Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100618\
Data File : BN002972.D
Acq On : 05 Oct 2018 20:45
Operator : MJ/SJ
Sample : J5230-07MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 06 02:56:29 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	153162	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	717422	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	430480	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	954860	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	949809	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	768414	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	13945	4.20	ng/uL	0.00
5) Phenol-d5	6.82	99	342068	26.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	213357	26.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	282503	26.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	273166	27.12	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	149029	26.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	178551	28.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	303943	26.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	297945	22.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	962171	28.55	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1201516	27.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	155974	27.99	ng/ul	0.00
57) Fluorene-d10	15.26	176	850135	28.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	157503	26.37	ng/ul	0.00
70) Anthracene-d10	17.12	188	1299944	28.52	ng/ul	0.00
78) Pyrene-d10	19.42	212	1403563	28.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	1163527	28.77	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	336515	25.658	ng/ul	95
10) 2-Chlorophenol	7.20	128	249576	23.492	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.43	70	214460	27.497	ng/ul	93
33) 4-Chloro-3-methylphenol	11.71	107	300354	26.734	ng/ul	94
34) 2-Methylnaphthalene	12.07	142	25983	1.005	ng/ul	95
44) Dimethylphthalate	13.73	163	664916	20.218	ng/ul	100
45) 2,6-Dinitrotoluene	13.73	165	7411	1.119	ng/ul#	56
47) Acenaphthylene	13.99	152	97419	2.357	ng/ul	98
49) Acenaphthene	14.33	153	726557	24.813	ng/ul	99
52) 4-Nitrophenol	14.53	109	93200	24.040	ng/ul	93
54) 2,4-Dinitrotoluene	14.66	165	267742	28.564	ng/ul	87
68) Pentachlorophenol	16.69	266	135328	25.407	ng/ul	98
69) Phenanthrene	17.06	178	202886	3.856	ng/ul	99
71) Anthracene	17.15	178	74888	1.404	ng/ul	99
75) Di-n-butylphthalate	17.99	149	127384	2.319	ng/ul	99
76) Fluoranthene	19.09	202	585337	10.430	ng/ul	99
79) Pyrene	19.46	202	2129440	33.908	ng/ul	99
82) Benzo(a)anthracene	21.21	228	267952	4.535	ng/ul	94
84) Chrysene	21.26	228	354936	6.409	ng/ul	99
87) Benzo(b)fluoranthene	22.78	252	462838	9.863	ng/ul#	97
88) Benzo(k)fluoranthene	22.82	252	169527	3.872	ng/ul	98
90) Benzo(a)pyrene	23.34	252	196393	4.427	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.64	276	172923	3.292	ng/ul	98

Quantitation Report (Not Reviewed)

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Operator : MJ/SJ
Sample : J5230-07MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 06 02:56:29 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)
92) Dibenzo(a,h)anthracene	25.64	278	51256	1.158	ng/ul#	75
93) Benzo(g,h,i)perylene	26.32	276	143312	3.264	ng/ul	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100618\
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Misc :
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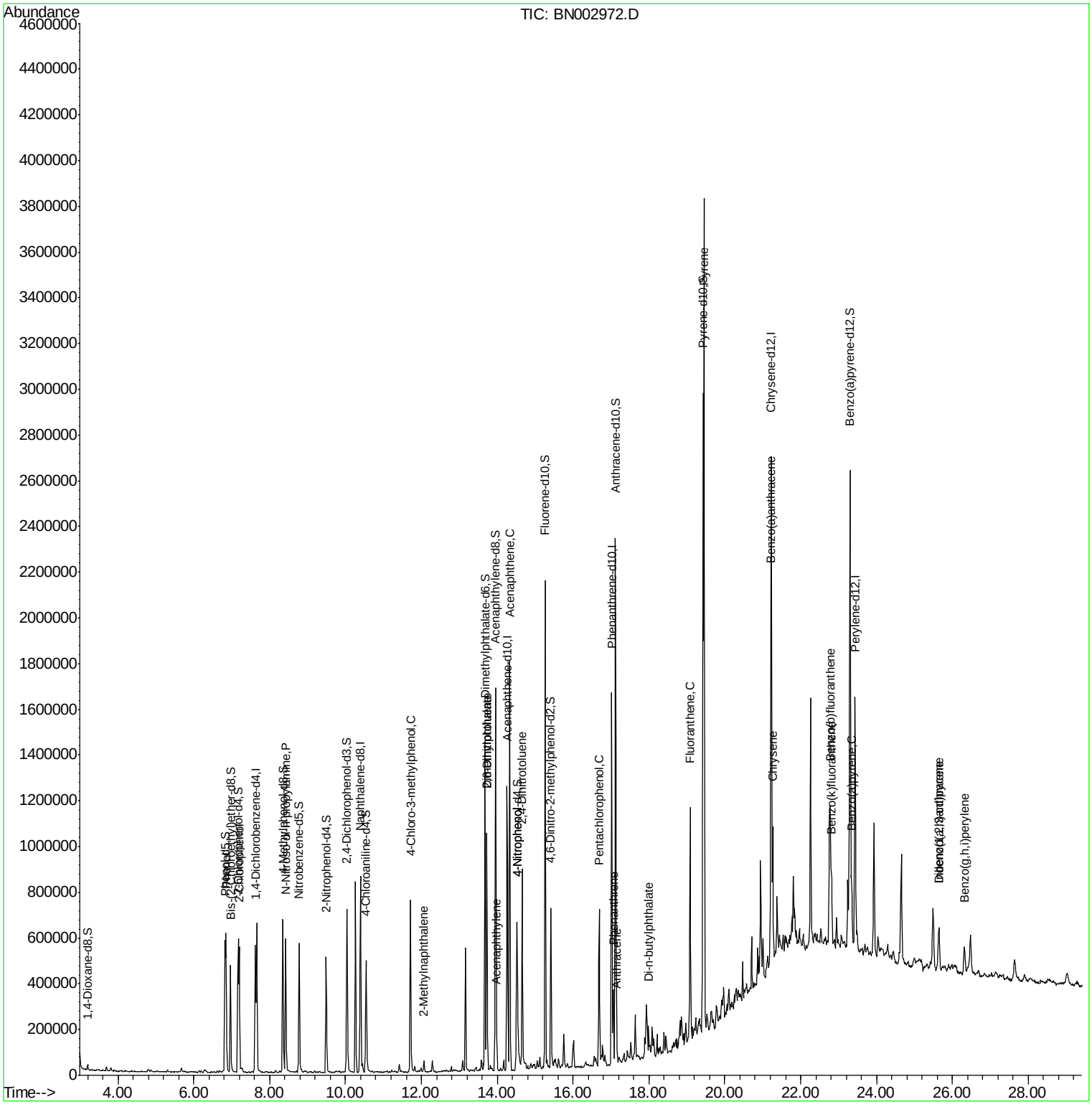
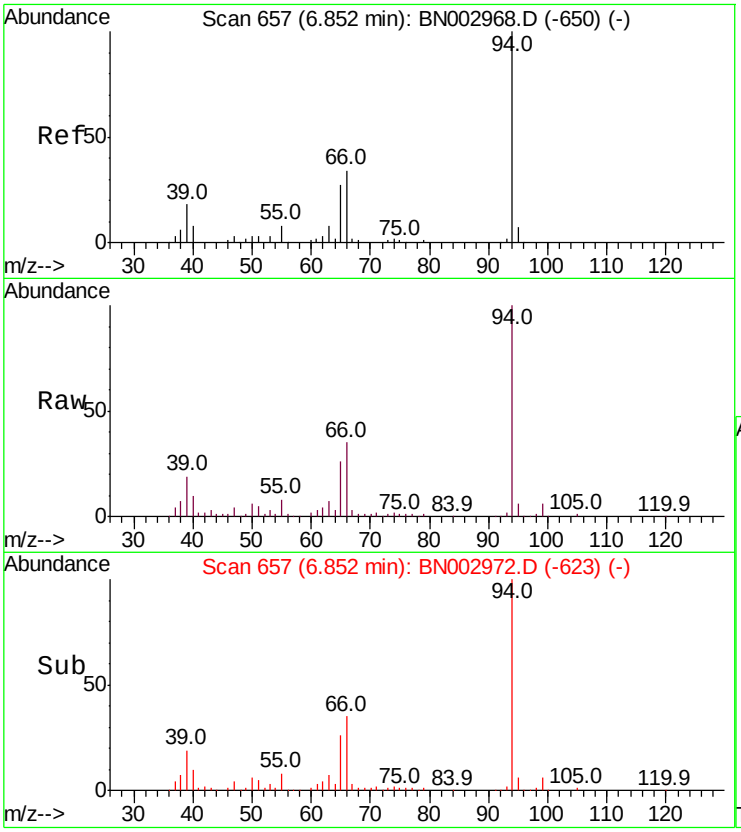
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 06 02:55:40 2018
Response via : Initial Calibration



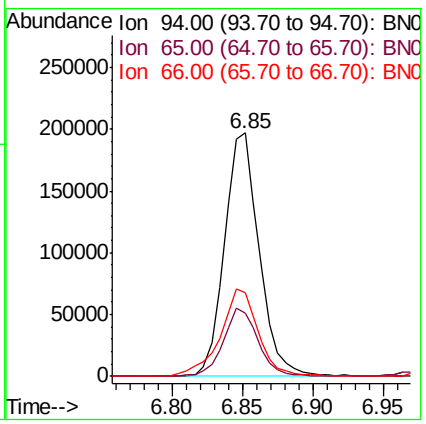


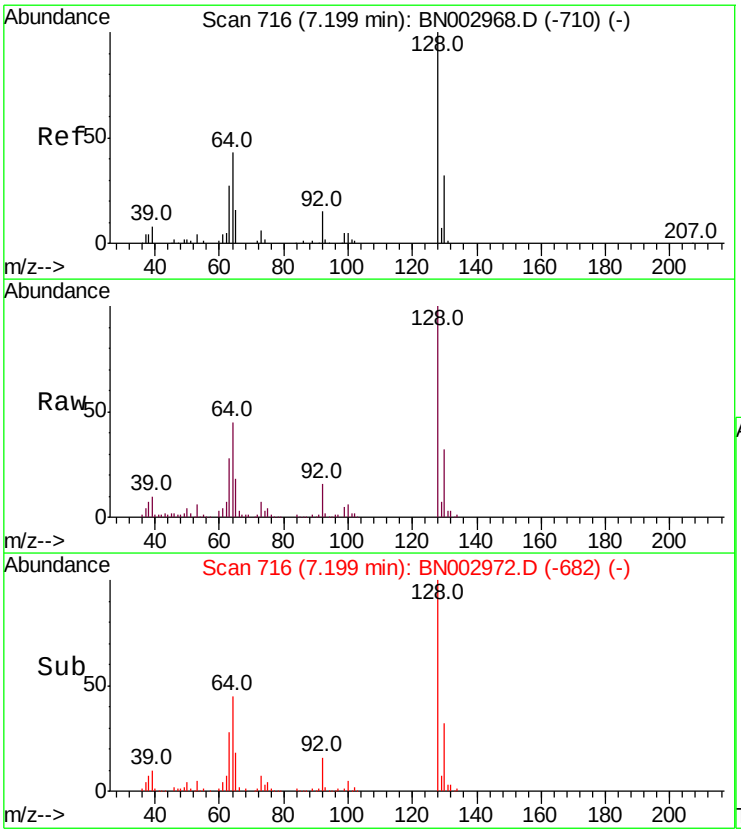
#6
Phenol
Concen: 25.658 ng/ul
RT: 6.85 min Scan# 657
Delta R.T. -0.00 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 94 Resp: 336515

Ion	Ratio	Lower	Upper
94	100		
65	26.1	23.1	34.7
66	34.5	29.8	44.6

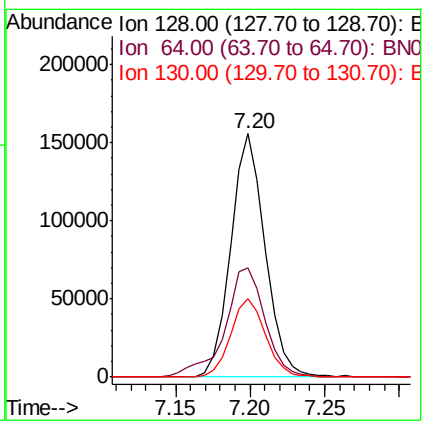


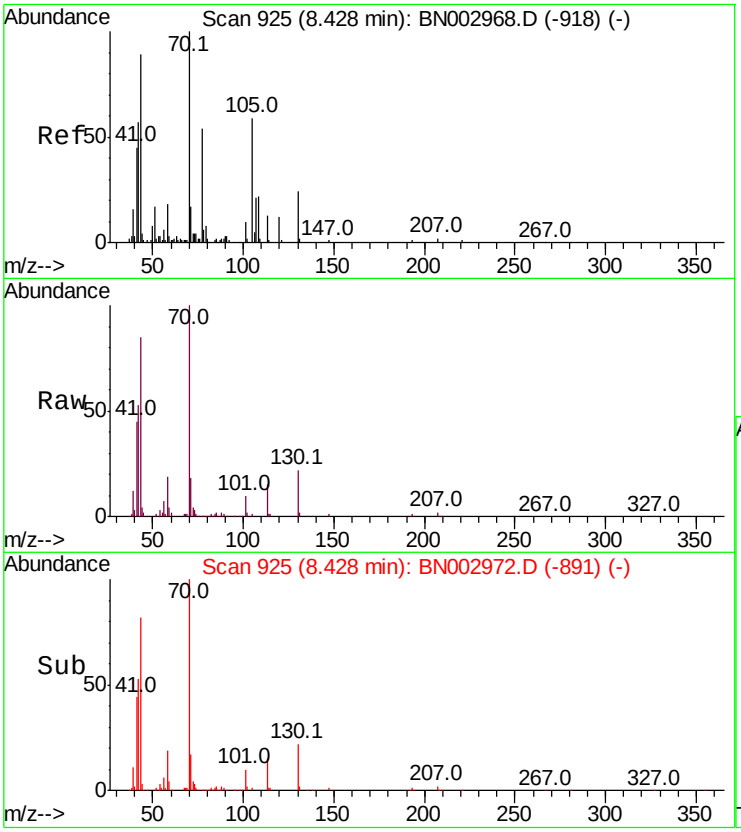


#10
2-Chlorophenol
Concen: 23.492 ng/ul
RT: 7.20 min Scan# 716
Delta R.T. -0.00 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Tgt Ion:128 Resp: 249576

Ion	Ratio	Lower	Upper
128	100		
64	45.0	40.4	60.6
130	32.4	26.8	40.2



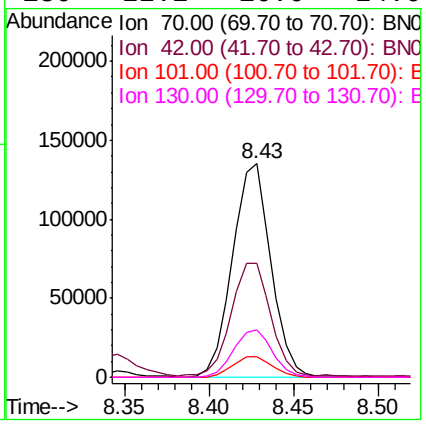


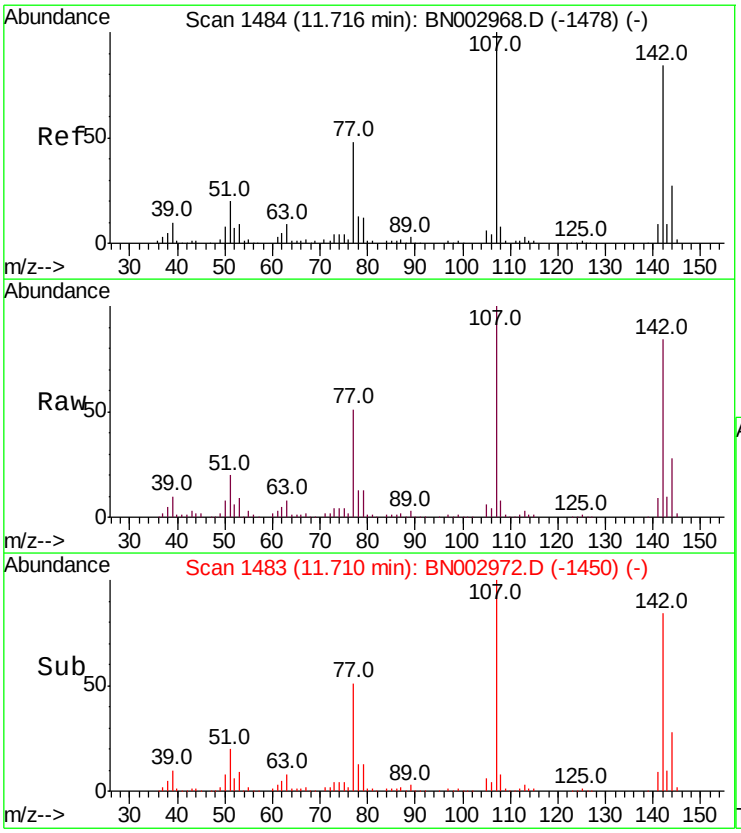
#15
N-Nitroso-di-n-propylamine
Concen: 27.497 ng/ul
RT: 8.43 min Scan# 925
Delta R.T. -0.00 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 70 Resp: 214460

Ion	Ratio	Lower	Upper
70	100		
42	53.3	47.7	71.5
101	9.8	8.0	12.0
130	22.2	16.0	24.0

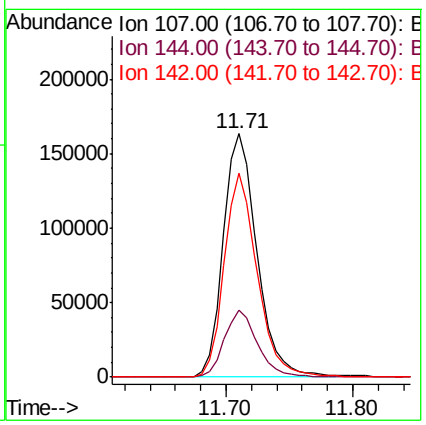


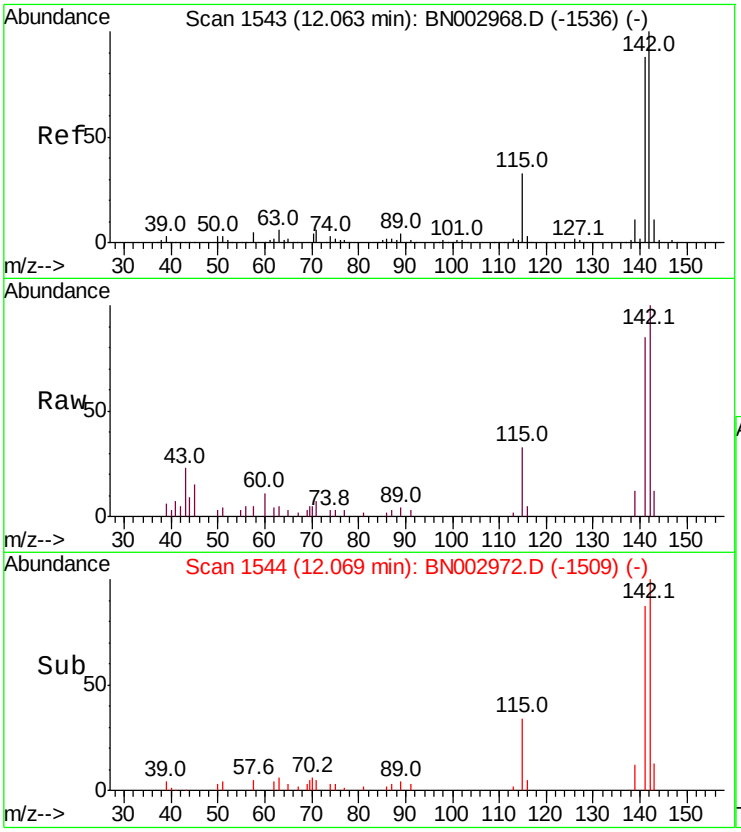


#33
4-Chloro-3-methylphenol
Concen: 26.734 ng/ul
RT: 11.71 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Tgt Ion:107 Resp: 300354

Ion	Ratio	Lower	Upper
107	100		
144	27.5	20.2	30.4
142	83.9	62.9	94.3



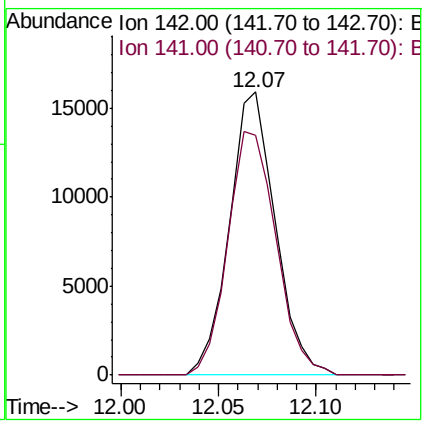


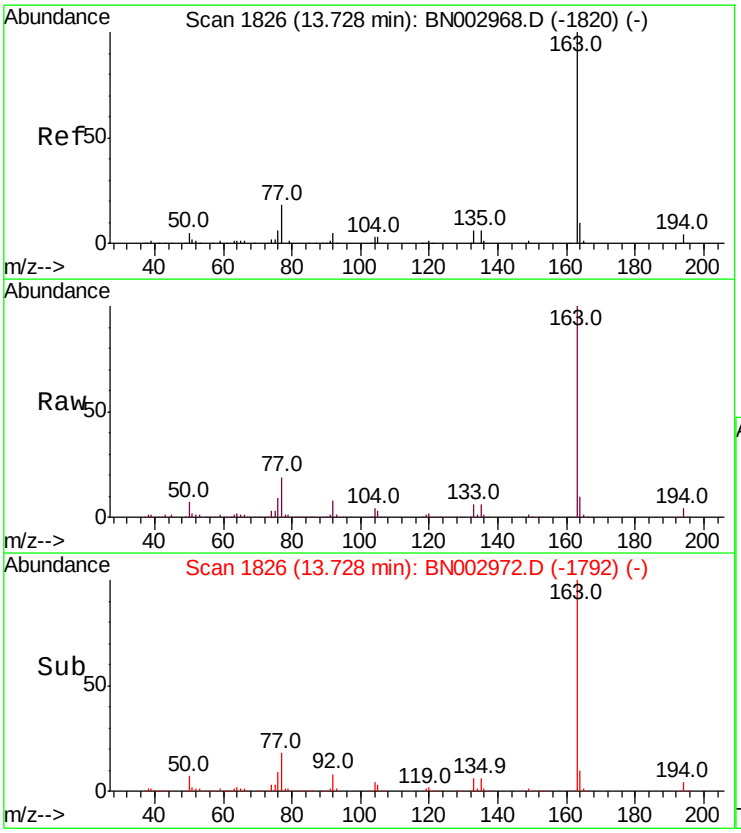
#34
2-Methylnaphthalene
Concen: 1.005 ng/ul
RT: 12.07 min Scan# 1544
Delta R.T. 0.01 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 25983

Ion	Ratio	Lower	Upper
142	100		
141	84.8	71.8	107.8

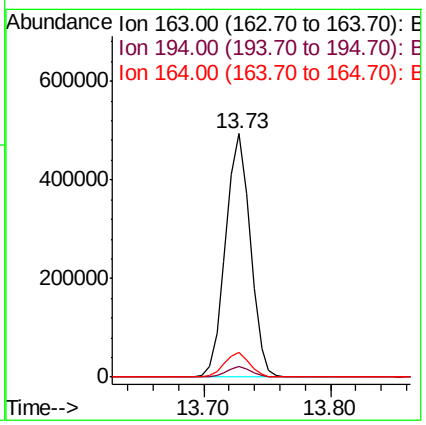


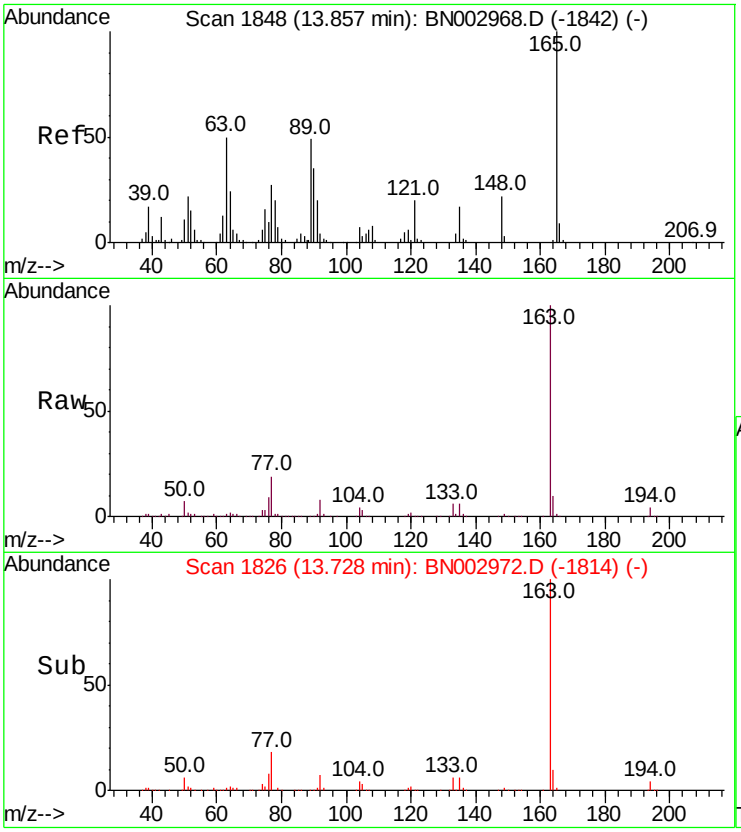


#44
Dimethylphthalate
Concen: 20.218 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Tgt Ion:163 Resp: 664916

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.0	8.1	12.1



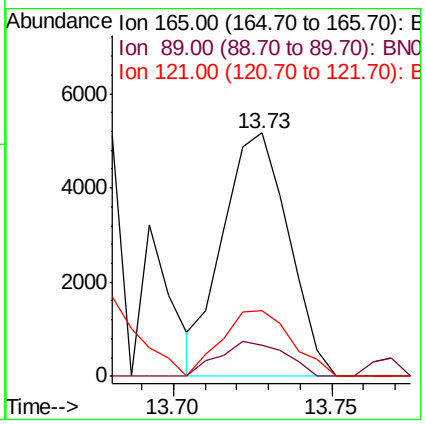


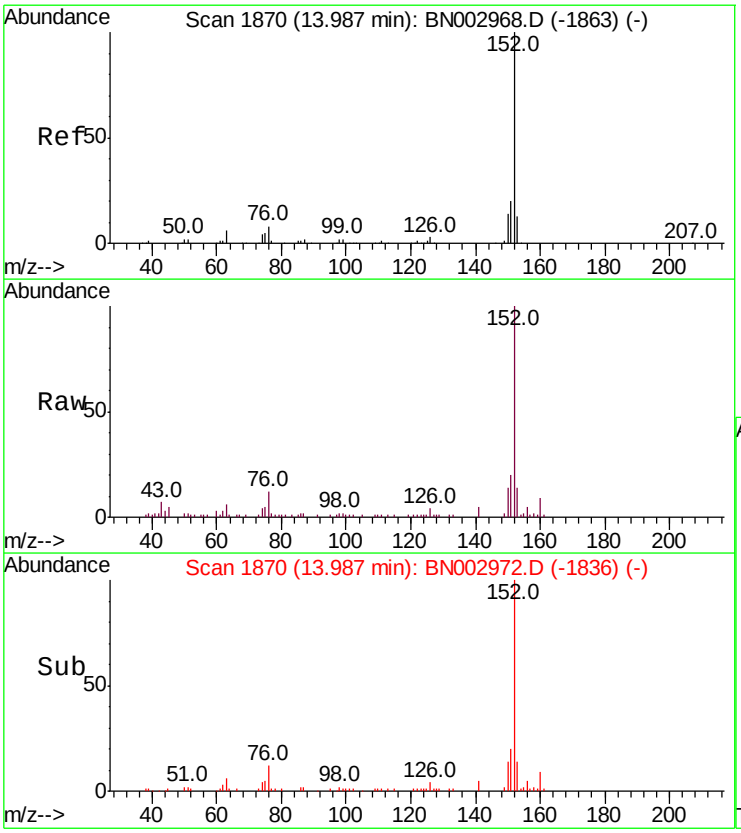
#45
2,6-Dinitrotoluene
Concen: 1.119 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. -0.13 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 7411

Ion	Ratio	Lower	Upper
165	100		
89	12.8	41.7	62.5#
121	27.0	16.6	24.8#

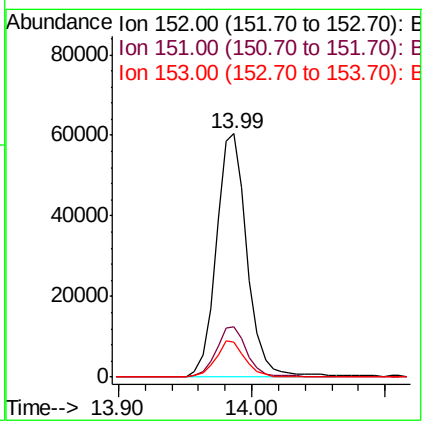


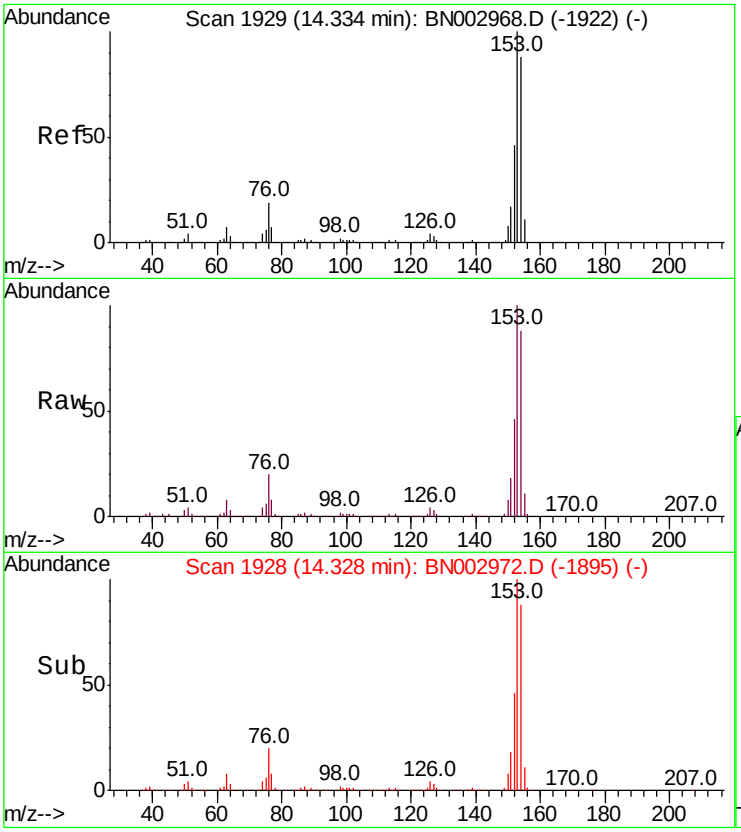


#47
Acenaphthylene
Concen: 2.357 ng/ul
RT: 13.99 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Tgt Ion:152 Resp: 97419

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.0	24.0
153	14.3	10.6	16.0



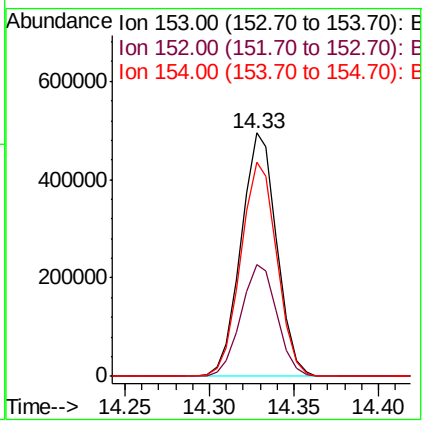


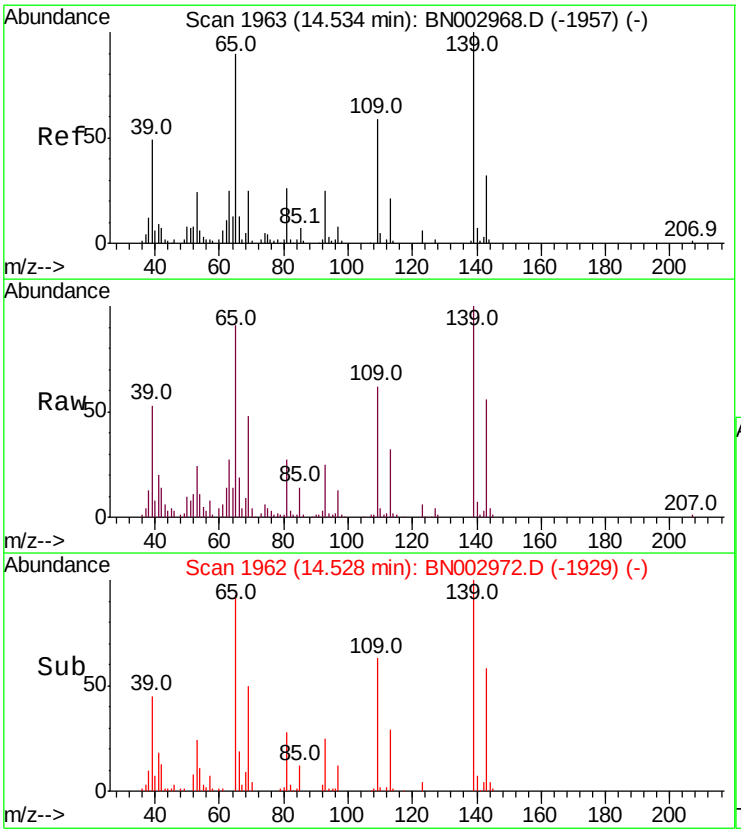
#49
Acenaphthene
Concen: 24.813 ng/ul
RT: 14.33 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 726557

Ion	Ratio	Lower	Upper
153	100		
152	45.7	37.8	56.6
154	87.8	70.9	106.3

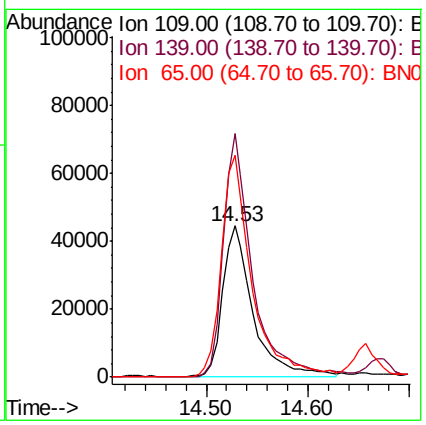


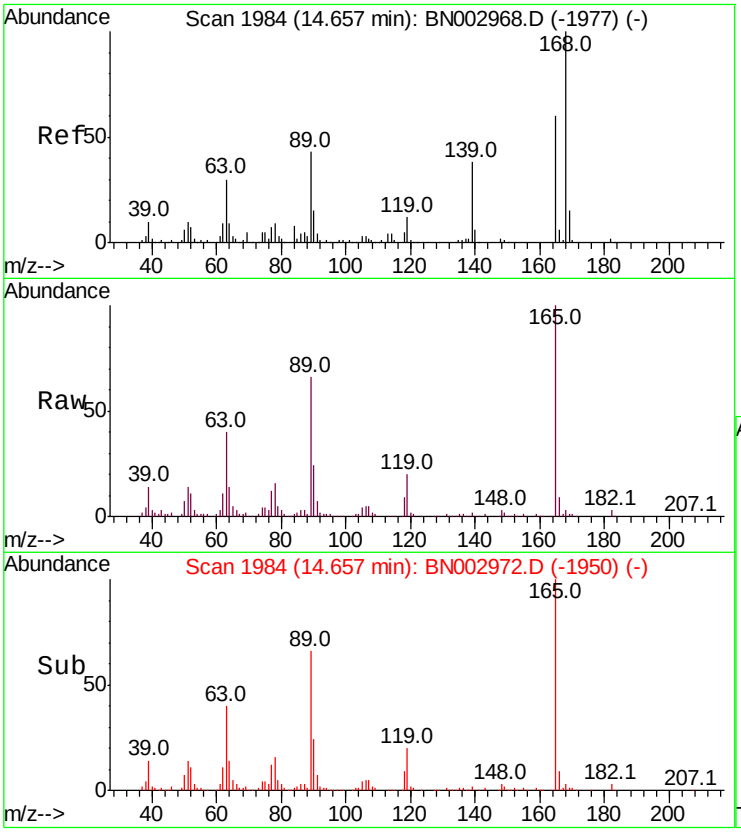


#52
4-Nitrophenol
Concen: 24.040 ng/ul
RT: 14.53 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Tgt Ion:109 Resp: 93200

Ion	Ratio	Lower	Upper
109	100		
139	161.3	116.5	174.7
65	147.3	116.7	175.1



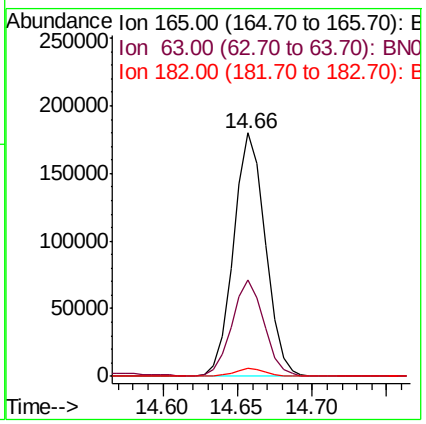


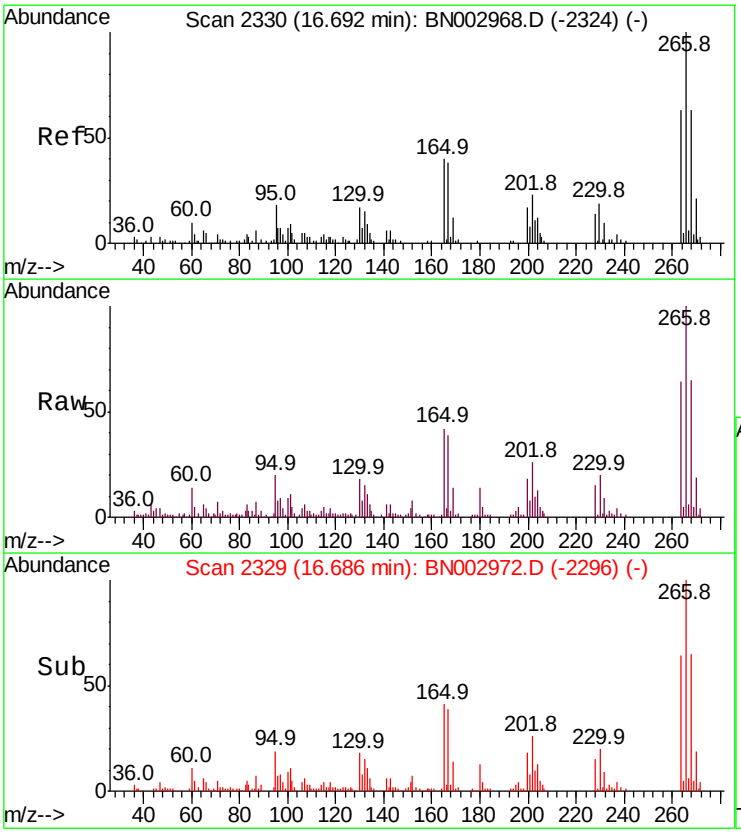
#54
2,4-Dinitrotoluene
Concen: 28.564 ng/ul
RT: 14.66 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 267742

Ion	Ratio	Lower	Upper
165	100		
63	39.5	39.0	58.6
182	3.1	2.4	3.6

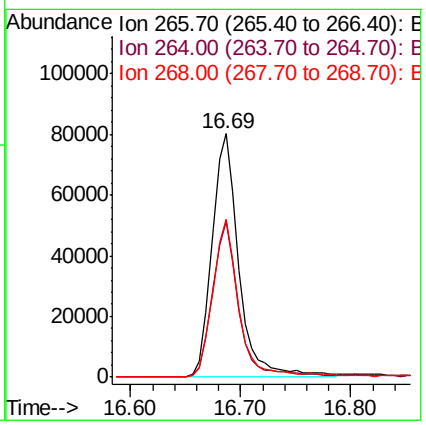


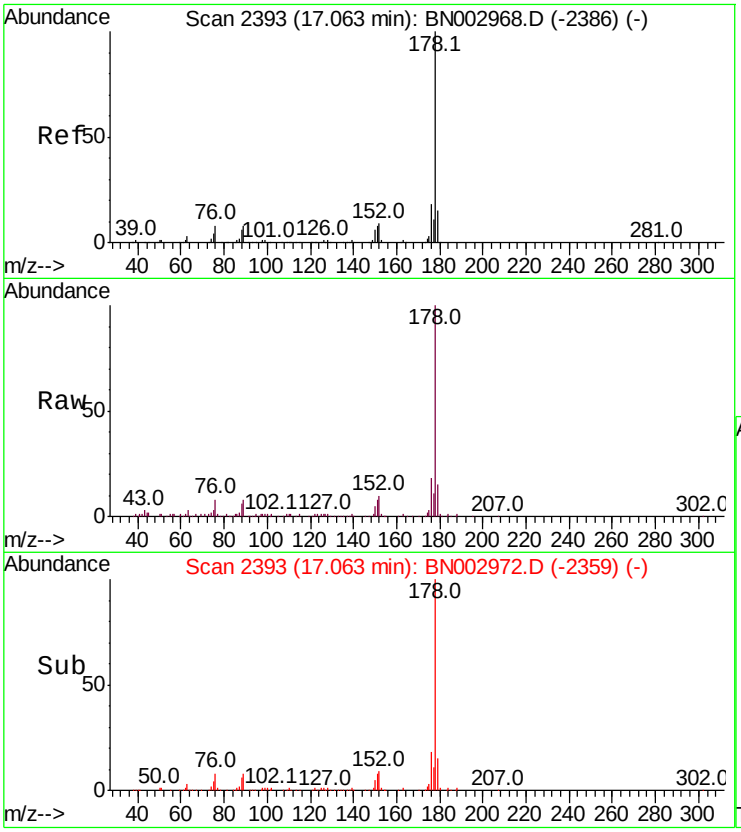


#68
Pentachlorophenol
Concen: 25.407 ng/ul
RT: 16.69 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Tgt Ion:266 Resp: 135328

Ion	Ratio	Lower	Upper
266	100		
264	64.0	49.9	74.9
268	65.0	52.6	79.0



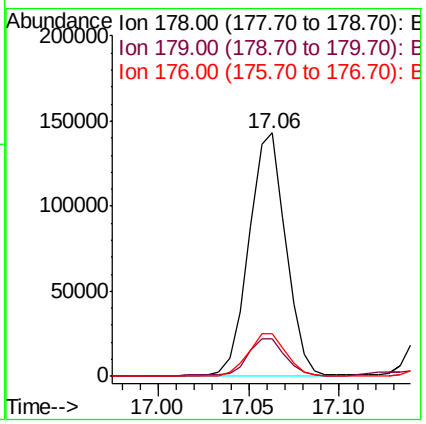


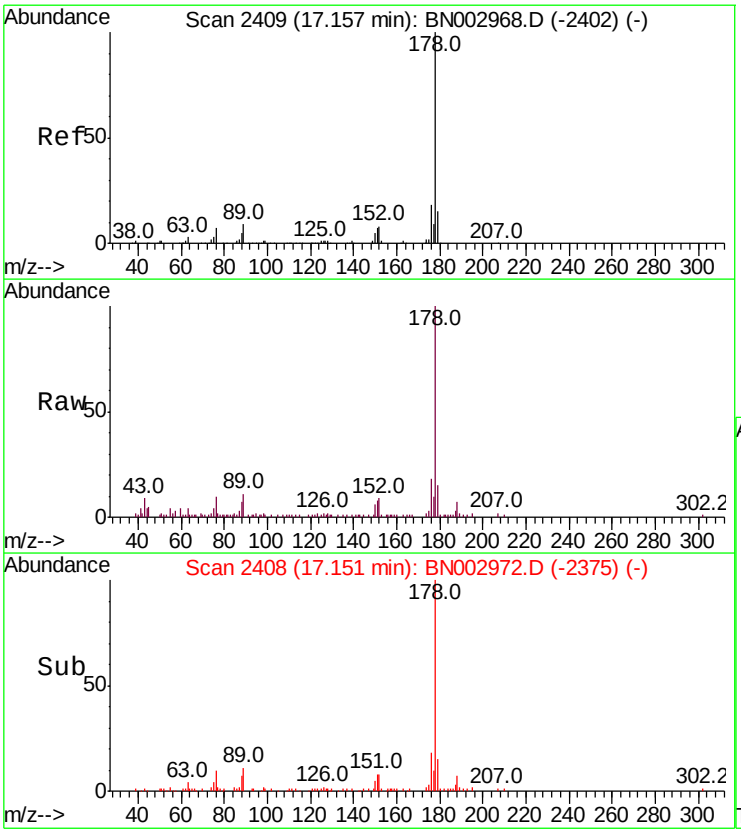
#69
Phenanthrene
Concen: 3.856 ng/ul
RT: 17.06 min Scan# 2393
Delta R.T. -0.00 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 202886

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	17.8	15.0	22.6

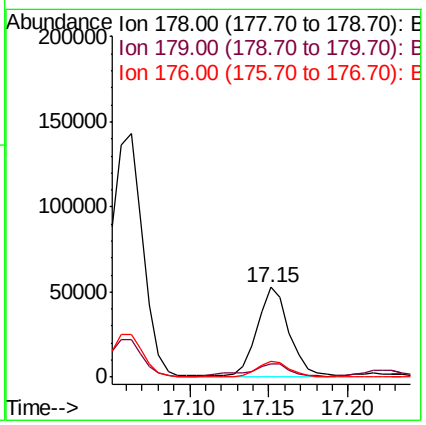


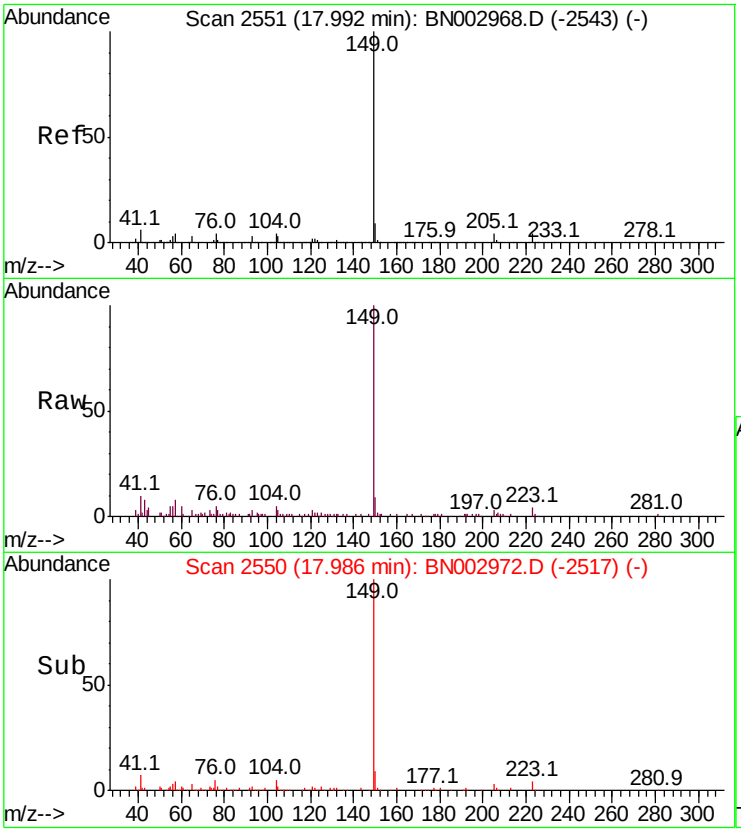


#71
Anthracene
Concen: 1.404 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Tgt Ion:178 Resp: 74888

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.0	18.0
176	17.7	15.0	22.4



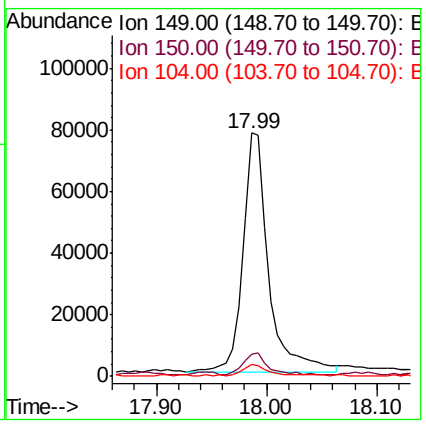


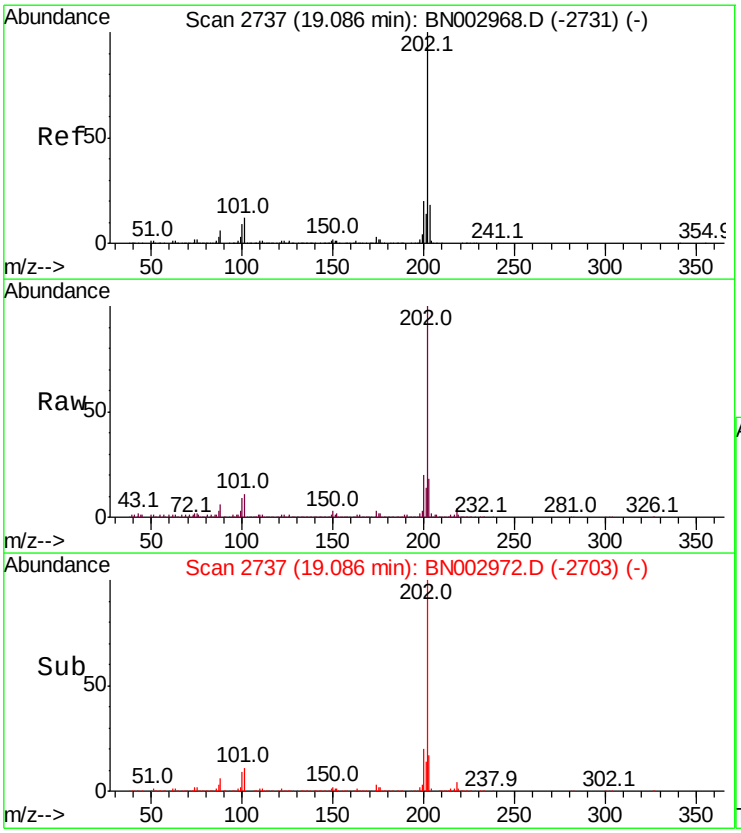
#75
Di-n-butylphthalate
Concen: 2.319 ng/ul
RT: 17.99 min Scan# 2550
Delta R.T. -0.01 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 127384

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.1	3.7	5.5

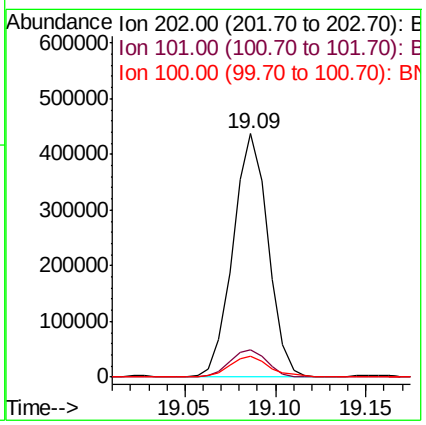


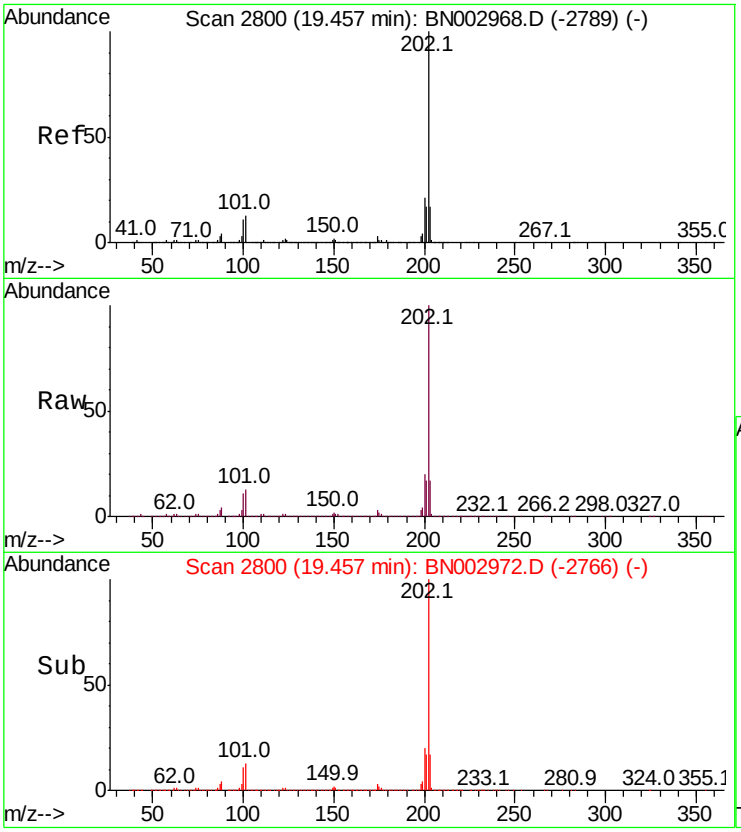


#76
Fluoranthene
Concen: 10.430 ng/ul
RT: 19.09 min Scan# 2737
Delta R.T. -0.00 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Tgt Ion:202 Resp: 585337

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.4	14.2
100	8.7	7.0	10.6



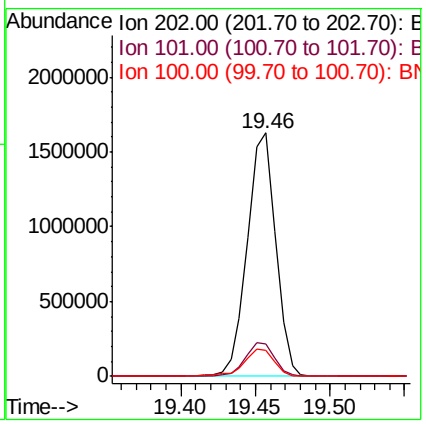


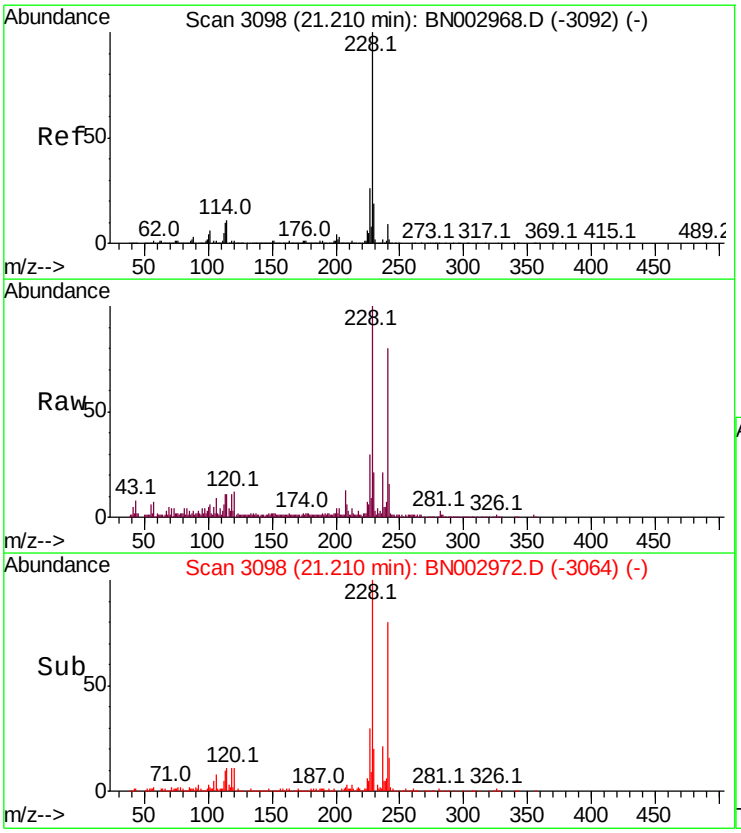
#79
Pyrene
Concen: 33.908 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. -0.00 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 2129440

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.8	16.2
100	10.8	8.2	12.2

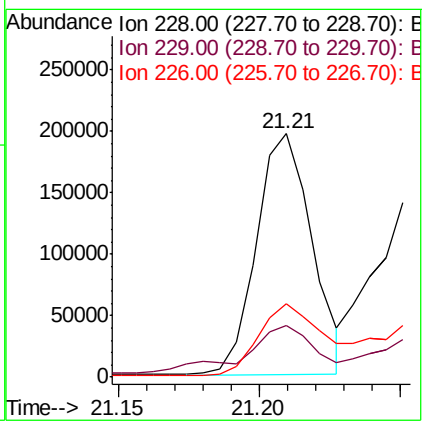


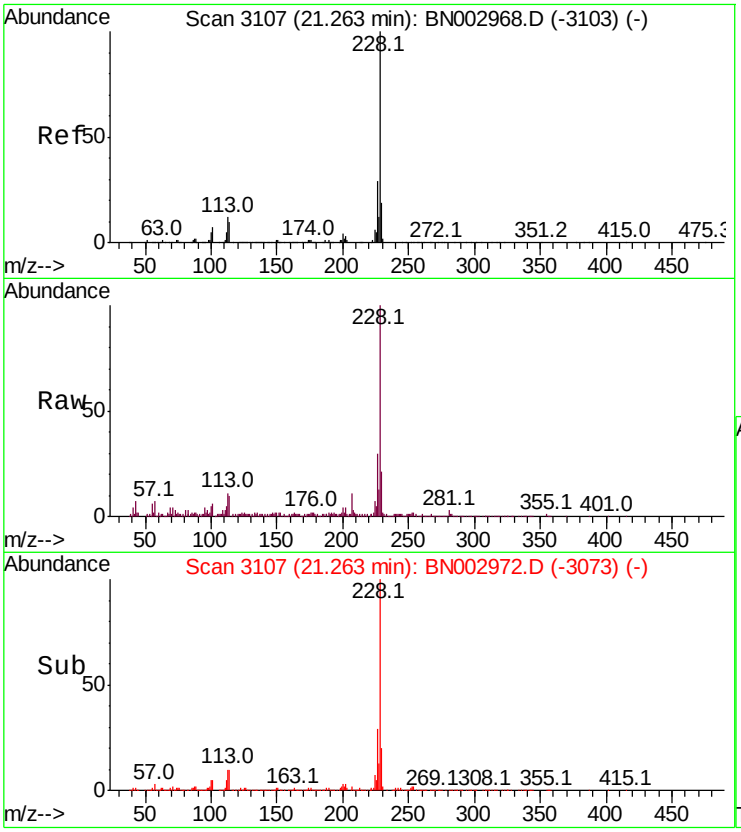


#82
Benzo(a)anthracene
Concen: 4.535 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Tgt Ion:228 Resp: 267952

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.6
226	30.2	20.9	31.3



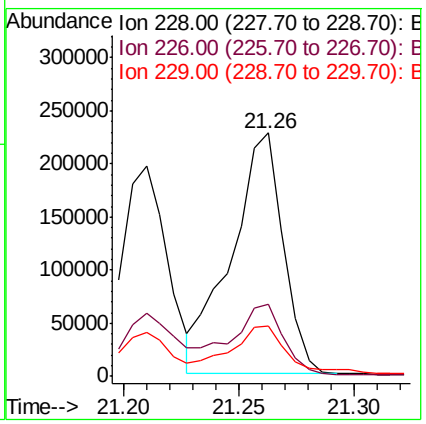


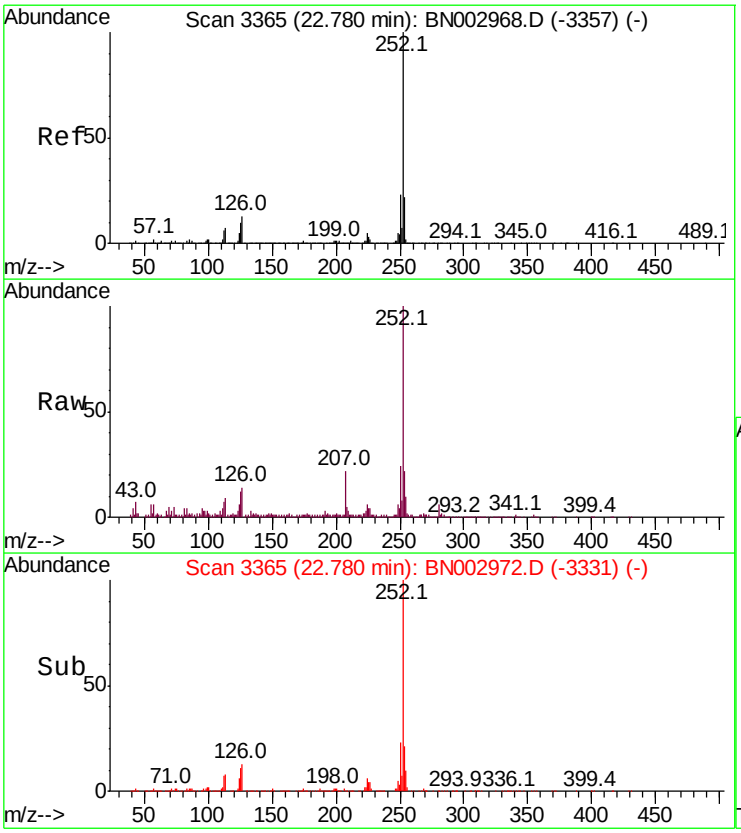
#84
Chrysene
Concen: 6.409 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 354936

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	20.5	15.7	23.5

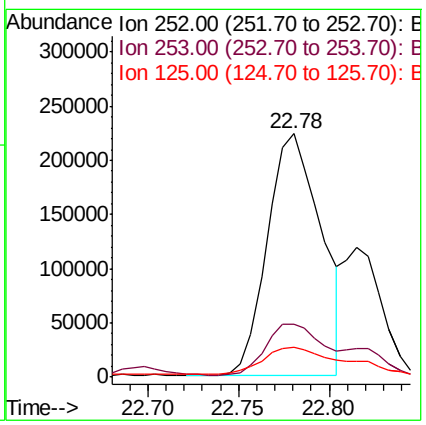


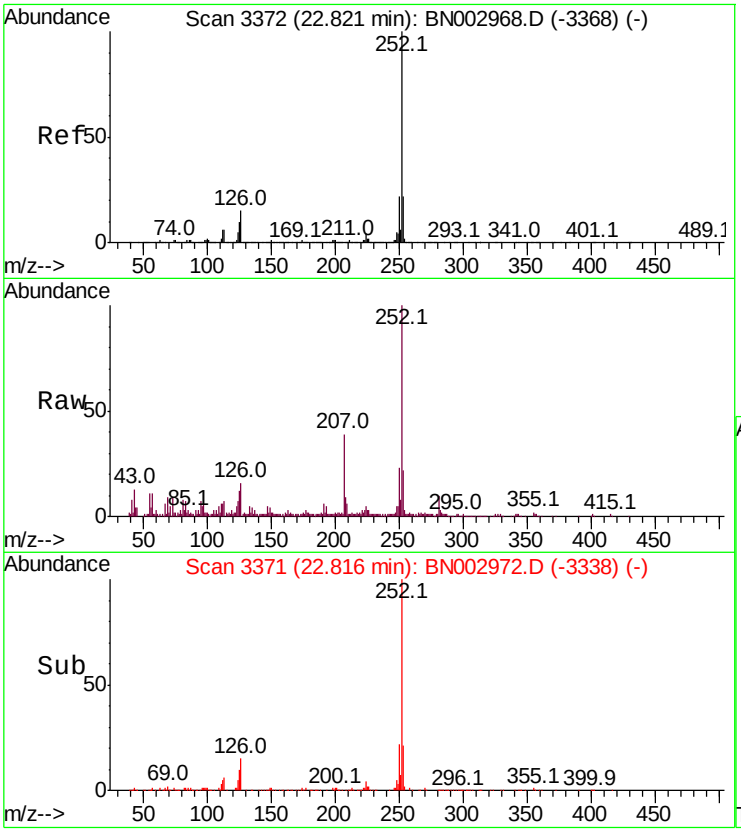


#87
Benzo(b)fluoranthene
Concen: 9.863 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. -0.00 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Tgt Ion:252 Resp: 462838

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	12.1	8.0	12.0#



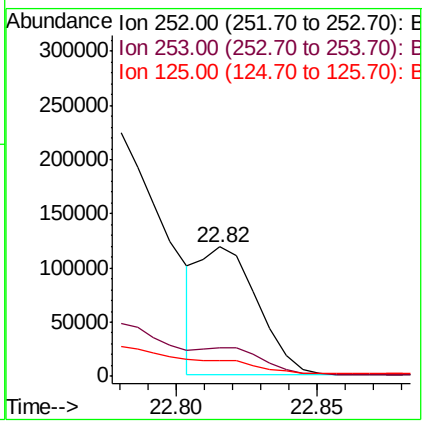


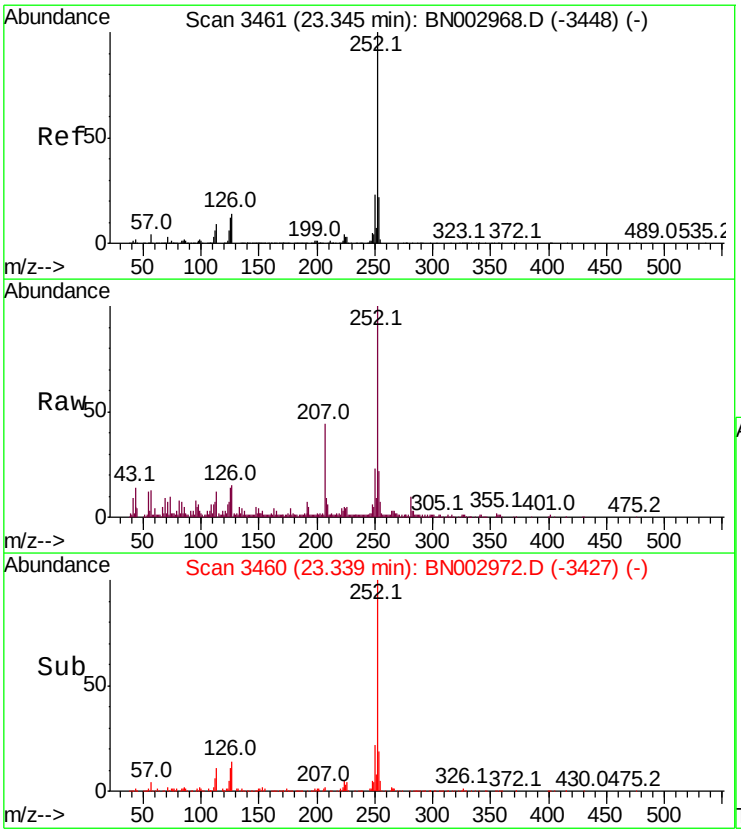
#88
Benzo(k)fluoranthene
Concen: 3.872 ng/ul
RT: 22.82 min Scan# 3371
Delta R.T. -0.01 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 169527

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	12.4	8.3	12.5

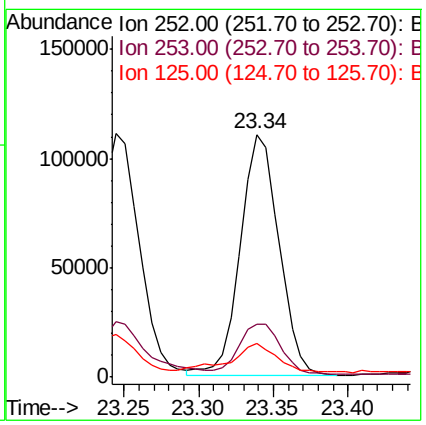


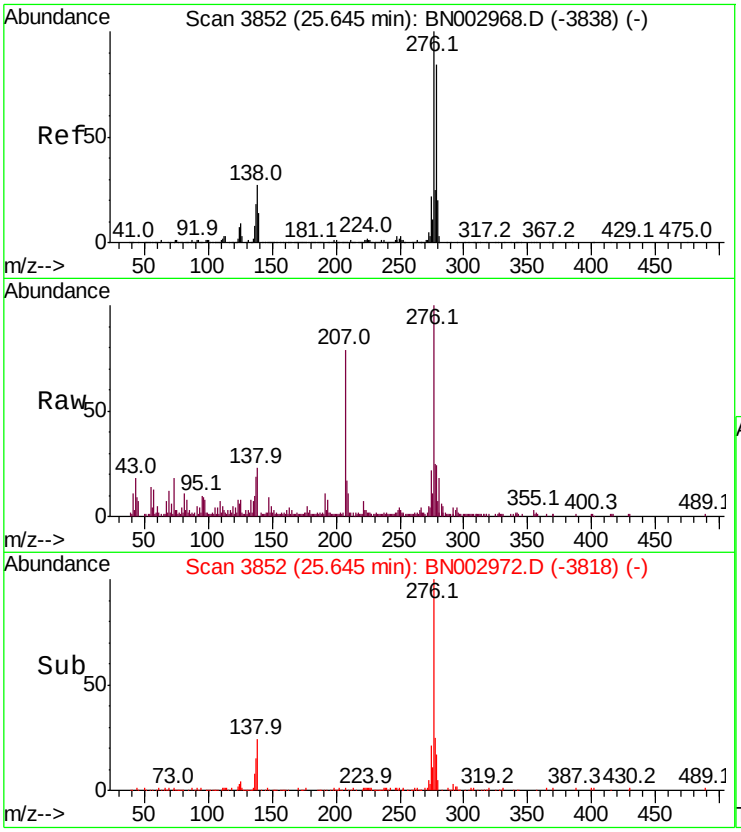


#90
Benzo(a)pyrene
Concen: 4.427 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Tgt Ion:252 Resp: 196393

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	13.7	8.8	13.2#



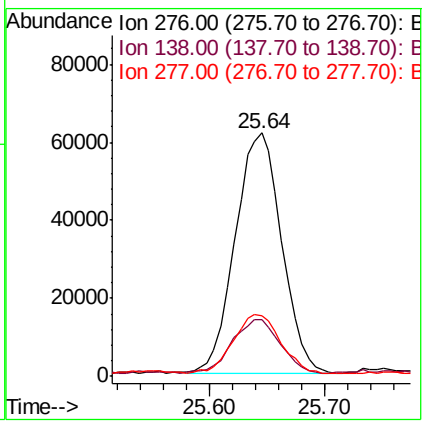


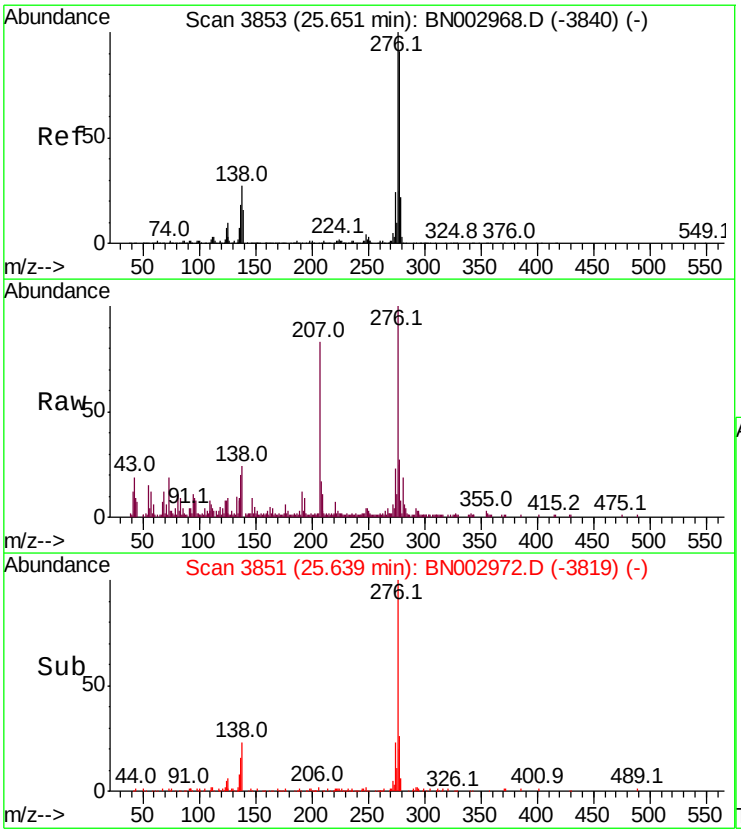
#91
Indeno(1,2,3-cd)pyrene
Concen: 3.292 ng/ul
RT: 25.64 min Scan# 3852
Delta R.T. -0.00 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 172923

Ion	Ratio	Lower	Upper
276	100		
138	23.4	20.2	30.4
277	25.1	20.0	30.0

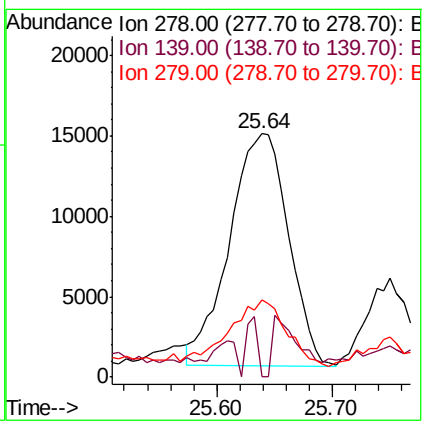


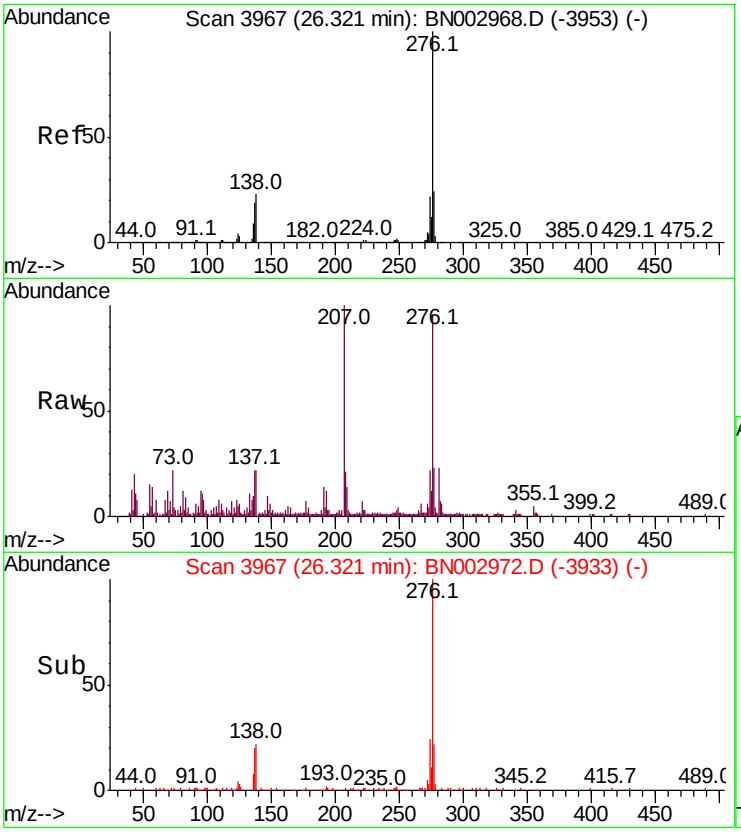


#92
Dibenzo(a,h)anthracene
Concen: 1.158 ng/ul
RT: 25.64 min Scan# 3851
Delta R.T. -0.01 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Tgt Ion:278 Resp: 51256

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	31.7	18.7	28.1#





#93
Benzo(g,h,i)perylene
Concen: 3.264 ng/ul
RT: 26.32 min Scan# 3967
Delta R.T. -0.00 min
Lab File: BN002972.D
Acq: 05 Oct 2018 20:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 143312

Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.2	27.2
277	23.9	18.6	28.0