Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100618\
Data File : BN002973.D
Acq On : 05 Oct 2018 21:20
Operator : MJ/SJ
Sample : J5230-08MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 06 02:56:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 06 02:55:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	164715	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	760855	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	448635	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	988421	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	972823	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	823129	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	14801	4.15	ng/uL	0.00
5) Phenol-d5	6.82	99	371140	26.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	224911	25.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	302340	26.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	290458	26.81	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	159060	26.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	190258	28.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	324849	26.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	319276	22.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	997733	28.41	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1265166	27.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	158175	27.24	ng/ul	0.00
57) Fluorene-d10	15.26	176	876089	28.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	155446	25.14	ng/ul	0.00
70) Anthracene-d10	17.12	188	1312480	27.81	ng/ul	0.00
78) Pyrene-d10	19.42	212	1423642	27.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	1237673	28.57	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	359723	25.504	ng/ul	97
10) 2-Chlorophenol	7.20	128	266284	23.306	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.43	70	228042	27.188	ng/ul	93
33) 4-Chloro-3-methylphenol	11.71	107	321061	26.945	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	27808	1.015	ng/ul	98
44) Dimethylphthalate	13.73	163	687699	20.064	ng/ul	100
47) Acenaphthylene	13.99	152	100283	2.328	ng/ul	99
49) Acenaphthene	14.33	153	755475	24.757	ng/ul	99
52) 4-Nitrophenol	14.53	109	94035	23.274	ng/ul	95
54) 2,4-Dinitrotoluene	14.66	165	274602	28.110	ng/ul	87
68) Pentachlorophenol	16.69	266	133525	24.217	ng/ul	98
69) Phenanthrene	17.06	178	202577	3.720	ng/ul	99
71) Anthracene	17.15	178	77672	1.407	ng/ul	98
75) Di-n-butylphthalate	17.99	149	99823	1.756	ng/ul	96
76) Fluoranthene	19.09	202	591535	10.182	ng/ul	100
79) Pyrene	19.45	202	2134227	33.181	ng/ul	97
82) Benzo(a)anthracene	21.21	228	273948	4.527	ng/ul	95
84) Chrysene	21.26	228	364306	6.422	ng/ul	97
87) Benzo(b)fluoranthene	22.78	252	533681	10.616	ng/ul#	96
88) Benzo(k)fluoranthene	22.78	252	533681	11.380	ng/ul#	98
90) Benzo(a)pyrene	23.34	252	207476	4.366	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.64	276	182353	3.241	ng/ul	97
92) Dibenzo(a,h)anthracene	25.64	278	53771	1.134	ng/ul#	79

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100618\
Data File : BN002973.D
Acq On : 05 Oct 2018 21:20
Operator : MJ/SJ
Sample : J5230-08MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 06 02:56:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 06 02:55:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(g,h,i)perylene	26.32	276	152706	3.247	ng/ul	100

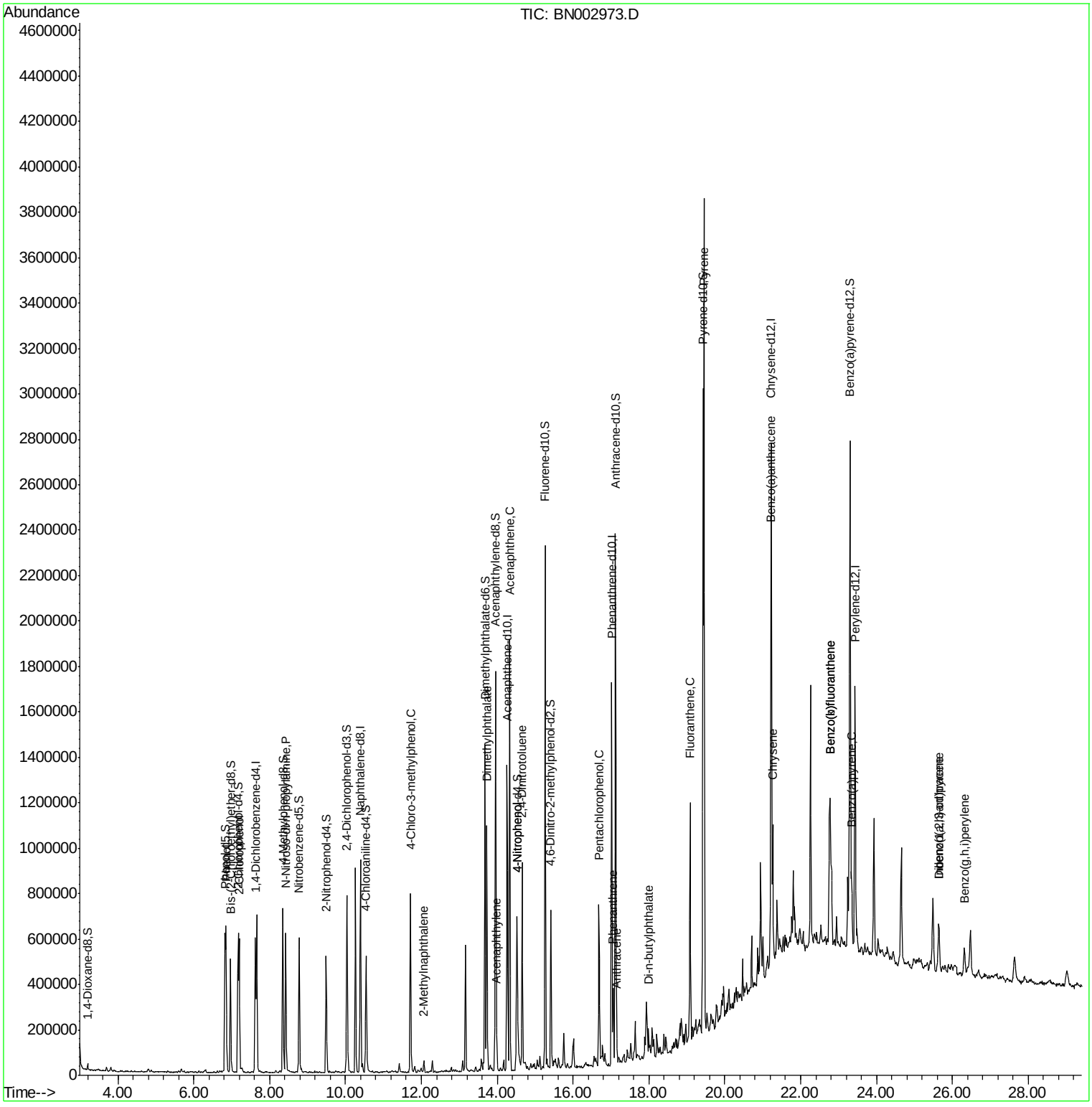
(#) = qualifier out of range (m) = manual integration (+) = signals summed

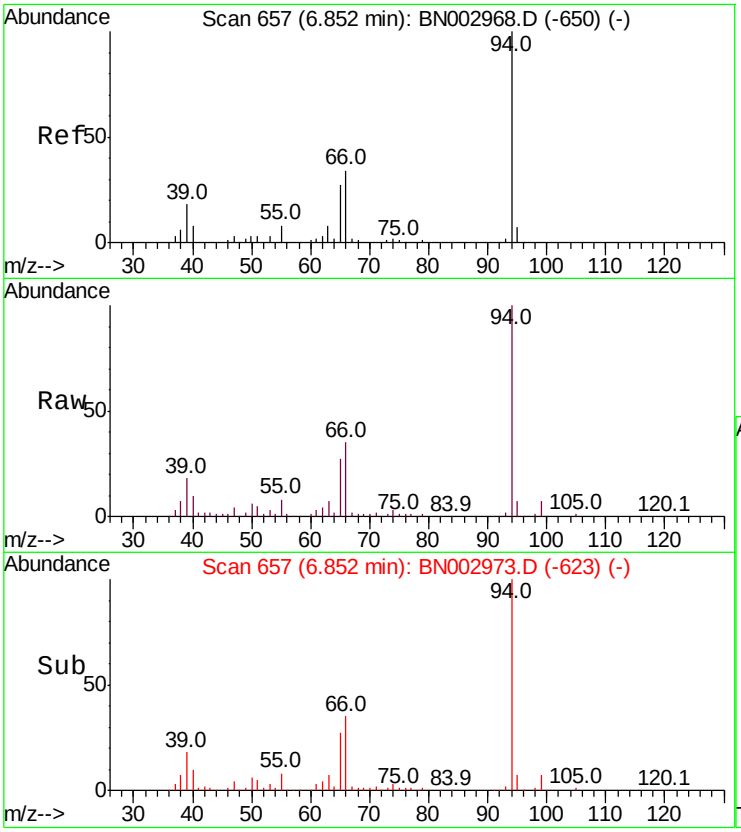
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100618\
Data File : BN002973.D
Acq On : 05 Oct 2018 21:20
Operator : MJ/SJ
Sample : J5230-08MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 06 02:56:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 06 02:55:40 2018
Response via : Initial Calibration



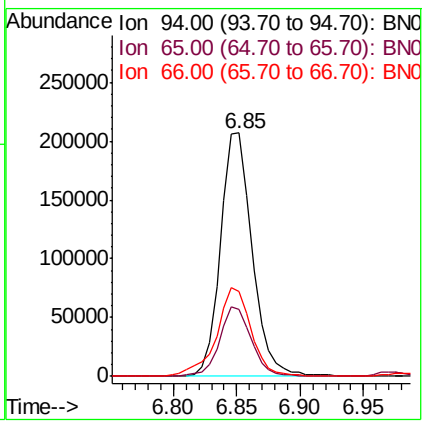


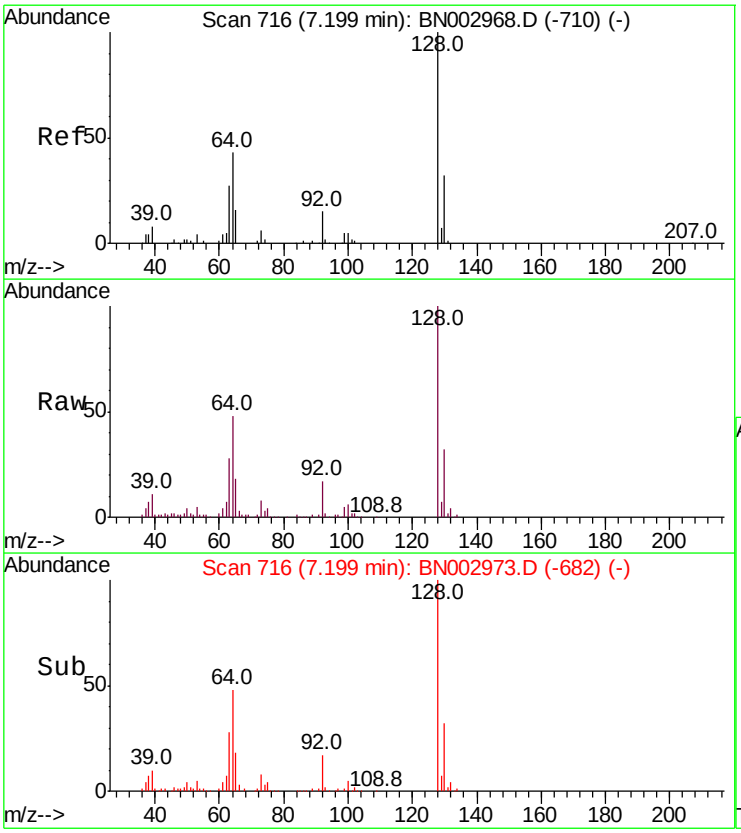
#6
Phenol
Concen: 25.504 ng/ul
RT: 6.85 min Scan# 657
Delta R.T. 0.00 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 94 Resp: 359723

Ion	Ratio	Lower	Upper
94	100		
65	27.4	23.1	34.7
66	34.9	29.8	44.6

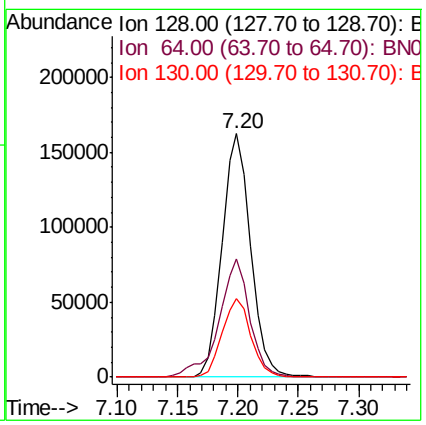


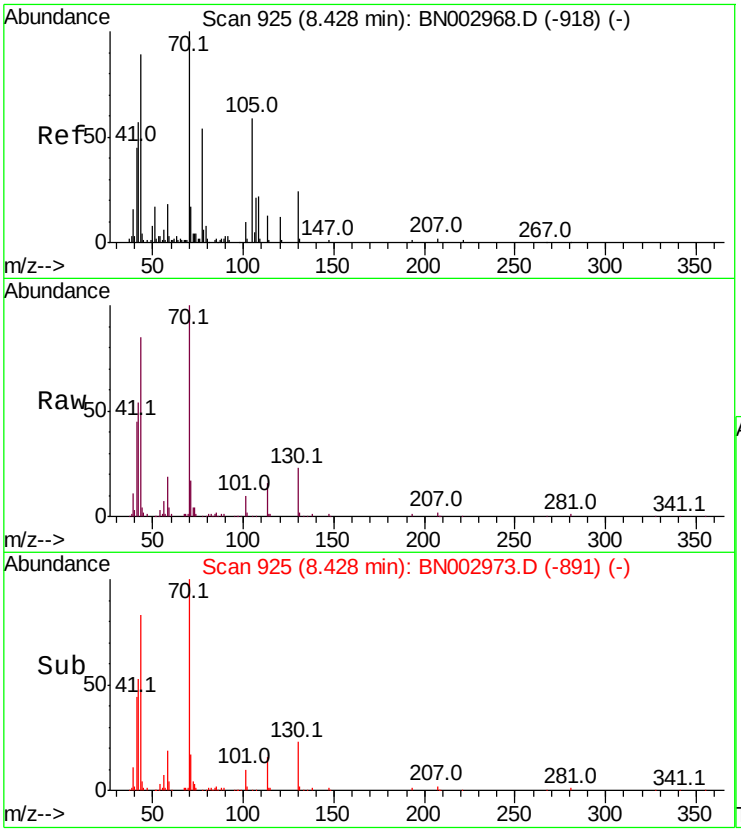


#10
2-Chlorophenol
Concen: 23.306 ng/ul
RT: 7.20 min Scan# 716
Delta R.T. 0.00 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Tgt Ion:128 Resp: 266284

Ion	Ratio	Lower	Upper
128	100		
64	48.4	40.4	60.6
130	32.3	26.8	40.2



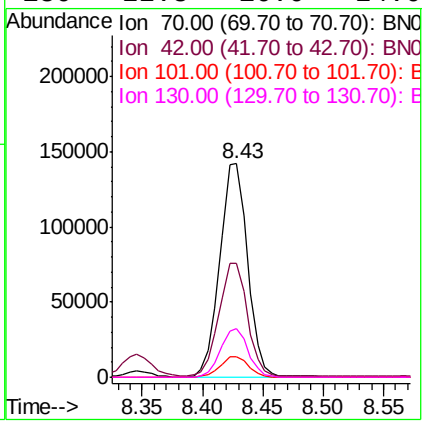


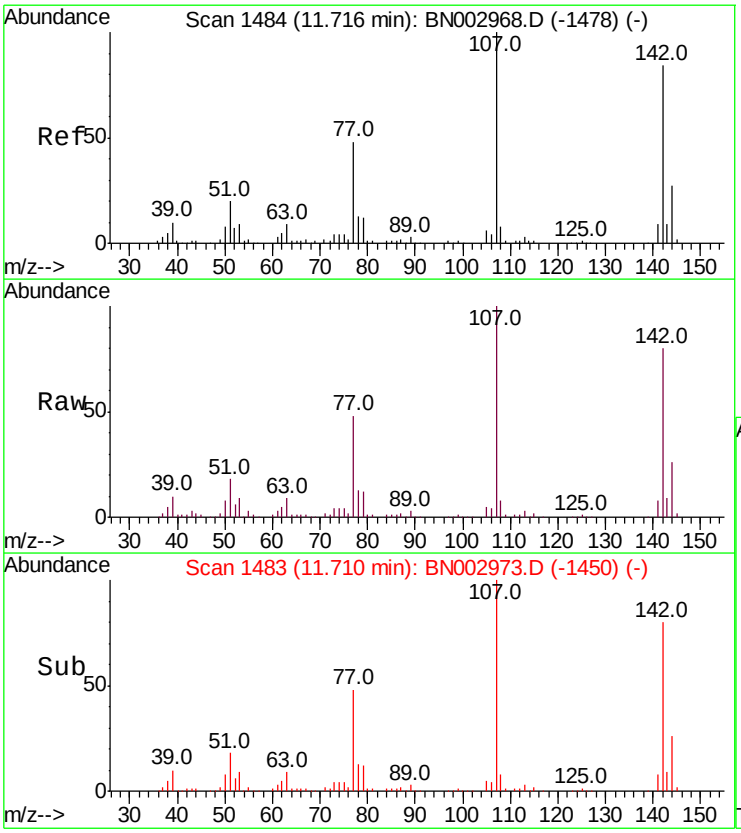
#15
N-Nitroso-di-n-propylamine
Concen: 27.188 ng/ul
RT: 8.43 min Scan# 925
Delta R.T. 0.00 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 70 Resp: 228042

Ion	Ratio	Lower	Upper
70	100		
42	53.6	47.7	71.5
101	9.8	8.0	12.0
130	22.8	16.0	24.0

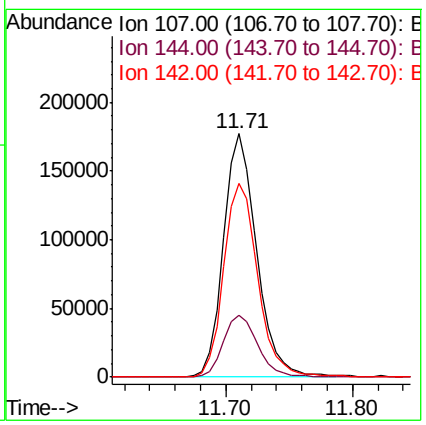


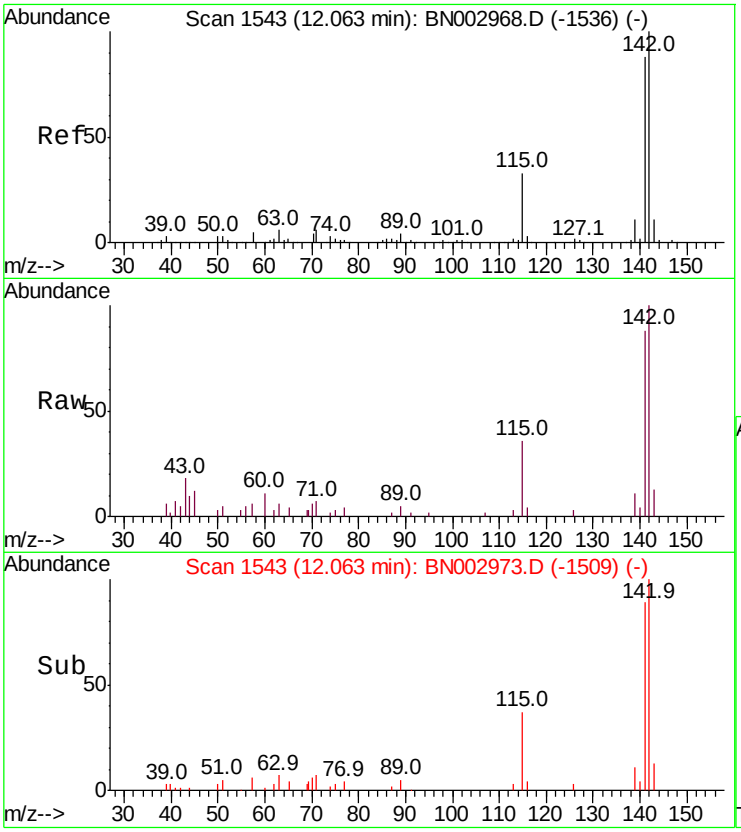


#33
4-Chloro-3-methylphenol
Concen: 26.945 ng/ul
RT: 11.71 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Tgt Ion:107 Resp: 321061

Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.2	30.4
142	79.8	62.9	94.3



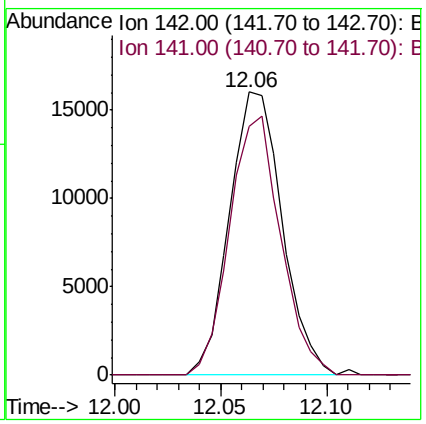


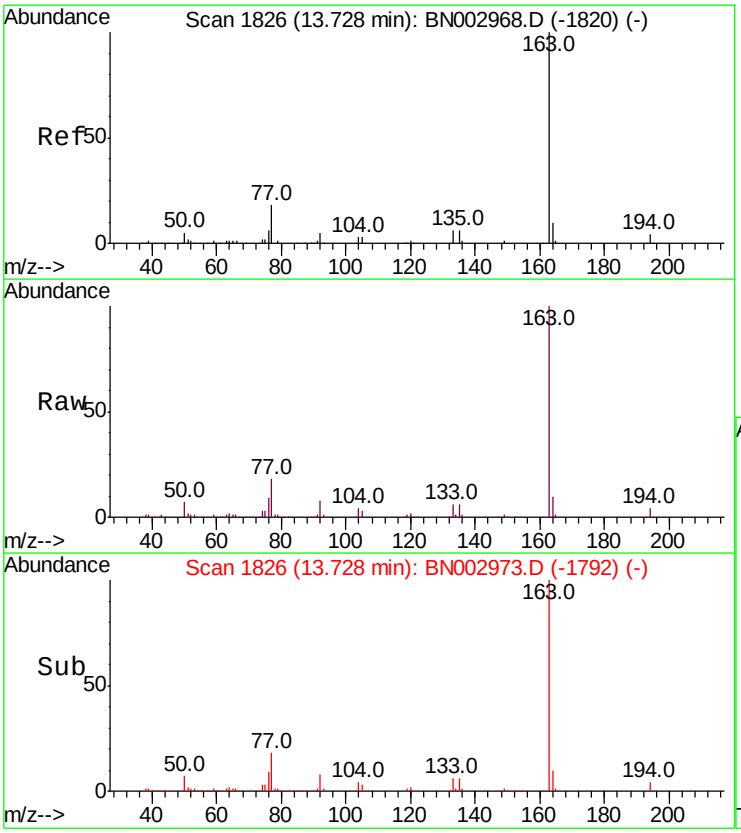
#34
2-Methylnaphthalene
Concen: 1.015 ng/ul
RT: 12.06 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 27808

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.8	107.8

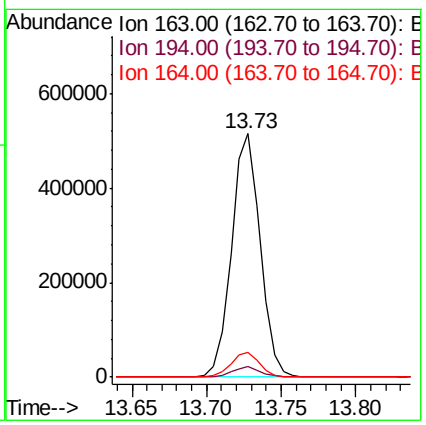


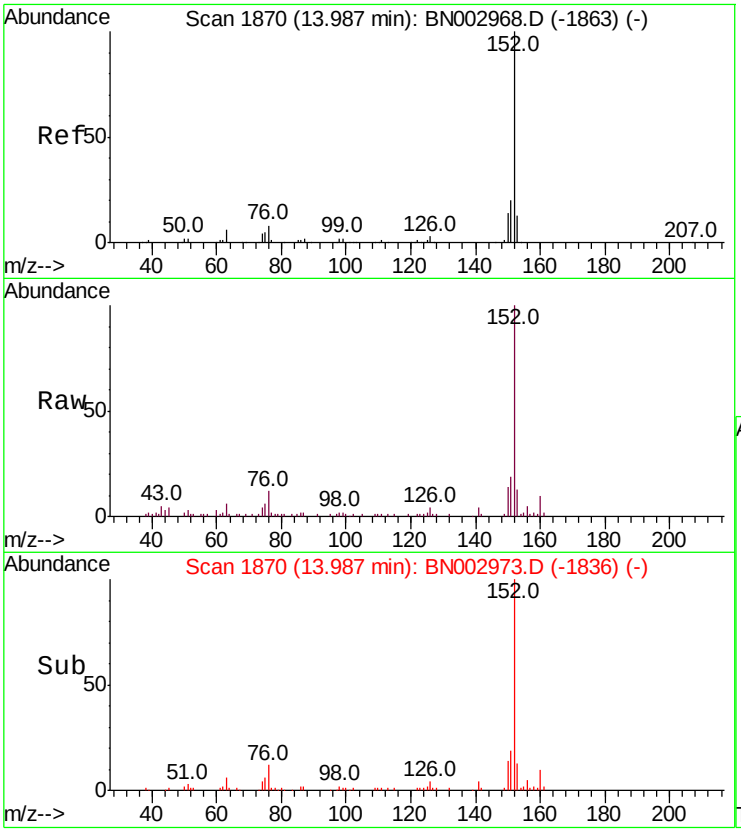


#44
Dimethylphthalate
Concen: 20.064 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Tgt Ion:163 Resp: 687699

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.9	8.1	12.1



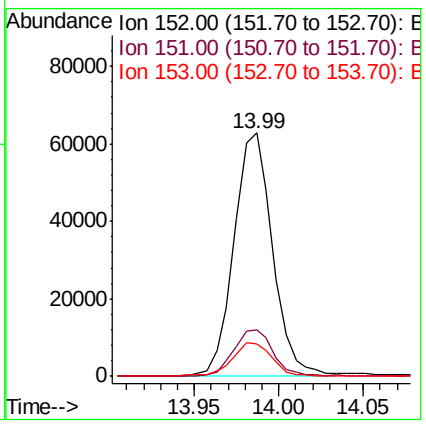


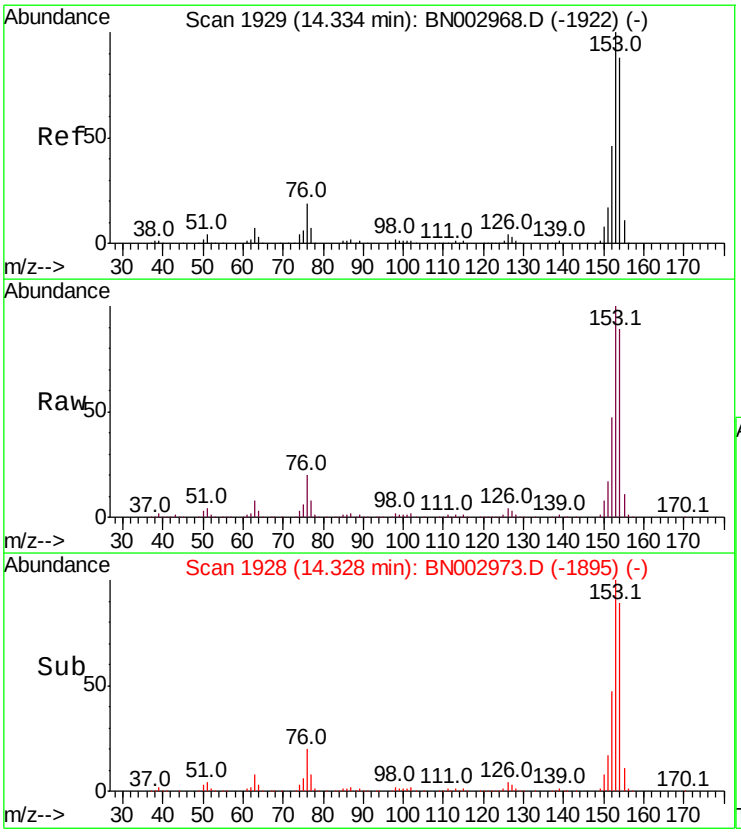
#47
Acenaphthylene
Concen: 2.328 ng/ul
RT: 13.99 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 100283

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.0	24.0
153	13.3	10.6	16.0

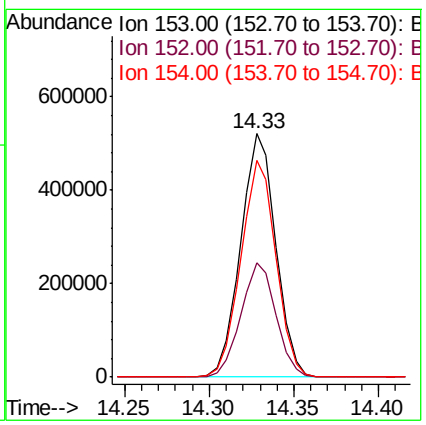


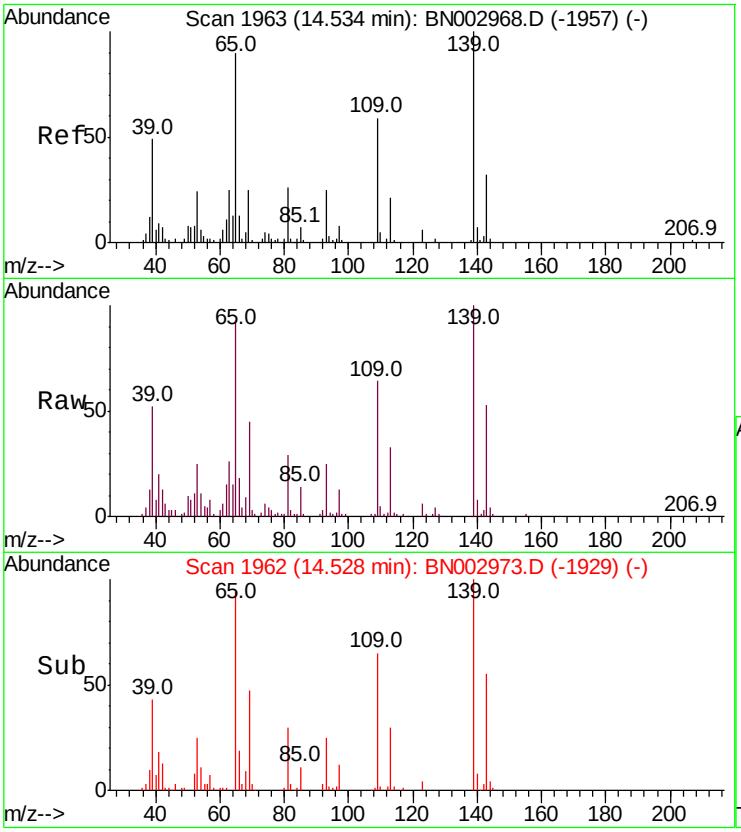


#49
Acenaphthene
Concen: 24.757 ng/ul
RT: 14.33 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Tgt Ion:153 Resp: 755475

Ion	Ratio	Lower	Upper
153	100		
152	46.9	37.8	56.6
154	89.3	70.9	106.3



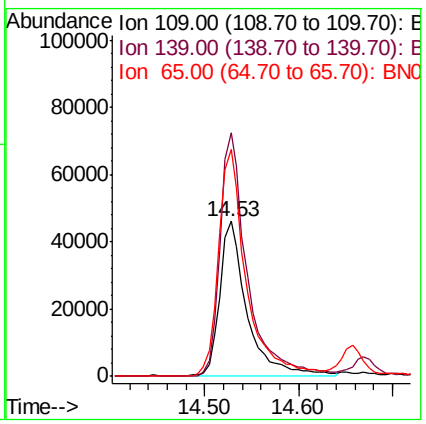


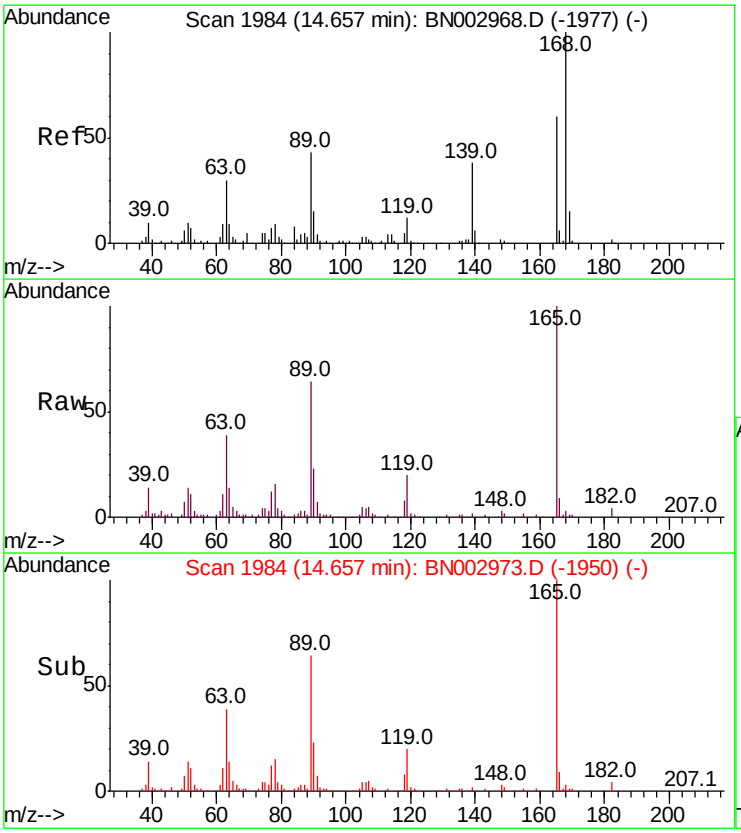
#52
4-Nitrophenol
Concen: 23.274 ng/ul
RT: 14.53 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:109 Resp: 94035

Ion	Ratio	Lower	Upper
109	100		
139	157.0	116.5	174.7
65	146.0	116.7	175.1

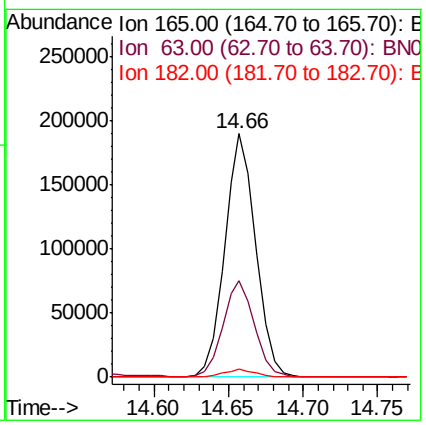


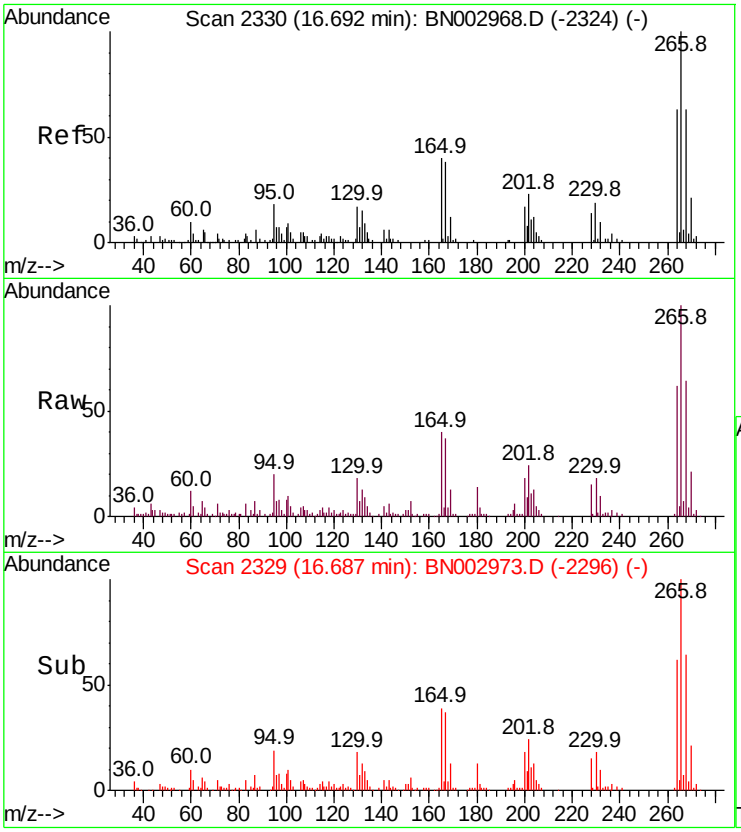


#54
2,4-Dinitrotoluene
Concen: 28.110 ng/ul
RT: 14.66 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Tgt Ion:165 Resp: 274602

Ion	Ratio	Lower	Upper
165	100		
63	39.4	39.0	58.6
182	3.5	2.4	3.6



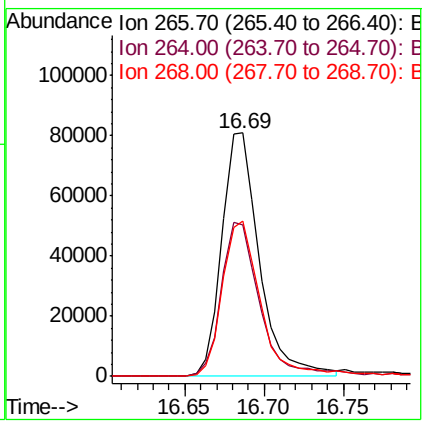


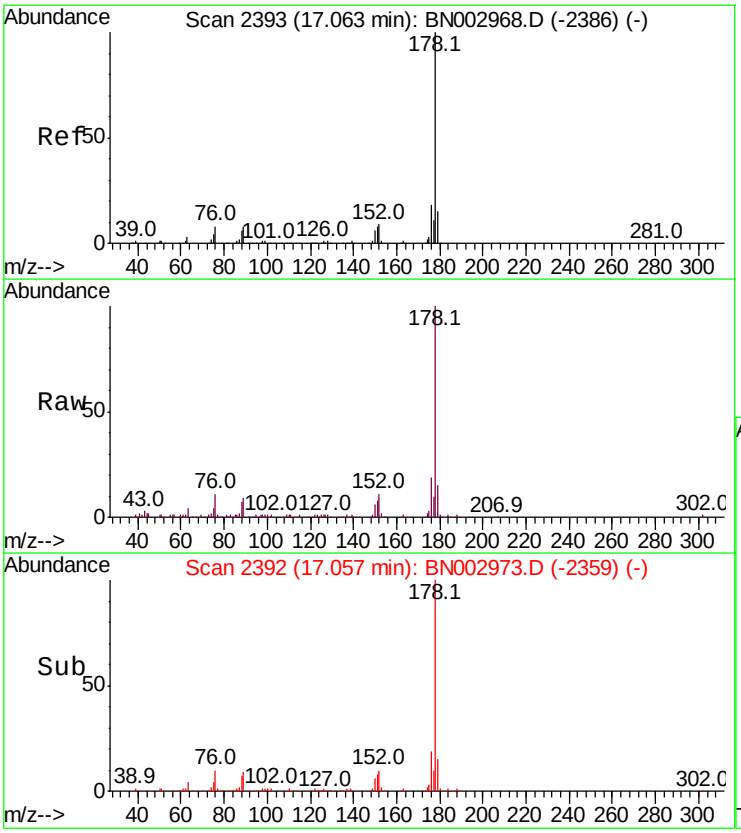
#68
Pentachlorophenol
Concen: 24.217 ng/ul
RT: 16.69 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 133525

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.9	74.9
268	63.6	52.6	79.0

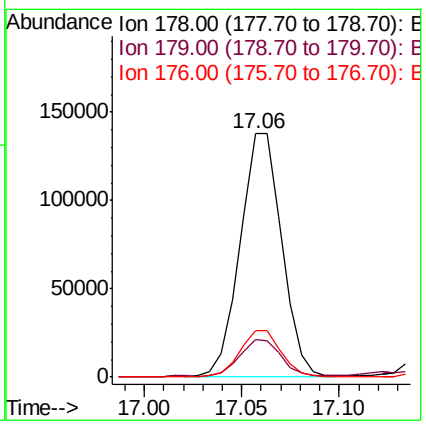


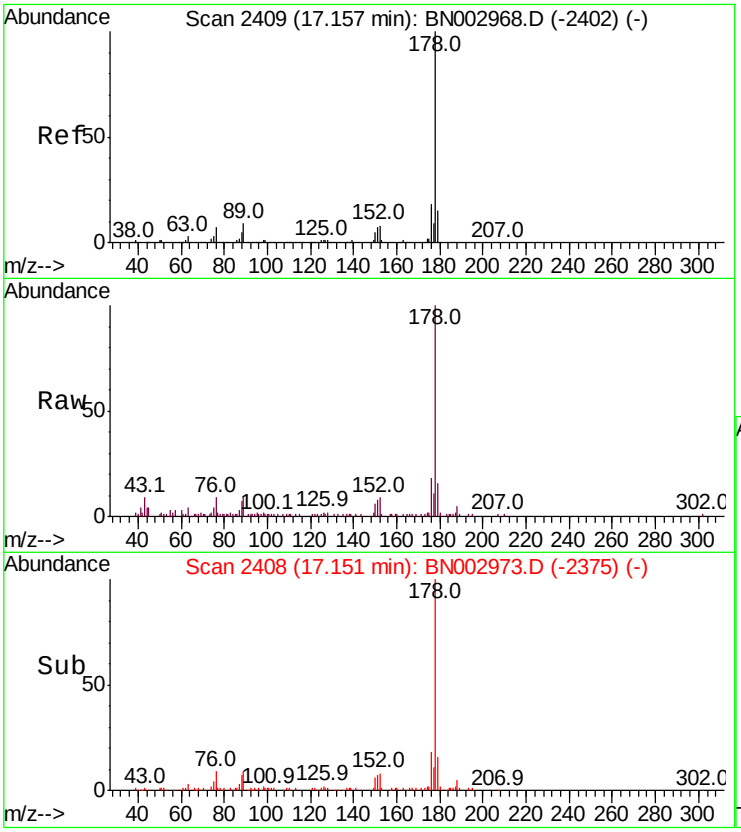


#69
Phenanthrene
Concen: 3.720 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Tgt Ion:178 Resp: 202577

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	19.4	15.0	22.6



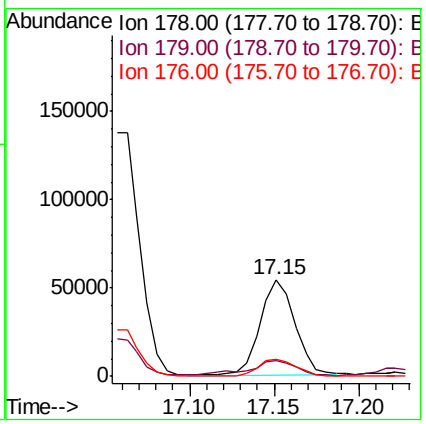


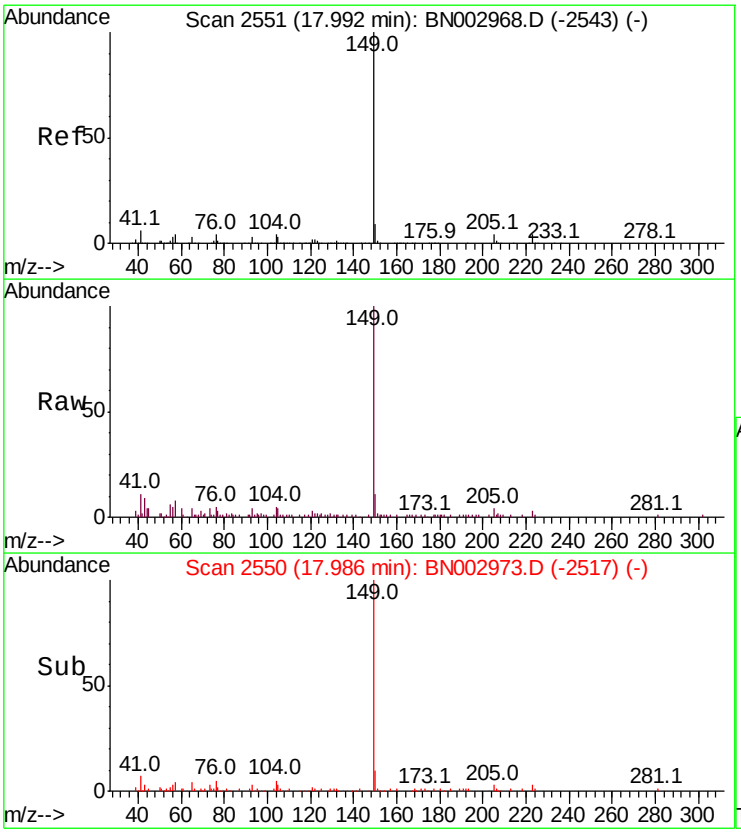
#71
Anthracene
Concen: 1.407 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 77672

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.0	18.0
176	17.8	15.0	22.4

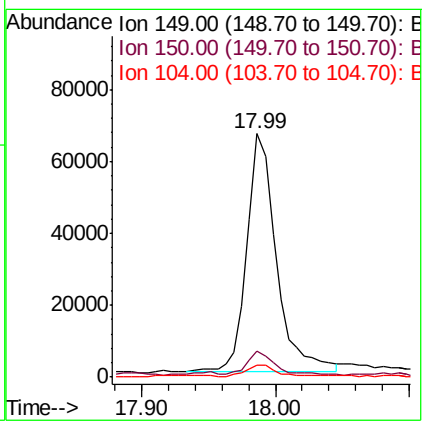


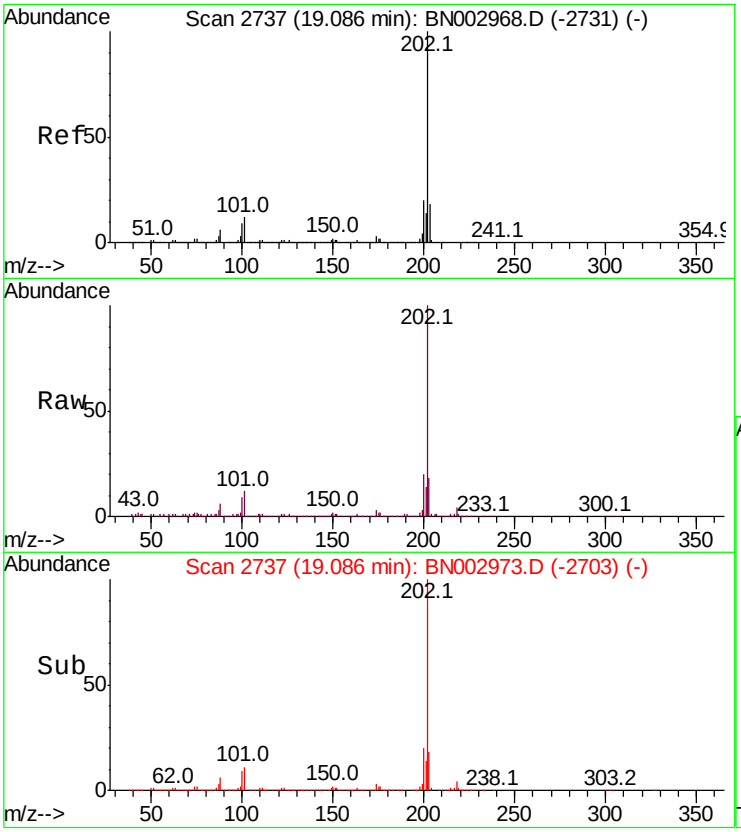


#75
Di-n-butylphthalate
Concen: 1.756 ng/ul
RT: 17.99 min Scan# 2550
Delta R.T. -0.01 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Tgt Ion:149 Resp: 99823

Ion	Ratio	Lower	Upper
149	100		
150	10.8	7.3	10.9
104	5.0	3.7	5.5



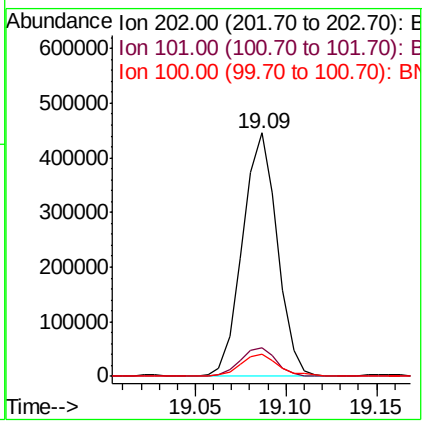


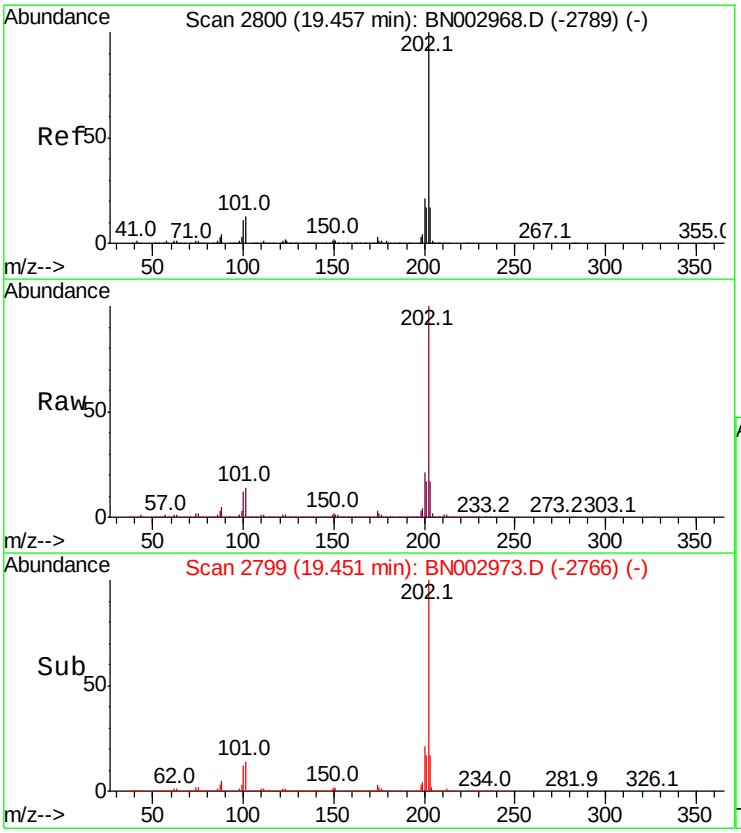
#76
Fluoranthene
Concen: 10.182 ng/ul
RT: 19.09 min Scan# 2737
Delta R.T. 0.00 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 591535

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.4	14.2
100	8.9	7.0	10.6

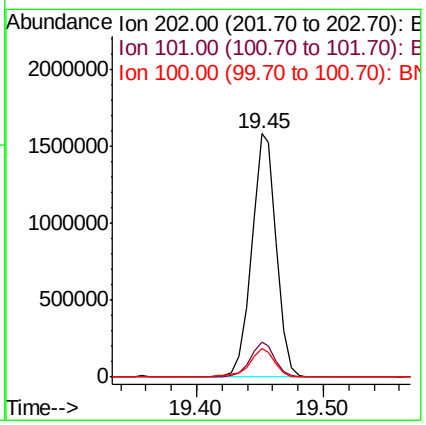


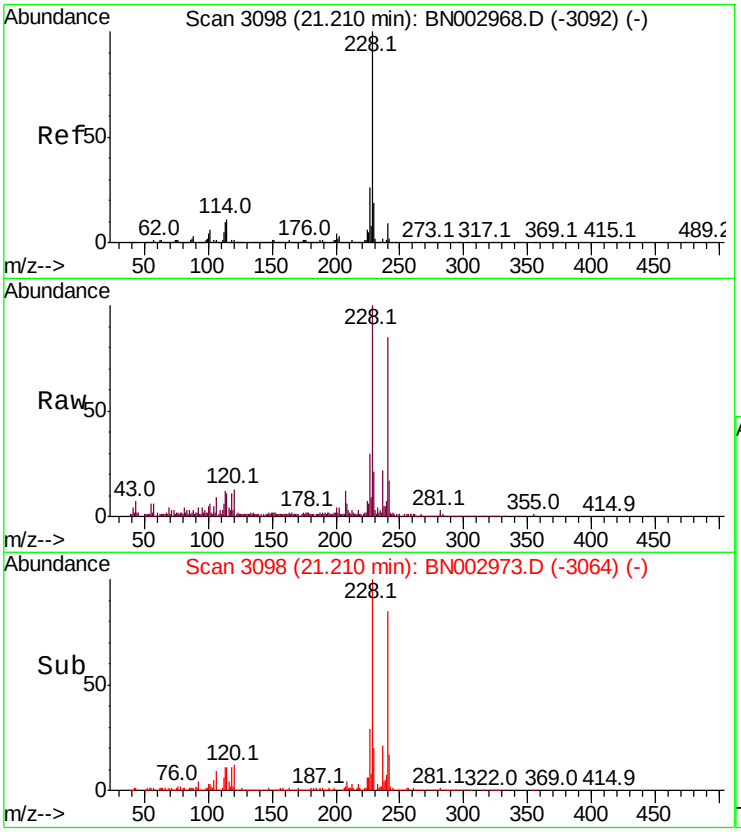


#79
Pyrene
Concen: 33.181 ng/ul
RT: 19.45 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Tgt Ion:202 Resp: 2134227

Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.8	16.2
100	11.8	8.2	12.2



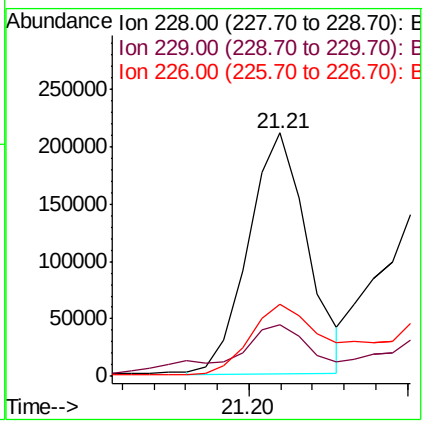


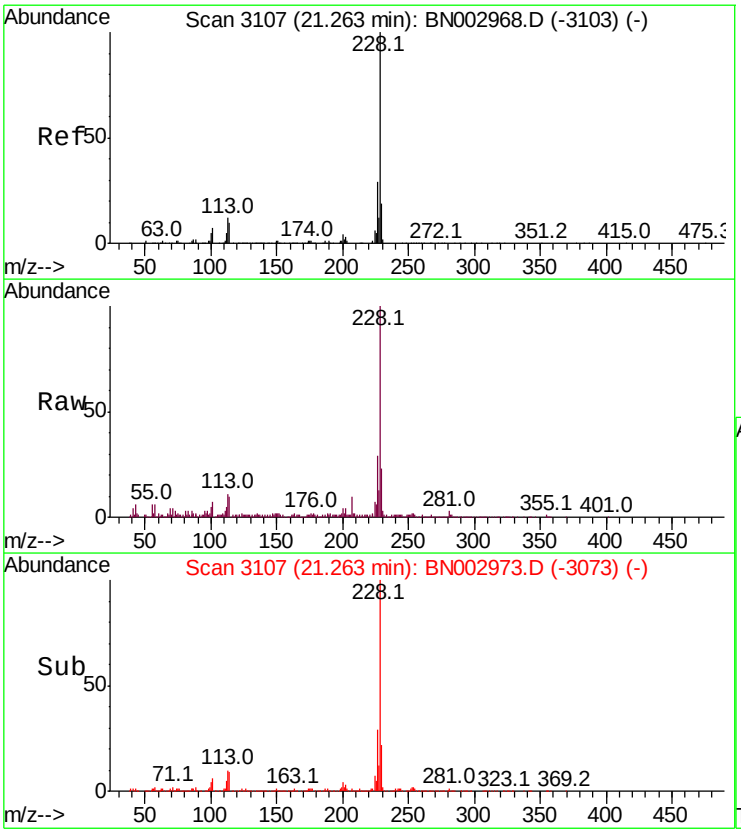
#82
Benzo(a)anthracene
Concen: 4.527 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 273948

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.6
226	29.6	20.9	31.3

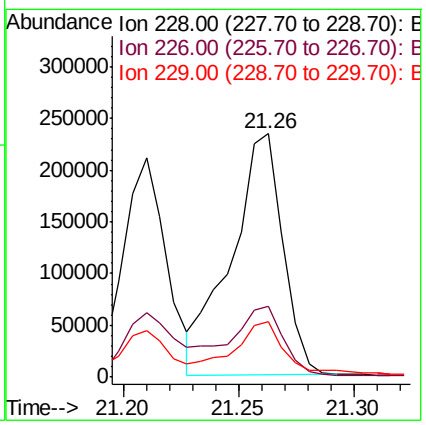


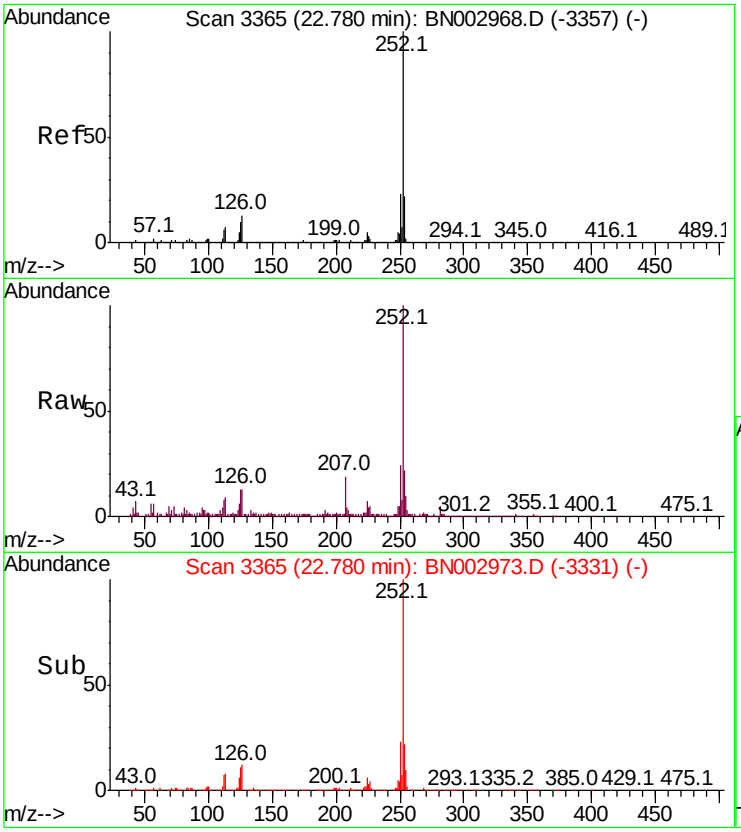


#84
Chrysene
Concen: 6.422 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. 0.00 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Tgt Ion:228 Resp: 364306

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.0
229	22.5	15.7	23.5



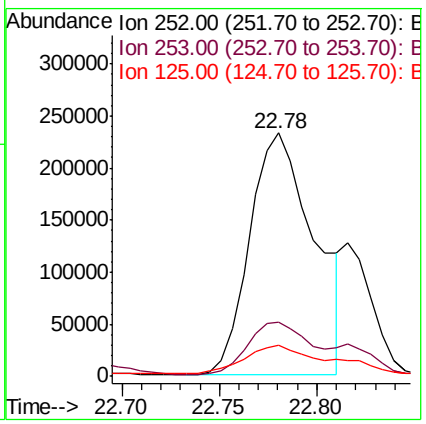


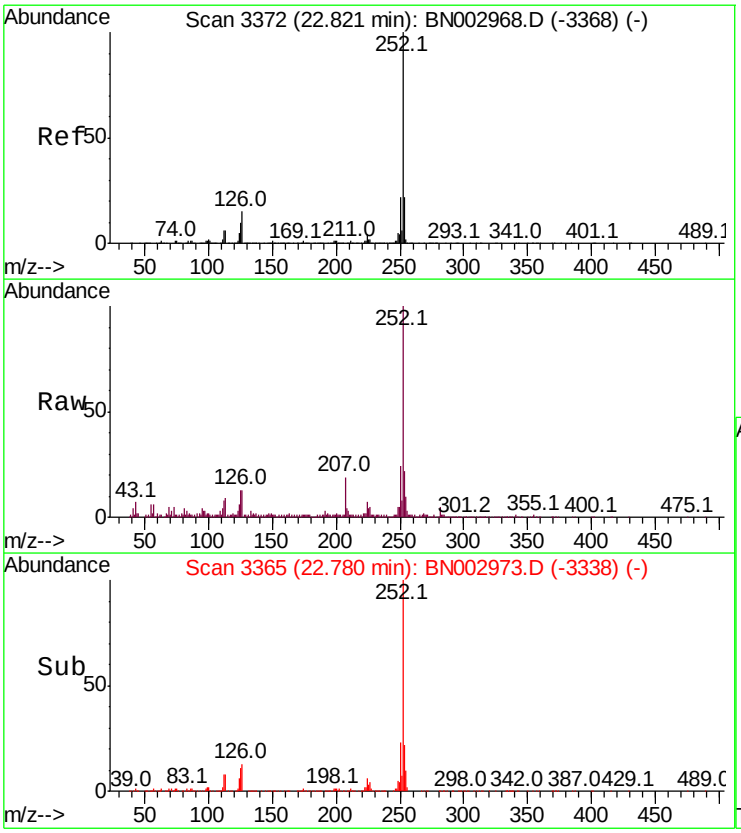
#87
Benzo(b)fluoranthene
Concen: 10.616 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. 0.00 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 533681

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	12.6	8.0	12.0#

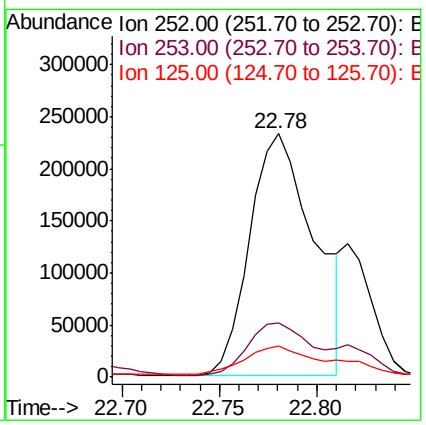


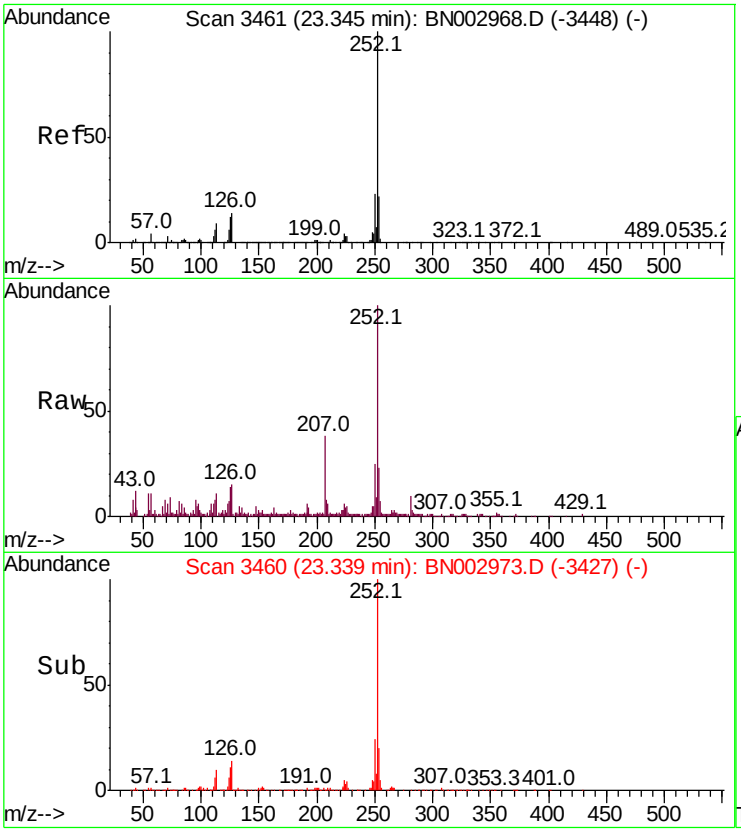


#88
Benzo(k)fluoranthene
Concen: 11.380 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. -0.04 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Tgt Ion:252 Resp: 533681

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	12.6	8.3	12.5#



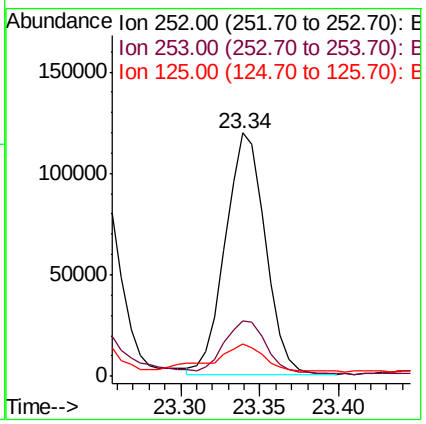


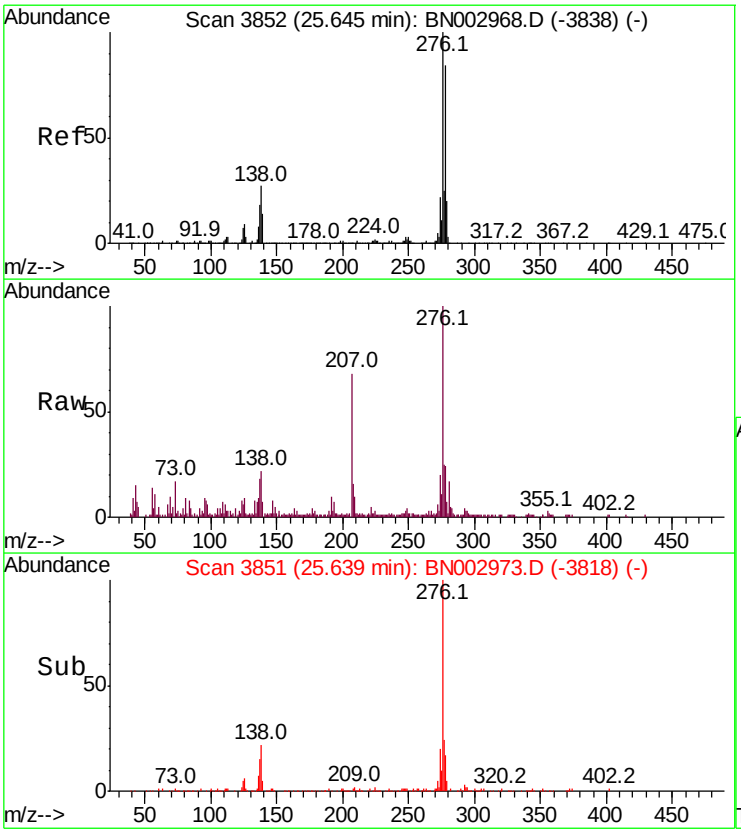
#90
Benzo(a)pyrene
Concen: 4.366 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 207476

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	13.6	8.8	13.2#

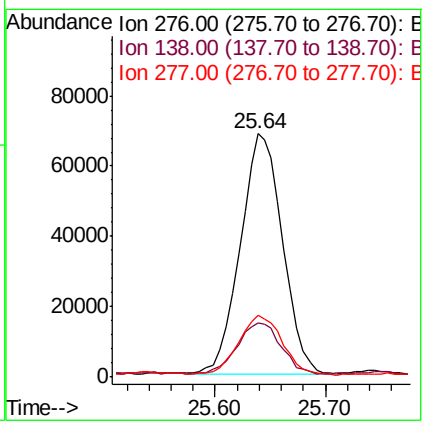


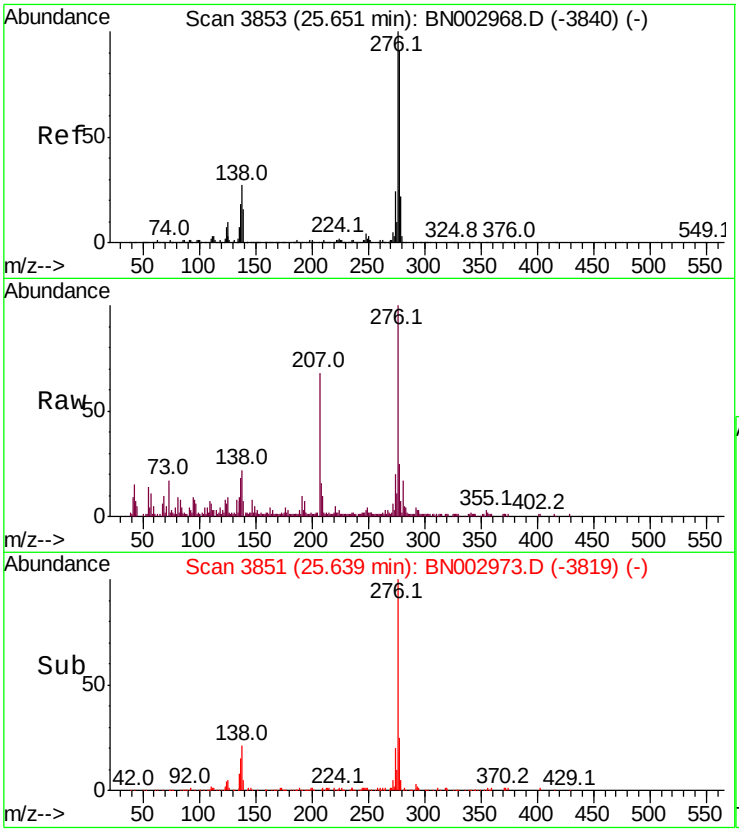


#91
Indeno(1,2,3-cd)pyrene
Concen: 3.241 ng/ul
RT: 25.64 min Scan# 3851
Delta R.T. -0.01 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Tgt Ion:276 Resp: 182353

Ion	Ratio	Lower	Upper
276	100		
138	22.5	20.2	30.4
277	25.2	20.0	30.0



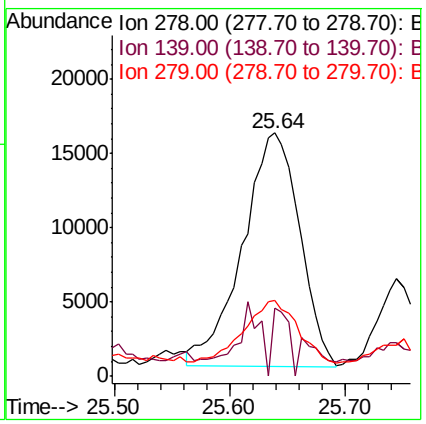


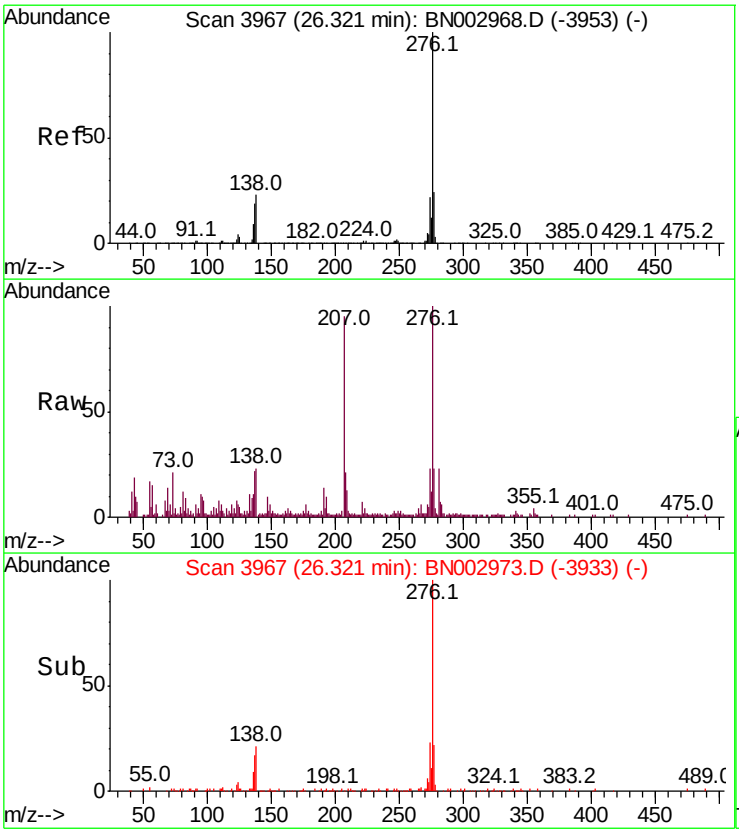
#92
Dibenzo(a,h)anthracene
Concen: 1.134 ng/ul
RT: 25.64 min Scan# 3851
Delta R.T. -0.01 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 53771

Ion	Ratio	Lower	Upper
278	100		
139	28.0	12.7	19.1#
279	31.0	18.7	28.1#





#93
Benzo(g,h,i)perylene
Concen: 3.247 ng/ul
RT: 26.32 min Scan# 3967
Delta R.T. 0.00 min
Lab File: BN002973.D
Acq: 05 Oct 2018 21:20

Tgt Ion:276 Resp: 152706

Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.2	27.2
277	23.1	18.6	28.0