Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112520\
Data File : BN012738.D
Acq On : 25 Nov 2020 19:06
Operator : CG/JU
Sample : PB133233BL
Misc : MDL-WATER-BL-01
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SBLK233

Quant Time: Nov 26 01:29:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN112520.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 18:19:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	119478	20.00	ng/ul	0.00
20) Naphthalene-d8	10.19	136	487639	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.08	164	312516	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.84	188	681755	20.00	ng/ul	0.00
79) Chrysene-d12	21.06	240	665549	20.00	ng/ul	0.00
88) Perylene-d12	23.17	264	778875	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	23357	7.04	ng/uL	0.00
4) Pyridine-d5	3.36	84	331674	36.99	ng/ul	0.00
7) Phenol-d5	6.61	99	396604	37.08	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.78	67	249490	37.40	ng/ul	0.00
11) 2-Chlorophenol-d4	6.96	132	319270	37.97	ng/ul	0.00
15) 4-Methylphenol-d8	8.13	113	321573	36.91	ng/ul	0.00
21) Nitrobenzene-d5	8.58	128	154822	39.68	ng/ul	0.00
24) 2-Nitrophenol-d4	9.29	143	179319	41.63	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.82	165	296718	36.26	ng/ul	0.00
31) 4-Chloroaniline-d4	10.34	131	426807	37.29	ng/ul	0.00
46) Dimethylphthalate-d6	13.50	166	1036090	40.77	ng/ul	0.00
49) Acenaphthylene-d8	13.77	160	1138541	38.40	ng/ul	0.00
54) 4-Nitrophenol-d4	14.30	143	155059	34.49	ng/ul	0.00
60) Fluorene-d10	15.09	176	853517	39.78	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.22	200	153719	32.98	ng/ul	0.00
73) Anthracene-d10	16.93	188	1312373	38.52	ng/ul	0.00
81) Pyrene-d10	19.25	212	1477714	44.54	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.04	264	1653566	39.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.99	88	268	0.078	ng/uL#	22
6) Benzaldehyde	6.61	77	1074	0.224	ng/ul#	4
10) Bis(2-Chloroethyl)ether	6.96	93	526	0.059	ng/ul#	1
14) 2,2'-oxybis(1-Chloropropan	8.13	45	2936	0.235	ng/ul#	77
17) N-Nitroso-di-n-propylamine	8.13	70	8720	1.163	ng/ul#	1
22) Nitrobenzene	8.58	77	1981	0.175	ng/ul#	45
23) Isophorone	9.02	82	245	0.012	ng/ul#	68
30) Naphthalene	10.33	128	107	0.004	ng/ul#	1
47) Dimethylphthalate	13.52	163	118	0.005	ng/ul#	1
48) 2,6-Dinitrotoluene	13.52	165	2915	0.566	ng/ul#	29
61) Fluorene	15.08	166	1843	0.071	ng/ul#	12
63) 4-Nitroaniline	15.22	138	429	0.101	ng/ul#	1
66) 4,6-Dinitro-2-methylphenol	15.23	198	468	0.093	ng/ul#	1
67) N-Nitrosodiphenylamine	15.23	169	878	0.041	ng/ul#	26
72) Phenanthrene	16.89	178	421	0.010	ng/ul#	61
74) Anthracene	16.94	178	286	0.007	ng/ul#	1
77) Carbazole	17.26	167	468	0.013	ng/ul#	58
78) Di-n-butylphthalate	17.83	149	1000	0.021	ng/ul#	78
80) Fluoranthene	18.92	202	932	0.021	ng/ul#	74
82) Pyrene	19.27	202	1378	0.030	ng/ul#	1
83) Butylbenzylphthalate	20.20	149	241	0.012	ng/ul#	90
84) 3,3'-Dichlorobenzidine	20.99	252	265	0.017	ng/ul#	27

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112520\
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Acq On : 25 Nov 2020 19:06
Operator : CG/JU
Sample : PB133233BL
Misc : MDL-WATER-BL-01
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SBLK233

Quant Time: Nov 26 01:29:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN112520.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 18:19:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Benzo(a)anthracene	21.03	228	130	0.003	ng/ul#	51
86) Bis(2-ethylhexyl)phthalate	21.00	149	550	0.017	ng/ul#	54
87) Chrysene	21.09	228	394	0.009	ng/ul#	50
89) Di-n-octyl phthalate	21.85	149	1344	0.022	ng/ul	100
90) Benzo(b)fluoranthene	22.55	252	356	0.007	ng/ul#	1
91) Benzo(k)fluoranthene	22.59	252	759	0.015	ng/ul#	1
93) Benzo(a)pyrene	23.08	252	694	0.015	ng/ul#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112520\
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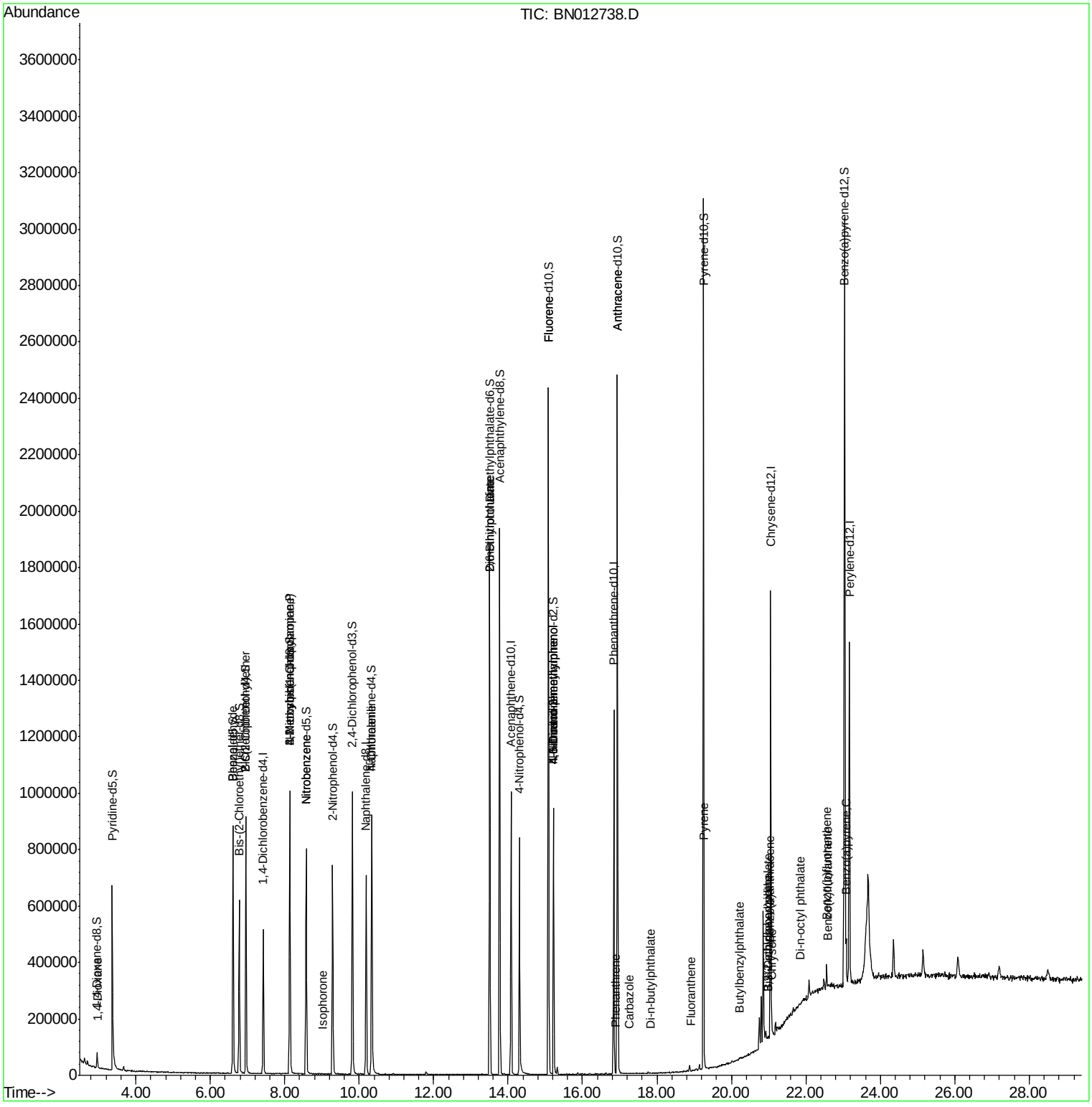
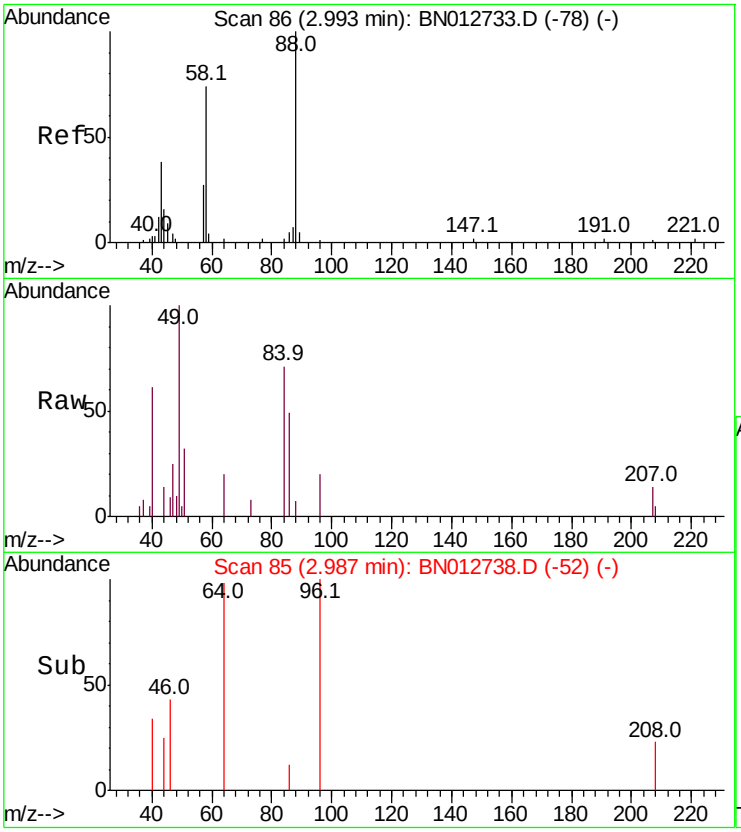
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 18:19:04 2020
Response via : Initial Calibration



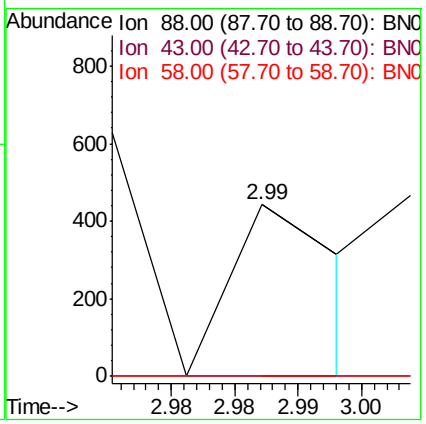


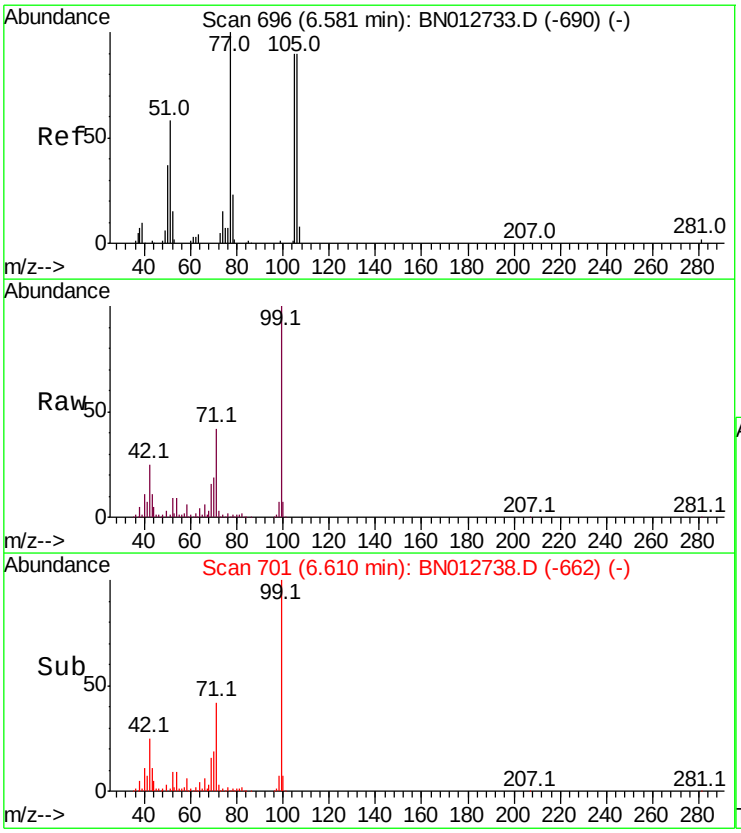
#2
1,4-Dioxane
Concen: 0.078 ng/uL
RT: 2.99 min Scan# 85
Delta R.T. -0.00 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Instrument :
BNA_N
ClientSampleId :
SBLK233

Tgt Ion: 88 Resp: 268

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.4	44.0#
58	0.0	58.2	87.4#

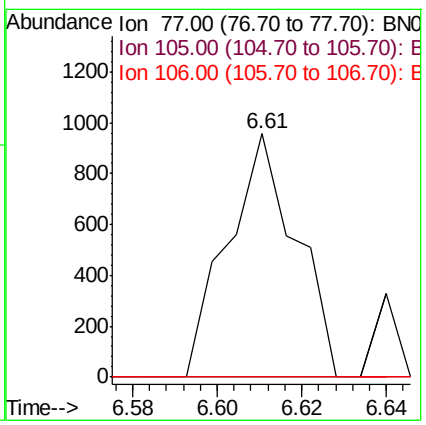


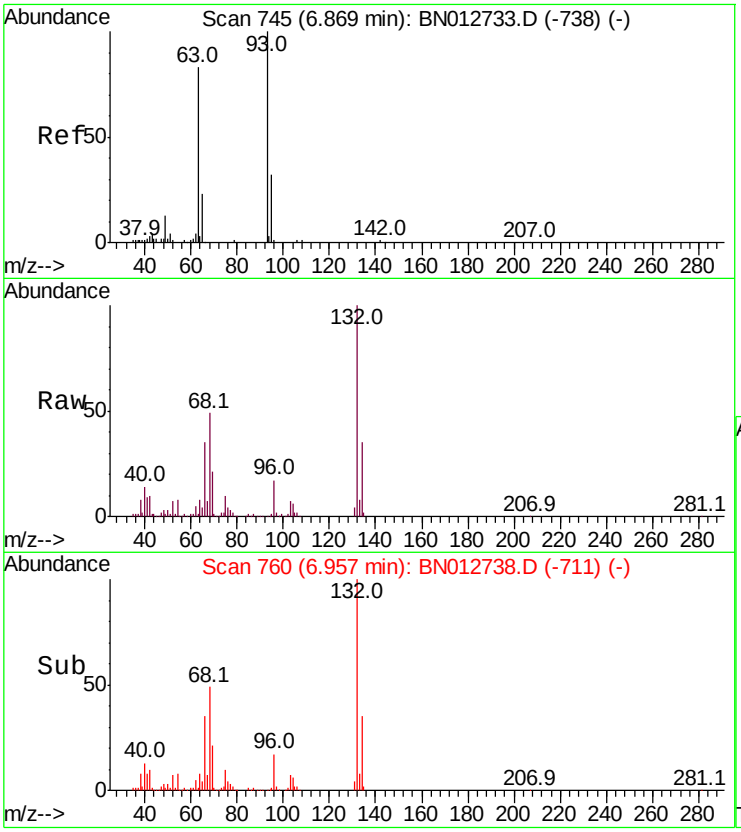


#6
Benzaldehyde
Concen: 0.224 ng/ul
RT: 6.61 min Scan# 701
Delta R.T. 0.03 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Tgt Ion: 77 Resp: 1074

Ion	Ratio	Lower	Upper
77	100		
105	0.0	72.3	108.5#
106	0.0	71.8	107.6#



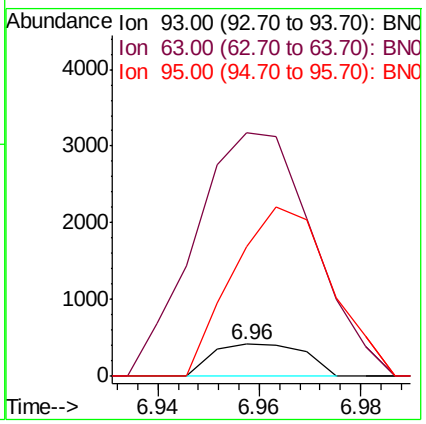


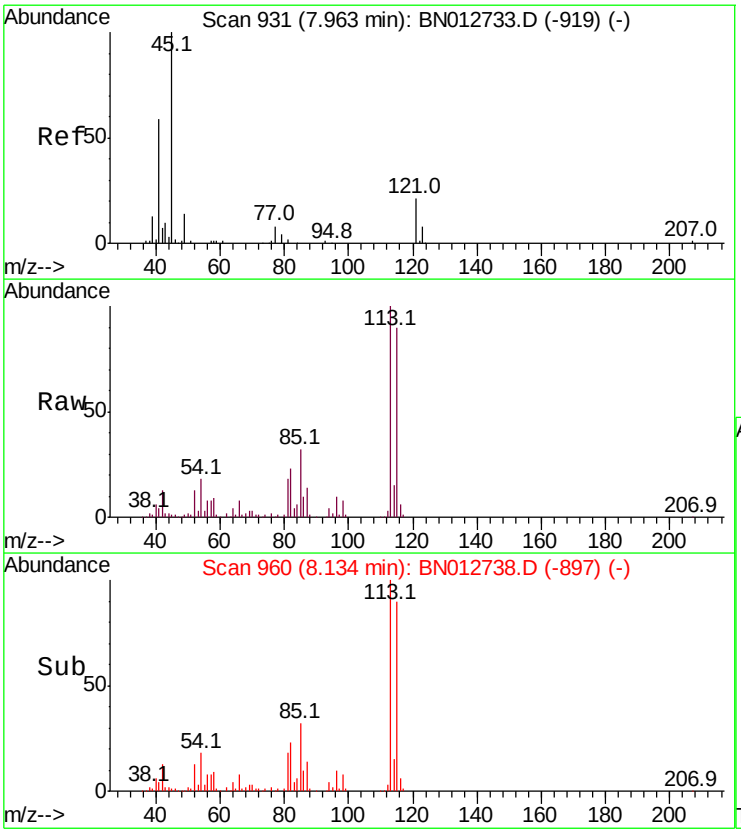
#10
Bis(2-Chloroethyl)ether
Concen: 0.059 ng/ul
RT: 6.96 min Scan# 760
Delta R.T. 0.09 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Instrument :
BNA_N
ClientSampleId :
SBLK233

Tgt Ion: 93 Resp: 526

Ion	Ratio	Lower	Upper
93	100		
63	762.7	66.2	99.2#
95	407.9	25.9	38.9#

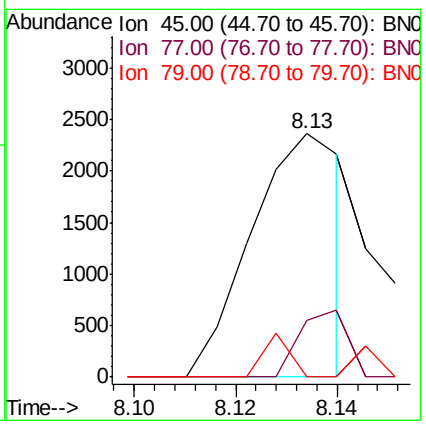


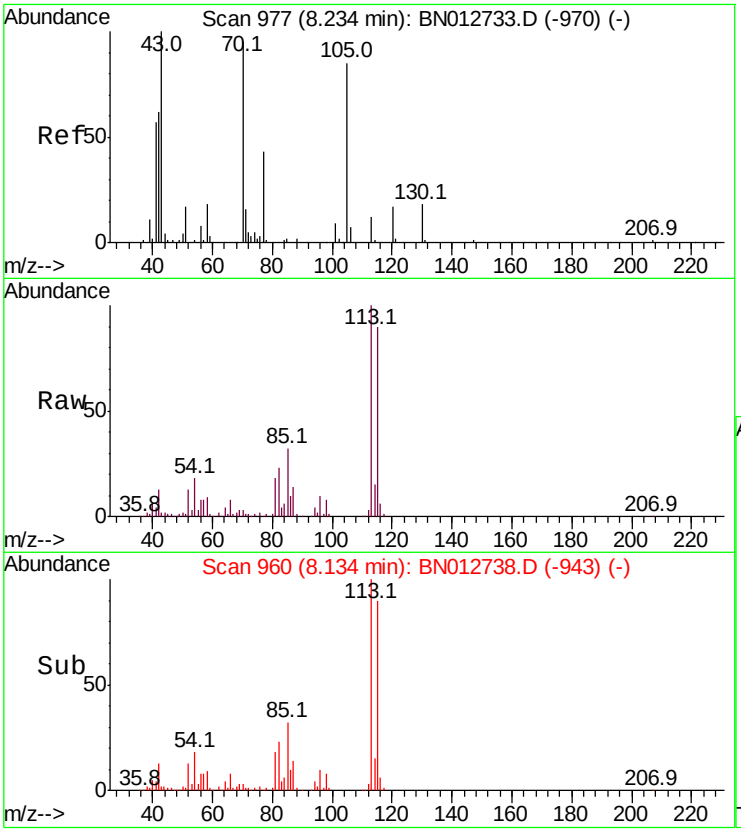


#14
2,2'-oxybis(1-Chloropropane)
Concen: 0.235 ng/ul
RT: 8.13 min Scan# 960
Delta R.T. 0.17 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Tgt Ion: 45 Resp: 2936

Ion	Ratio	Lower	Upper
45	100		
77	23.4	13.1	19.7#
79	0.0	9.8	14.6#



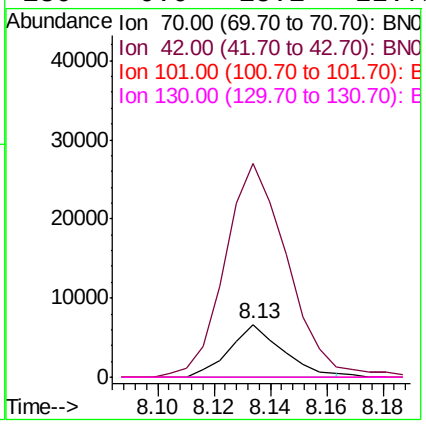


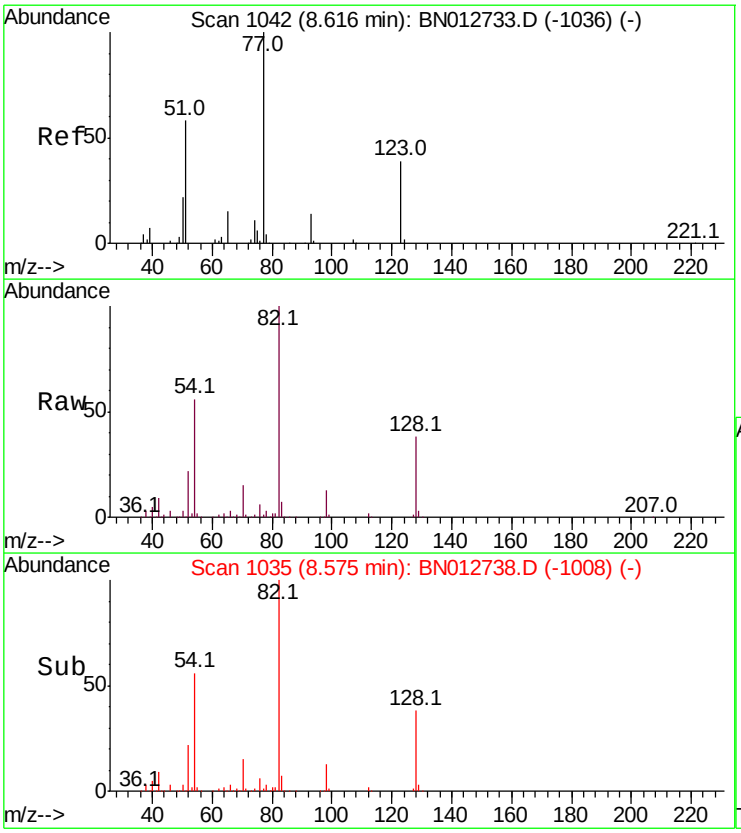
#17
N-Nitroso-di-n-propylamine
Concen: 1.163 ng/ul
RT: 8.13 min Scan# 960
Delta R.T. -0.10 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Instrument :
BNA_N
ClientSampleId :
SBLK233

Tgt Ion: 70 Resp: 8720

Ion	Ratio	Lower	Upper
70	100		
42	404.7	53.7	80.5#
101	0.0	7.7	11.5#
130	0.0	15.1	22.7#

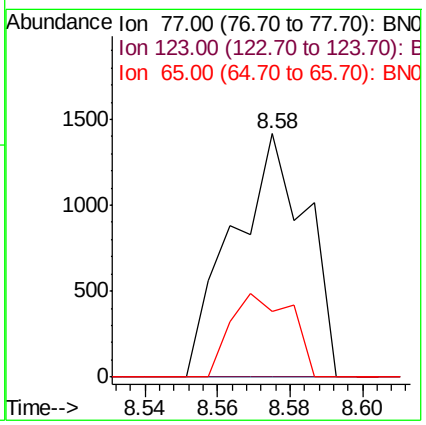


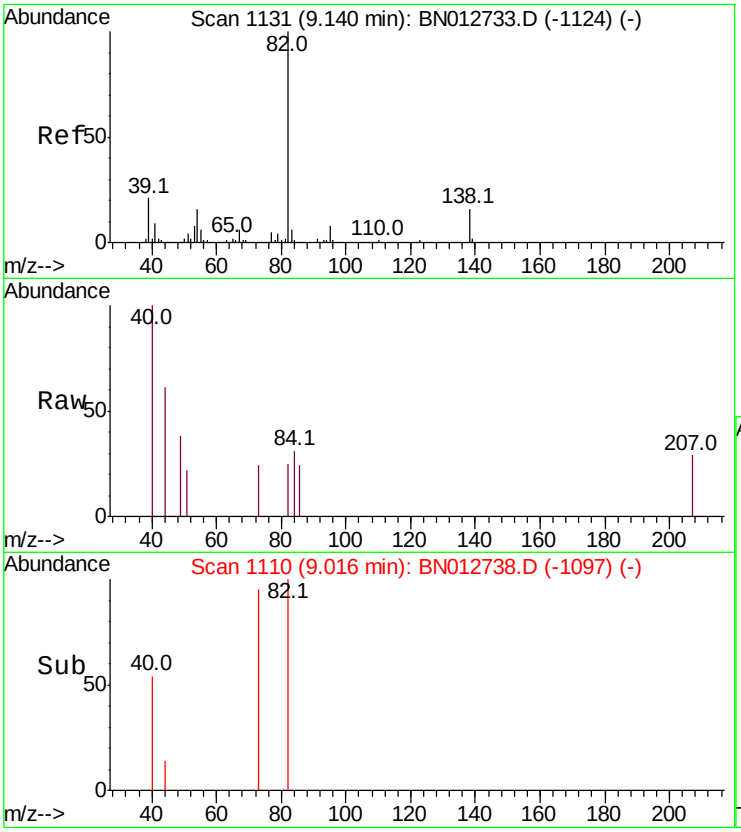


#22
Nitrobenzene
Concen: 0.175 ng/ul
RT: 8.58 min Scan# 1035
Delta R.T. -0.04 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Tgt Ion: 77 Resp: 1981

Ion	Ratio	Lower	Upper
77	100		
123	0.0	31.3	46.9#
65	26.7	11.7	17.5#



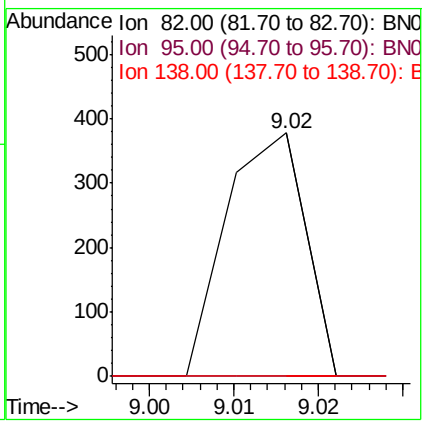


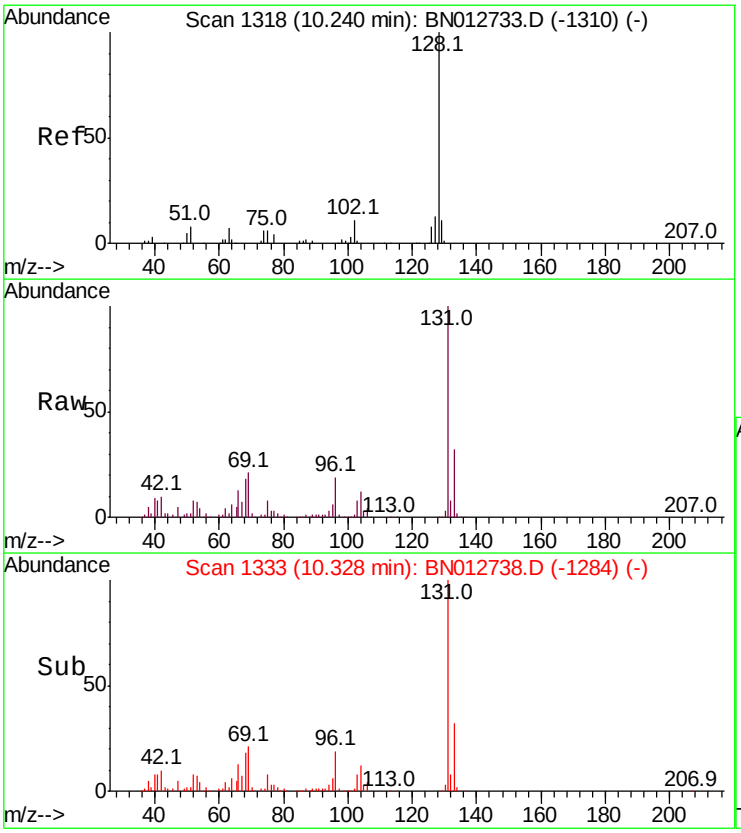
#23
Isophorone
Concen: 0.012 ng/ul
RT: 9.02 min Scan# 1110
Delta R.T. -0.12 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Instrument :
BNA_N
ClientSampleId :
SBLK233

Tgt Ion: 82 Resp: 245

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	12.6	19.0#

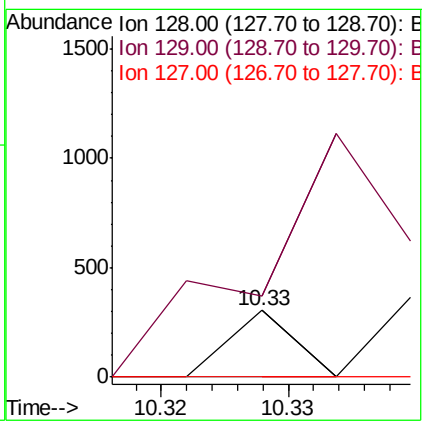


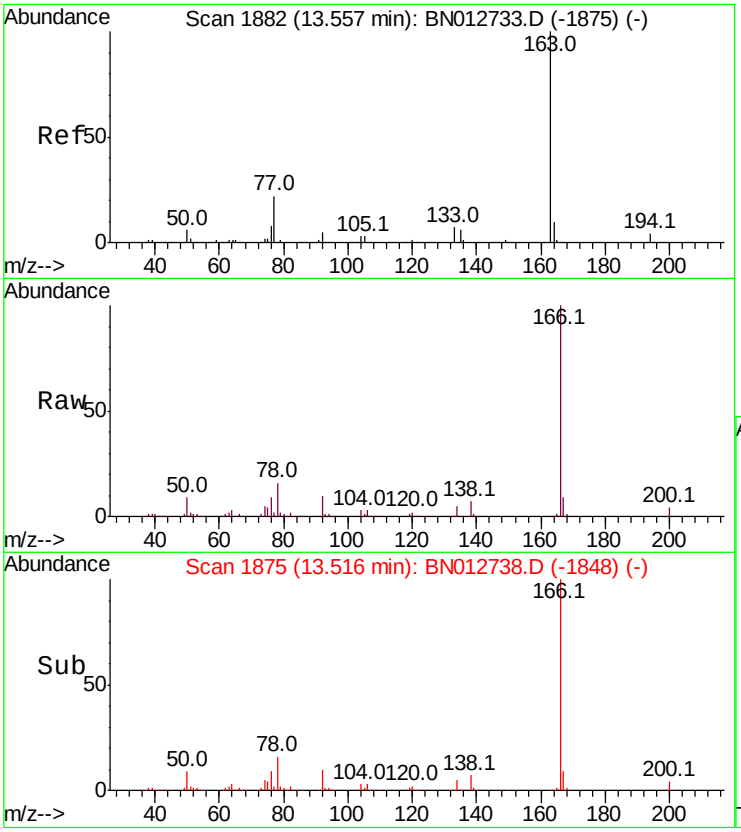


#30
Naphthalene
Concen: 0.004 ng/ul
RT: 10.33 min Scan# 1333
Delta R.T. 0.09 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Tgt Ion:128 Resp: 107

Ion	Ratio	Lower	Upper
128	100		
129	122.0	9.0	13.6#
127	0.0	10.5	15.7#



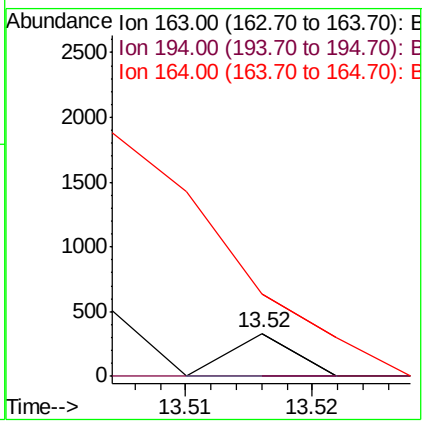


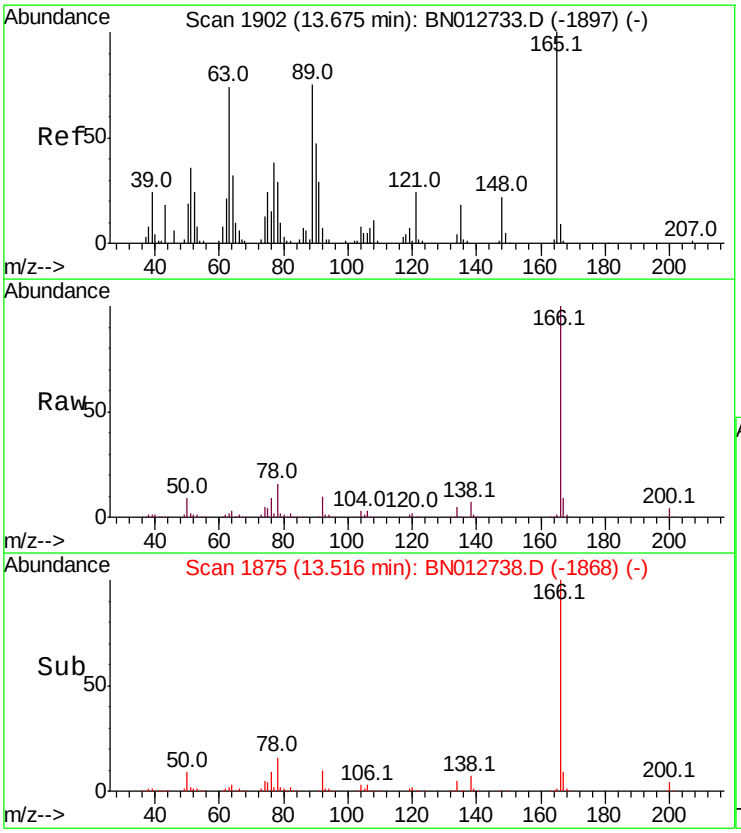
#47
Dimethylphthalate
Concen: 0.005 ng/ul
RT: 13.52 min Scan# 1875
Delta R.T. -0.04 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Instrument :
BNA_N
ClientSampleId :
SBLK233

Tgt Ion:163 Resp: 118

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.1	4.7#
164	190.1	7.8	11.6#

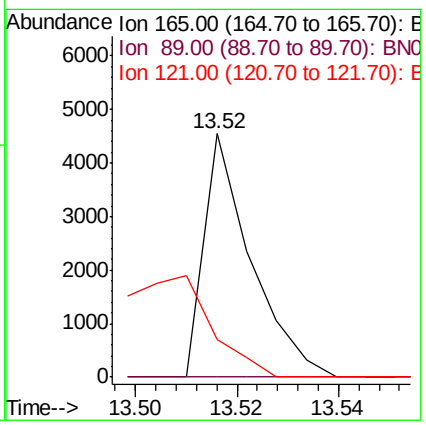


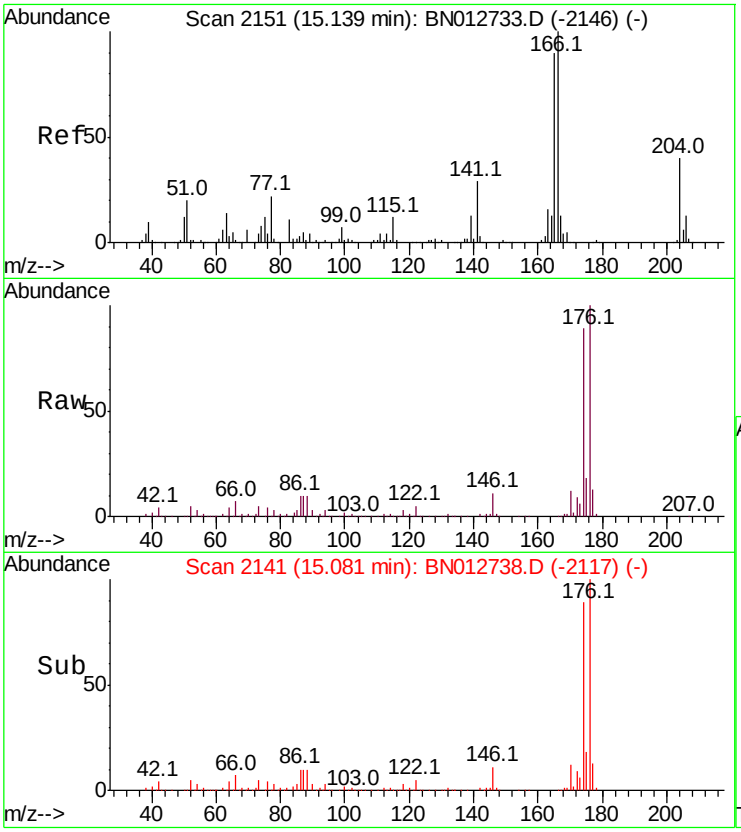


#48
2,6-Dinitrotoluene
Concen: 0.566 ng/ul
RT: 13.52 min Scan# 1875
Delta R.T. -0.16 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Tgt Ion:165 Resp: 2915

Ion	Ratio	Lower	Upper
165	100		
89	0.0	60.0	90.0#
121	15.4	19.1	28.7#



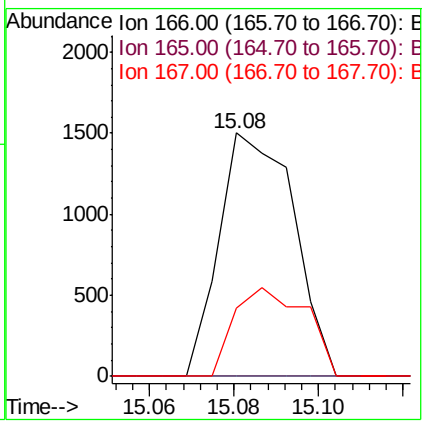


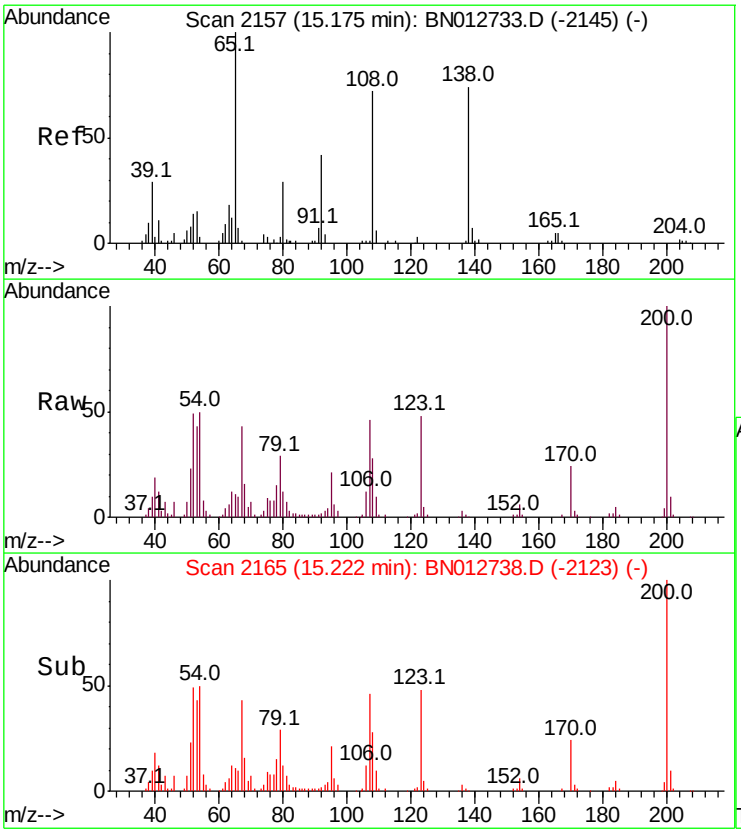
#61
Fluorene
Concen: 0.071 ng/ul
RT: 15.08 min Scan# 2141
Delta R.T. -0.06 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Instrument :
BNA_N
ClientSampleId :
SBLK233

Tgt Ion:166 Resp: 1843

Ion	Ratio	Lower	Upper
166	100		
165	0.0	71.8	107.8#
167	27.9	10.2	15.2#

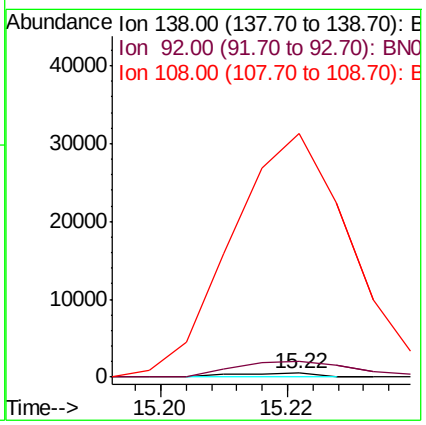


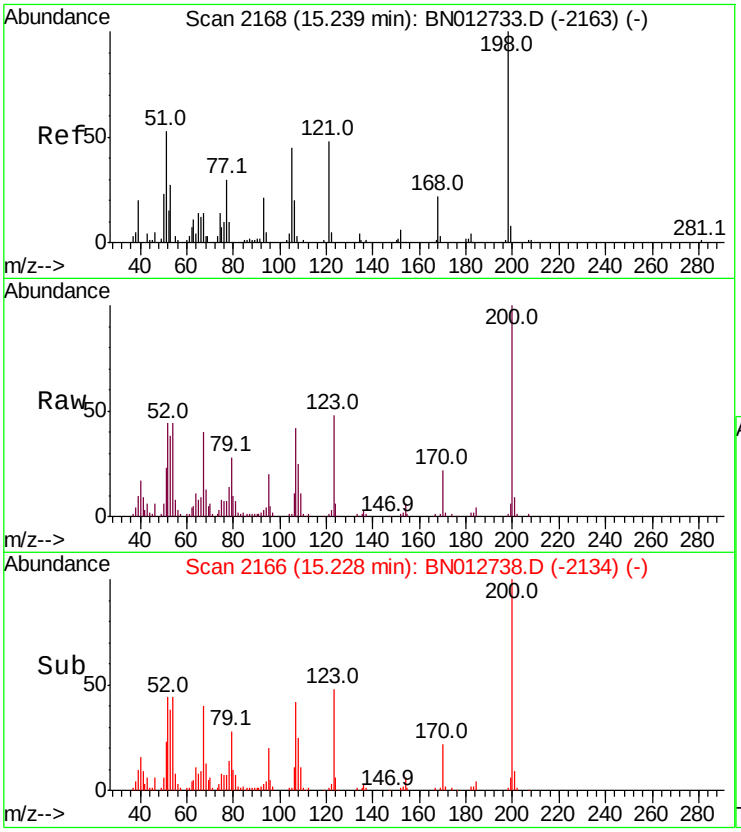


#63
4-Nitroaniline
Concen: 0.101 ng/ul
RT: 15.22 min Scan# 2165
Delta R.T. 0.05 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Tgt Ion:138 Resp: 429

Ion	Ratio	Lower	Upper
138	100		
92	401.8	47.0	70.4#
108	6245.1	78.2	117.4#



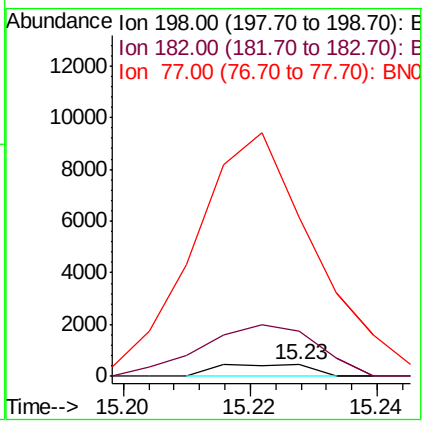


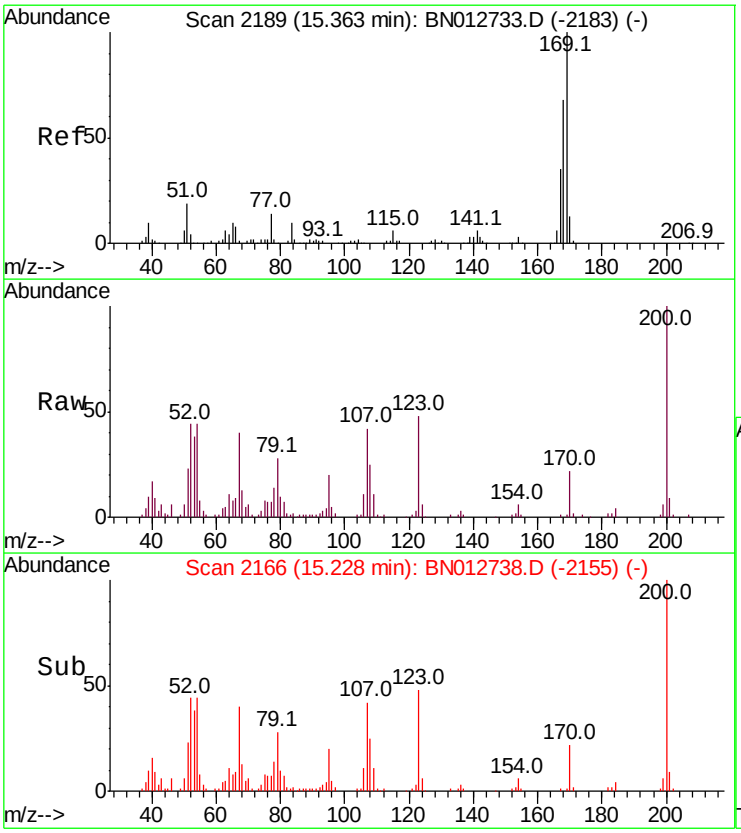
#66
4,6-Dinitro-2-methylphenol
Concen: 0.093 ng/ul
RT: 15.23 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Instrument :
BNA_N
ClientSampleId :
SBLK233

Tgt Ion:198 Resp: 468

Ion	Ratio	Lower	Upper
198	100		
182	381.7	4.2	6.2#
77	1342.4	26.6	39.8#

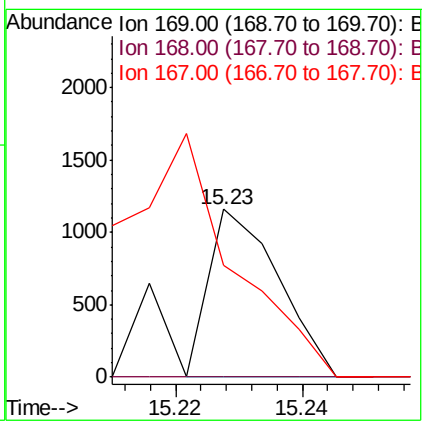


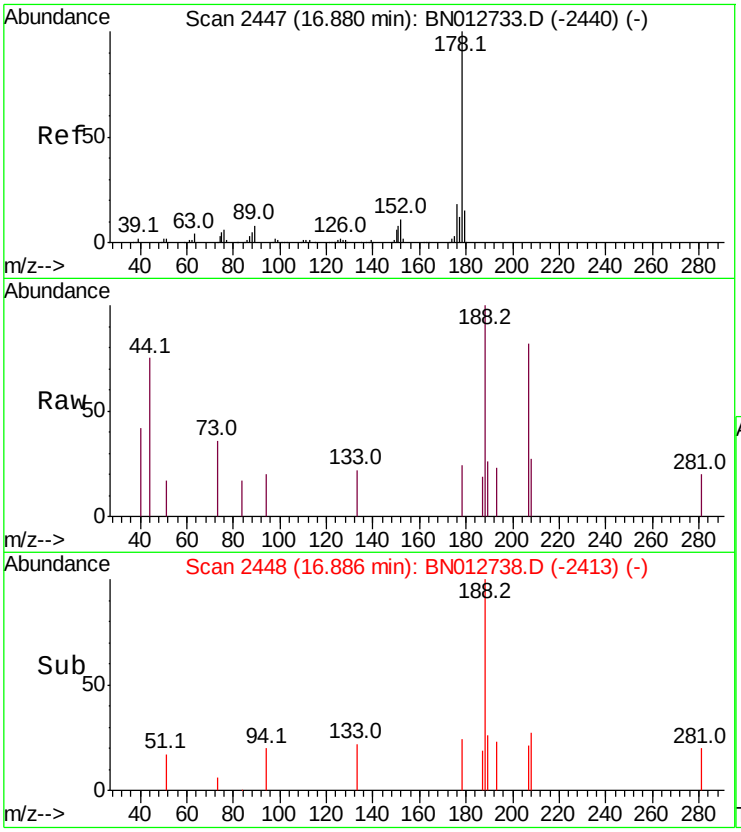


#67
N-Nitrosodiphenylamine
Concen: 0.041 ng/ul
RT: 15.23 min Scan# 2166
Delta R.T. -0.14 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Tgt Ion:169 Resp: 878

Ion	Ratio	Lower	Upper
169	100		
168	0.0	54.2	81.2#
167	66.4	28.0	42.0#



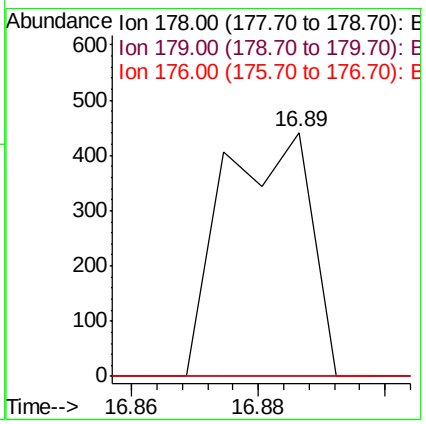


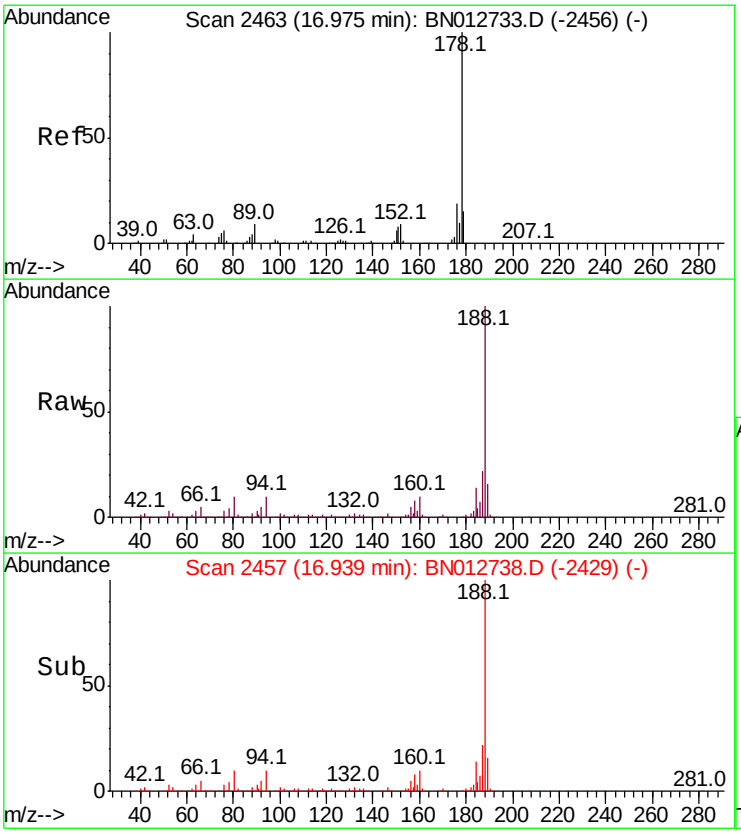
#72
Phenanthrene
Concen: 0.010 ng/ul
RT: 16.89 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Instrument :
BNA_N
ClientSampleId :
SBLK233

Tgt Ion:178 Resp: 421

Ion	Ratio	Lower	Upper
178	100		
179	0.0	12.0	18.0#
176	0.0	14.4	21.6#

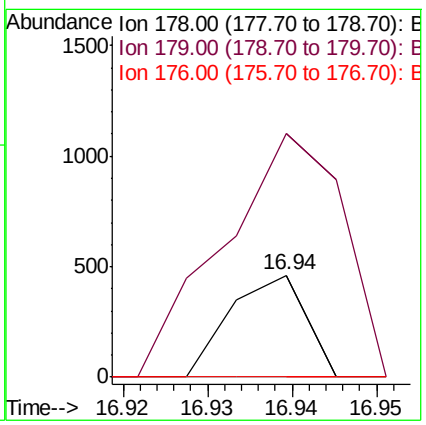


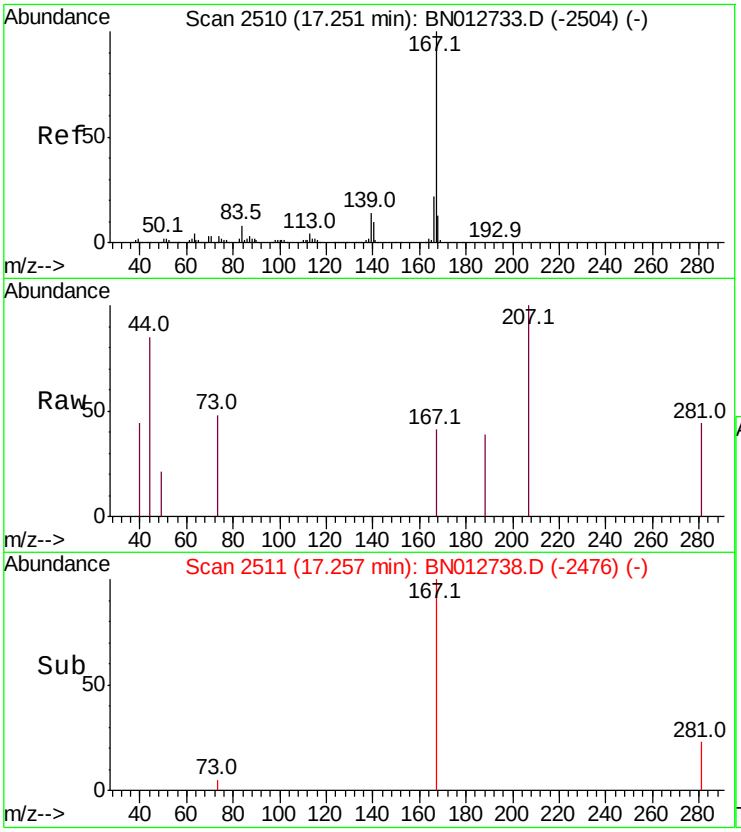


#74
Anthracene
Concen: 0.007 ng/ul
RT: 16.94 min Scan# 2457
Delta R.T. -0.04 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Tgt Ion:178 Resp: 286

Ion	Ratio	Lower	Upper
178	100		
179	238.5	11.8	17.8#
176	0.0	15.4	23.0#



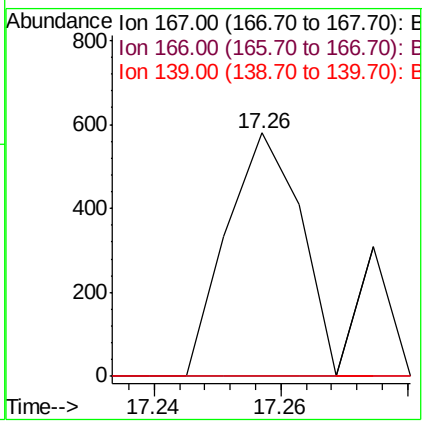


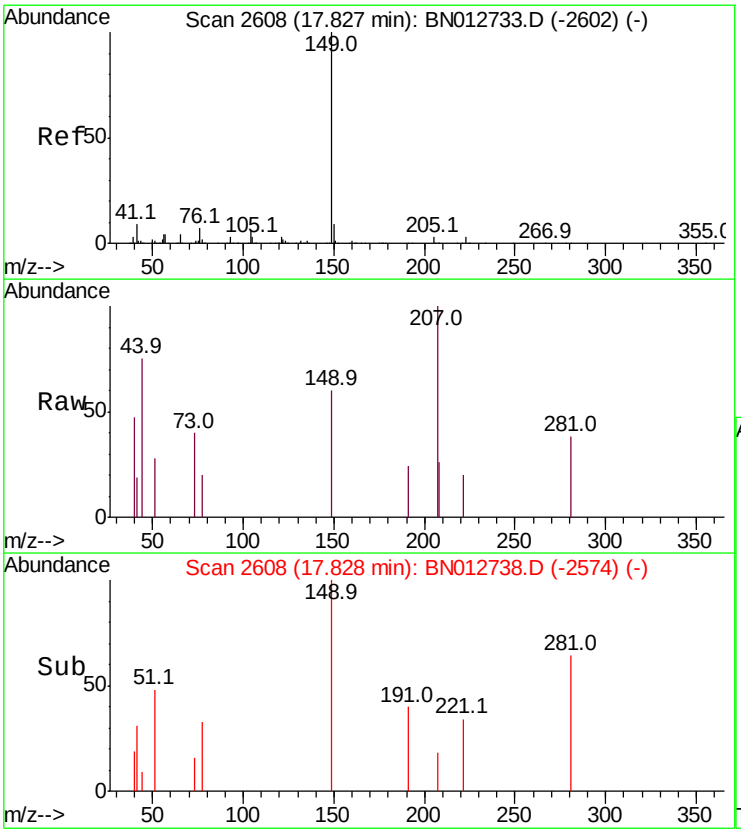
#77
Carbazole
Concen: 0.013 ng/ul
RT: 17.26 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Instrument :
BNA_N
ClientSampleId :
SBLK233

Tgt Ion:167 Resp: 468

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.8	26.6#
139	0.0	11.0	16.6#

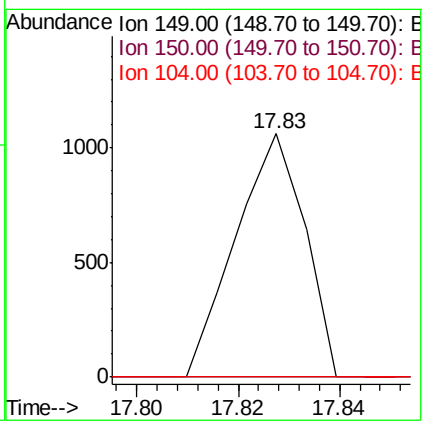


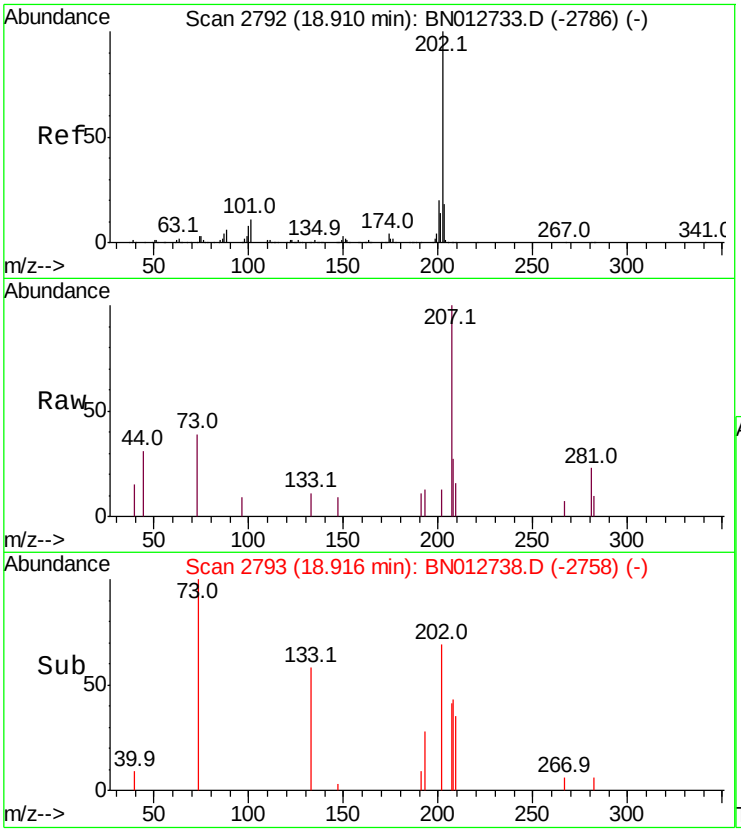


#78
Di-n-butylphthalate
Concen: 0.021 ng/ul
RT: 17.83 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Tgt Ion:149 Resp: 1000

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.4	11.0#
104	0.0	4.8	7.2#



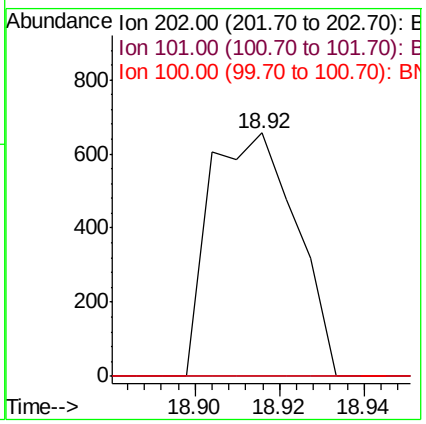


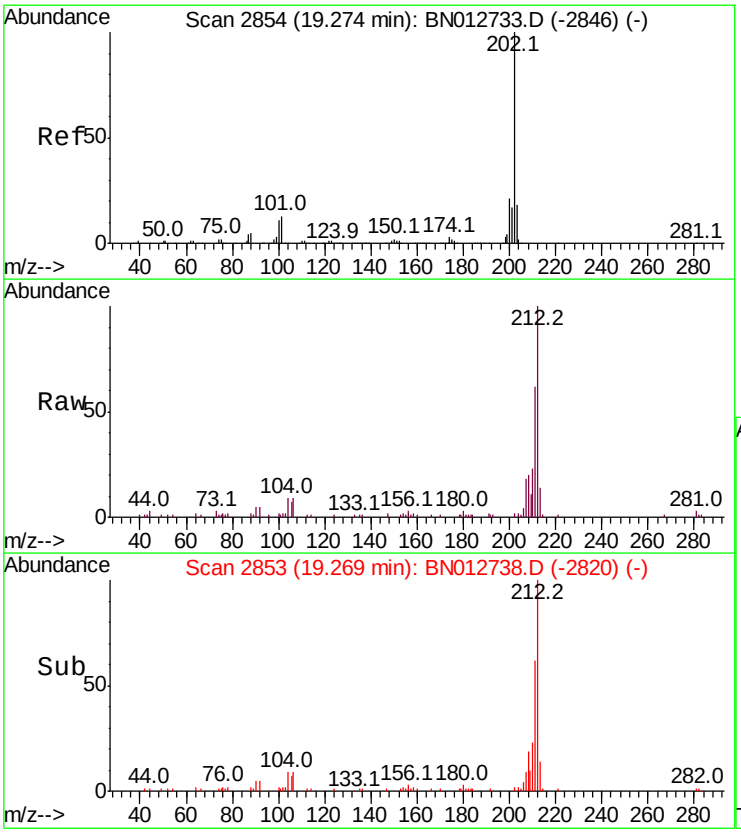
#80
Fluoranthene
Concen: 0.021 ng/ul
RT: 18.92 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Instrument :
BNA_N
ClientSampleId :
SBLK233

Tgt Ion:202 Resp: 932

Ion	Ratio	Lower	Upper
202	100		
101	0.0	8.5	12.7#
100	0.0	6.6	10.0#

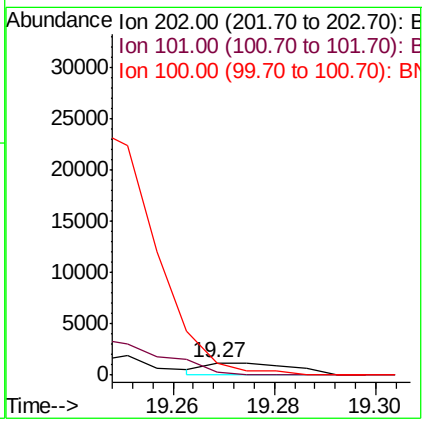


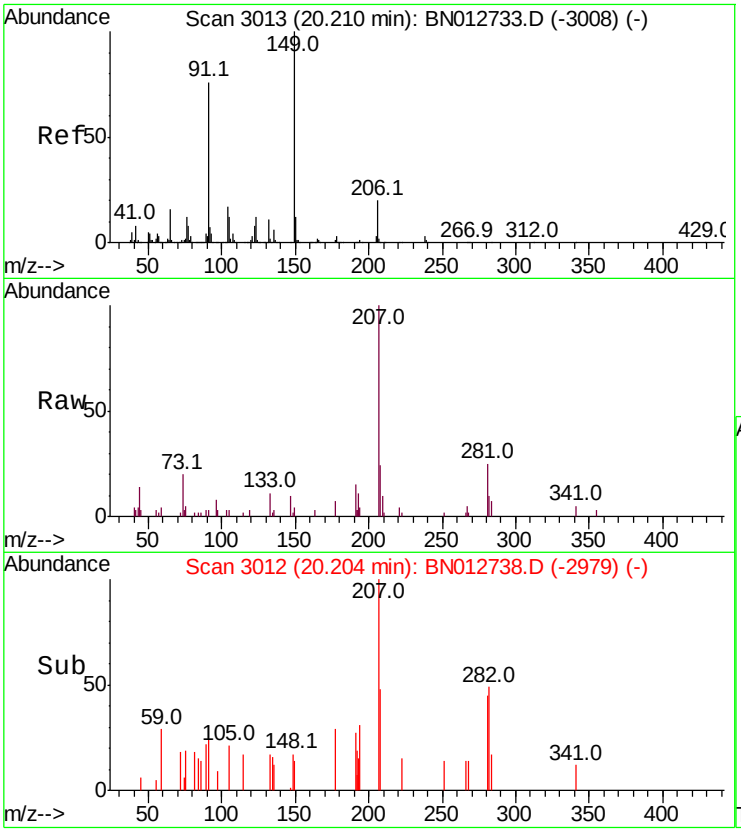


#82
Pyrene
Concen: 0.030 ng/ul
RT: 19.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Tgt Ion:202 Resp: 1378

Ion	Ratio	Lower	Upper
202	100		
101	28.2	10.1	15.1#
100	90.7	8.6	13.0#



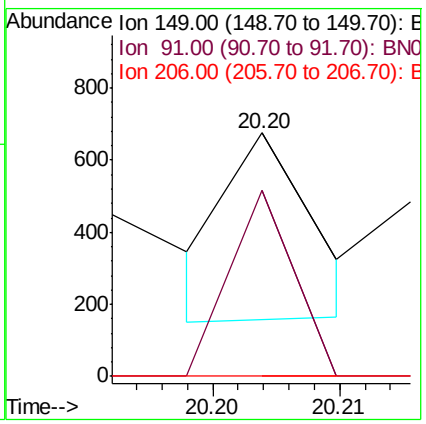


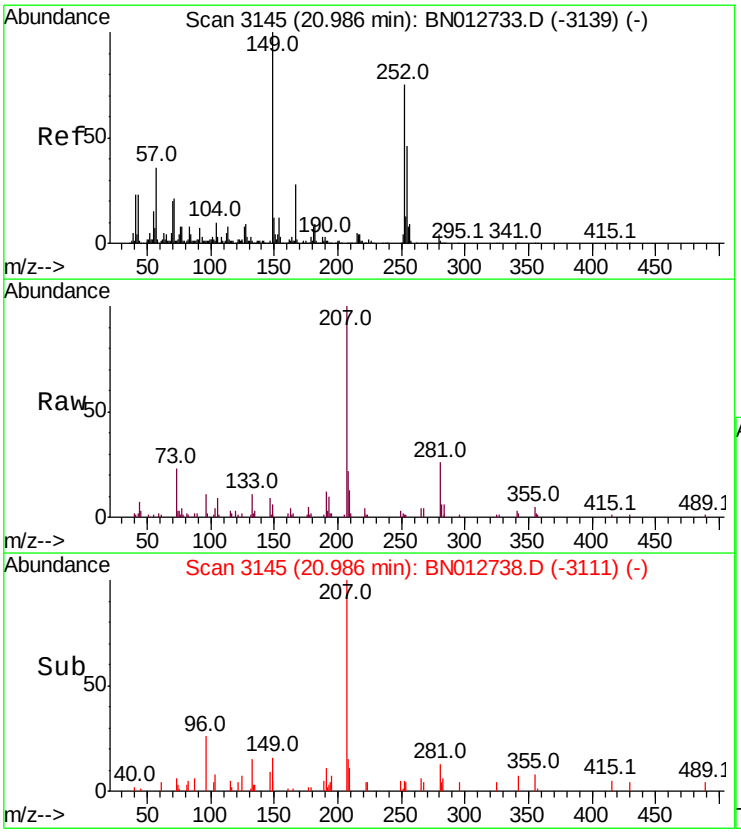
#83
Butylbenzylphthalate
Concen: 0.012 ng/ul
RT: 20.20 min Scan# 3012
Delta R.T. -0.01 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Instrument :
BNA_N
ClientSampleId :
SBLK233

Tgt Ion:149 Resp: 241

Ion	Ratio	Lower	Upper
149	100		
91	76.3	60.5	90.7
206	0.0	16.2	24.4#

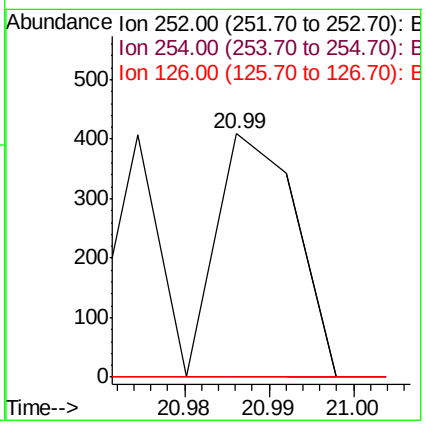


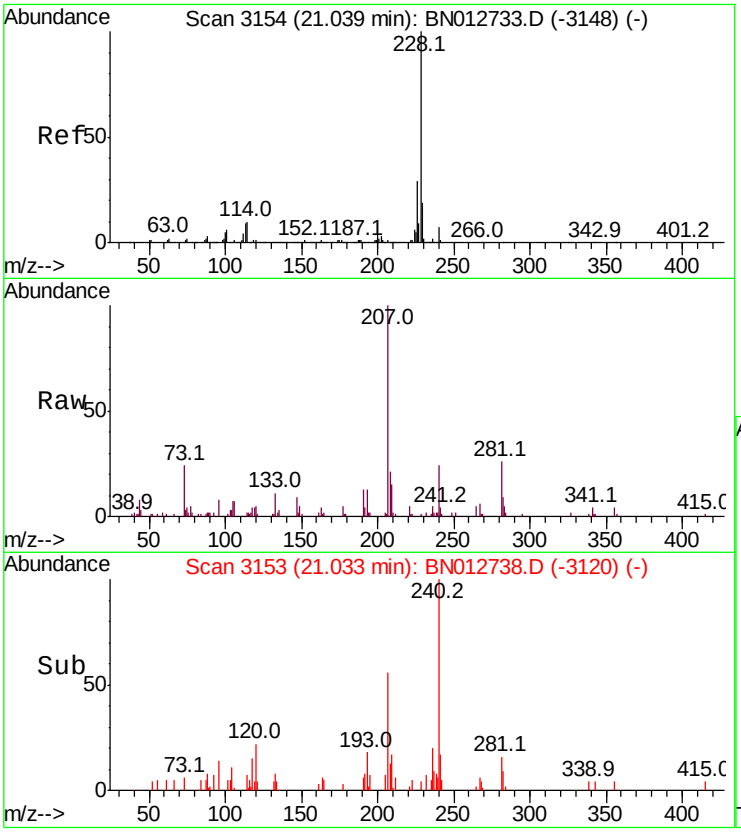


#84
3,3'-Dichlorobenzidine
Concen: 0.017 ng/ul
RT: 20.99 min Scan# 3145
Delta R.T. 0.00 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Tgt Ion:252 Resp: 265

Ion	Ratio	Lower	Upper
252	100		
254	0.0	49.7	74.5#
126	0.0	8.6	13.0#



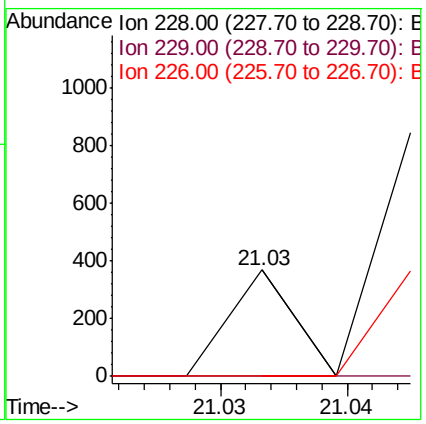


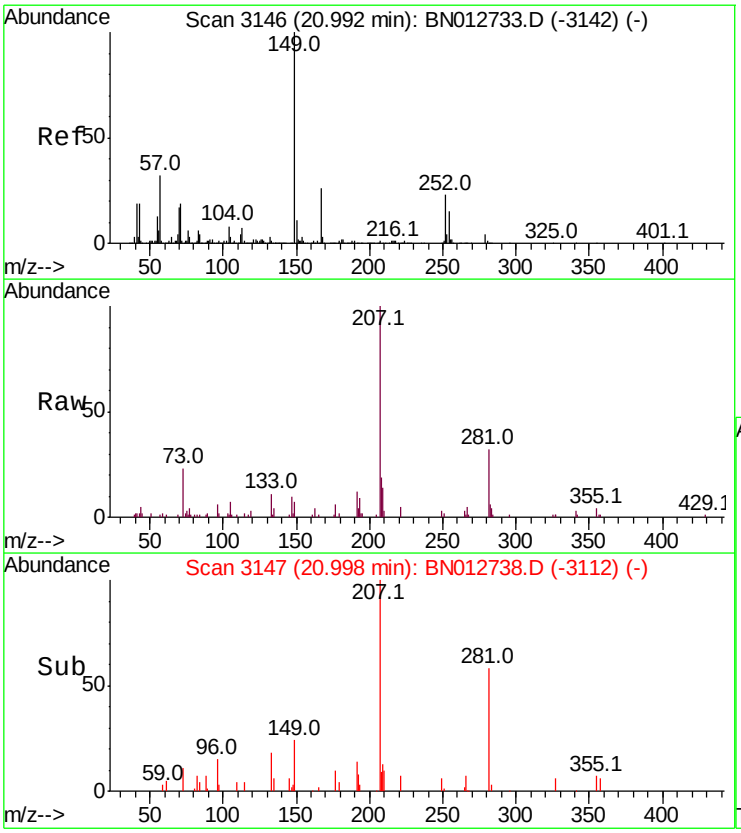
#85
Benzo(a)anthracene
Concen: 0.003 ng/ul
RT: 21.03 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Instrument :
BNA_N
ClientSampleId :
SBLK233

Tgt Ion:228 Resp: 130

Ion	Ratio	Lower	Upper
228	100		
229	0.0	15.6	23.4#
226	0.0	22.9	34.3#

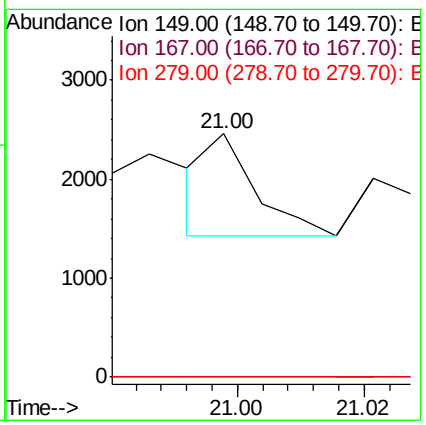


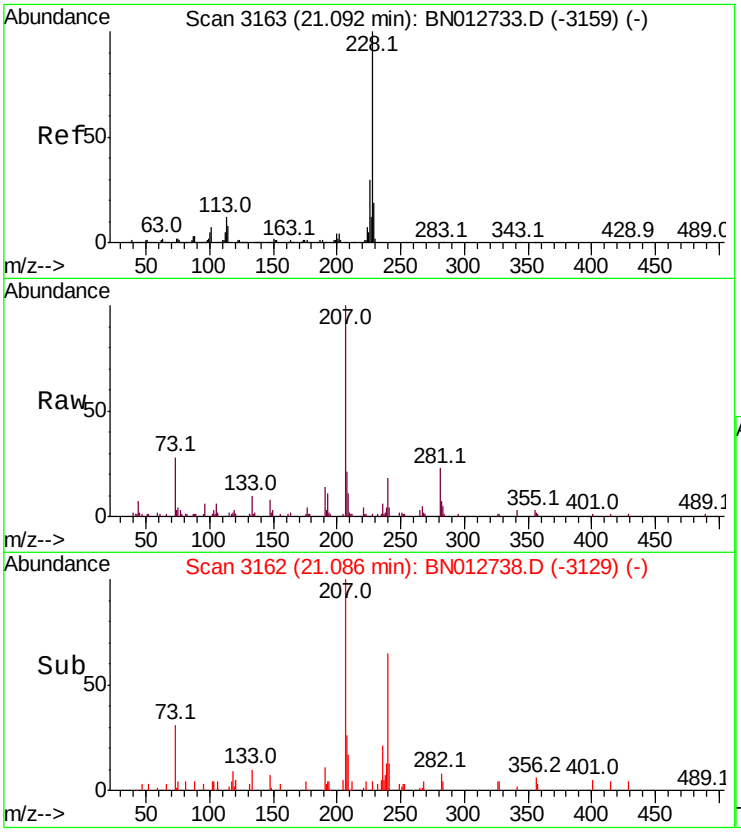


#86
Bis(2-ethylhexyl)phthalate
Concen: 0.017 ng/ul
RT: 21.00 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Tgt Ion:149 Resp: 550

Ion	Ratio	Lower	Upper
149	100		
167	0.0	20.7	31.1#
279	0.0	3.1	4.7#



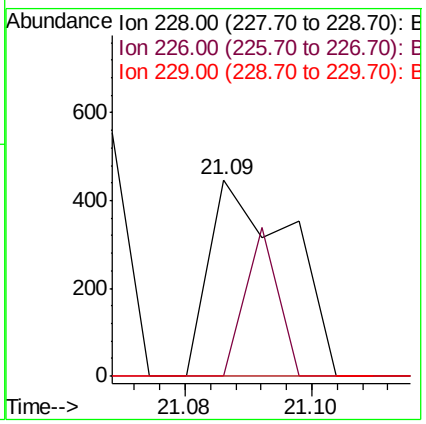


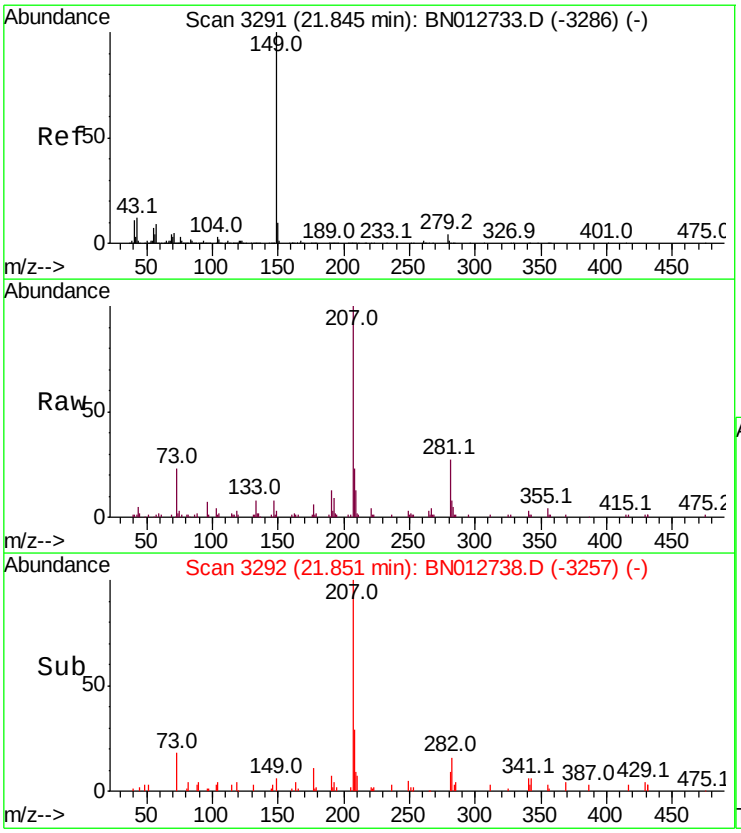
#87
Chrysene
Concen: 0.009 ng/ul
RT: 21.09 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Instrument :
BNA_N
ClientSampleId :
SBLK233

Tgt Ion:228 Resp: 394

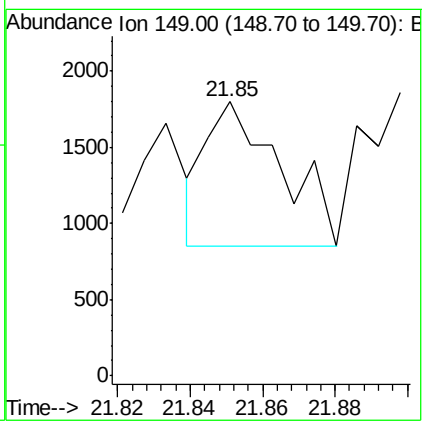
Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.8	35.6#
229	0.0	15.1	22.7#

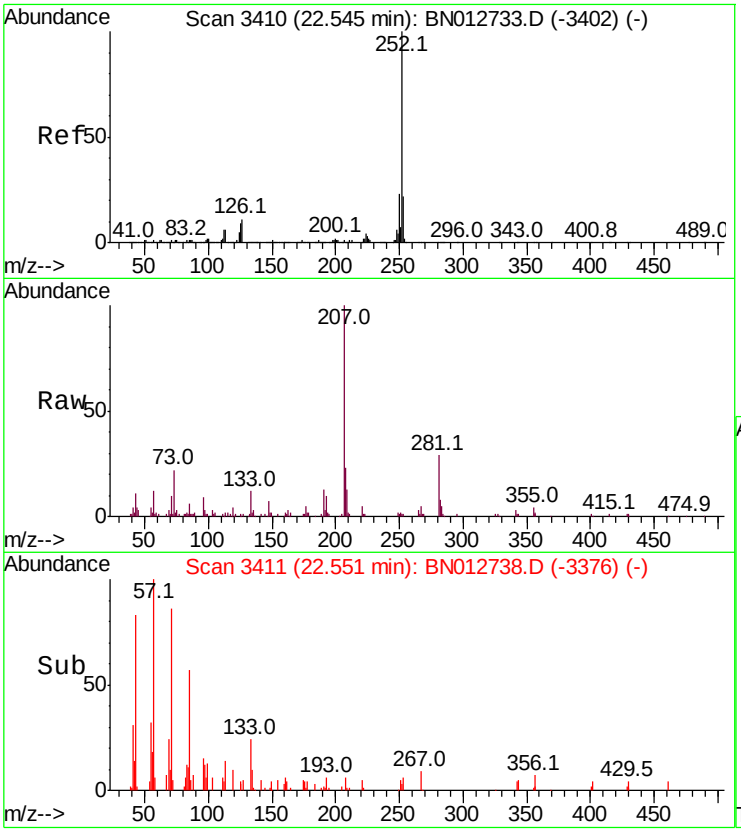




#89
Di-n-octyl phthalate
Concen: 0.022 ng/ul
RT: 21.85 min Scan# 3292
Delta R.T. 0.01 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Tgt Ion:149 Resp: 1344



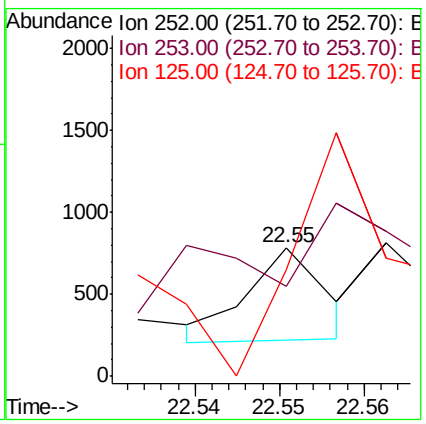


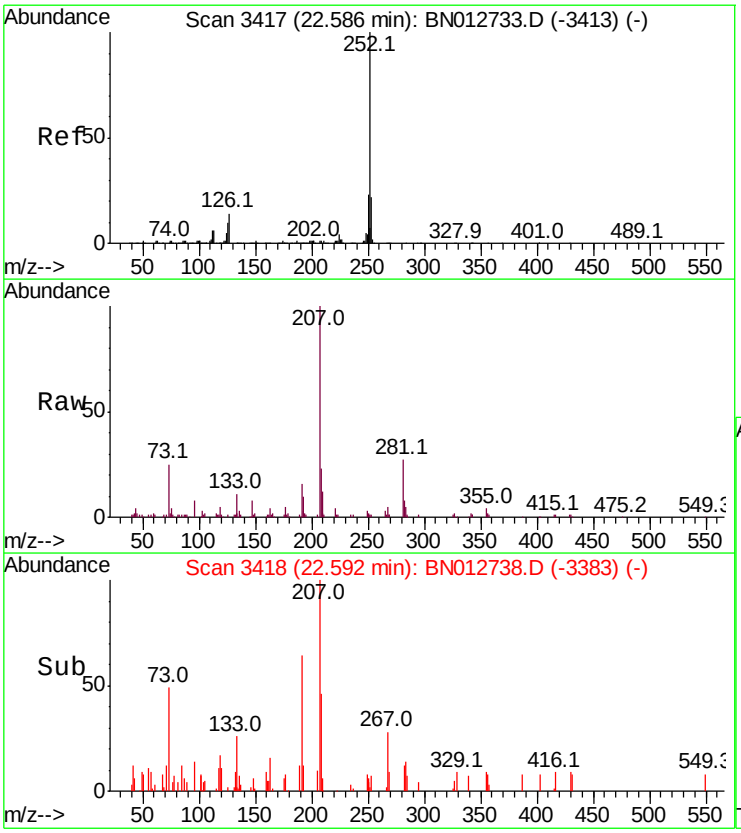
#90
Benzo(b)fluoranthene
Concen: 0.007 ng/ul
RT: 22.55 min Scan# 3411
Delta R.T. 0.01 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Instrument :
BNA_N
ClientSampleId :
SBLK233

Tgt Ion:252 Resp: 356

Ion	Ratio	Lower	Upper
252	100		
253	70.1	17.7	26.5#
125	83.5	7.6	11.4#

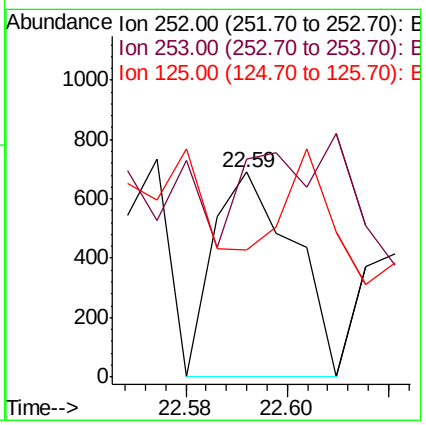


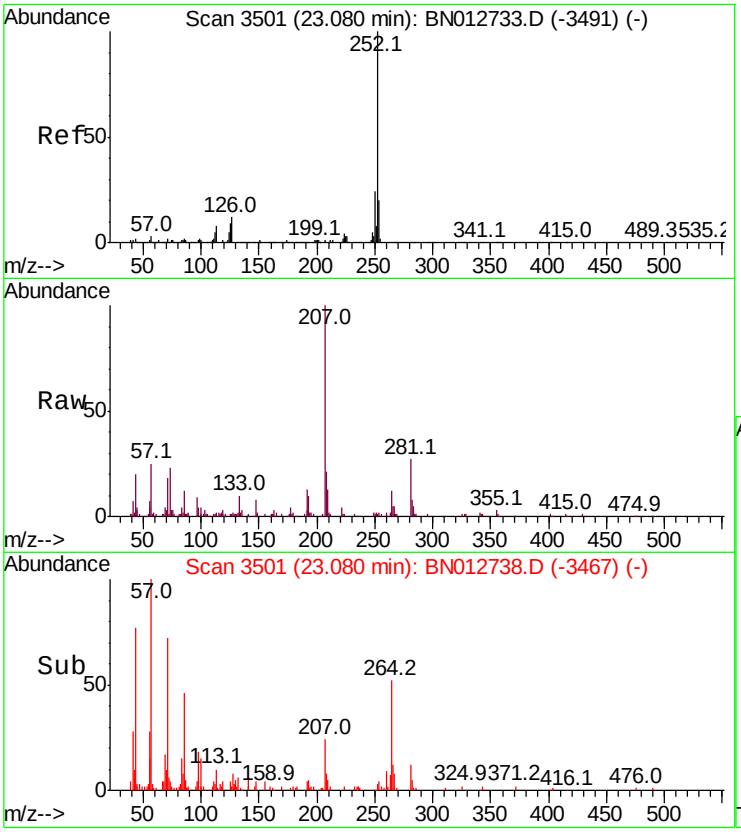


#91
Benzo(k)fluoranthene
Concen: 0.015 ng/ul
RT: 22.59 min Scan# 3418
Delta R.T. 0.01 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Tgt Ion:252 Resp: 759

Ion	Ratio	Lower	Upper
252	100		
253	106.5	17.4	26.2#
125	61.8	7.8	11.8#





#93
Benzo(a)pyrene
Concen: 0.015 ng/ul
RT: 23.08 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BN012738.D
Acq: 25 Nov 2020 19:06

Instrument :
BNA_N
ClientSampleId :
SBLK233

Tgt Ion:252 Resp: 694

Ion	Ratio	Lower	Upper
252	100		
253	158.6	16.1	24.1#
125	94.8	7.4	11.0#