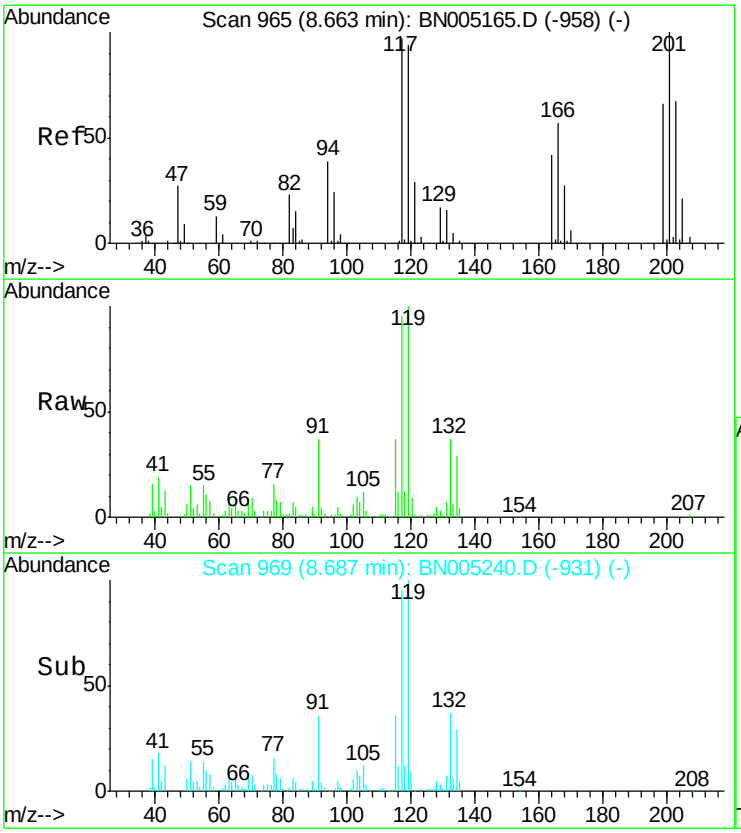
#15
N-Nitroso-di-n-propylamine
Concen: 2.779 ng/ul
RT: 8.39 min Scan# 919
Delta R.T. -0.01 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Tgt Ion: 70 Resp: 79036

Ion	Ratio	Lower	Upper
70	100		
42	64.3	53.8	80.8
101	10.7	7.7	11.5
130	23.3	15.0	22.4#

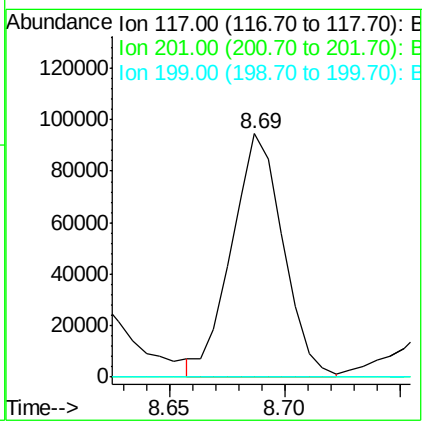


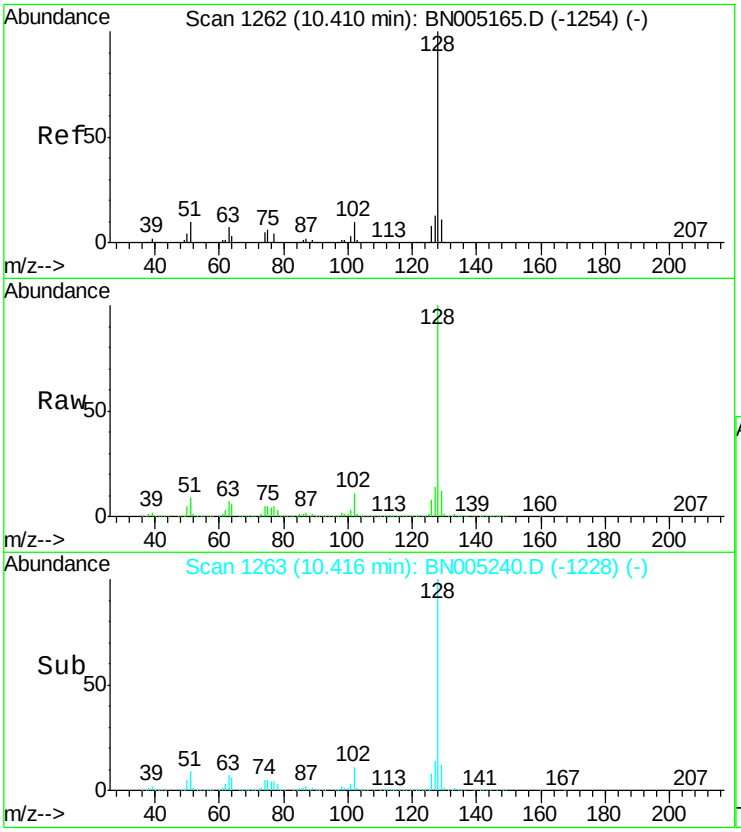


#17
Hexachloroethane
Concen: 9.967 ng/ul
RT: 8.69 min Scan# 969
Delta R.T. 0.02 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Tgt Ion:117 Resp: 145516

Ion	Ratio	Lower	Upper
117	100		
201	0.0	84.1	126.1#
199	0.0	51.2	76.8#



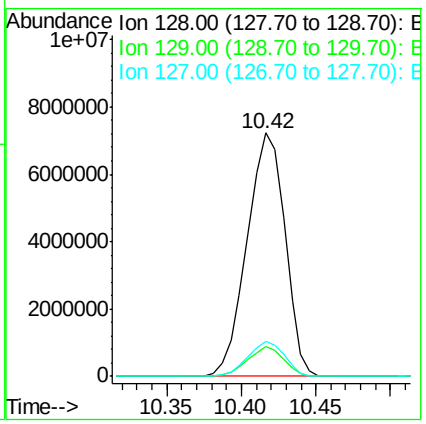


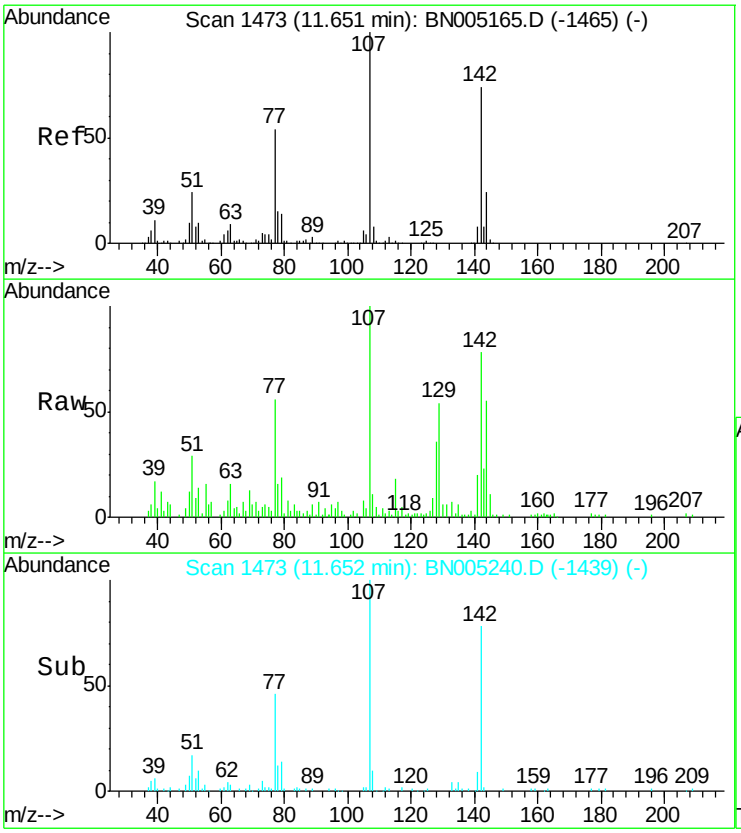
#28
Naphthalene
Concen: 124.408 ng/ul
RT: 10.42 min Scan# 1263
Delta R.T. 0.01 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Tgt Ion:128 Resp:12728642

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.2	13.8
127	14.3	10.7	16.1

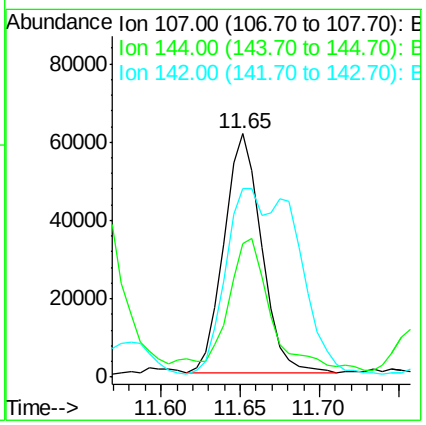


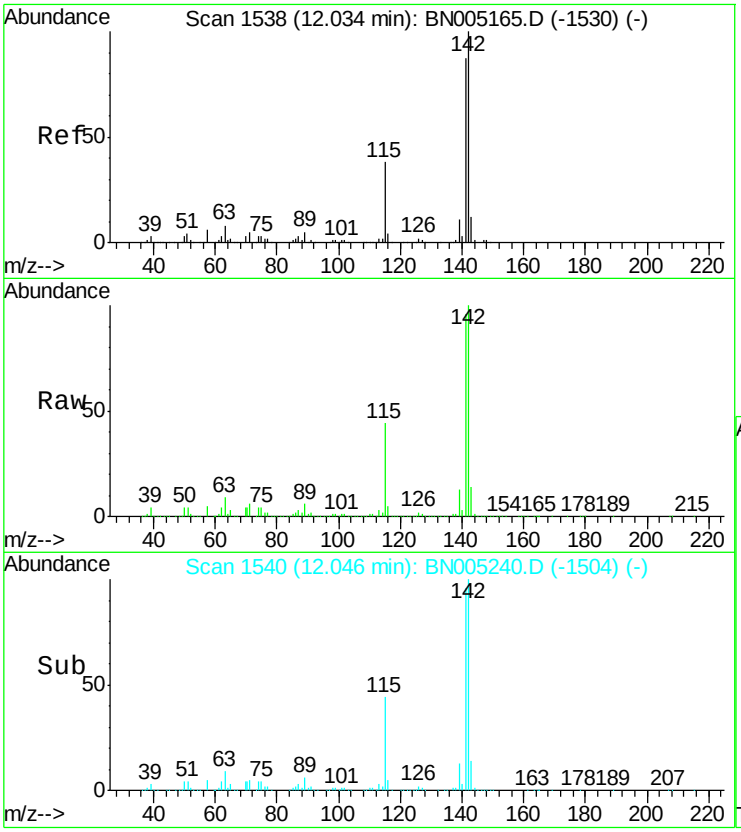


#33
4-Chloro-3-methylphenol
Concen: 2.886 ng/ul
RT: 11.65 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Tgt Ion:107 Resp: 100955

Ion	Ratio	Lower	Upper
107	100		
144	55.1	19.4	29.0#
142	77.5	57.7	86.5



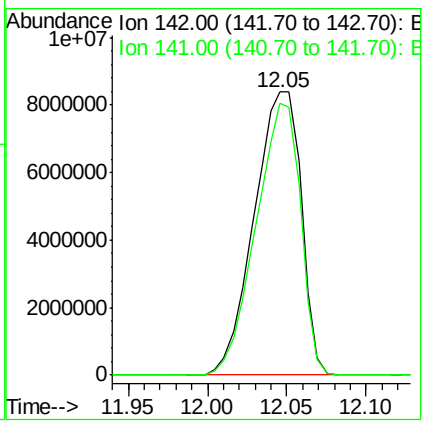


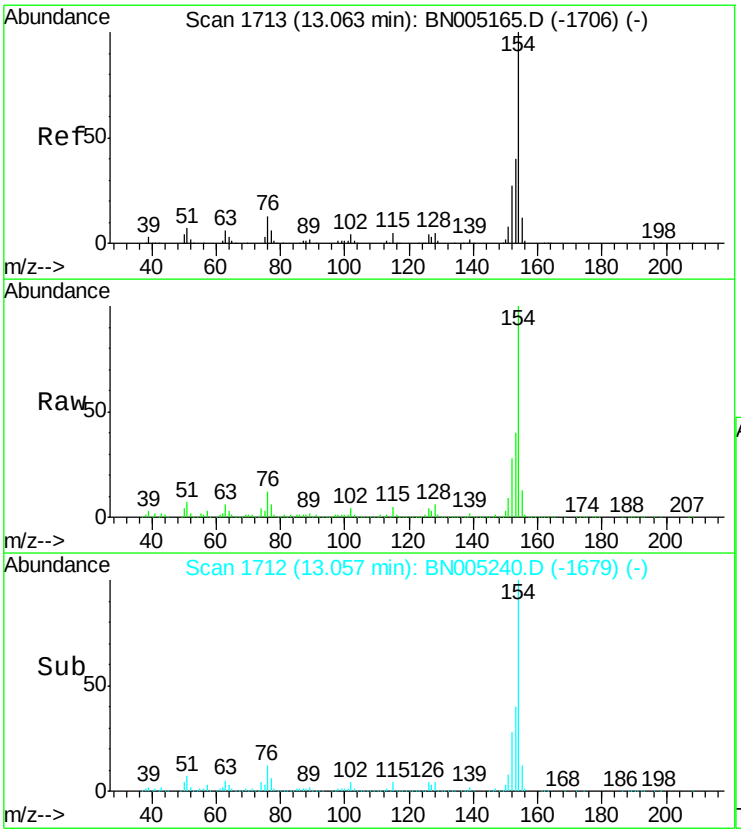
#34
2-Methylnaphthalene
Concen: 231.021 ng/ul
RT: 12.05 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Tgt Ion:142 Resp:17306955

Ion	Ratio	Lower	Upper
142	100		
141	96.1	72.0	108.0

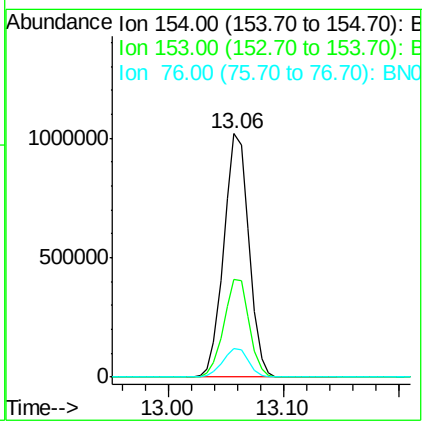


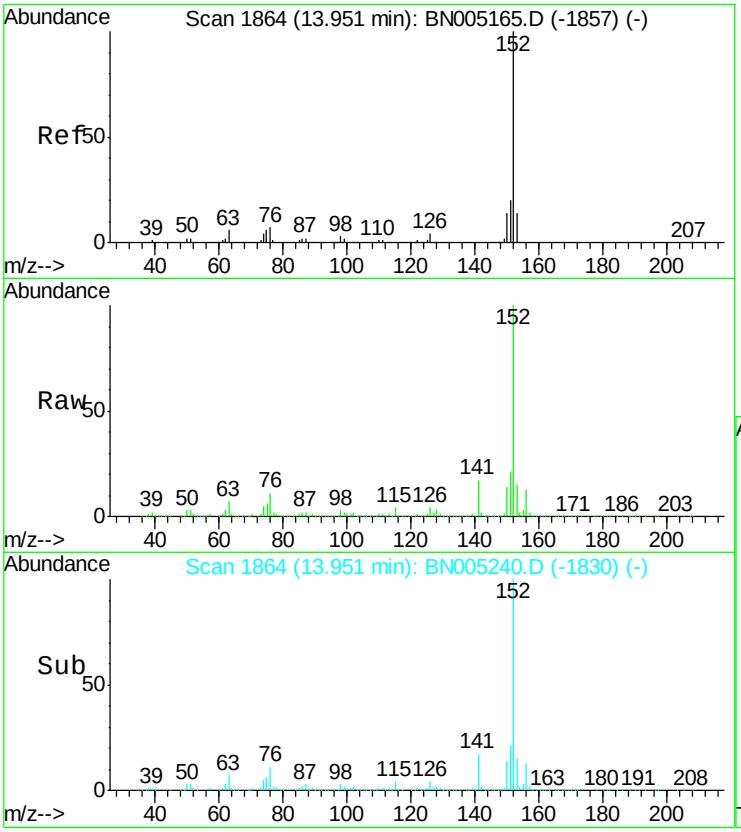


#40
1,1'-Biphenyl
Concen: 16.997 ng/ul
RT: 13.06 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Tgt Ion:154 Resp: 1525478

Ion	Ratio	Lower	Upper
154	100		
153	39.9	32.6	49.0
76	11.8	10.4	15.6



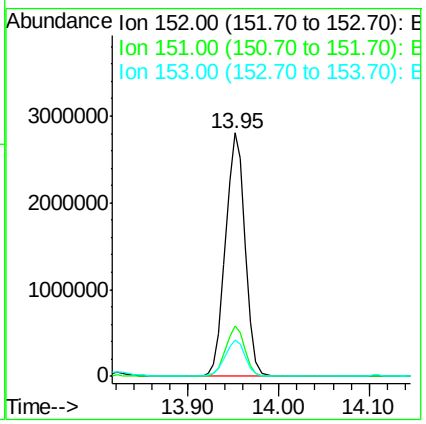


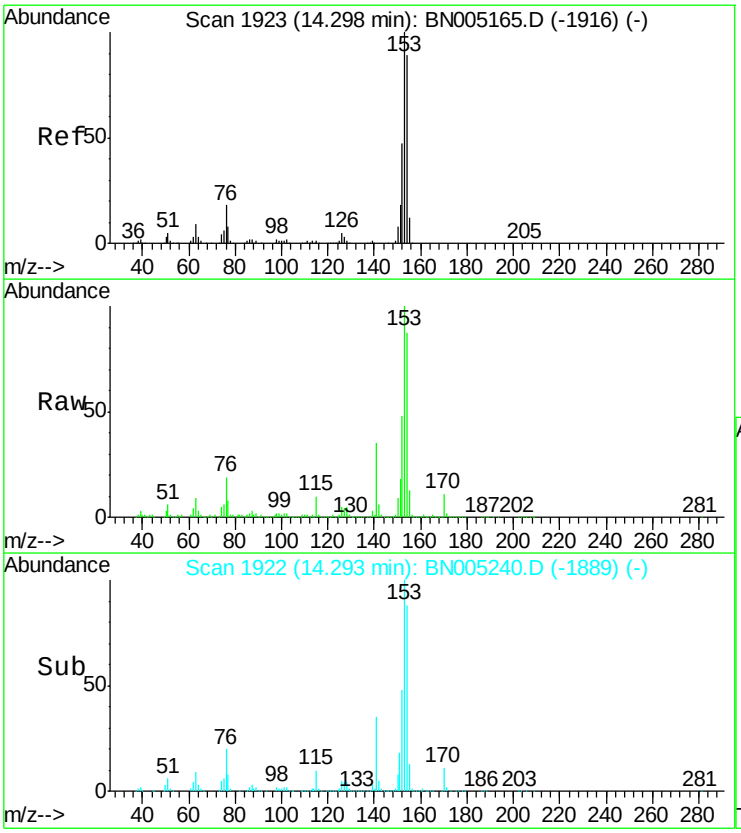
#47
Acenaphthylene
Concen: 39.736 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Tgt Ion:152 Resp: 4193767

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.8
153	14.9	9.8	14.8#

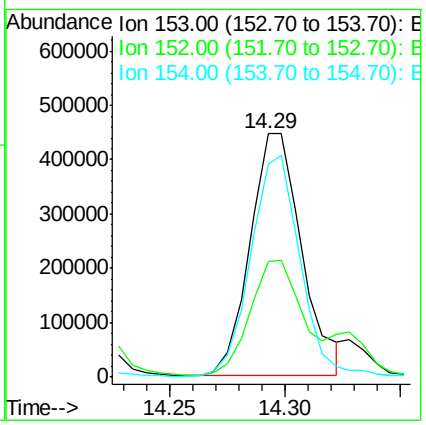


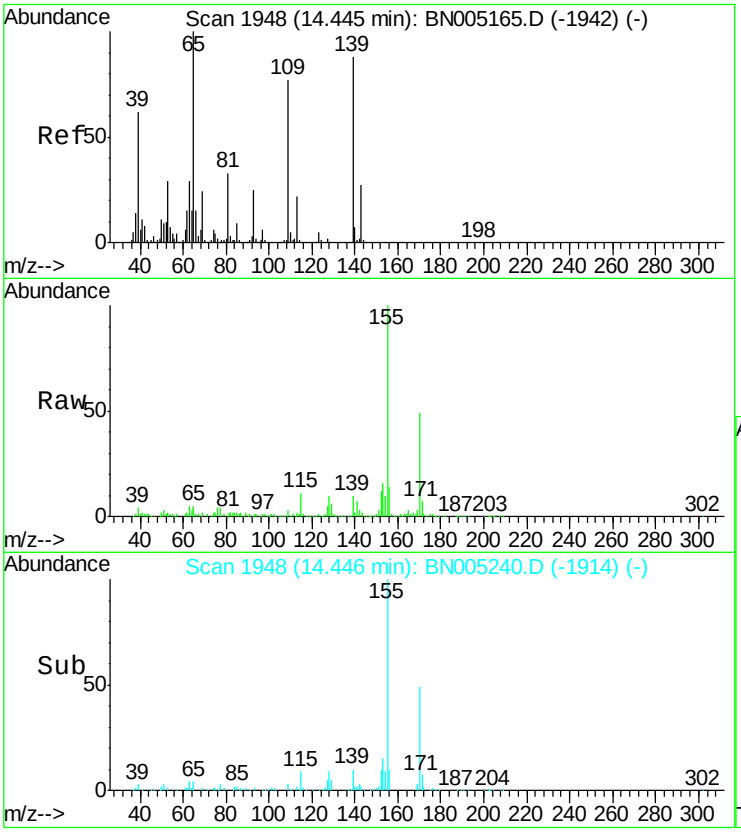


#49
Acenaphthene
Concen: 9.678 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Tgt Ion:153 Resp: 697333

Ion	Ratio	Lower	Upper
153	100		
152	47.7	37.4	56.0
154	87.3	71.2	106.8



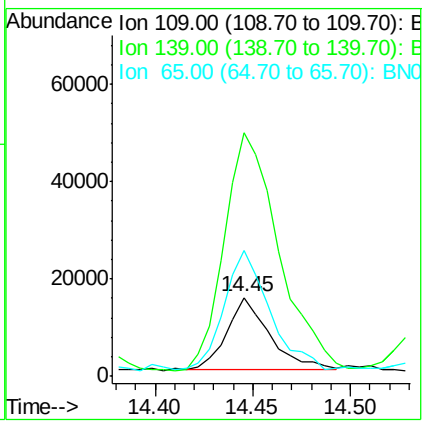


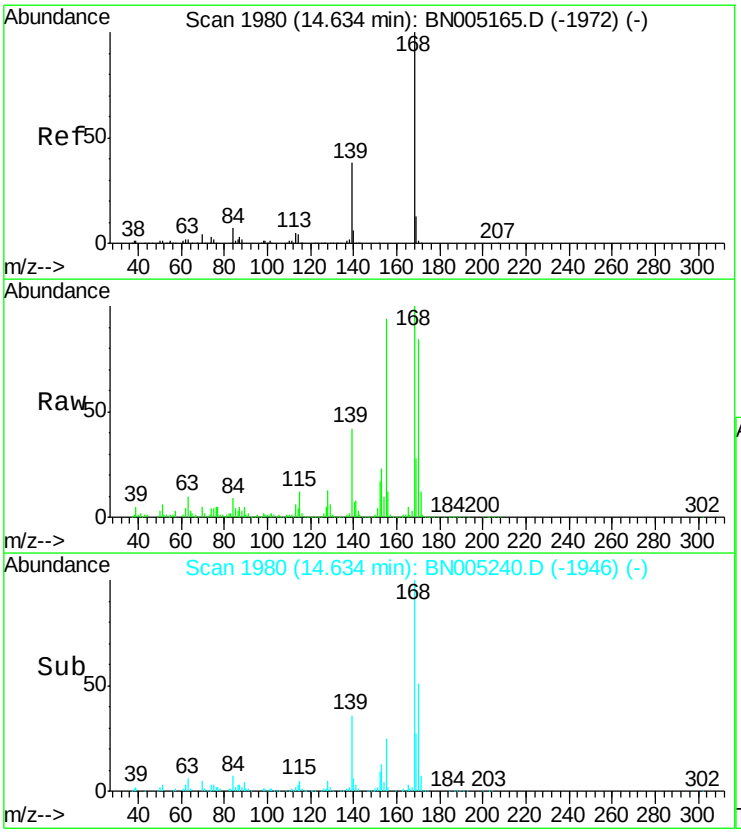
#52
4-Nitrophenol
Concen: 1.787 ng/ul
RT: 14.45 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Tgt Ion:109 Resp: 22394

Ion	Ratio	Lower	Upper
109	100		
139	309.8	92.3	138.5#
65	160.2	97.5	146.3#

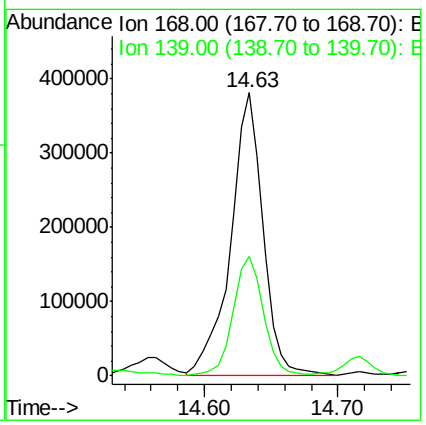


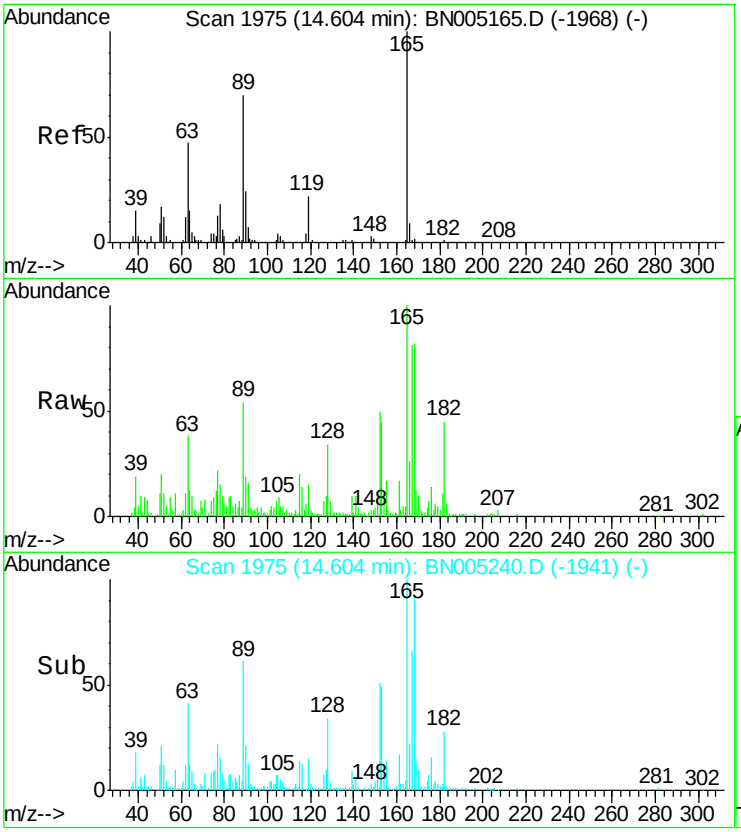


#53
Dibenzofuran
Concen: 6.156 ng/ul
RT: 14.63 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Tgt Ion:168 Resp: 638639

Ion	Ratio	Lower	Upper
168	100		
139	42.3	30.9	46.3



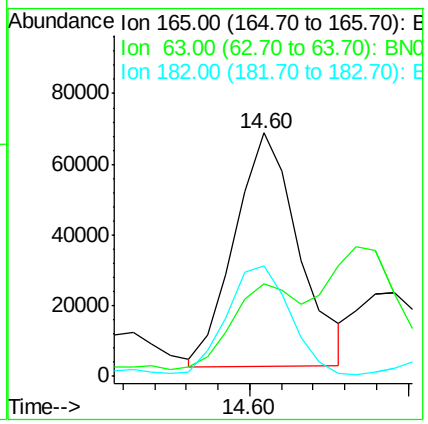


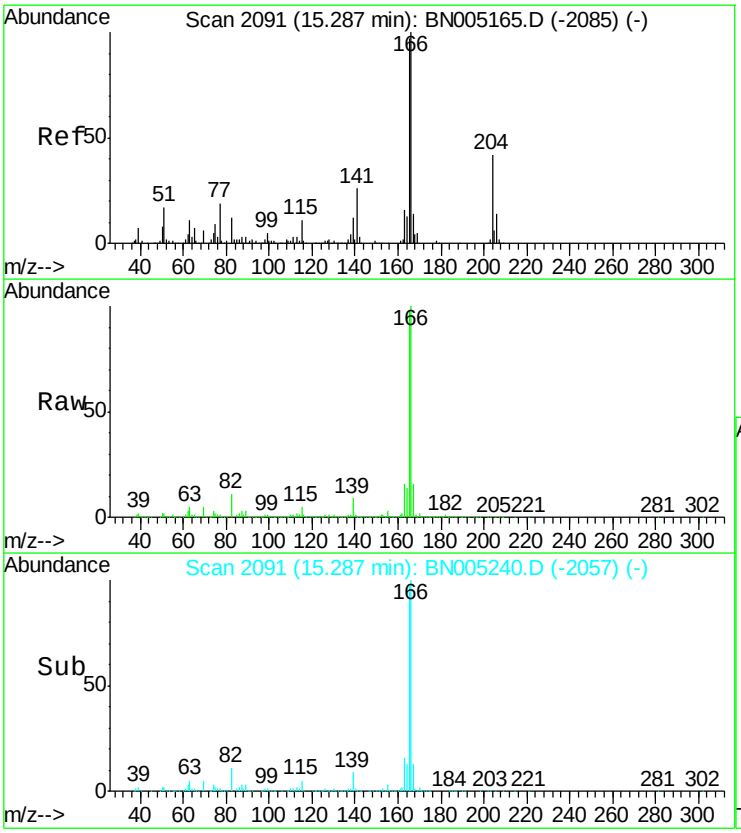
#54
2,4-Dinitrotoluene
Concen: 4.291 ng/ul
RT: 14.60 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Tgt Ion:165 Resp: 93070

Ion	Ratio	Lower	Upper
165	100		
63	38.0	38.9	58.3#
182	45.2	2.6	3.8#

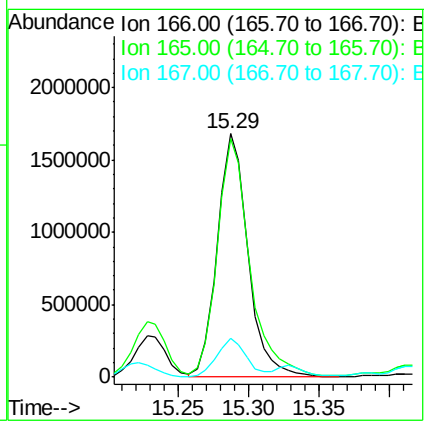


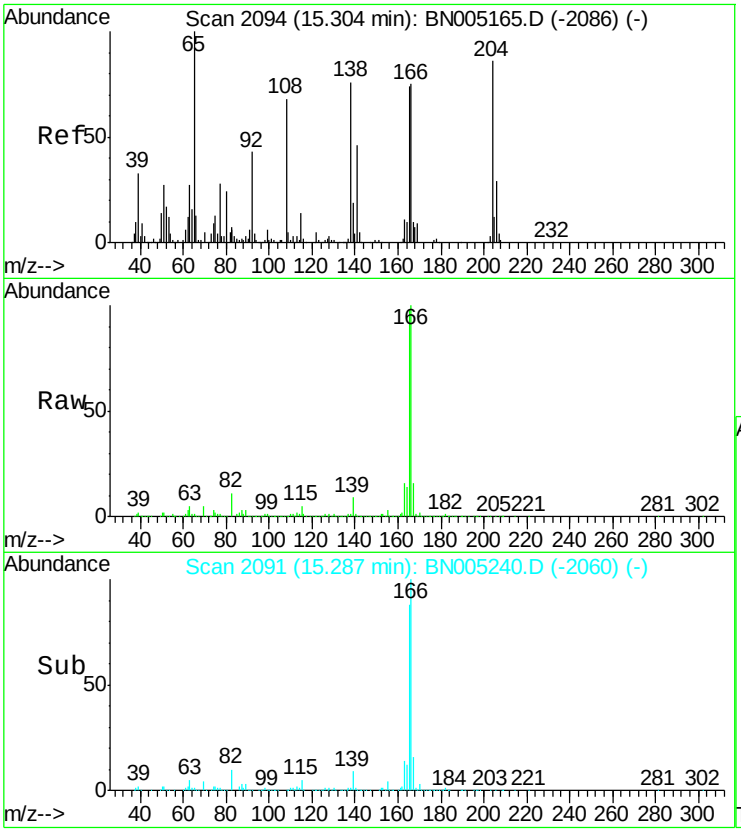


#58
Fluorene
Concen: 31.296 ng/ul
RT: 15.29 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Tgt Ion:166 Resp: 2533341

Ion	Ratio	Lower	Upper
166	100		
165	98.2	80.0	120.0
167	15.7	10.7	16.1



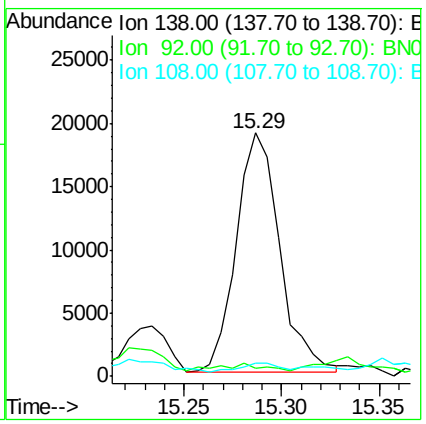


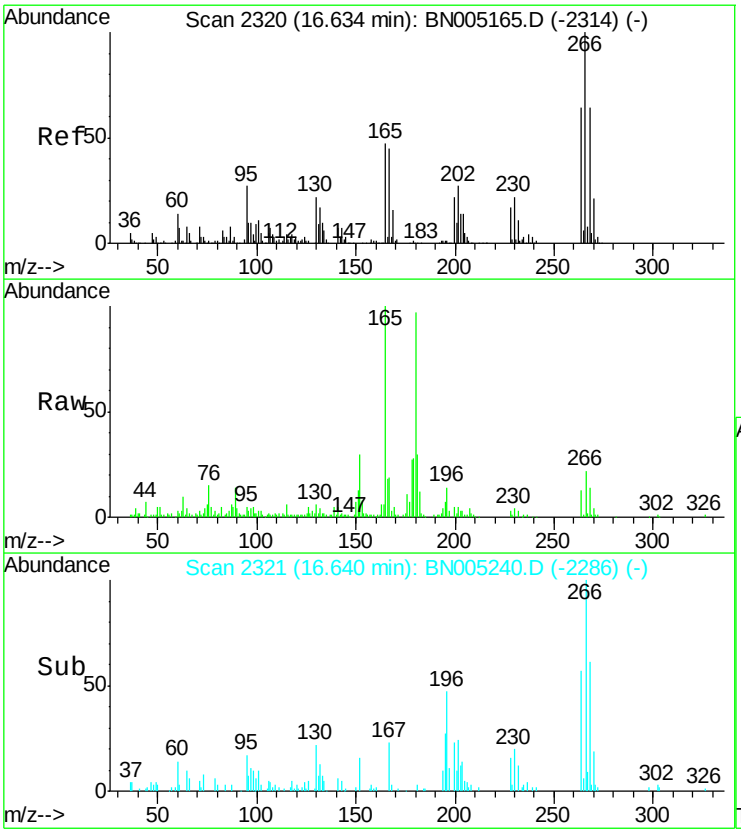
#60
4-Nitroaniline
Concen: 1.677 ng/ul
RT: 15.29 min Scan# 2091
Delta R.T. -0.02 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Tgt Ion:138 Resp: 29245

Ion	Ratio	Lower	Upper
138	100		
92	3.5	45.3	67.9#
108	5.2	73.2	109.8#

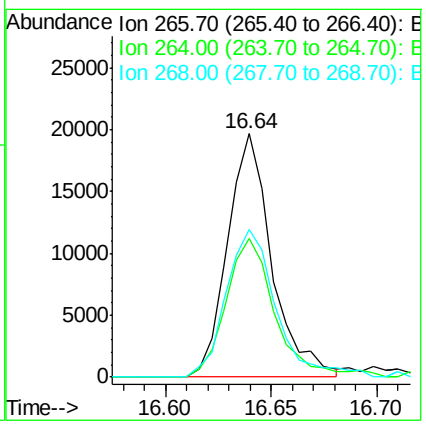


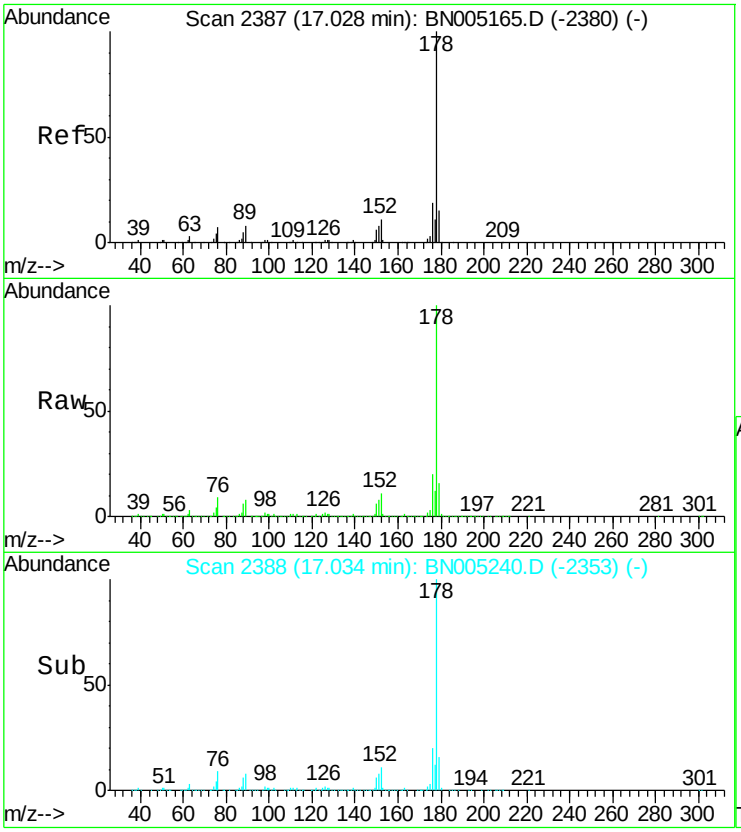


#68
Pentachlorophenol
Concen: 1.928 ng/ul
RT: 16.64 min Scan# 2321
Delta R.T. 0.01 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Tgt Ion:266 Resp: 28564

Ion	Ratio	Lower	Upper
266	100		
264	57.1	49.7	74.5
268	60.8	52.4	78.6



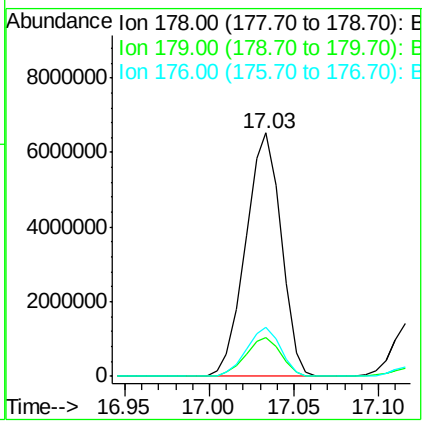


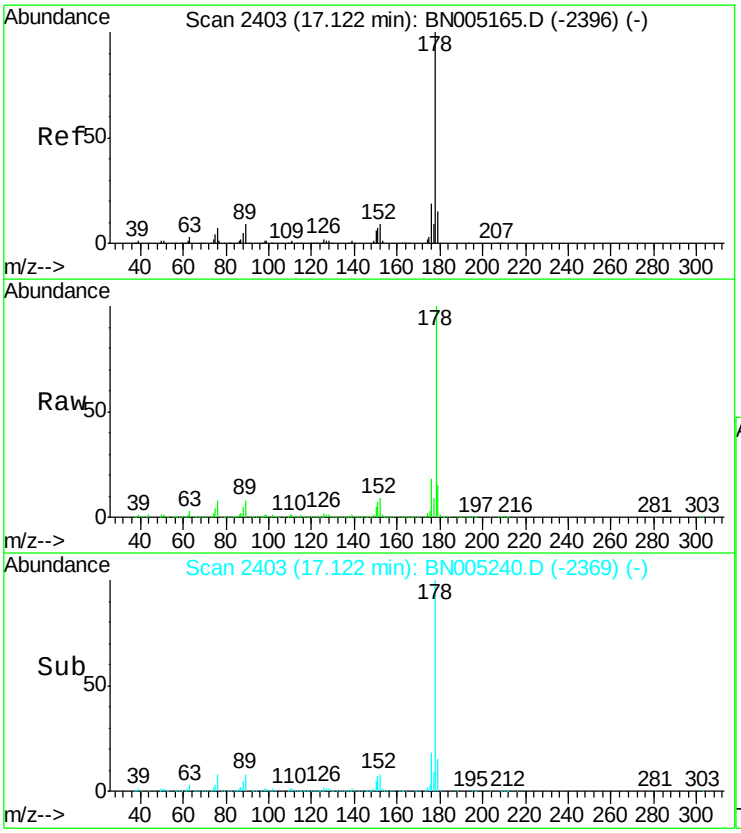
#69
Phenanthrene
Concen: 83.044 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. 0.01 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Tgt Ion:178 Resp: 9539546

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.4
176	20.2	15.1	22.7

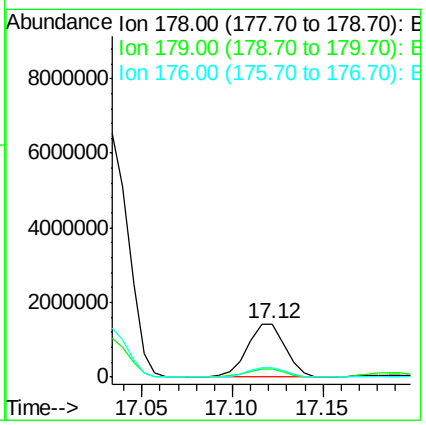


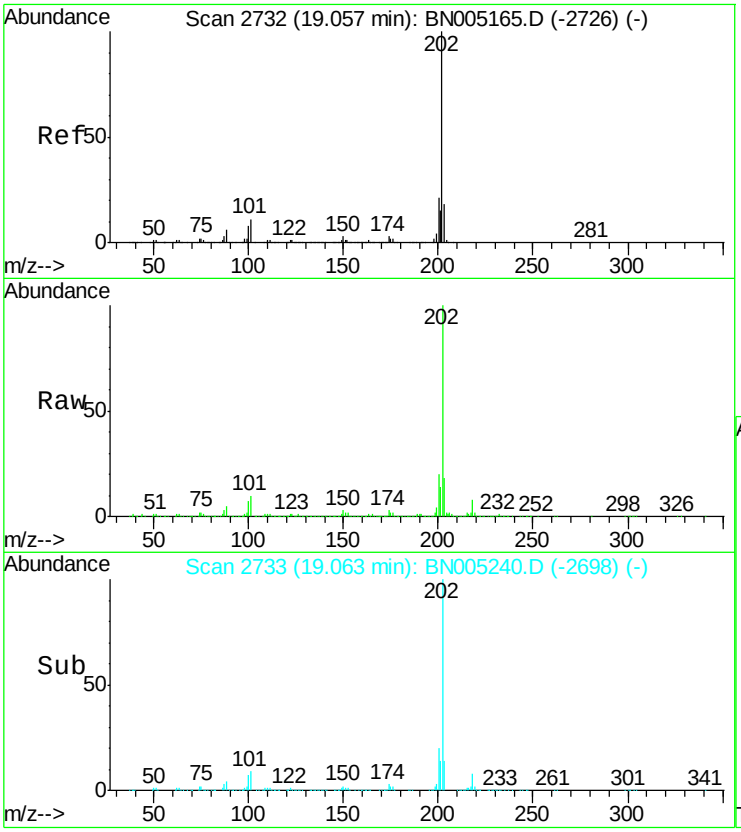


#71
Anthracene
Concen: 17.580 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Tgt Ion:178 Resp: 2057214

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.3	15.1	22.7



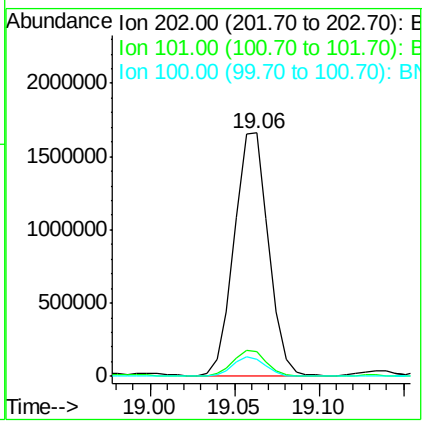


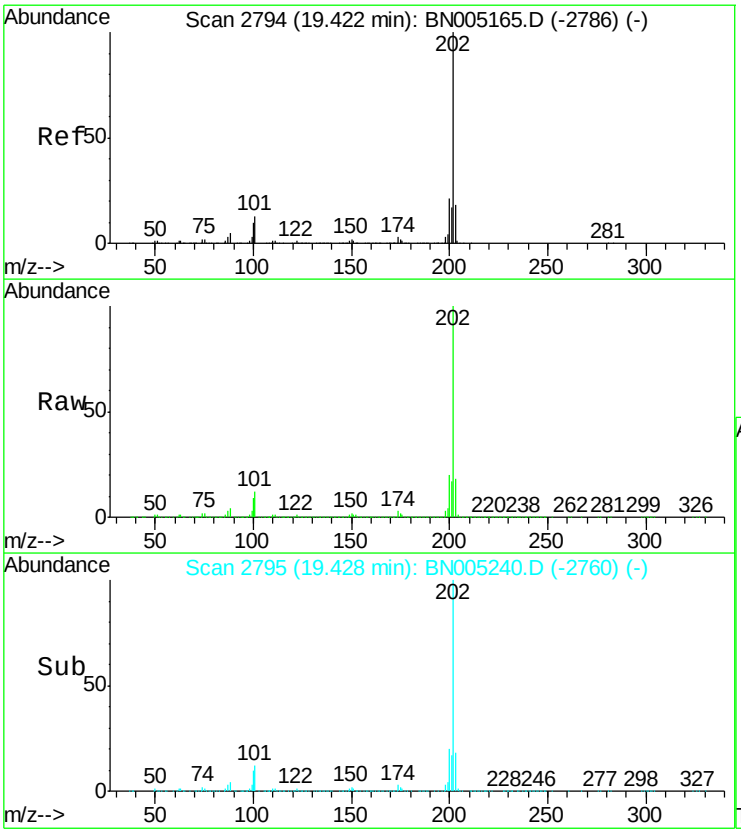
#76
Fluoranthene
Concen: 18.287 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.01 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Tgt Ion:202 Resp: 2330111

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.6	12.8
100	7.2	6.3	9.5

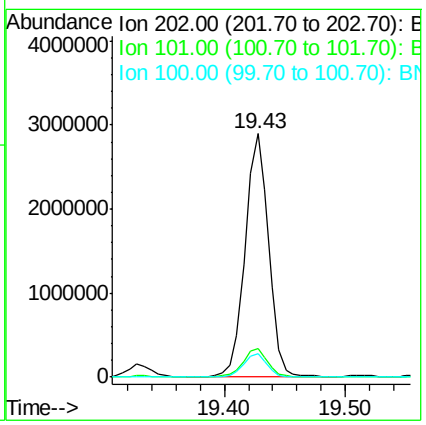


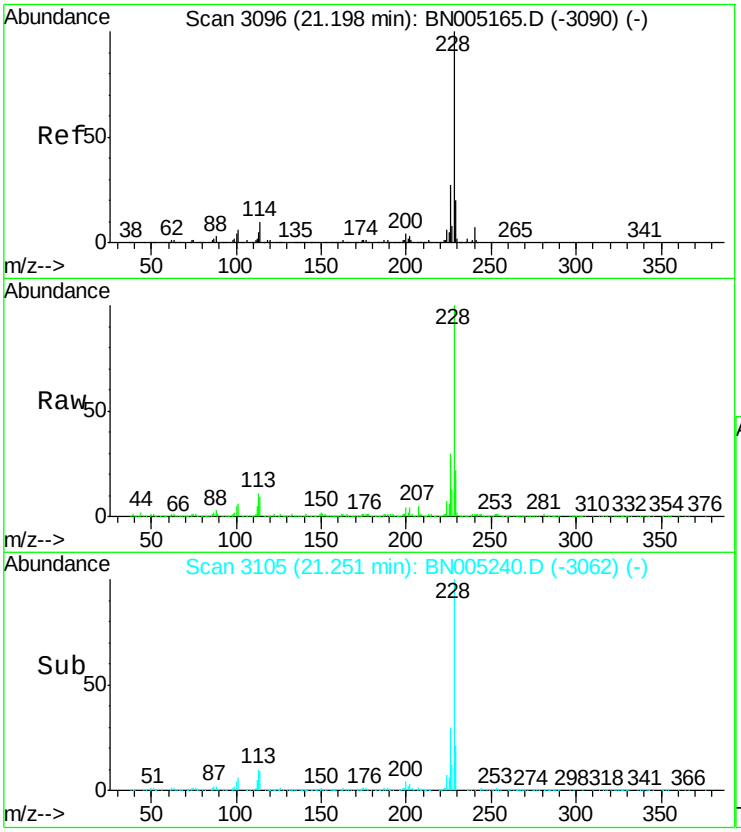


#79
Pyrene
Concen: 31.512 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Tgt Ion:202 Resp: 3913858

Ion	Ratio	Lower	Upper
202	100		
101	11.7	10.3	15.5
100	9.5	7.9	11.9



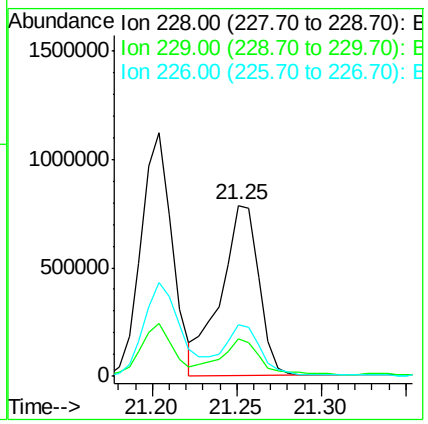


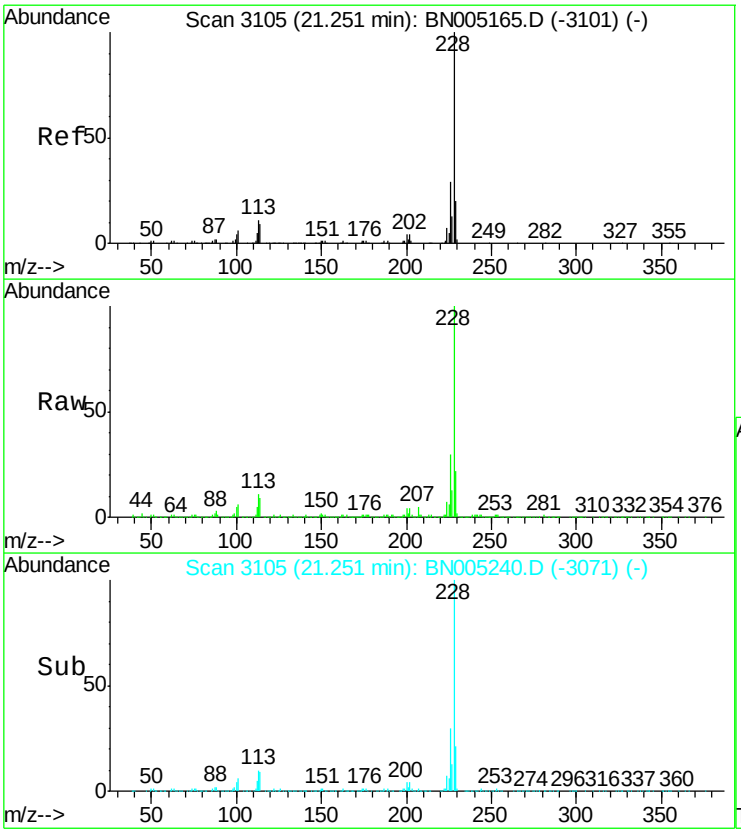
#82
Benzo(a)anthracene
Concen: 10.230 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.05 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Tgt Ion:228 Resp: 1227617

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.8	23.6
226	30.4	21.4	32.2

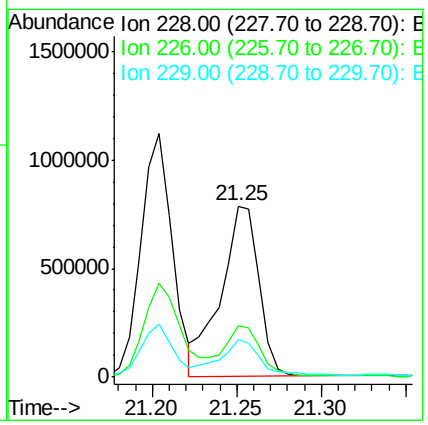


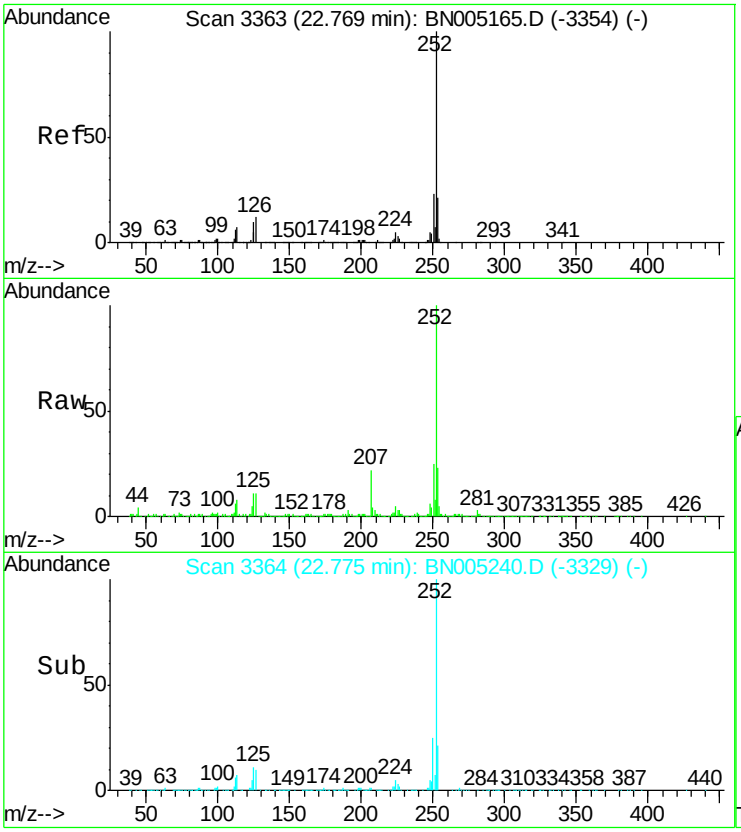


#84
Chrysene
Concen: 11.026 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Tgt Ion:228 Resp: 1228027

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	22.2	15.4	23.0



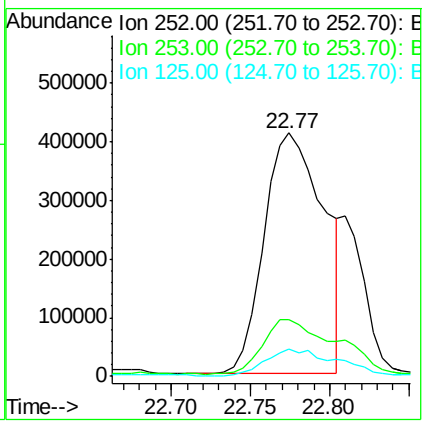


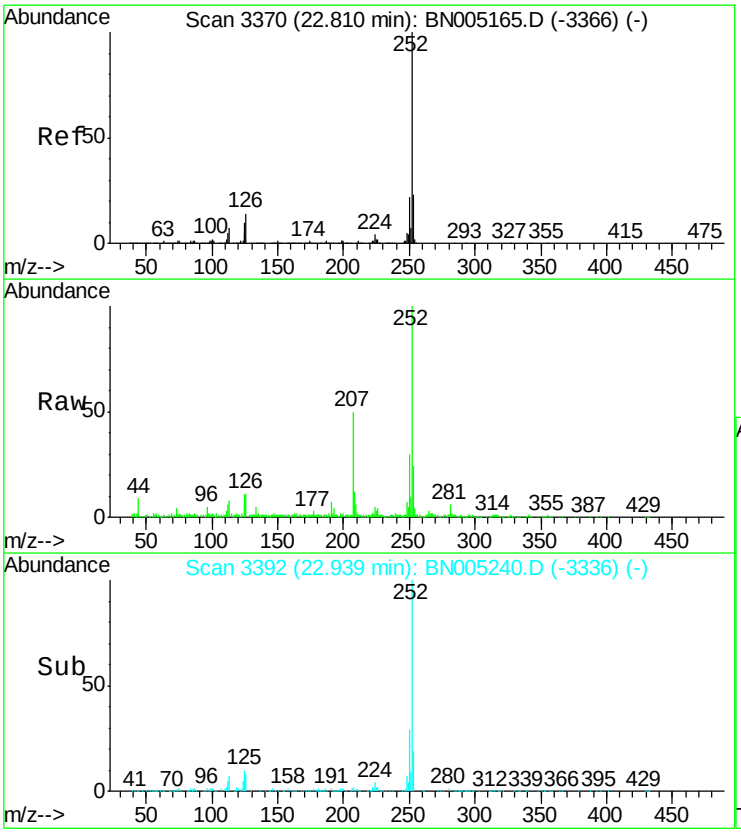
#87
Benzo(b)fluoranthene
Concen: 9.136 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Tgt Ion:252 Resp: 1076422

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	11.3	8.4	12.6

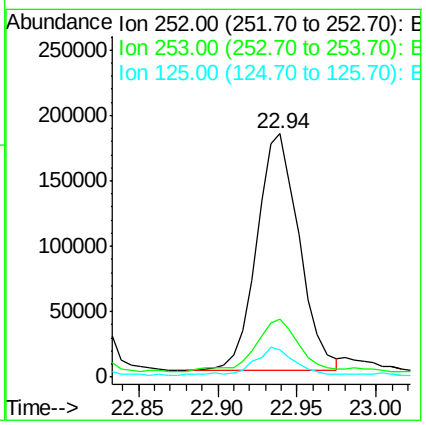


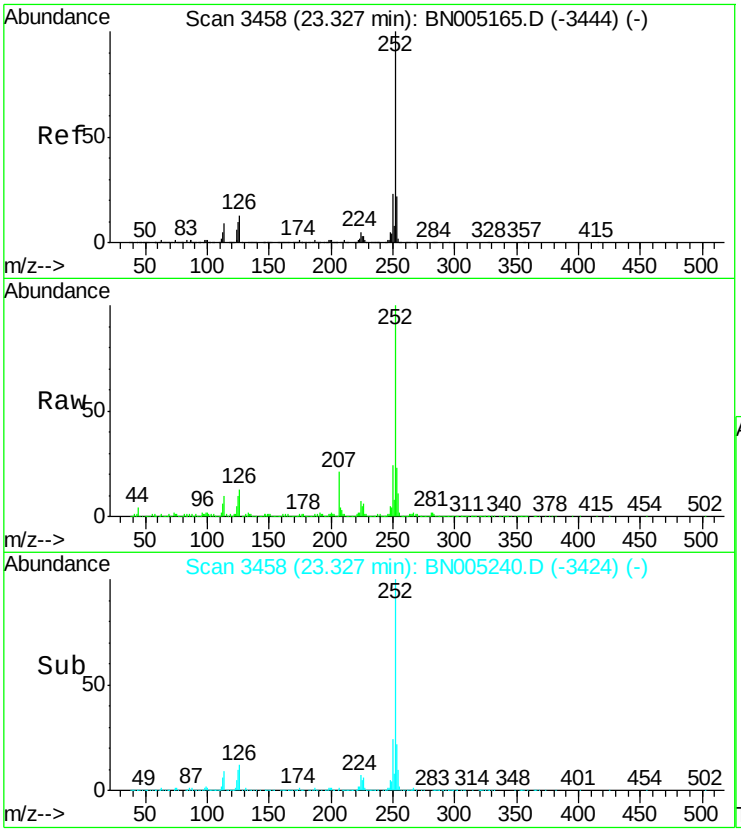


#88
Benzo(k)fluoranthene
Concen: 2.996 ng/ul
RT: 22.94 min Scan# 3392
Delta R.T. 0.13 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Tgt Ion:252 Resp: 337099

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	11.2	7.5	11.3



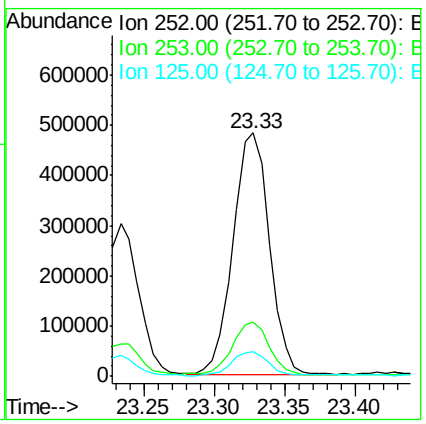


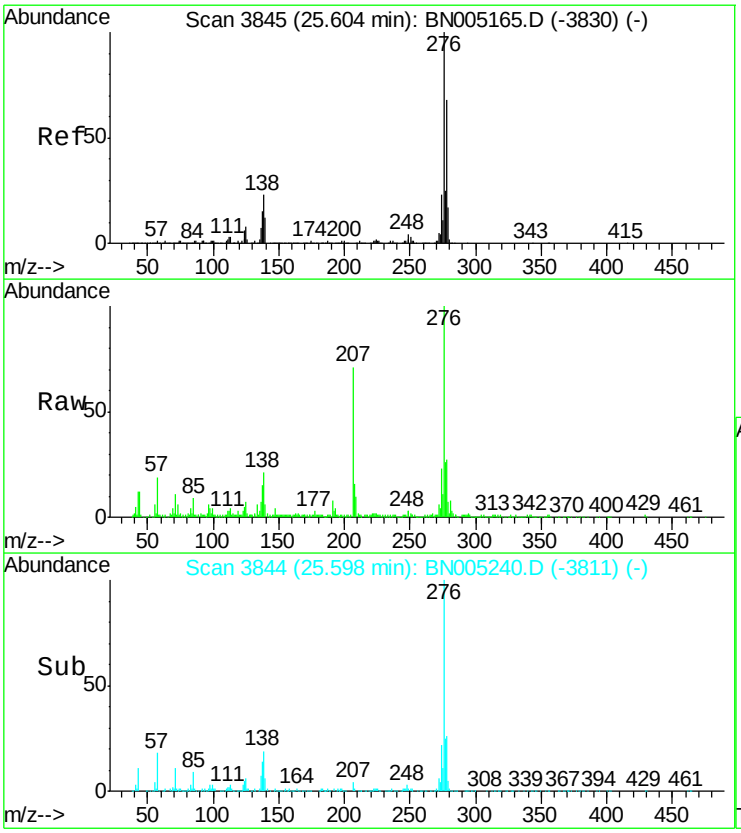
#90
Benzo(a)pyrene
Concen: 7.838 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. 0.00 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Tgt Ion:252 Resp: 868060

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	10.0	8.6	13.0

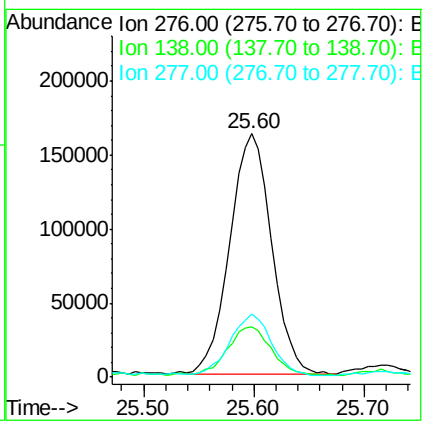


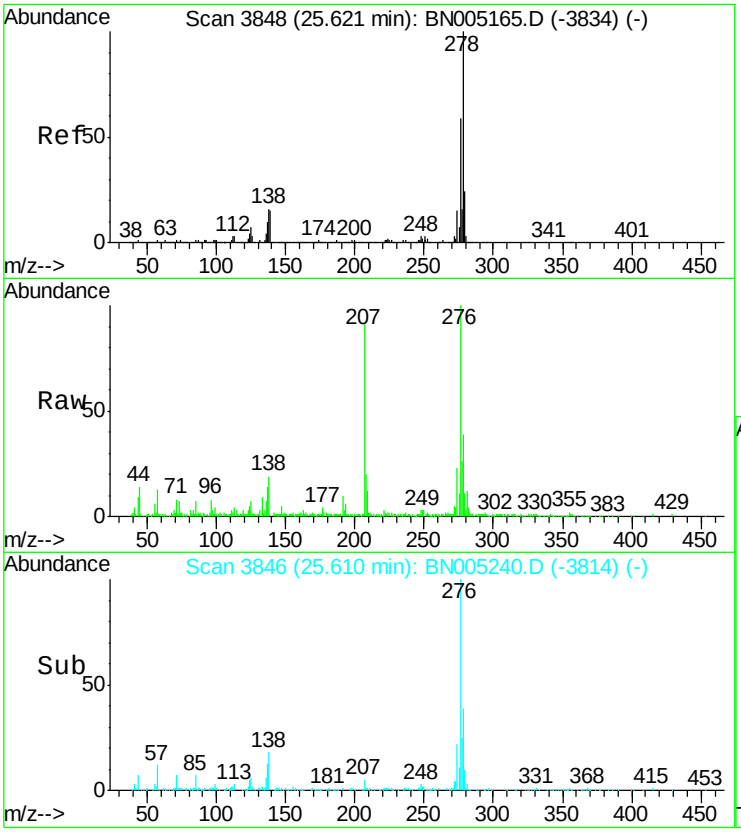


#91
Indeno(1,2,3-cd)pyrene
Concen: 3.519 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Tgt Ion:276 Resp: 430864

Ion	Ratio	Lower	Upper
276	100		
138	20.7	17.9	26.9
277	25.7	19.7	29.5



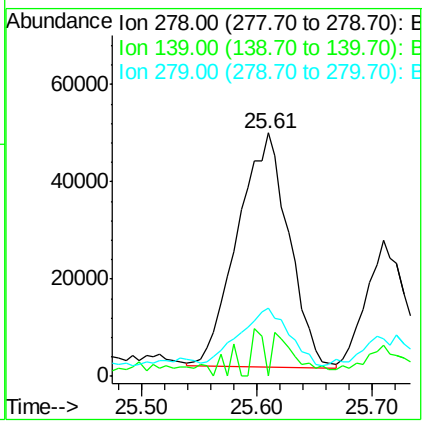


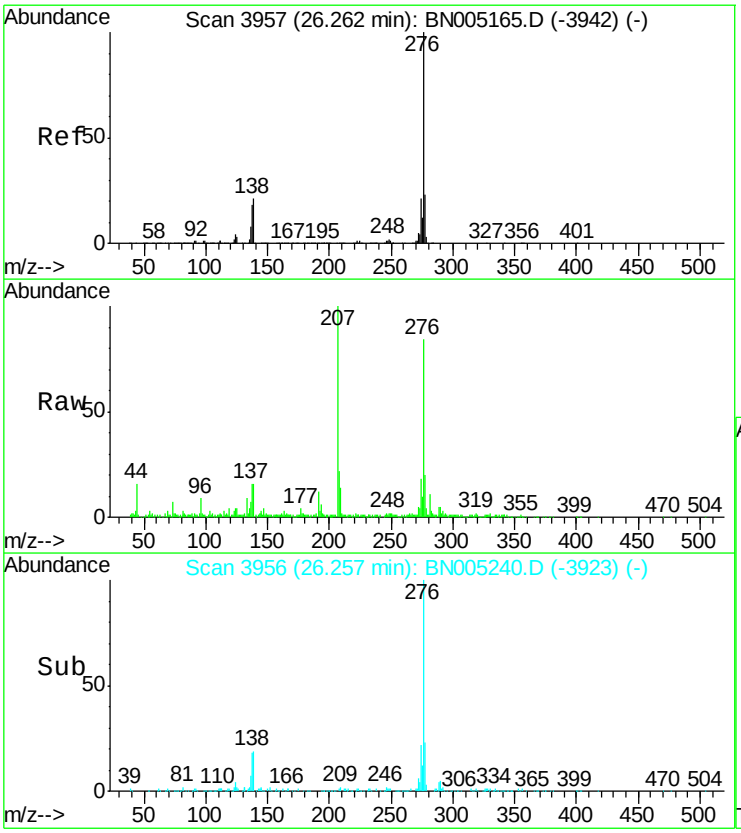
#92
Dibenzo(a,h)anthracene
Concen: 1.433 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Instrument :
BNA_N
ClientSampleId :
GAHQ8MSD

Tgt Ion:278 Resp: 148877

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.1	19.7#
279	27.9	19.4	29.0





#93
Benzo(g,h,i)perylene
Concen: 2.787 ng/ul
RT: 26.26 min Scan# 3956
Delta R.T. -0.01 min
Lab File: BN005240.D
Acq: 24 Apr 2019 06:34

Tgt Ion:276 Resp: 282132

Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.7	25.1
277	24.3	18.2	27.2