Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005327.D
Acq On : 26 Apr 2019 21:38
Operator : JU/SJ
Sample : K2455-05ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ7ME

Quant Time: Apr 26 23:32:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 23:25:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	468873	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	1953154	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.23	164	1328478	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2921759	20.00	ng/ul	0.01
77) Chrysene-d12	21.22	240	2602668	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	2585443	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	34059	3.51	ng/uL	0.00
5) Phenol-d5	6.78	99	812601	22.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	496742	21.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	647226	22.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	620010	21.54	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	378197	31.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	391048	32.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	688916	24.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	924709	32.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	2196710	22.78	ng/ul	0.01
46) Acenaphthylene-d8	13.93	160	2729701	23.05	ng/ul	0.01
51) 4-Nitrophenol-d4	14.44	143	363149	23.85	ng/ul	0.00
57) Fluorene-d10	15.23	176	1895919	23.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	198847	15.13	ng/ul	0.02
70) Anthracene-d10	17.10	188	3002384	24.51	ng/ul	0.02
78) Pyrene-d10	19.40	212	3569498	26.81	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.29	264	2954127	26.15	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	6.76	77	47957	1.838	ng/ul#	1
14) Acetophenone	8.40	105	247968	5.382	ng/ul#	77
17) Hexachloroethane	8.69	117	593828	46.935	ng/ul#	6
30) 4-Chloroaniline	10.45	127	10058724	342.785	ng/ul#	11
32) Caprolactam	11.29	113	12159	1.458	ng/ul#	1
34) 2-Methylnaphthalene	11.90	142	301828	4.540	ng/ul#	78
40) 1,1'-Biphenyl	13.06	154	6181553	62.450	ng/ul	99
42) 2-Nitroaniline	13.26	65	100199	4.962	ng/ul#	33
44) Dimethylphthalate	13.70	163	218751	2.276	ng/ul	98
47) Acenaphthylene	13.96	152	18251828	156.801	ng/ul#	80
49) Acenaphthene	14.30	153	2752551	34.638	ng/ul	99
53) Dibenzofuran	14.63	168	2662158	23.268	ng/ul	95
54) 2,4-Dinitrotoluene	14.60	165	195269	8.164	ng/ul#	45
58) Fluorene	15.30	166	13340943	149.432	ng/ul	97
60) 4-Nitroaniline	15.30	138	159130	8.275	ng/ul#	15
64) N-Nitrosodiphenylamine	15.50	169	233291	2.917	ng/ul#	62
69) Phenanthrene	17.13	178	7651856	53.775	ng/ul	99
71) Anthracene	17.13	178	7631422	52.647	ng/ul	99
76) Fluoranthene	19.22	202	5999433	38.012	ng/ul	97
82) Benzo(a)anthracene	21.26	228	7127527	44.021	ng/ul	94
84) Chrysene	21.26	228	7127527	47.431	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	4565347	31.413	ng/ul	99
88) Benzo(k)fluoranthene	22.77	252	4565347	32.891	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005327.D
Acq On : 26 Apr 2019 21:38
Operator : JU/SJ
Sample : K2455-05ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ7ME

Quant Time: Apr 26 23:32:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 23:25:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	23.33	252	3426491	25.083	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	1639866	10.858	ng/ul	97
92) Dibenzo(a,h)anthracene	25.61	278	512205	3.996	ng/ul	96
93) Benzo(g,h,i)perylene	26.26	276	1424988	11.410	ng/ul	97

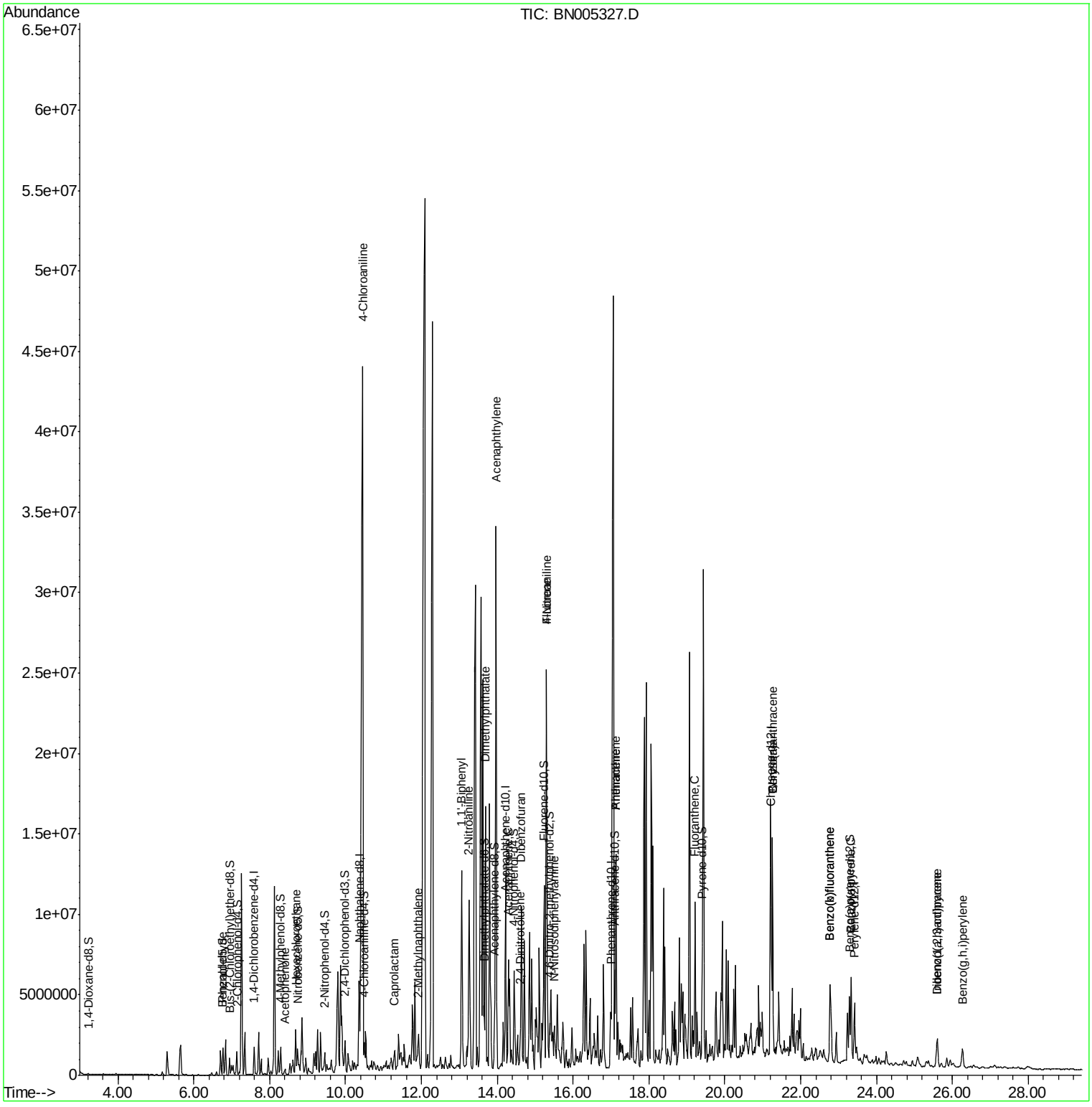
(#) = qualifier out of range (m) = manual integration (+) = signals summed

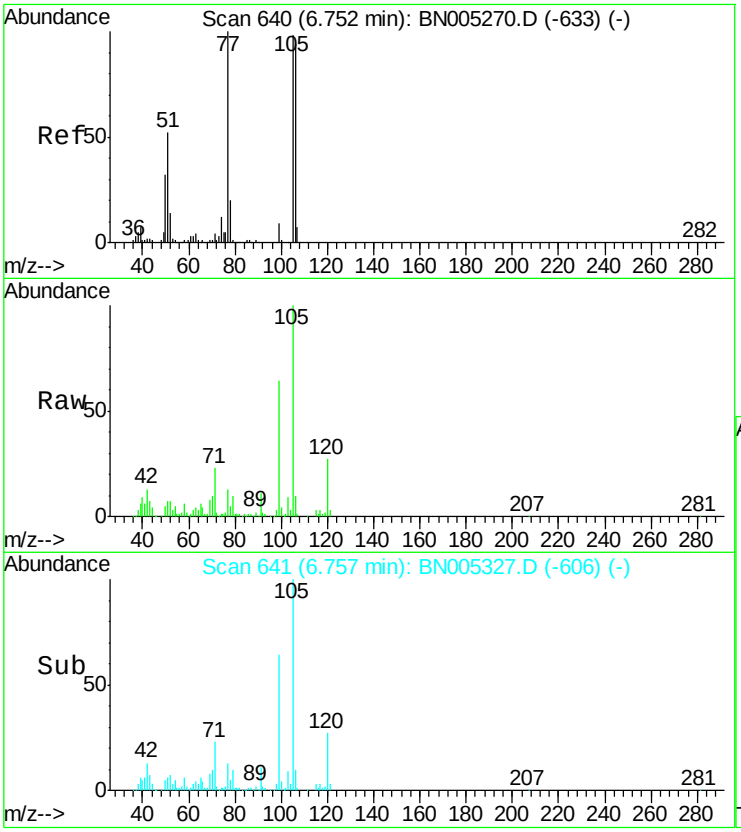
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005327.D
Acq On : 26 Apr 2019 21:38
Operator : JU/SJ
Sample : K2455-05ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Quant Time: Apr 26 23:32:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 23:25:31 2019
Response via : Initial Calibration



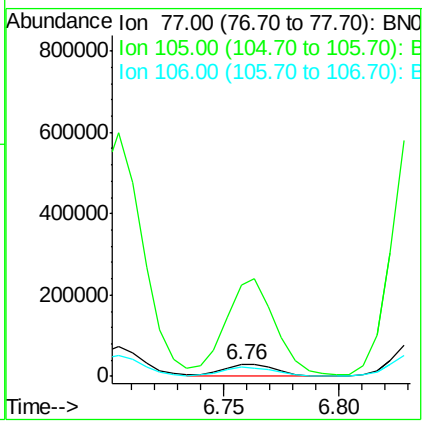


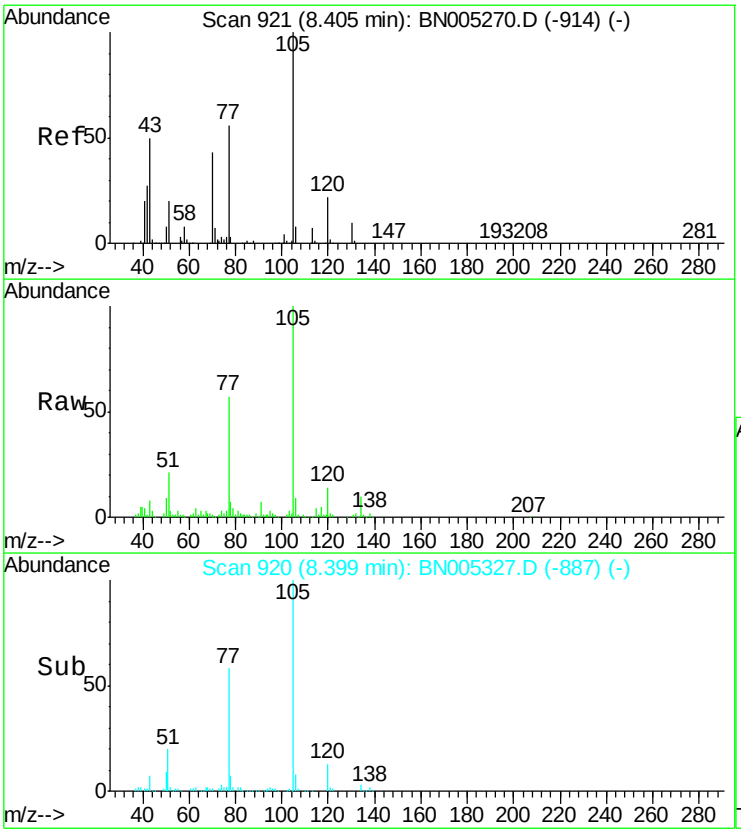
#4
Benzaldehyde
Concen: 1.838 ng/ul
RT: 6.76 min Scan# 641
Delta R.T. 0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Tgt Ion: 77 Resp: 47957

Ion	Ratio	Lower	Upper
77	100		
105	776.0	77.4	116.2#
106	78.3	76.3	114.5

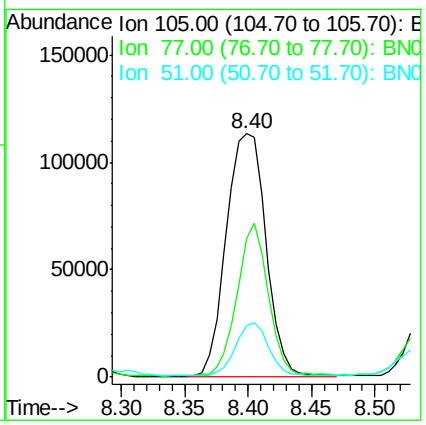


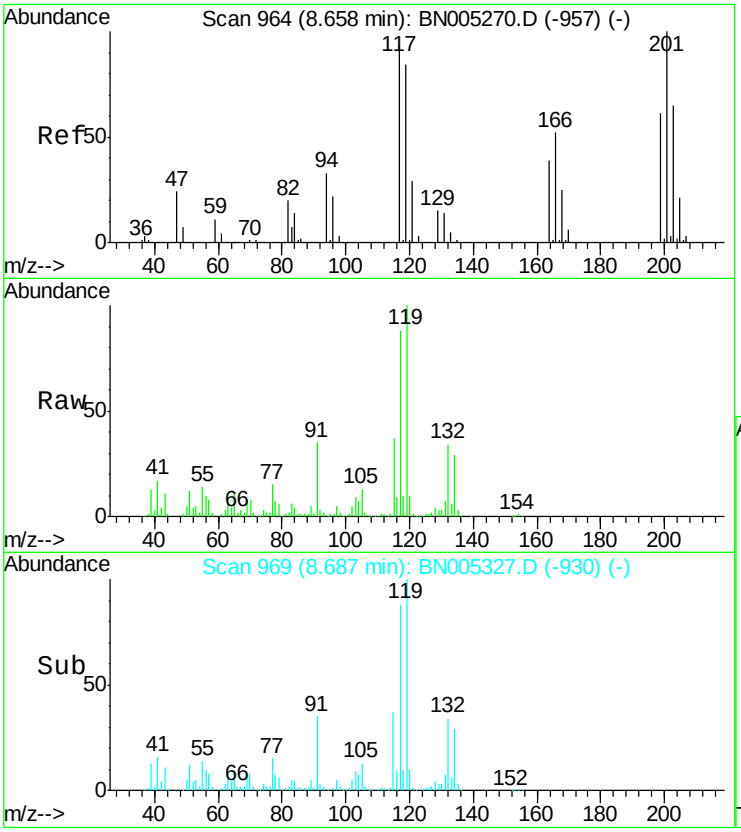


#14
Acetophenone
Concen: 5.382 ng/ul
RT: 8.40 min Scan# 920
Delta R.T. -0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Tgt Ion:105 Resp: 247968

Ion	Ratio	Lower	Upper
105	100		
77	56.8	63.4	95.0#
51	21.0	24.2	36.4#



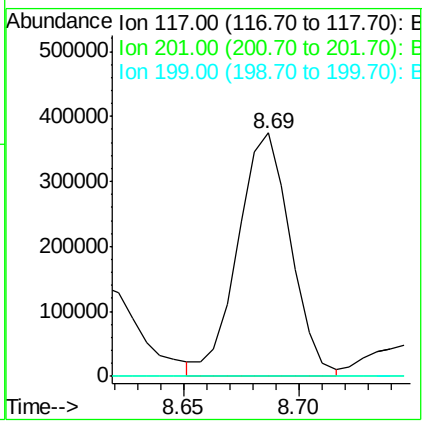


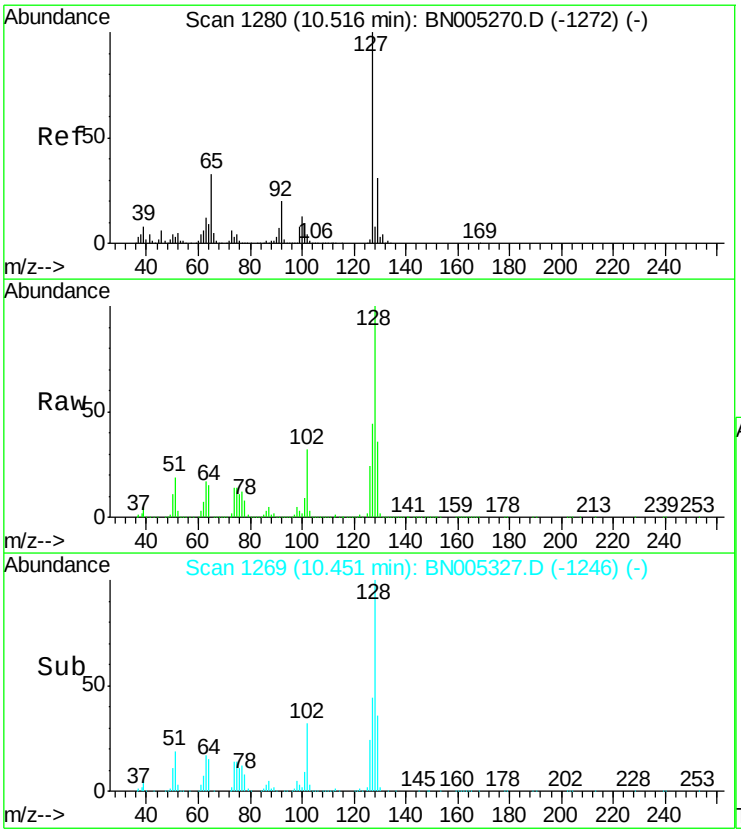
#17
Hexachloroethane
Concen: 46.935 ng/ul
RT: 8.69 min Scan# 969
Delta R.T. 0.03 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Tgt Ion:117 Resp: 593828

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

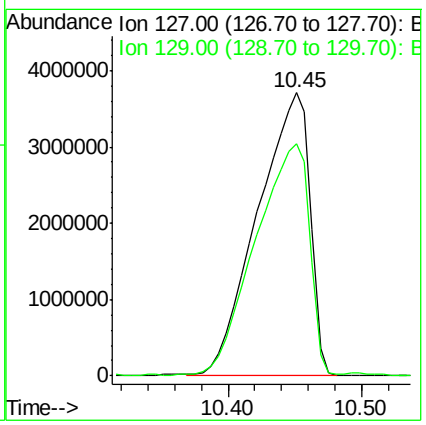


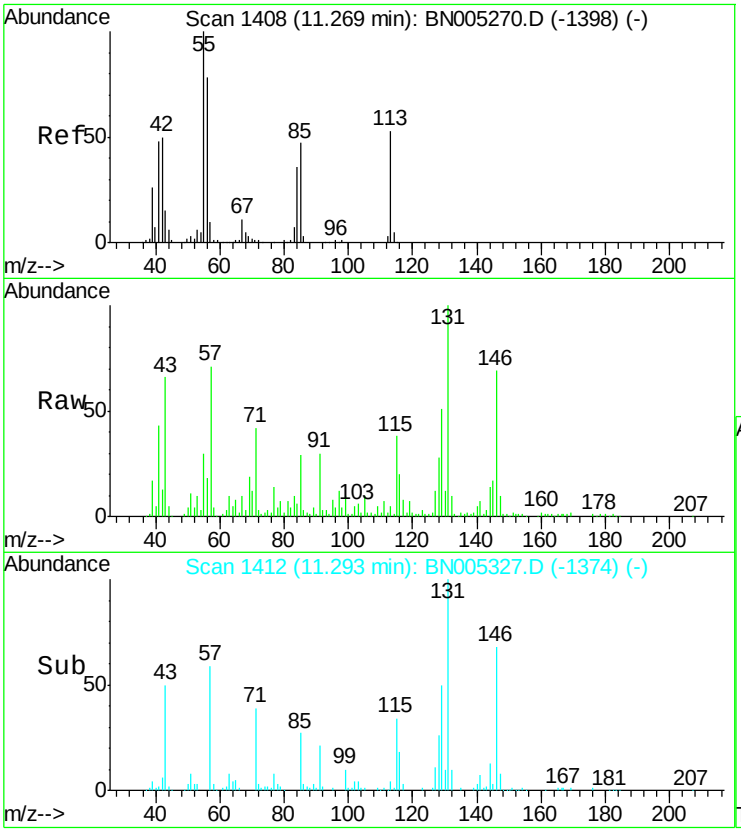


#30
4-Chloroaniline
Concen: 342.785 ng/ul
RT: 10.45 min Scan# 1269
Delta R.T. -0.06 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Tgt Ion:127 Resp:10058724

Ion	Ratio	Lower	Upper
127	100		
129	82.1	25.8	38.6#



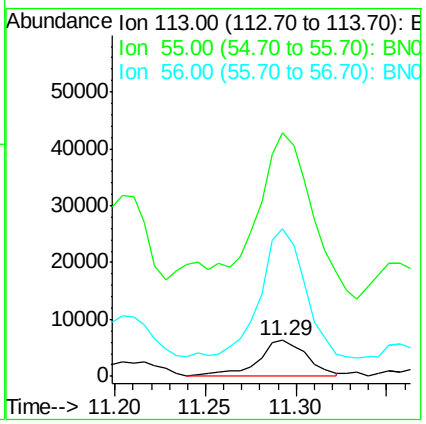


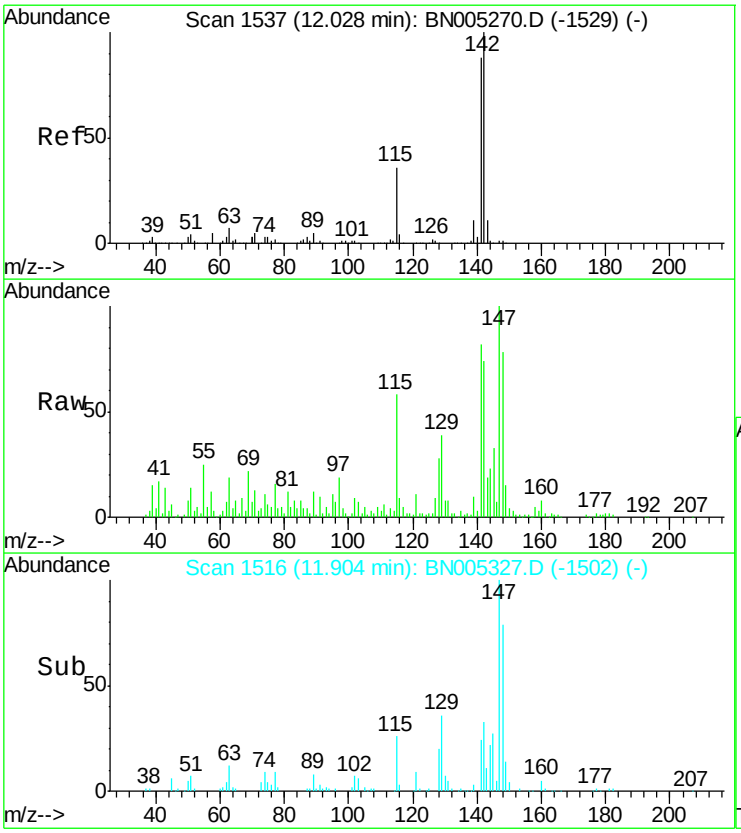
#32
Caprolactam
Concen: 1.458 ng/ul
RT: 11.29 min Scan# 1412
Delta R.T. 0.02 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Tgt Ion:113 Resp: 12159

Ion	Ratio	Lower	Upper
113	100		
55	673.9	157.0	235.4#
56	408.2	119.1	178.7#

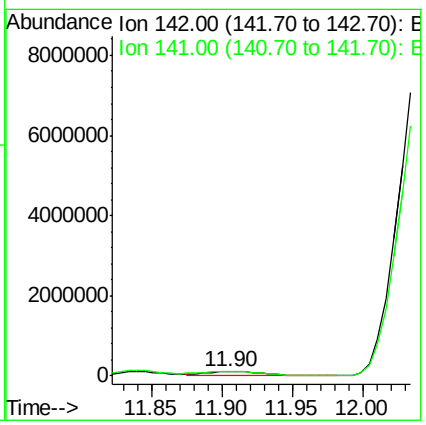


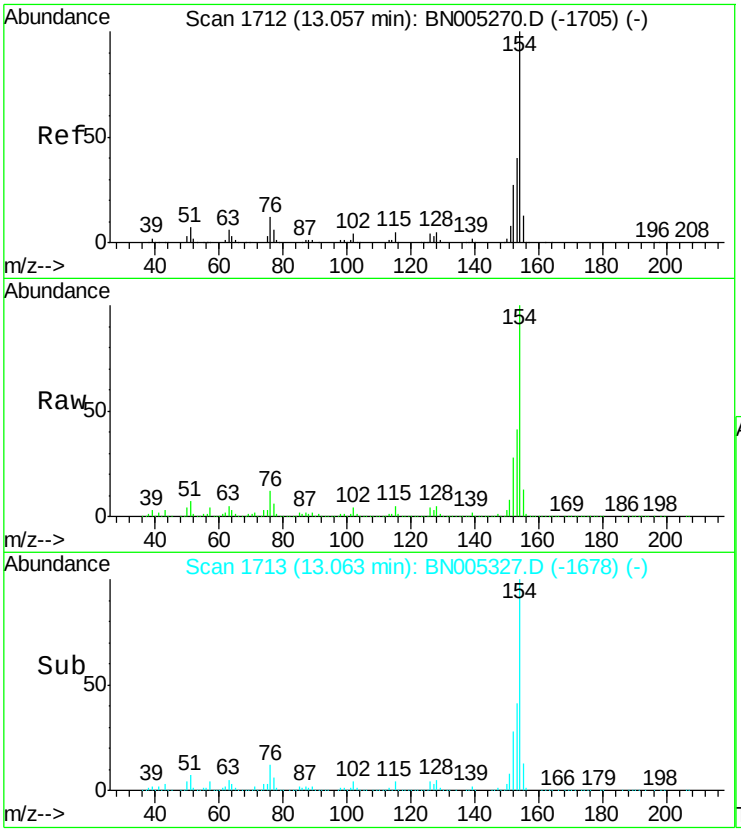


#34
2-Methylnaphthalene
Concen: 4.540 ng/ul
RT: 11.90 min Scan# 1516
Delta R.T. -0.12 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Tgt Ion:142 Resp: 301828

Ion	Ratio	Lower	Upper
142	100		
141	110.8	72.0	108.0#



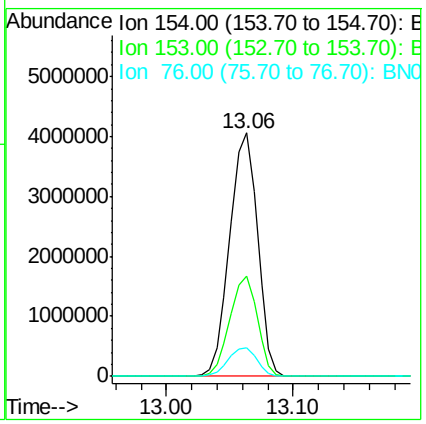


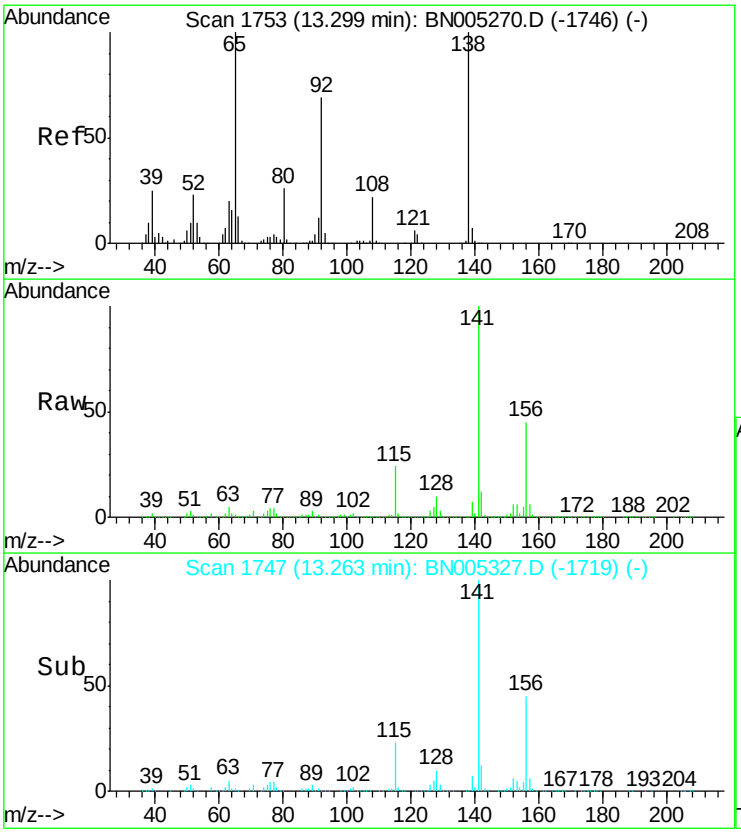
#40
1,1'-Biphenyl
Concen: 62.450 ng/ul
RT: 13.06 min Scan# 1713
Delta R.T. 0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Tgt Ion:154 Resp: 6181553

Ion	Ratio	Lower	Upper
154	100		
153	41.1	32.6	49.0
76	11.6	10.4	15.6

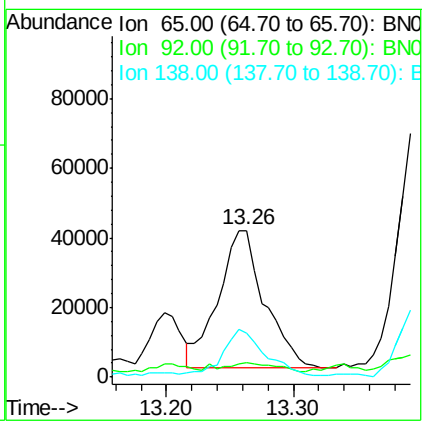


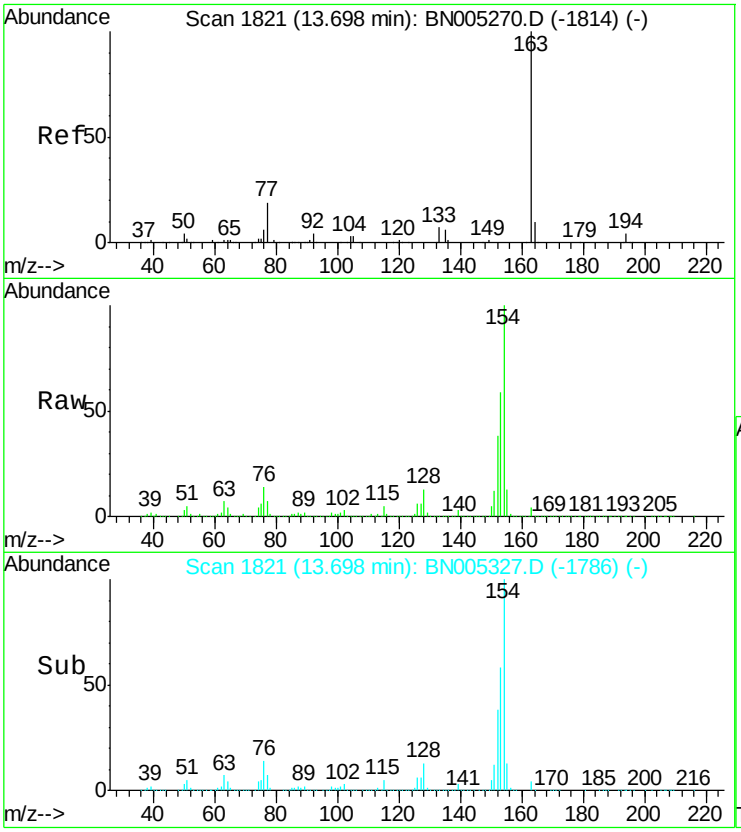


#42
2-Nitroaniline
Concen: 4.962 ng/ul
RT: 13.26 min Scan# 1747
Delta R.T. -0.04 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Tgt Ion: 65 Resp: 100199

Ion	Ratio	Lower	Upper
65	100		
92	9.4	51.6	77.4#
138	29.7	73.9	110.9#



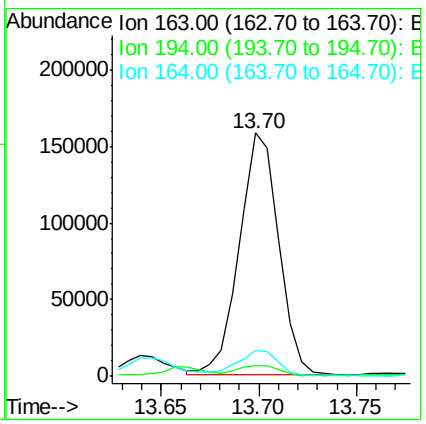


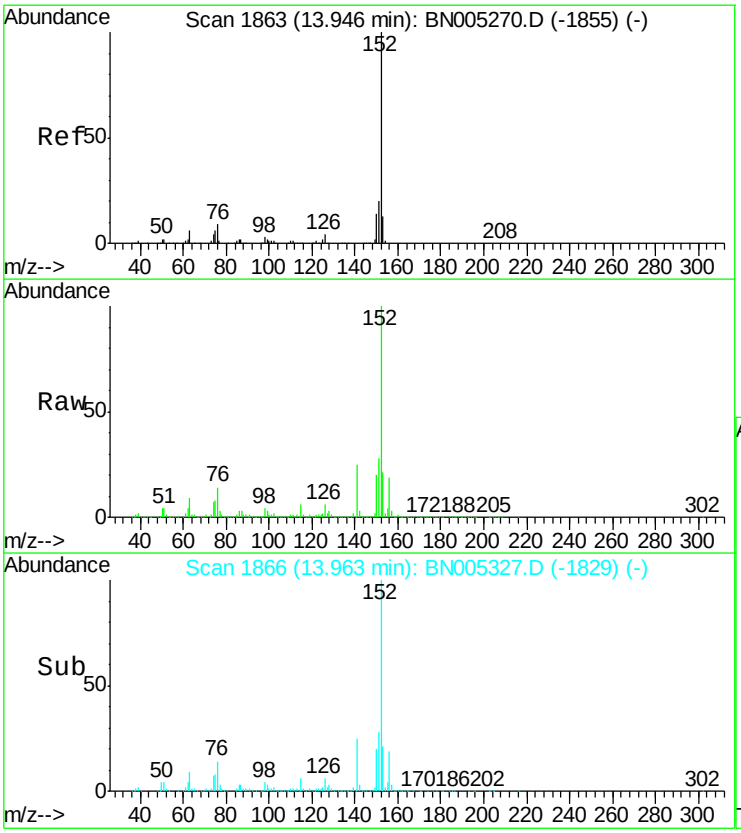
#44
Dimethylphthalate
Concen: 2.276 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Tgt Ion:163 Resp: 218751

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.9	8.1	12.1

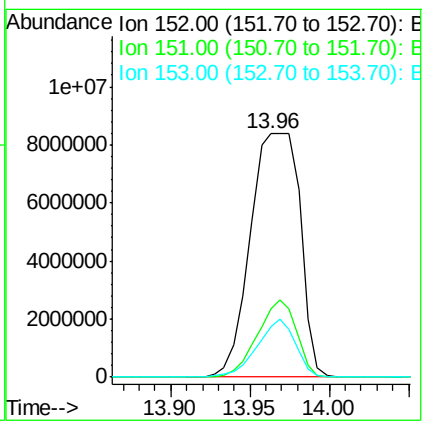


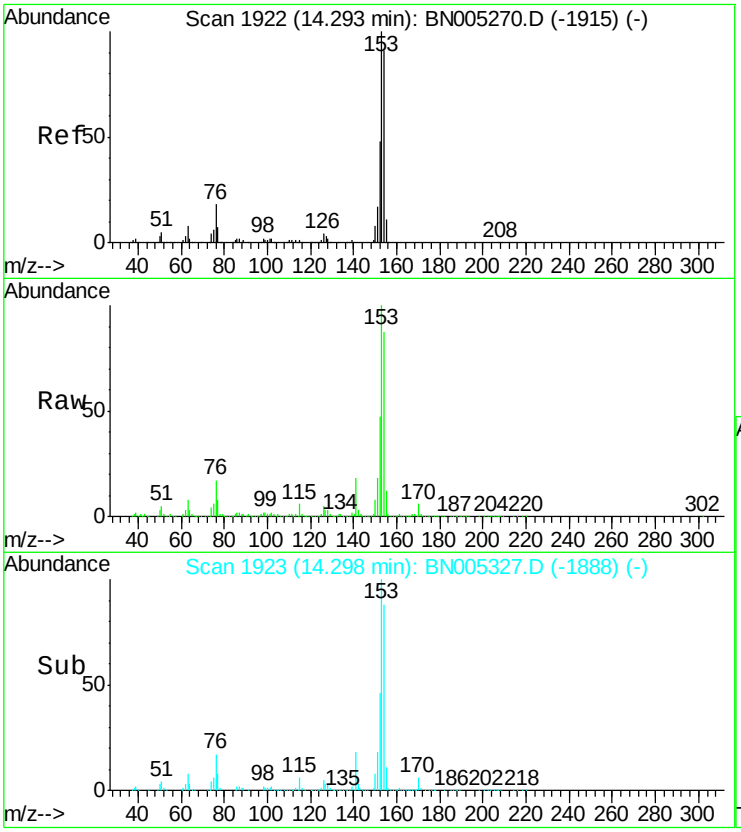


#47
Acenaphthylene
Concen: 156.801 ng/ul
RT: 13.96 min Scan# 1866
Delta R.T. 0.02 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Tgt Ion:152 Resp:18251828

Ion	Ratio	Lower	Upper
152	100		
151	28.2	15.8	23.8#
153	20.8	9.8	14.8#



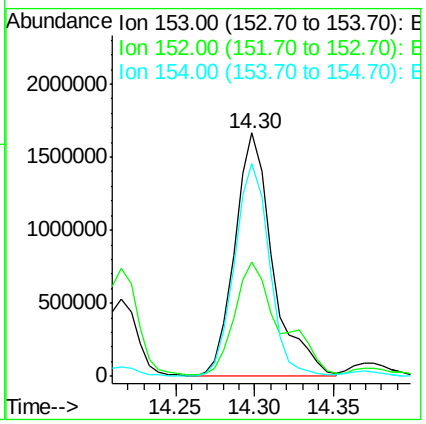


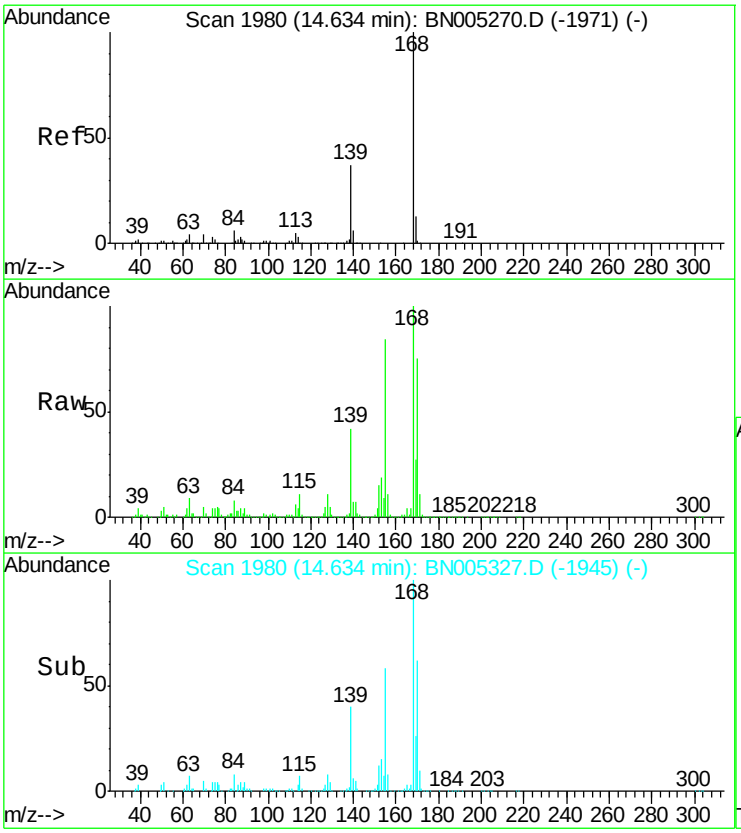
#49
Acenaphthene
Concen: 34.638 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. 0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Tgt Ion:153 Resp: 2752551

Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.4	56.0
154	87.4	71.2	106.8

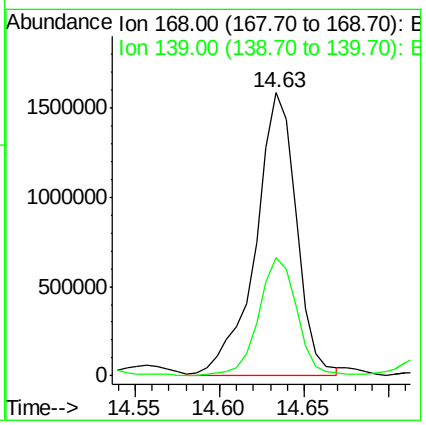


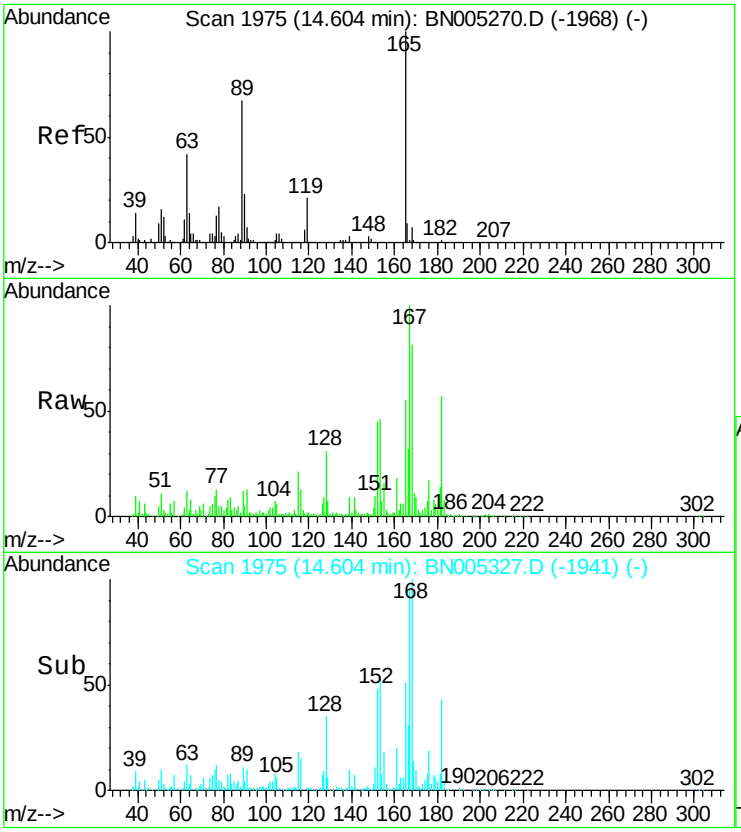


#53
Dibenzofuran
Concen: 23.268 ng/ul
RT: 14.63 min Scan# 1980
Delta R.T. 0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Tgt Ion:168 Resp: 2662158

Ion	Ratio	Lower	Upper
168	100		
139	41.9	30.9	46.3



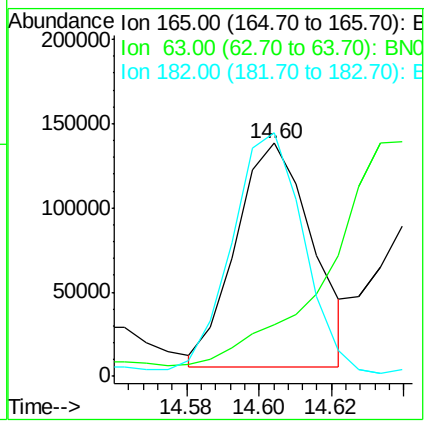


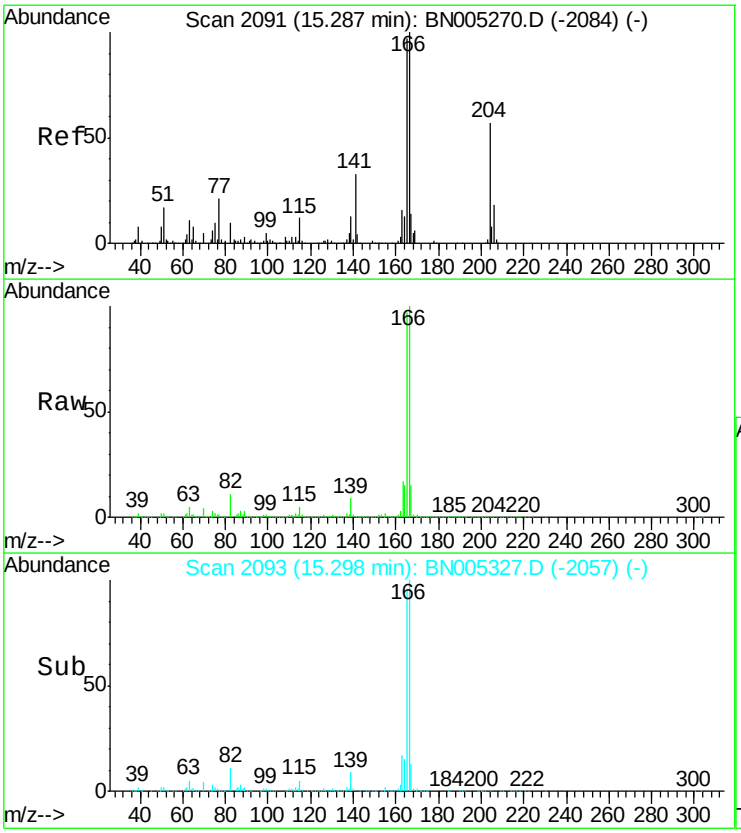
#54
2,4-Dinitrotoluene
Concen: 8.164 ng/ul
RT: 14.60 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Tgt Ion:165 Resp: 195269

Ion	Ratio	Lower	Upper
165	100		
63	22.2	38.9	58.3#
182	104.5	2.6	3.8#

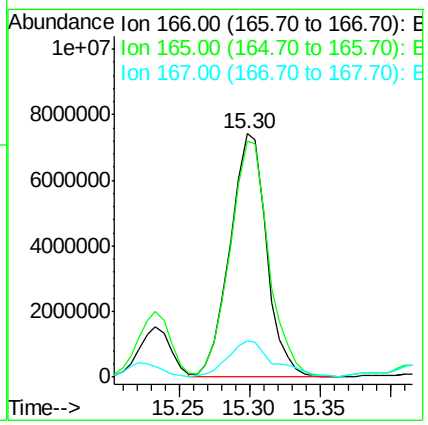


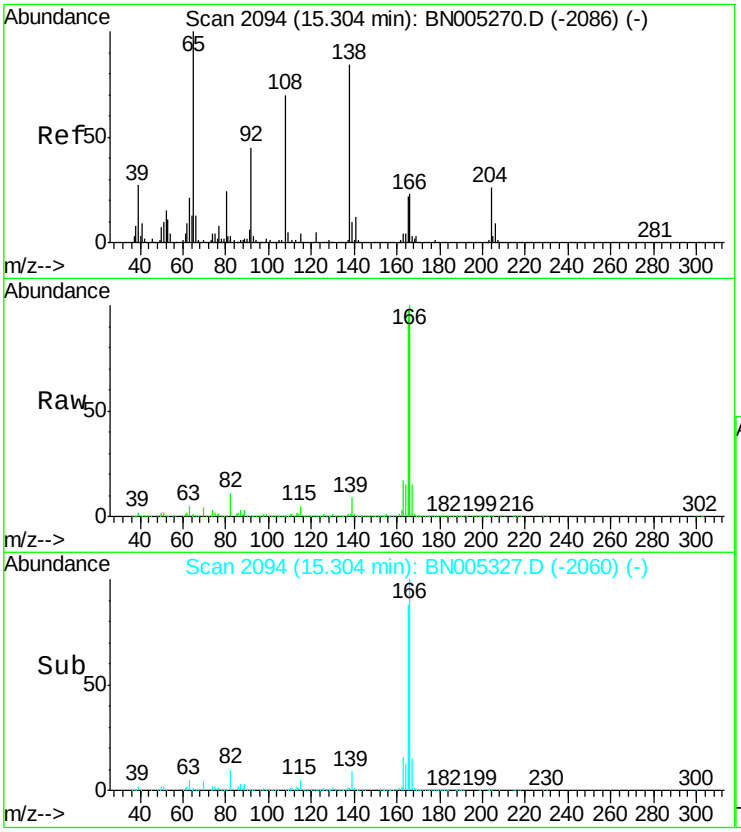


#58
Fluorene
Concen: 149.432 ng/ul
RT: 15.30 min Scan# 2093
Delta R.T. 0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Tgt Ion:166 Resp:13340943

Ion	Ratio	Lower	Upper
166	100		
165	97.1	80.0	120.0
167	15.1	10.7	16.1



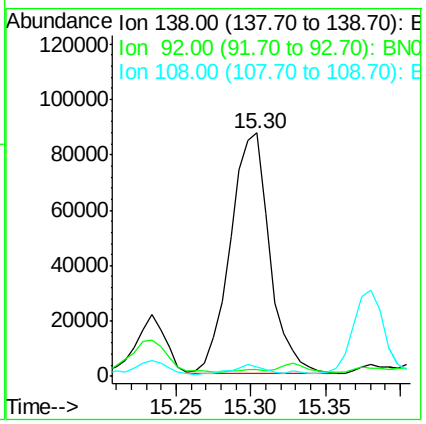


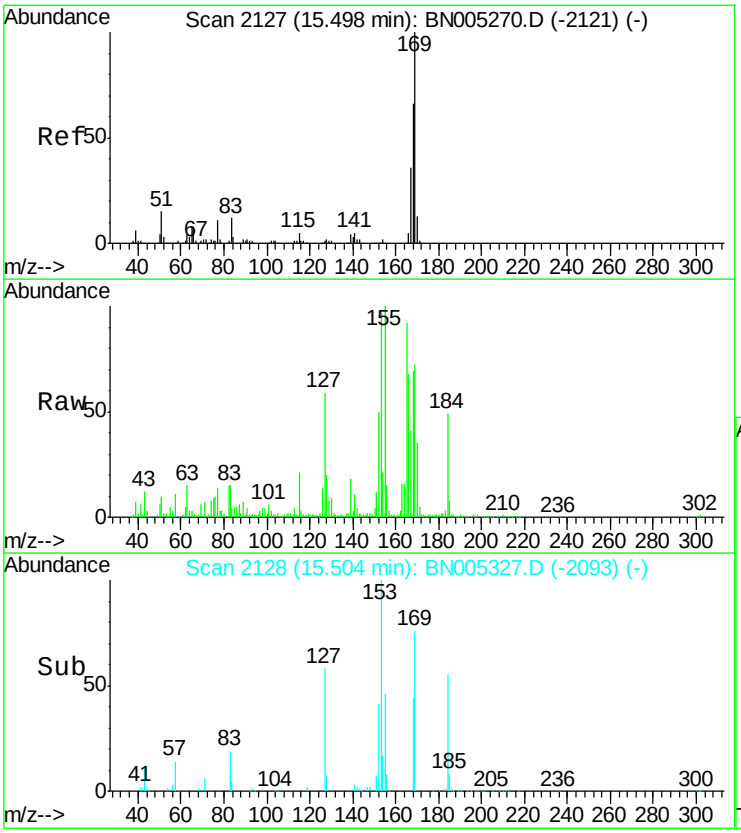
#60
4-Nitroaniline
Concen: 8.275 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Tgt Ion:138 Resp: 159130

Ion	Ratio	Lower	Upper
138	100		
92	2.8	45.3	67.9#
108	4.1	73.2	109.8#

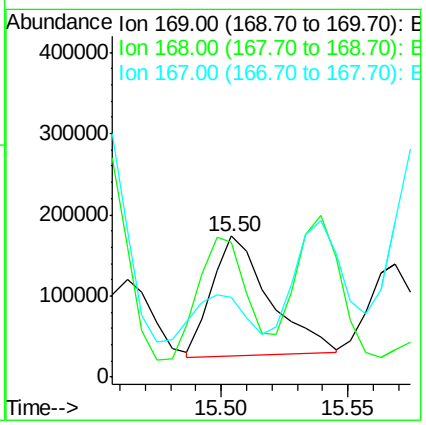


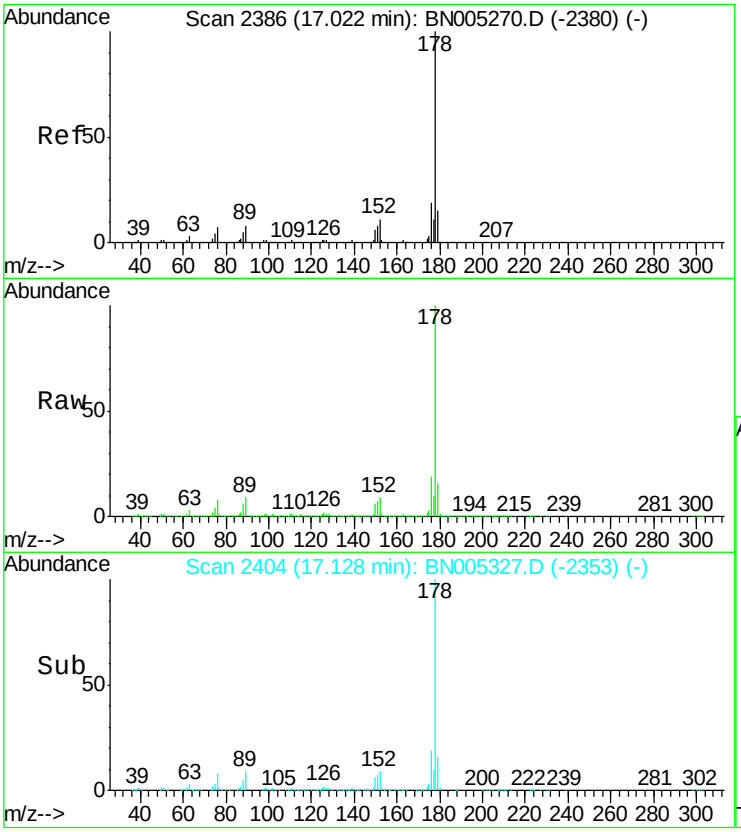


#64
N-Nitrosodiphenylamine
Concen: 2.917 ng/ul
RT: 15.50 min Scan# 2128
Delta R.T. 0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Tgt Ion:169 Resp: 233291

Ion	Ratio	Lower	Upper
169	100		
168	95.6	52.2	78.2#
167	56.5	27.7	41.5#



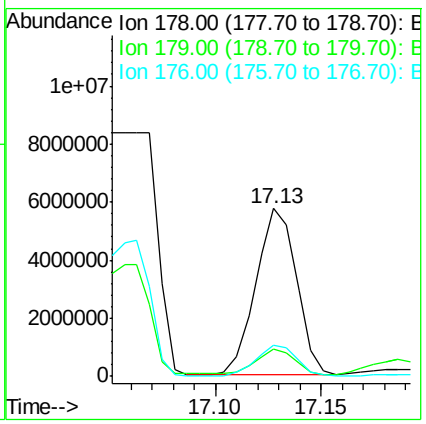


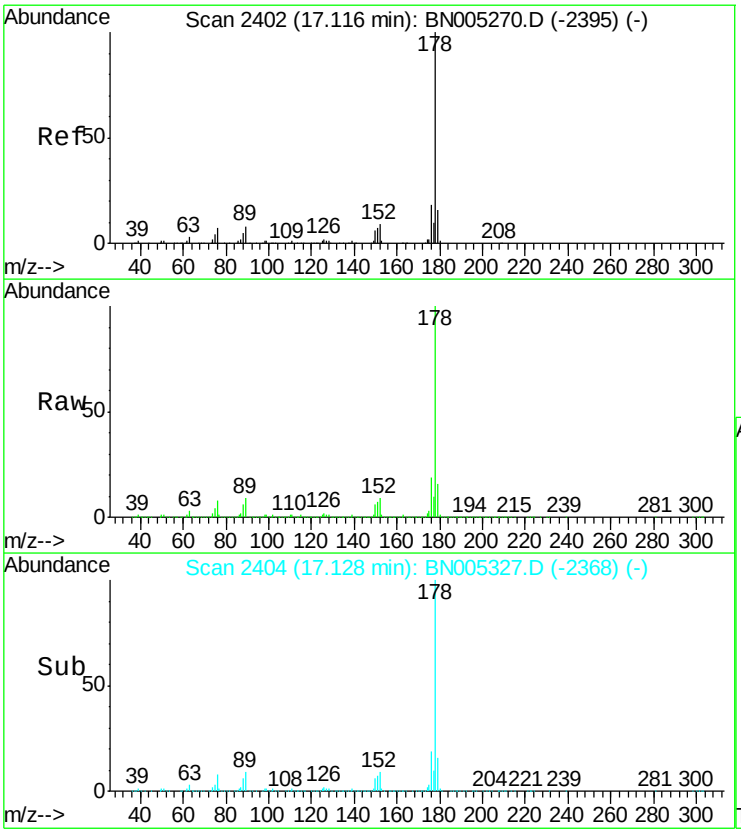
#69
Phenanthrene
Concen: 53.775 ng/ul
RT: 17.13 min Scan# 2404
Delta R.T. 0.10 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Tgt Ion:178 Resp: 7651856

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.2	18.4
176	18.7	15.1	22.7

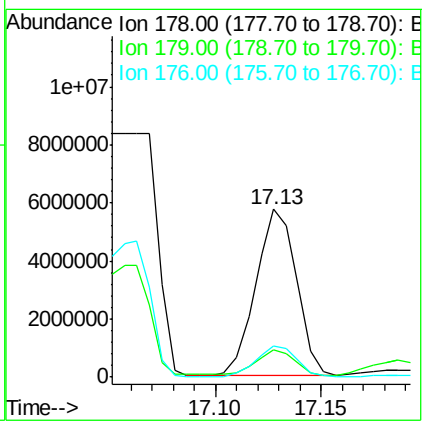


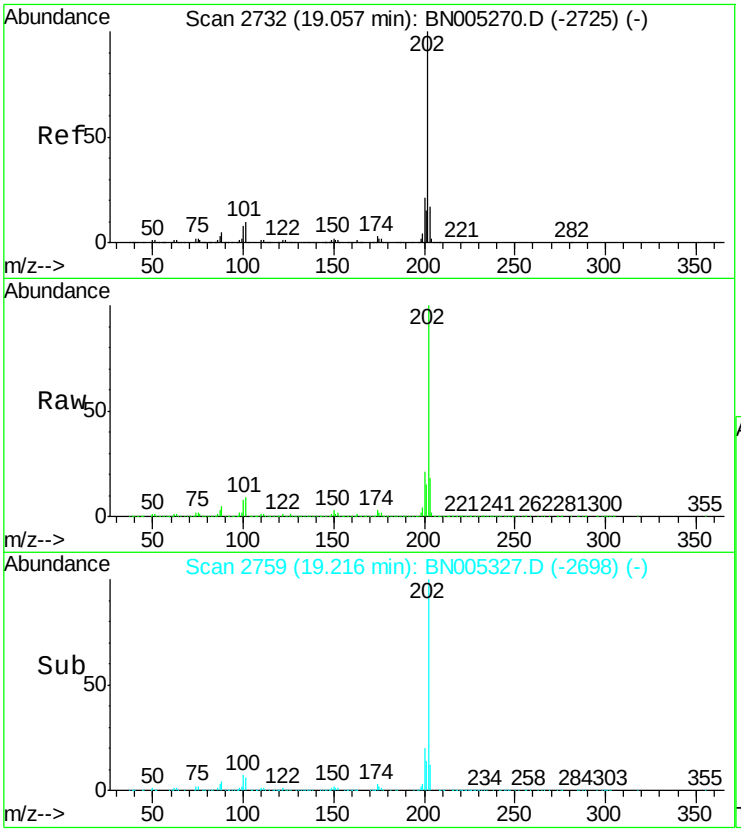


#71
Anthracene
Concen: 52.647 ng/ul
RT: 17.13 min Scan# 2404
Delta R.T. 0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Tgt Ion:178 Resp: 7631422

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	18.7	15.1	22.7



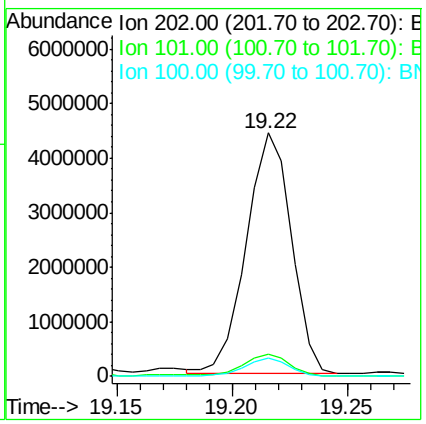


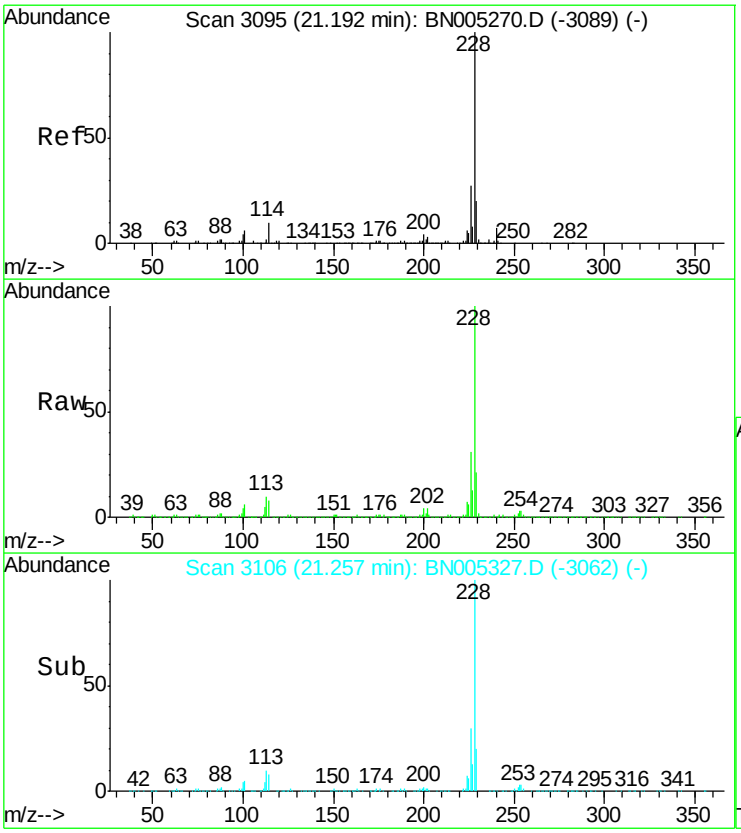
#76
Fluoranthene
Concen: 38.012 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. 0.16 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Tgt Ion:202 Resp: 5999433

Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.6	12.8
100	7.5	6.3	9.5

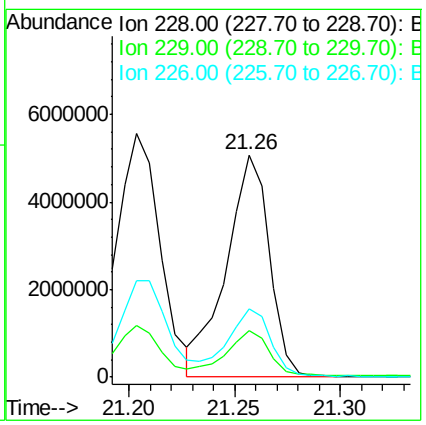


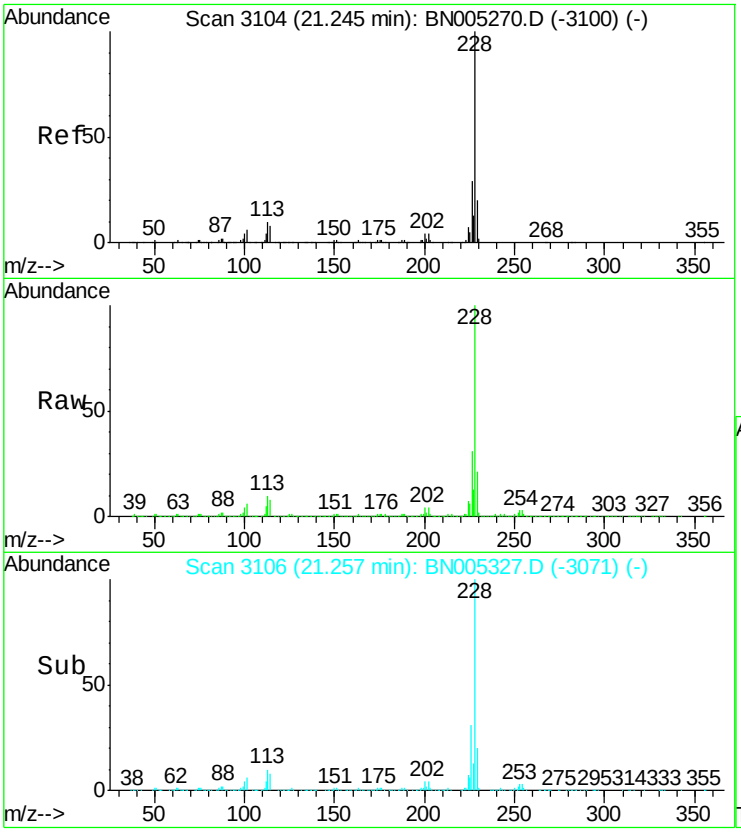


#82
Benzo(a)anthracene
Concen: 44.021 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.06 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Tgt Ion:228 Resp: 7127527

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.6
226	30.7	21.4	32.2



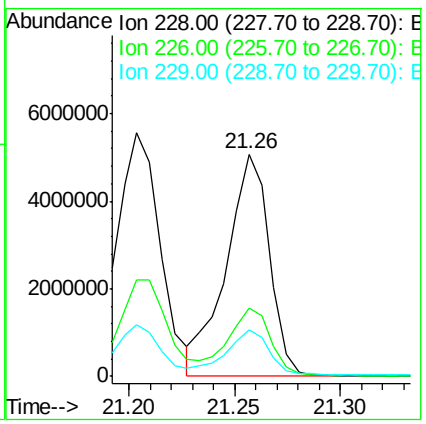


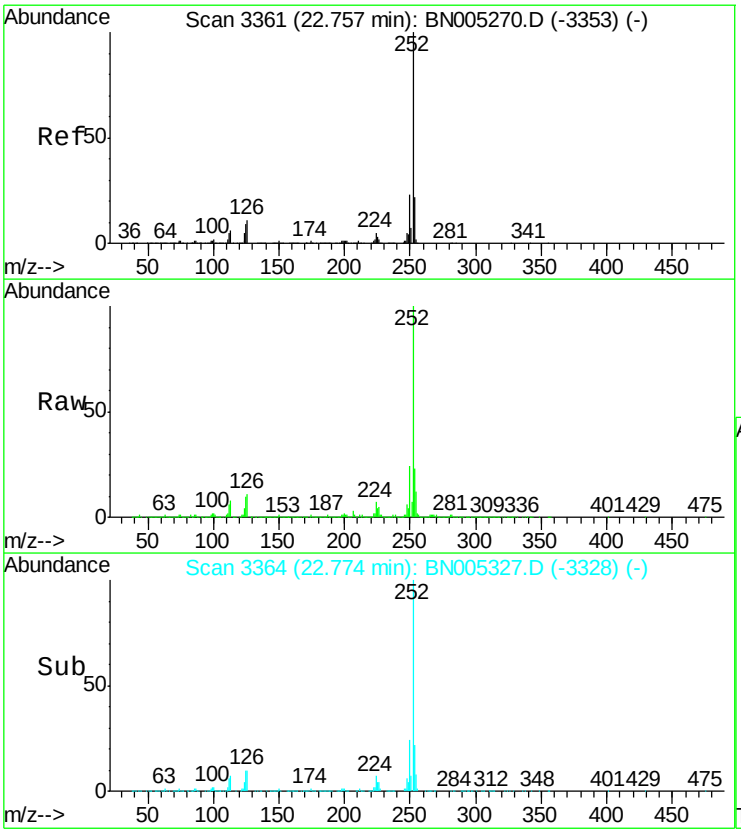
#84
Chrysene
Concen: 47.431 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Tgt Ion:228 Resp: 7127527

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	21.0	15.4	23.0

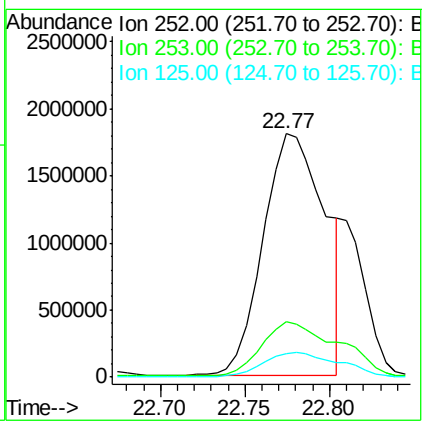


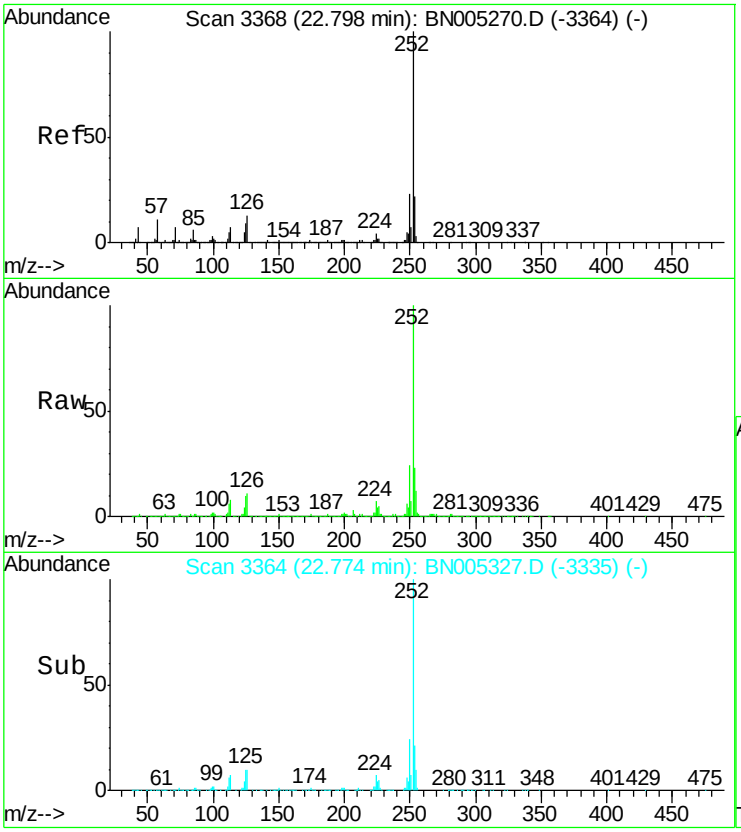


#87
Benzo(b)fluoranthene
Concen: 31.413 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Tgt Ion:252 Resp: 4565347

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.9	8.4	12.6



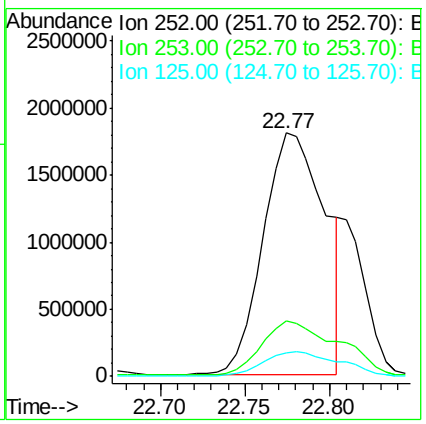


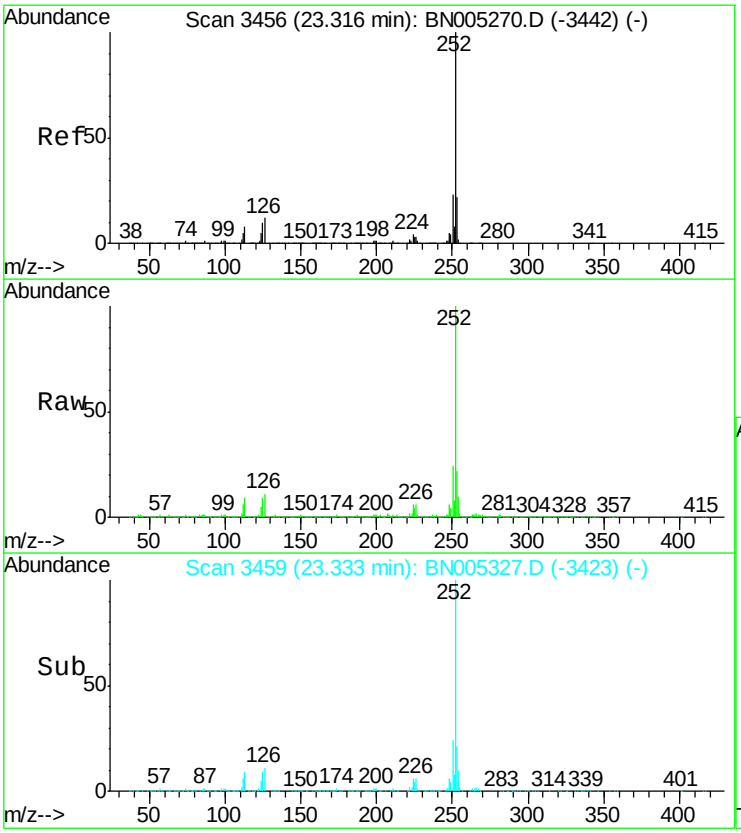
#88
Benzo(k)fluoranthene
Concen: 32.891 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. -0.03 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Tgt Ion:252 Resp: 4565347

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	9.9	7.5	11.3

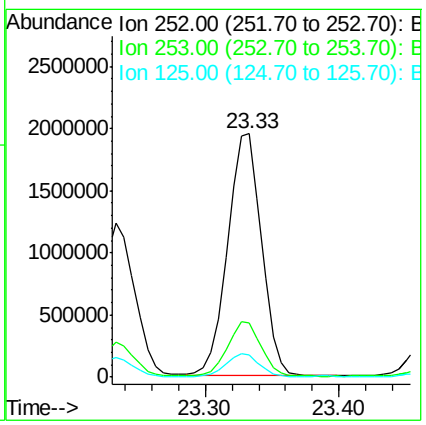


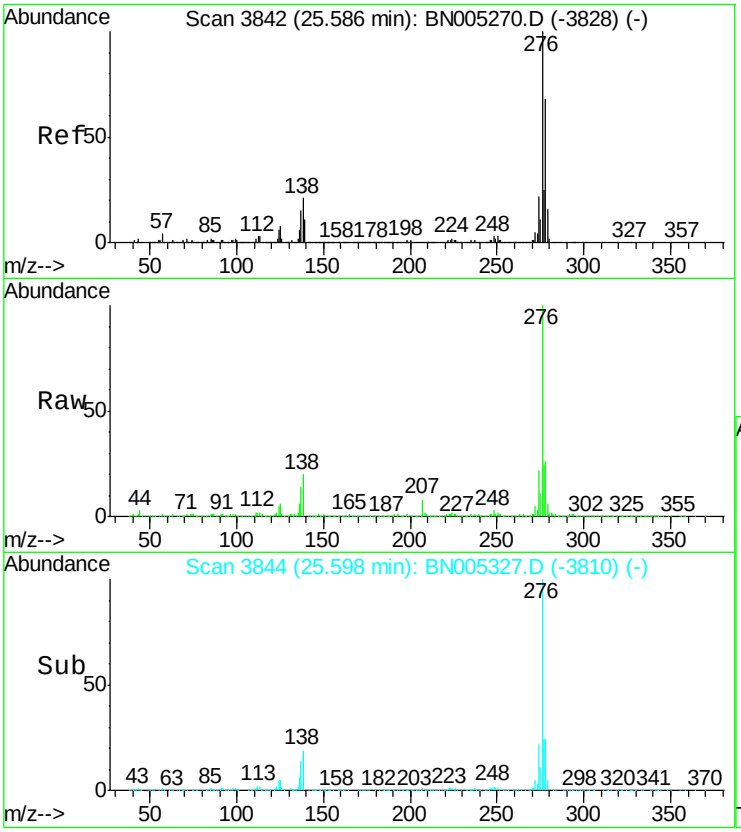


#90
Benzo(a)pyrene
Concen: 25.083 ng/ul
RT: 23.33 min Scan# 3459
Delta R.T. 0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Tgt Ion:252 Resp: 3426491

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	9.1	8.6	13.0



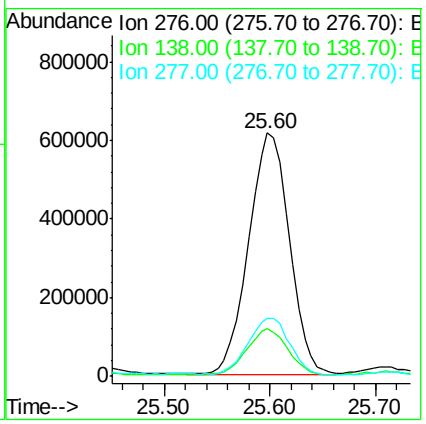


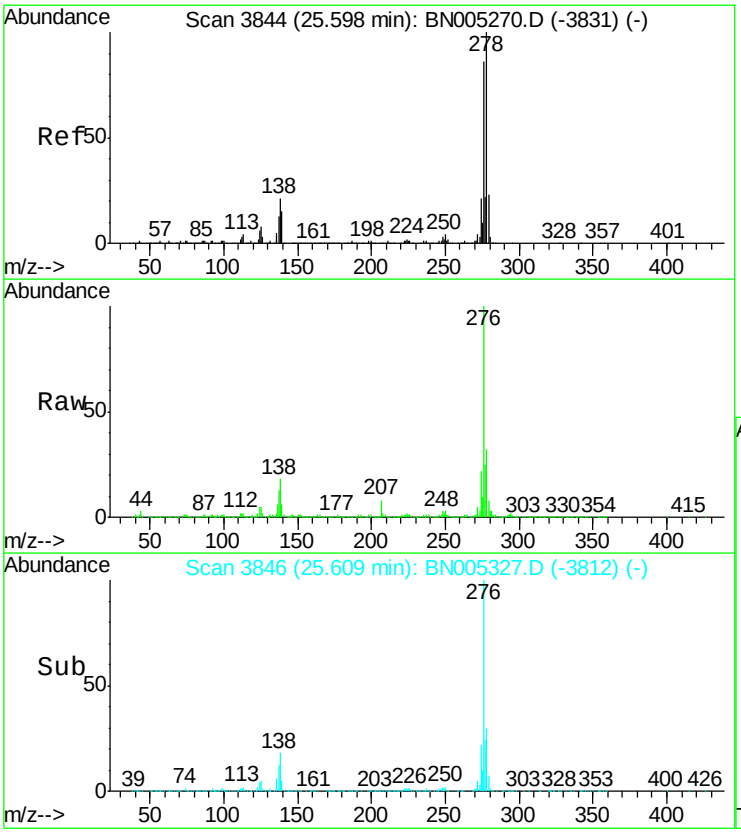
#91
Indeno(1,2,3-cd)pyrene
Concen: 10.858 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. 0.00 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Tgt Ion:276 Resp: 1639866

Ion	Ratio	Lower	Upper
276	100		
138	19.7	17.9	26.9
277	24.0	19.7	29.5

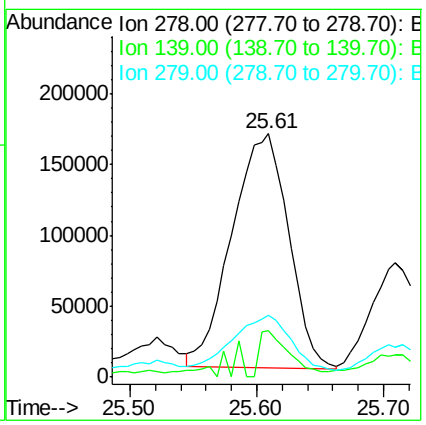


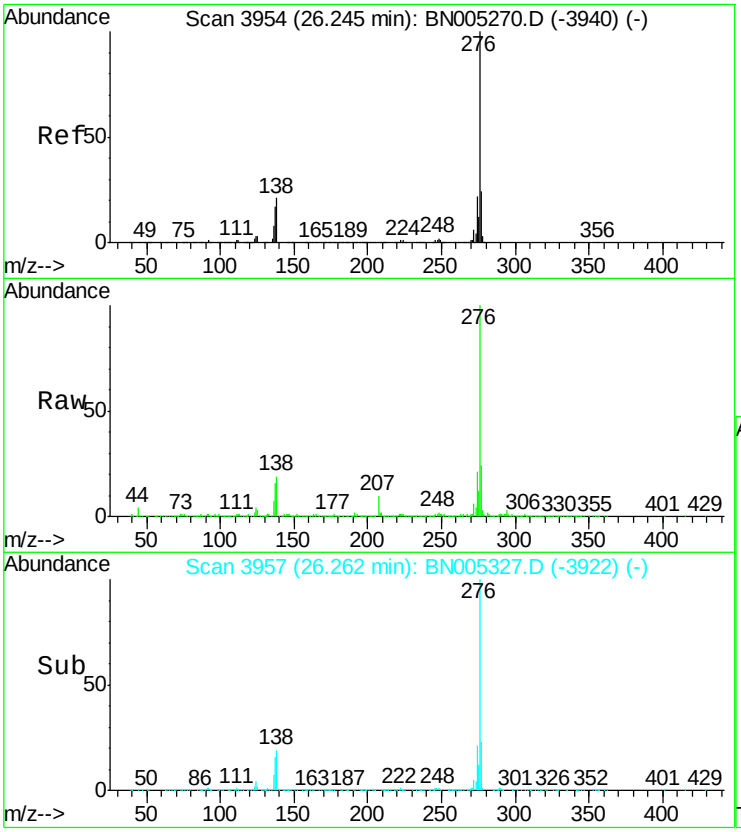


#92
Dibenzo(a,h)anthracene
Concen: 3.996 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. 0.00 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Tgt Ion:278 Resp: 512205

Ion	Ratio	Lower	Upper
278	100		
139	19.1	13.1	19.7
279	25.2	19.4	29.0





#93
Benzo(g,h,i)perylene
Concen: 11.410 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. 0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Tgt Ion:276 Resp: 1424988

Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.7	25.1
277	23.7	18.2	27.2