Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120820\
Data File : BM028081.D
Acq On : 08 Dec 2020 21:11
Operator : JU/CG
Sample : PB133258BL
Misc : MDL-WATER-BL-01
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK258

Quant Time: Dec 09 03:37:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:34:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	153664	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	624159	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.90	164	364399	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	753127	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	736281	20.00	ng/ul	-0.01
88) Perylene-d12	24.13	264	733276	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	29279	7.28	ng/uL	0.00
4) Pyridine-d5	3.92	84	424249	38.60	ng/ul	0.00
7) Phenol-d5	7.41	99	509308	38.83	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	323099	38.77	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	434008	39.74	ng/ul	0.00
15) 4-Methylphenol-d8	8.98	113	404119	37.75	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	200696	39.85	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	210966	40.68	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.72	165	388373	38.11	ng/ul	0.00
31) 4-Chloroaniline-d4	11.24	131	570521	40.13	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1215169	41.94	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	1384714	39.33	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	205956	37.73	ng/ul	0.00
60) Fluorene-d10	15.89	176	1000535	39.70	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	153667	33.40	ng/ul	0.00
73) Anthracene-d10	17.72	188	1541910	41.13	ng/ul	0.00
81) Pyrene-d10	19.97	212	1665423	41.66	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.98	264	1696635	42.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	121	0.029	ng/uL#	7
5) Pyridine	3.94	79	210	0.019	ng/ul#	1
6) Benzaldehyde	7.41	77	1093	0.213	ng/ul#	1
10) Bis(2-Chloroethyl)ether	7.80	93	642	0.057	ng/ul#	1
14) 2,2'-oxybis(1-Chloropropan	8.98	45	3010	0.161	ng/ul#	79
17) N-Nitroso-di-n-propylamine	8.98	70	9713	1.224	ng/ul#	1
22) Nitrobenzene	9.46	77	1739	0.142	ng/ul#	35
23) Isophorone	10.19	82	16796	0.776	ng/ul#	72
30) Naphthalene	11.25	128	524	0.015	ng/ul#	1
32) 4-Chloroaniline	11.25	127	131	0.009	ng/ul#	1
44) 2-Chloronaphthalene	13.69	162	121	0.005	ng/ul#	1
47) Dimethylphthalate	14.30	163	708	0.024	ng/ul#	1
48) 2,6-Dinitrotoluene	14.30	165	9033	1.578	ng/ul#	41
55) 4-Nitrophenol	15.07	109	67	0.017	ng/ul#	1
57) 2,4-Dinitrotoluene	15.30	165	219	0.027	ng/ul#	1
59) Diethylphthalate	15.69	149	406	0.013	ng/ul#	59
61) Fluorene	15.88	166	2195	0.074	ng/ul#	12
63) 4-Nitroaniline	15.98	138	663	0.150	ng/ul#	1
66) 4,6-Dinitro-2-methylphenol	15.99	198	677	0.135	ng/ul#	1
67) N-Nitrosodiphenylamine	15.99	169	1684	0.068	ng/ul#	29
72) Phenanthrene	17.72	178	437	0.009	ng/ul#	1
74) Anthracene	17.72	178	437	0.009	ng/ul#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120820\
Data File : BM028081.D
Acq On : 08 Dec 2020 21:11
Operator : JU/CG
Sample : PB133258BL
Misc : MDL-WATER-BL-01
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK258

Quant Time: Dec 09 03:37:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:34:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Di-n-butylphthalate	18.55	149	968	0.018	ng/ul#	79
82) Pyrene	20.00	202	210	0.004	ng/ul#	1
83) Butylbenzylphthalate	20.84	149	129	0.006	ng/ul#	53
84) 3,3'-Dichlorobenzidine	21.64	252	183	0.011	ng/ul#	26
85) Benzo(a)anthracene	21.73	228	1685	0.034	ng/ul#	46
86) Bis(2-ethylhexyl)phthalate	21.62	149	679	0.020	ng/ul#	79
87) Chrysene	21.73	228	1685	0.034	ng/ul#	46
89) Di-n-octyl phthalate	22.54	149	176	0.003	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	259	0.005	ng/ul#	1
91) Benzo(k)fluoranthene	23.44	252	288	0.006	ng/ul#	1
93) Benzo(a)pyrene	24.03	252	102	0.002	ng/ul#	1

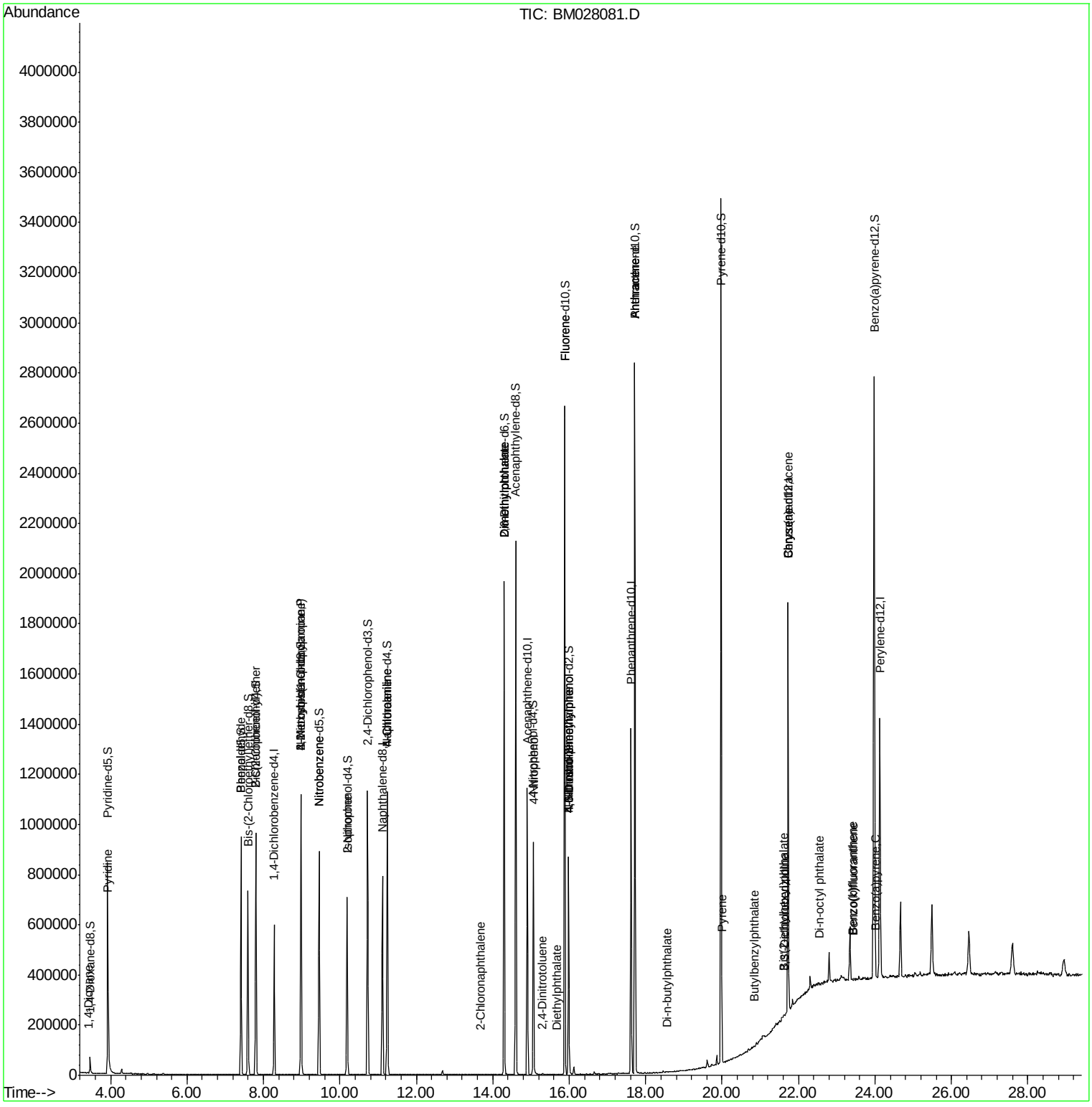
(#) = qualifier out of range (m) = manual integration (+) = signals summed

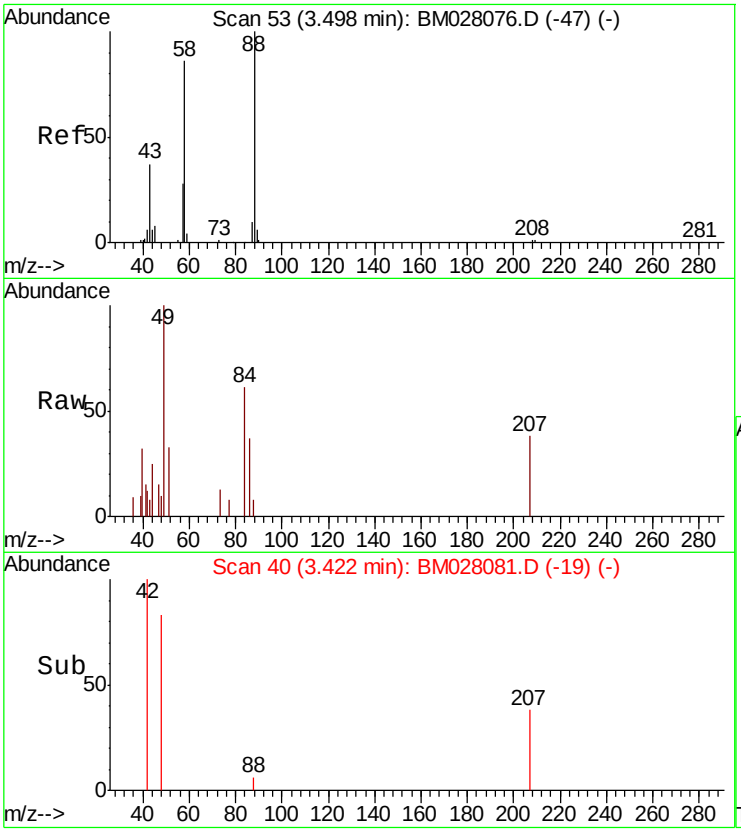
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120820\
Data File : BM028081.D
Acq On : 08 Dec 2020 21:11
Operator : JU/CG
Sample : PB133258BL
Misc : MDL-WATER-BL-01
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK258

Quant Time: Dec 09 03:37:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:34:15 2020
Response via : Initial Calibration



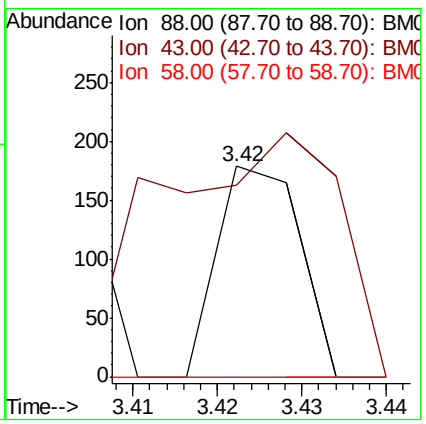


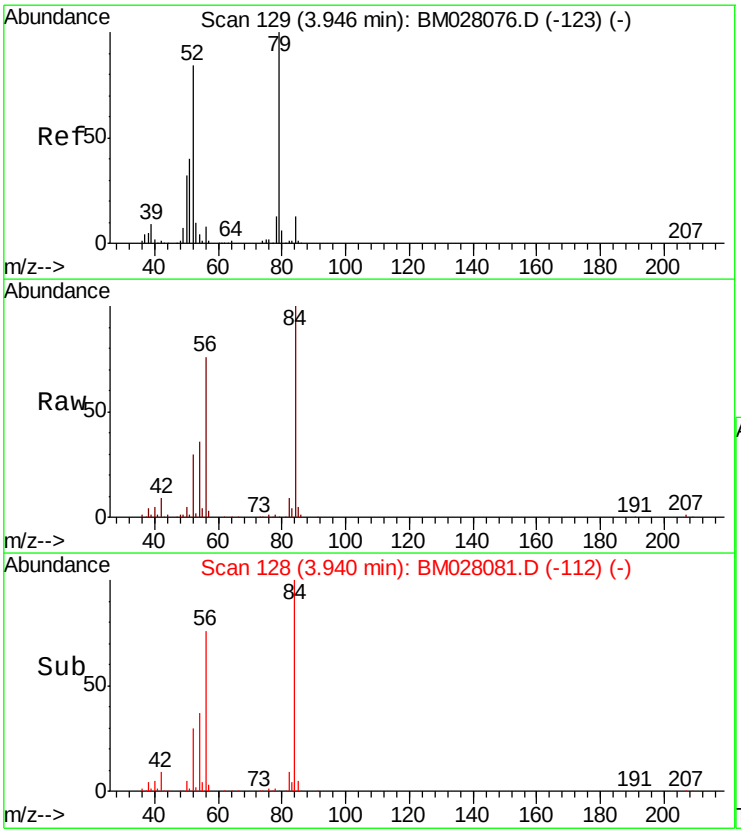
#2
1,4-Dioxane
Concen: 0.029 ng/uL
RT: 3.42 min Scan# 40
Delta R.T. -0.08 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion: 88 Resp: 121

Ion	Ratio	Lower	Upper
88	100		
43	91.1	27.5	41.3#
58	0.0	63.2	94.8#

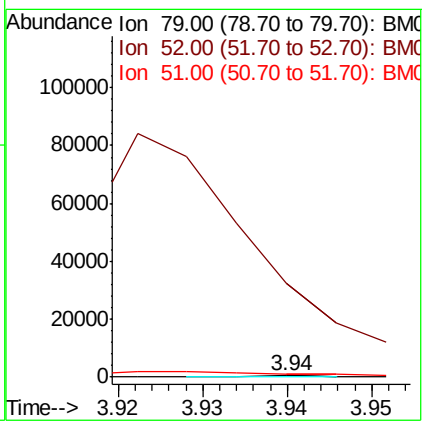


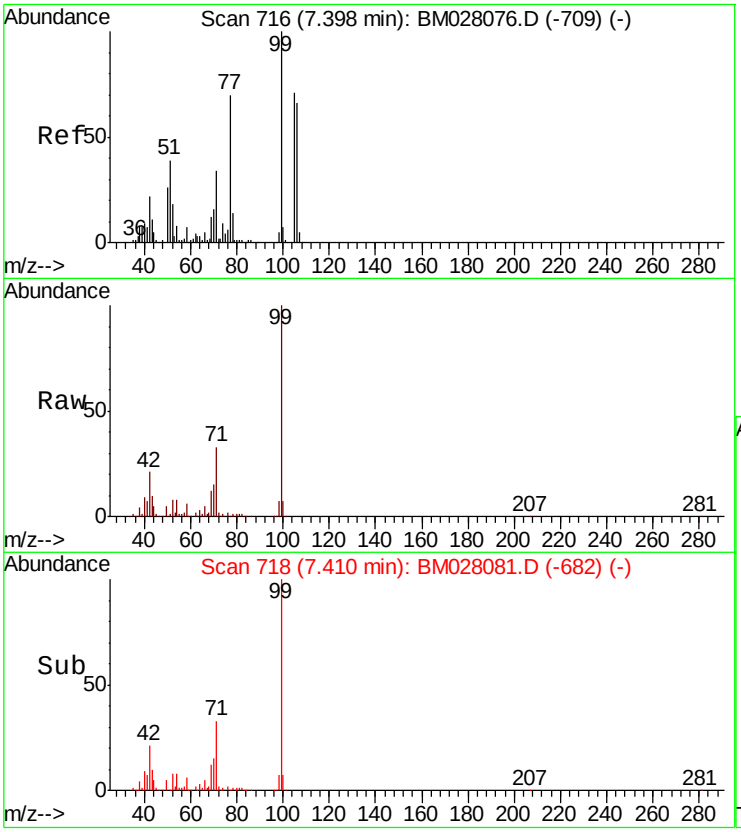


#5
Pyridine
Concen: 0.019 ng/ul
RT: 3.94 min Scan# 128
Delta R.T. -0.01 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Tgt Ion: 79 Resp: 210

Ion	Ratio	Lower	Upper
79	100		
52	8714.2	72.8	109.2#
51	305.9	34.9	52.3#



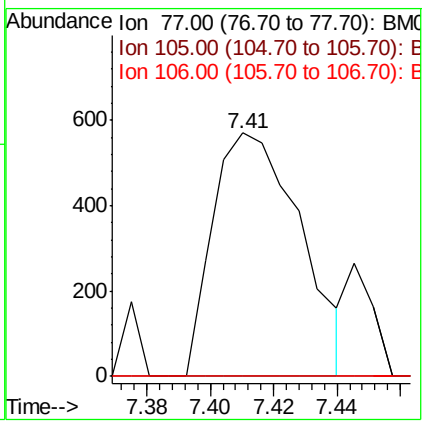


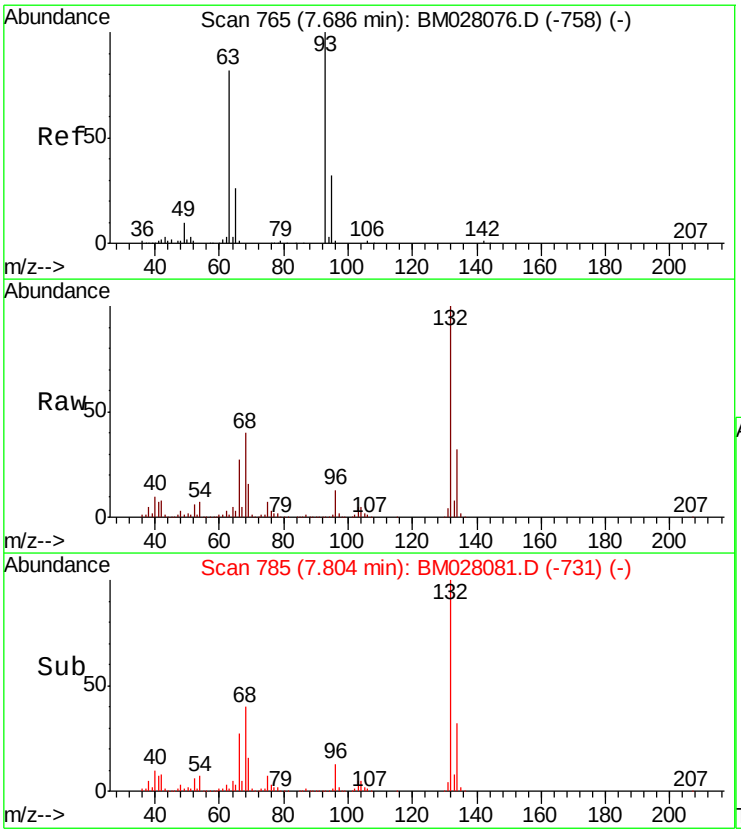
#6
Benzaldehyde
Concen: 0.213 ng/ul
RT: 7.41 min Scan# 718
Delta R.T. 0.01 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion: 77 Resp: 1093

Ion	Ratio	Lower	Upper
77	100		
105	0.0	82.0	123.0#
106	0.0	74.5	111.7#

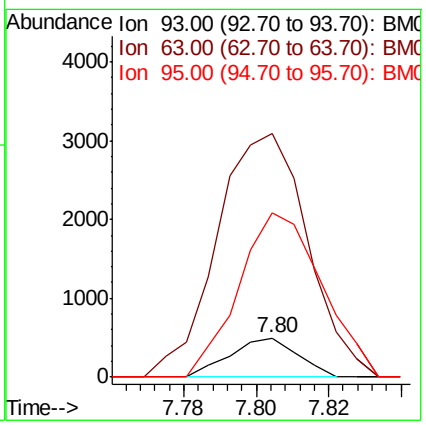


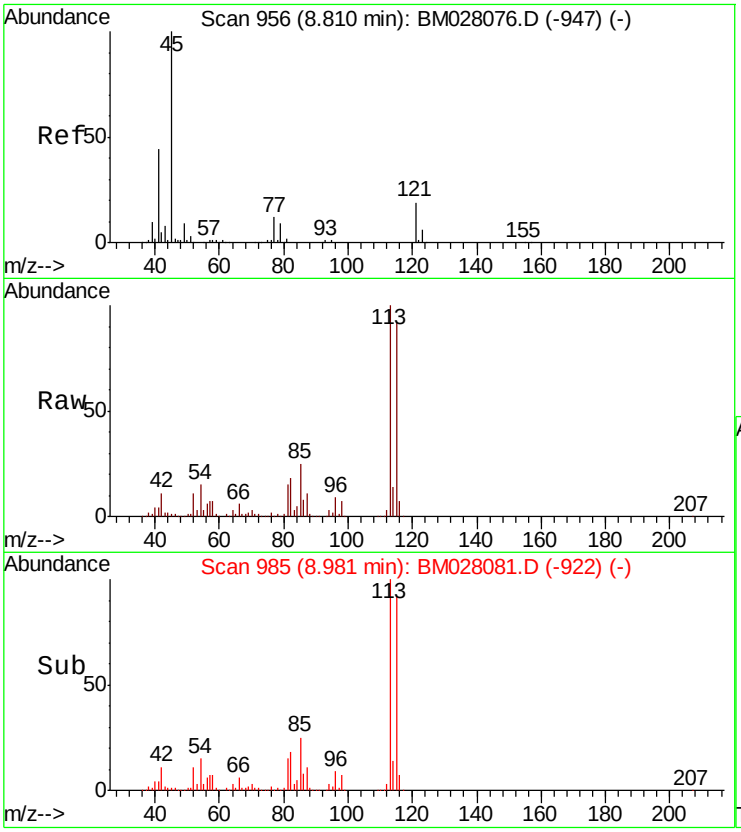


#10
Bis(2-Chloroethyl)ether
Concen: 0.057 ng/ul
RT: 7.80 min Scan# 785
Delta R.T. 0.12 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Tgt Ion: 93 Resp: 642

Ion	Ratio	Lower	Upper
93	100		
63	625.7	67.0	100.4#
95	422.1	26.8	40.2#



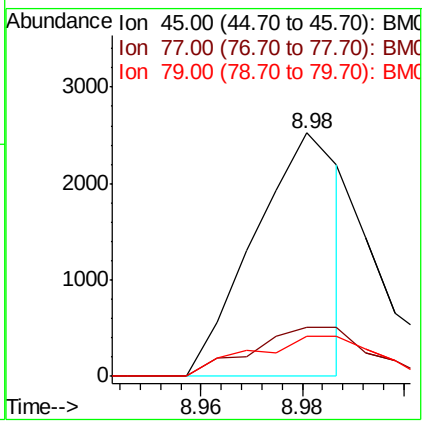


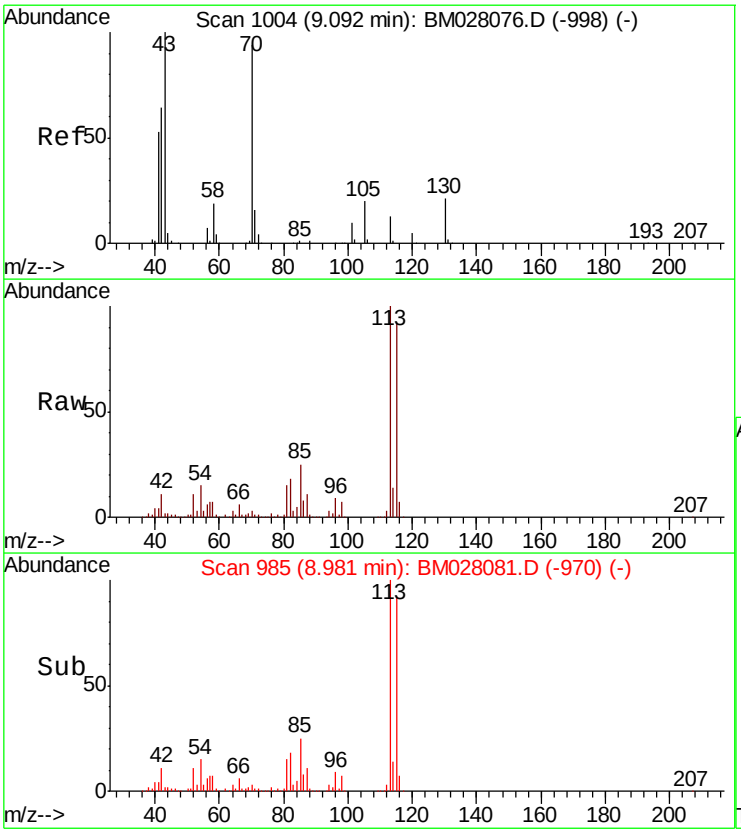
#14
2,2'-oxybis(1-Chloropropane)
Concen: 0.161 ng/ul
RT: 8.98 min Scan# 985
Delta R.T. 0.17 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion: 45 Resp: 3010

Ion	Ratio	Lower	Upper
45	100		
77	20.3	9.5	14.3#
79	16.4	7.4	11.0#

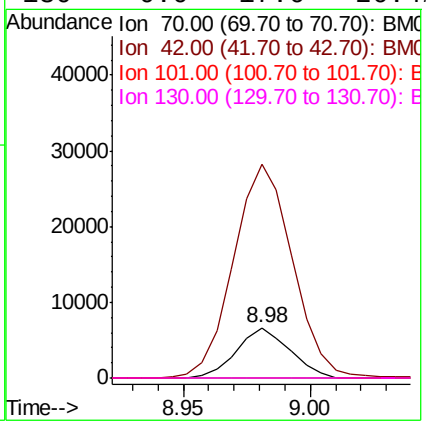


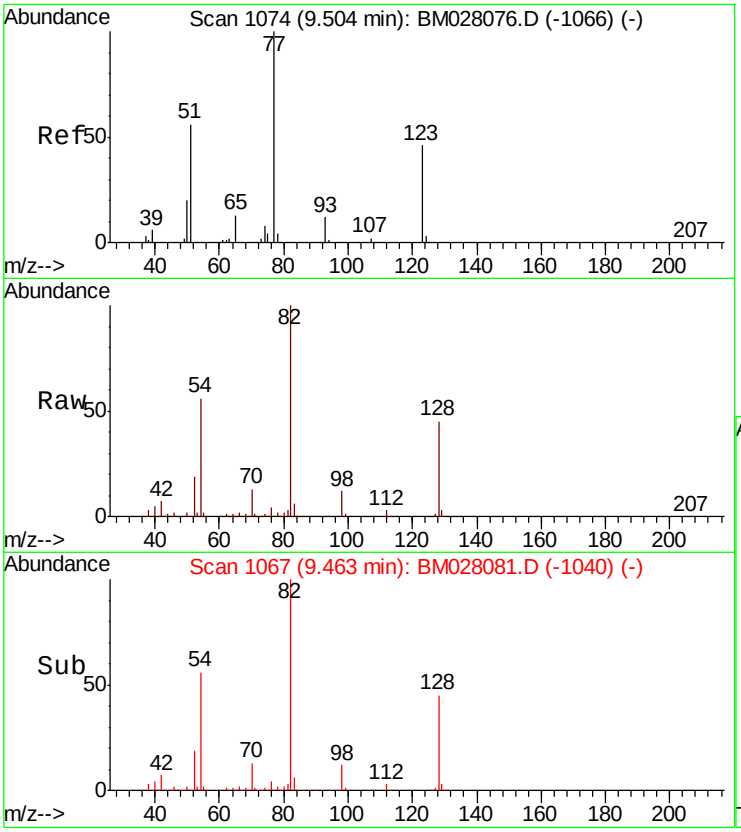


#17
N-Nitroso-di-n-propylamine
Concen: 1.224 ng/ul
RT: 8.98 min Scan# 985
Delta R.T. -0.11 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Tgt Ion: 70 Resp: 9713

Ion	Ratio	Lower	Upper
70	100		
42	424.2	55.0	82.4#
101	0.0	8.6	12.8#
130	0.0	17.6	26.4#



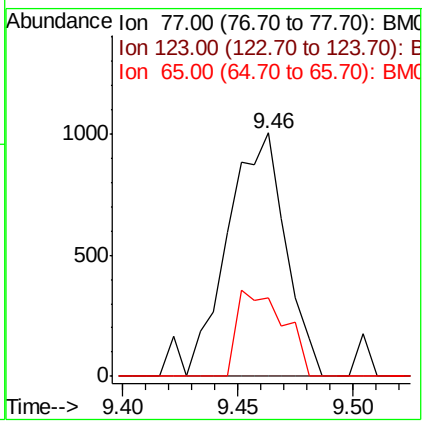


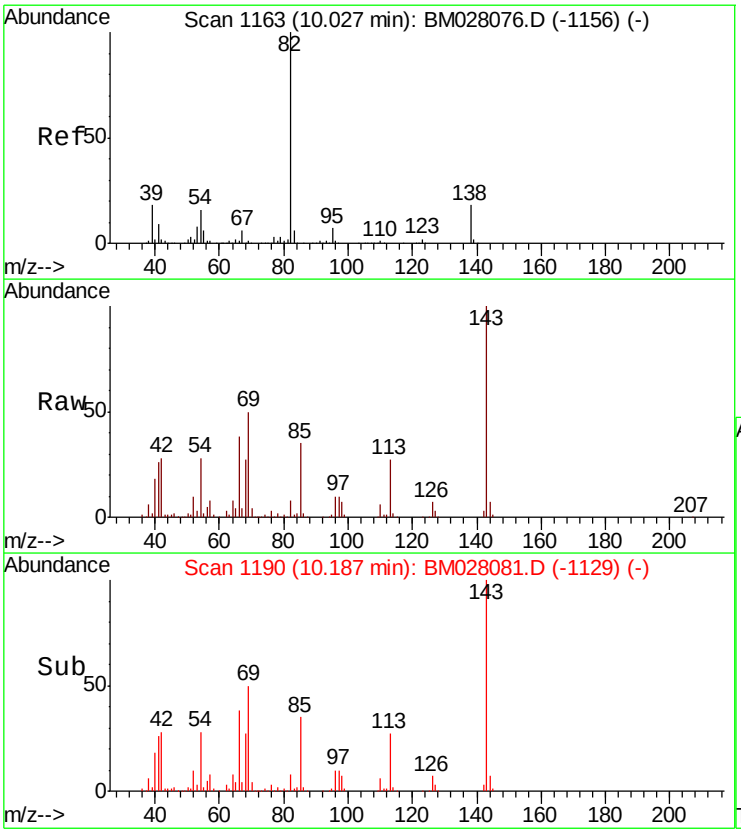
#22
Nitrobenzene
Concen: 0.142 ng/ul
RT: 9.46 min Scan# 1067
Delta R.T. -0.04 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion: 77 Resp: 1739

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	32.3	11.1	16.7#

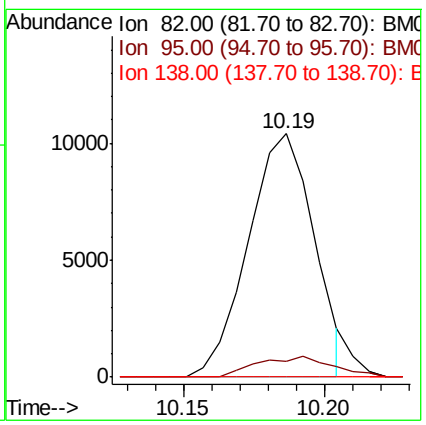


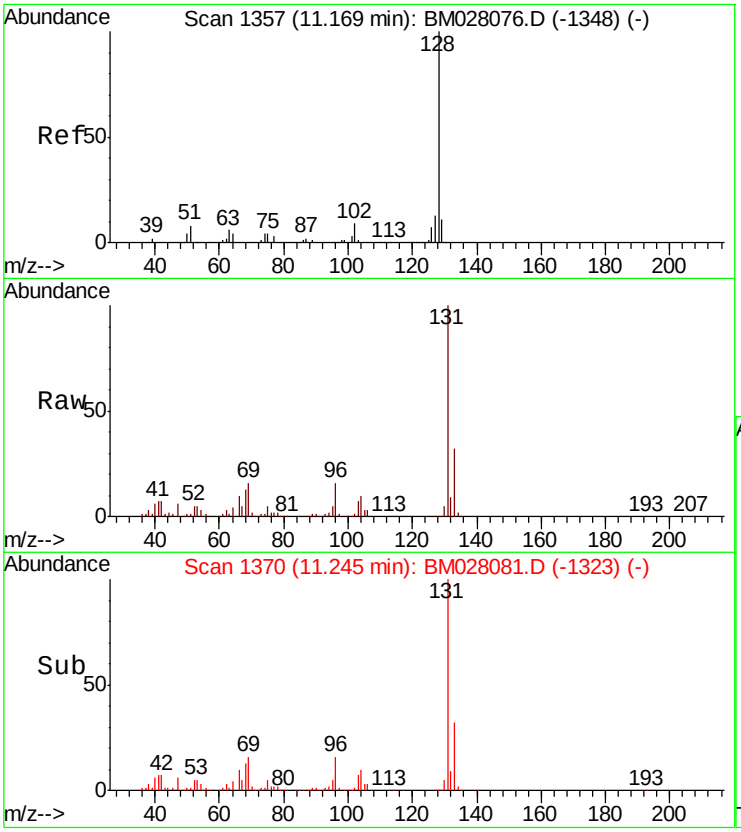


#23
Isophorone
Concen: 0.776 ng/ul
RT: 10.19 min Scan# 1190
Delta R.T. 0.16 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Tgt Ion: 82 Resp: 16796

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.6	8.4
138	0.0	13.5	20.3#



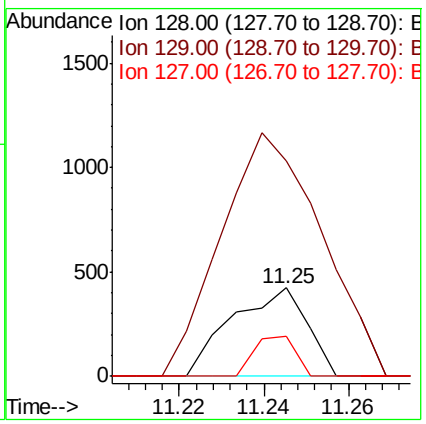


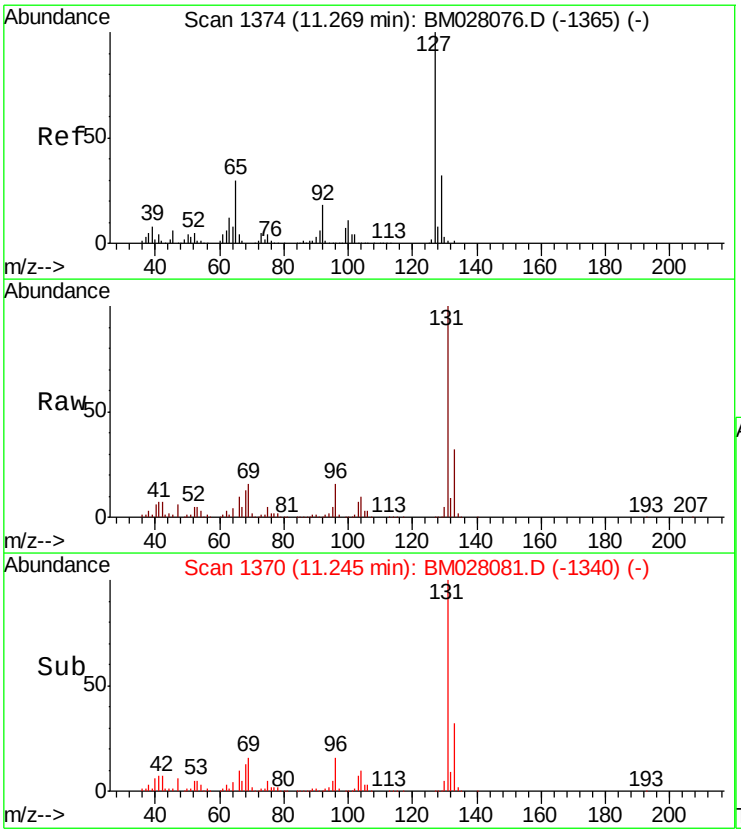
#30
Naphthalene
Concen: 0.015 ng/ul
RT: 11.25 min Scan# 1370
Delta R.T. 0.08 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:128 Resp: 524

Ion	Ratio	Lower	Upper
128	100		
129	244.0	8.7	13.1#
127	45.9	10.7	16.1#

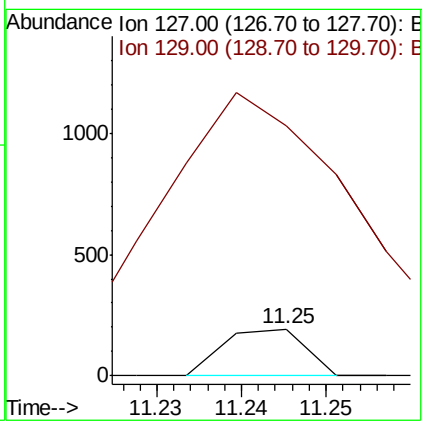


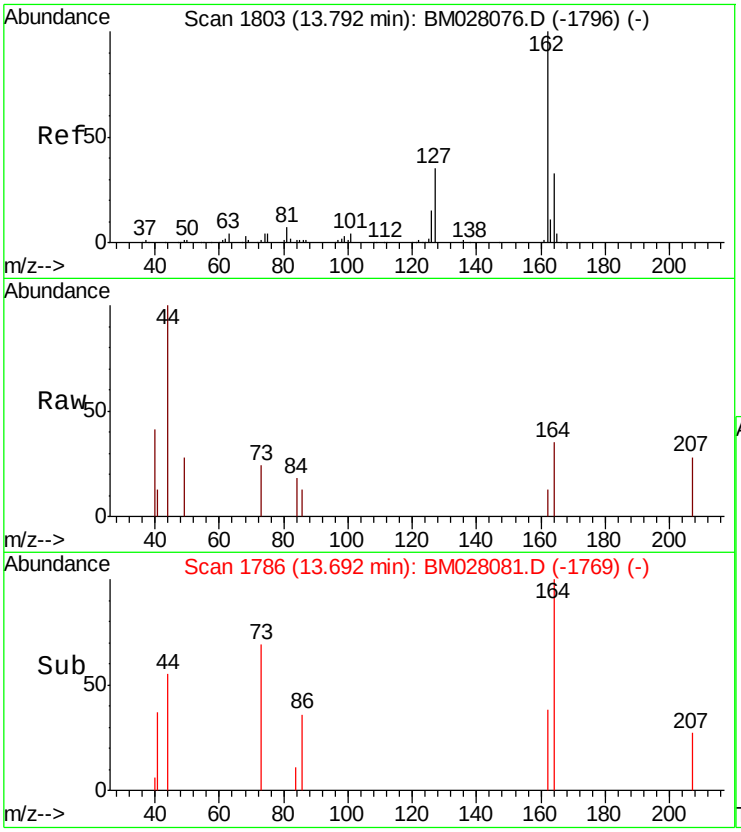


#32
4-Chloroaniline
Concen: 0.009 ng/ul
RT: 11.25 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Tgt Ion:127 Resp: 131

Ion	Ratio	Lower	Upper
127	100		
129	532.0	26.1	39.1#



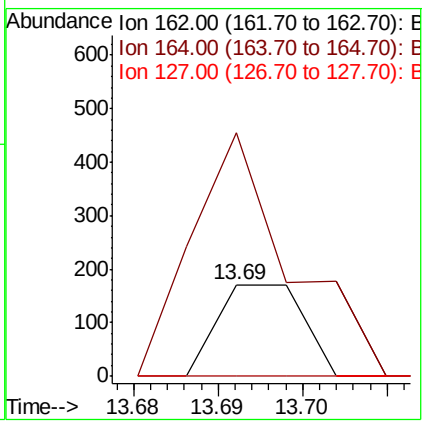


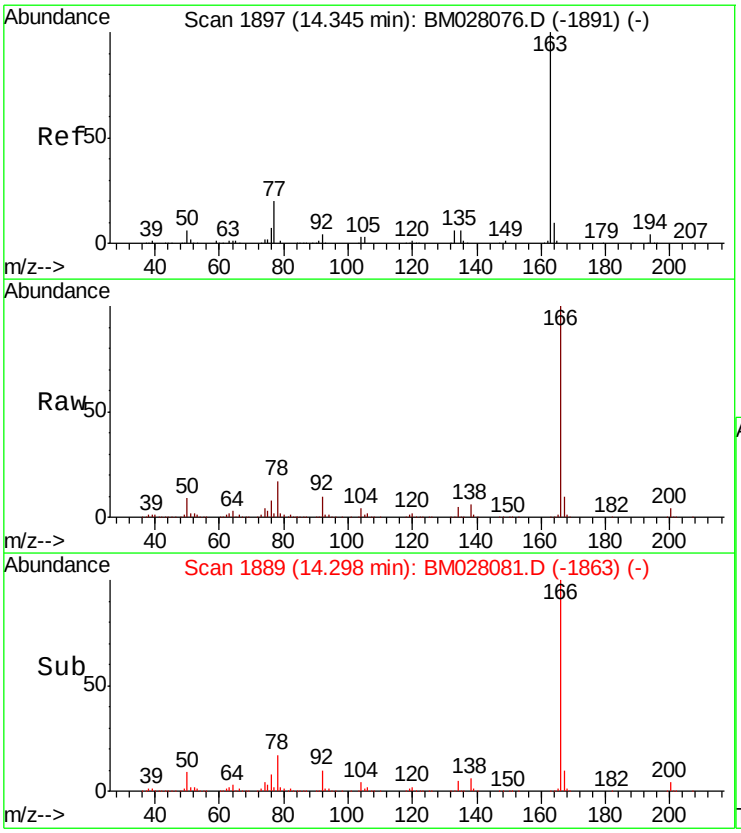
#44
2-Chloronaphthalene
Concen: 0.005 ng/ul
RT: 13.69 min Scan# 1786
Delta R.T. -0.10 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:162 Resp: 121

Ion	Ratio	Lower	Upper
162	100		
164	266.1	26.4	39.6#
127	0.0	30.6	46.0#

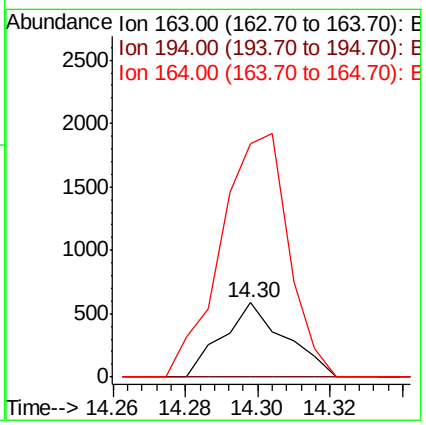


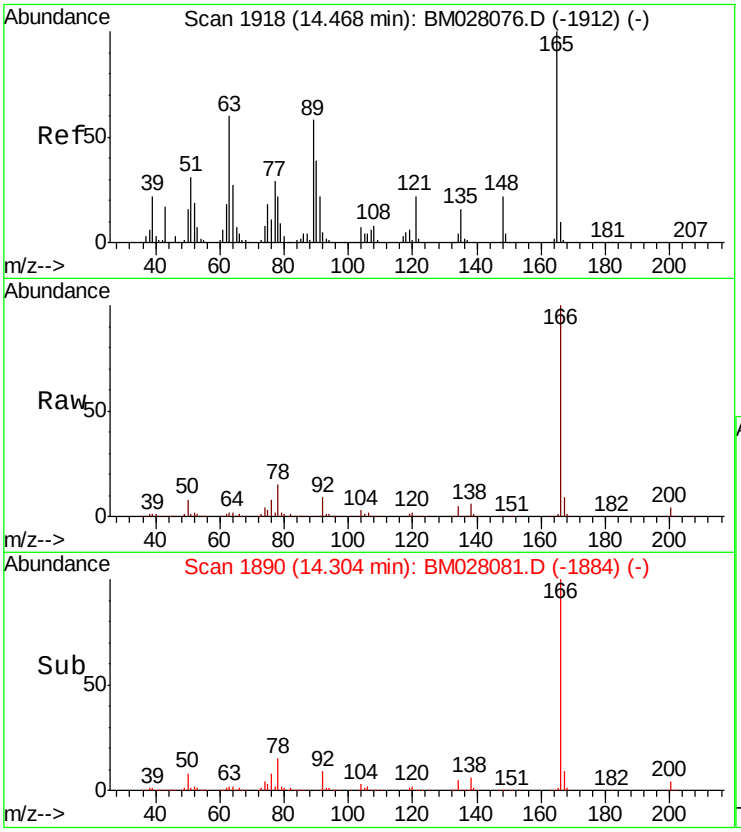


#47
Dimethylphthalate
Concen: 0.024 ng/ul
RT: 14.30 min Scan# 1889
Delta R.T. -0.05 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Tgt Ion:163 Resp: 708

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.0#
164	314.9	8.0	12.0#



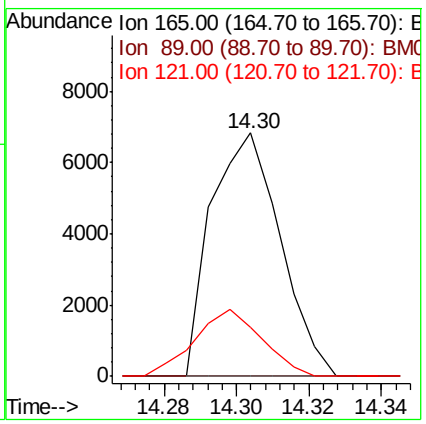


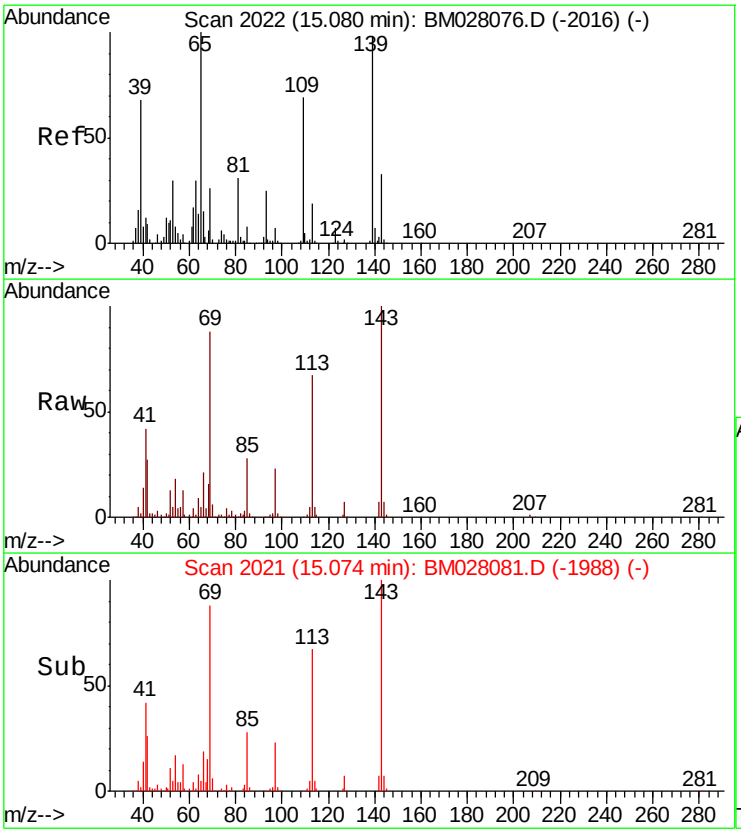
#48
2,6-Dinitrotoluene
Concen: 1.578 ng/ul
RT: 14.30 min Scan# 1890
Delta R.T. -0.16 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:165 Resp: 9033

Ion	Ratio	Lower	Upper
165	100		
89	0.0	48.5	72.7#
121	20.1	18.2	27.4

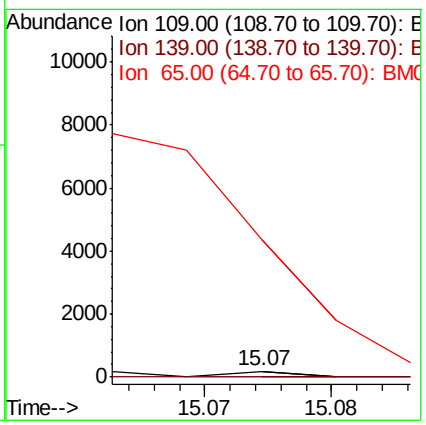


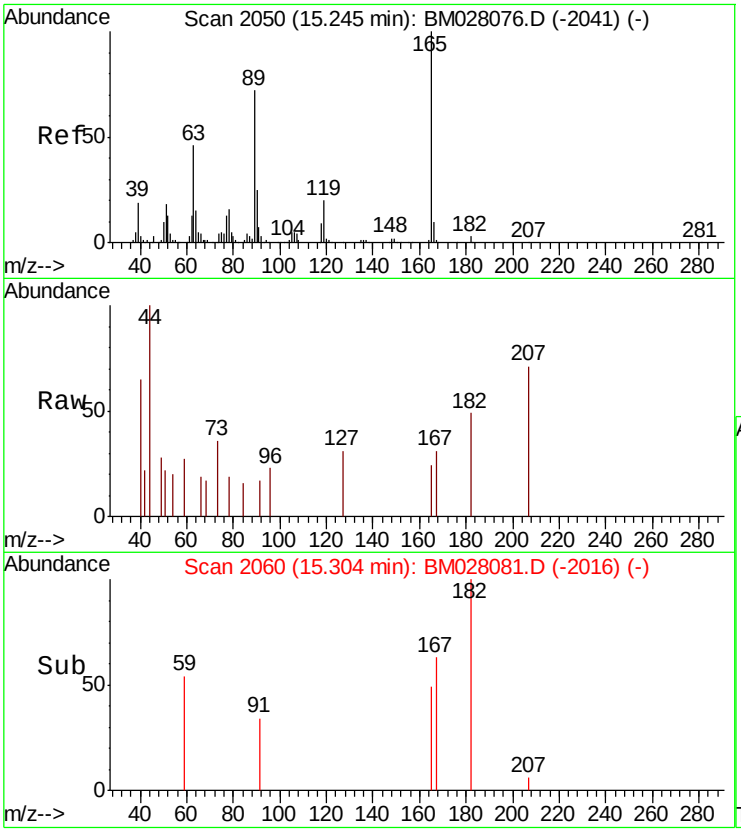


#55
4-Nitrophenol
Concen: 0.017 ng/ul
RT: 15.07 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Tgt Ion:109 Resp: 67

Ion	Ratio	Lower	Upper
109	100		
139	0.0	115.3	172.9#
65	2313.8	118.6	177.8#



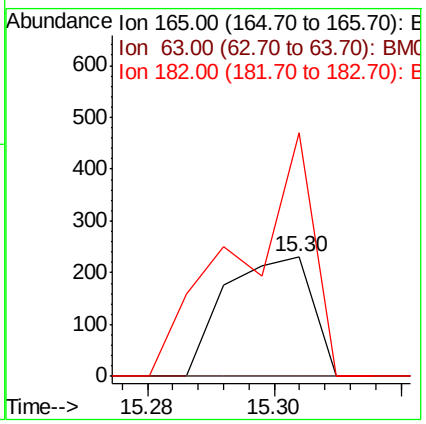


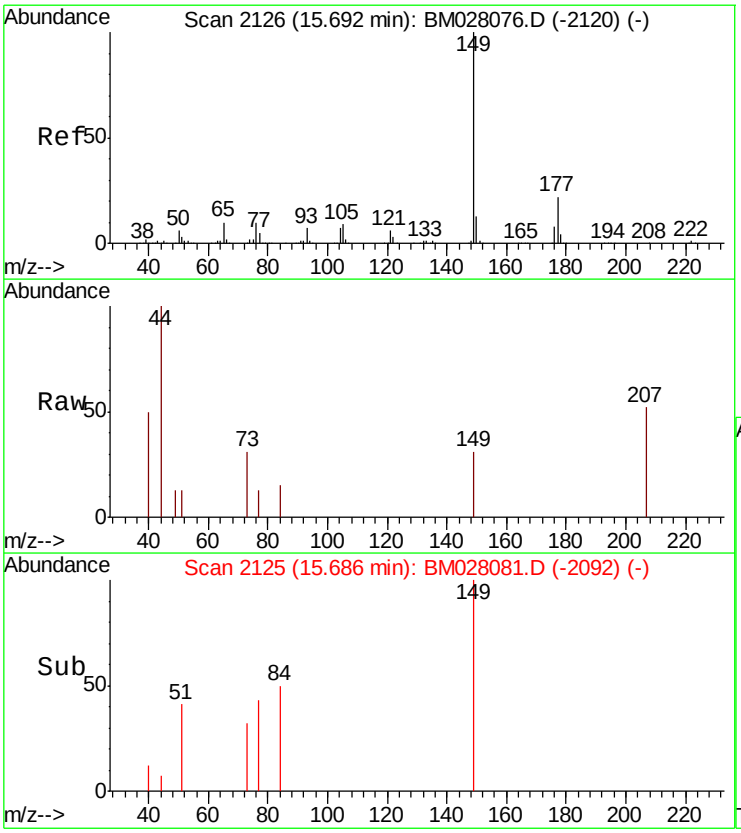
#57
2,4-Dinitrotoluene
Concen: 0.027 ng/ul
RT: 15.30 min Scan# 2060
Delta R.T. 0.06 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:165 Resp: 219

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.4	56.0#
182	203.5	2.6	4.0#

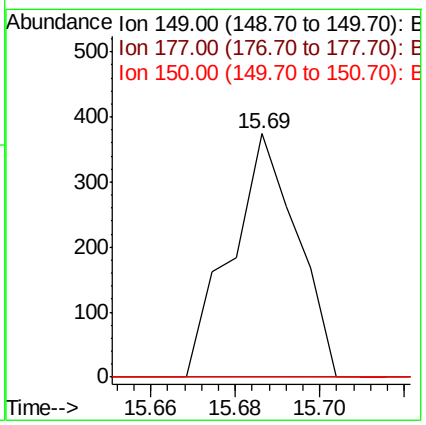


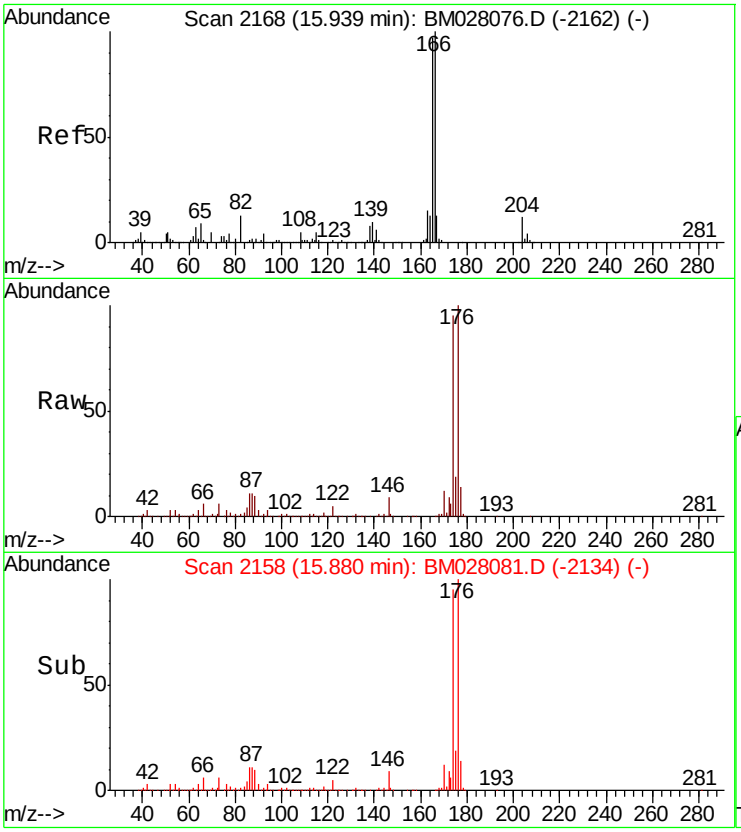


#59
Diethylphthalate
Concen: 0.013 ng/ul
RT: 15.69 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Tgt Ion:149 Resp: 406

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.4	26.0#
150	0.0	9.9	14.9#



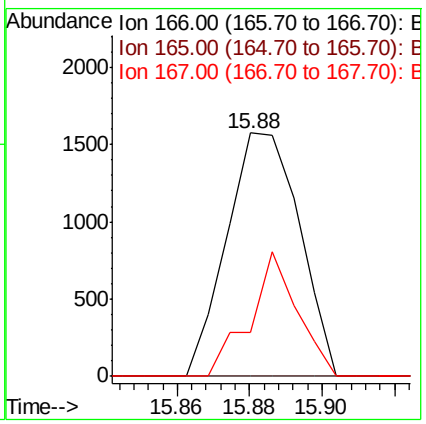


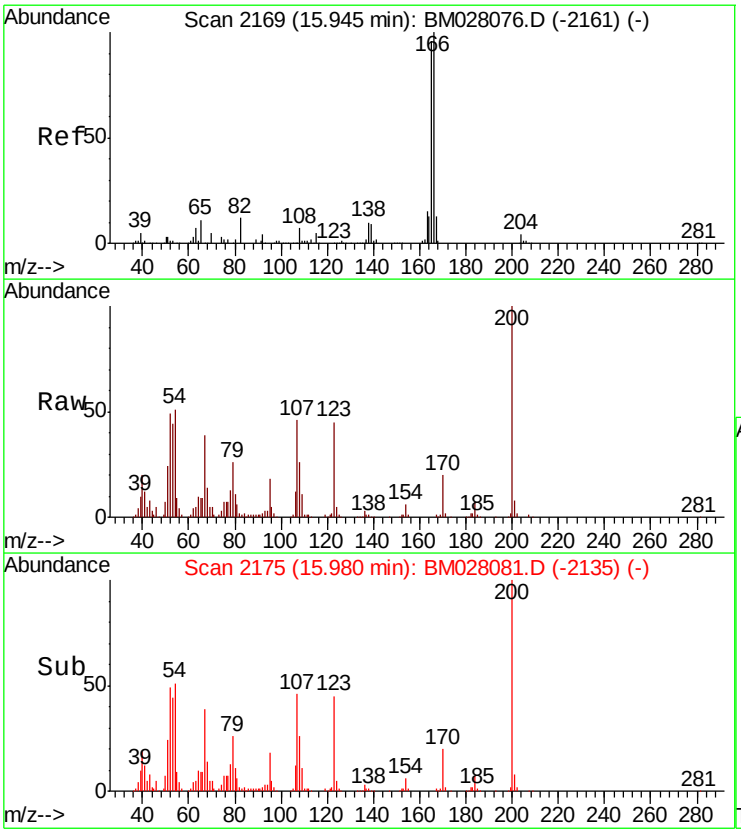
#61
Fluorene
Concen: 0.074 ng/ul
RT: 15.88 min Scan# 2158
Delta R.T. -0.06 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:166 Resp: 2195

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.0	115.4#
167	18.1	10.8	16.2#

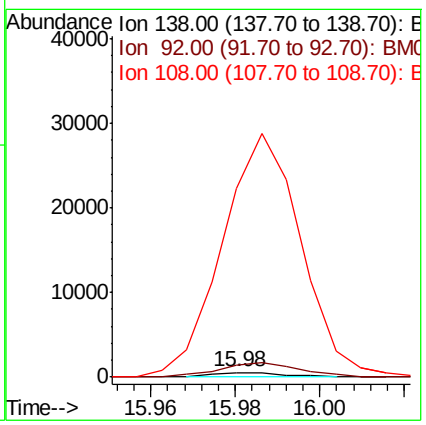


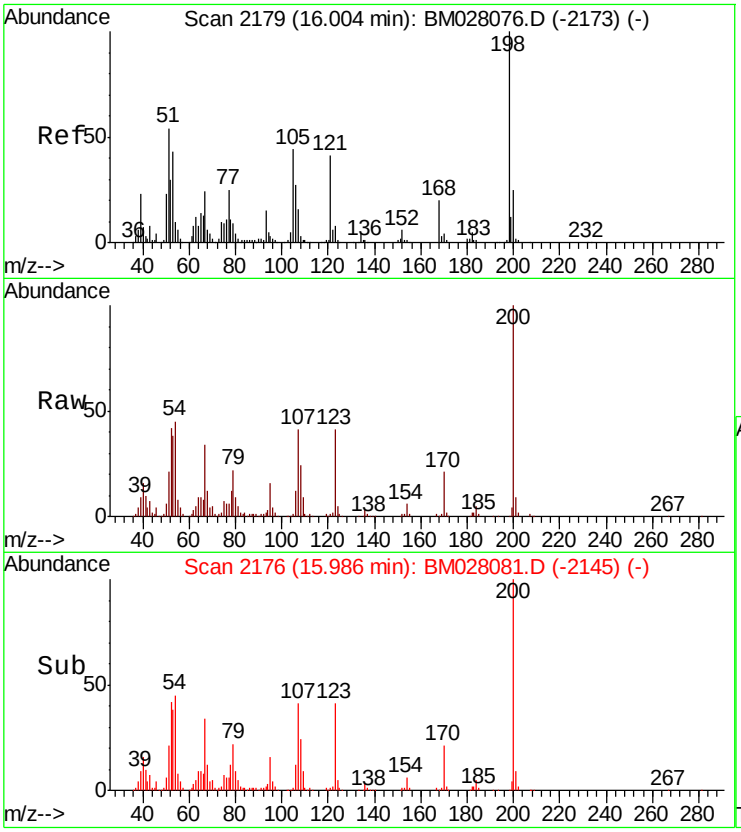


#63
4-Nitroaniline
Concen: 0.150 ng/ul
RT: 15.98 min Scan# 2175
Delta R.T. 0.04 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Tgt Ion:138 Resp: 663

Ion	Ratio	Lower	Upper
138	100		
92	261.1	40.6	60.8#
108	3932.4	55.8	83.6#



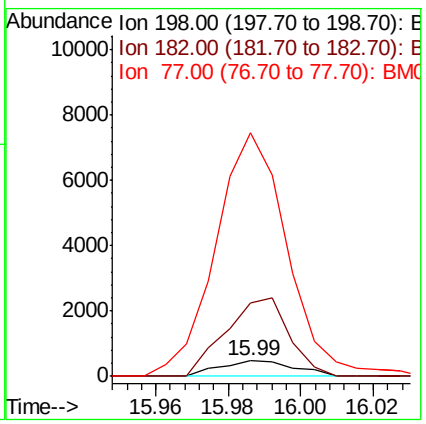


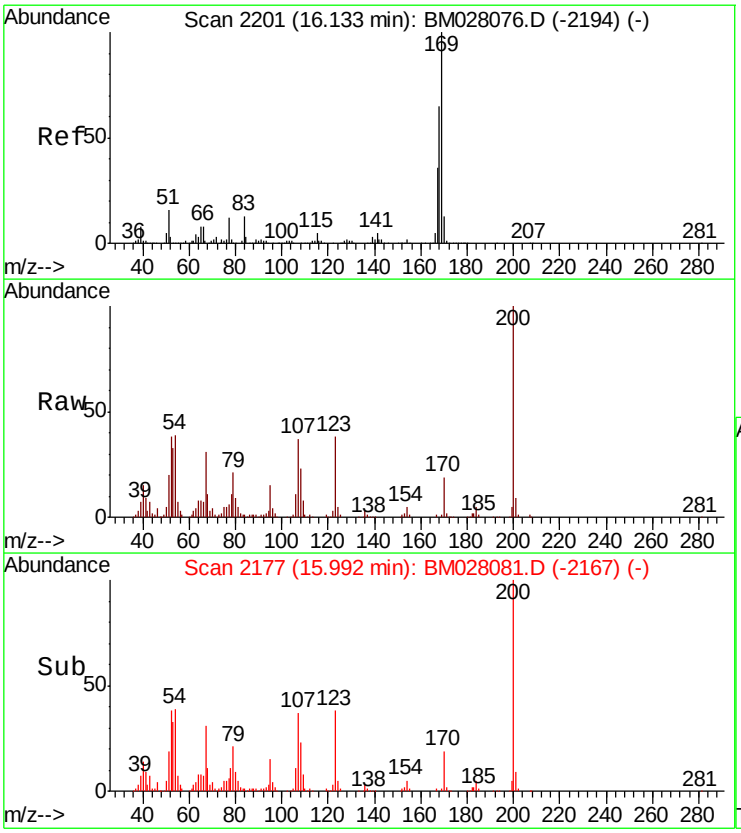
#66
4,6-Dinitro-2-methylphenol
Concen: 0.135 ng/ul
RT: 15.99 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:198 Resp: 677

Ion	Ratio	Lower	Upper
198	100		
182	486.1	3.6	5.4#
77	1599.6	20.5	30.7#

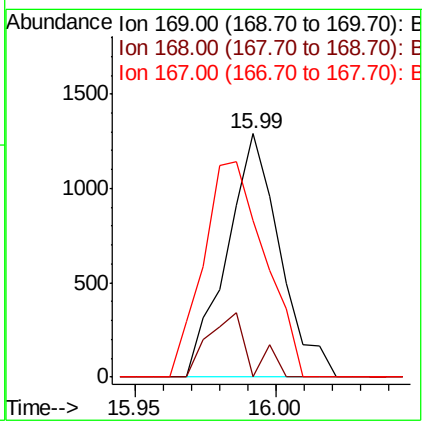


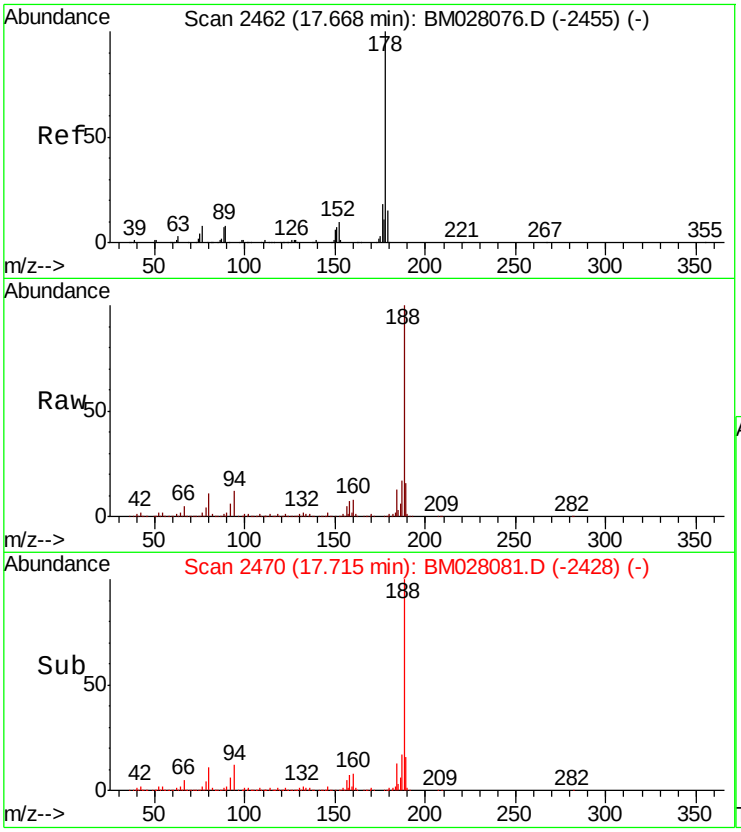


#67
N-Nitrosodiphenylamine
Concen: 0.068 ng/ul
RT: 15.99 min Scan# 2177
Delta R.T. -0.14 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Tgt Ion:169 Resp: 1684

Ion	Ratio	Lower	Upper
169	100		
168	0.0	51.8	77.6#
167	64.1	27.7	41.5#



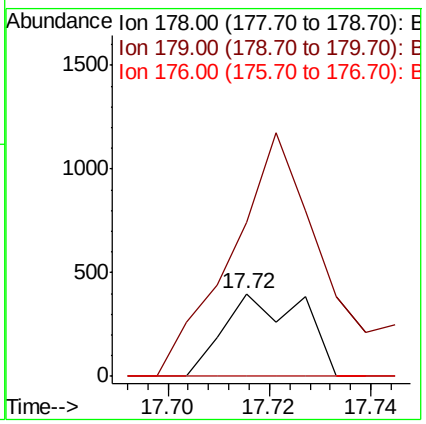


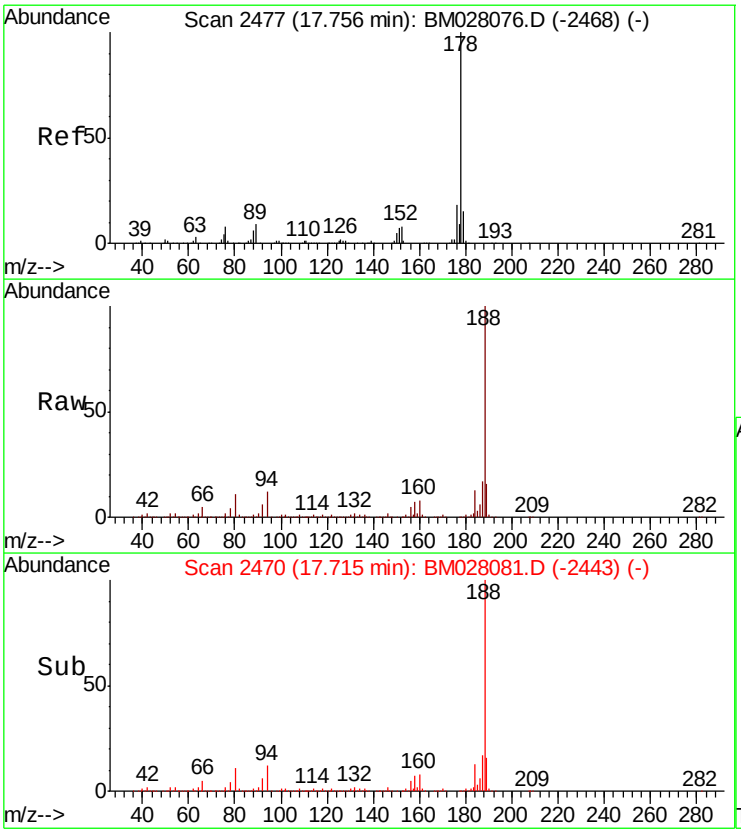
#72
Phenanthrene
Concen: 0.009 ng/ul
RT: 17.72 min Scan# 2470
Delta R.T. 0.05 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:178 Resp: 437

Ion	Ratio	Lower	Upper
178	100		
179	185.0	12.2	18.4#
176	0.0	14.6	21.8#

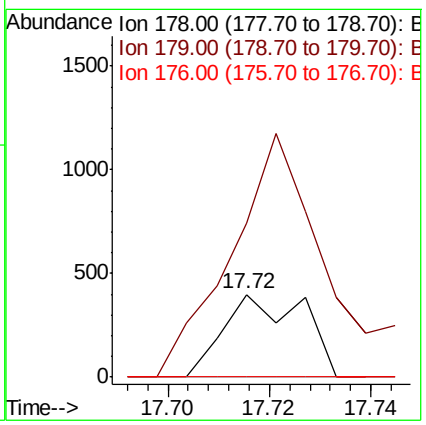


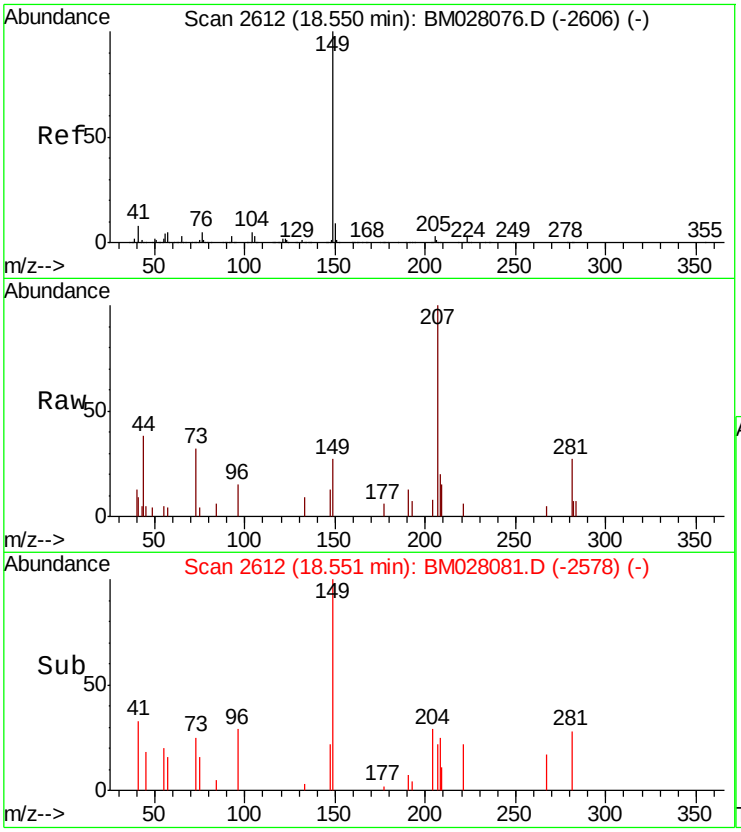


#74
Anthracene
Concen: 0.009 ng/ul
RT: 17.72 min Scan# 2470
Delta R.T. -0.04 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Tgt Ion:178 Resp: 437

Ion	Ratio	Lower	Upper
178	100		
179	185.0	11.8	17.8#
176	0.0	13.9	20.9#



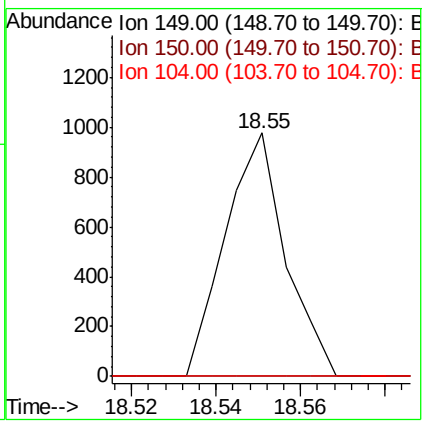


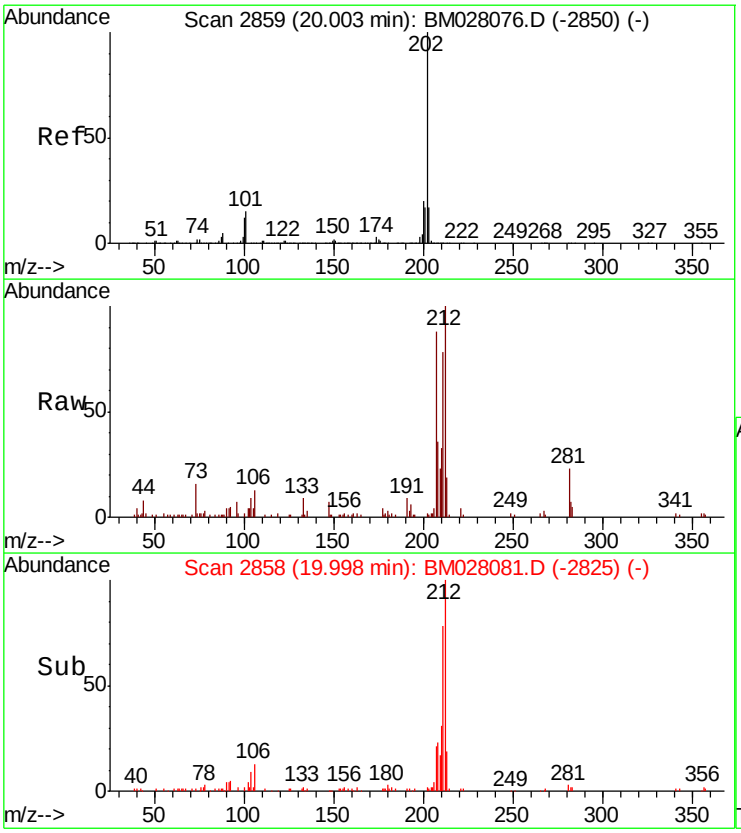
#78
Di-n-butylphthalate
Concen: 0.018 ng/ul
RT: 18.55 min Scan# 2612
Delta R.T. 0.00 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:149 Resp: 968

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.1	10.7#
104	0.0	4.1	6.1#

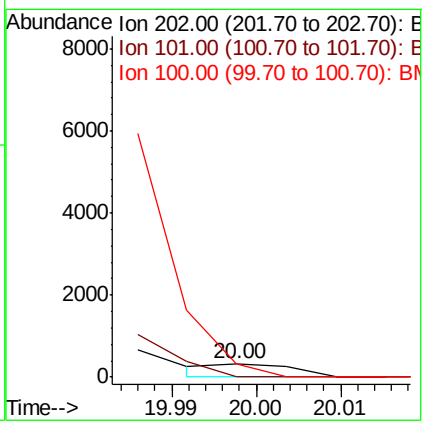


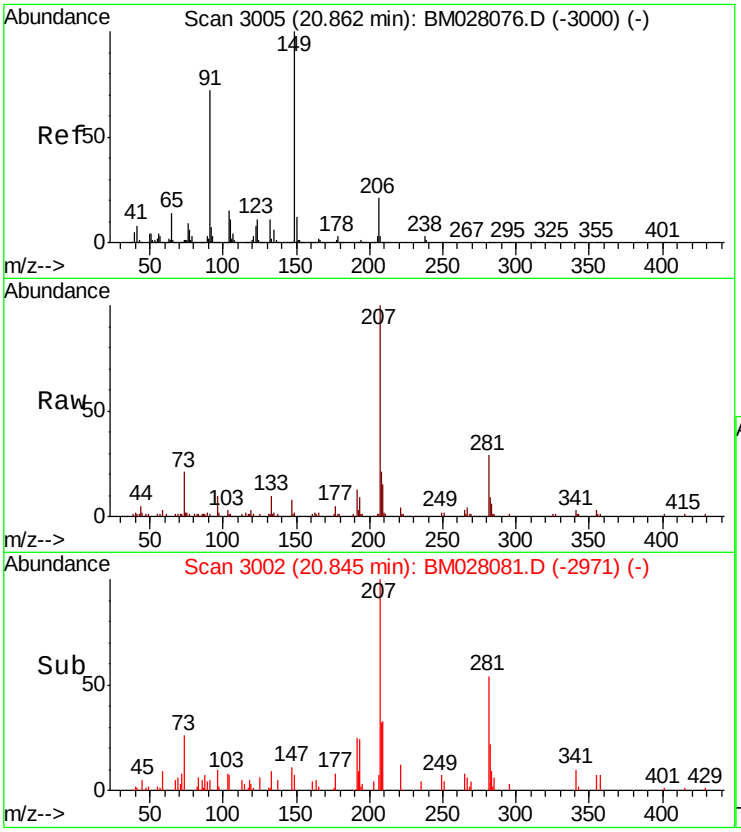


#82
Pyrene
Concen: 0.004 ng/ul
RT: 20.00 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Tgt Ion:202 Resp: 210

Ion	Ratio	Lower	Upper
202	100		
101	0.0	11.8	17.6#
100	98.8	9.8	14.8#



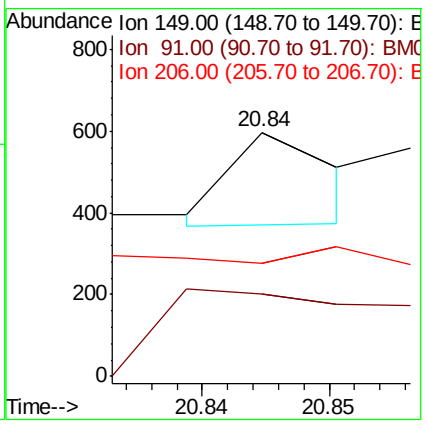


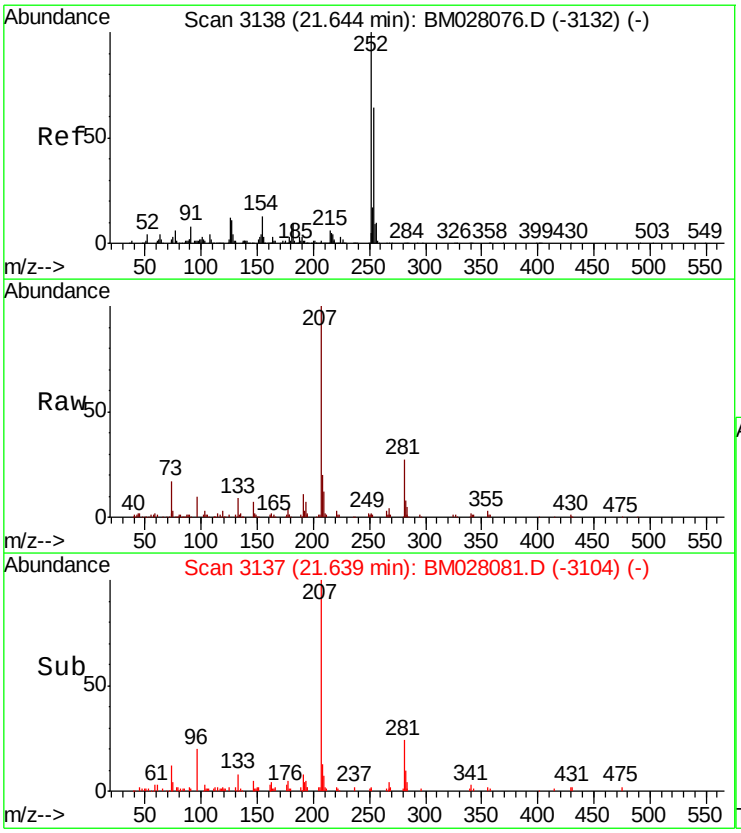
#83
Butylbenzylphthalate
Concen: 0.006 ng/ul
RT: 20.84 min Scan# 3002
Delta R.T. -0.02 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:149 Resp: 129

Ion	Ratio	Lower	Upper
149	100		
91	33.9	55.7	83.5#
206	46.1	16.1	24.1#

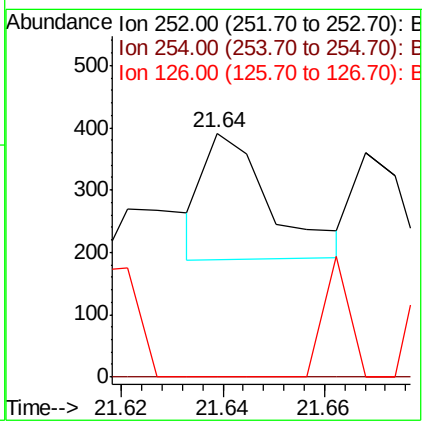


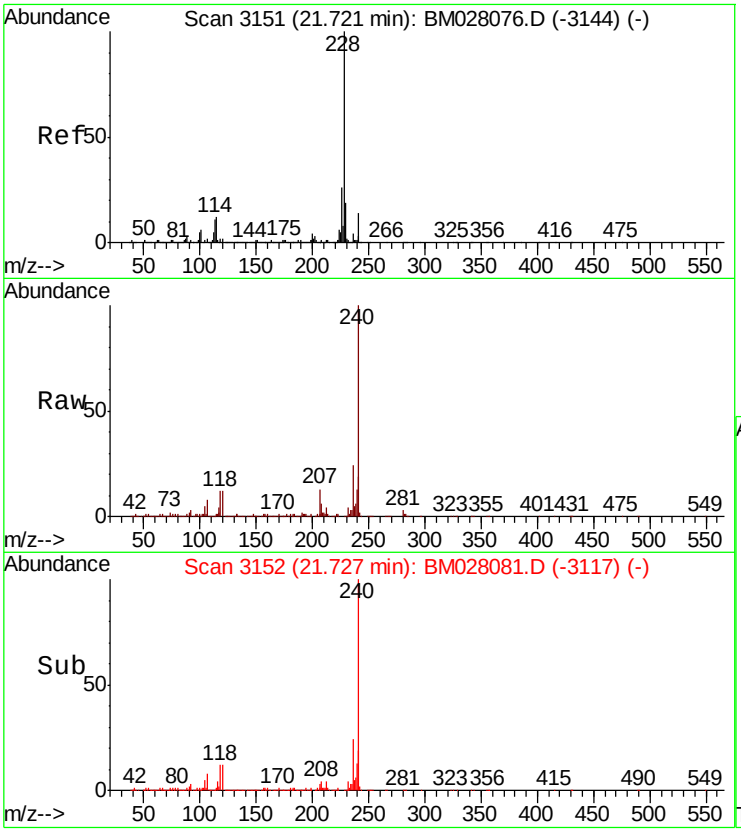


#84
3,3'-Dichlorobenzidine
Concen: 0.011 ng/ul
RT: 21.64 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Tgt Ion:252 Resp: 183

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.4	77.2#
126	0.0	9.9	14.9#



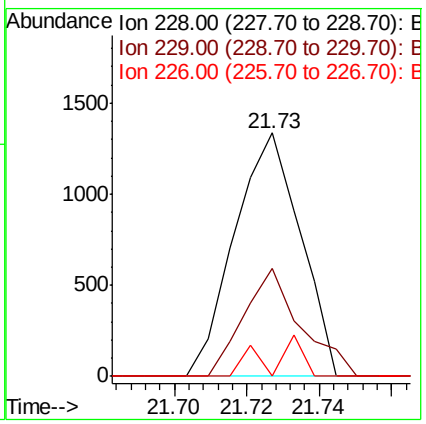


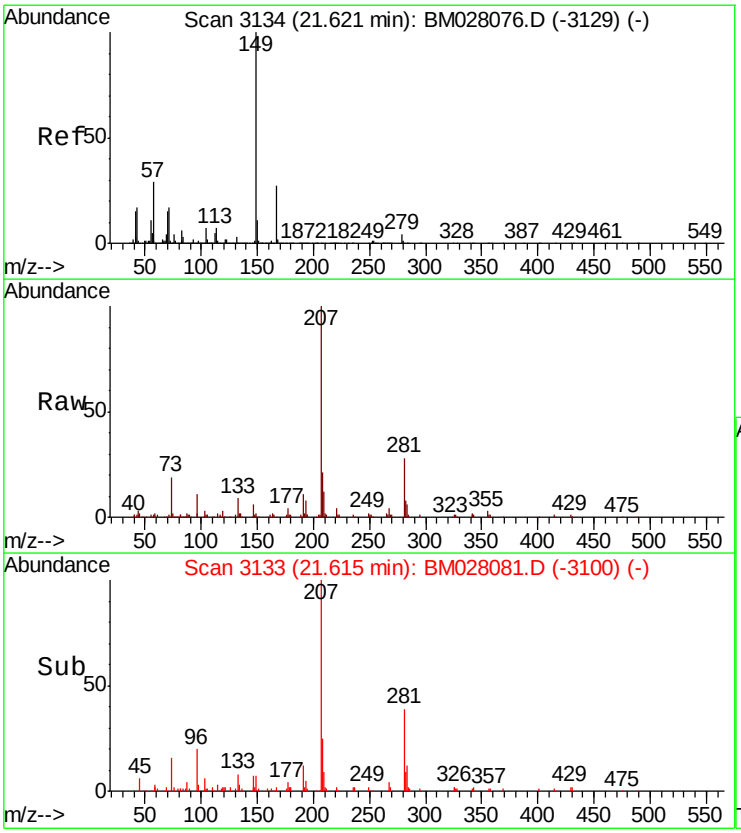
#85
Benzo(a)anthracene
Concen: 0.034 ng/ul
RT: 21.73 min Scan# 3152
Delta R.T. 0.01 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:228 Resp: 1685

Ion	Ratio	Lower	Upper
228	100		
229	44.5	15.0	22.4#
226	0.0	20.9	31.3#

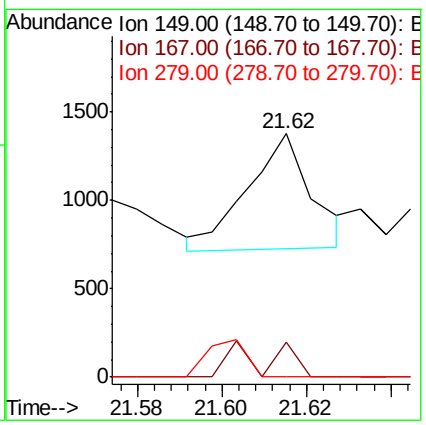


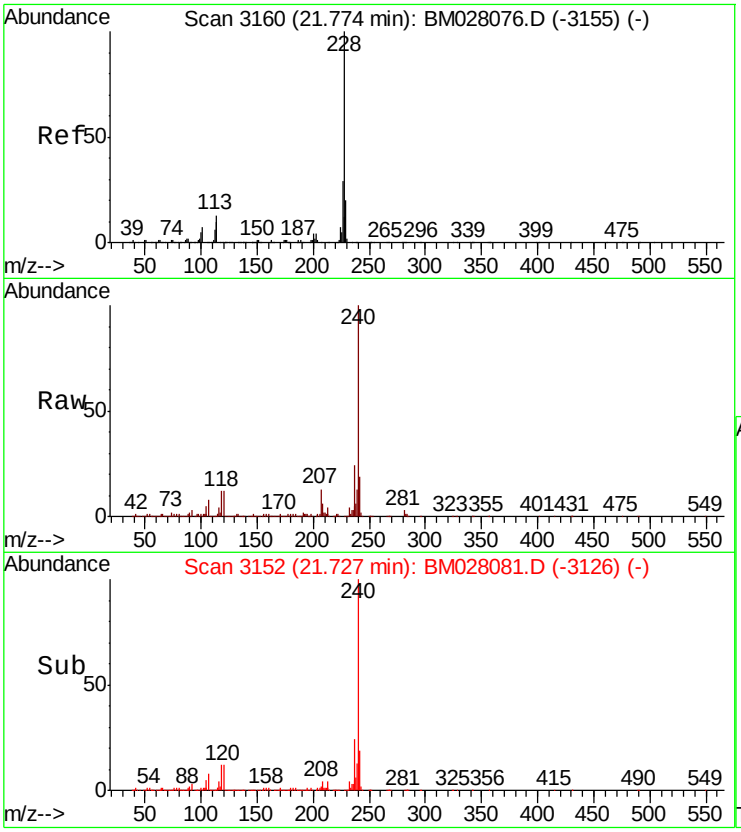


#86
Bis(2-ethylhexyl)phthalate
Concen: 0.020 ng/ul
RT: 21.62 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Tgt Ion:149 Resp: 679

Ion	Ratio	Lower	Upper
149	100		
167	14.3	20.7	31.1#
279	0.0	3.0	4.6#



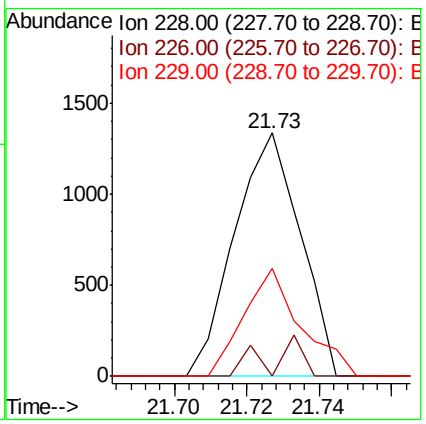


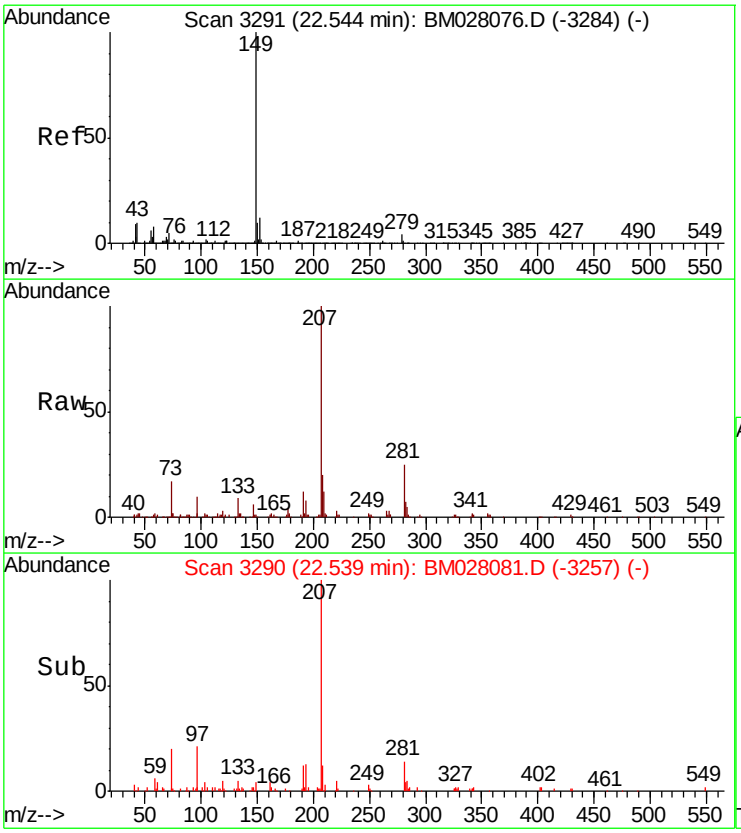
#87
Chrysene
Concen: 0.034 ng/ul
RT: 21.73 min Scan# 3152
Delta R.T. -0.05 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:228 Resp: 1685

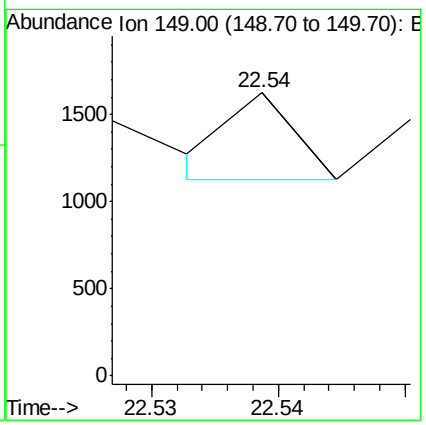
Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.4#
229	44.5	15.5	23.3#

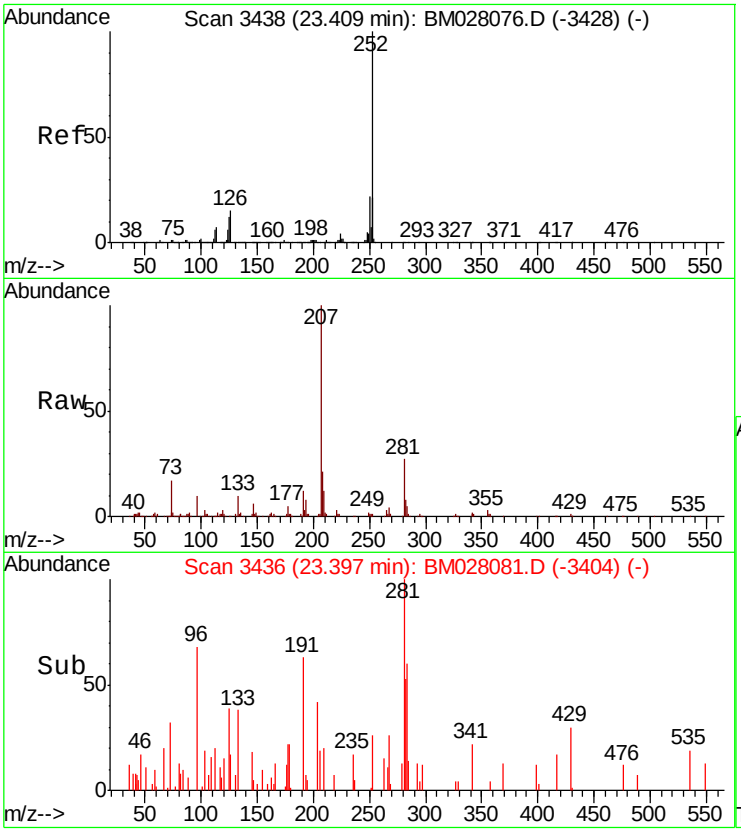




#89
Di-n-octyl phthalate
Concen: 0.003 ng/ul
RT: 22.54 min Scan# 3290
Delta R.T. -0.01 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Tgt Ion:149 Resp: 176



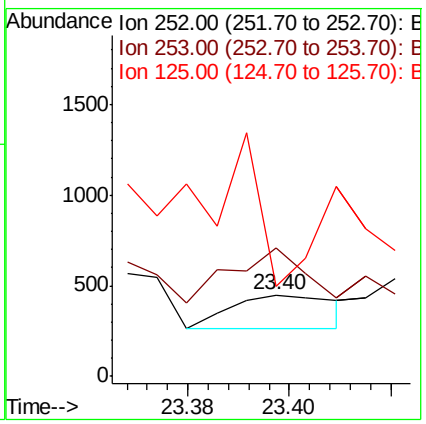


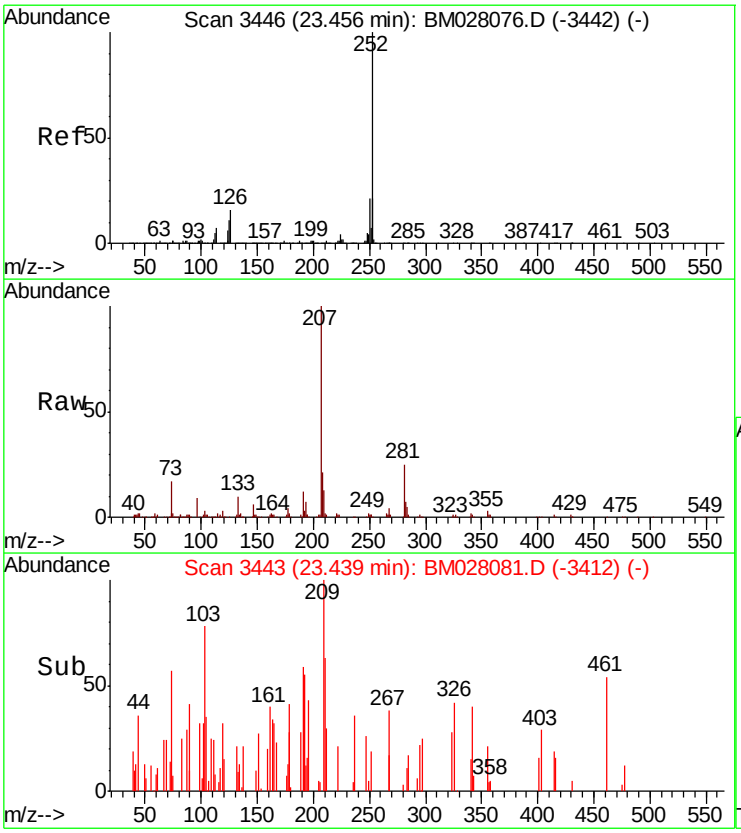
#90
Benzo(b)fluoranthene
Concen: 0.005 ng/ul
RT: 23.40 min Scan# 3436
Delta R.T. -0.01 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:252 Resp: 259

Ion	Ratio	Lower	Upper
252	100		
253	157.4	17.7	26.5#
125	158.5	10.2	15.4#

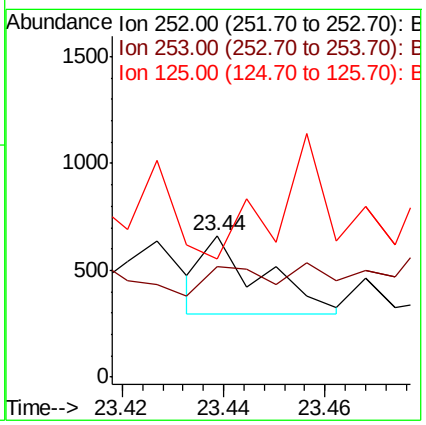


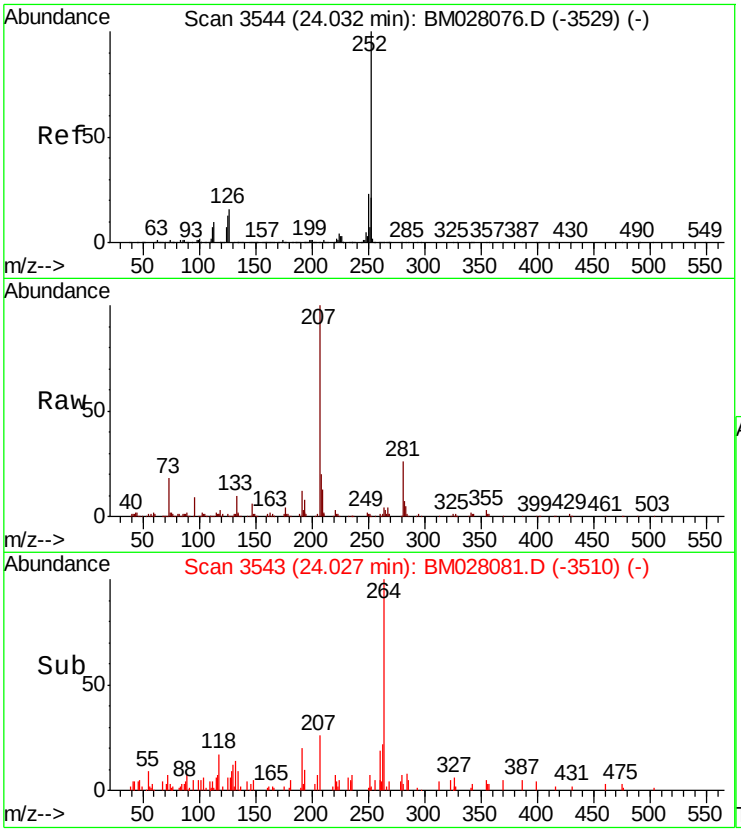


#91
Benzo(k)fluoranthene
Concen: 0.006 ng/ul
RT: 23.44 min Scan# 3443
Delta R.T. -0.02 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Tgt Ion:252 Resp: 288

Ion	Ratio	Lower	Upper
252	100		
253	78.1	17.4	26.0#
125	83.7	9.3	13.9#





#93
Benzo(a)pyrene
Concen: 0.002 ng/ul
RT: 24.03 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BM028081.D
Acq: 08 Dec 2020 21:11

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:252 Resp: 102

Ion	Ratio	Lower	Upper
252	100		
253	103.1	17.4	26.2#
125	163.2	10.3	15.5#