Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010006.D
Acq On : 29 Feb 2020 03:55
Operator : CG/JU
Sample : L1507-17RX
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 02 05:52:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	92806	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	400414	20.00	ng/ul	0.05
36) Acenaphthene-d10	14.05	164	74106	20.00	ng/ul	0.03
62) Phenanthrene-d10	16.80	188	32724	20.00	ng/ul	0.03
78) Chrysene-d12	21.02	240	19418	20.00	ng/ul	0.02
86) Perylene-d12	23.06	264	720229	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	6991	3.10	ng/uL	0.00
5) Phenol-d5	6.58	99	174184	22.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	131774	24.19	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	139544	23.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	150473	23.96	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	99572	33.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	81691	25.49	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.82	165	152795	24.80	ng/ul	0.05
29) 4-Chloroaniline-d4	10.28	131	211499	30.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	481563	87.00	ng/ul	0.07
47) Acenaphthylene-d8	13.72	160	617908	94.78	ng/ul	0.02
52) 4-Nitrophenol-d4	14.28	143	24299	24.04	ng/ul	0.02
58) Fluorene-d10	15.06	176	194483	40.69	ng/ul	0.04
63) 4,6-Dinitro-2-methylphenol	15.20	200	927	4.56	ng/ul	0.02
71) Anthracene-d10	16.97	188	11651	7.77	ng/ul	0.09
79) Pyrene-d10	19.17	212	21971	21.65	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.06	264	712649	19.81	ng/ul	0.09
Target Compounds						Qvalue
4) Benzaldehyde	6.55	77	23956	4.563	ng/ul#	1
6) Phenol	6.60	94	23050	2.725	ng/ul#	11
14) Acetophenone	8.20	105	23538	2.300	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.10	70	5658	1.058	ng/ul#	1
17) Hexachloroethane	8.39	117	18619	6.538	ng/ul#	9
30) 4-Chloroaniline	10.26	127	11698628	1650.418	ng/ul#	2
32) Caprolactam	11.17	113	8057	3.865	ng/ul#	80
34) 2-Methylnaphthalene	12.00	142	111505	7.437	ng/ul#	19
35) 1-Methylnaphthalene	12.00	142	111505	7.420	ng/uL#	1
43) 2-Nitroaniline	13.07	65	260126	157.363	ng/ul#	39
45) Dimethylphthalate	13.48	163	6156	1.066	ng/ul#	52
48) Acenaphthylene	13.76	152	3033210	429.872	ng/ul#	89
49) 3-Nitroaniline	13.99	138	1412	1.353	ng/ul#	76
54) Dibenzofuran	14.47	168	3736124	550.292	ng/ul#	83
55) 2,4-Dinitrotoluene	14.49	165	167633	100.033	ng/ul#	1
59) Fluorene	15.25	166	365556	64.157	ng/ul#	1
61) 4-Nitroaniline	15.19	138	932857	732.806	ng/ul#	14
64) 4,6-Dinitro-2-methylphenol	15.23	198	639	2.918	ng/ul#	1
65) N-Nitrosodiphenylamine	15.32	169	1339435	1379.526	ng/ul#	1
68) Atrazine	16.28	200	524	1.423	ng/ul#	1
70) Phenanthrene	16.72	178	11976	6.413	ng/ul#	1
75) Carbazole	17.16	167	33251	19.777	ng/ul#	1
76) Di-n-butylphthalate	17.79	149	107173	51.646	ng/ul#	1

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Data File : BN010006.D
Acq On : 29 Feb 2020 03:55
Operator : CG/JU
Sample : L1507-17RX
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 02 05:52:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Fluoranthene	18.82	202	211283	96.583	ng/ul#	38
80) Pyrene	19.23	202	169005	120.722	ng/ul#	83
81) Butylbenzylphthalate	20.18	149	4963	8.624	ng/ul#	53
82) 3,3'-Dichlorobenzidine	20.95	252	3023	7.140	ng/ul#	1
83) Benzo(a)anthracene	20.99	228	164333	123.149	ng/ul#	25
84) Bis(2-ethylhexyl)phthalate	20.96	149	15833	18.020	ng/ul#	16
85) Chrysene	20.99	228	164333	125.090	ng/ul#	27
88) Benzo(b)fluoranthene	22.31	252	600822	12.866	ng/ul#	1
91) Benzo(a)pyrene	23.12	252	3069015	73.073	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.04	276	201550	4.042	ng/ul#	79
93) Dibenzo(a,h)anthracene	25.23	278	3260409	76.433	ng/ul	92
94) Benzo(g,h,i)perylene	25.87	276	8149411	194.910	ng/ul#	95

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
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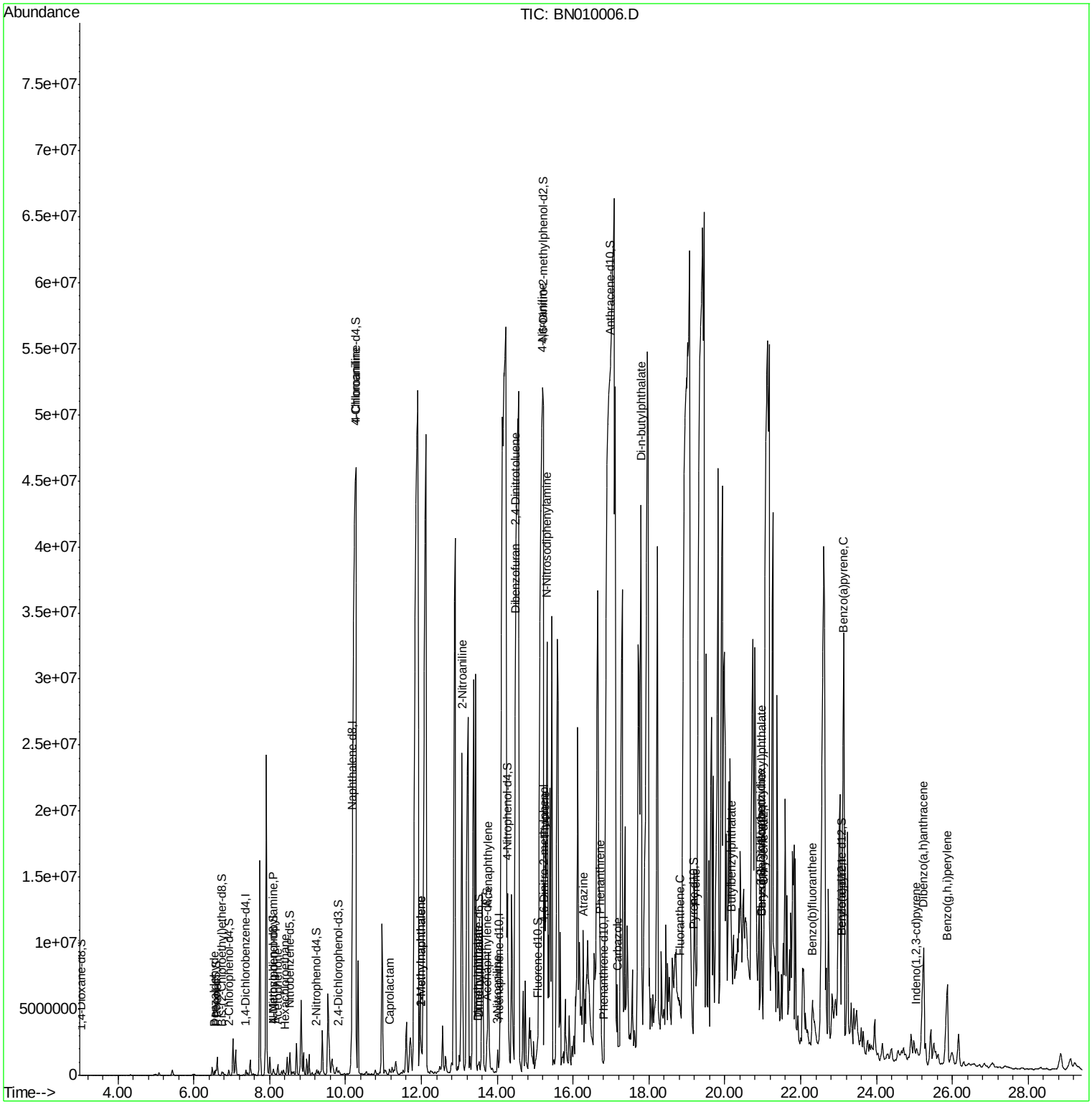
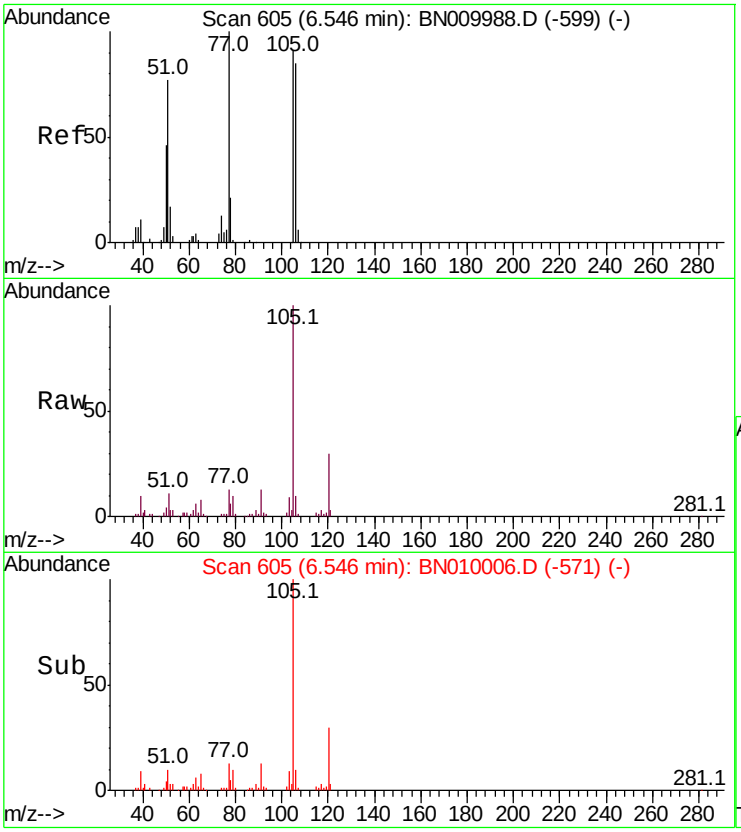
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 02 05:52:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration



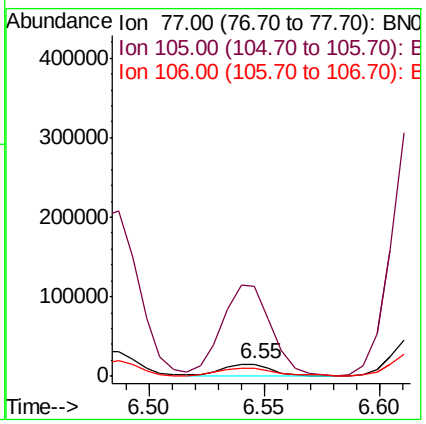


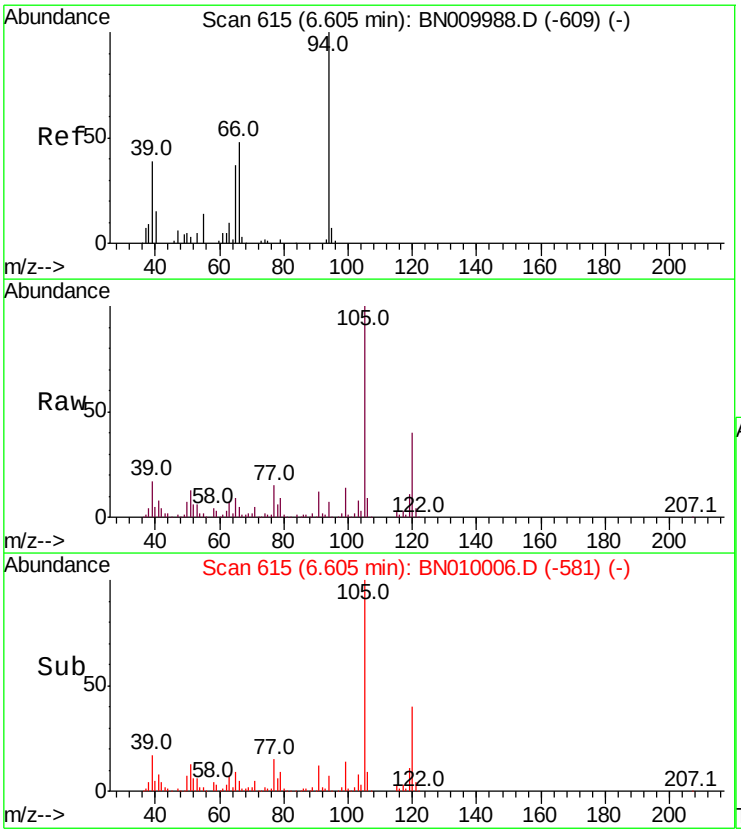
#4
Benzaldehyde
Concen: 4.563 ng/ul
RT: 6.55 min Scan# 605
Delta R.T. 0.00 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 23956

Ion	Ratio	Lower	Upper
77	100		
105	743.9	78.2	117.2#
106	70.9	70.9	106.3#

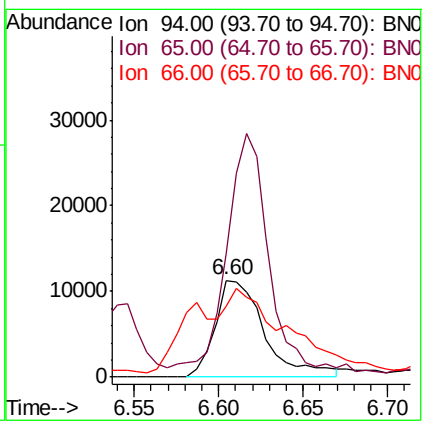


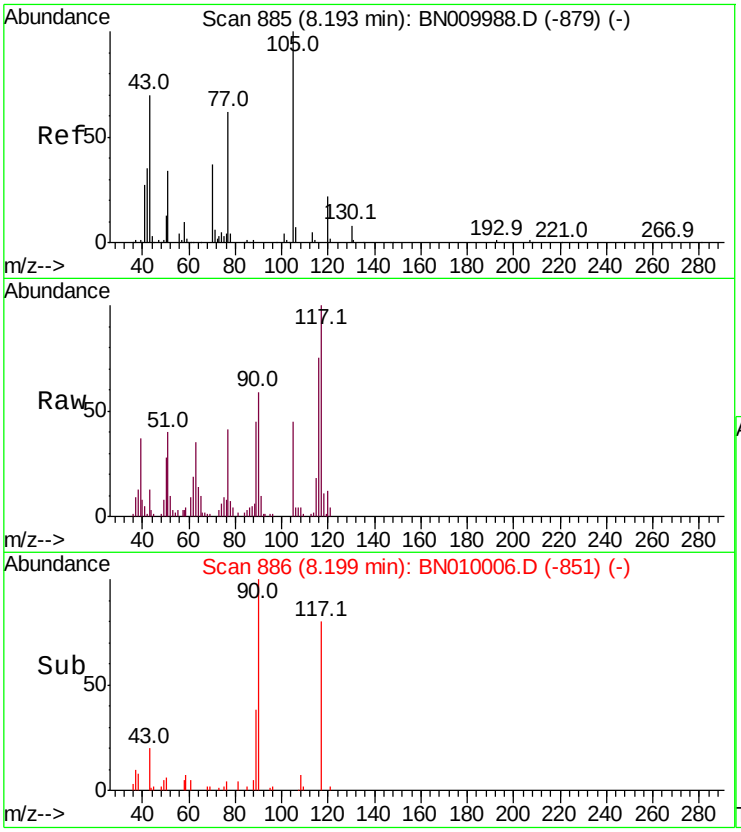


#6
Phenol
Concen: 2.725 ng/ul
RT: 6.60 min Scan# 615
Delta R.T. 0.00 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Tgt Ion: 94 Resp: 23050

Ion	Ratio	Lower	Upper
94	100		
65	127.4	27.6	41.4#
66	72.9	38.5	57.7#



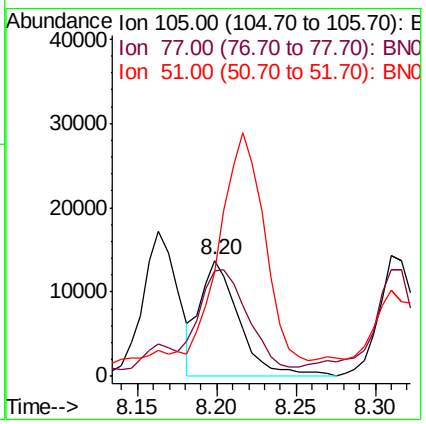


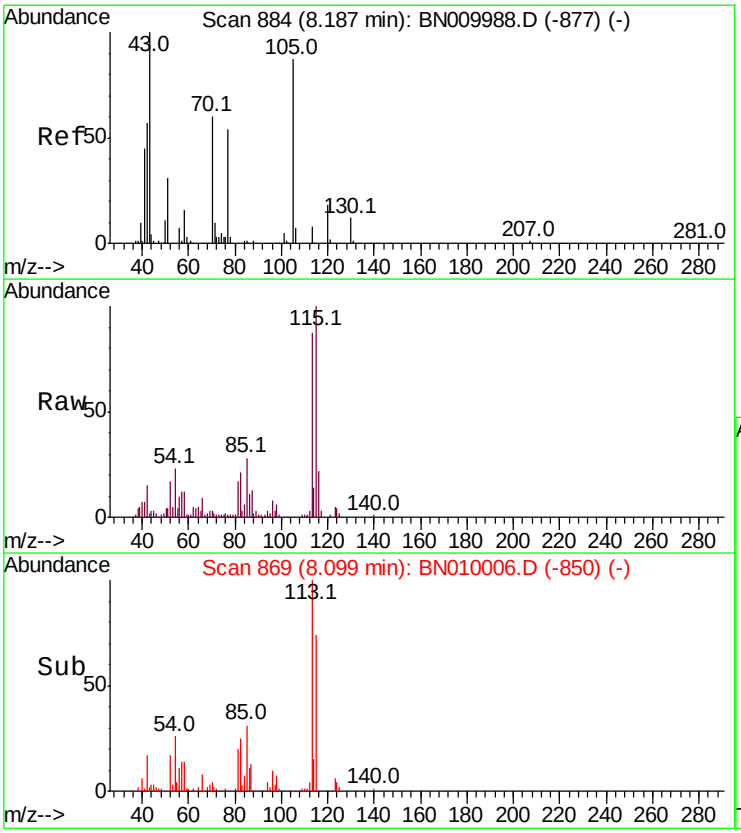
#14
Acetophenone
Concen: 2.300 ng/ul
RT: 8.20 min Scan# 886
Delta R.T. 0.01 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:105 Resp: 23538

Ion	Ratio	Lower	Upper
105	100		
77	90.5	68.9	103.3
51	89.7	35.6	53.4#

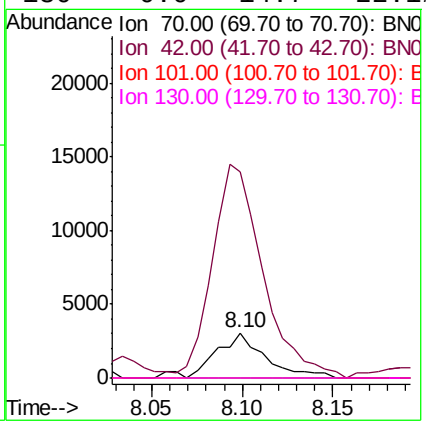


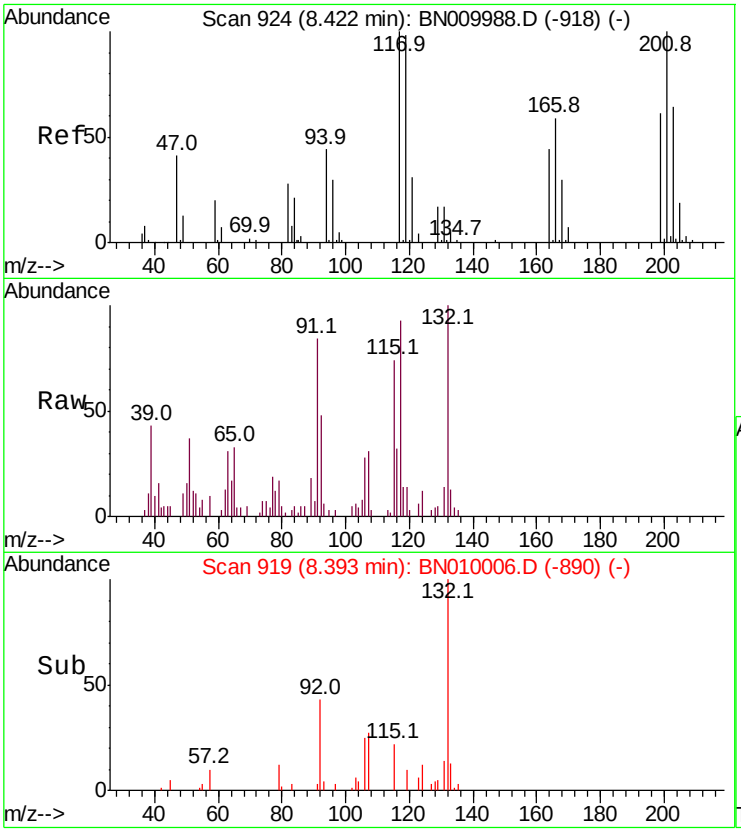


#15
N-Nitroso-di-n-propylamine
Concen: 1.058 ng/ul
RT: 8.10 min Scan# 869
Delta R.T. -0.09 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Tgt Ion: 70 Resp: 5658

Ion	Ratio	Lower	Upper
70	100		
42	452.5	72.6	108.8#
101	0.0	7.7	11.5#
130	0.0	14.7	22.1#



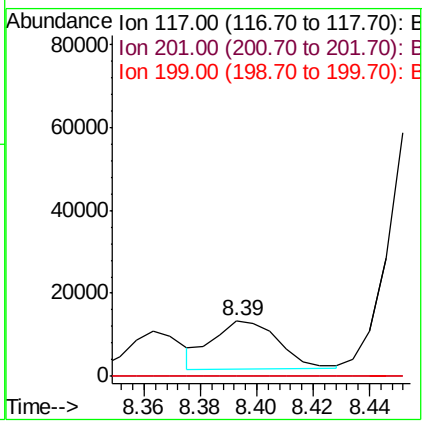


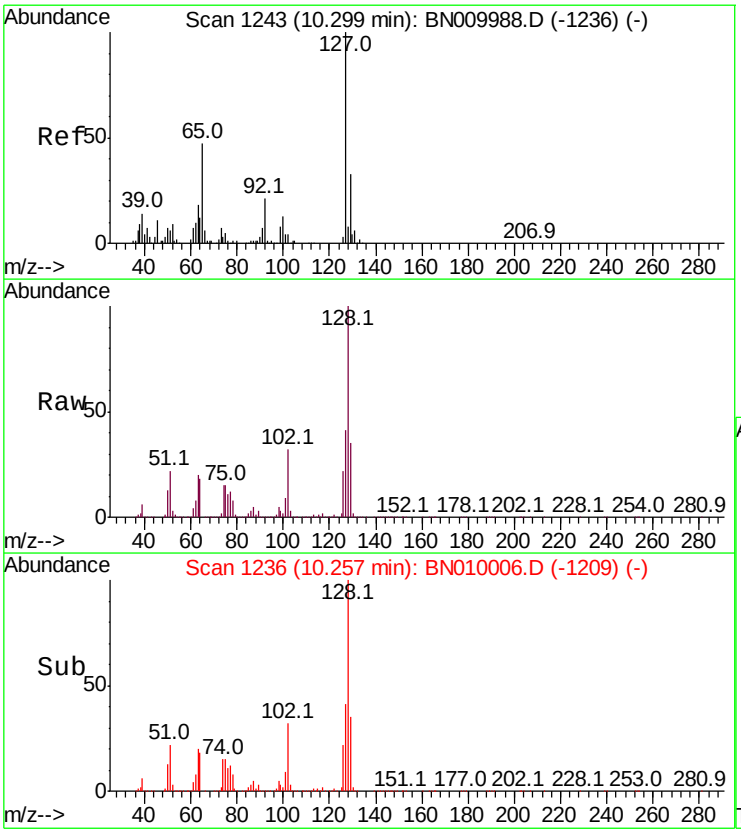
#17
Hexachloroethane
Concen: 6.538 ng/ul
RT: 8.39 min Scan# 919
Delta R.T. -0.03 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:117 Resp: 18619

Ion	Ratio	Lower	Upper
117	100		
201	0.0	76.6	115.0#
199	0.0	49.1	73.7#

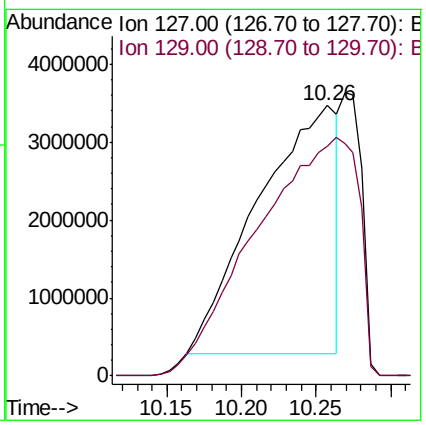


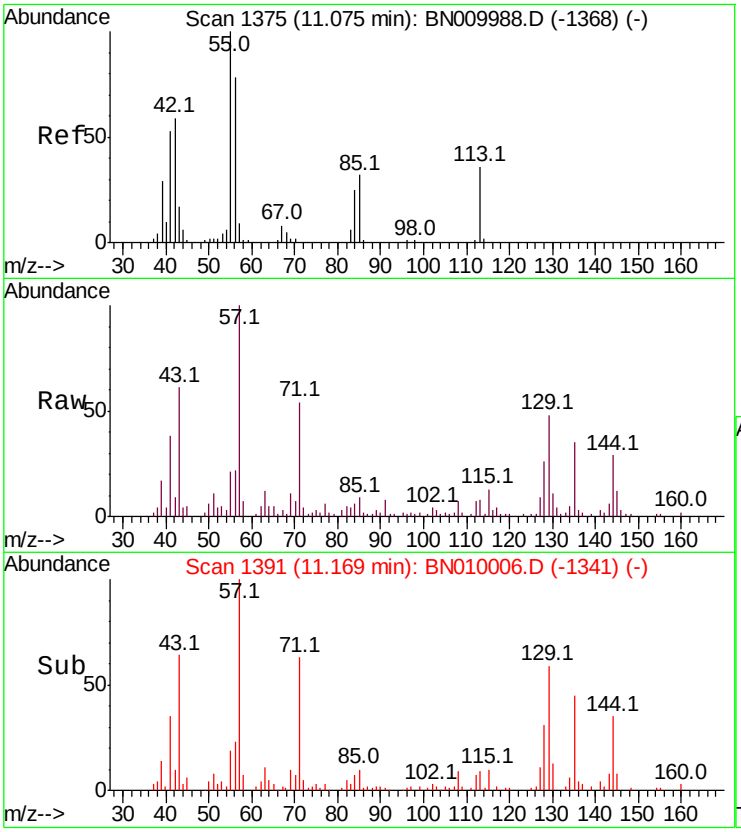


#30
4-Chloroaniline
Concen: 1650.418 ng/ul
RT: 10.26 min Scan# 1236
Delta R.T. -0.04 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Tgt Ion:127 Resp:11698628

Ion	Ratio	Lower	Upper
127	100		
129	84.9	24.8	37.2#



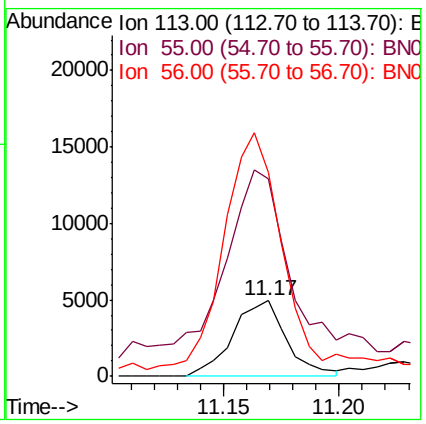


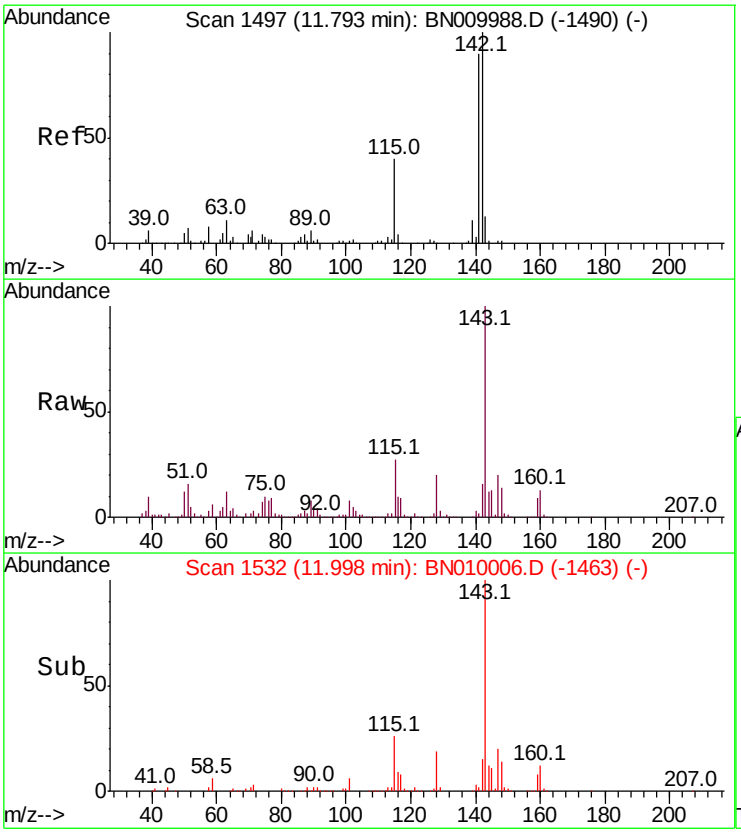
#32
Caprolactam
Concen: 3.865 ng/ul
RT: 11.17 min Scan# 1391
Delta R.T. 0.09 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:113 Resp: 8057

Ion	Ratio	Lower	Upper
113	100		
55	261.2	209.1	313.7
56	270.8	161.6	242.4#

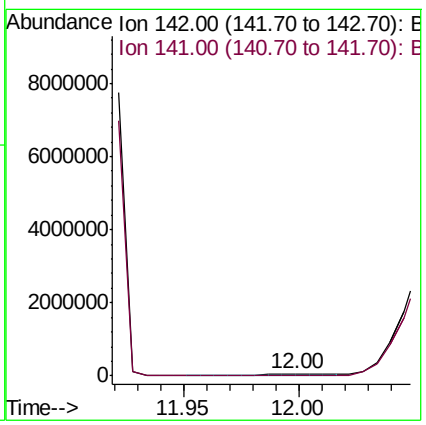


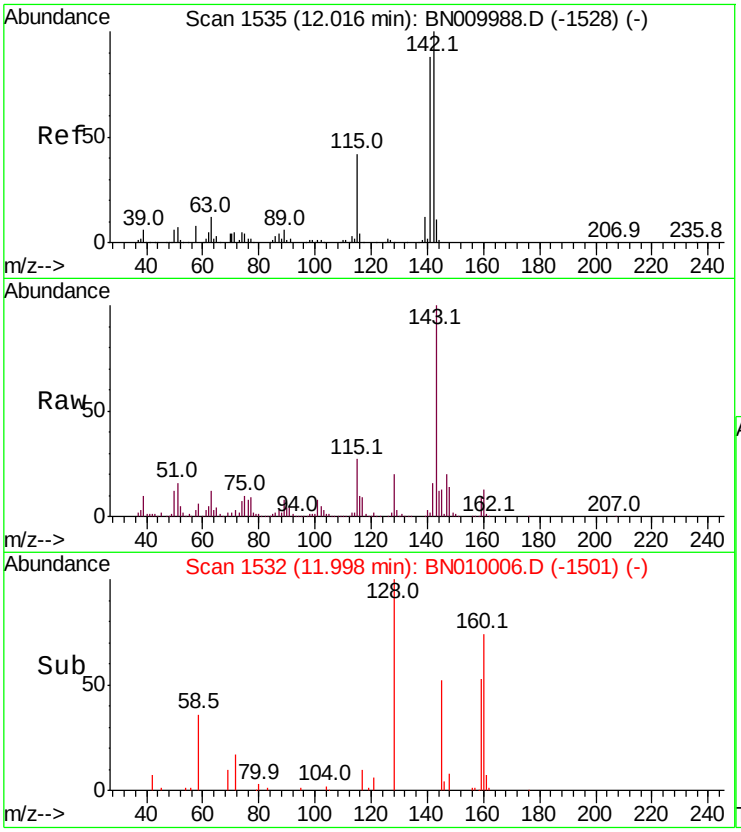


#34
2-Methylnaphthalene
Concen: 7.437 ng/ul
RT: 12.00 min Scan# 1532
Delta R.T. 0.21 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Tgt Ion:142 Resp: 111505

Ion	Ratio	Lower	Upper
142	100		
141	13.3	72.1	108.1#



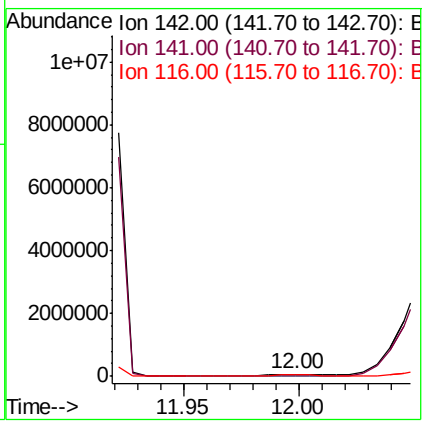


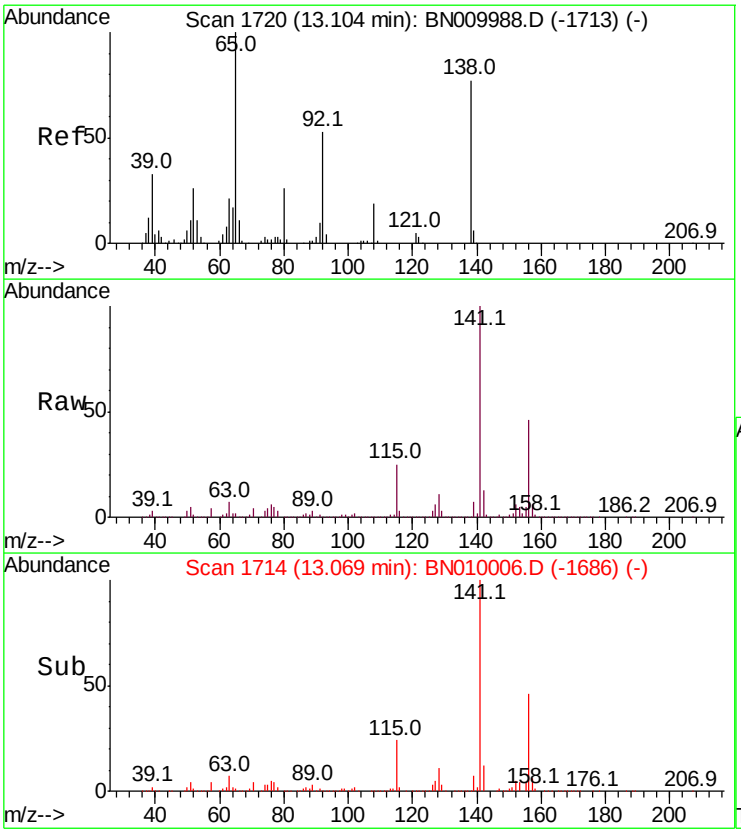
#35
1-Methylnaphthalene
Concen: 7.420 ng/uL
RT: 12.00 min Scan# 1532
Delta R.T. -0.02 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 111505

Ion	Ratio	Lower	Upper
142	100		
141	0.0	72.8	109.2#
116	58.2	3.2	4.8#

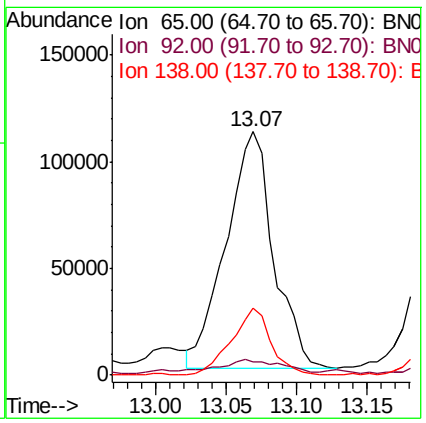


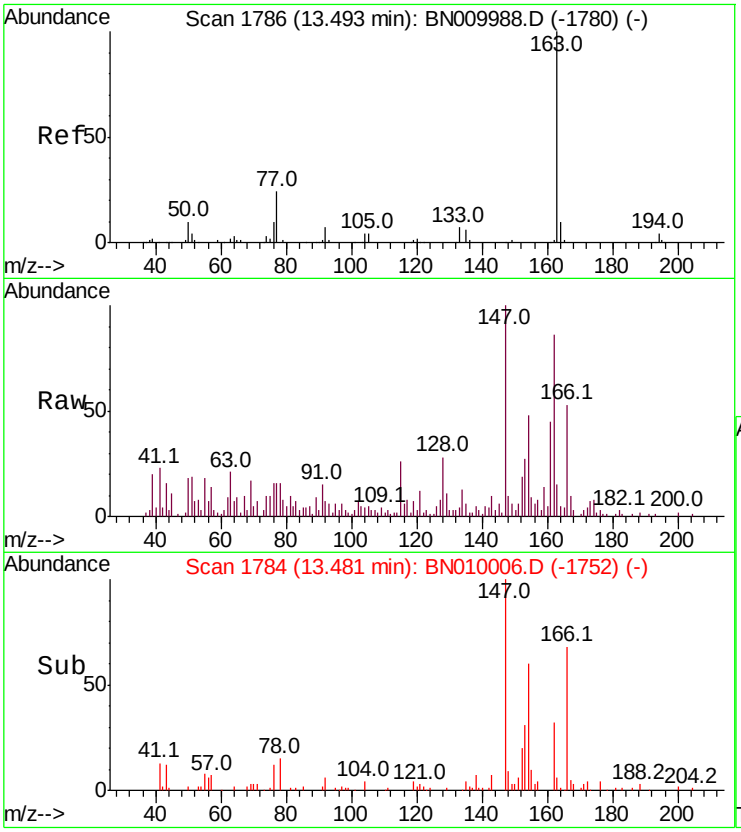


#43
2-Nitroaniline
Concen: 157.363 ng/ul
RT: 13.07 min Scan# 1714
Delta R.T. -0.04 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Tgt Ion: 65 Resp: 260126

Ion	Ratio	Lower	Upper
65	100		
92	5.6	43.6	65.4#
138	27.7	61.3	91.9#



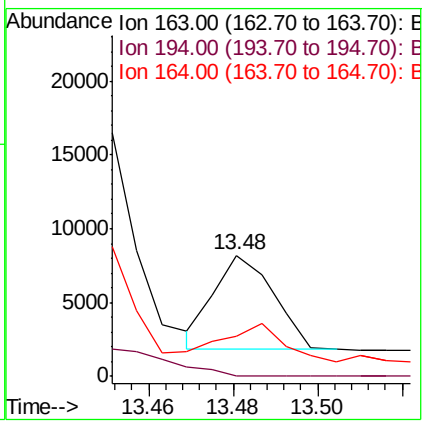


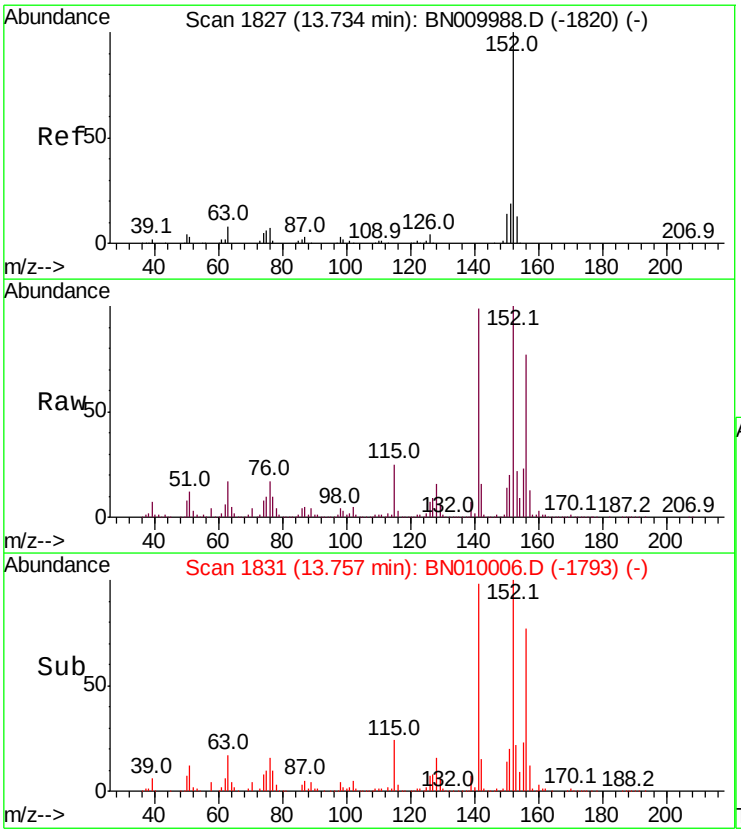
#45
Dimethylphthalate
Concen: 1.066 ng/ul
RT: 13.48 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 6156

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.0#
164	33.3	8.0	12.0#

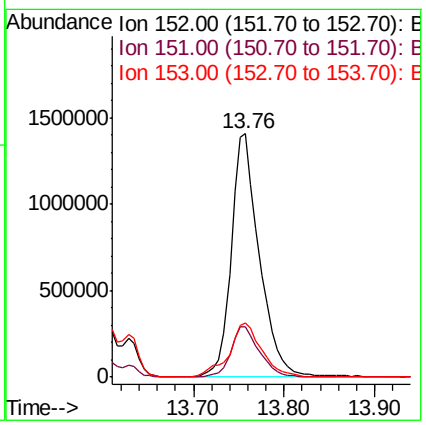


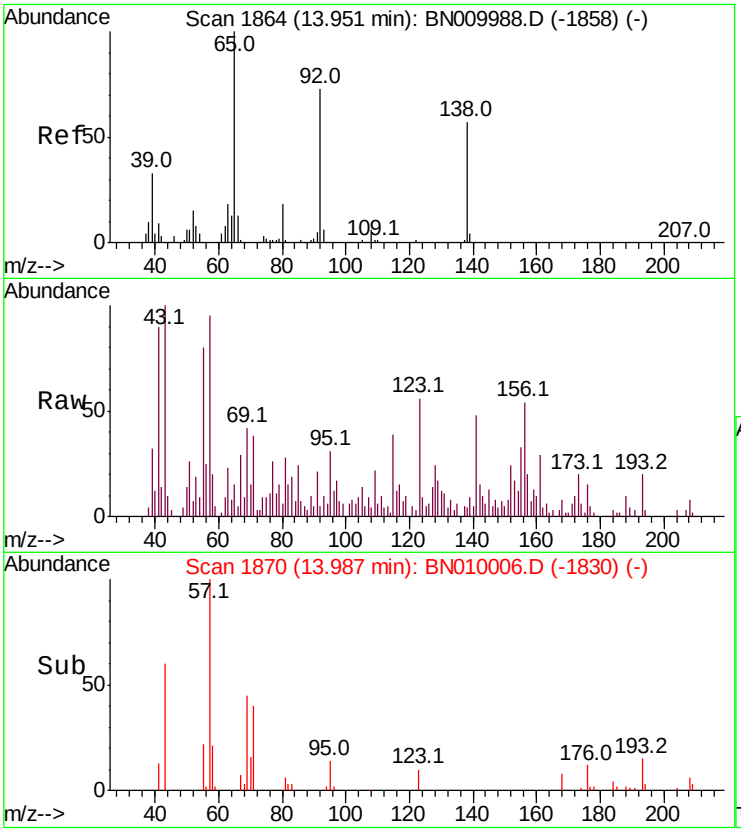


#48
Acenaphthylene
Concen: 429.872 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. 0.02 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Tgt Ion:152 Resp: 3033210

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.7	23.5
153	22.4	10.3	15.5#



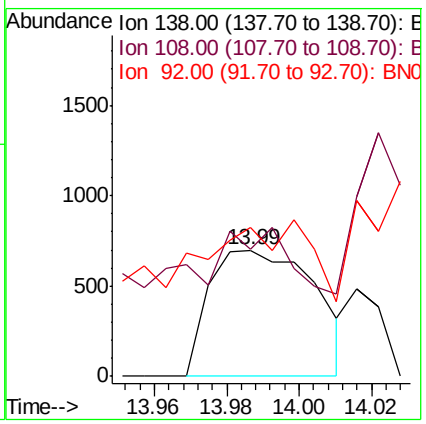


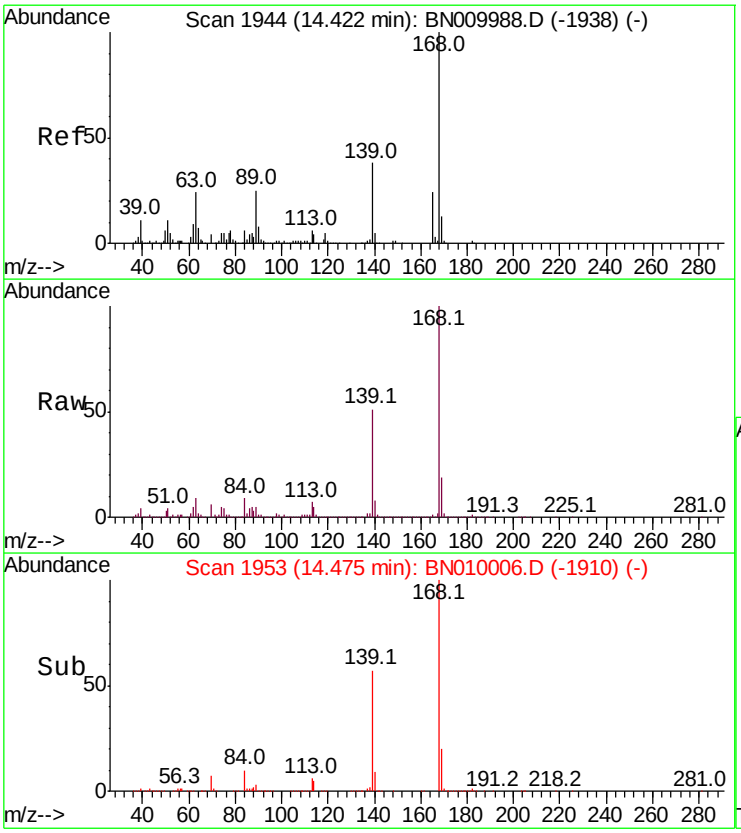
#49
3-Nitroaniline
Concen: 1.353 ng/ul
RT: 13.99 min Scan# 1870
Delta R.T. 0.04 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:138 Resp: 1412

Ion	Ratio	Lower	Upper
138	100		
108	101.0	8.9	13.3#
92	117.9	99.2	148.8

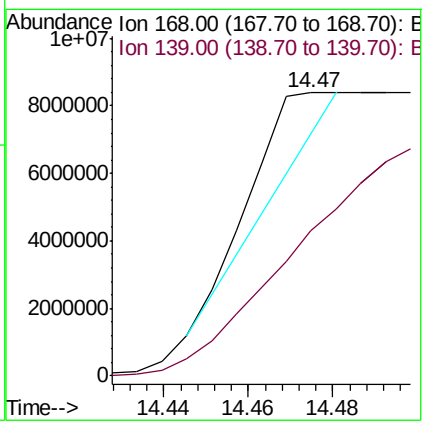


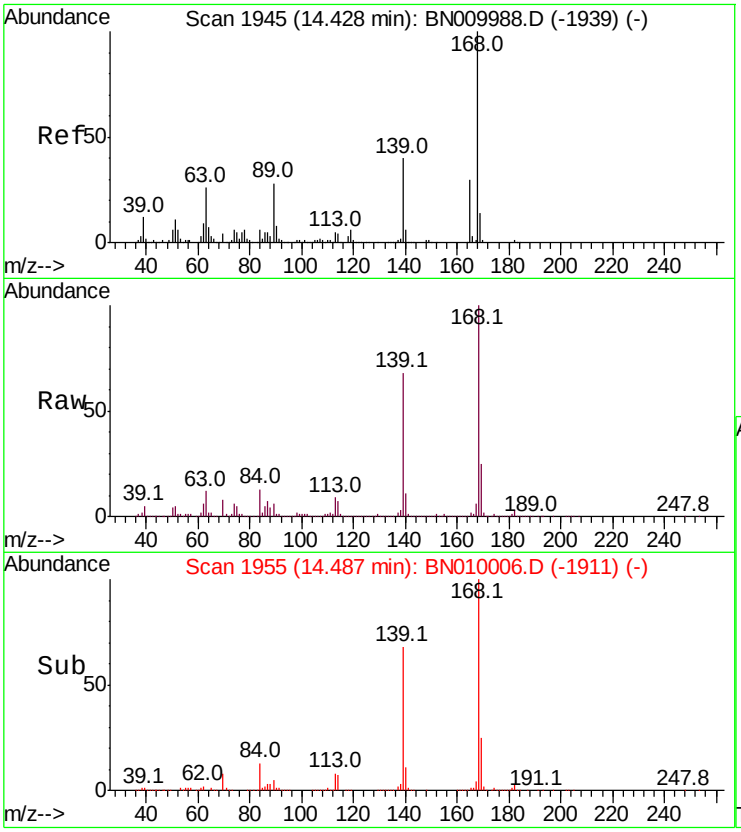


#54
Dibenzofuran
Concen: 550.292 ng/ul
RT: 14.47 min Scan# 1953
Delta R.T. 0.05 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Tgt Ion:168 Resp: 3736124

Ion	Ratio	Lower	Upper
168	100		
139	51.4	32.7	49.1#



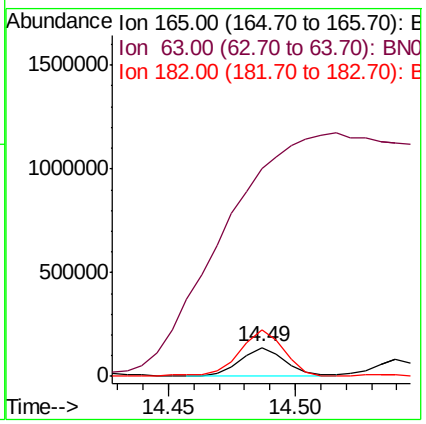


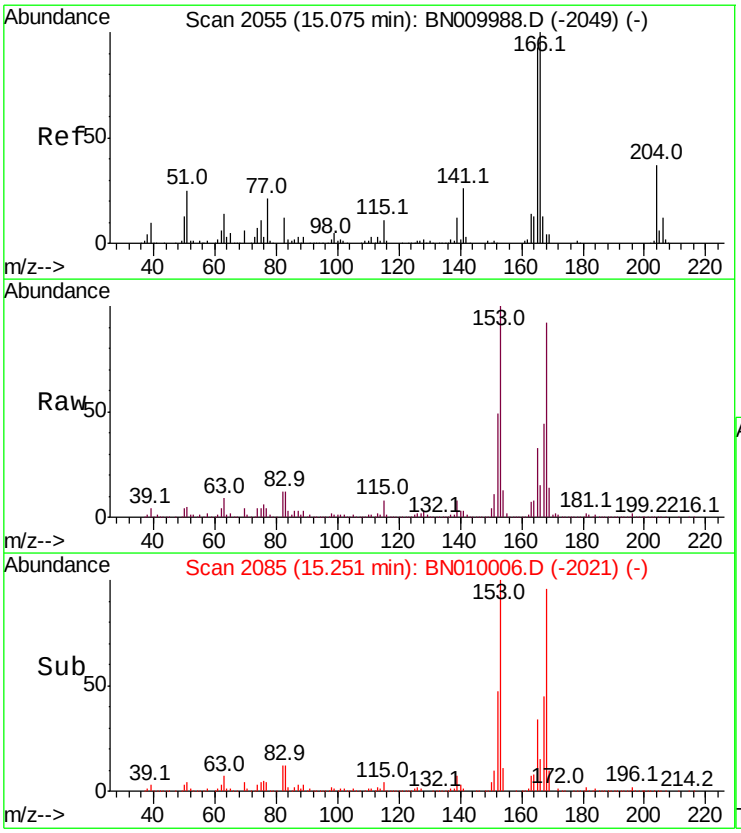
#55
2,4-Dinitrotoluene
Concen: 100.033 ng/ul
RT: 14.49 min Scan# 1955
Delta R.T. 0.06 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 167633

Ion	Ratio	Lower	Upper
165	100		
63	712.7	68.3	102.5#
182	159.9	2.2	3.4#

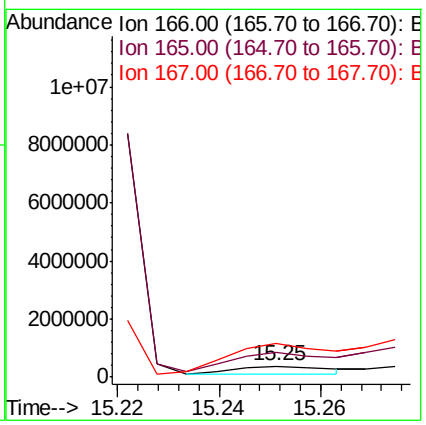


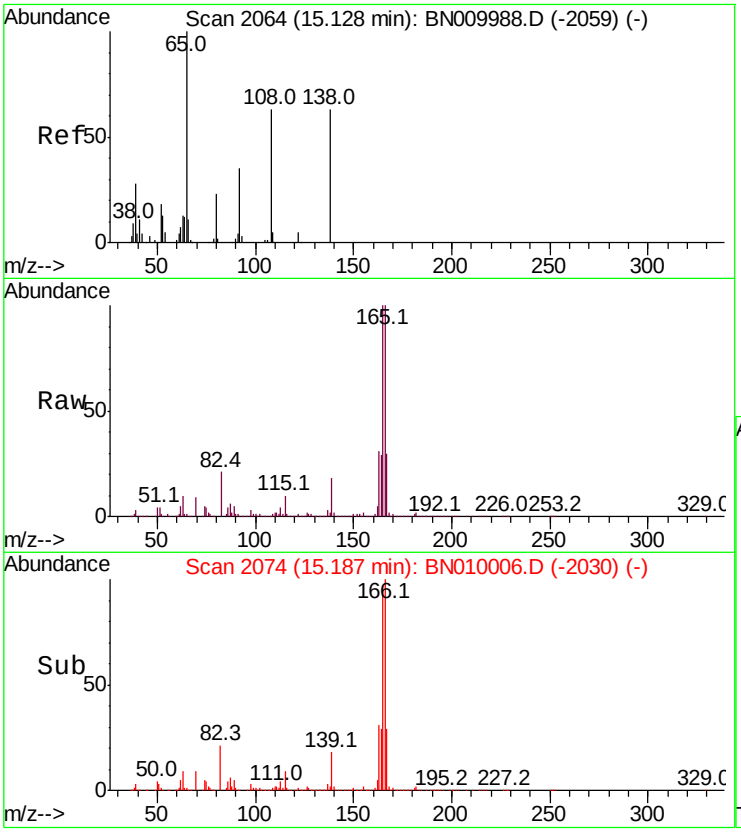


#59
Fluorene
Concen: 64.157 ng/ul
RT: 15.25 min Scan# 2085
Delta R.T. 0.18 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Tgt Ion:166 Resp: 365556

Ion	Ratio	Lower	Upper
166	100		
165	224.6	79.8	119.8#
167	299.5	10.7	16.1#



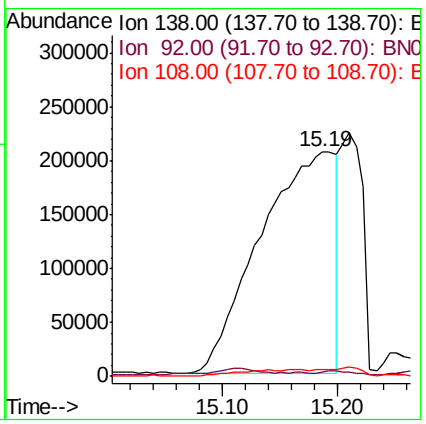


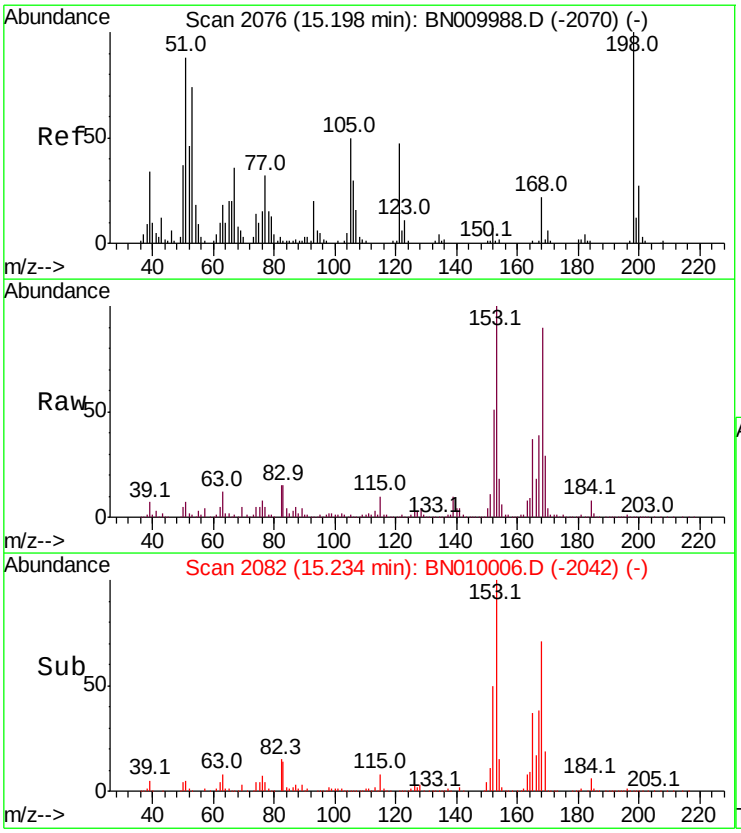
#61
4-Nitroaniline
Concen: 732.806 ng/ul
RT: 15.19 min Scan# 2074
Delta R.T. 0.06 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:138 Resp: 932857

Ion	Ratio	Lower	Upper
138	100		
92	2.2	47.8	71.6#
108	3.2	72.3	108.5#

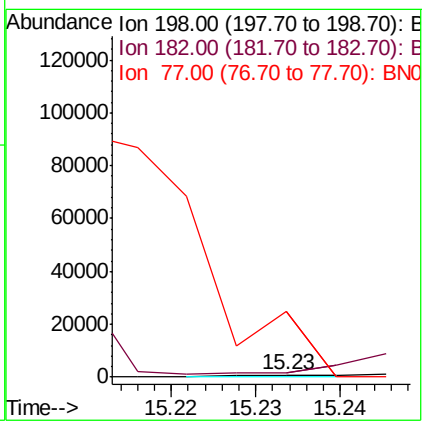


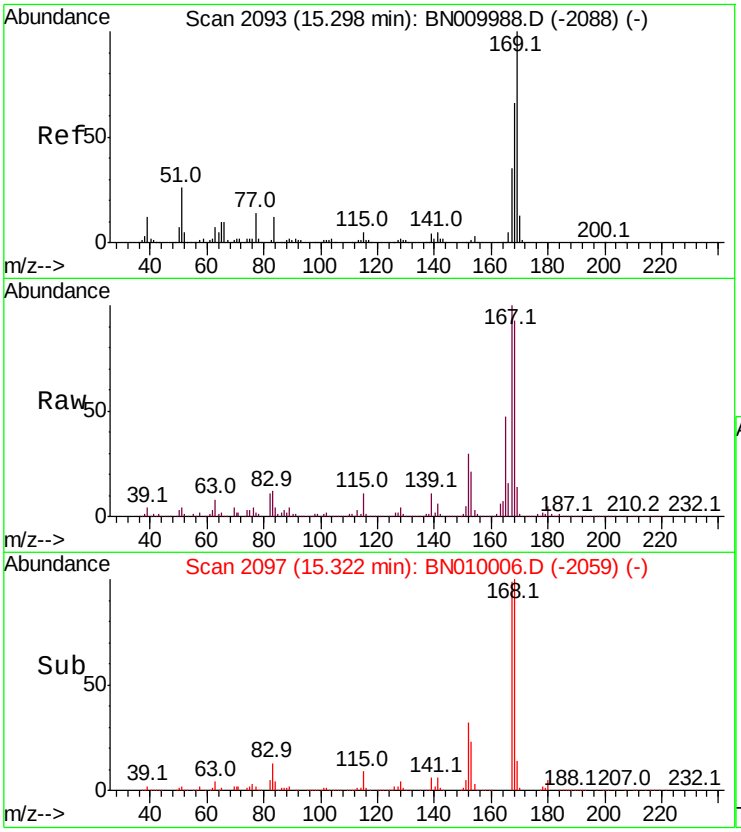


#64
4,6-Dinitro-2-methylphenol
Concen: 2.918 ng/ul
RT: 15.23 min Scan# 2082
Delta R.T. 0.04 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Tgt Ion:198 Resp: 639

Ion	Ratio	Lower	Upper
198	100		
182	272.9	3.7	5.5#
77	3889.7	25.1	37.7#



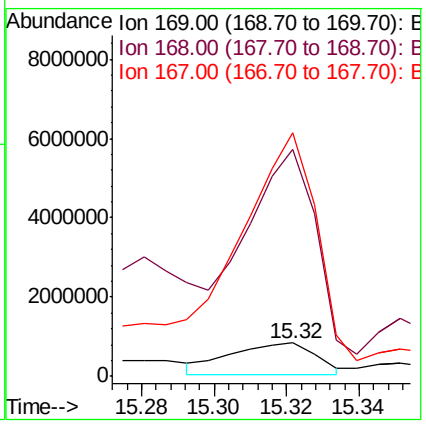


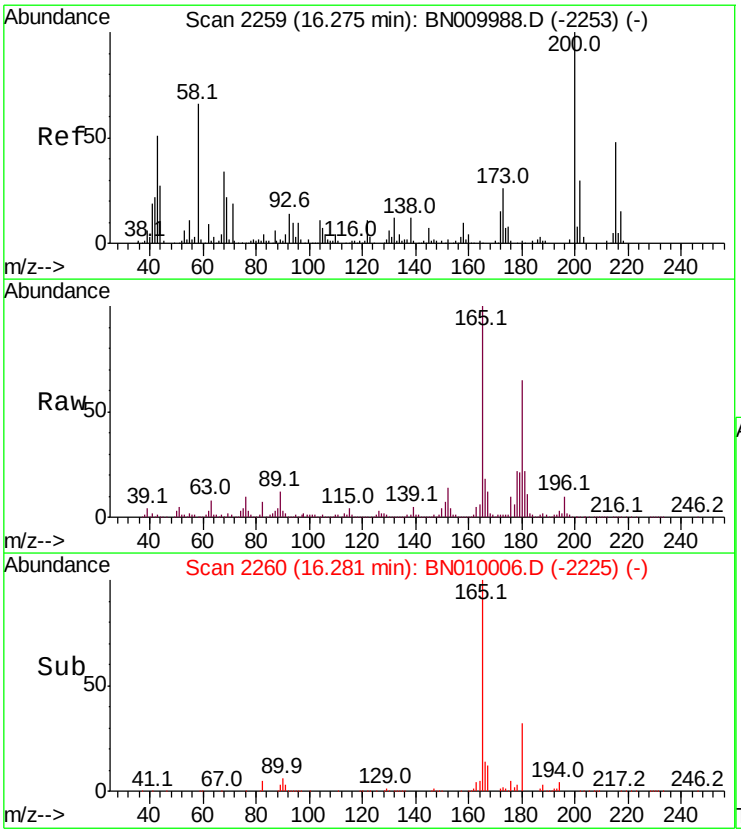
#65
N-Nitrosodiphenylamine
Concen: 1379.526 ng/ul
RT: 15.32 min Scan# 2097
Delta R.T. 0.02 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:169 Resp: 1339435

Ion	Ratio	Lower	Upper
169	100		
168	677.4	51.8	77.6#
167	728.1	27.7	41.5#

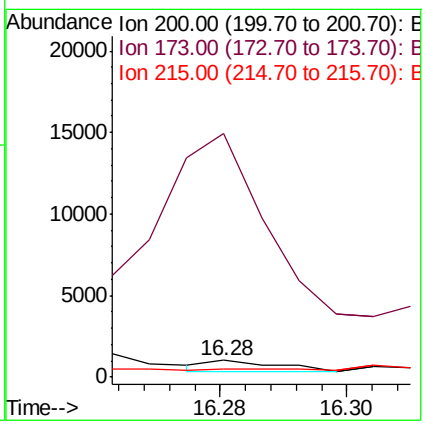


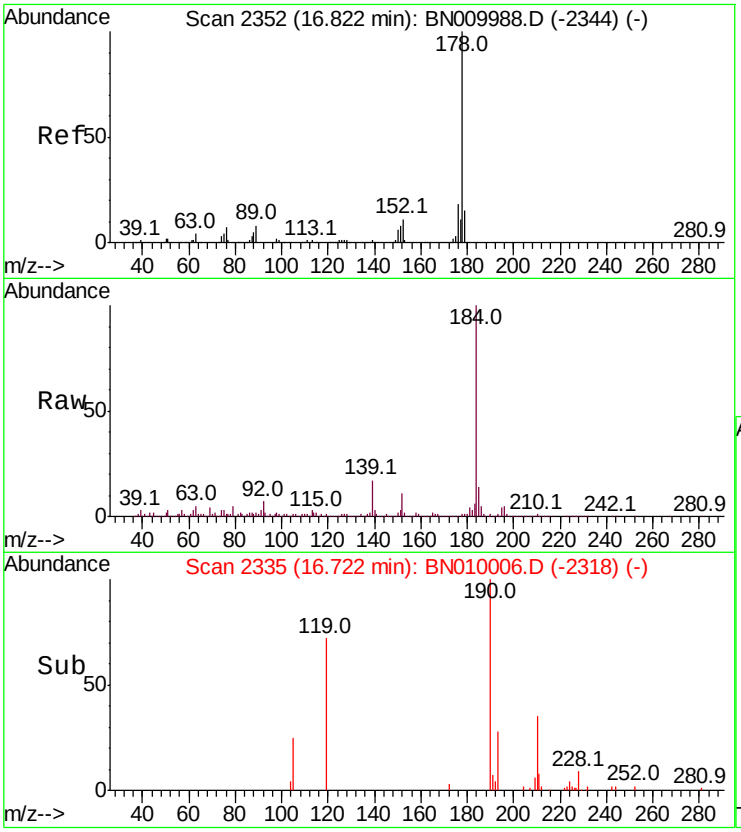


#68
Atrazine
Concen: 1.423 ng/ul
RT: 16.28 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Tgt Ion:200 Resp: 524

Ion	Ratio	Lower	Upper
200	100		
173	1469.4	22.1	33.1#
215	50.9	41.6	62.4



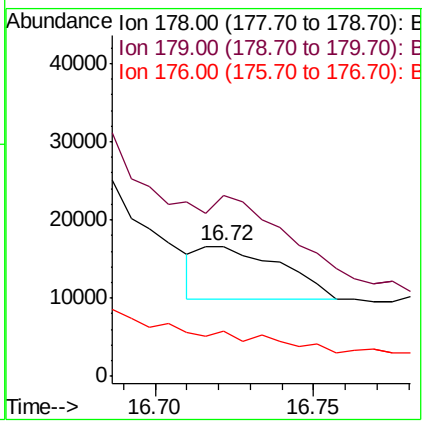


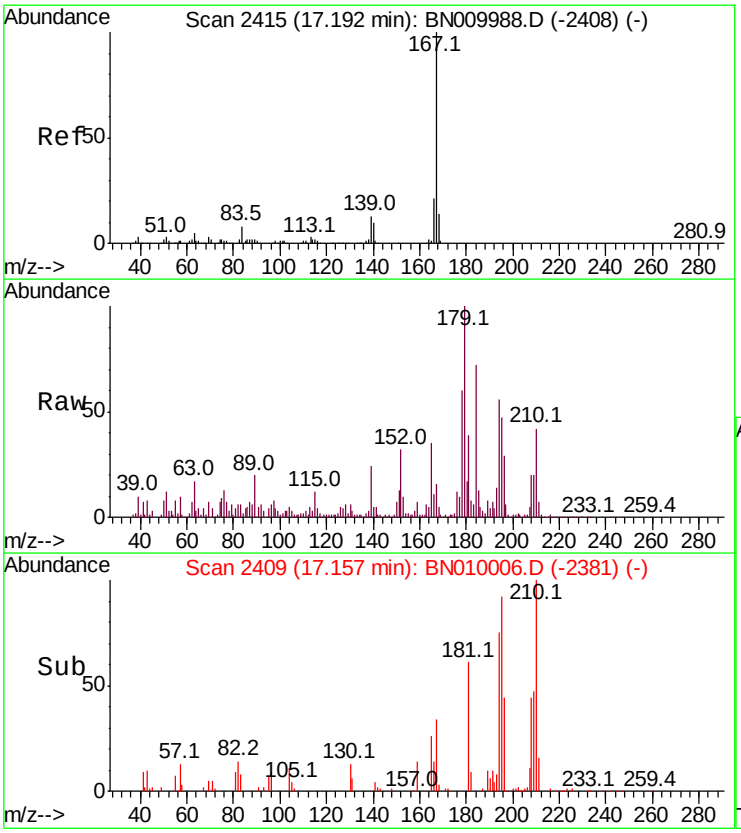
#70
Phenanthrene
Concen: 6.413 ng/ul
RT: 16.72 min Scan# 2335
Delta R.T. -0.10 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 11976

Ion	Ratio	Lower	Upper
178	100		
179	138.7	12.5	18.7#
176	34.7	14.6	22.0#

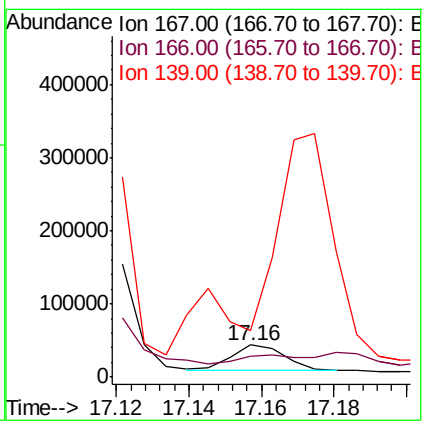


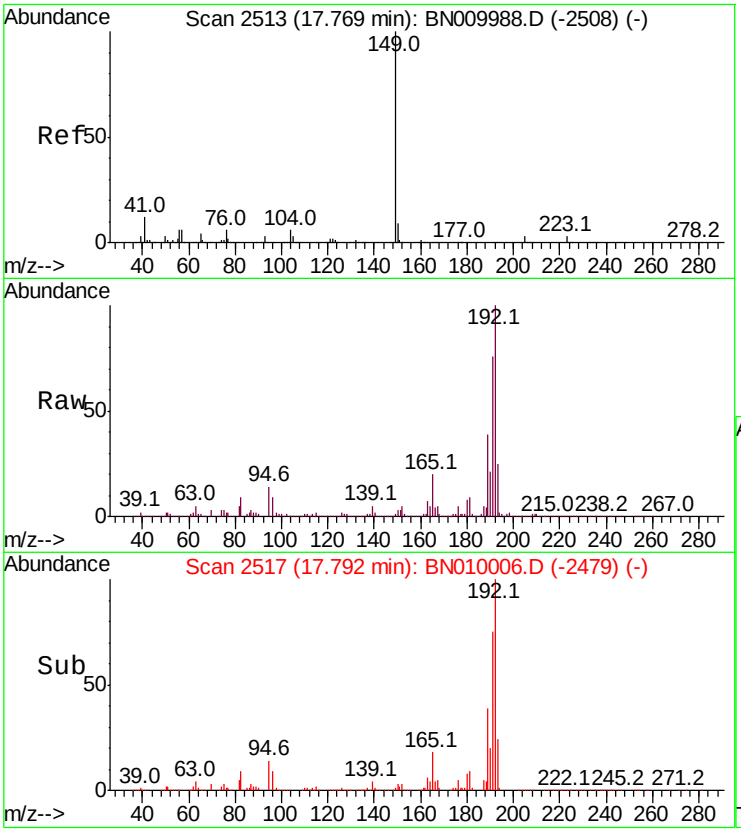


#75
Carbazole
Concen: 19.777 ng/ul
RT: 17.16 min Scan# 2409
Delta R.T. -0.04 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Tgt Ion:167 Resp: 33251

Ion	Ratio	Lower	Upper
167	100		
166	64.7	16.6	24.8#
139	143.4	9.9	14.9#



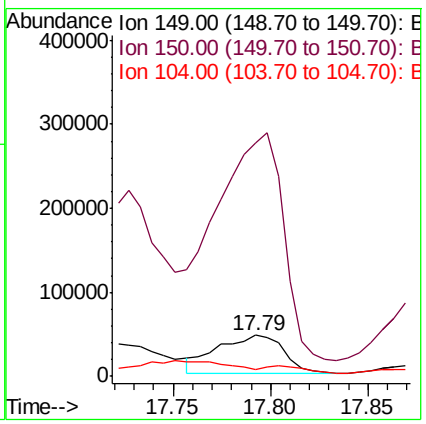


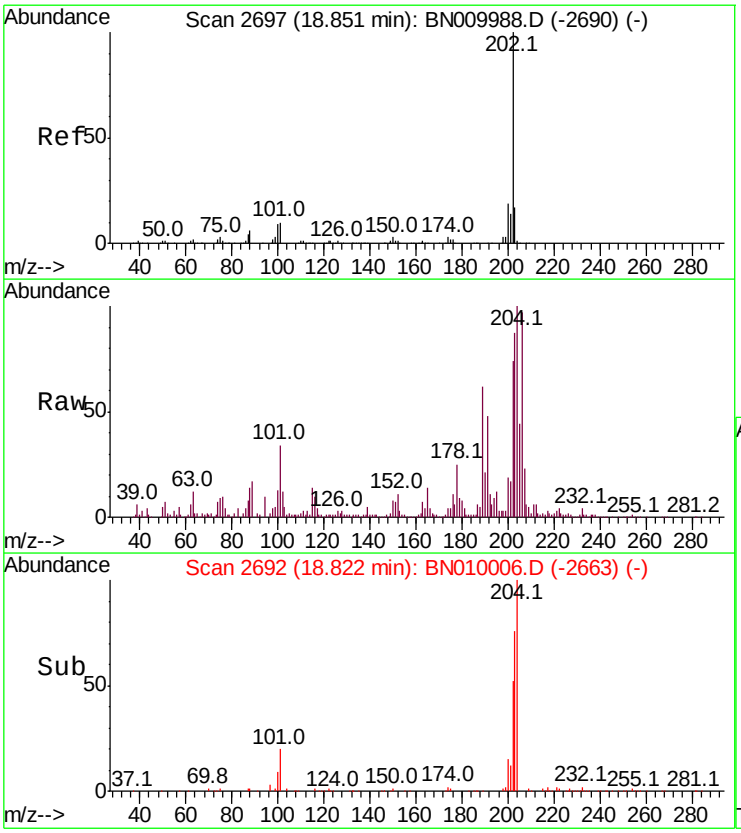
#76
Di-n-butylphthalate
Concen: 51.646 ng/ul
RT: 17.79 min Scan# 2517
Delta R.T. 0.02 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 107173

Ion	Ratio	Lower	Upper
149	100		
150	571.5	7.0	10.6#
104	18.3	4.3	6.5#

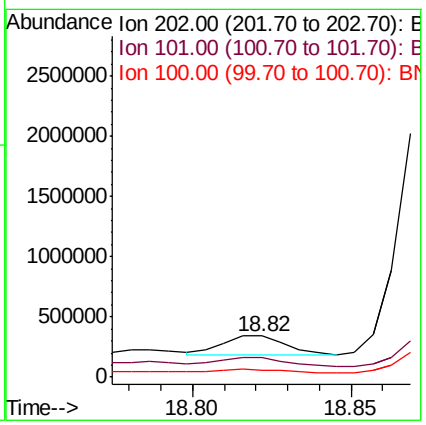


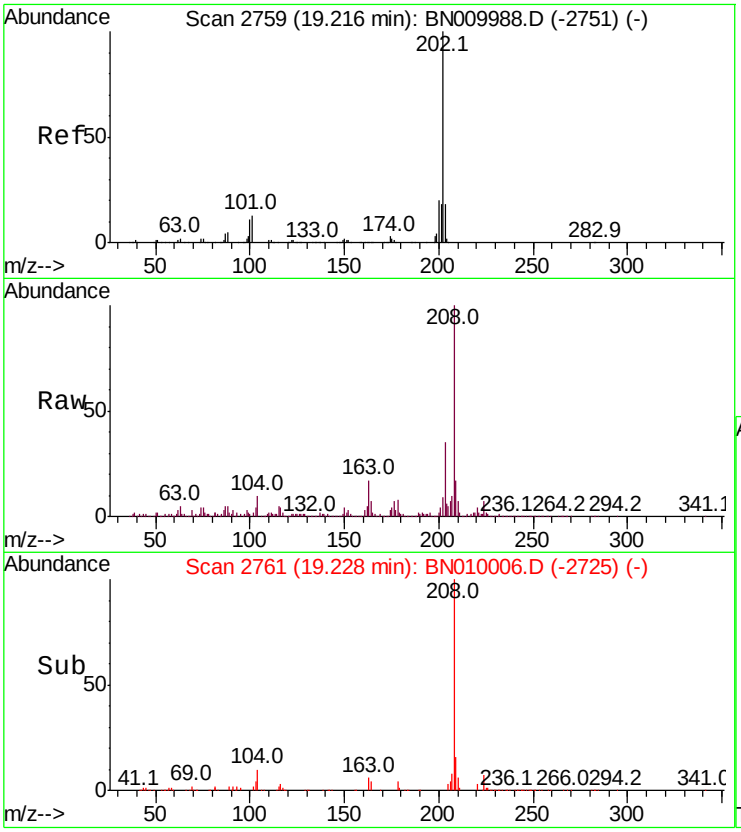


#77
Fluoranthene
Concen: 96.583 ng/ul
RT: 18.82 min Scan# 2692
Delta R.T. -0.03 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Tgt Ion:202 Resp: 211283

Ion	Ratio	Lower	Upper
202	100		
101	46.7	9.4	14.2#
100	18.0	7.2	10.8#



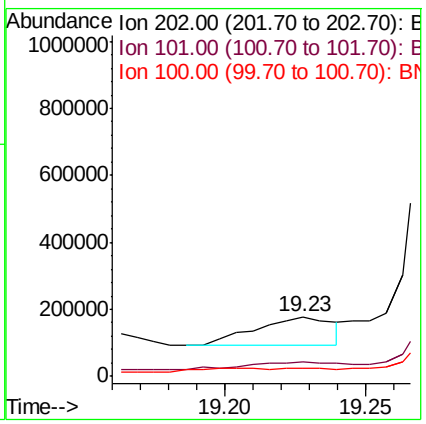


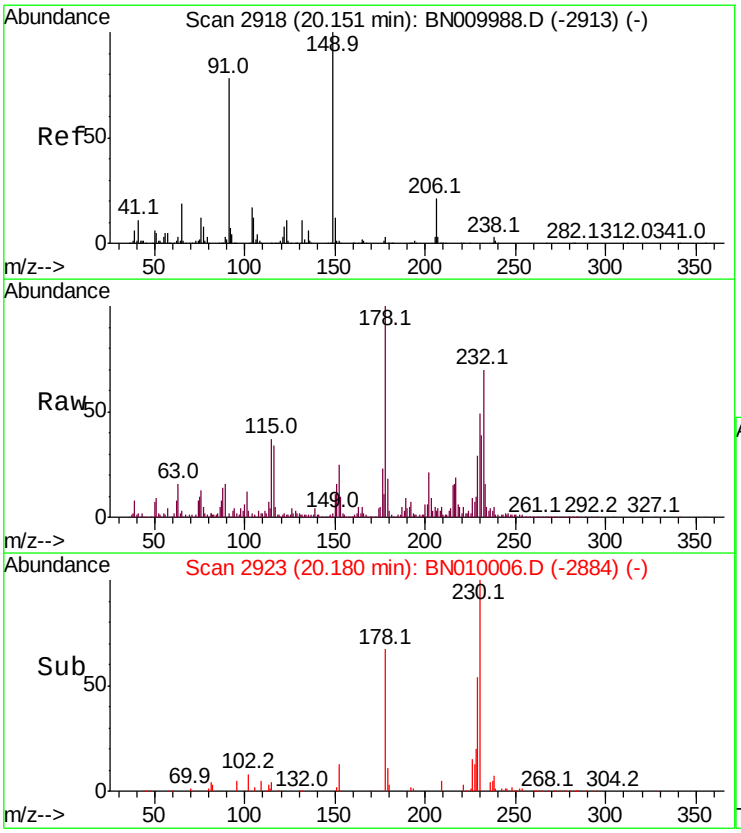
#80
Pyrene
Concen: 120.722 ng/ul
RT: 19.23 min Scan# 2761
Delta R.T. 0.01 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 169005

Ion	Ratio	Lower	Upper
202	100		
101	23.6	11.3	16.9#
100	14.6	9.0	13.6#

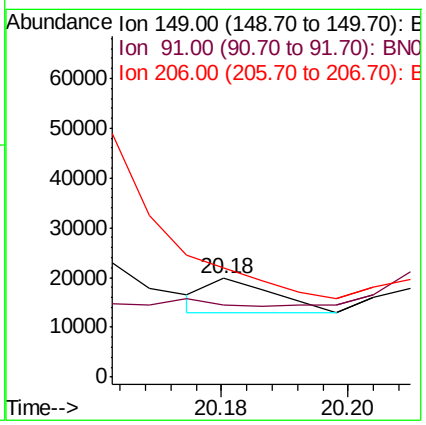


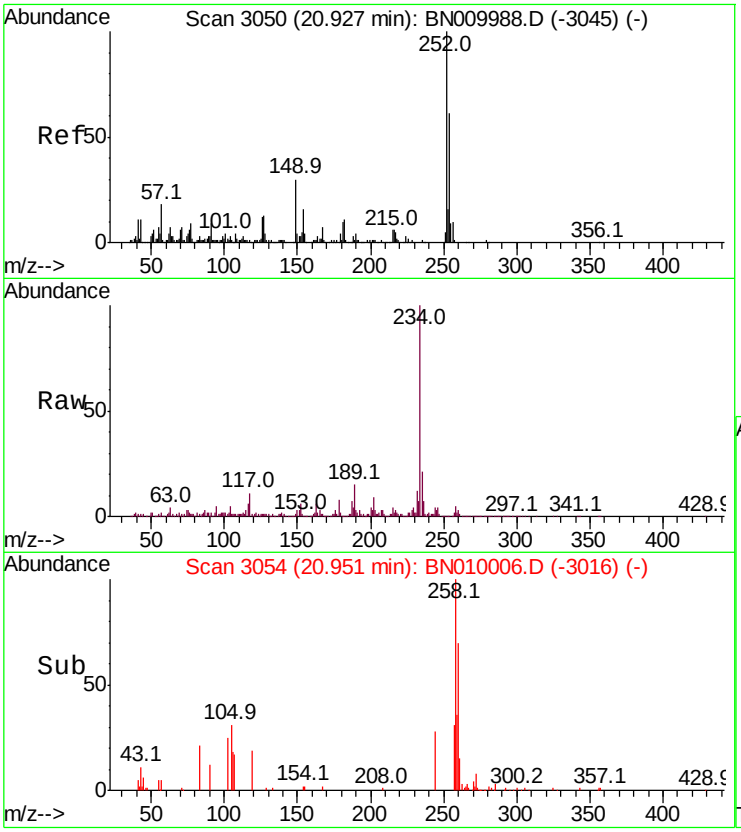


#81
Butylbenzylphthalate
Concen: 8.624 ng/ul
RT: 20.18 min Scan# 2923
Delta R.T. 0.03 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Tgt Ion:149 Resp: 4963

Ion	Ratio	Lower	Upper
149	100		
91	73.5	65.5	98.3
206	111.6	15.9	23.9#



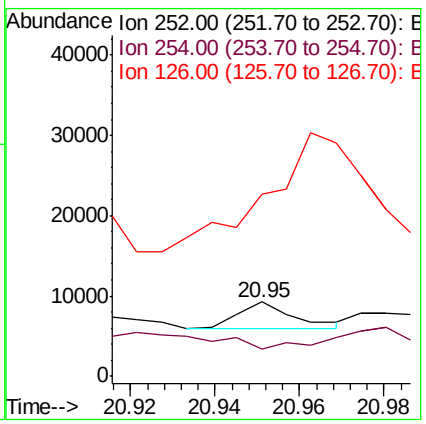


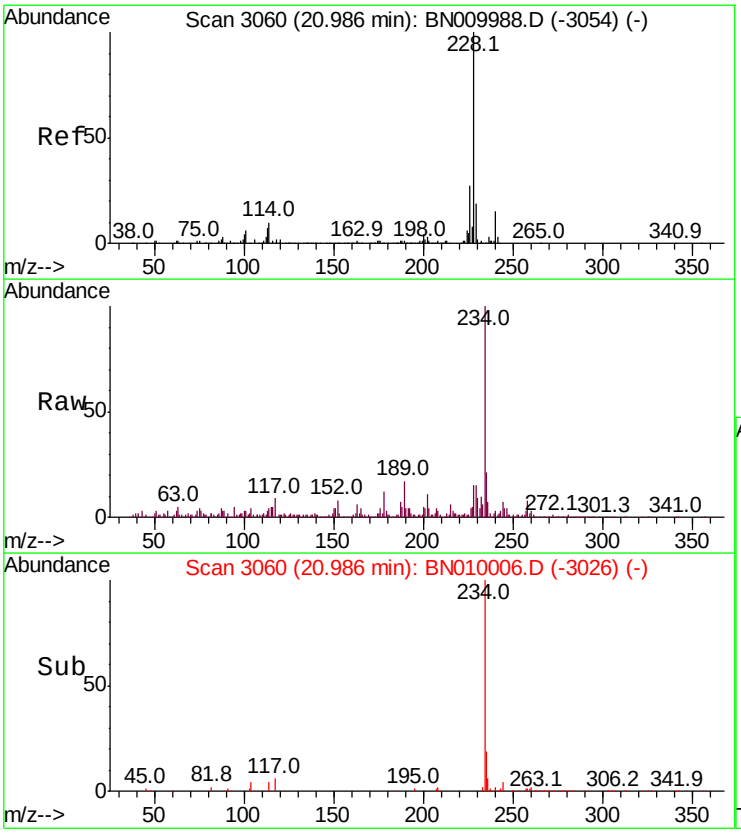
#82
3,3'-Dichlorobenzidine
Concen: 7.140 ng/ul
RT: 20.95 min Scan# 3054
Delta R.T. 0.02 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3023

Ion	Ratio	Lower	Upper
252	100		
254	37.6	49.3	73.9#
126	246.1	8.8	13.2#

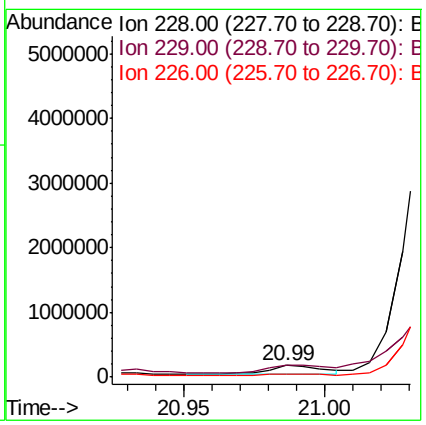


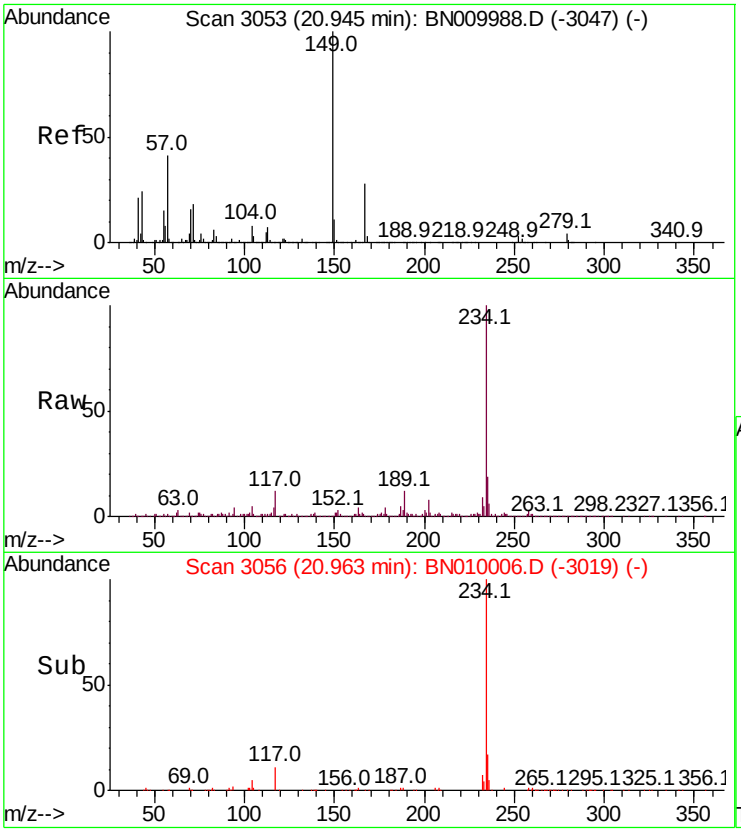


#83
Benzo(a)anthracene
Concen: 123.149 ng/ul
RT: 20.99 min Scan# 3060
Delta R.T. 0.00 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Tgt Ion:228 Resp: 164333

Ion	Ratio	Lower	Upper
228	100		
229	100.0	15.0	22.4#
226	27.0	21.4	32.2



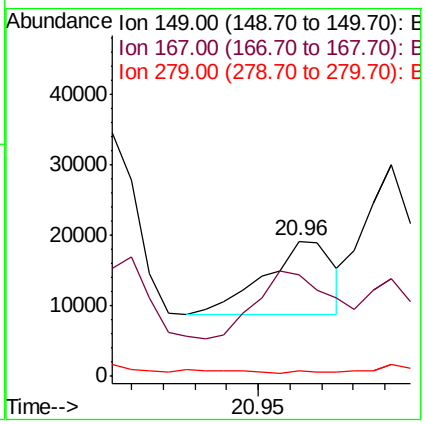


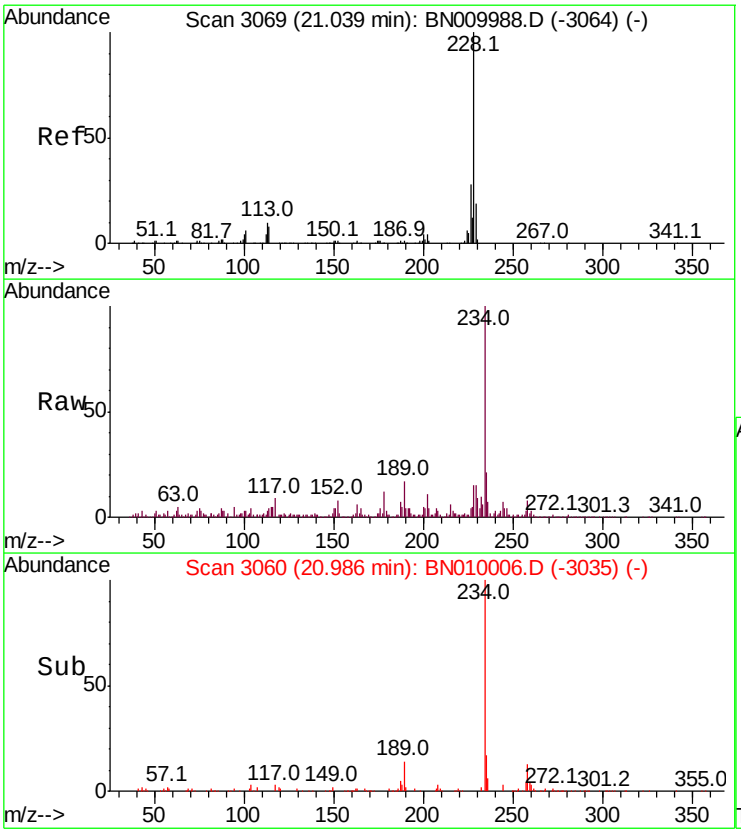
#84
Bis(2-ethylhexyl)phthalate
Concen: 18.020 ng/ul
RT: 20.96 min Scan# 3056
Delta R.T. 0.02 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 15833

Ion	Ratio	Lower	Upper
149	100		
167	75.2	21.0	31.6#
279	4.3	3.0	4.6

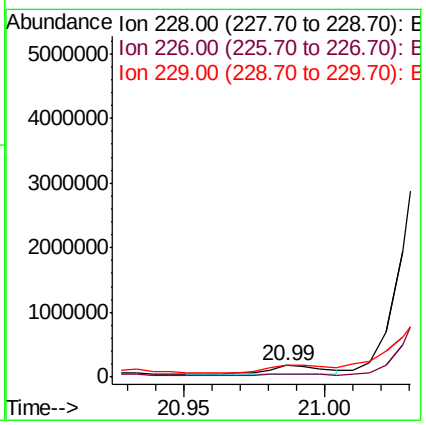


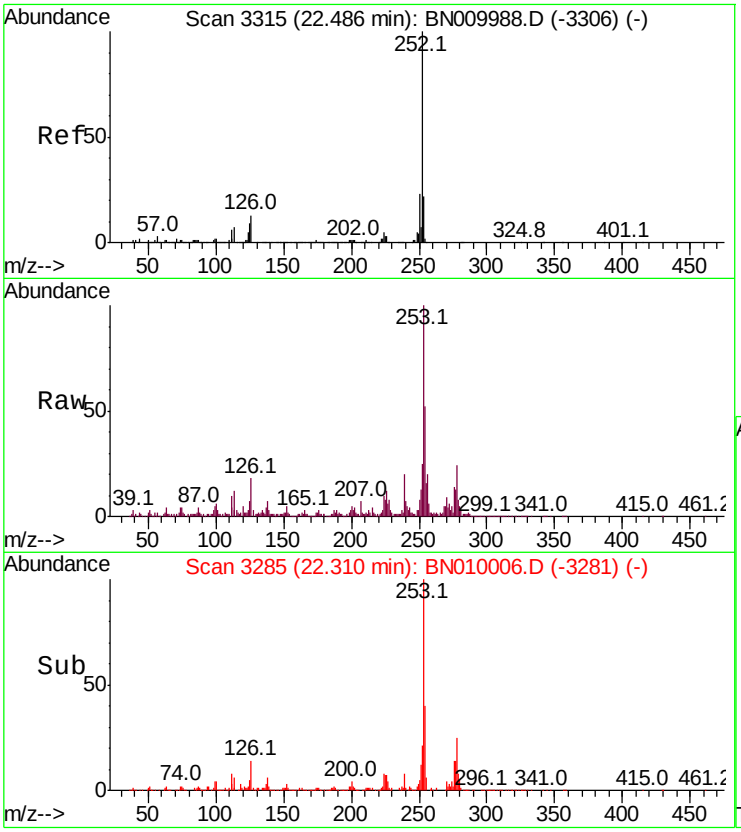


#85
Chrysene
Concen: 125.090 ng/ul
RT: 20.99 min Scan# 3060
Delta R.T. -0.05 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Tgt Ion:228 Resp: 164333

Ion	Ratio	Lower	Upper
228	100		
226	27.0	23.4	35.2
229	100.0	15.0	22.4#



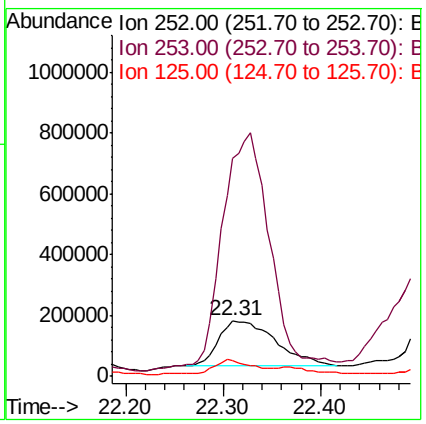


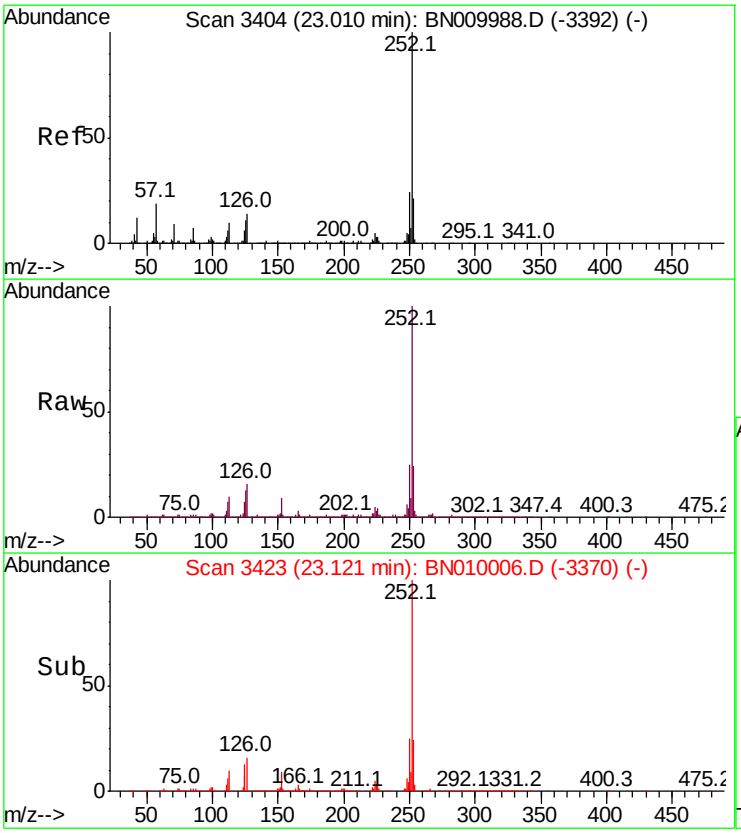
#88
Benzo(b)fluoranthene
Concen: 12.866 ng/ul
RT: 22.31 min Scan# 3285
Delta R.T. -0.18 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 600822

Ion	Ratio	Lower	Upper
252	100		
253	394.0	17.0	25.4#
125	29.2	8.0	12.0#

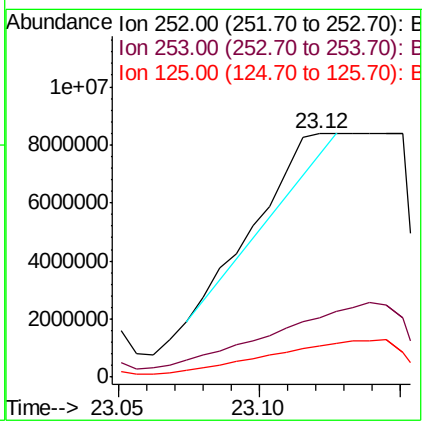


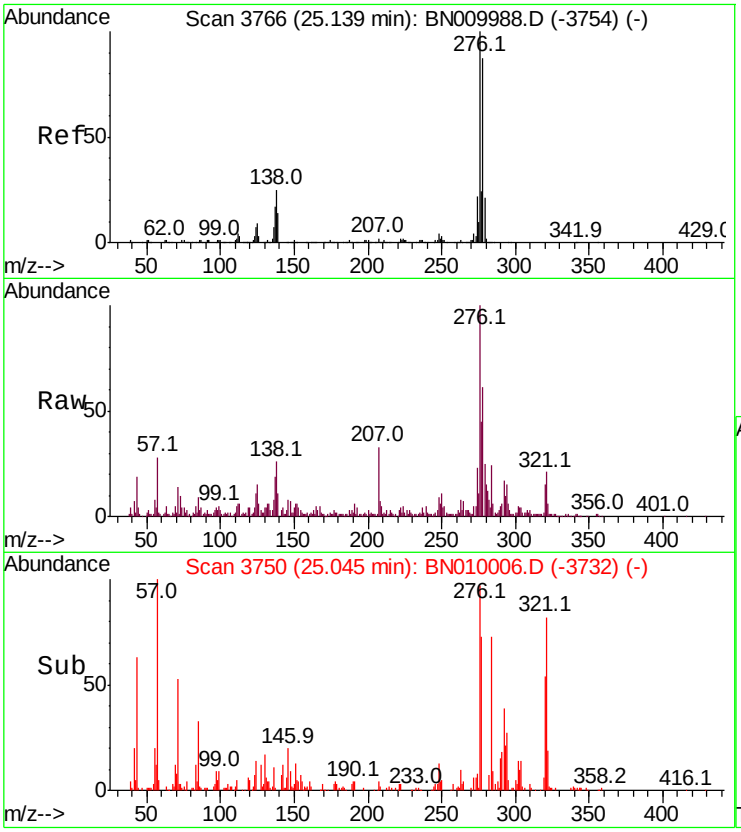


#91
Benzo(a)pyrene
Concen: 73.073 ng/ul
RT: 23.12 min Scan# 3423
Delta R.T. 0.11 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Tgt Ion:252 Resp: 3069015

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.0
125	12.8	9.0	13.6



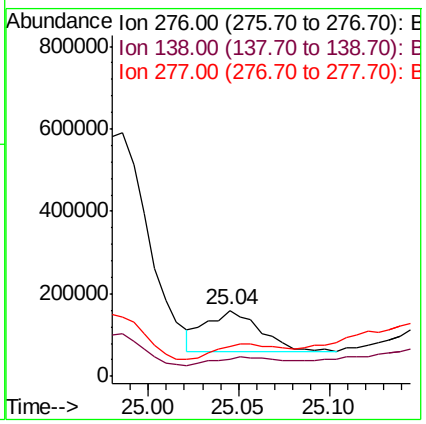


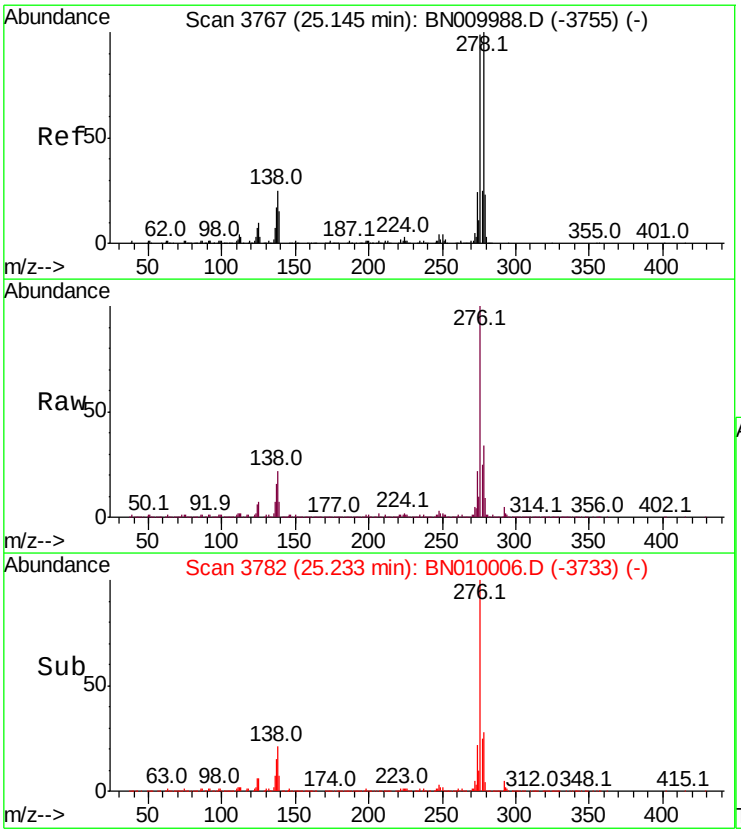
#92
Indeno(1,2,3-cd)pyrene
Concen: 4.042 ng/ul
RT: 25.04 min Scan# 3750
Delta R.T. -0.09 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 201550

Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.9	31.3
277	45.0	18.2	27.4#

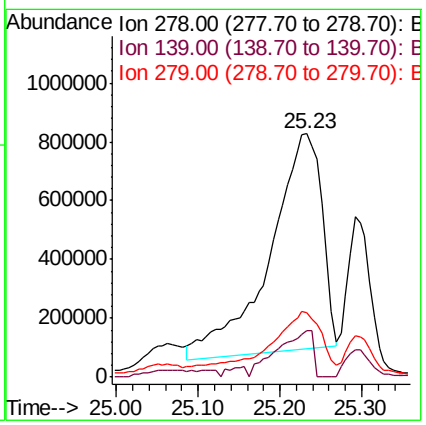


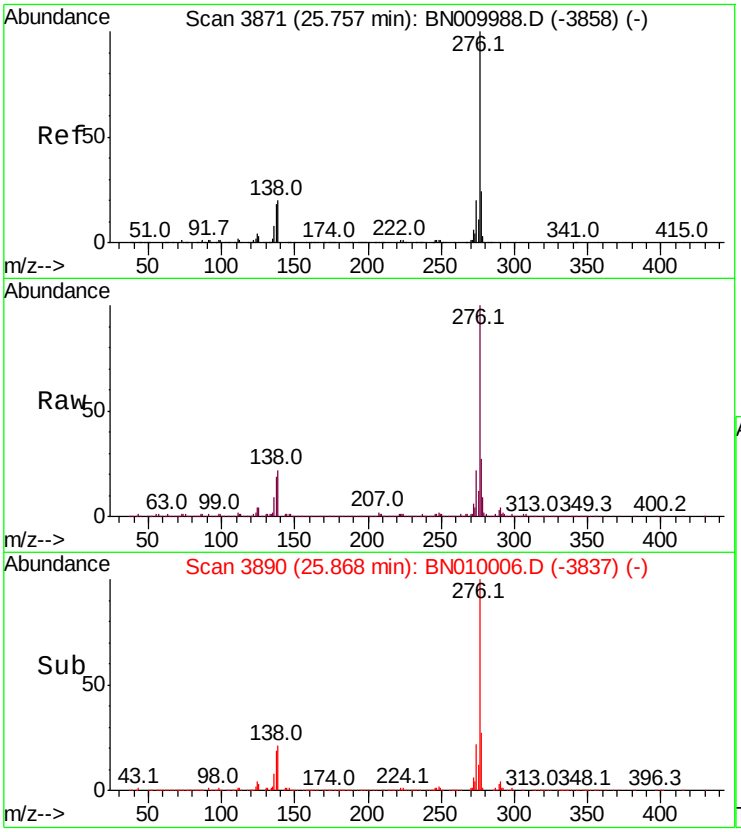


#93
Dibenzo(a,h)anthracene
Concen: 76.433 ng/ul
RT: 25.23 min Scan# 3782
Delta R.T. 0.09 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Tgt Ion:278 Resp: 3260409

Ion	Ratio	Lower	Upper
278	100		
139	19.1	13.0	19.4
279	26.2	17.5	26.3





#94
Benzo(g,h,i)perylene
Concen: 194.910 ng/ul
RT: 25.87 min Scan# 3890
Delta R.T. 0.11 min
Lab File: BN010006.D
Acq: 29 Feb 2020 03:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 8149411

Ion	Ratio	Lower	Upper
276	100		
138	21.8	17.5	26.3
277	27.1	18.1	27.1#