Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\

Quantitation Report (Not Reviewed)

Data File : BN003219.D
Acq On : 19 Oct 2018 22:32
Operator : MJ/SJ
Sample : J5567-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AH2

Quant Time: Oct 20 05:08:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 20 05:04:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	95353	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	453561	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	275253	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	638173	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	655724	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	589237	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	6832	3.70	ng/uL	0.00
5) Phenol-d5	6.80	99	189895	21.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	95697	18.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	145174	20.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	157871	21.48	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	63727	18.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	77572	19.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	142254	19.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	152260	25.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	393730	16.79	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	472196	16.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	62784	19.43	ng/ul	0.02
57) Fluorene-d10	15.25	176	328481	15.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	66771	15.58	ng/ul	0.00
70) Anthracene-d10	17.10	188	515754	16.32	ng/ul	0.00
78) Pyrene-d10	19.40	212	561186	17.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	534179	16.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	125	0.058	ng/uL#	19
4) Benzaldehyde	6.82	77	613	0.392	ng/ul#	1
6) Phenol	6.83	94	69067	7.601	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.86	93	134	0.020	ng/ul#	1
15) N-Nitroso-di-n-propylamine	8.33	70	3633	0.640	ng/ul#	1
21) Isophorone	9.48	82	4784	0.300	ng/ul#	65
44) Dimethylphthalate	13.71	163	119118	5.196	ng/ul	97
45) 2,6-Dinitrotoluene	13.71	165	1305	0.284	ng/ul#	36
52) 4-Nitrophenol	14.47	109	255	0.111	ng/ul#	1
56) Diethylphthalate	15.09	149	922	0.040	ng/ul#	59
58) Fluorene	15.25	166	523	0.023	ng/ul#	8
64) N-Nitrosodiphenylamine	15.42	169	148	0.008	ng/ul#	25
67) Atrazine	16.43	200	454	0.066	ng/ul#	35
69) Phenanthrene	17.04	178	969	0.027	ng/ul#	61
71) Anthracene	17.13	178	648	0.018	ng/ul#	61
75) Di-n-butylphthalate	17.97	149	1369	0.035	ng/ul#	79
76) Fluoranthene	19.07	202	5841	0.139	ng/ul#	1
79) Pyrene	19.44	202	4321	0.109	ng/ul#	74
80) Butylbenzylphthalate	20.33	149	737	0.043	ng/ul#	1
81) 3,3'-Dichlorobenzidine	21.25	252	278	0.020	ng/ul#	1
82) Benzo(a)anthracene	21.20	228	7125	0.174	ng/ul#	84
83) Bis(2-ethylhexyl)phthalate	21.12	149	6607	0.259	ng/ul#	97
84) Chrysene	21.23	228	559	0.015	ng/ul#	82

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\

Quantitation Report (Not Reviewed)

Data File : BN003219.D
Acq On : 19 Oct 2018 22:32
Operator : MJ/SJ
Sample : J5567-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AH2

Quant Time: Oct 20 05:08:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 20 05:04:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Di-n-octyl phthalate	21.99	149	446	0.012	ng/ul#	1
87) Benzo(b)fluoranthene	22.77	252	13540	0.380	ng/ul#	80
88) Benzo(k)fluoranthene	22.81	252	2994	0.089	ng/ul#	58
90) Benzo(a)pyrene	23.32	252	3774	0.111	ng/ul#	39
91) Indeno(1,2,3-cd)pyrene	25.70	276	393	0.010	ng/ul#	49
93) Benzo(g,h,i)perylene	26.37	276	821	0.024	ng/ul#	34

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

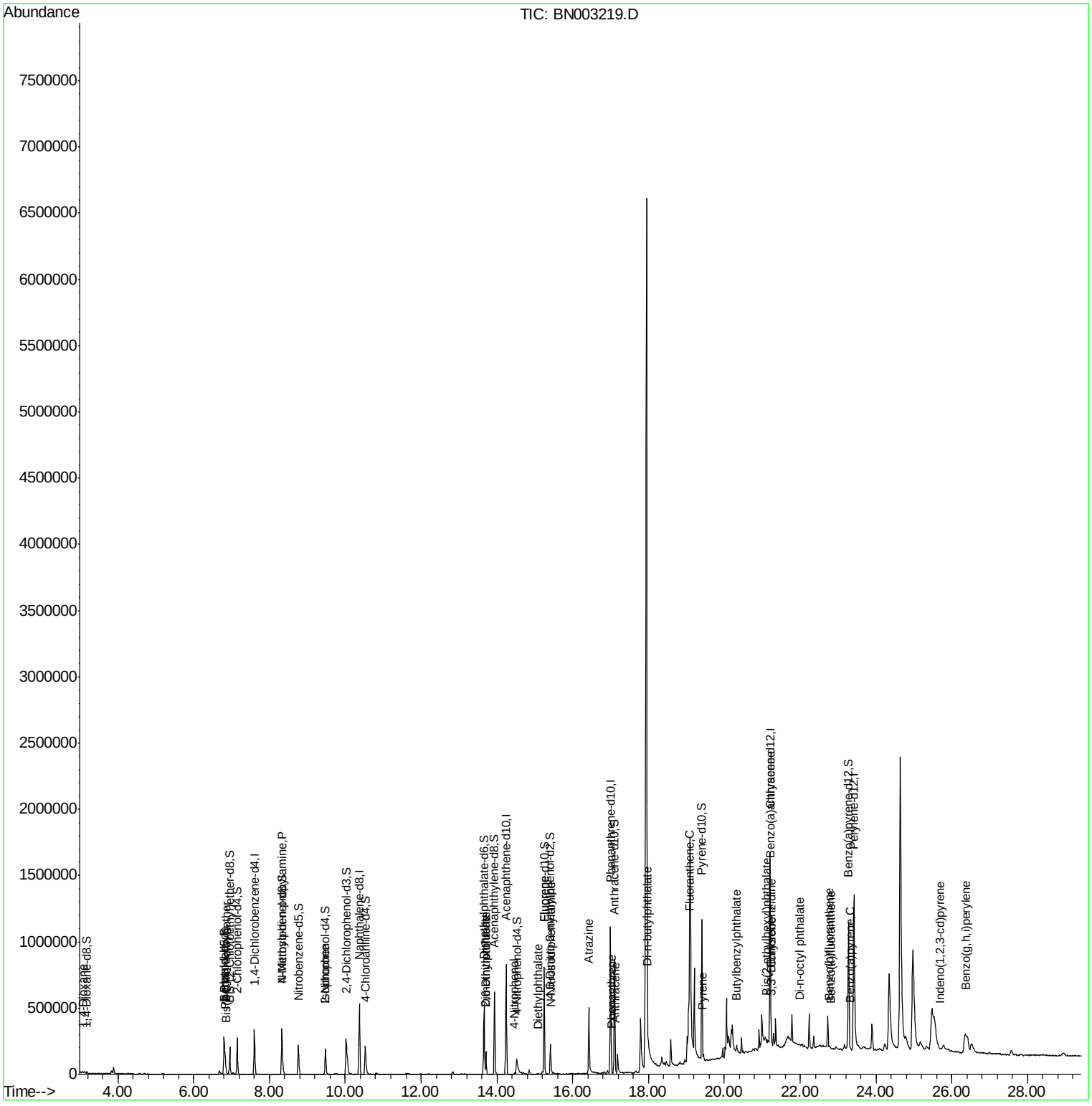
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\

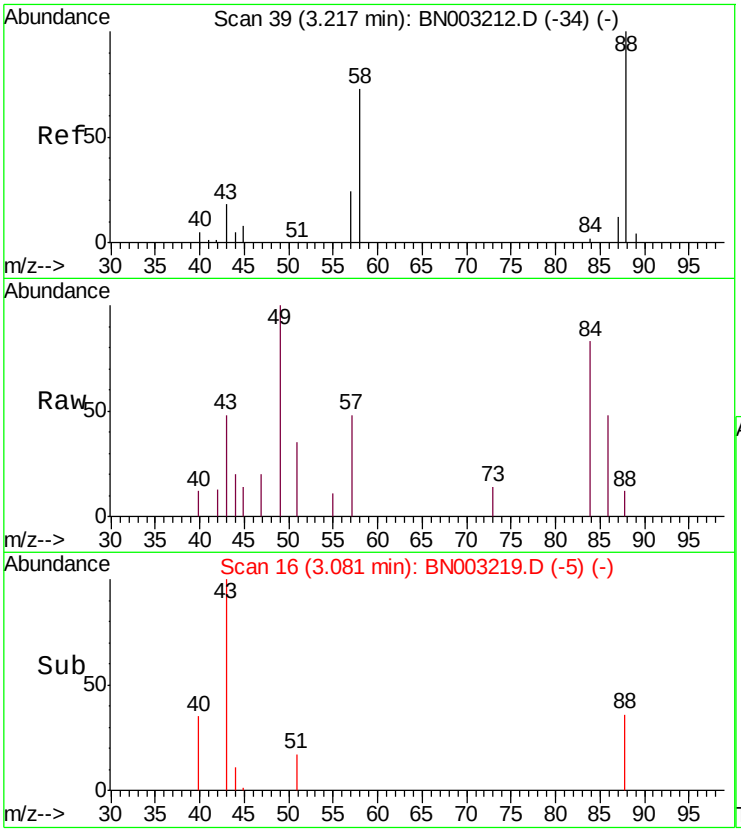
Quantitation Report (Not Reviewed)

Data File : BN003219.D
Acq On : 19 Oct 2018 22:32
Operator : MJ/SJ
Sample : J5567-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AH2

Quant Time: Oct 20 05:08:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 20 05:04:06 2018
Response via : Initial Calibration



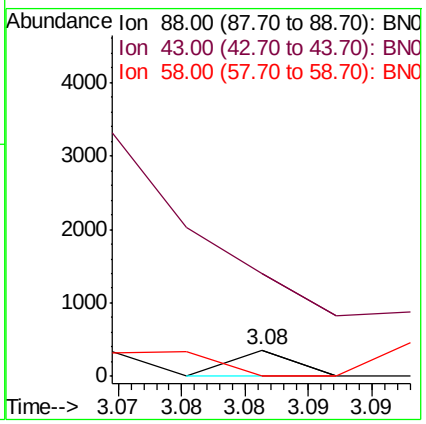


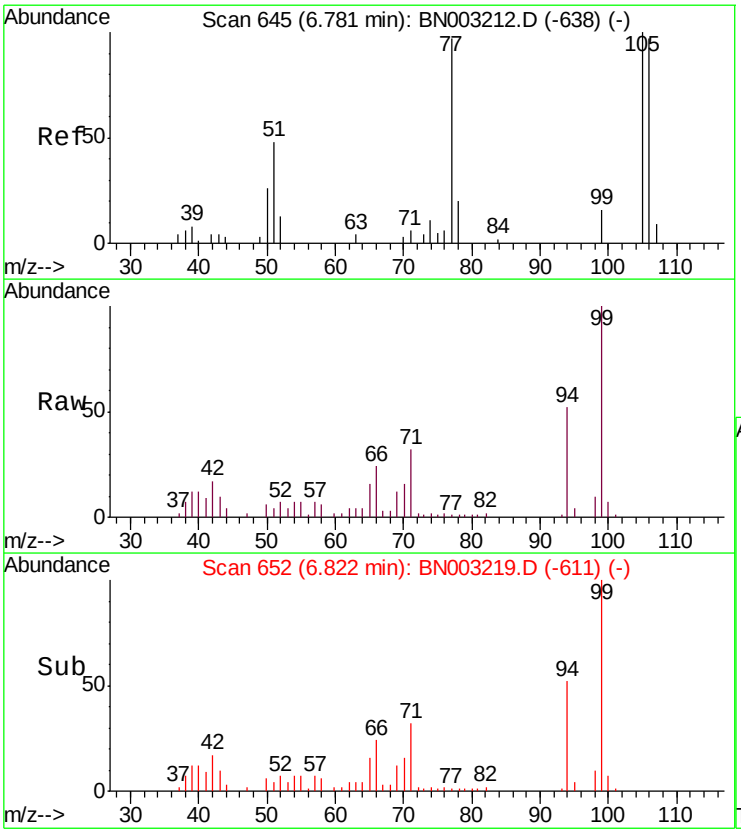
#2
1,4-Dioxane
Concen: 0.058 ng/uL
RT: 3.08 min Scan# 16
Delta R.T. -0.14 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Instrument :
BNA_N
ClientSampleId :
C0AH2

Tgt Ion: 88 Resp: 125

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.3	34.9#
58	0.0	64.4	96.6#

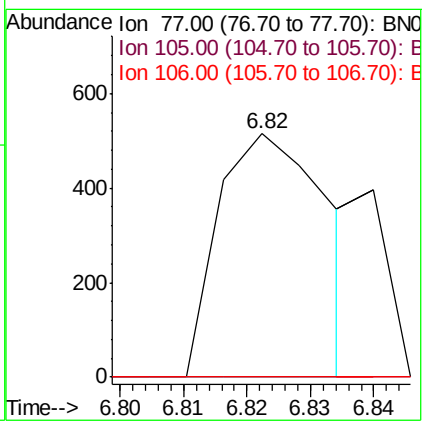


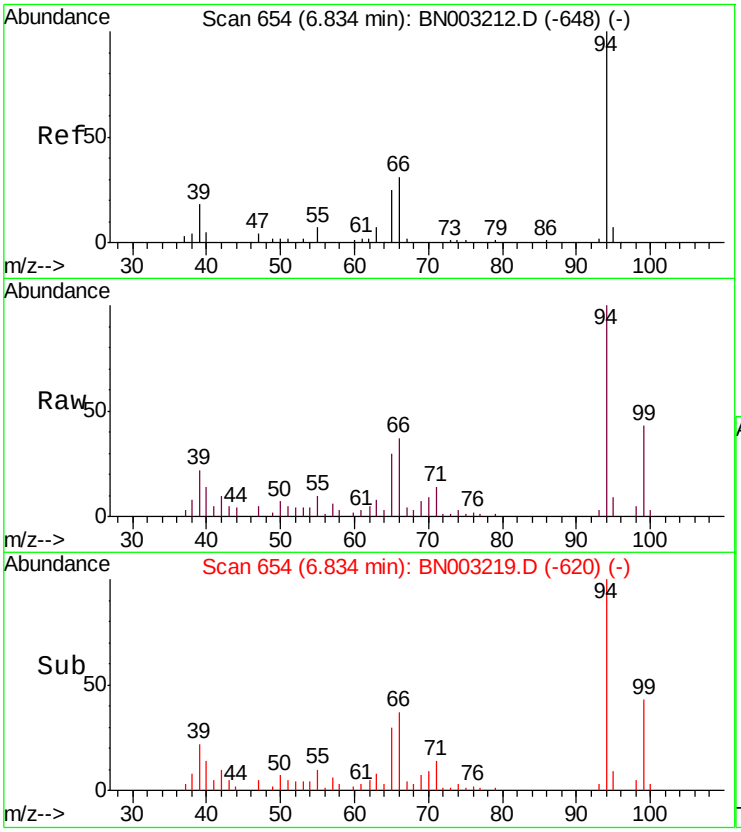


#4
Benzaldehyde
Concen: 0.392 ng/ul
RT: 6.82 min Scan# 652
Delta R.T. 0.04 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Tgt Ion: 77 Resp: 613

Ion	Ratio	Lower	Upper
77	100		
105	0.0	73.8	110.8#
106	0.0	84.2	126.2#



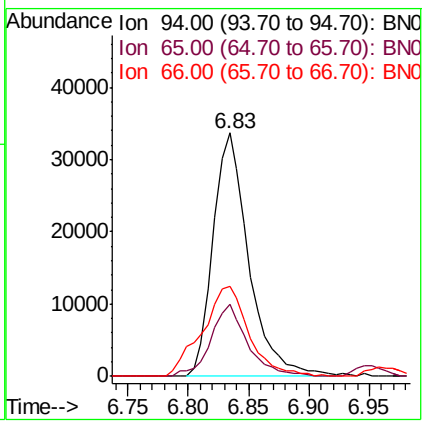


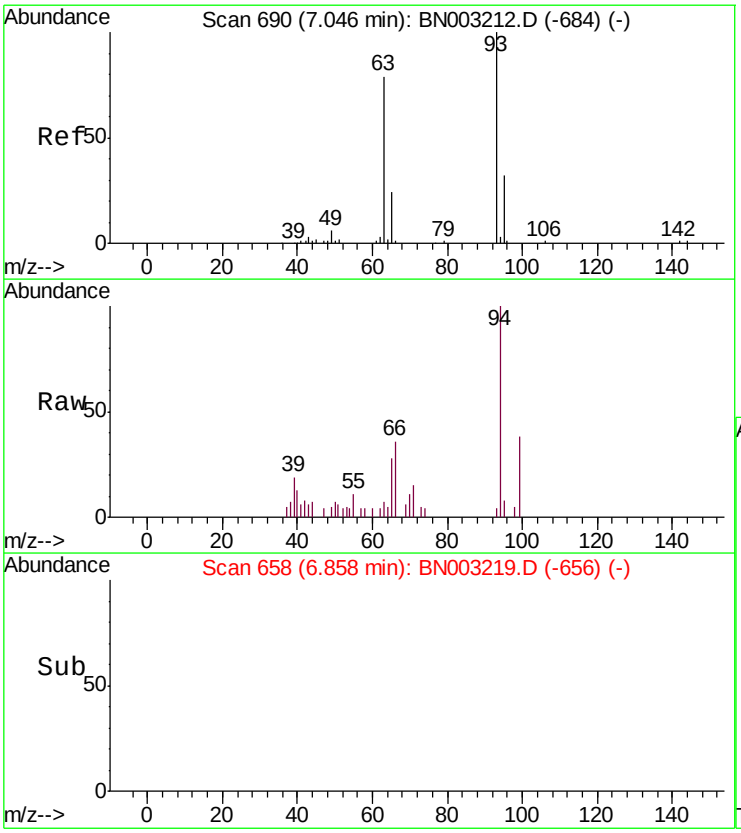
#6
Phenol
Concen: 7.601 ng/ul
RT: 6.83 min Scan# 654
Delta R.T. 0.00 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Instrument :
BNA_N
ClientSampleId :
C0AH2

Tgt Ion: 94 Resp: 69067

Ion	Ratio	Lower	Upper
94	100		
65	29.7	21.2	31.8
66	37.1	27.4	41.2

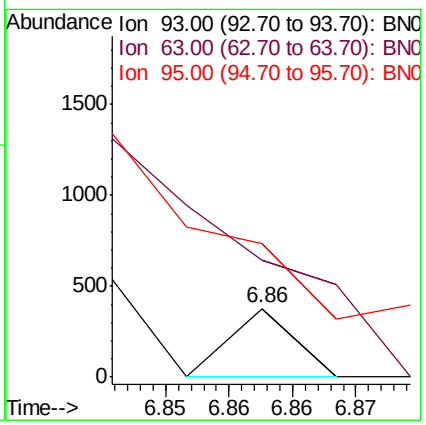


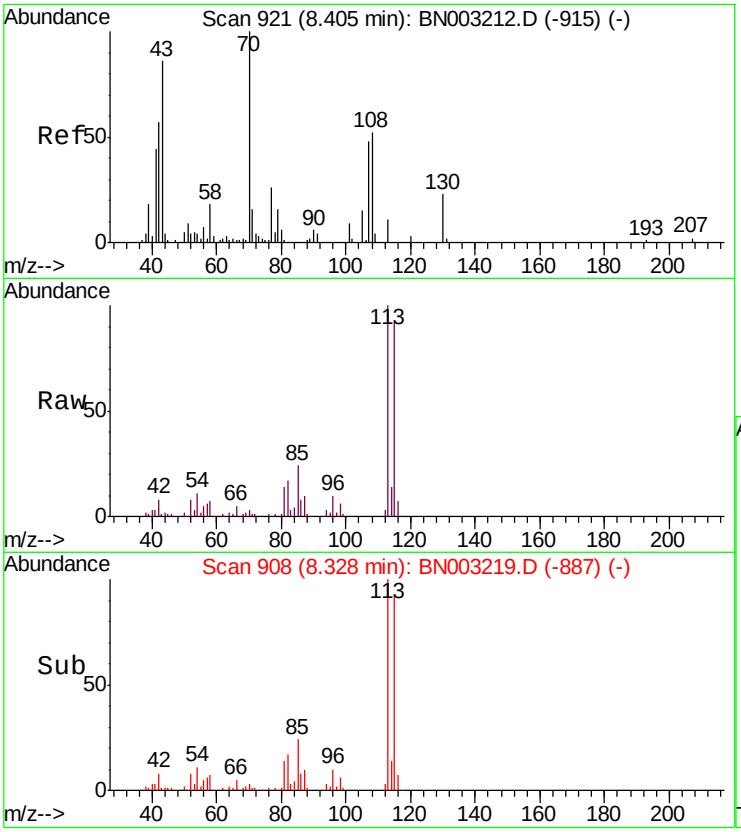


#8
Bis(2-Chloroethyl)ether
Concen: 0.020 ng/ul
RT: 6.86 min Scan# 658
Delta R.T. -0.19 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Tgt Ion: 93 Resp: 134

Ion	Ratio	Lower	Upper
93	100		
63	168.9	64.2	96.4#
95	193.9	24.0	36.0#



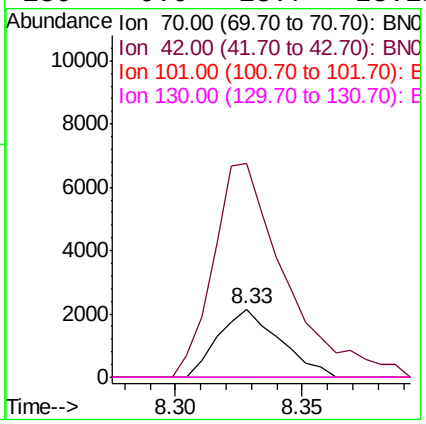


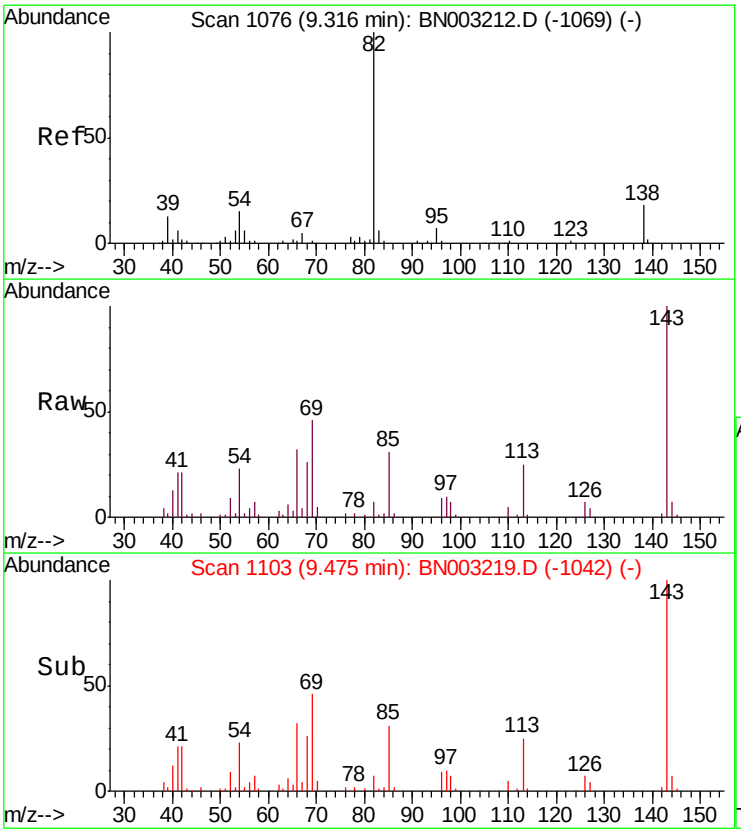
#15
N-Nitroso-di-n-propylamine
Concen: 0.640 ng/ul
RT: 8.33 min Scan# 908
Delta R.T. -0.08 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Instrument :
BNA_N
ClientSampleId :
C0AH2

Tgt Ion: 70 Resp: 3633

Ion	Ratio	Lower	Upper
70	100		
42	313.1	44.5	66.7#
101	0.0	7.9	11.9#
130	0.0	18.7	28.1#

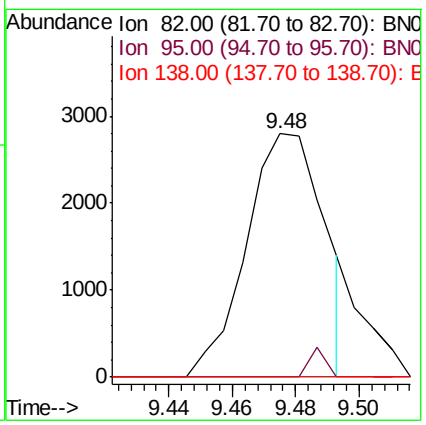


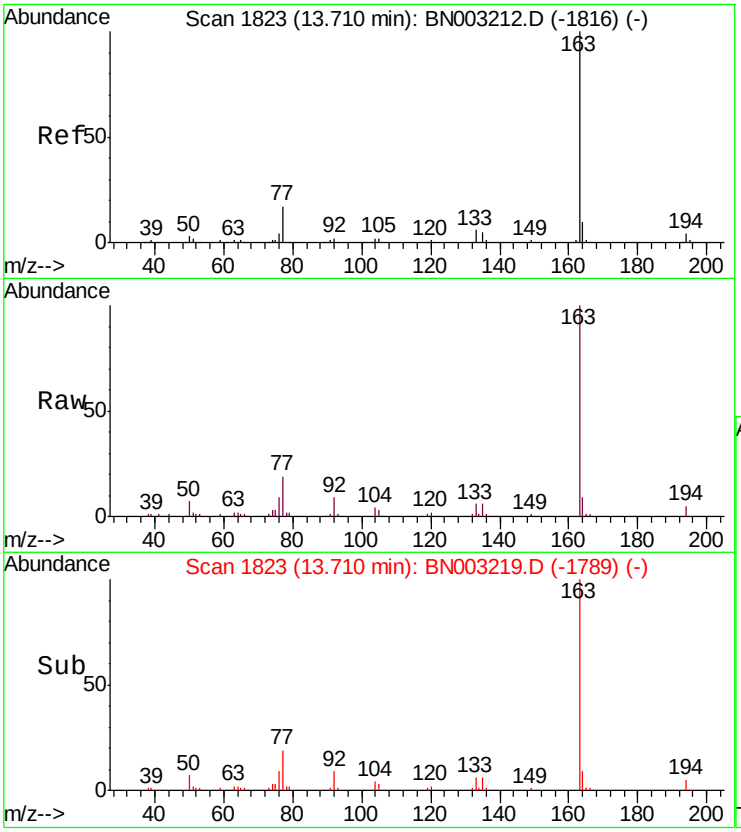


#21
Isophorone
Concen: 0.300 ng/ul
RT: 9.48 min Scan# 1103
Delta R.T. 0.16 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Tgt Ion: 82 Resp: 4784

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	14.5	21.7#



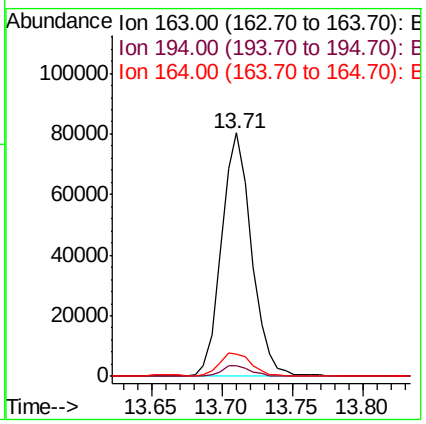


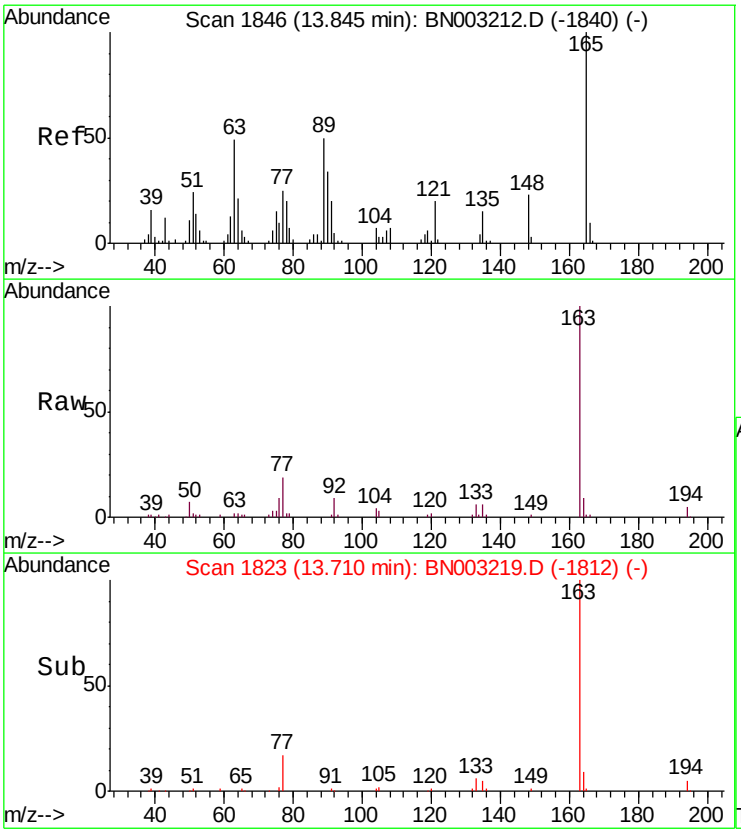
#44
Dimethylphthalate
Concen: 5.196 ng/ul
RT: 13.71 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Instrument :
BNA_N
ClientSampleId :
C0AH2

Tgt Ion:163 Resp: 119118

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	9.0	8.3	12.5

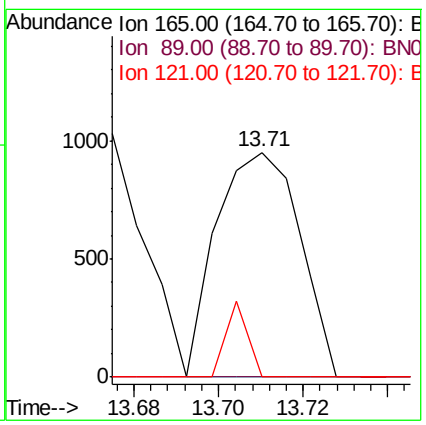


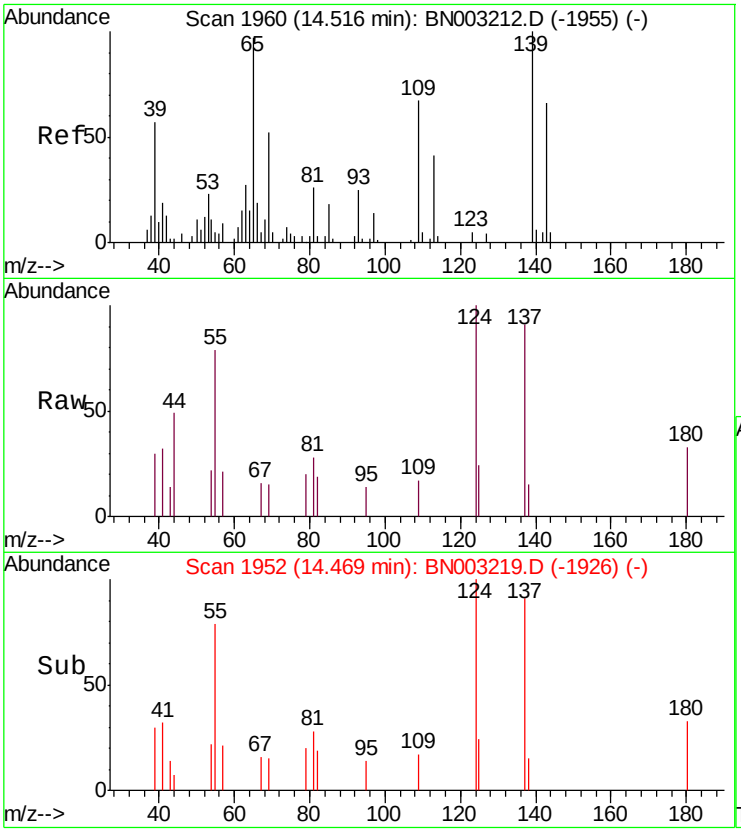


#45
2,6-Dinitrotoluene
Concen: 0.284 ng/ul
RT: 13.71 min Scan# 1823
Delta R.T. -0.14 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Tgt Ion:165 Resp: 1305

Ion	Ratio	Lower	Upper
165	100		
89	0.0	40.3	60.5#
121	0.0	15.7	23.5#



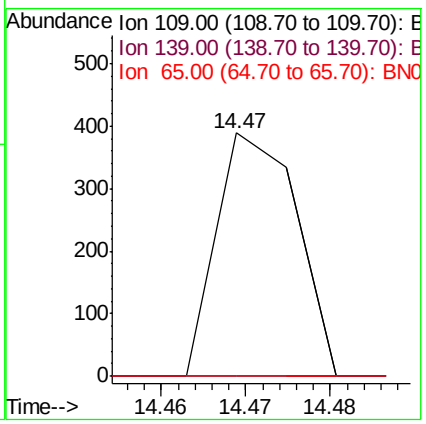


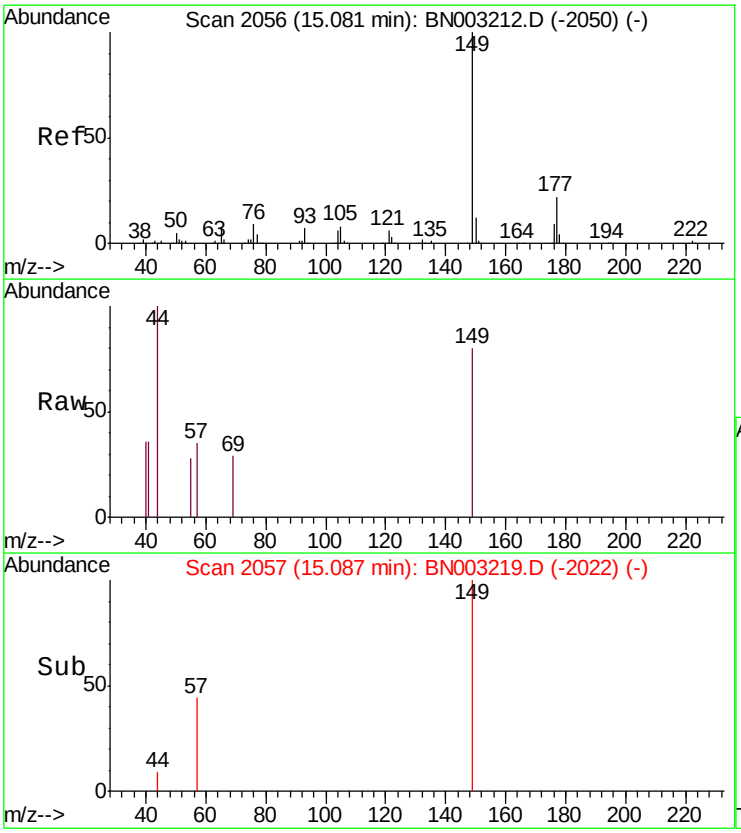
#52
4-Nitrophenol
Concen: 0.111 ng/ul
RT: 14.47 min Scan# 1952
Delta R.T. -0.05 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Instrument :
BNA_N
ClientSampleId :
C0AH2

Tgt Ion:109 Resp: 255

Ion	Ratio	Lower	Upper
109	100		
139	0.0	135.3	202.9#
65	0.0	126.8	190.2#

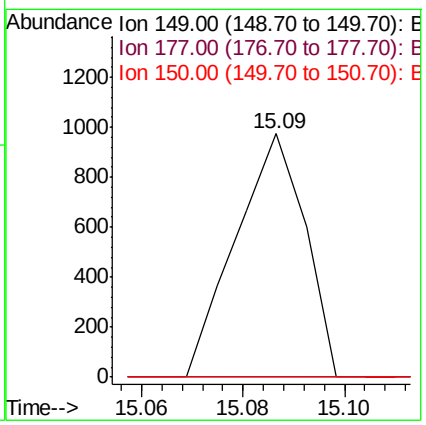


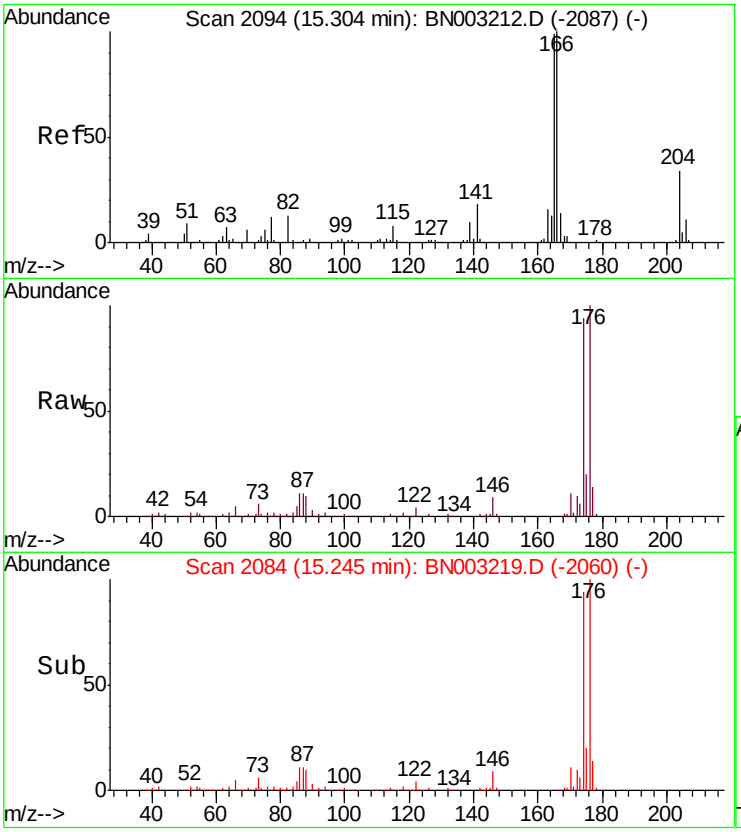


#56
Diethylphthalate
Concen: 0.040 ng/ul
RT: 15.09 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Tgt Ion:149 Resp: 922

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.3	25.9#
150	0.0	10.2	15.4#



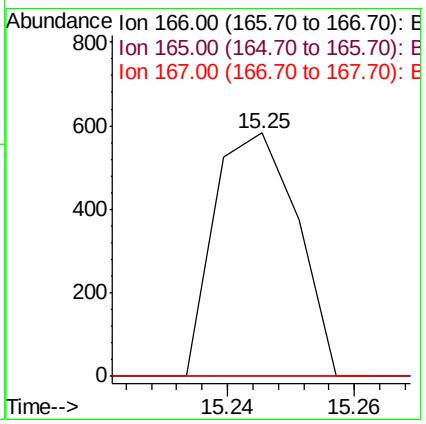


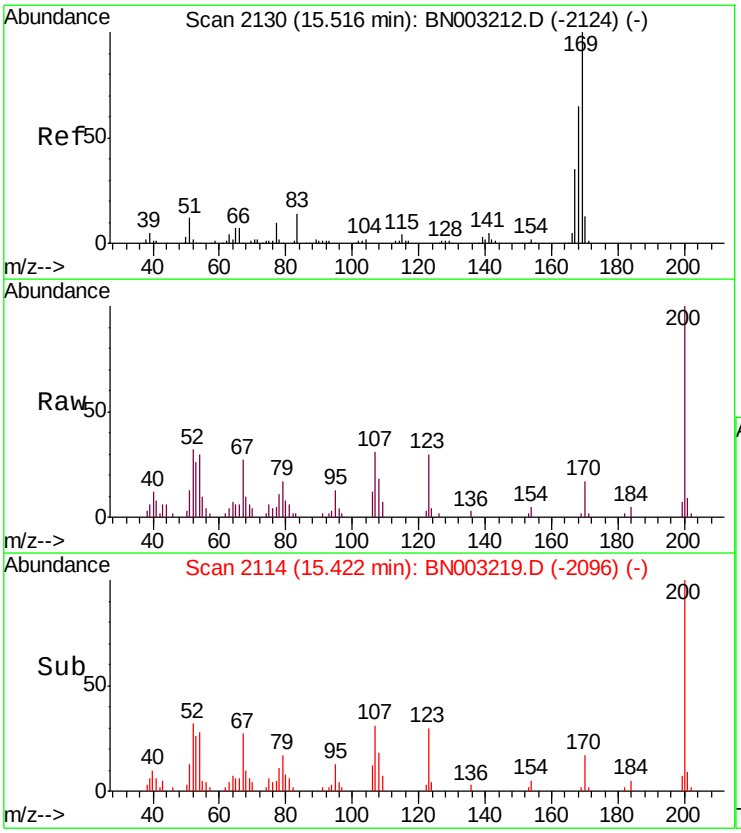
#58
Fluorene
Concen: 0.023 ng/ul
RT: 15.25 min Scan# 2084
Delta R.T. -0.06 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Instrument :
BNA_N
ClientSampleId :
C0AH2

Tgt Ion:166 Resp: 523

Ion	Ratio	Lower	Upper
166	100		
165	0.0	78.7	118.1#
167	0.0	10.2	15.2#

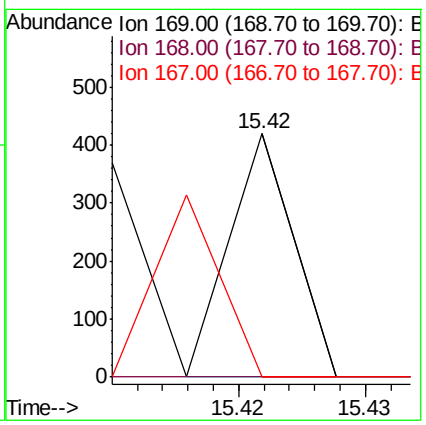


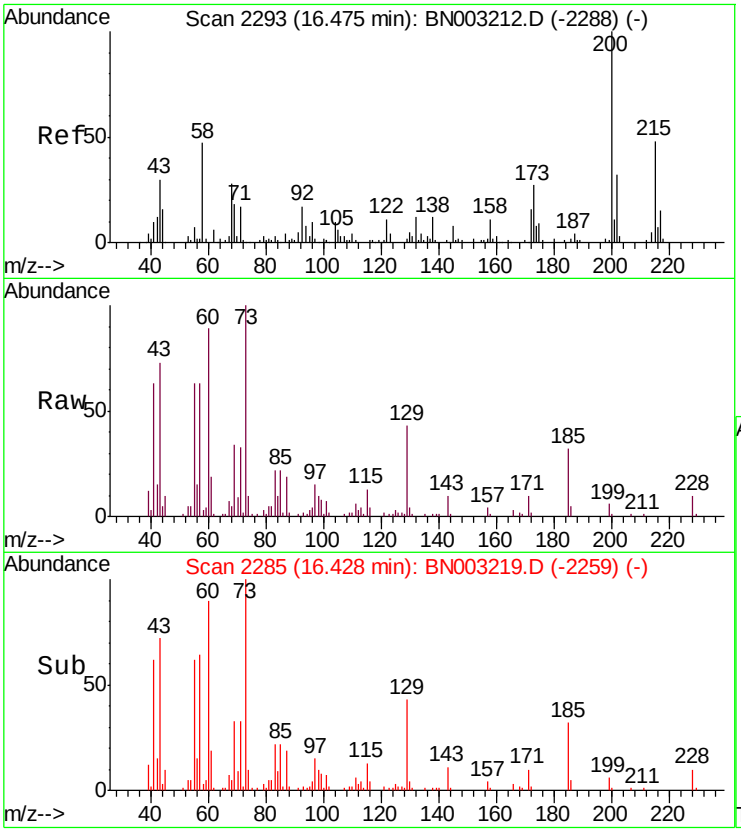


#64
N-Nitrosodiphenylamine
Concen: 0.008 ng/ul
RT: 15.42 min Scan# 2114
Delta R.T. -0.09 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Tgt Ion:169 Resp: 148

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.1	79.7#
167	0.0	27.4	41.0#



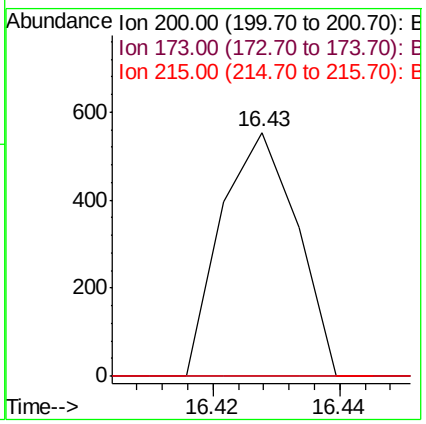


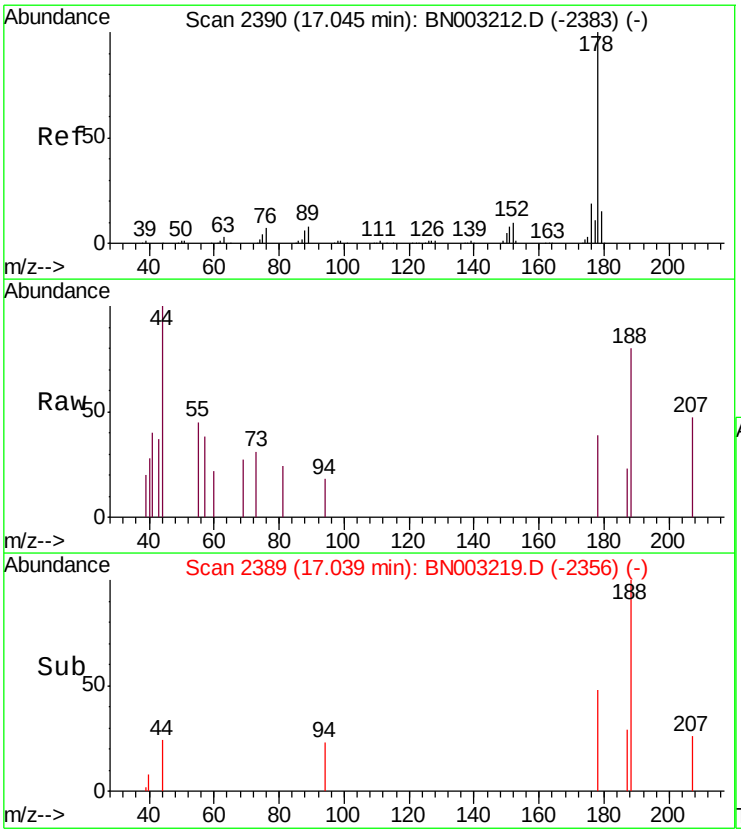
#67
Atrazine
Concen: 0.066 ng/ul
RT: 16.43 min Scan# 2285
Delta R.T. -0.05 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Instrument :
BNA_N
ClientSampleId :
C0AH2

Tgt Ion:200 Resp: 454

Ion	Ratio	Lower	Upper
200	100		
173	0.0	22.3	33.5#
215	0.0	39.7	59.5#

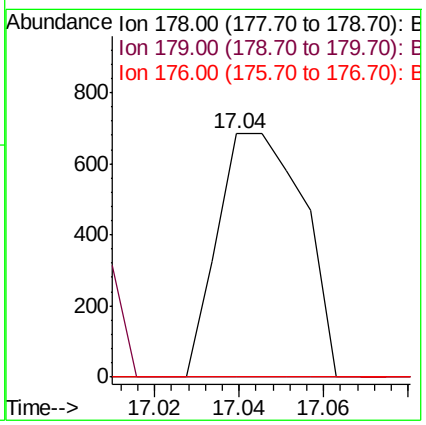


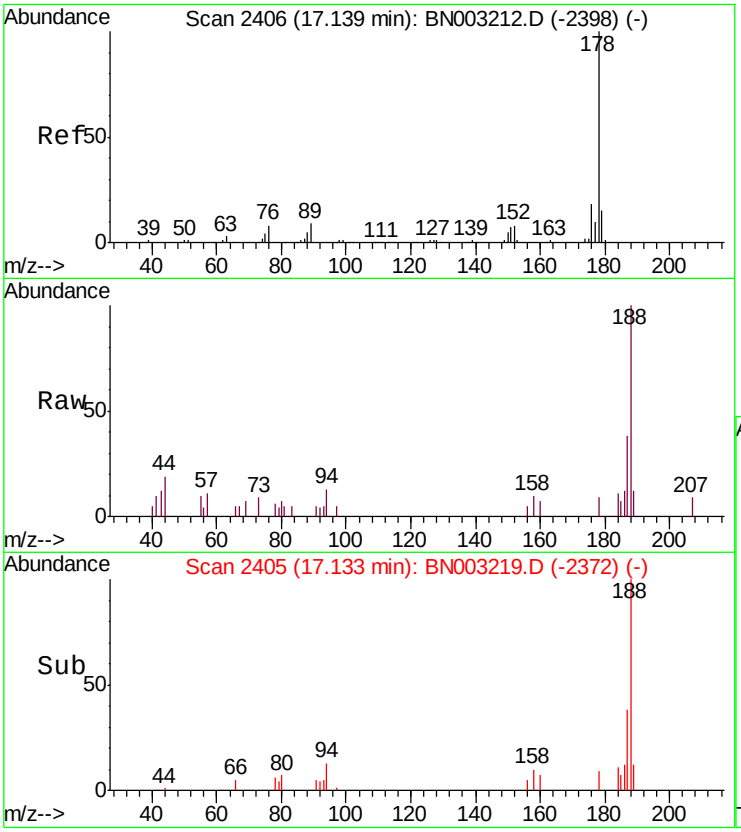


#69
Phenanthrene
Concen: 0.027 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Tgt Ion:178 Resp: 969

Ion	Ratio	Lower	Upper
178	100		
179	0.0	12.6	19.0#
176	0.0	14.7	22.1#



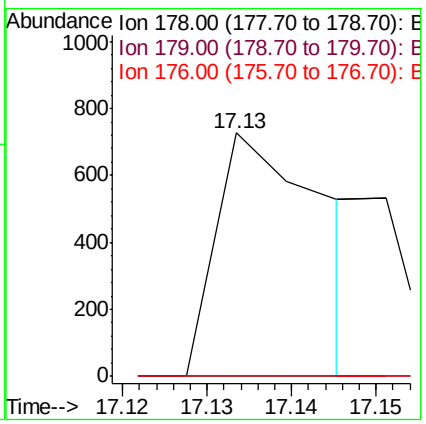


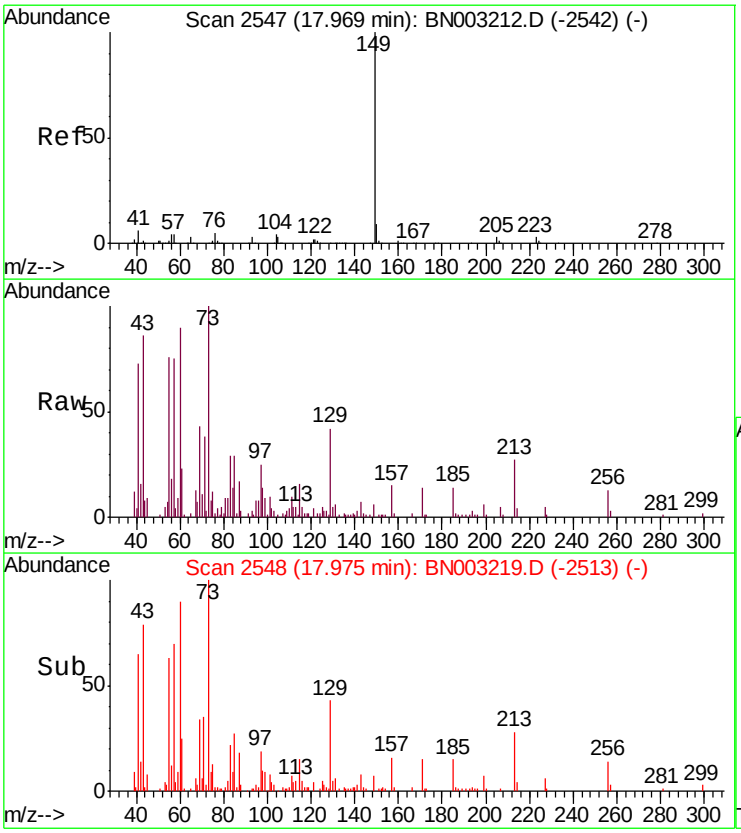
#71
Anthracene
Concen: 0.018 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Instrument :
BNA_N
ClientSampleId :
C0AH2

Tgt Ion:178 Resp: 648

Ion	Ratio	Lower	Upper
178	100		
179	0.0	12.2	18.4#
176	0.0	14.9	22.3#

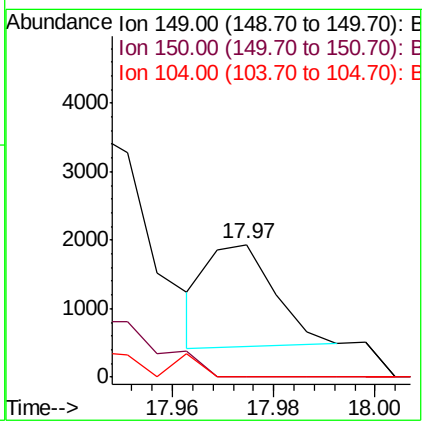


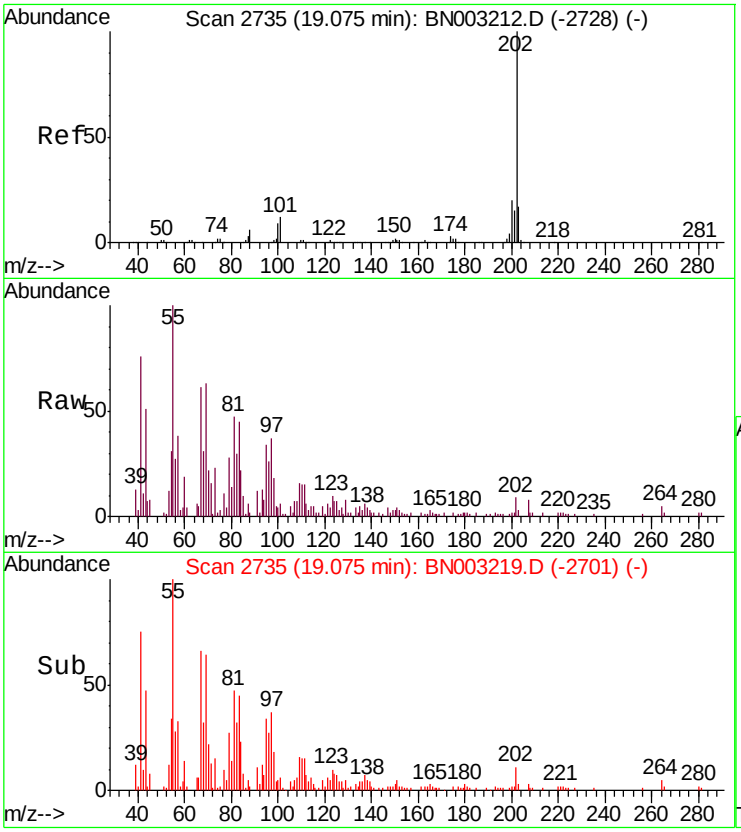


#75
Di-n-butylphthalate
Concen: 0.035 ng/ul
RT: 17.97 min Scan# 2548
Delta R.T. 0.01 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Tgt Ion:149 Resp: 1369

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.4	11.0#
104	0.0	3.6	5.4#



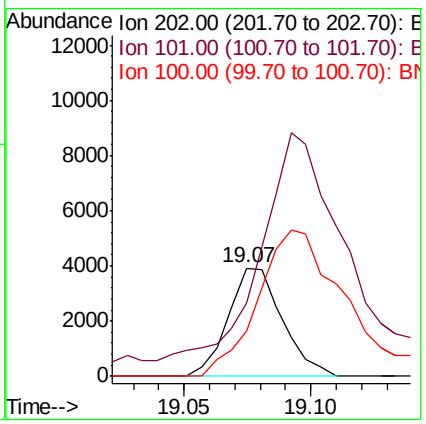


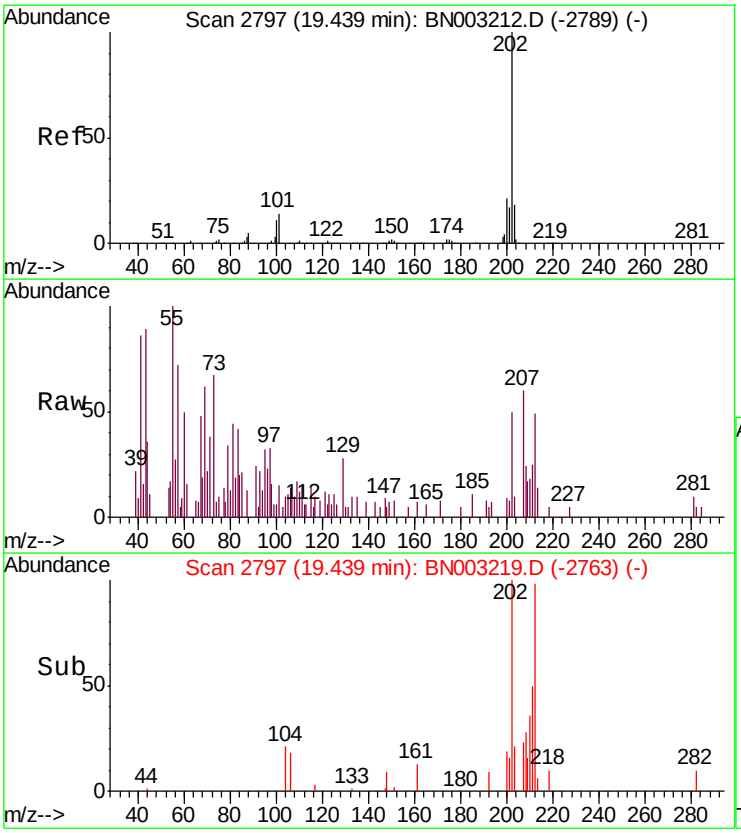
#76
Fluoranthene
Concen: 0.139 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. 0.00 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Instrument :
BNA_N
ClientSampleId :
C0AH2

Tgt Ion:202 Resp: 5841

Ion	Ratio	Lower	Upper
202	100		
101	68.4	9.4	14.2#
100	42.3	7.2	10.8#

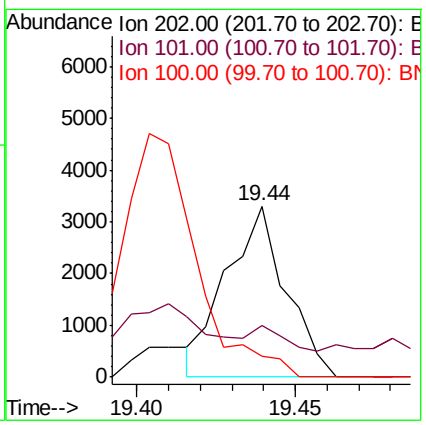


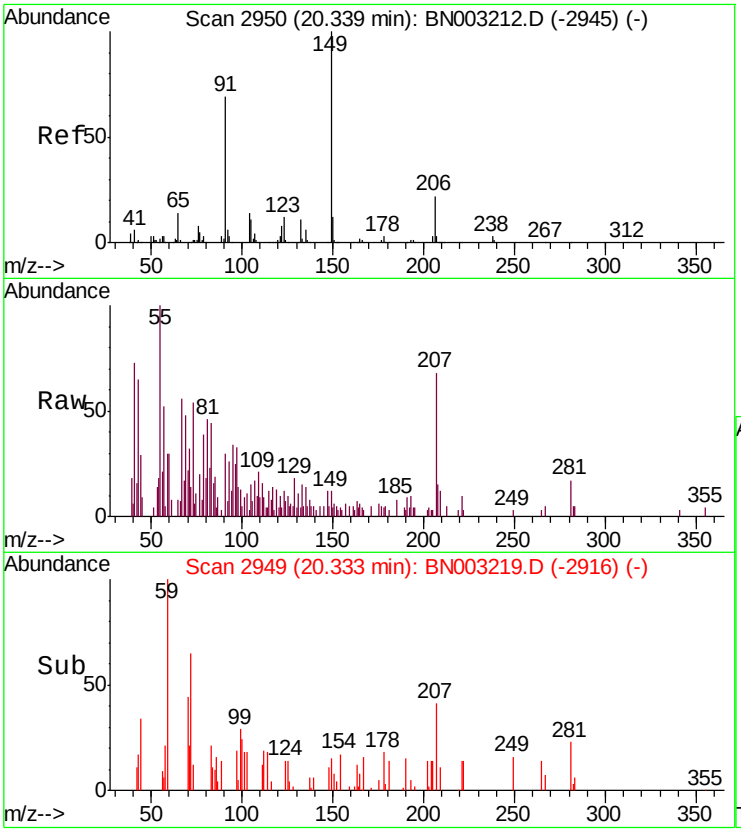


#79
Pyrene
Concen: 0.109 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Tgt Ion:202 Resp: 4321

Ion	Ratio	Lower	Upper
202	100		
101	30.5	10.8	16.2#
100	12.6	8.6	13.0



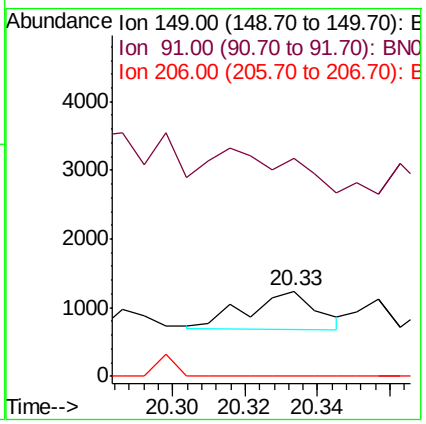


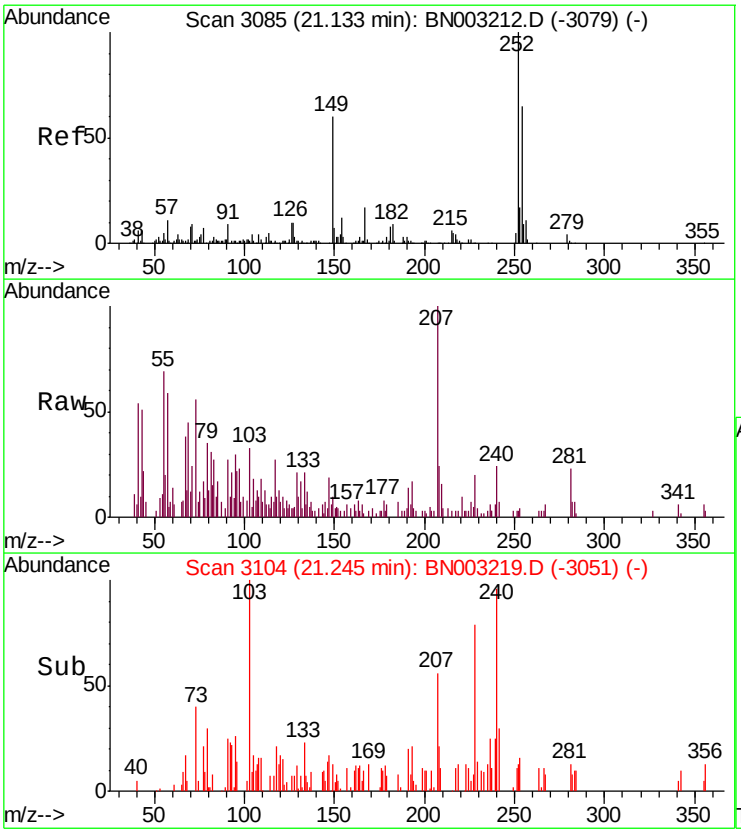
#80
Butylbenzylphthalate
Concen: 0.043 ng/ul
RT: 20.33 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Instrument :
BNA_N
ClientSampleId :
C0AH2

Tgt Ion:149 Resp: 737

Ion	Ratio	Lower	Upper
149	100		
91	255.8	53.5	80.3#
206	0.0	17.0	25.4#

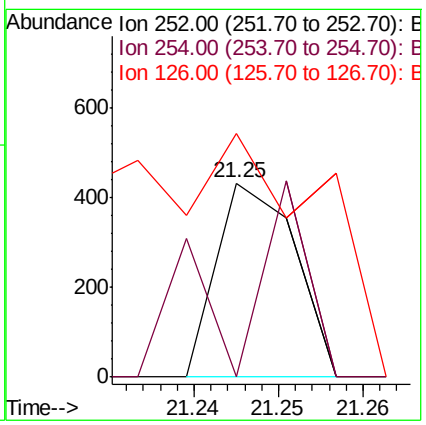


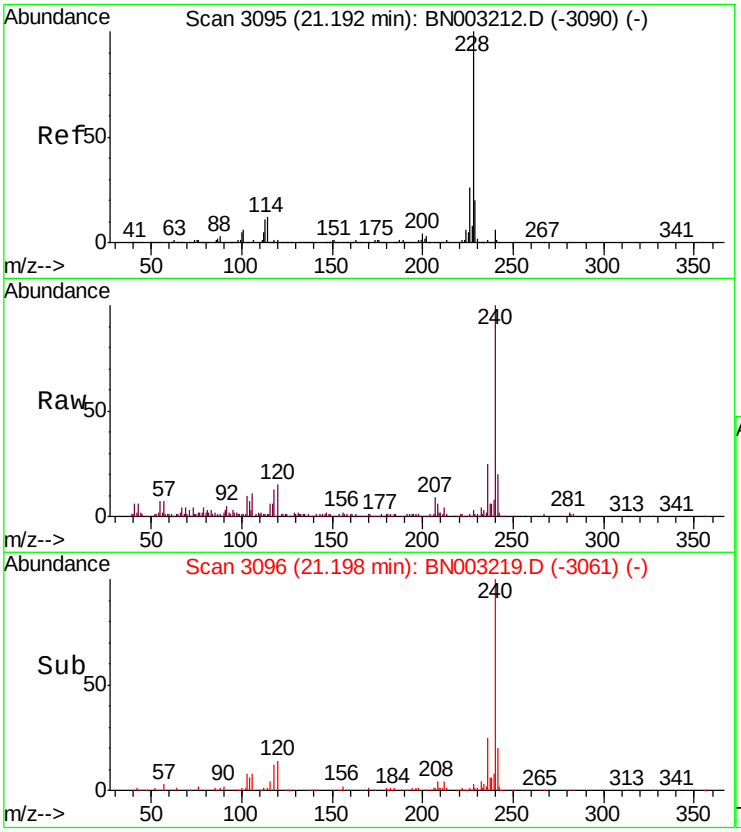


#81
3,3'-Dichlorobenzidine
Concen: 0.020 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. 0.11 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Tgt Ion:252 Resp: 278

Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.3	75.5#
126	125.7	8.1	12.1#



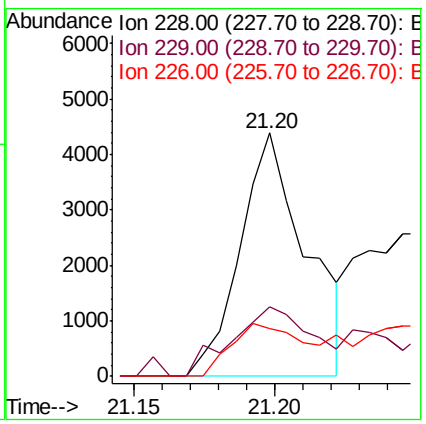


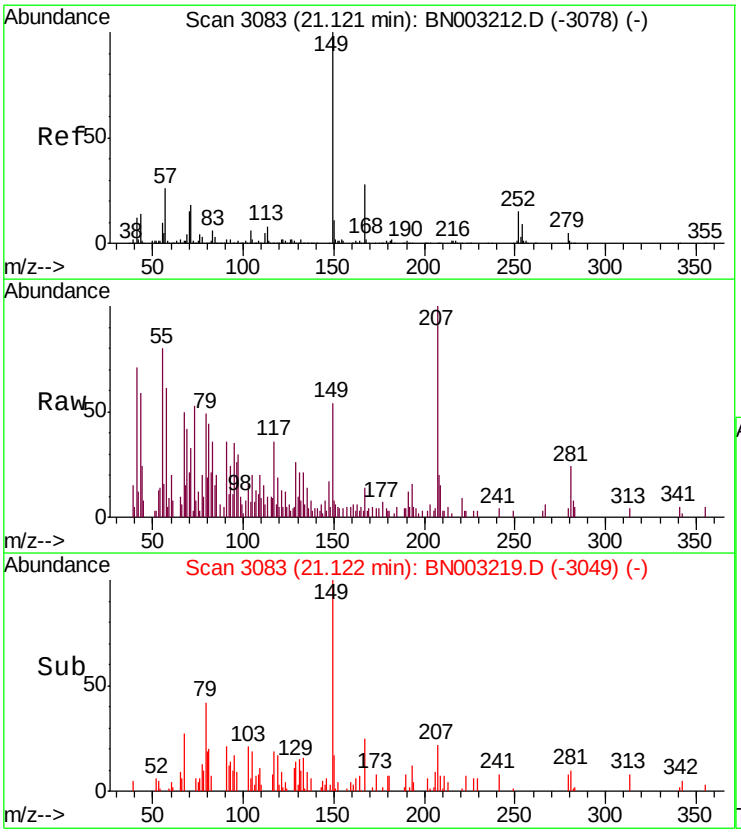
#82
Benzo(a)anthracene
Concen: 0.174 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Instrument :
BNA_N
ClientSampleId :
C0AH2

Tgt Ion:228 Resp: 7125

Ion	Ratio	Lower	Upper
228	100		
229	28.6	15.4	23.2#
226	19.8	21.4	32.2#

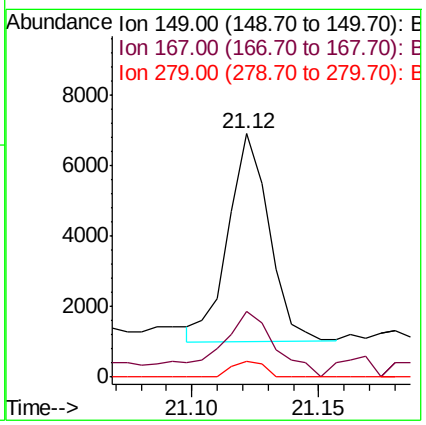


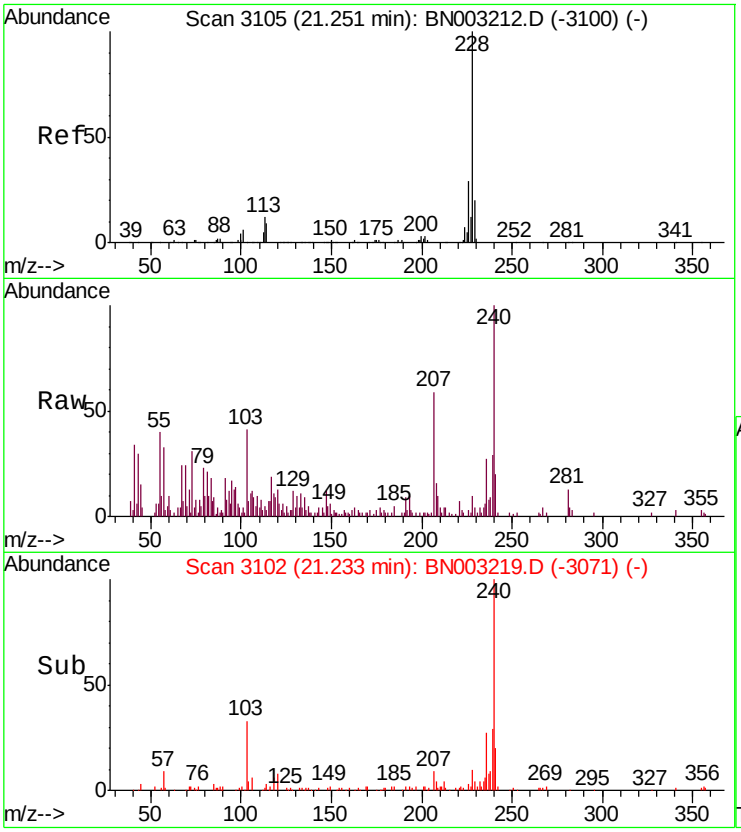


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.259 ng/ul
RT: 21.12 min Scan# 3083
Delta R.T. 0.00 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Tgt Ion:149 Resp: 6607

Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.4	33.6
279	6.6	3.7	5.5#



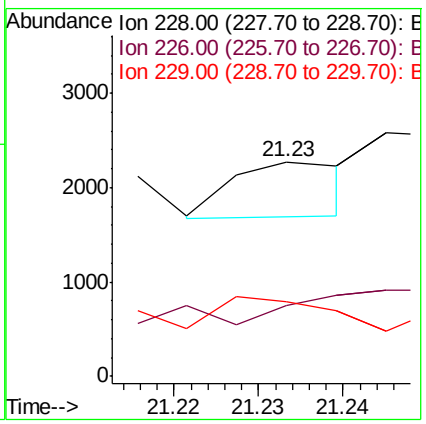


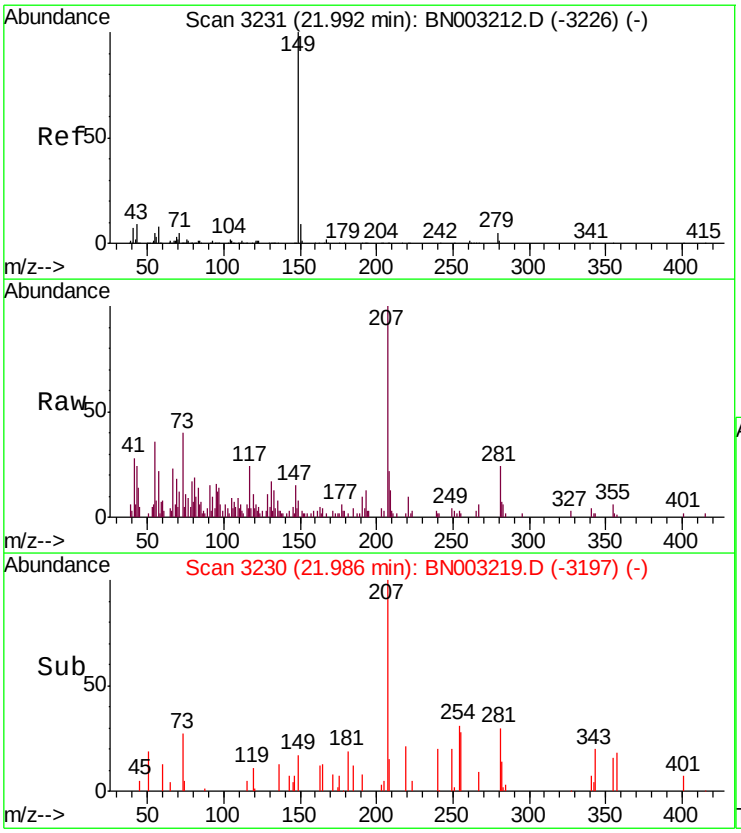
#84
Chrysene
Concen: 0.015 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.02 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Instrument :
BNA_N
ClientSampleId :
C0AH2

Tgt Ion:228 Resp: 559

Ion	Ratio	Lower	Upper
228	100		
226	33.0	23.1	34.7
229	34.9	15.7	23.5#

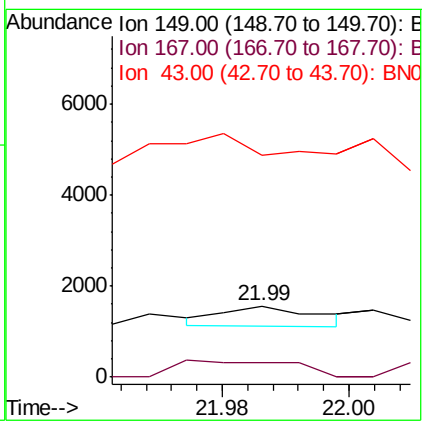


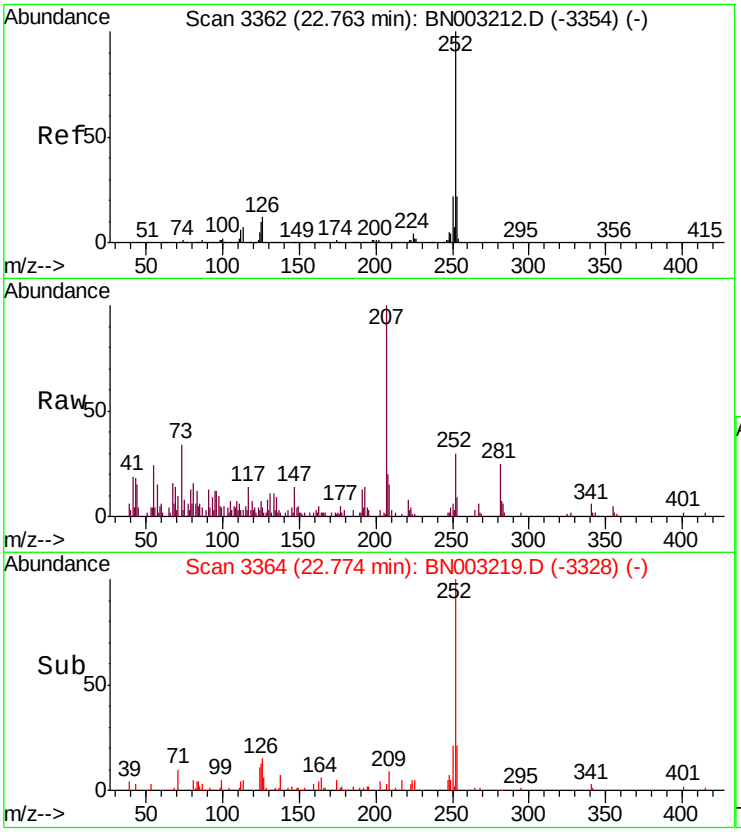


#86
Di-n-octyl phthalate
Concen: 0.012 ng/ul
RT: 21.99 min Scan# 3230
Delta R.T. -0.01 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Tgt Ion:149 Resp: 446

Ion	Ratio	Lower	Upper
149	100		
167	20.0	1.2	1.8#
43	312.3	6.8	10.2#



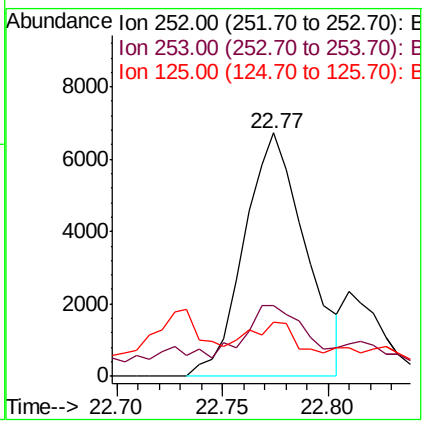


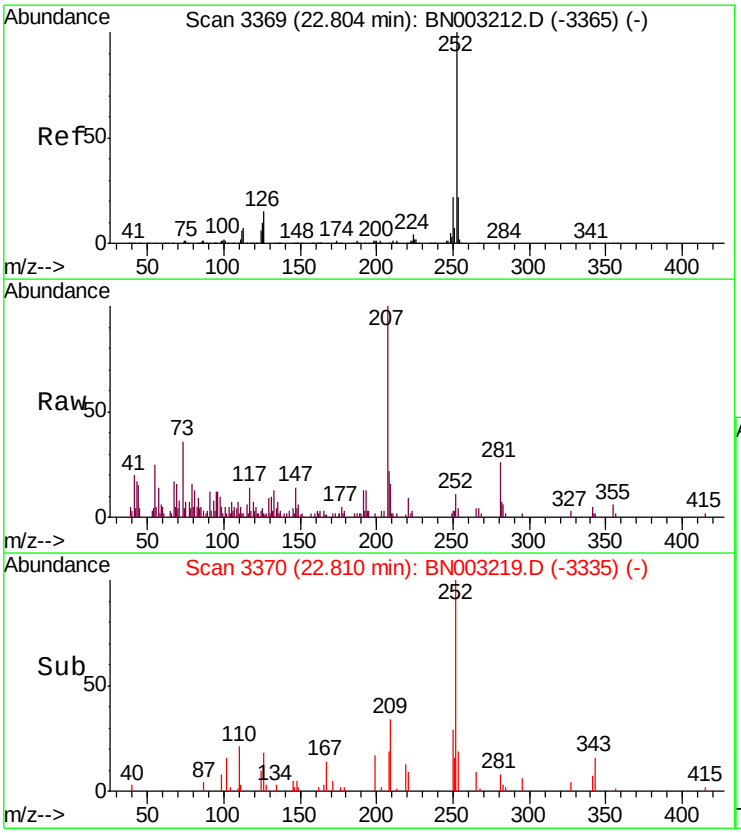
#87
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Instrument :
BNA_N
ClientSampleId :
C0AH2

Tgt Ion:252 Resp: 13540

Ion	Ratio	Lower	Upper
252	100		
253	29.1	17.4	26.2#
125	22.3	8.7	13.1#

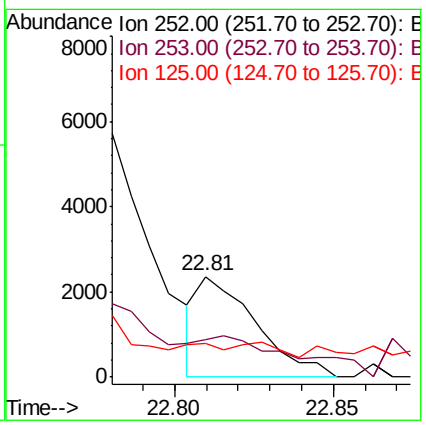


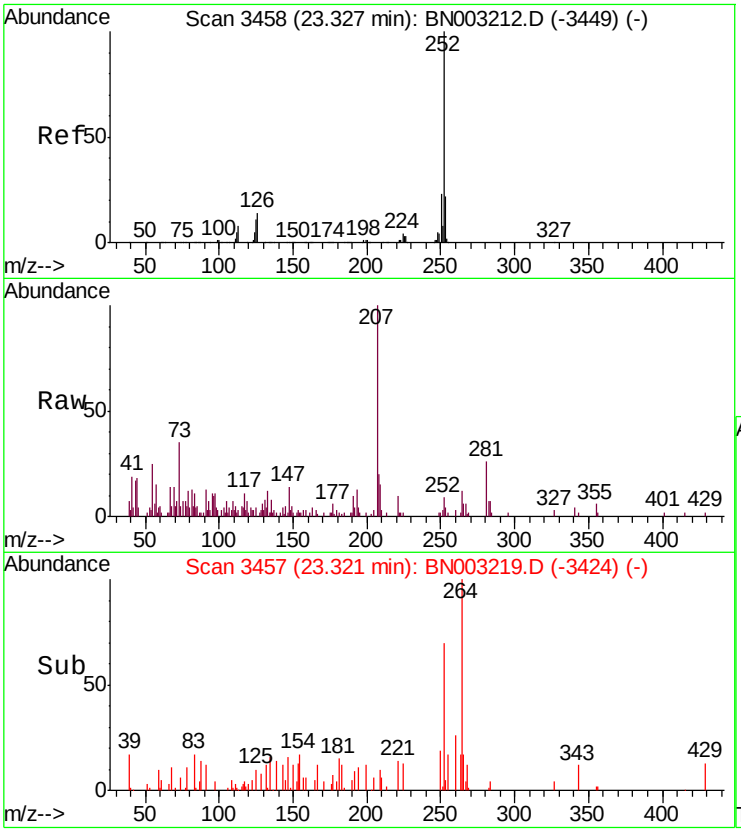


#88
Benzo(k)fluoranthene
Concen: 0.089 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. 0.01 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Tgt Ion:252 Resp: 2994

Ion	Ratio	Lower	Upper
252	100		
253	37.5	17.8	26.8#
125	34.1	8.2	12.4#



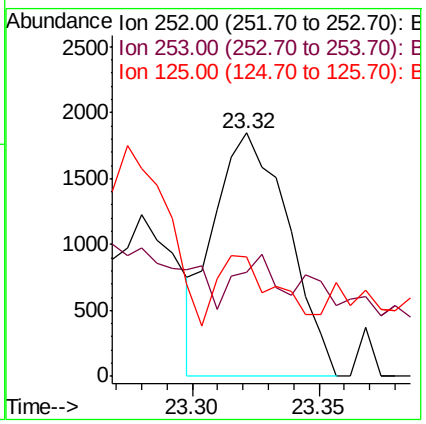


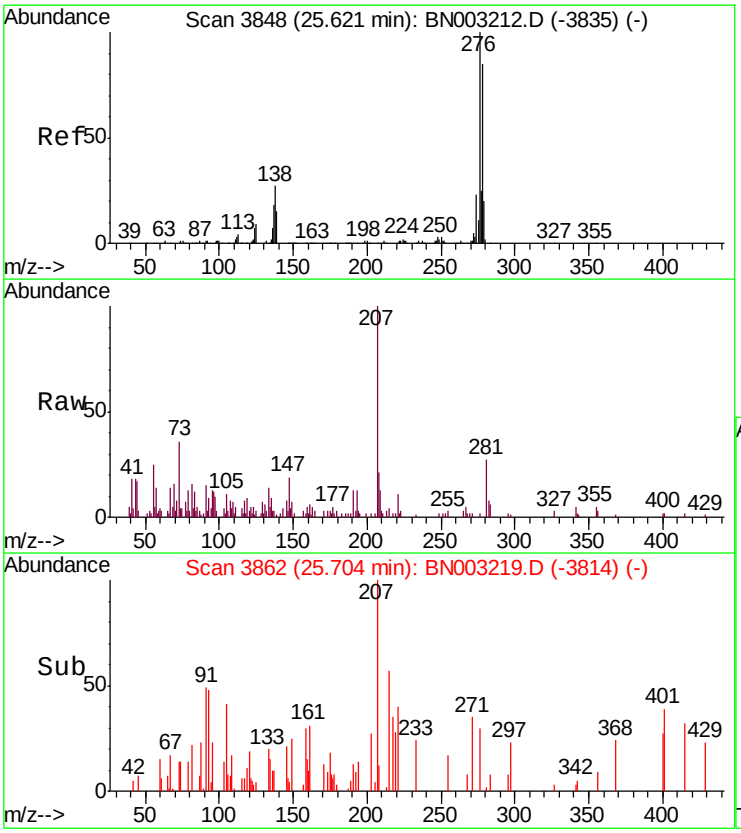
#90
Benzo(a)pyrene
Concen: 0.111 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. -0.01 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Instrument :
BNA_N
ClientSampleId :
C0AH2

Tgt Ion:252 Resp: 3774

Ion	Ratio	Lower	Upper
252	100		
253	42.6	17.5	26.3#
125	49.0	10.0	15.0#

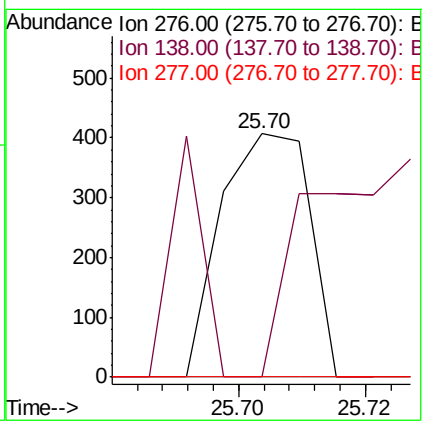


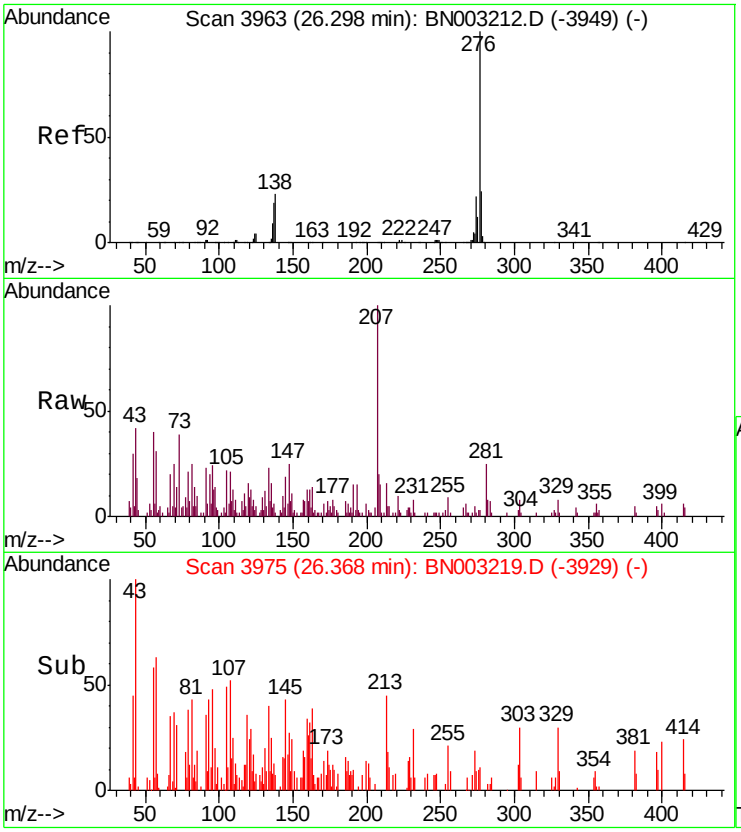


#91
Indeno(1,2,3-cd)pyrene
Concen: 0.010 ng/ul
RT: 25.70 min Scan# 3862
Delta R.T. 0.08 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Tgt Ion:276 Resp: 393

Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.2	31.8#
277	0.0	19.7	29.5#





#93
Benzo(g,h,i)perylene
Concen: 0.024 ng/ul
RT: 26.37 min Scan# 3975
Delta R.T. 0.07 min
Lab File: BN003219.D
Acq: 19 Oct 2018 22:32

Instrument :
BNA_N
ClientSampleId :
C0AH2

Tgt Ion:276 Resp: 821

Ion	Ratio	Lower	Upper
276	100		
138	64.2	18.3	27.5#
277	0.0	18.6	28.0#