Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010009.D
Acq On : 29 Feb 2020 05:43
Operator : CG/JU
Sample : L1507-20DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 02 05:52:53 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	122846	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	529090	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	331787	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.79	188	133340	20.00	ng/ul	0.02
78) Chrysene-d12	21.03	240	590854	20.00	ng/ul	0.03
86) Perylene-d12	23.10	264	622973	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	436	0.15	ng/uL	0.00
5) Phenol-d5	6.59	99	20466	1.96	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.74	67	13246	1.84	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	16854	2.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	17949	2.16	ng/ul	0.01
19) Nitrobenzene-d5	8.53	128	11036	2.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	9423	2.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	18284	2.25	ng/ul	0.01
29) 4-Chloroaniline-d4	10.28	131	13517	1.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	56037	2.26	ng/ul	0.02
47) Acenaphthylene-d8	13.71	160	67671	2.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.25	143	16601	3.67	ng/ul	-0.01
58) Fluorene-d10	15.04	176	66314	3.10	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.20	200	227	0.27	ng/ul	0.02
71) Anthracene-d10	16.95	188	79844	13.06	ng/ul	0.07
79) Pyrene-d10	19.23	212	47045	1.52	ng/ul	0.05
90) Benzo(a)pyrene-d12	22.97	264	75950	2.44	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.17	128	79992	2.804	ng/ul#	89
34) 2-Methylnaphthalene	11.81	142	8406688	424.337	ng/ul	96
35) 1-Methylnaphthalene	12.03	142	6620644	333.397	ng/uL	99
41) 1,1'-Biphenyl	12.84	154	421681	16.548	ng/ul	99
48) Acenaphthylene	13.74	152	1819899	57.607	ng/ul#	96
54) Dibenzofuran	14.35	168	908946	29.902	ng/ul#	49
55) 2,4-Dinitrotoluene	14.46	165	65739	8.762	ng/ul#	1
59) Fluorene	15.12	166	3754730	147.185	ng/ul#	99
61) 4-Nitroaniline	15.13	138	396958	69.649	ng/ul#	16
65) N-Nitrosodiphenylamine	15.31	169	175383	44.330	ng/ul#	1
66) 4-Bromophenyl-phenylether	15.96	248	1980	1.484	ng/ul#	1
68) Atrazine	16.32	200	1571	1.047	ng/ul#	1
70) Phenanthrene	16.97	178	2990616	392.999	ng/ul#	86
72) Anthracene	16.97	178	2990616	384.436	ng/ul#	86
75) Carbazole	17.22	167	5447444	795.174	ng/ul	99
76) Di-n-butylphthalate	17.78	149	23267	2.752	ng/ul#	1
77) Fluoranthene	19.04	202	113194	12.699	ng/ul	98
80) Pyrene	19.14	202	87834	2.062	ng/ul#	67
83) Benzo(a)anthracene	21.01	228	12500121	307.855	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.95	149	195911	7.328	ng/ul	96
85) Chrysene	21.01	228	12500121	312.706	ng/ul	96
88) Benzo(b)fluoranthene	22.51	252	4249107	105.199	ng/ul	98
89) Benzo(k)fluoranthene	22.51	252	4249107	111.101	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
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Acq On : 29 Feb 2020 05:43
Operator : CG/JU
Sample : L1507-20DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 02 05:52:53 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)
91) Benzo(a)pyrene	23.02	252	1773734	48.825	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.14	276	549877	12.749	ng/ul	95
93) Dibenzo(a,h)anthracene	25.14	278	182280	4.940	ng/ul#	78
94) Benzo(g,h,i)perylene	25.76	276	323792	8.953	ng/ul	97

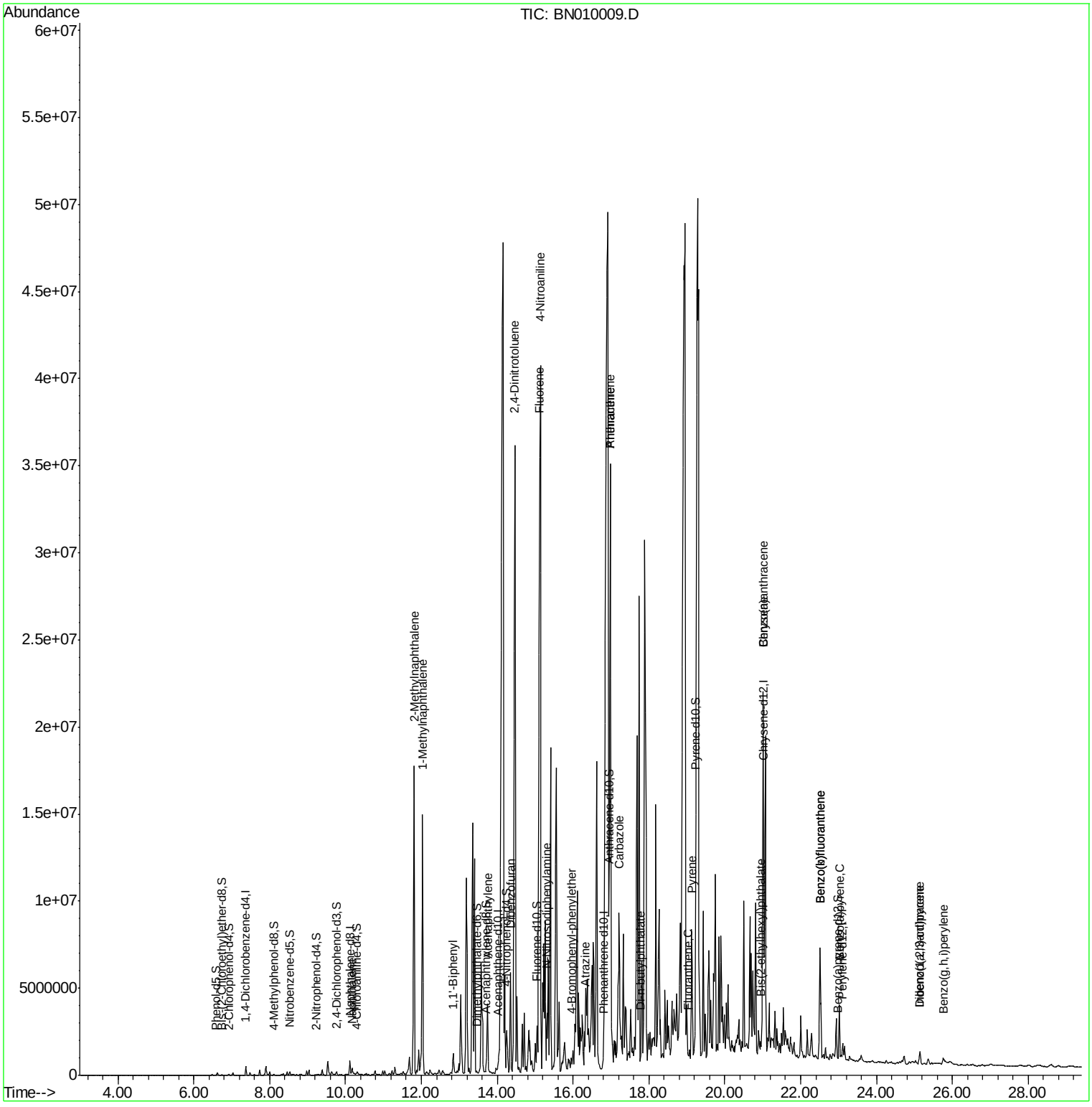
(#) = qualifier out of range (m) = manual integration (+) = signals summed

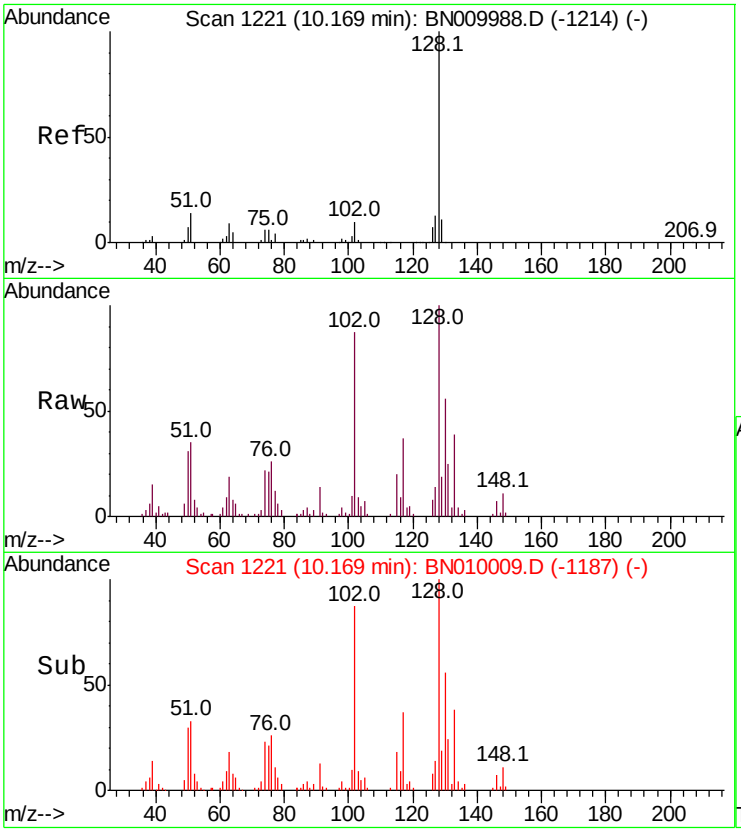
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010009.D
Acq On : 29 Feb 2020 05:43
Operator : CG/JU
Sample : L1507-20DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 02 05:52:53 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



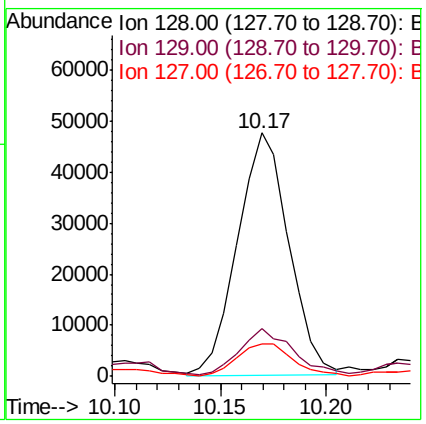


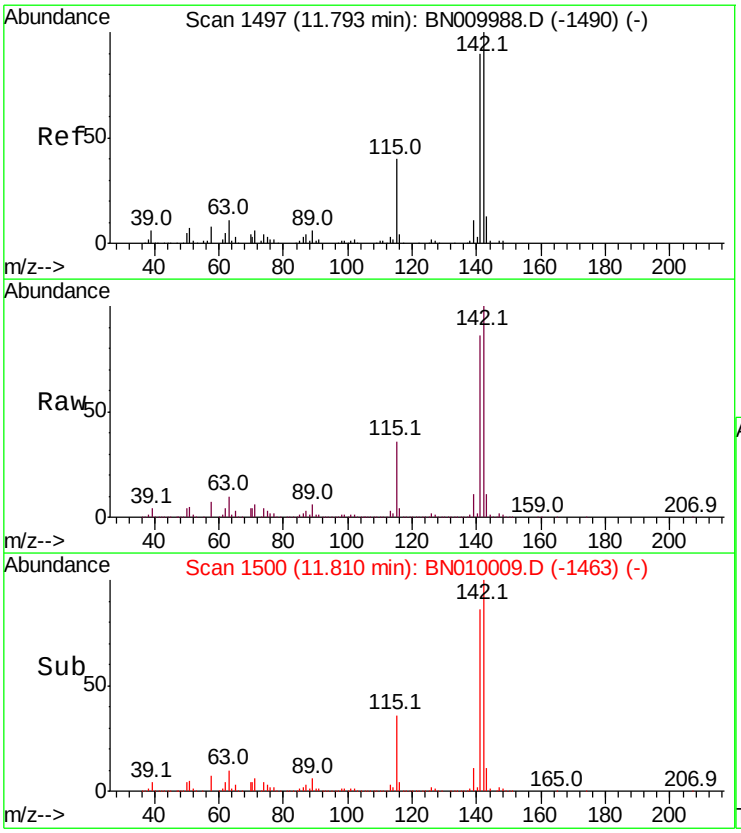
#28
Naphthalene
Concen: 2.804 ng/ul
RT: 10.17 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 79992

Ion	Ratio	Lower	Upper
128	100		
129	19.5	8.6	13.0#
127	13.5	10.3	15.5

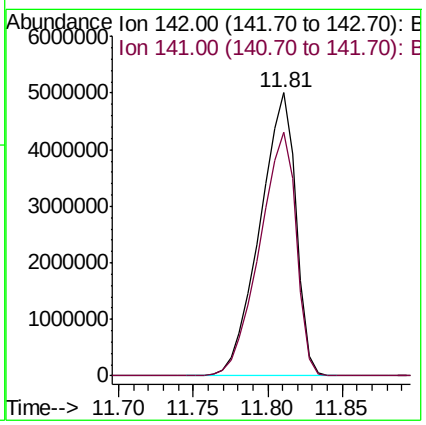


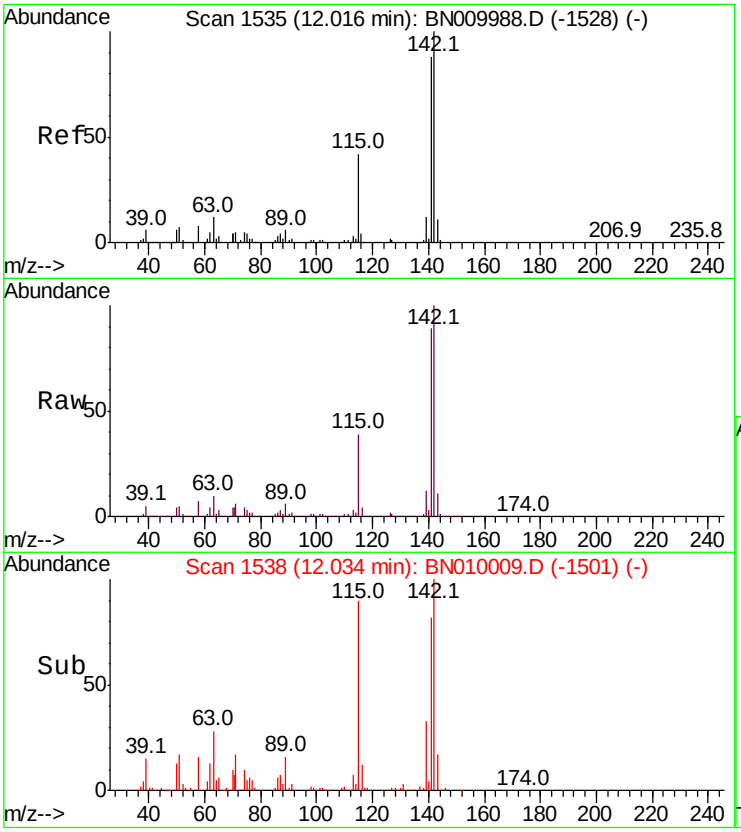


#34
2-Methylnaphthalene
Concen: 424.337 ng/ul
RT: 11.81 min Scan# 1500
Delta R.T. 0.02 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Tgt Ion:142 Resp: 8406688

Ion	Ratio	Lower	Upper
142	100		
141	86.3	72.1	108.1



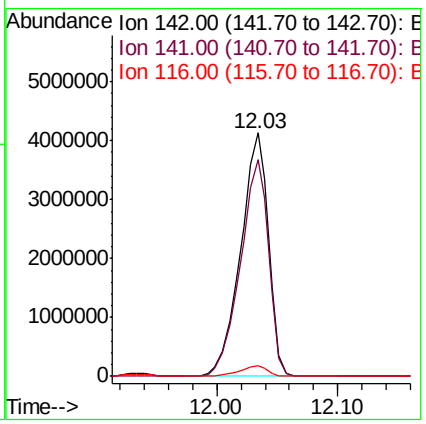


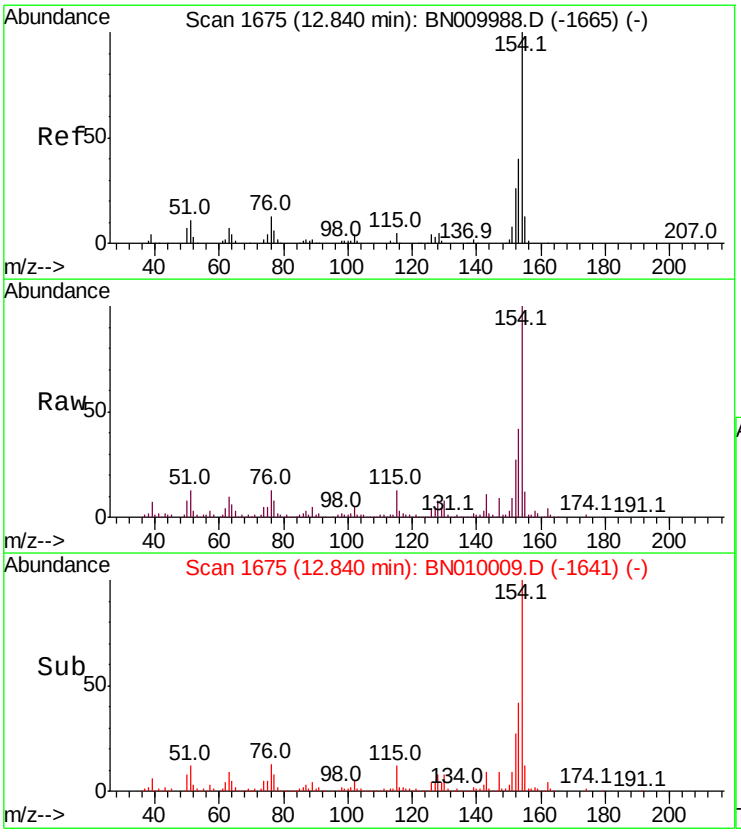
#35
1-Methylnaphthalene
Concen: 333.397 ng/uL
RT: 12.03 min Scan# 1538
Delta R.T. 0.02 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 6620644

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.8	109.2
116	4.2	3.2	4.8

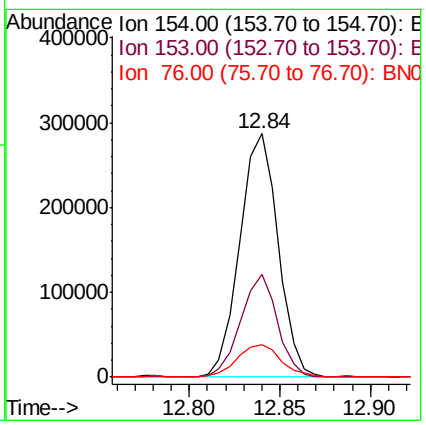


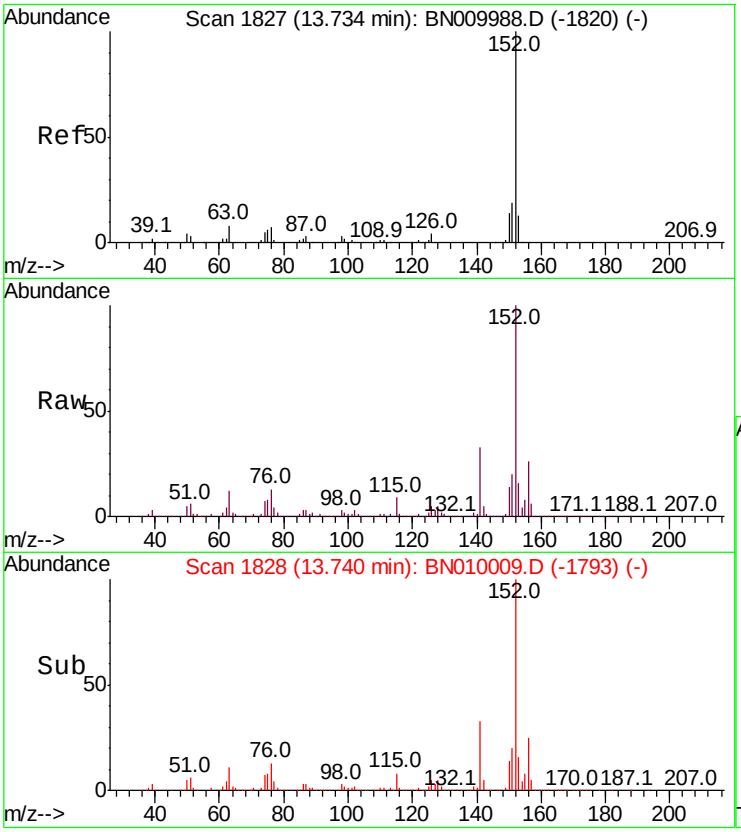


#41
1,1'-Biphenyl
Concen: 16.548 ng/ul
RT: 12.84 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Tgt Ion:154 Resp: 421681

Ion	Ratio	Lower	Upper
154	100		
153	42.3	33.2	49.8
76	13.4	11.0	16.4



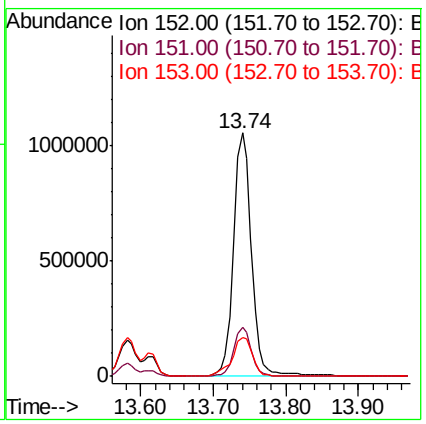


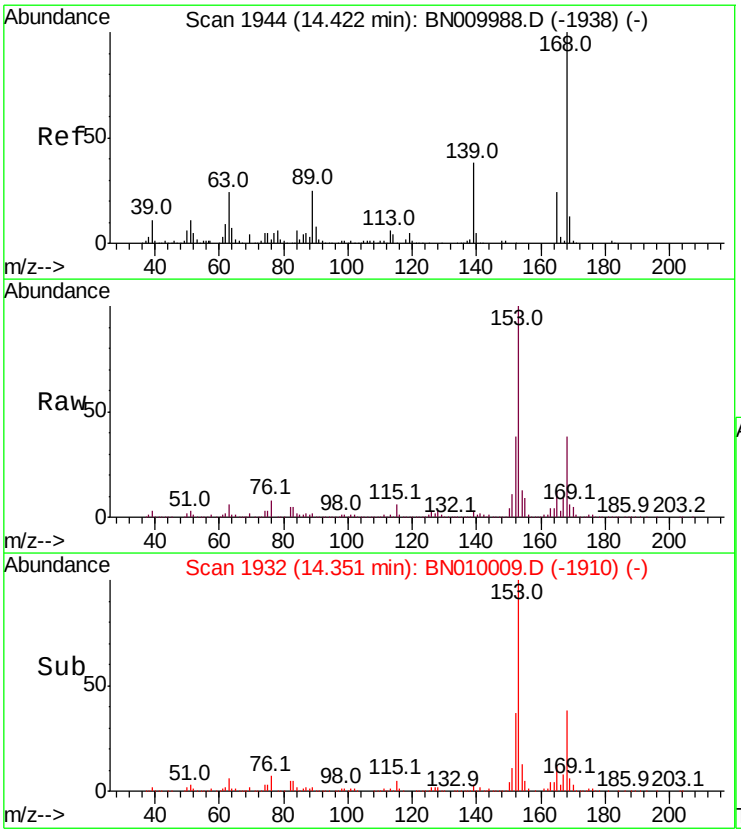
#48
Acenaphthylene
Concen: 57.607 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1819899

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	16.0	10.3	15.5#

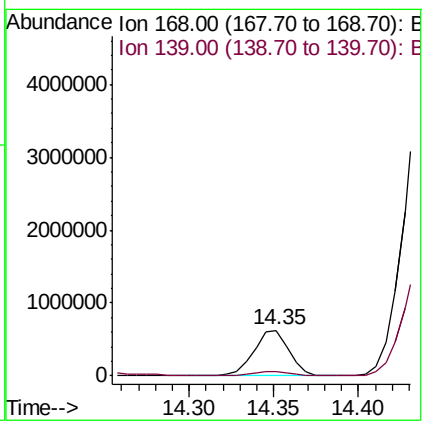


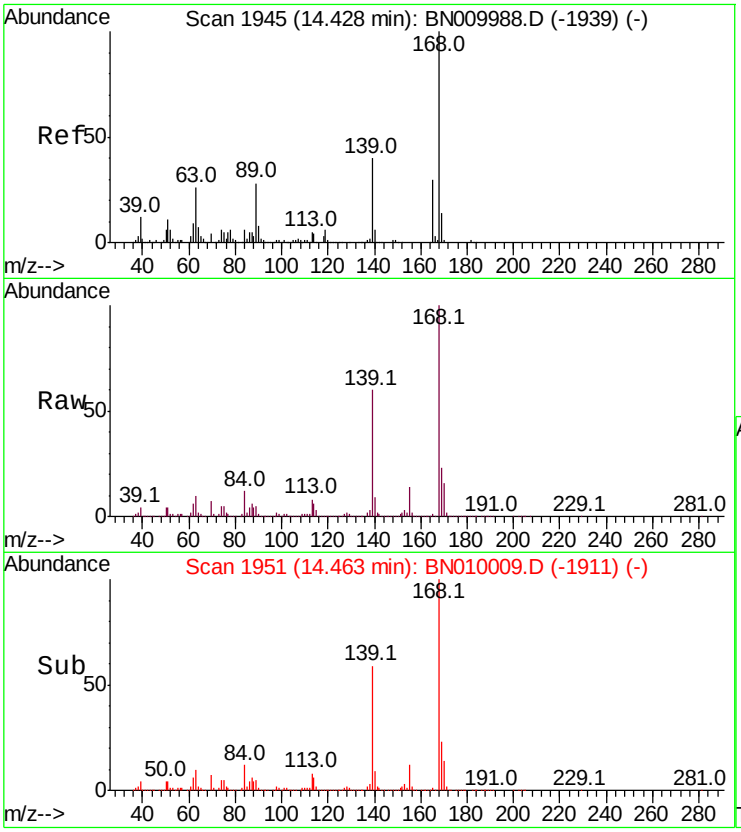


#54
Dibenzofuran
Concen: 29.902 ng/ul
RT: 14.35 min Scan# 1932
Delta R.T. -0.07 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Tgt Ion:168 Resp: 908946

Ion	Ratio	Lower	Upper
168	100		
139	8.8	32.7	49.1#



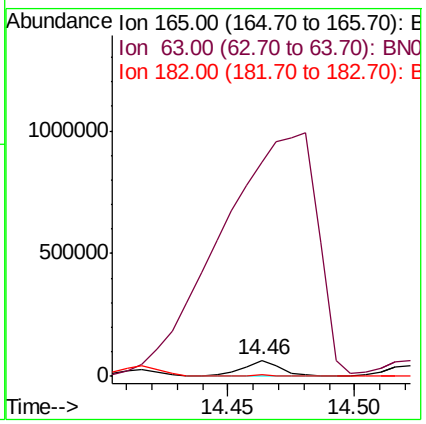


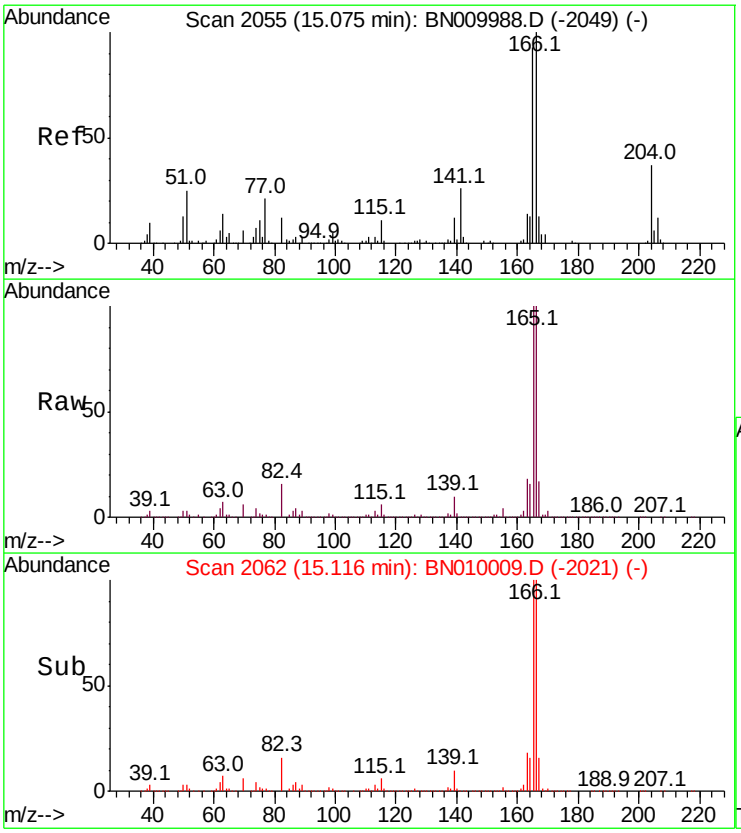
#55
2,4-Dinitrotoluene
Concen: 8.762 ng/ul
RT: 14.46 min Scan# 1951
Delta R.T. 0.04 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 65739

Ion	Ratio	Lower	Upper
165	100		
63	1359.0	68.3	102.5#
182	8.2	2.2	3.4#

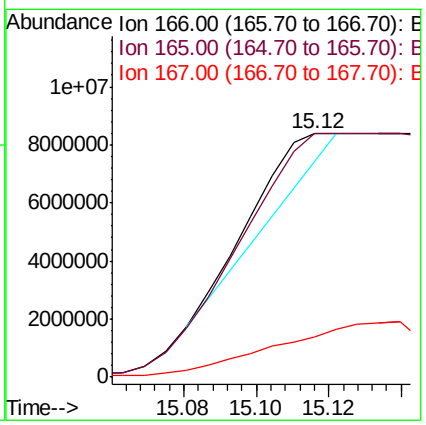


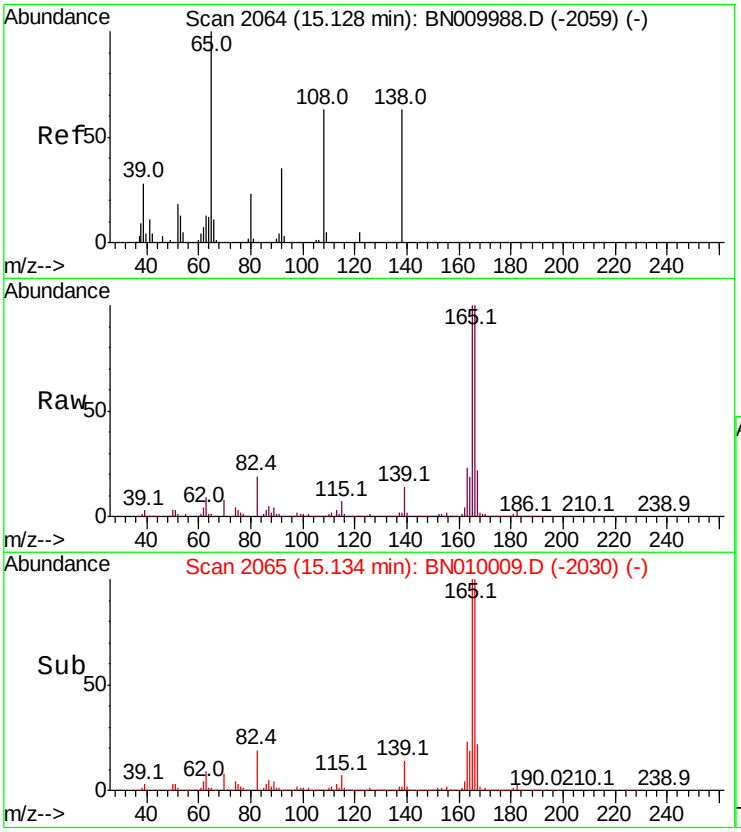


#59
Fluorene
Concen: 147.185 ng/ul
RT: 15.12 min Scan# 2062
Delta R.T. 0.04 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Tgt Ion:166 Resp: 3754730

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.8	119.8
167	16.5	10.7	16.1#



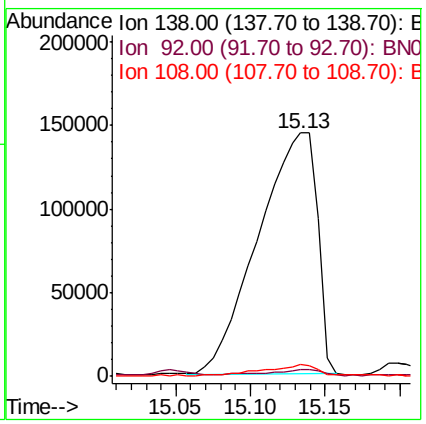


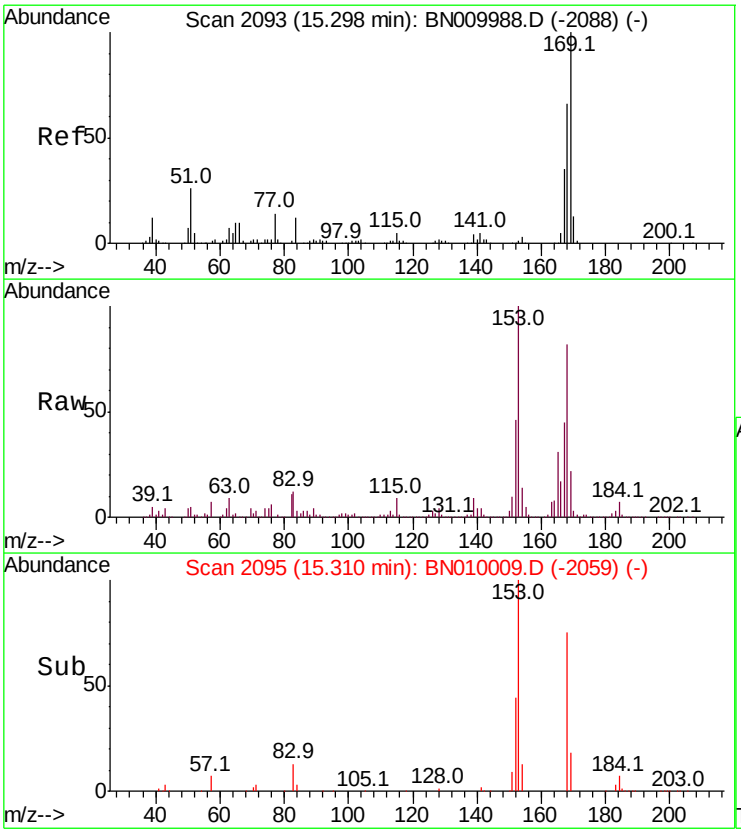
#61
4-Nitroaniline
Concen: 69.649 ng/ul
RT: 15.13 min Scan# 2065
Delta R.T. 0.01 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:138 Resp: 396958

Ion	Ratio	Lower	Upper
138	100		
92	2.9	47.8	71.6#
108	4.9	72.3	108.5#

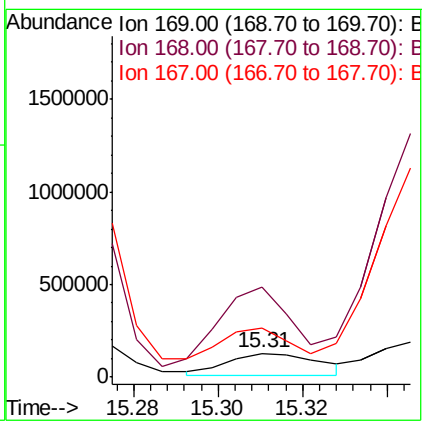


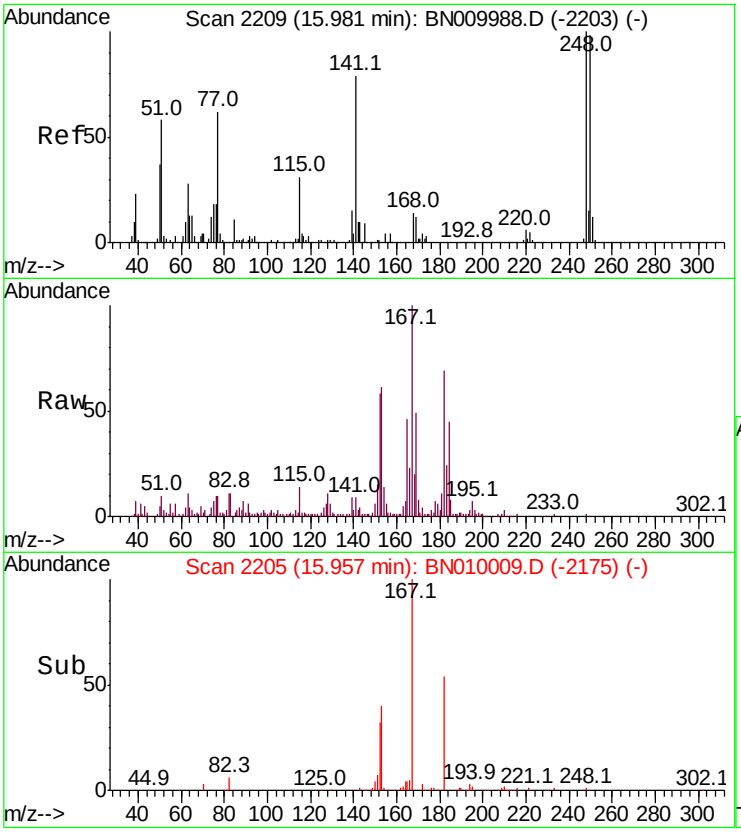


#65
N-Nitrosodiphenylamine
Concen: 44.330 ng/ul
RT: 15.31 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Tgt Ion:169 Resp: 175383

Ion	Ratio	Lower	Upper
169	100		
168	378.5	51.8	77.6#
167	206.5	27.7	41.5#



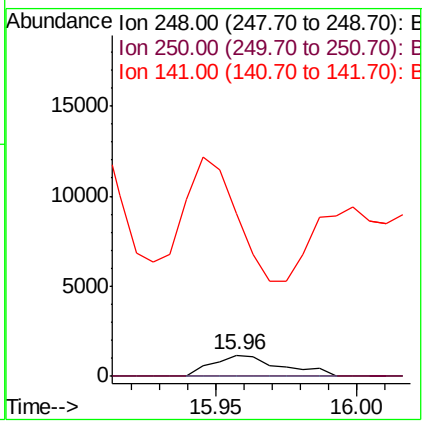


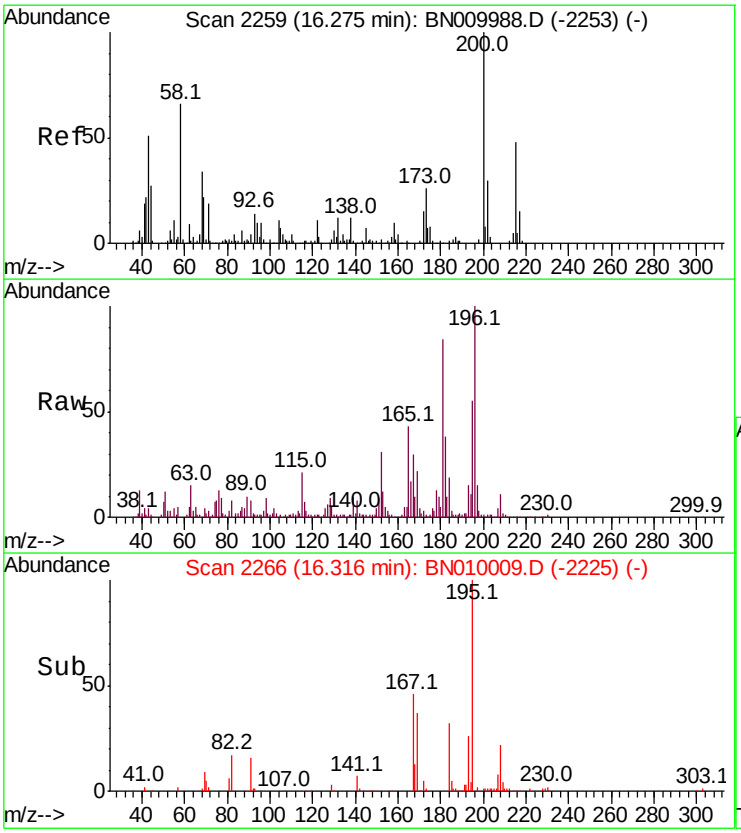
#66
4-Bromophenyl-phenylether
Concen: 1.484 ng/ul
RT: 15.96 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1980

Ion	Ratio	Lower	Upper
248	100		
250	0.0	81.4	122.0#
141	773.8	66.9	100.3#

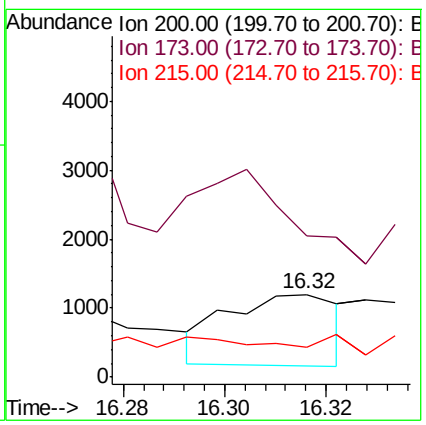


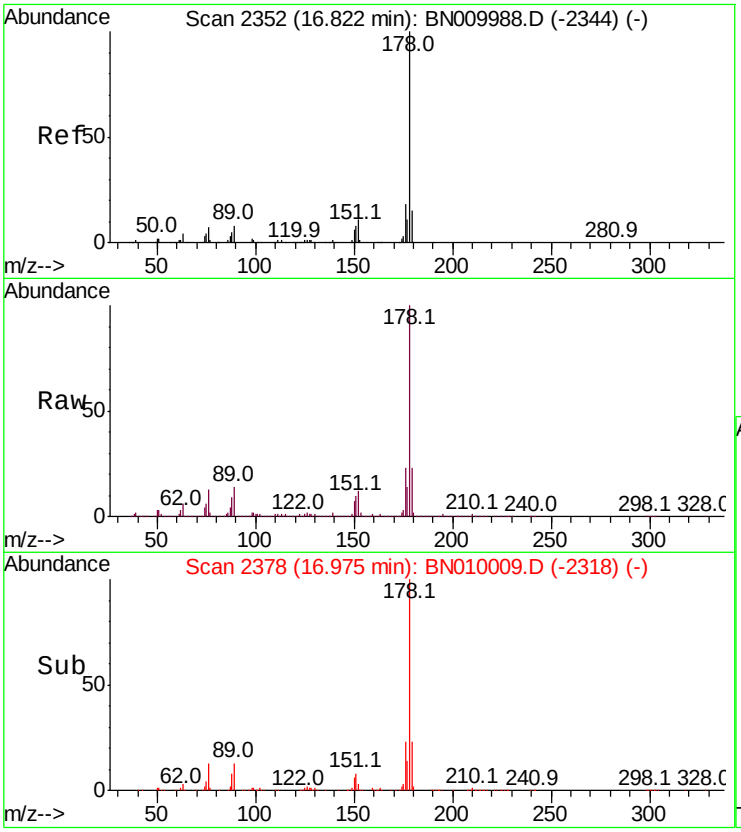


#68
Atrazine
Concen: 1.047 ng/ul
RT: 16.32 min Scan# 2266
Delta R.T. 0.04 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Tgt Ion:200 Resp: 1571

Ion	Ratio	Lower	Upper
200	100		
173	170.2	22.1	33.1#
215	36.1	41.6	62.4#



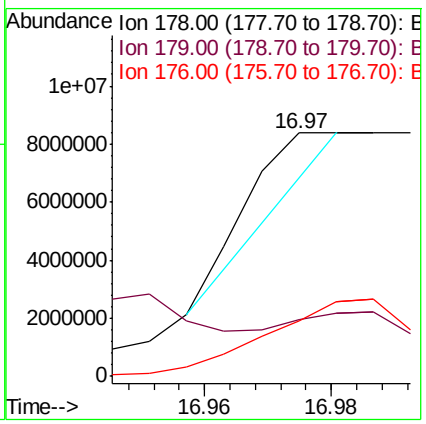


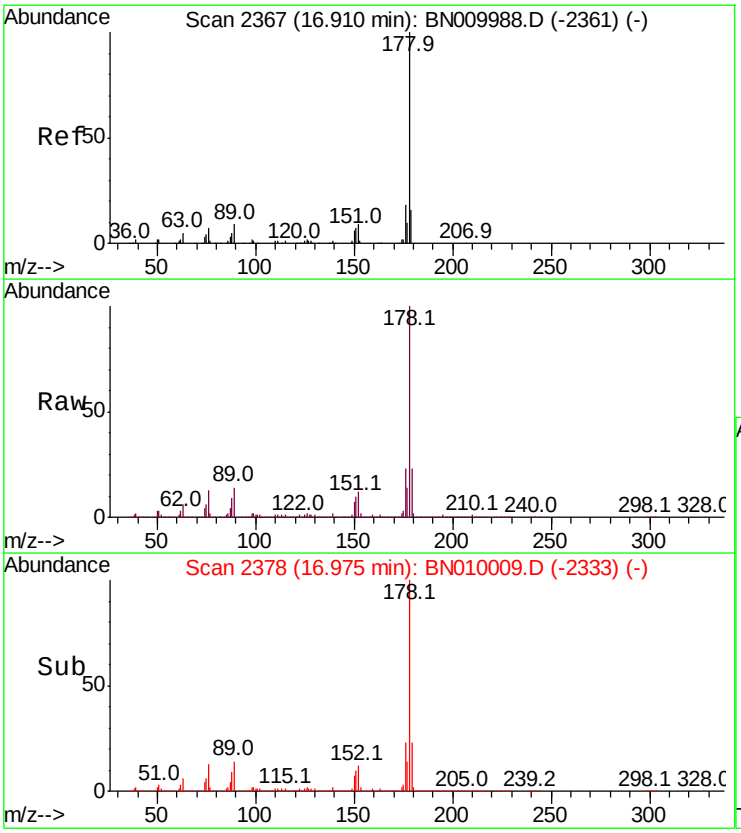
#70
Phenanthrene
Concen: 392.999 ng/ul
RT: 16.97 min Scan# 2378
Delta R.T. 0.15 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 2990616

Ion	Ratio	Lower	Upper
178	100		
179	23.1	12.5	18.7#
176	22.8	14.6	22.0#

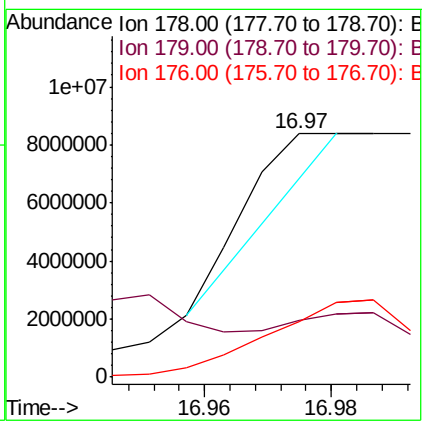


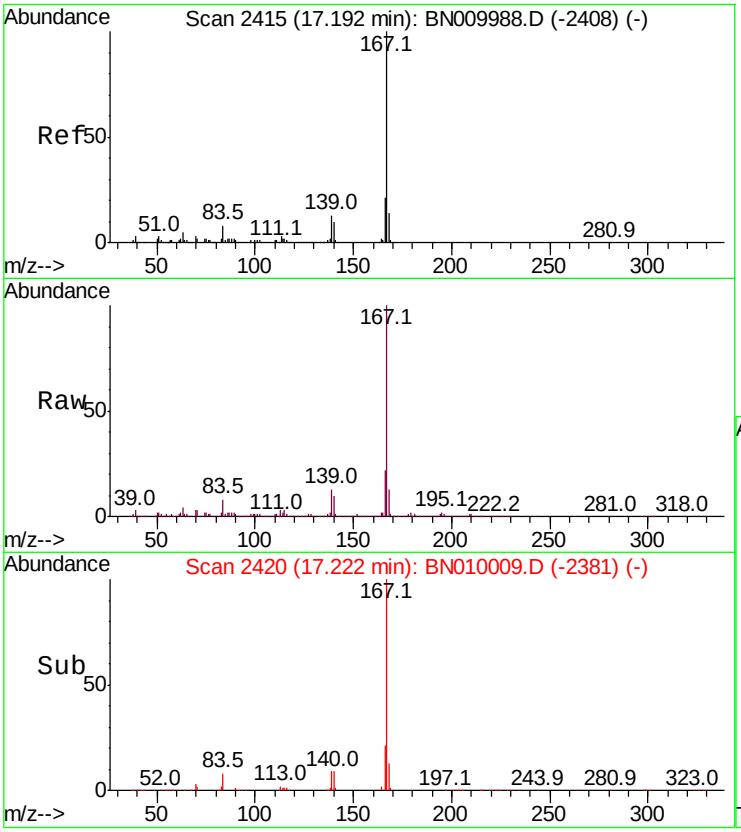


#72
Anthracene
Concen: 384.436 ng/ul
RT: 16.97 min Scan# 2378
Delta R.T. 0.06 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Tgt Ion:178 Resp: 2990616

Ion	Ratio	Lower	Upper
178	100		
179	23.1	12.2	18.2#
176	22.8	14.6	21.8#



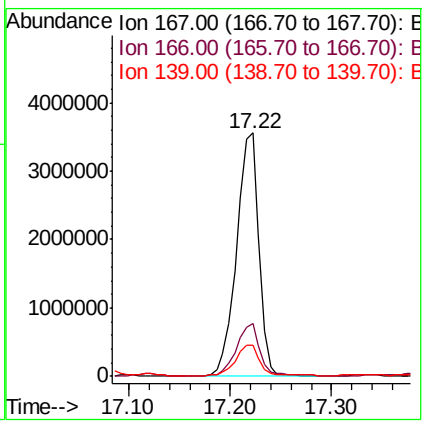


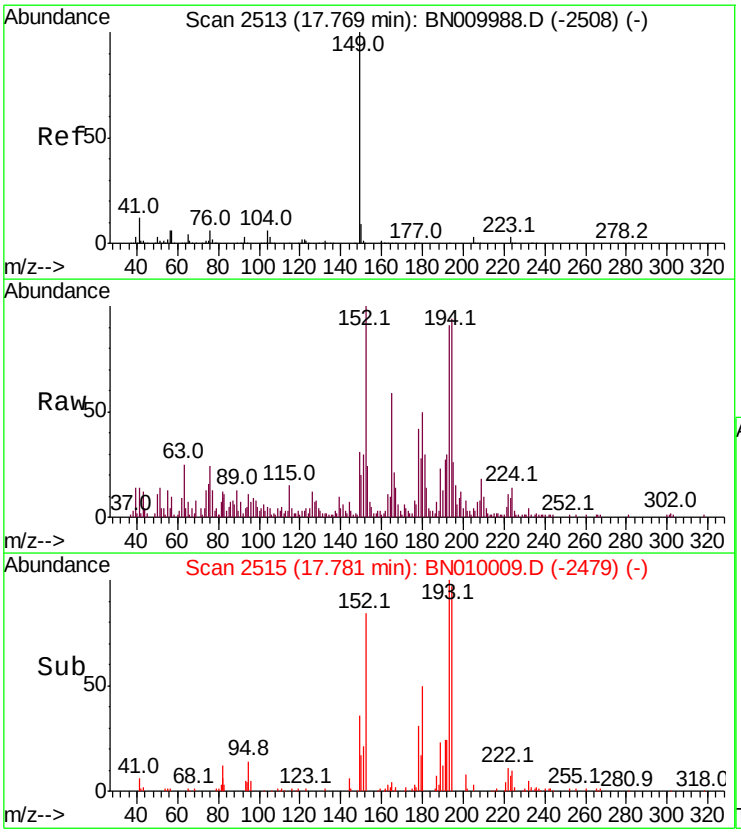
#75
Carbazole
Concen: 795.174 ng/ul
RT: 17.22 min Scan# 2420
Delta R.T. 0.03 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:167 Resp: 5447444

Ion	Ratio	Lower	Upper
167	100		
166	21.6	16.6	24.8
139	12.6	9.9	14.9

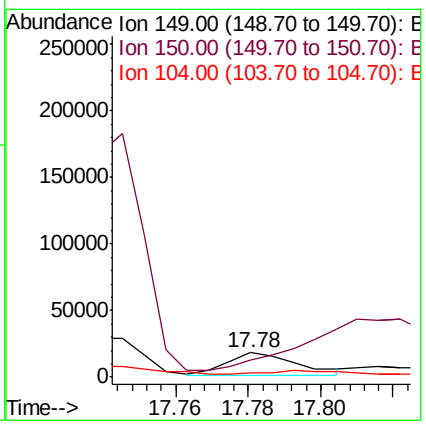


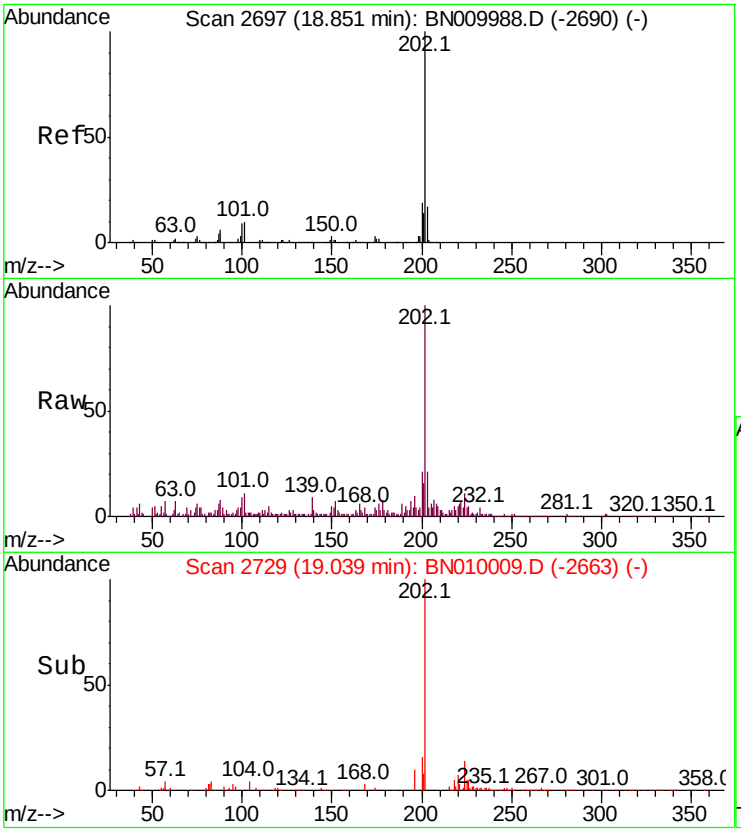


#76
Di-n-butylphthalate
Concen: 2.752 ng/ul
RT: 17.78 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Tgt Ion:149 Resp: 23267

Ion	Ratio	Lower	Upper
149	100		
150	66.8	7.0	10.6#
104	17.5	4.3	6.5#



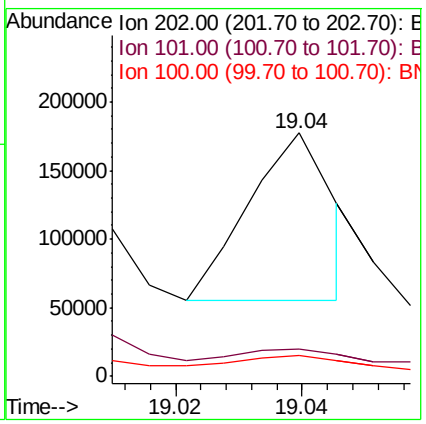


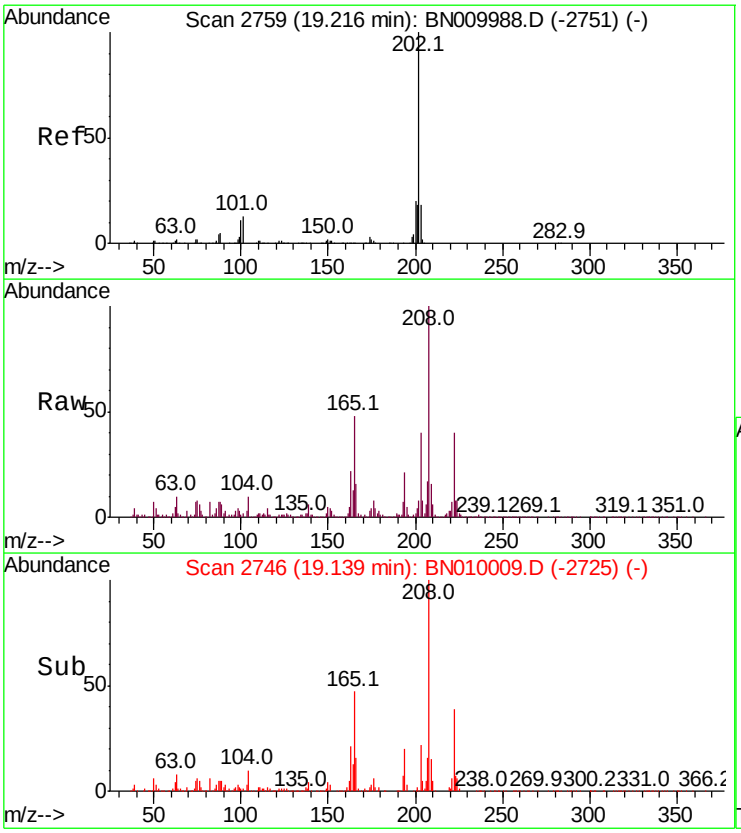
#77
Fluoranthene
Concen: 12.699 ng/ul
RT: 19.04 min Scan# 2729
Delta R.T. 0.19 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 113194

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.4	14.2
100	8.6	7.2	10.8

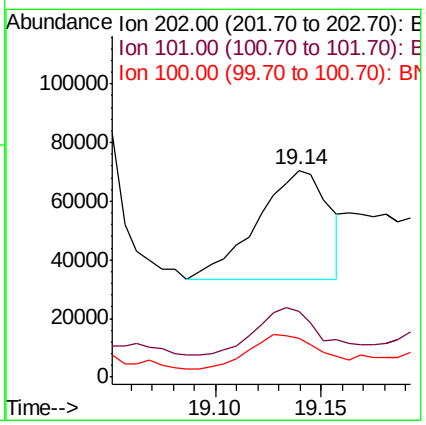


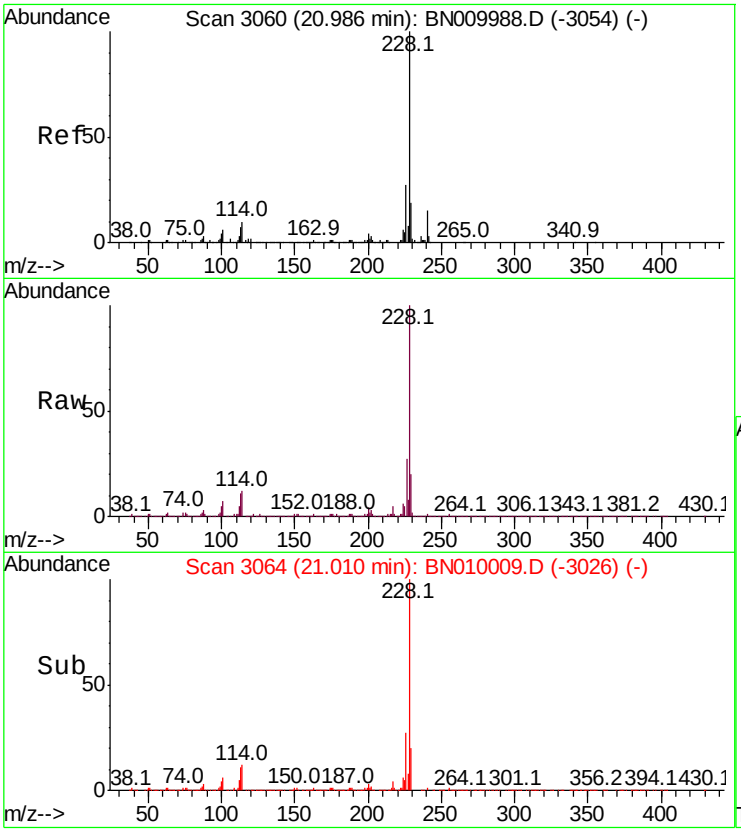


#80
Pyrene
Concen: 2.062 ng/ul
RT: 19.14 min Scan# 2746
Delta R.T. -0.08 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Tgt Ion:202 Resp: 87834

Ion	Ratio	Lower	Upper
202	100		
101	32.0	11.3	16.9#
100	18.8	9.0	13.6#



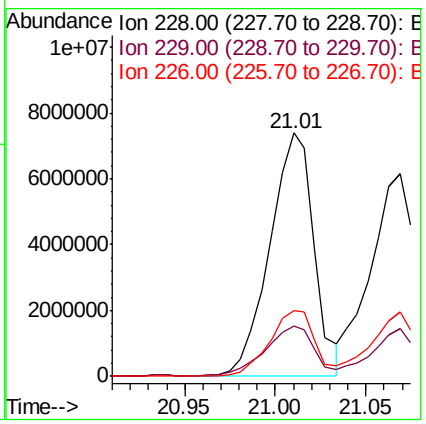


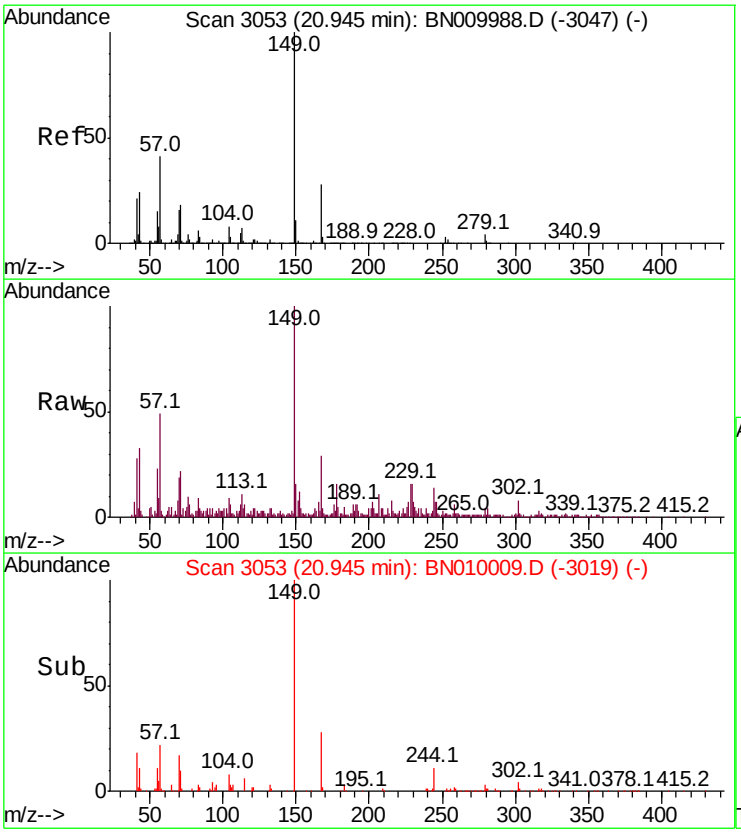
#83
Benzo(a)anthracene
Concen: 307.855 ng/ul
RT: 21.01 min Scan# 3064
Delta R.T. 0.02 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp:12500121

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.0	22.4
226	26.8	21.4	32.2

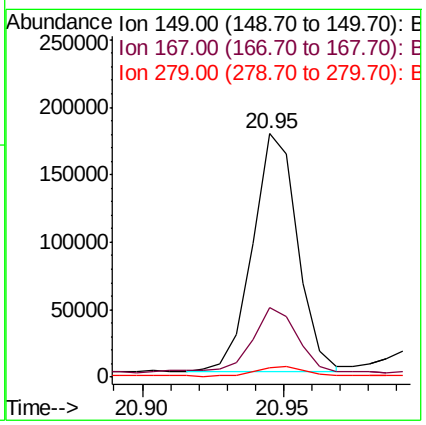


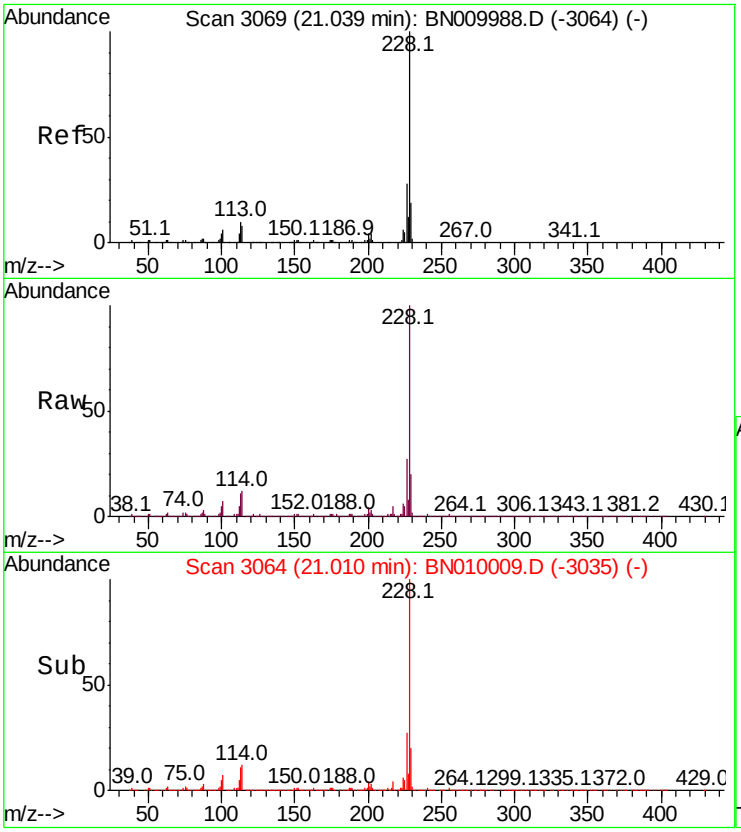


#84
Bis(2-ethylhexyl)phthalate
Concen: 7.328 ng/ul
RT: 20.95 min Scan# 3053
Delta R.T. 0.00 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Tgt Ion:149 Resp: 195911

Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.0	31.6
279	3.8	3.0	4.6



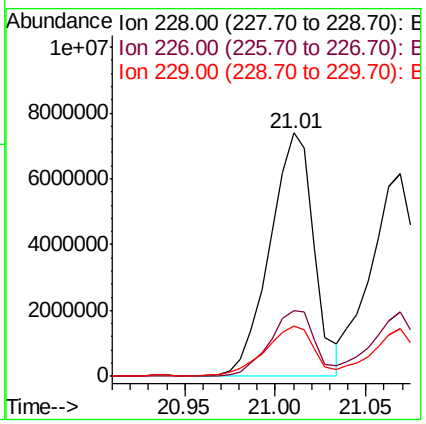


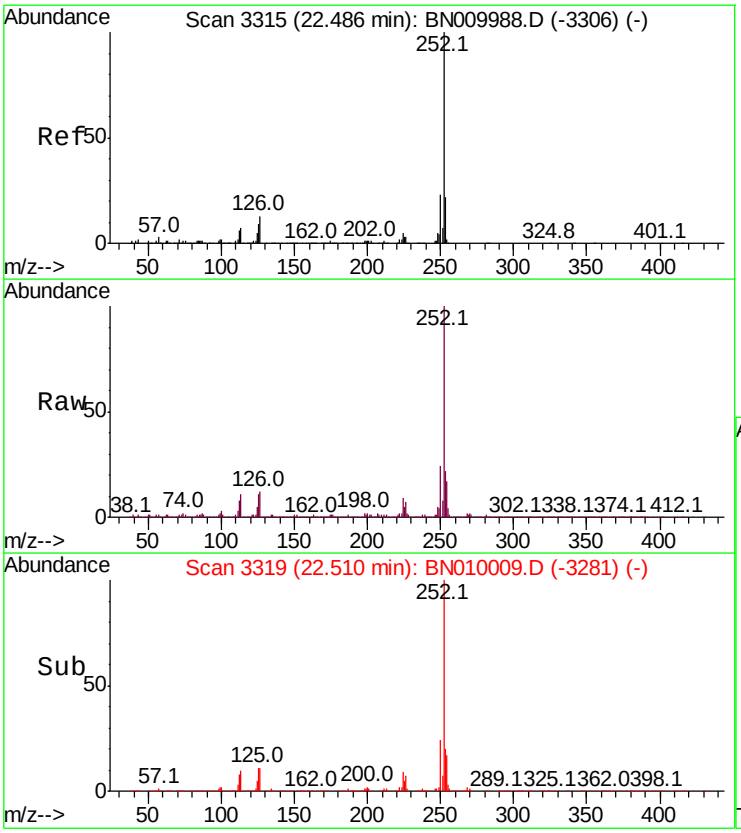
#85
Chrysene
Concen: 312.706 ng/ul
RT: 21.01 min Scan# 3064
Delta R.T. -0.03 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp:12500121

Ion	Ratio	Lower	Upper
228	100		
226	26.8	23.4	35.2
229	20.4	15.0	22.4

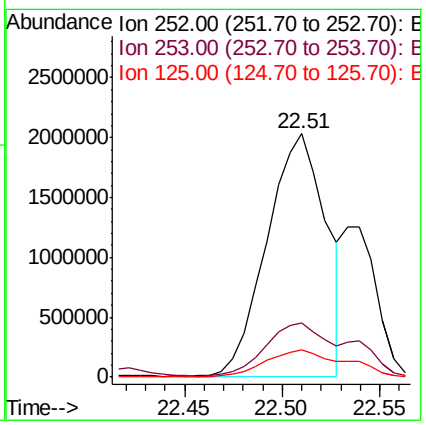


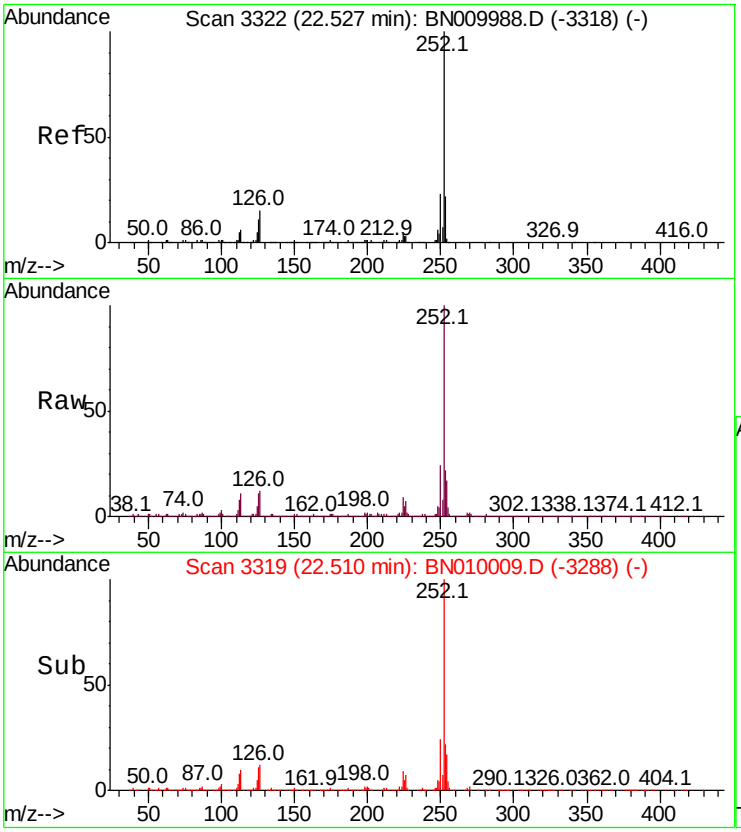


#88
Benzo(b)fluoranthene
Concen: 105.199 ng/ul
RT: 22.51 min Scan# 3319
Delta R.T. 0.02 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Tgt Ion:252 Resp: 4249107

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	11.1	8.0	12.0



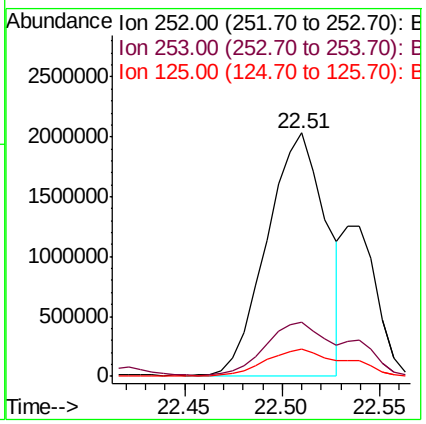


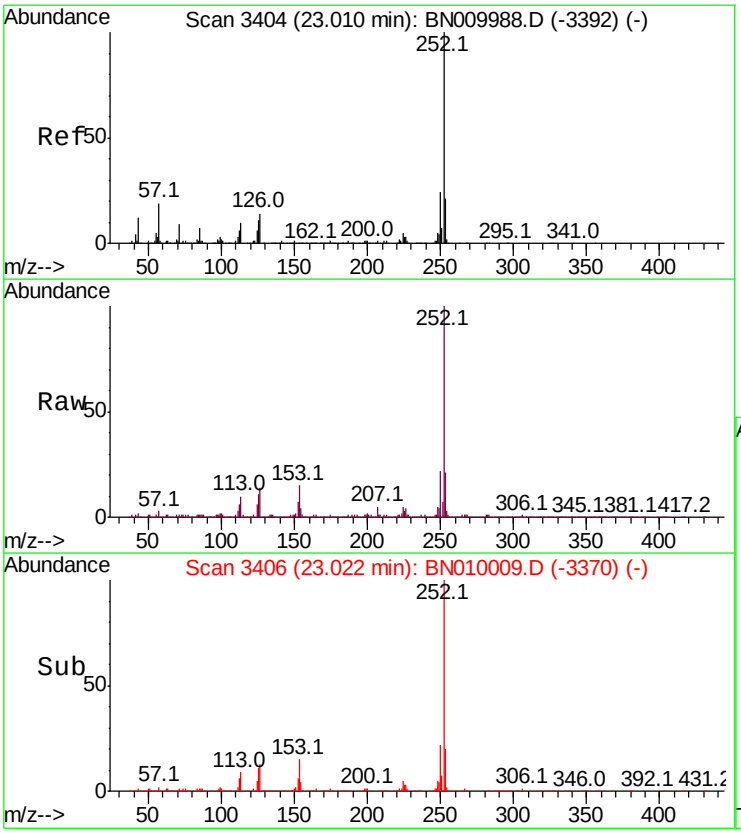
#89
Benzo(k)fluoranthene
Concen: 111.101 ng/ul
RT: 22.51 min Scan# 3319
Delta R.T. -0.02 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 4249107

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	11.1	8.2	12.2

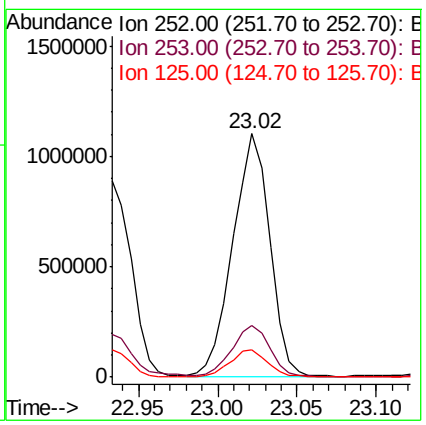


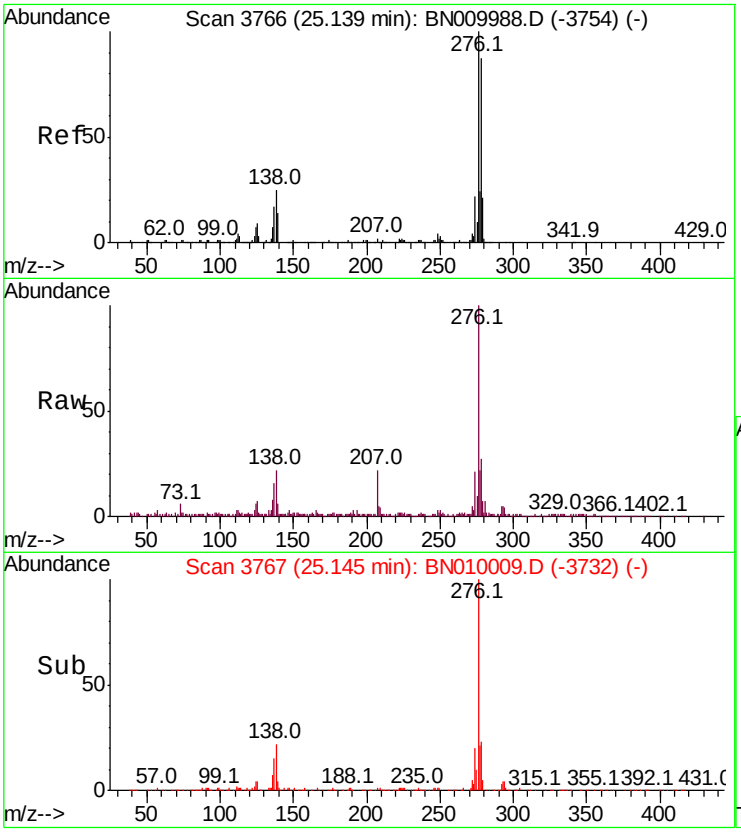


#91
Benzo(a)pyrene
Concen: 48.825 ng/ul
RT: 23.02 min Scan# 3406
Delta R.T. 0.01 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Tgt Ion:252 Resp: 1773734

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.0
125	11.0	9.0	13.6



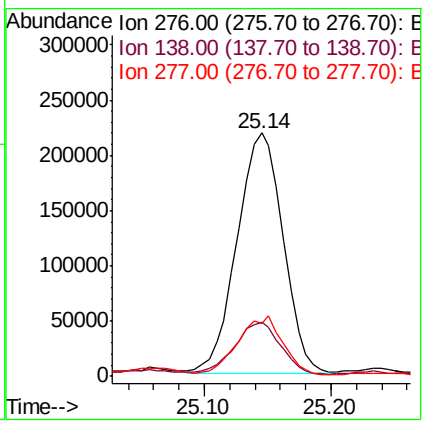


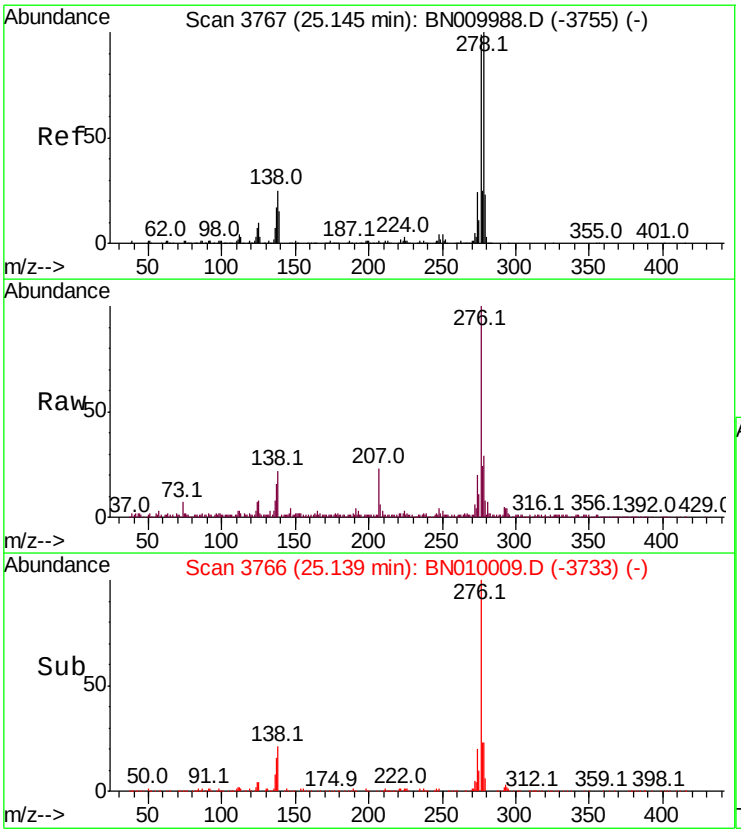
#92
Indeno(1,2,3-cd)pyrene
Concen: 12.749 ng/ul
RT: 25.14 min Scan# 3767
Delta R.T. 0.01 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 549877

Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.9	31.3
277	21.5	18.2	27.4

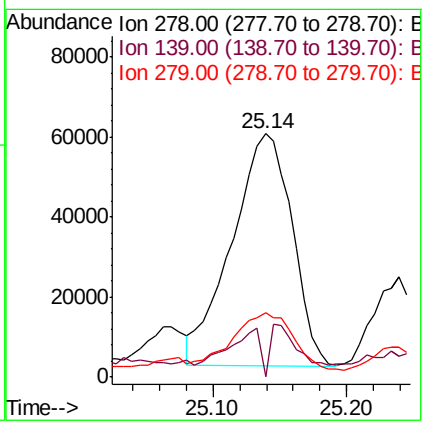


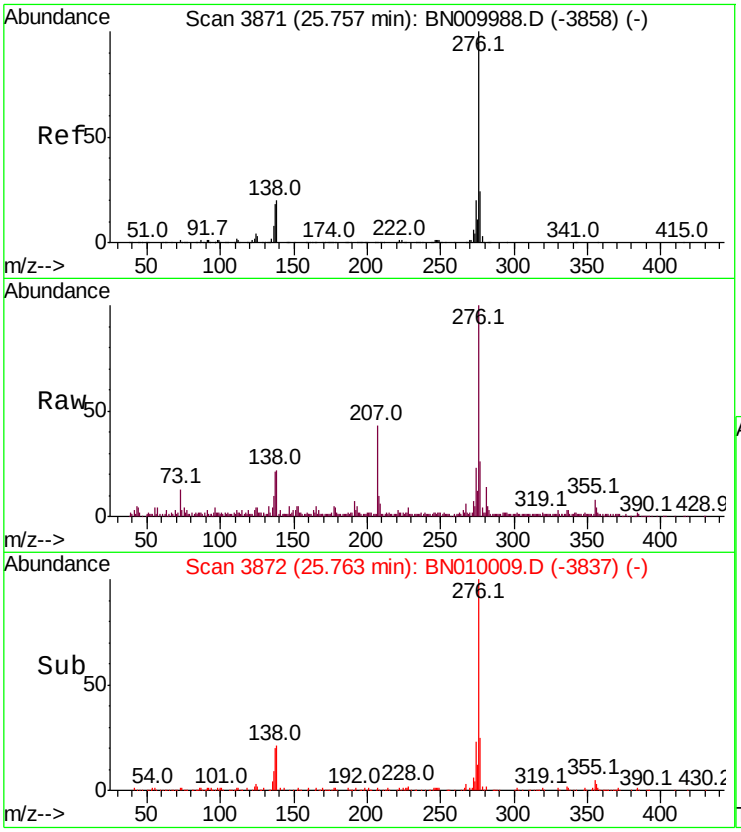


#93
Dibenzo(a,h)anthracene
Concen: 4.940 ng/ul
RT: 25.14 min Scan# 3766
Delta R.T. -0.01 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Tgt Ion:278 Resp: 182280

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.0	19.4#
279	26.6	17.5	26.3#





#94
Benzo(g,h,i)perylene
Concen: 8.953 ng/ul
RT: 25.76 min Scan# 3872
Delta R.T. 0.01 min
Lab File: BN010009.D
Acq: 29 Feb 2020 05:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 323792

Ion	Ratio	Lower	Upper
276	100		
138	21.8	17.5	26.3
277	25.8	18.1	27.1