Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120820\
Data File : BM028083.D
Acq On : 08 Dec 2020 22:23
Operator : JU/CG
Sample : PB133258BL
Misc : MDL-WATER-BL-02
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK258

Quant Time: Dec 09 03:37:58 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	145575	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	586122	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.90	164	334716	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	680131	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	683282	20.00	ng/ul	-0.01
88) Perylene-d12	24.13	264	698365	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	29948	7.86	ng/uL	0.00
4) Pyridine-d5	3.93	84	405836	38.98	ng/ul	0.00
7) Phenol-d5	7.41	99	482610	38.84	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	302704	38.34	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	409030	39.54	ng/ul	0.00
15) 4-Methylphenol-d8	8.98	113	383705	37.83	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	188698	39.90	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	197633	40.58	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.72	165	362589	37.89	ng/ul	0.00
31) 4-Chloroaniline-d4	11.24	131	533564	39.97	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1100899	41.37	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	1264818	39.11	ng/ul	0.00
54) 4-Nitrophenol-d4	15.06	143	187569	37.41	ng/ul	0.00
60) Fluorene-d10	15.88	176	919692	39.73	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	137198	33.02	ng/ul	0.00
73) Anthracene-d10	17.72	188	1399090	41.33	ng/ul	0.00
81) Pyrene-d10	19.97	212	1530092	41.24	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.97	264	1613603	42.20	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	166	0.042	ng/uL#	1
5) Pyridine	3.93	79	383	0.037	ng/ul#	1
6) Benzaldehyde	7.41	77	1023	0.211	ng/ul#	1
10) Bis(2-Chloroethyl)ether	7.80	93	497	0.047	ng/ul#	1
14) 2,2'-oxybis(1-Chloropropan	8.98	45	2895	0.164	ng/ul#	75
17) N-Nitroso-di-n-propylamine	8.98	70	9421	1.254	ng/ul#	1
22) Nitrobenzene	9.46	77	1807	0.157	ng/ul#	33
23) Isophorone	10.19	82	15720	0.773	ng/ul#	72
30) Naphthalene	11.24	128	513	0.015	ng/ul#	1
47) Dimethylphthalate	14.30	163	611	0.022	ng/ul#	1
48) 2,6-Dinitrotoluene	14.30	165	8678	1.650	ng/ul#	36
57) 2,4-Dinitrotoluene	15.29	165	128	0.017	ng/ul#	7
59) Diethylphthalate	15.69	149	235	0.008	ng/ul#	59
61) Fluorene	15.88	166	1893	0.069	ng/ul#	8
63) 4-Nitroaniline	15.99	138	596	0.147	ng/ul#	1
66) 4,6-Dinitro-2-methylphenol	15.99	198	531	0.118	ng/ul#	1
67) N-Nitrosodiphenylamine	16.00	169	1258	0.056	ng/ul#	53
72) Phenanthrene	17.62	178	297	0.007	ng/ul#	1
74) Anthracene	17.72	178	511	0.012	ng/ul#	1
78) Di-n-butylphthalate	18.54	149	933	0.020	ng/ul#	79
80) Fluoranthene	19.64	202	207	0.004	ng/ul#	71
82) Pyrene	19.97	202	2208	0.044	ng/ul#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120820\
Data File : BM028083.D
Acq On : 08 Dec 2020 22:23
Operator : JU/CG
Sample : PB133258BL
Misc : MDL-WATER-BL-02
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK258

Quant Time: Dec 09 03:37:58 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)
83) Butylbenzylphthalate	20.85	149	98	0.005	ng/ul#	54
84) 3,3'-Dichlorobenzidine	21.63	252	473	0.031	ng/ul#	10
85) Benzo(a)anthracene	21.73	228	1798	0.039	ng/ul#	77
86) Bis(2-ethylhexyl)phthalate	21.60	149	527	0.016	ng/ul#	80
87) Chrysene	21.73	228	1798	0.039	ng/ul#	75
89) Di-n-octyl phthalate	22.52	149	264	0.005	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	198	0.004	ng/ul#	1
91) Benzo(k)fluoranthene	23.44	252	156	0.003	ng/ul#	1
93) Benzo(a)pyrene	24.02	252	107	0.002	ng/ul#	1

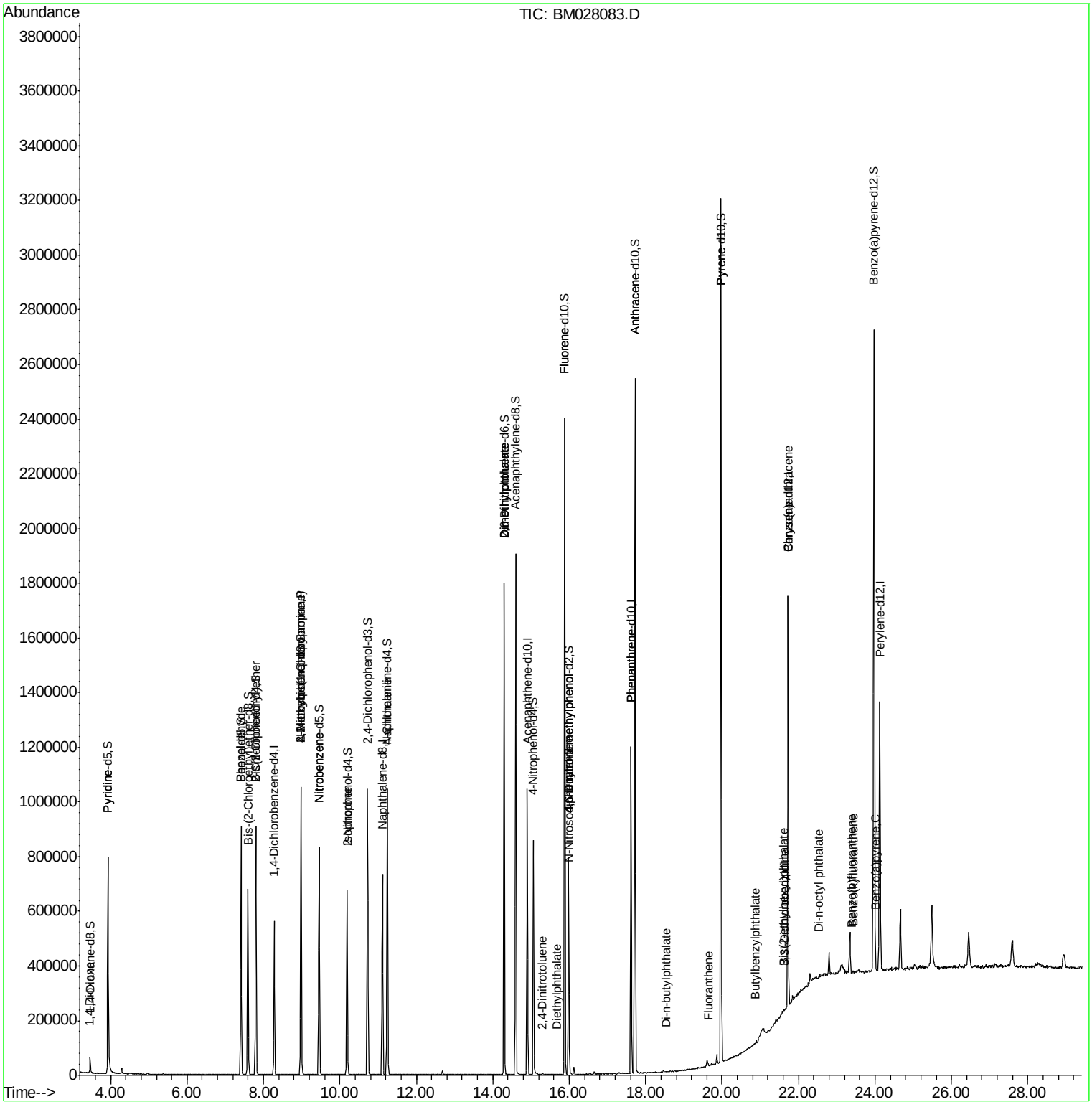
(#) = qualifier out of range (m) = manual integration (+) = signals summed

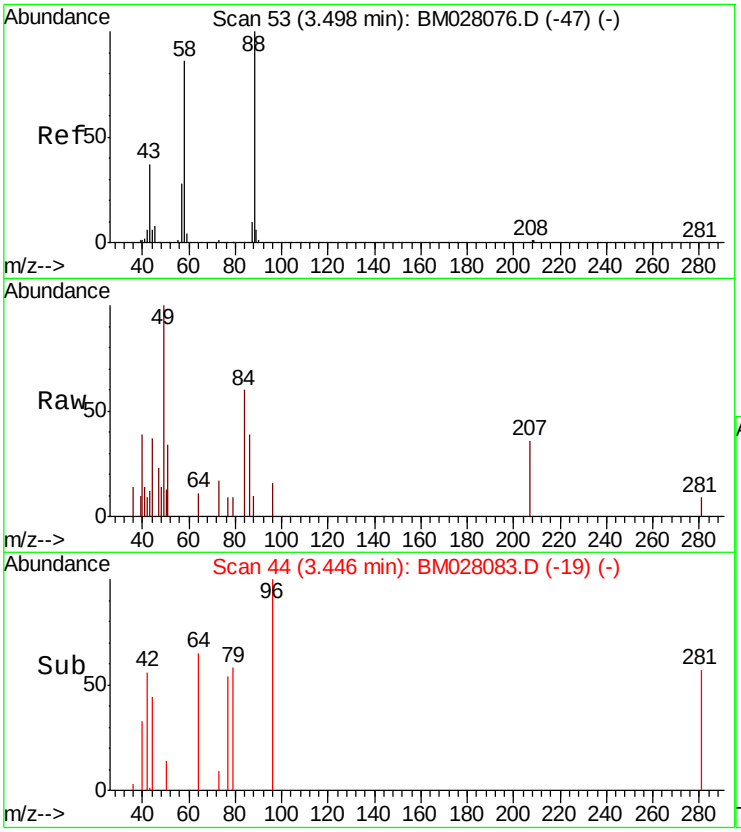
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120820\
Data File : BM028083.D
Acq On : 08 Dec 2020 22:23
Operator : JU/CG
Sample : PB133258BL
Misc : MDL-WATER-BL-02
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK258

Quant Time: Dec 09 03:37:58 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



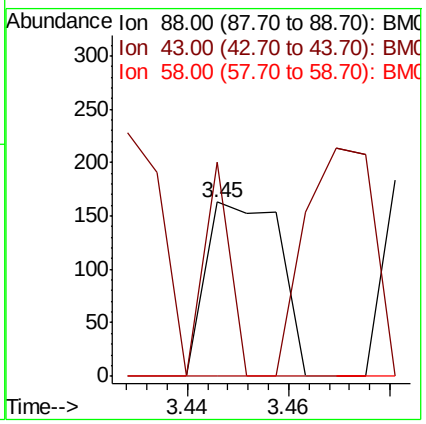


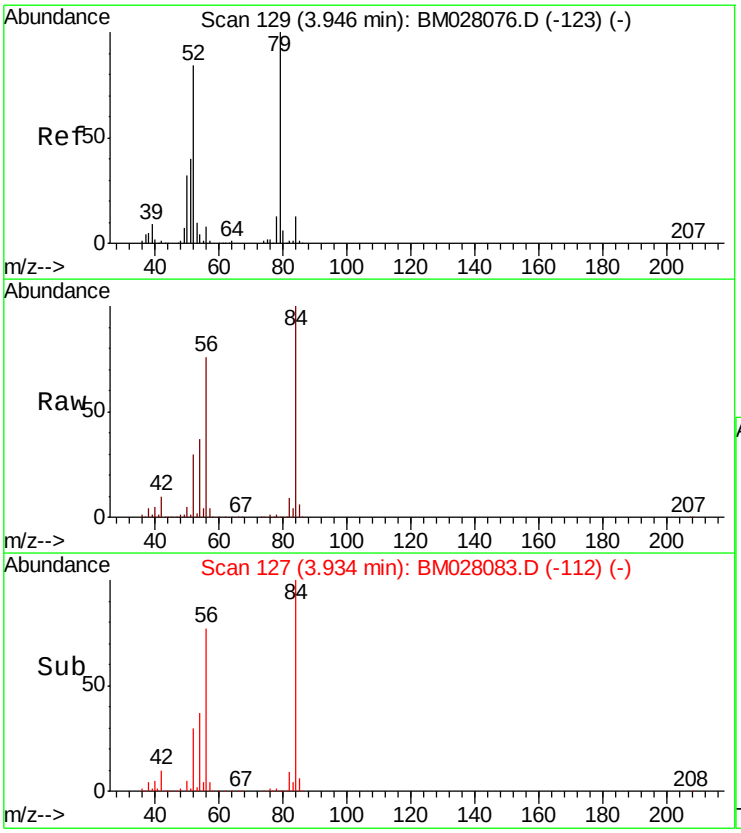
#2
1,4-Dioxane
Concen: 0.042 ng/uL
RT: 3.45 min Scan# 44
Delta R.T. -0.05 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion: 88 Resp: 166

Ion	Ratio	Lower	Upper
88	100		
43	122.7	27.5	41.3#
58	0.0	63.2	94.8#

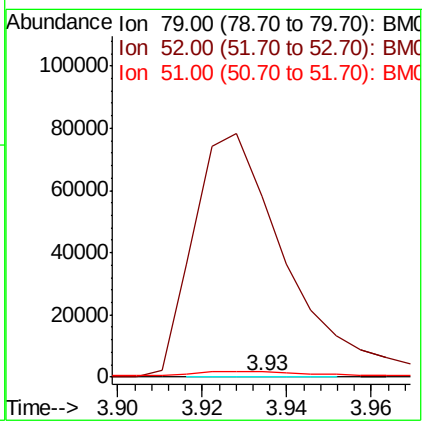


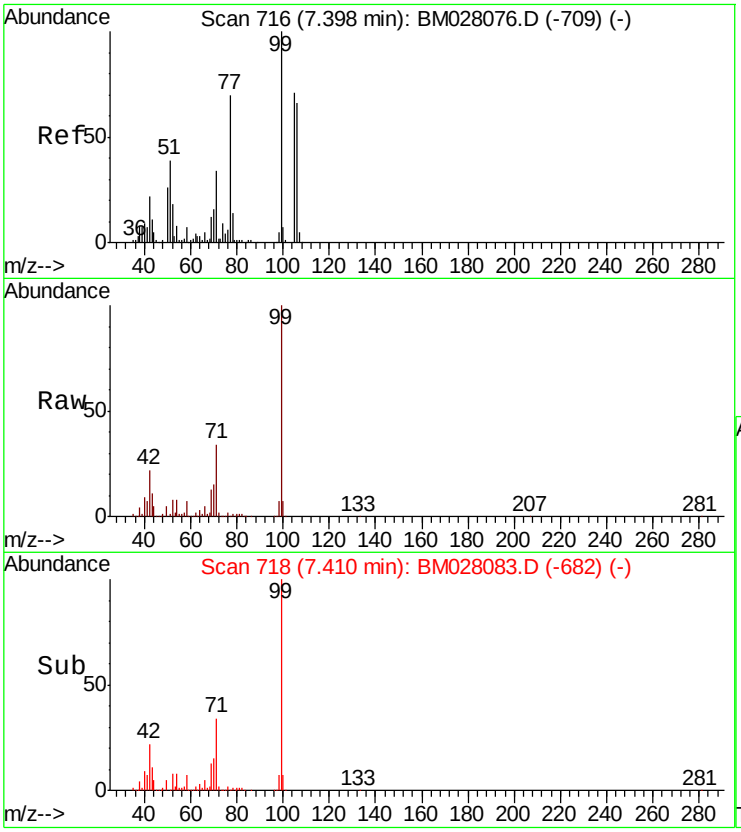


#5
Pyridine
Concen: 0.037 ng/ul
RT: 3.93 min Scan# 127
Delta R.T. -0.01 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Tgt Ion: 79 Resp: 383

Ion	Ratio	Lower	Upper
79	100		
52	21770.8	72.8	109.2#
51	606.0	34.9	52.3#



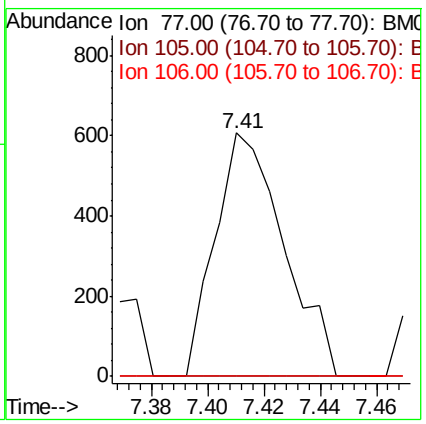


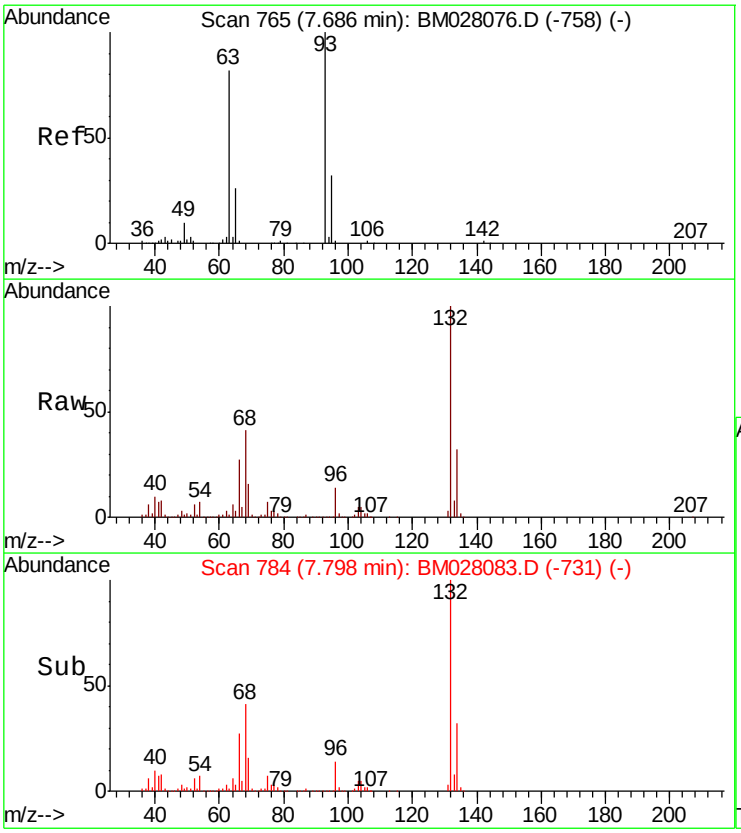
#6
Benzaldehyde
Concen: 0.211 ng/ul
RT: 7.41 min Scan# 718
Delta R.T. 0.01 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion: 77 Resp: 1023

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

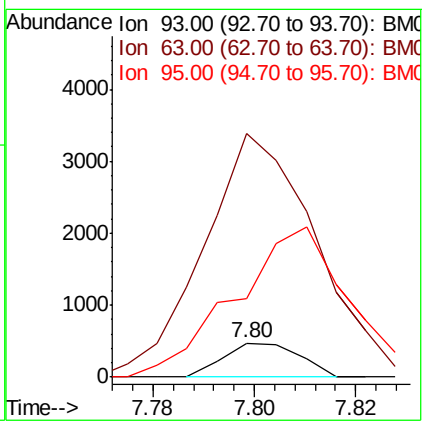


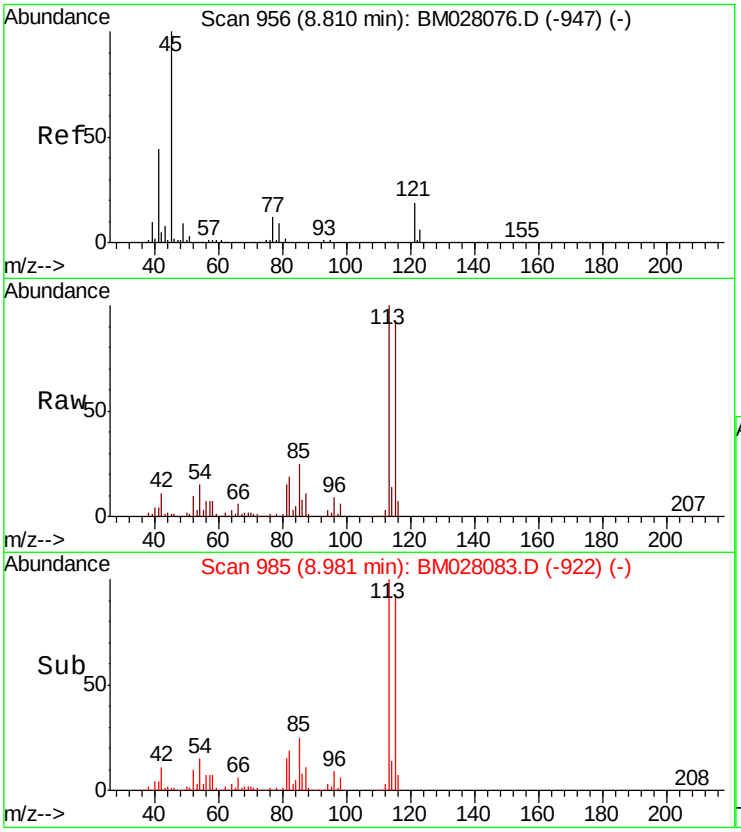


#10
Bis(2-Chloroethyl)ether
Concen: 0.047 ng/ul
RT: 7.80 min Scan# 784
Delta R.T. 0.11 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Tgt Ion: 93 Resp: 497

Ion	Ratio	Lower	Upper
93	100		
63	713.9	67.0	100.4#
95	231.2	26.8	40.2#



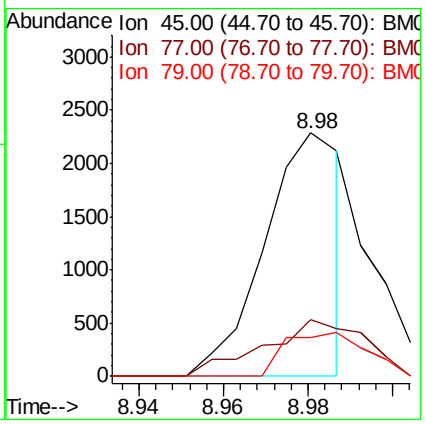


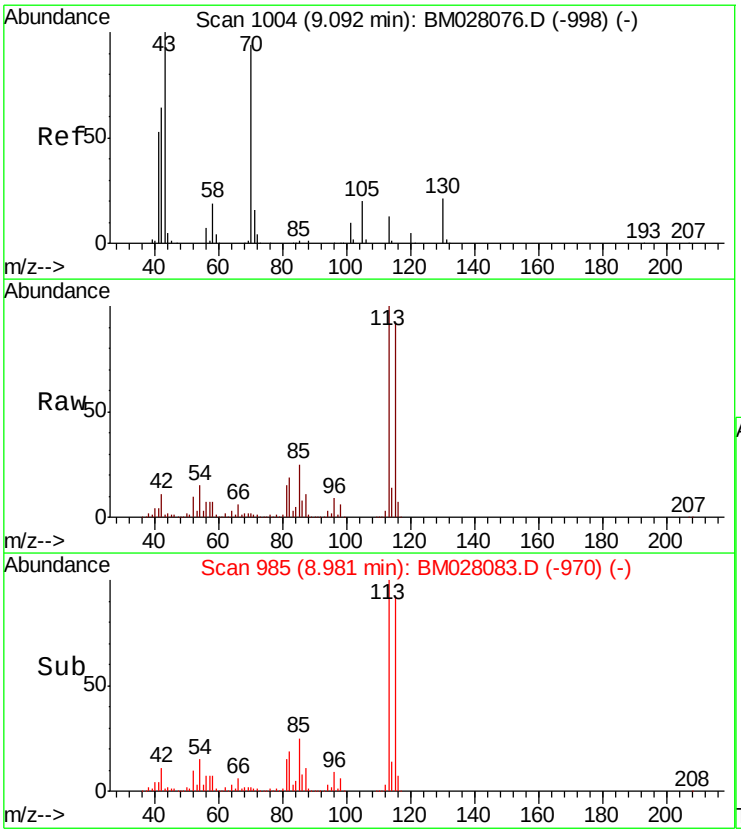
#14
2,2'-oxybis(1-Chloropropane)
Concen: 0.164 ng/ul
RT: 8.98 min Scan# 985
Delta R.T. 0.17 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion: 45 Resp: 2895

Ion	Ratio	Lower	Upper
45	100		
77	23.4	9.5	14.3#
79	16.0	7.4	11.0#

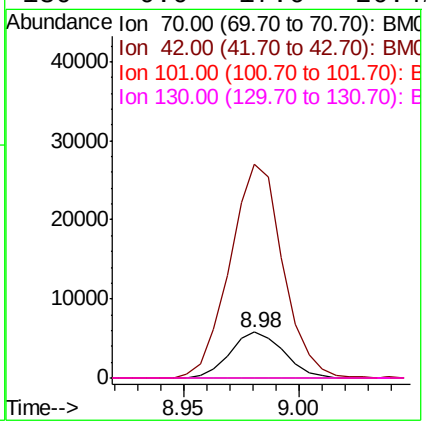


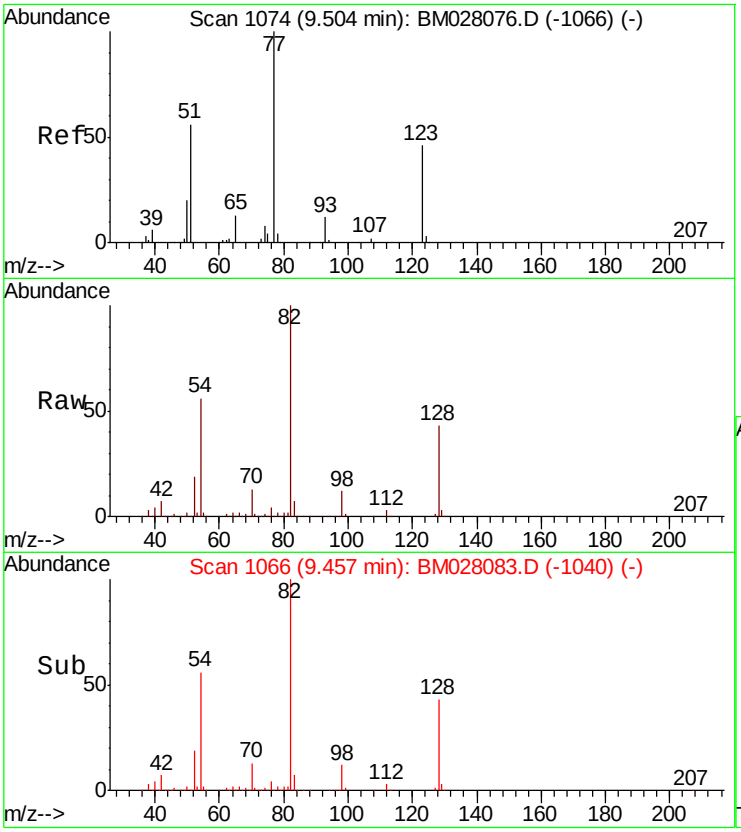


#17
N-Nitroso-di-n-propylamine
Concen: 1.254 ng/ul
RT: 8.98 min Scan# 985
Delta R.T. -0.11 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Tgt Ion: 70 Resp: 9421

Ion	Ratio	Lower	Upper
70	100		
42	465.7	55.0	82.4#
101	0.0	8.6	12.8#
130	0.0	17.6	26.4#



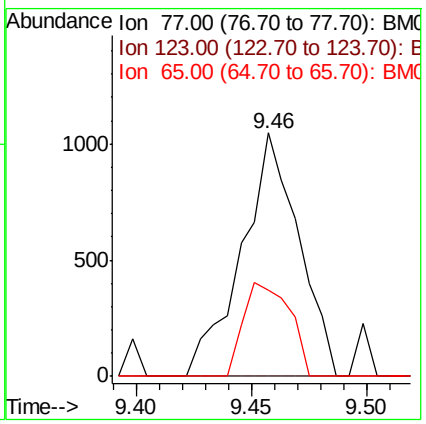


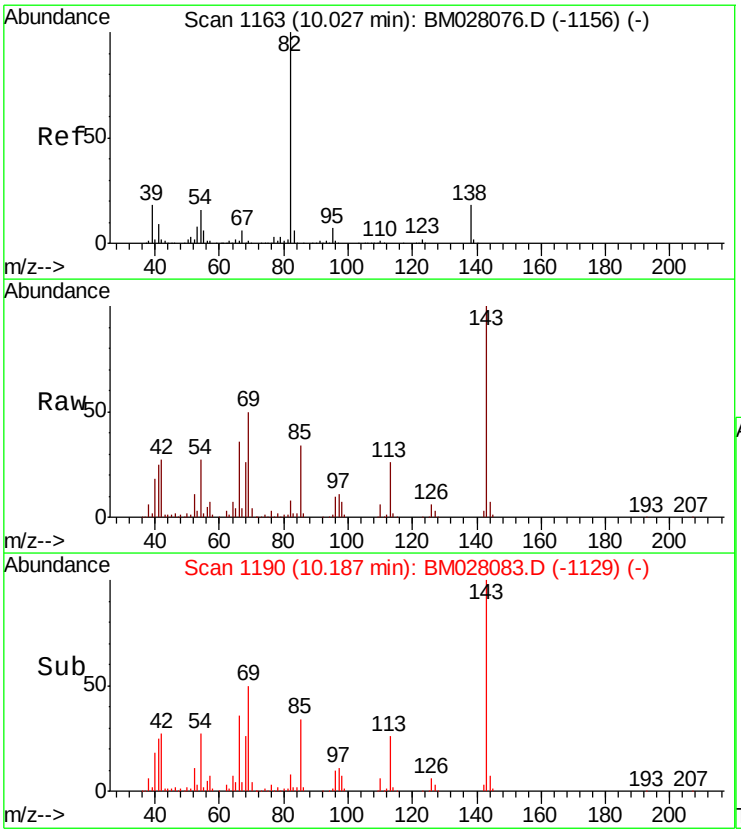
#22
Nitrobenzene
Concen: 0.157 ng/ul
RT: 9.46 min Scan# 1066
Delta R.T. -0.05 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion: 77 Resp: 1807

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	35.2	11.1	16.7#

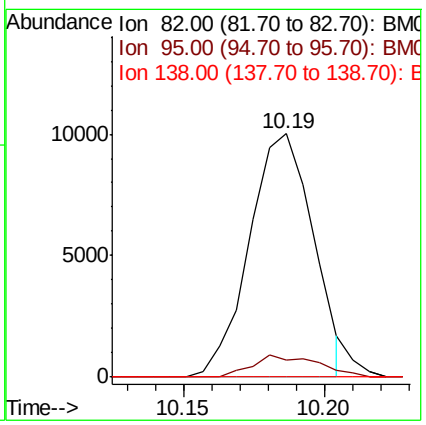


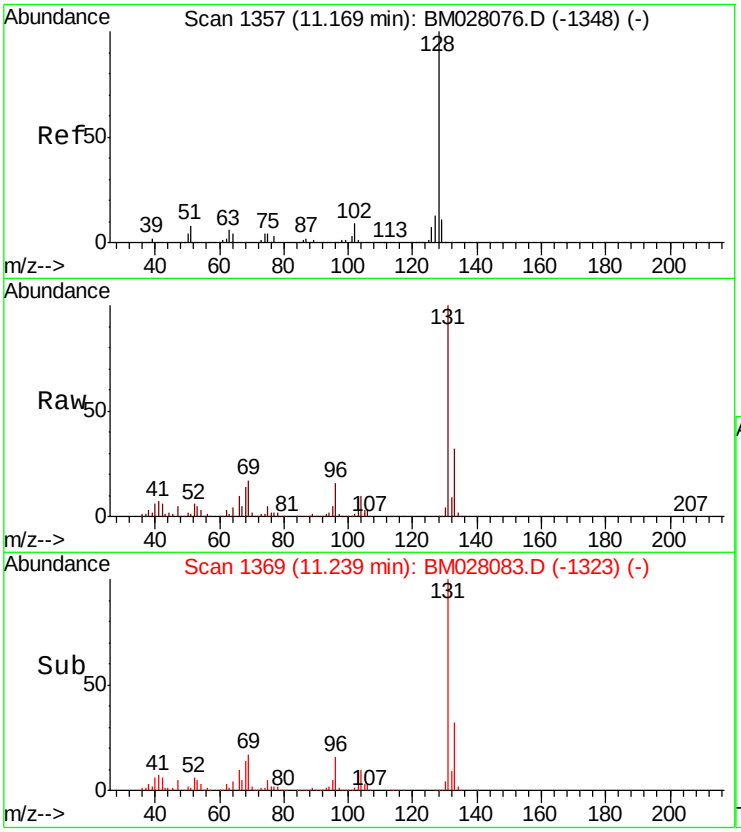


#23
Isophorone
Concen: 0.773 ng/ul
RT: 10.19 min Scan# 1190
Delta R.T. 0.16 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Tgt Ion: 82 Resp: 15720

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	0.0	13.5	20.3#



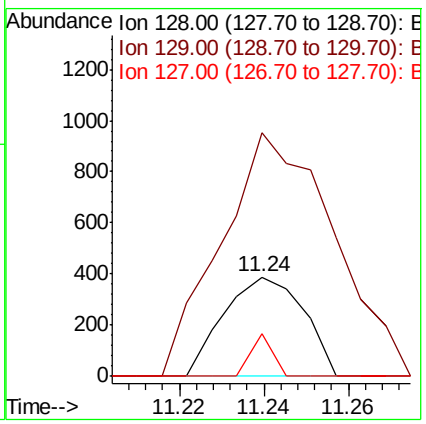


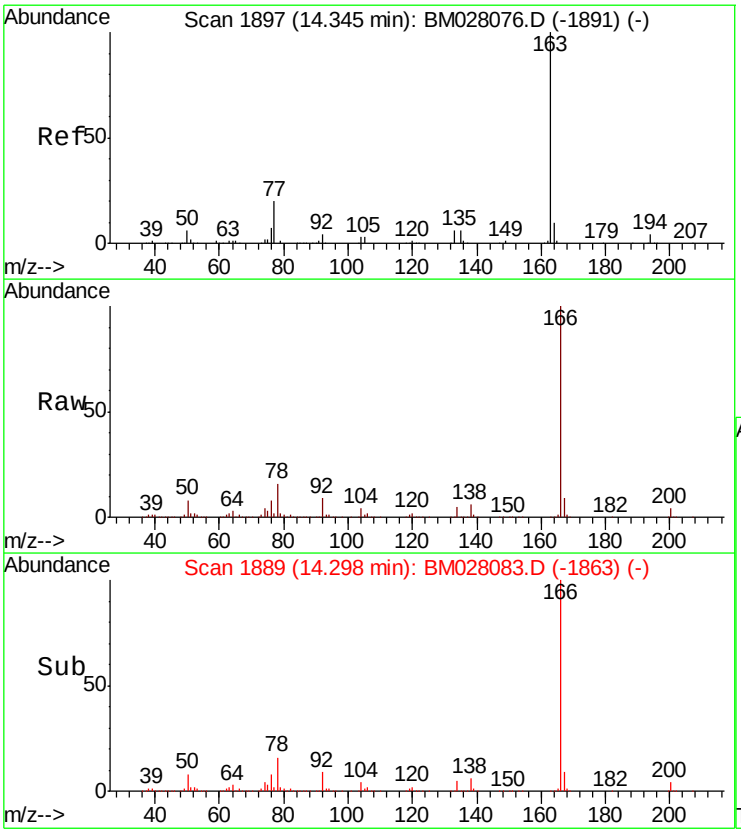
#30
Naphthalene
Concen: 0.015 ng/ul
RT: 11.24 min Scan# 1369
Delta R.T. 0.07 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:128 Resp: 513

Ion	Ratio	Lower	Upper
128	100		
129	244.7	8.7	13.1#
127	42.2	10.7	16.1#

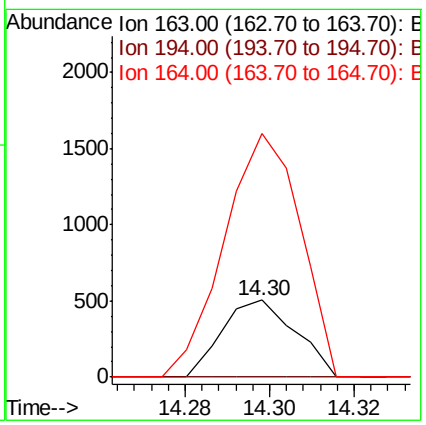


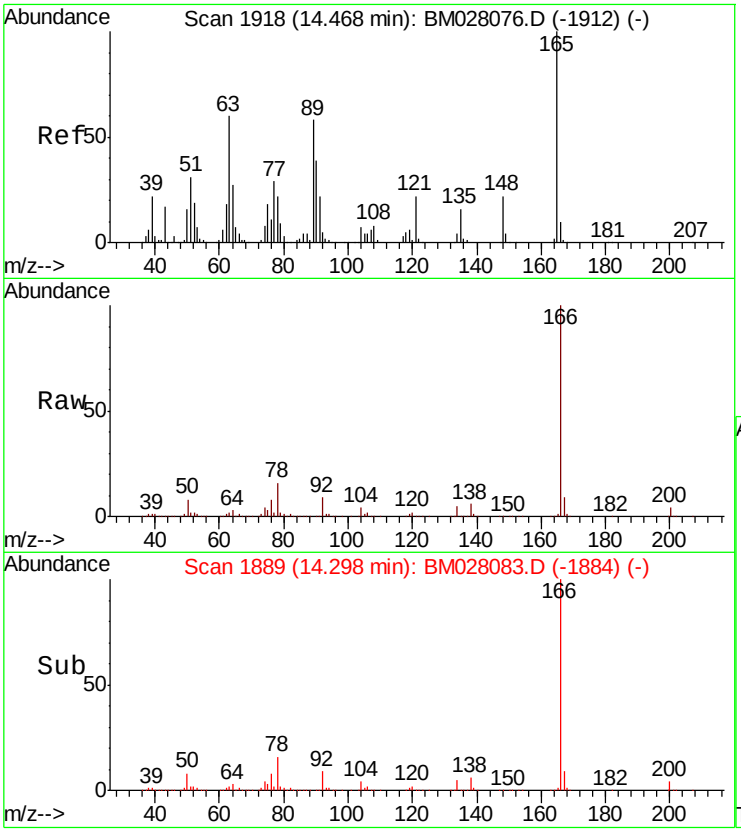


#47
Dimethylphthalate
Concen: 0.022 ng/ul
RT: 14.30 min Scan# 1889
Delta R.T. -0.05 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Tgt Ion:163 Resp: 611

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.0#
164	316.6	8.0	12.0#



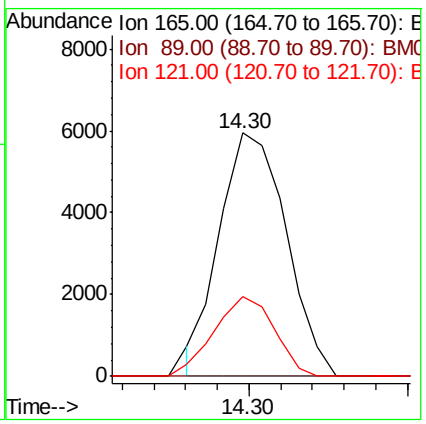


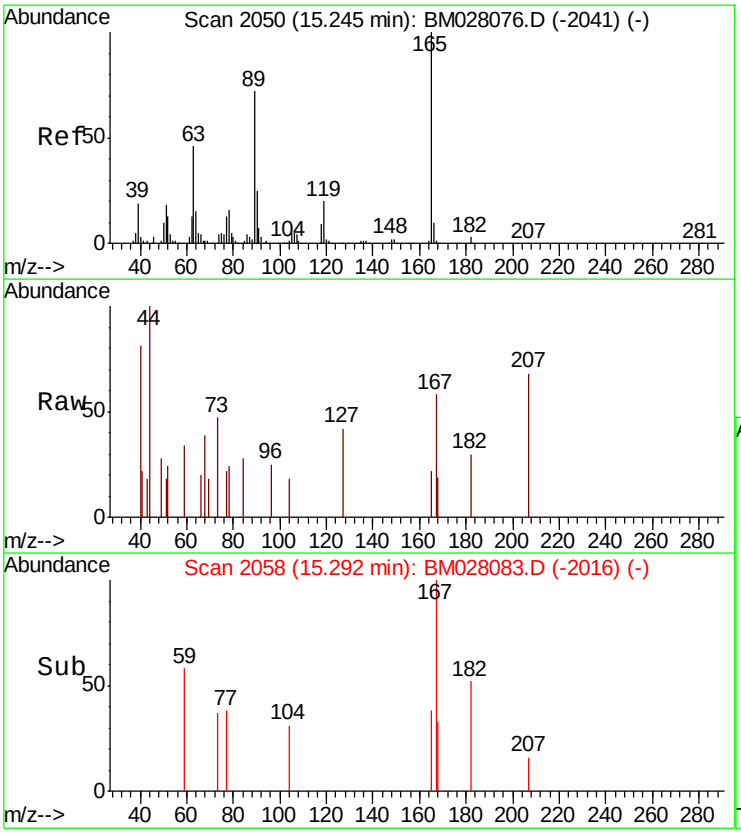
#48
2,6-Dinitrotoluene
Concen: 1.650 ng/ul
RT: 14.30 min Scan# 1889
Delta R.T. -0.17 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:165 Resp: 8678

Ion	Ratio	Lower	Upper
165	100		
89	0.0	48.5	72.7#
121	32.7	18.2	27.4#

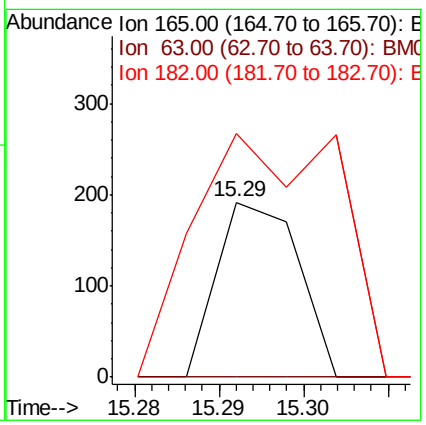


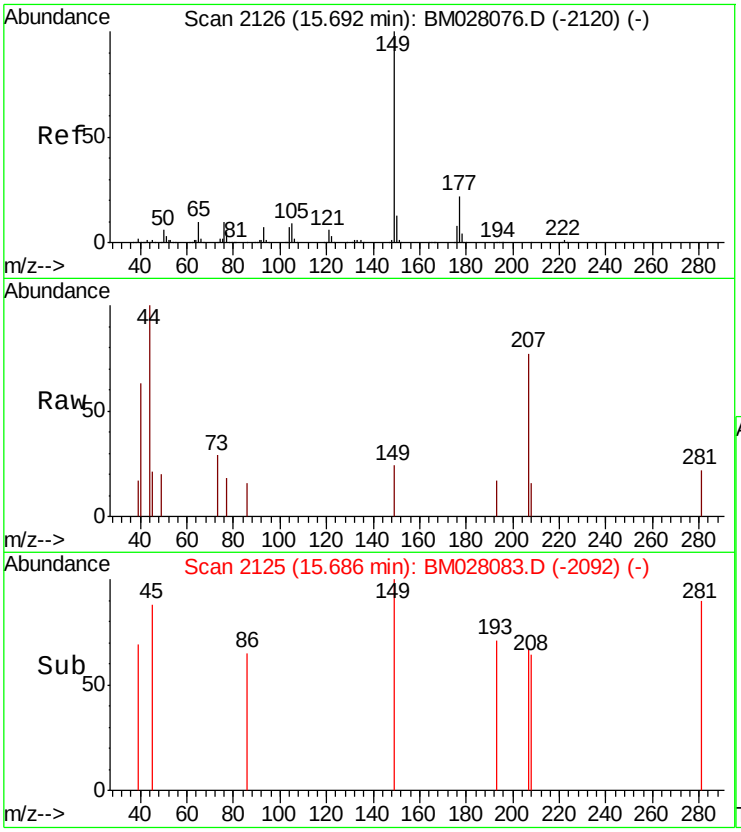


#57
2,4-Dinitrotoluene
Concen: 0.017 ng/ul
RT: 15.29 min Scan# 2058
Delta R.T. 0.05 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Tgt Ion:165 Resp: 128

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.4	56.0#
182	139.1	2.6	4.0#



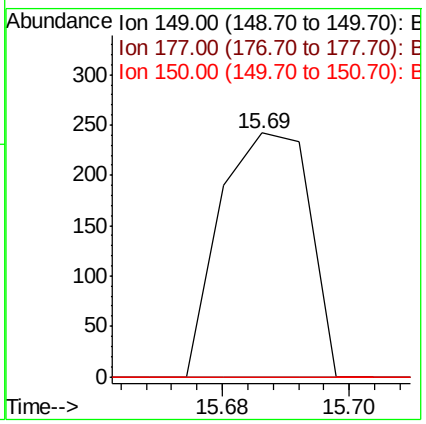


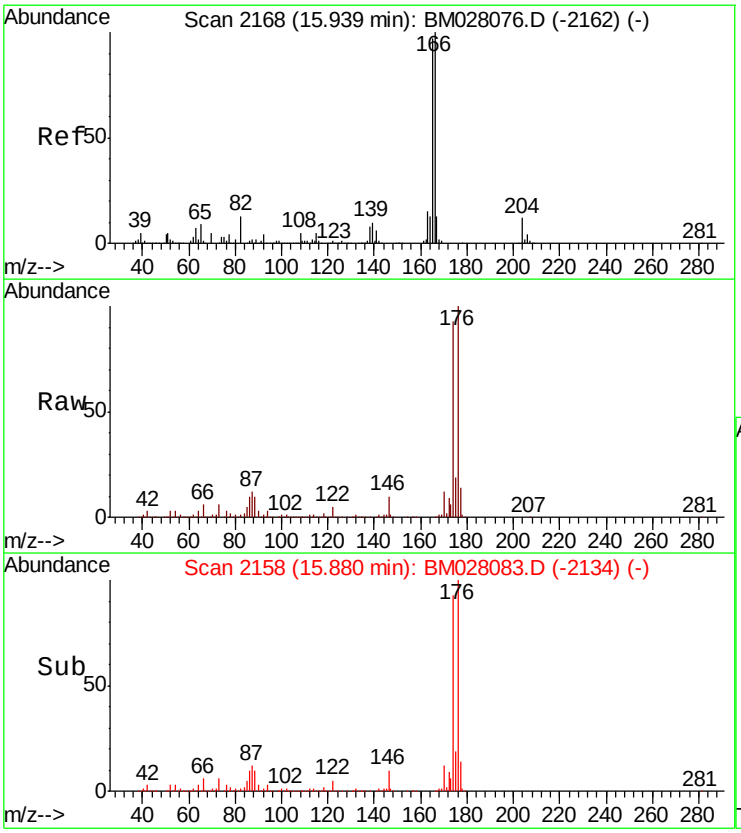
#59
Diethylphthalate
Concen: 0.008 ng/ul
RT: 15.69 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:149 Resp: 235

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

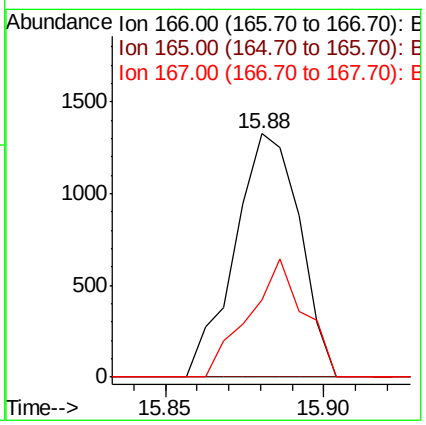


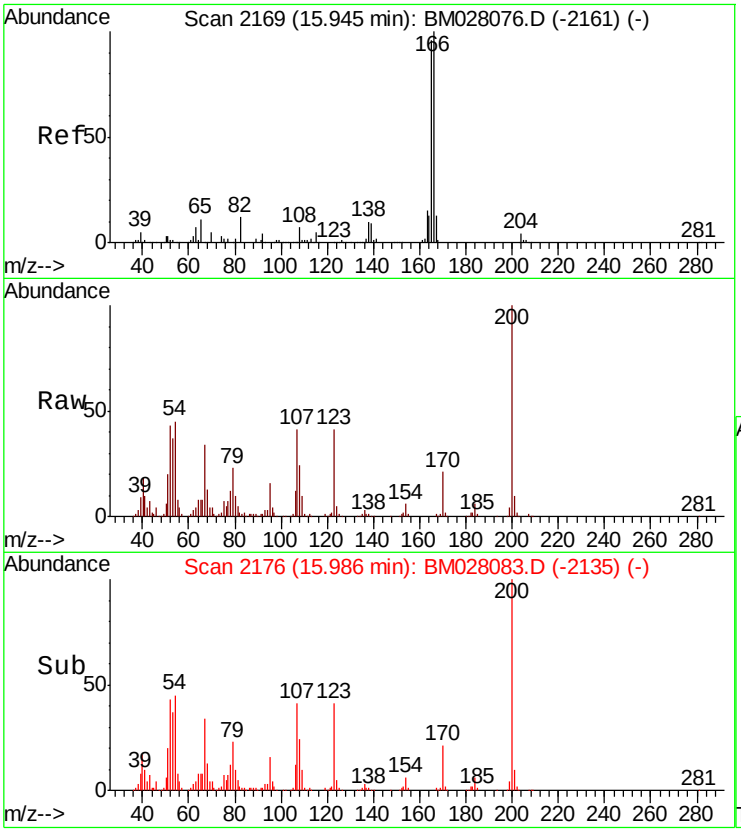


#61
Fluorene
Concen: 0.069 ng/ul
RT: 15.88 min Scan# 2158
Delta R.T. -0.06 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Tgt Ion:166 Resp: 1893

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.0	115.4#
167	31.5	10.8	16.2#



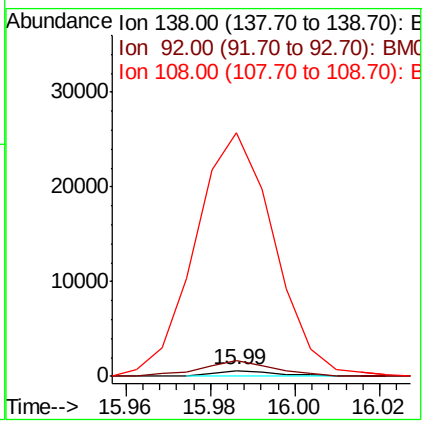


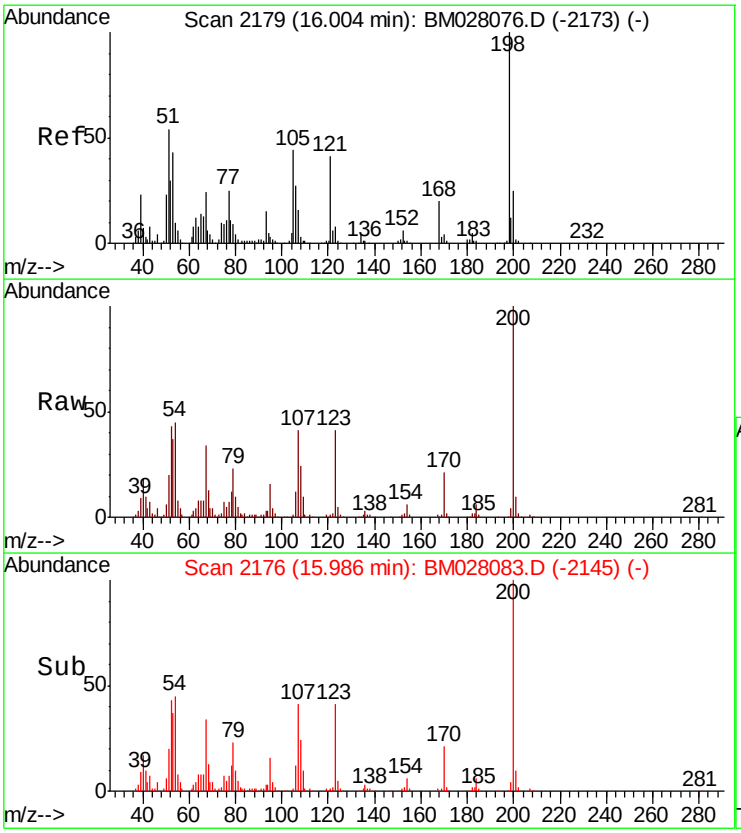
#63
4-Nitroaniline
Concen: 0.147 ng/ul
RT: 15.99 min Scan# 2176
Delta R.T. 0.04 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:138 Resp: 596

Ion	Ratio	Lower	Upper
138	100		
92	268.0	40.6	60.8#
108	4286.7	55.8	83.6#

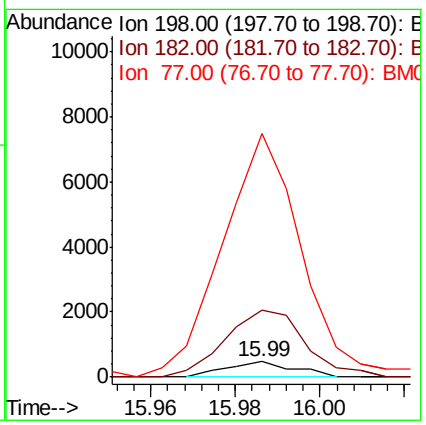


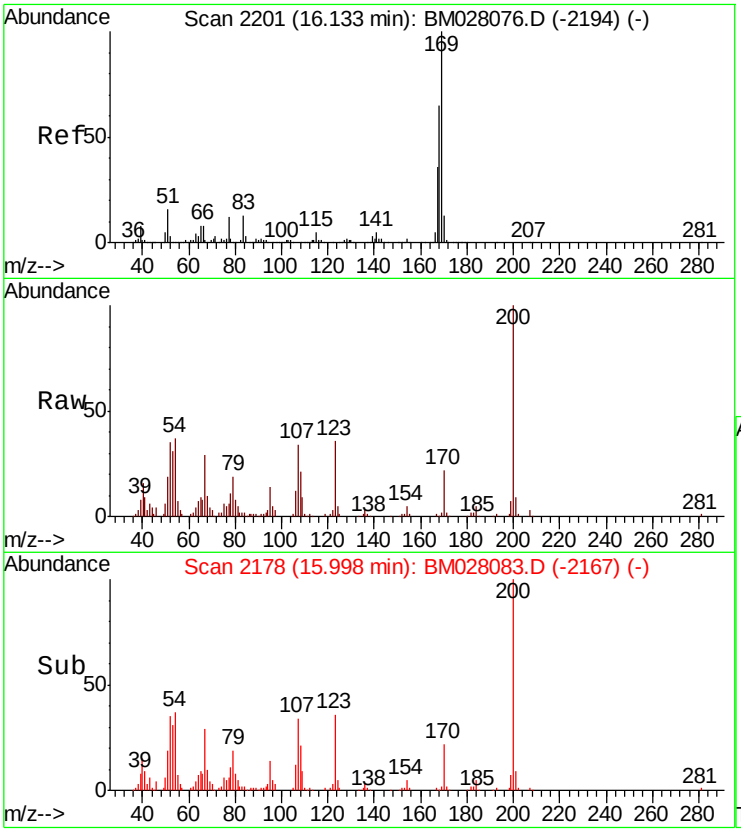


#66
4,6-Dinitro-2-methylphenol
Concen: 0.118 ng/ul
RT: 15.99 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Tgt Ion:198 Resp: 531

Ion	Ratio	Lower	Upper
198	100		
182	425.9	3.6	5.4#
77	1562.6	20.5	30.7#



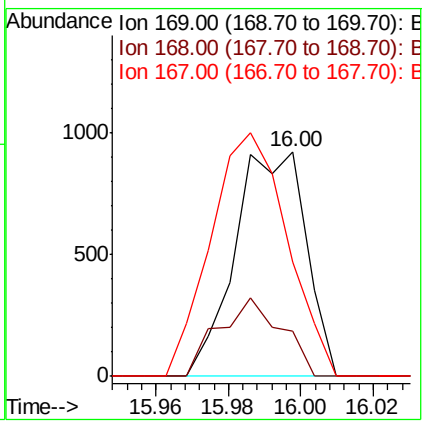


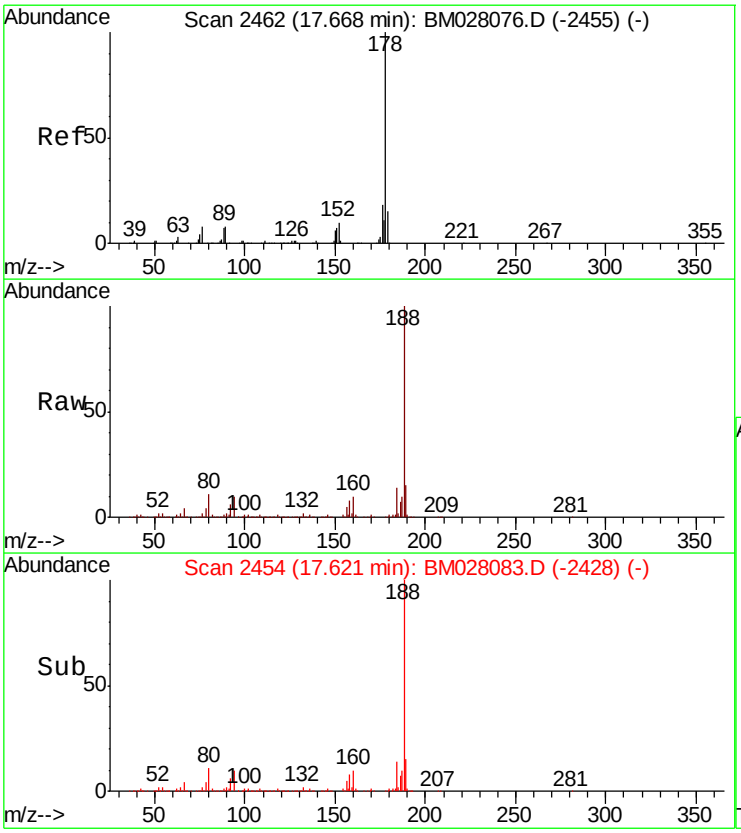
#67
N-Nitrosodiphenylamine
Concen: 0.056 ng/ul
RT: 16.00 min Scan# 2178
Delta R.T. -0.14 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:169 Resp: 1258

Ion	Ratio	Lower	Upper
169	100		
168	20.3	51.8	77.6#
167	50.9	27.7	41.5#

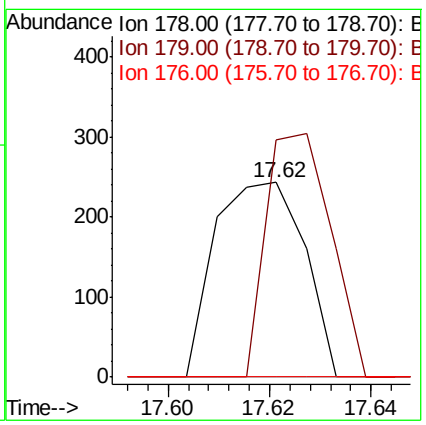


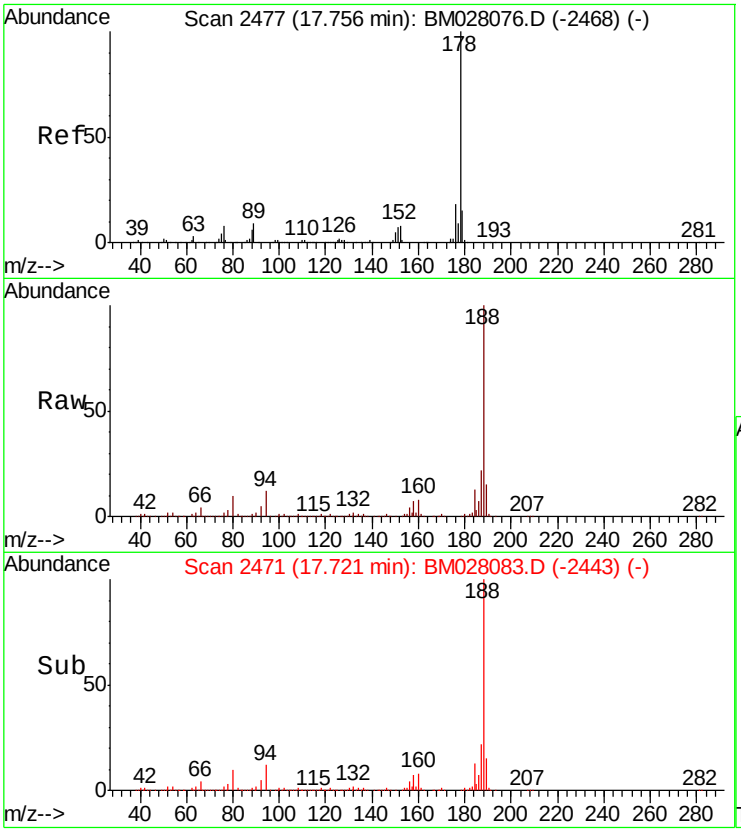


#72
Phenanthrene
Concen: 0.007 ng/ul
RT: 17.62 min Scan# 2454
Delta R.T. -0.05 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Tgt Ion:178 Resp: 297

Ion	Ratio	Lower	Upper
178	100		
179	122.2	12.2	18.4#
176	0.0	14.6	21.8#



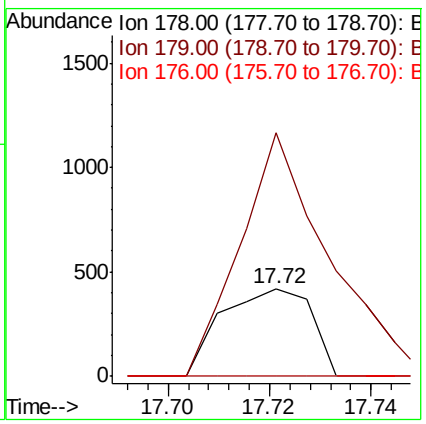


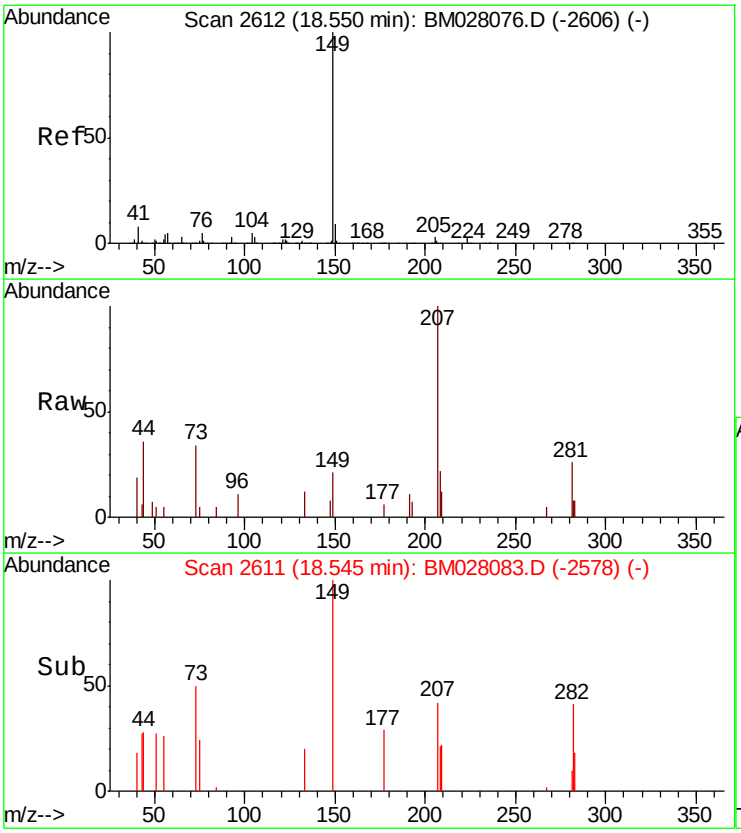
#74
Anthracene
Concen: 0.012 ng/ul
RT: 17.72 min Scan# 2471
Delta R.T. -0.04 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:178 Resp: 511

Ion	Ratio	Lower	Upper
178	100		
179	277.0	11.8	17.8#
176	0.0	13.9	20.9#

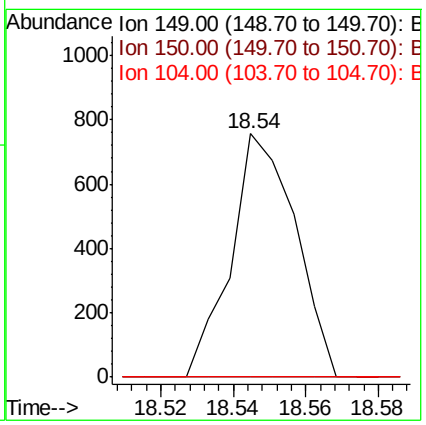


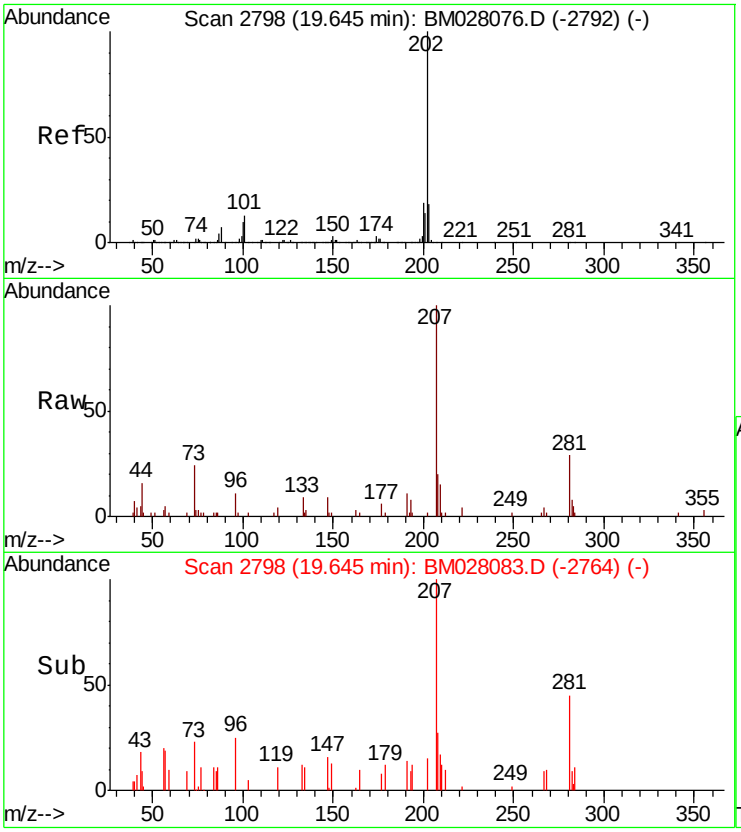


#78
Di-n-butylphthalate
Concen: 0.020 ng/ul
RT: 18.54 min Scan# 2611
Delta R.T. -0.01 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Tgt Ion:149 Resp: 933

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



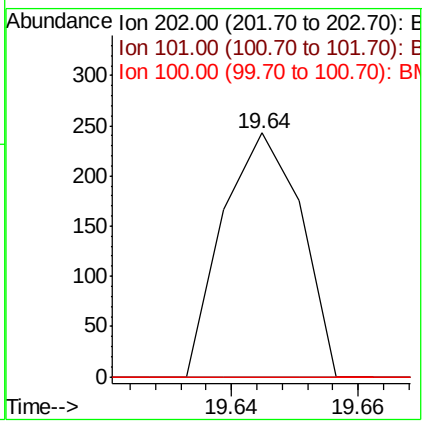


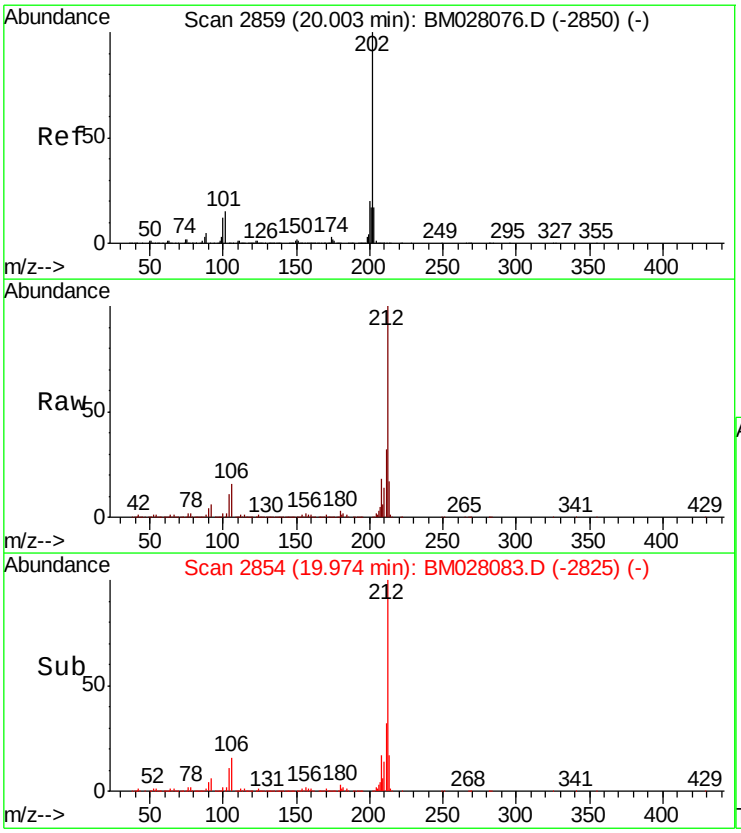
#80
Fluoranthene
Concen: 0.004 ng/ul
RT: 19.64 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:202 Resp: 207

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.8	14.8#
100	0.0	7.7	11.5#

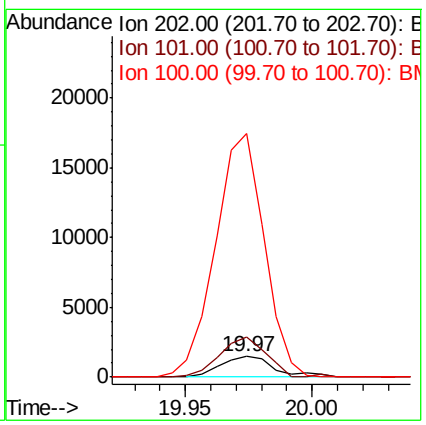


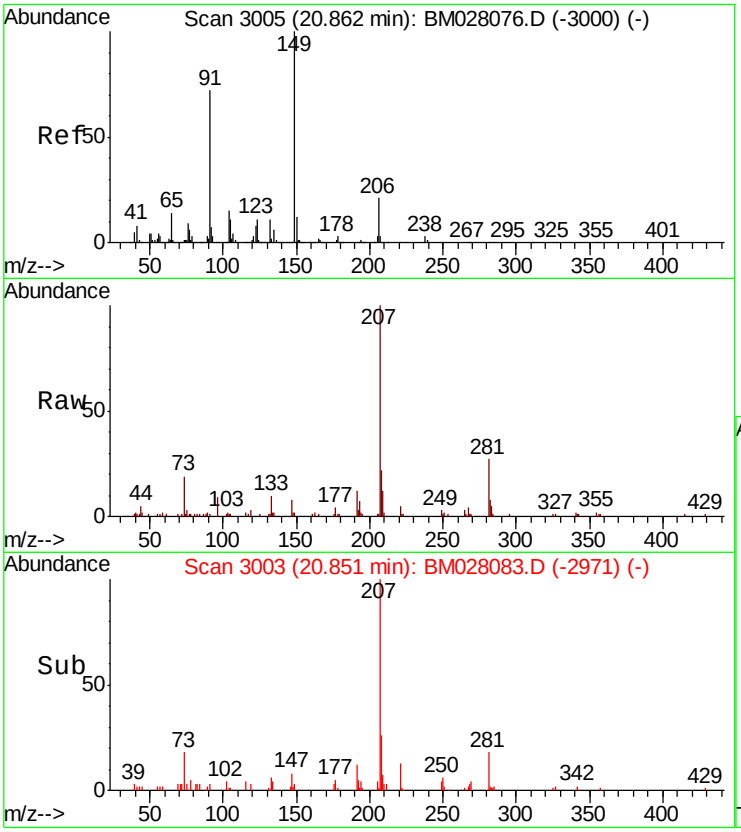


#82
Pyrene
Concen: 0.044 ng/ul
RT: 19.97 min Scan# 2854
Delta R.T. -0.03 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Tgt Ion:202 Resp: 2208

Ion	Ratio	Lower	Upper
202	100		
101	195.6	11.8	17.6#
100	1193.2	9.8	14.8#



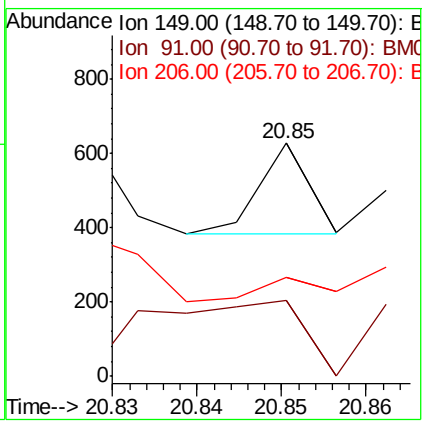


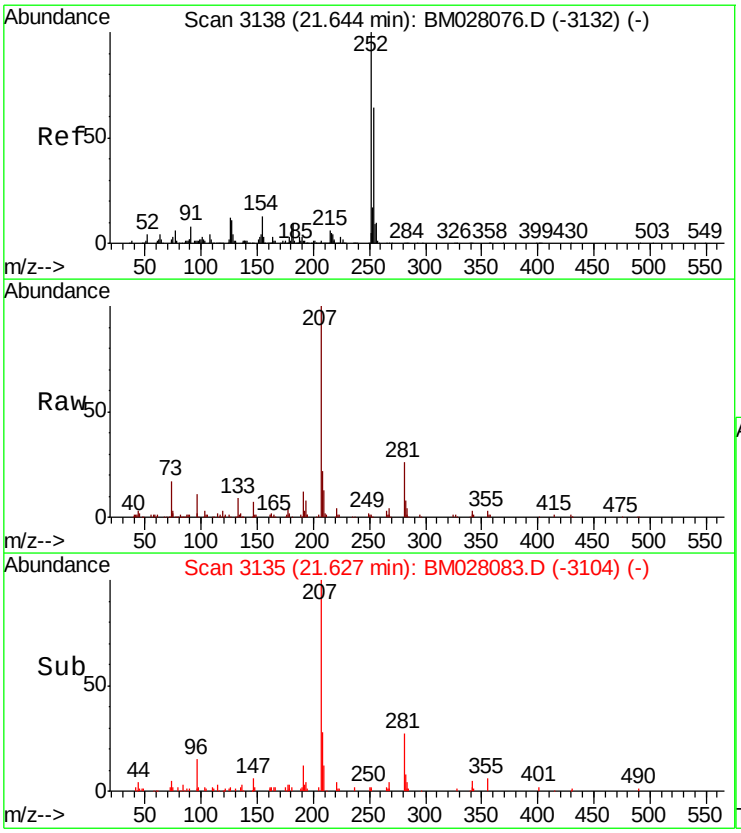
#83
Butylbenzylphthalate
Concen: 0.005 ng/ul
RT: 20.85 min Scan# 3003
Delta R.T. -0.01 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:149 Resp: 98

Ion	Ratio	Lower	Upper
149	100		
91	32.3	55.7	83.5#
206	42.2	16.1	24.1#

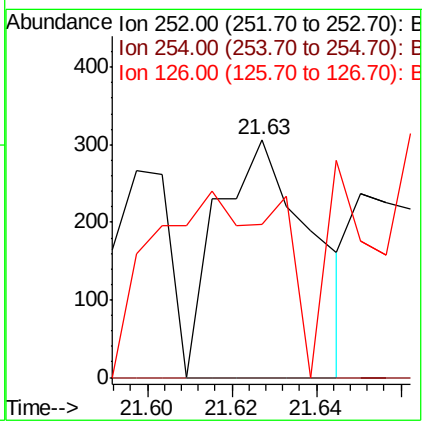


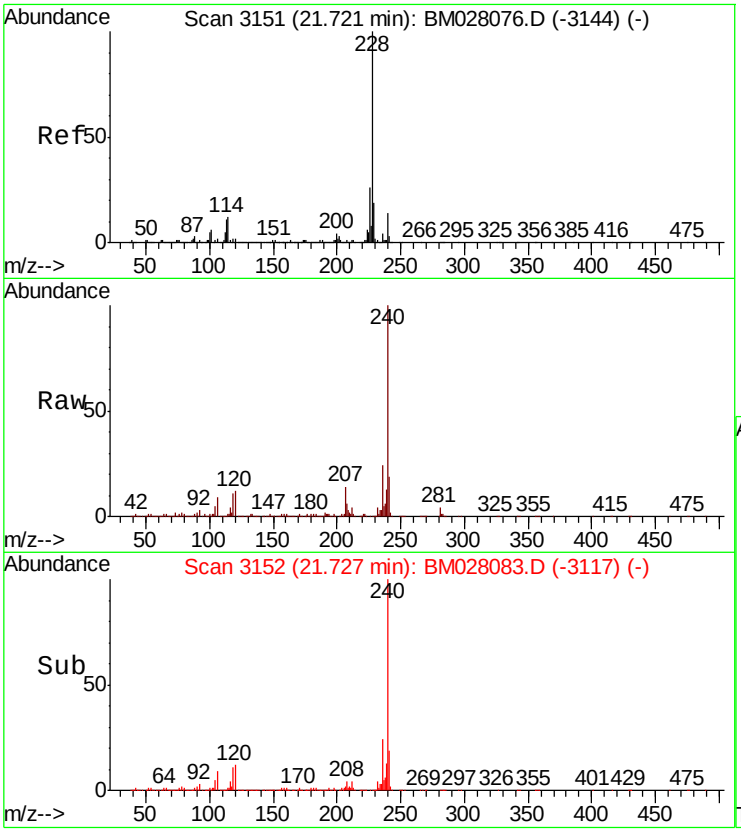


#84
3,3'-Dichlorobenzidine
Concen: 0.031 ng/ul
RT: 21.63 min Scan# 3135
Delta R.T. -0.02 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Tgt Ion:252 Resp: 473

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.4	77.2#
126	64.5	9.9	14.9#



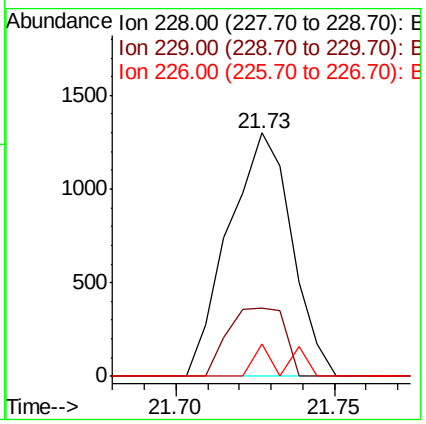


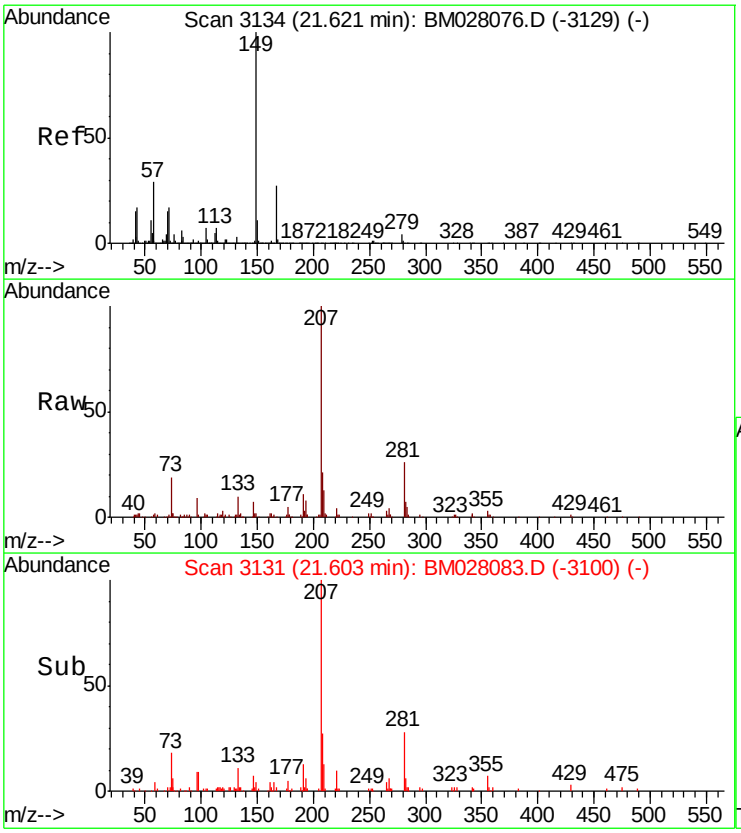
#85
Benzo(a)anthracene
Concen: 0.039 ng/ul
RT: 21.73 min Scan# 3152
Delta R.T. 0.01 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:228 Resp: 1798

Ion	Ratio	Lower	Upper
228	100		
229	27.9	15.0	22.4#
226	13.5	20.9	31.3#

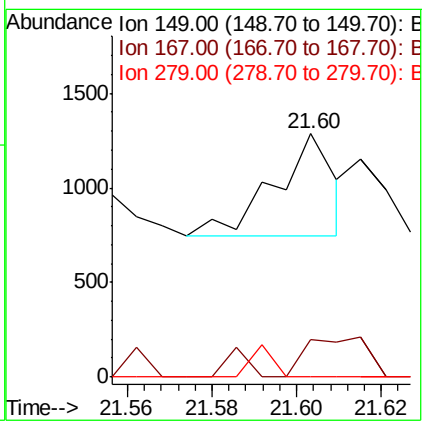


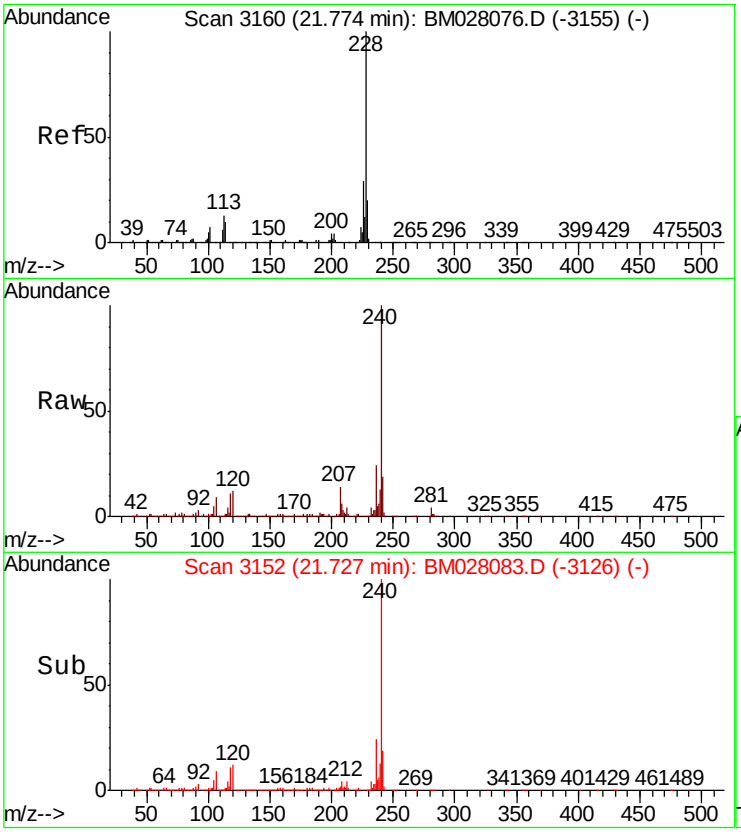


#86
Bis(2-ethylhexyl)phthalate
Concen: 0.016 ng/ul
RT: 21.60 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Tgt Ion:149 Resp: 527

Ion	Ratio	Lower	Upper
149	100		
167	15.2	20.7	31.1#
279	0.0	3.0	4.6#



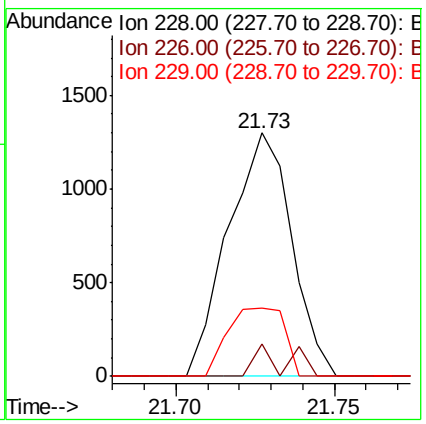


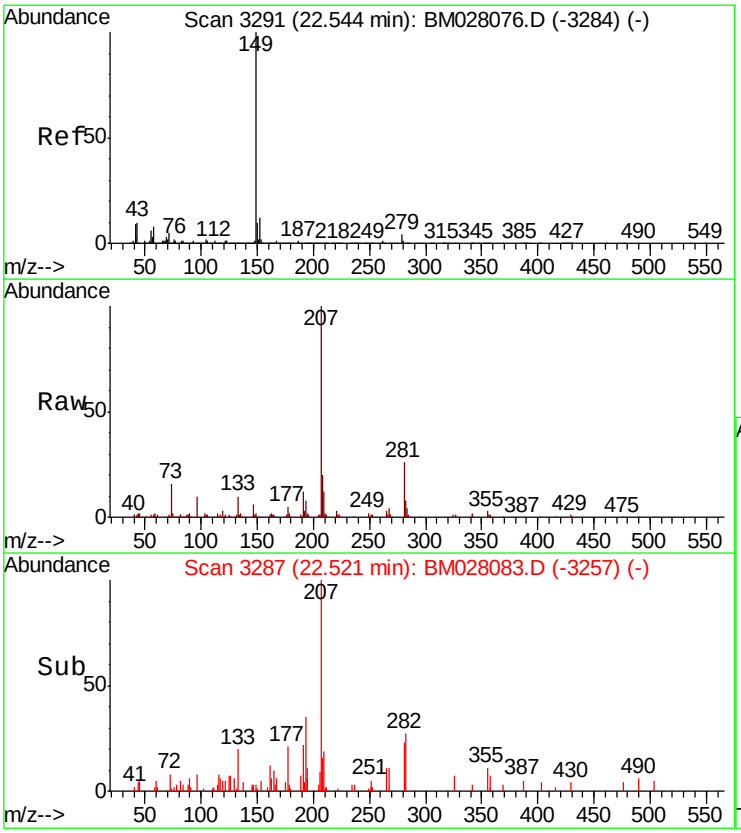
#87
Chrysene
Concen: 0.039 ng/ul
RT: 21.73 min Scan# 3152
Delta R.T. -0.05 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:228 Resp: 1798

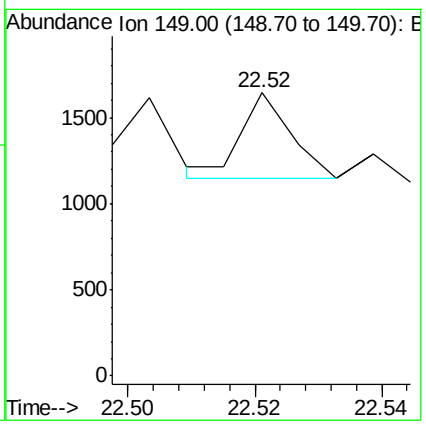
Ion	Ratio	Lower	Upper
228	100		
226	13.5	23.0	34.4#
229	27.9	15.5	23.3#

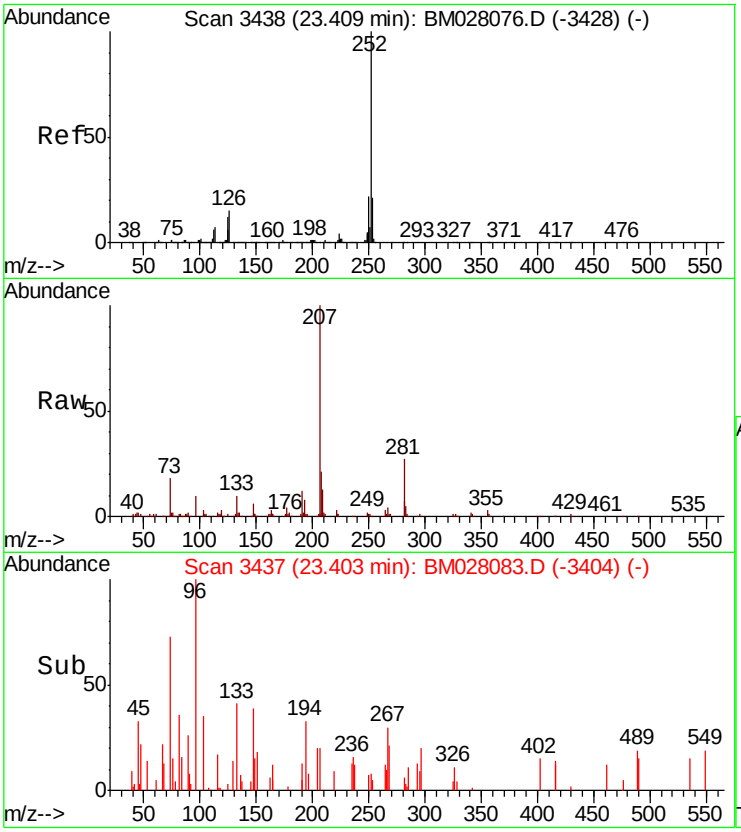




#89
Di-n-octyl phthalate
Concen: 0.005 ng/ul
RT: 22.52 min Scan# 3287
Delta R.T. -0.02 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Tgt Ion:149 Resp: 264



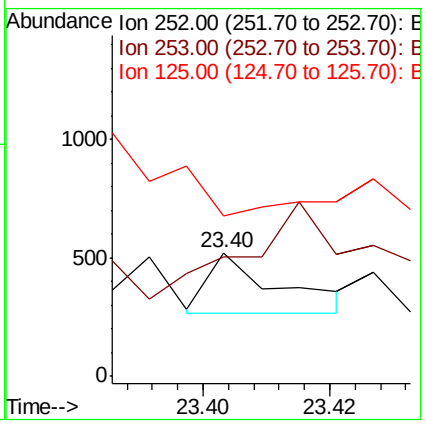


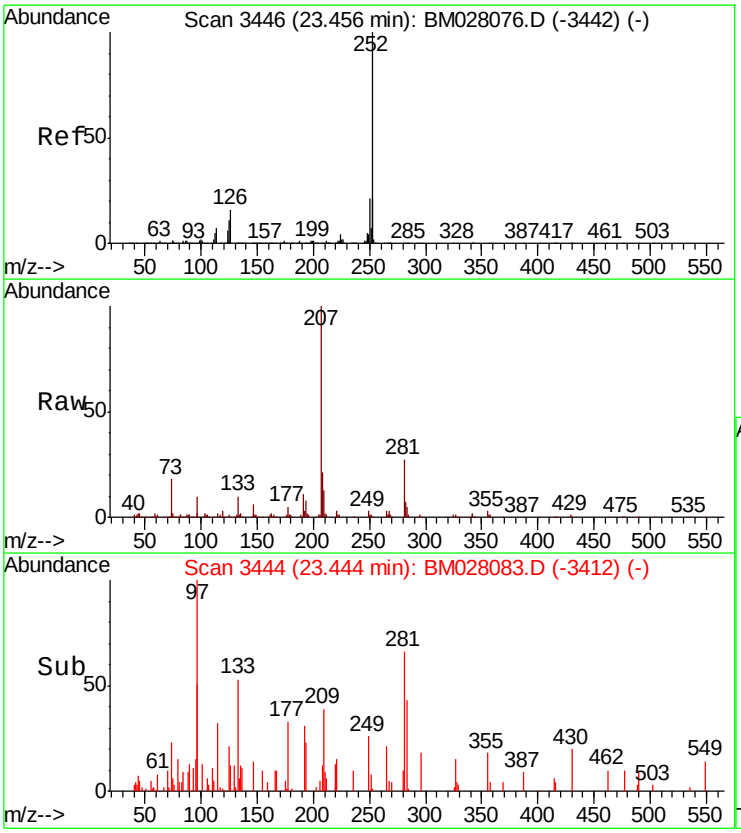
#90
Benzo(b)fluoranthene
Concen: 0.004 ng/ul
RT: 23.40 min Scan# 3437
Delta R.T. -0.01 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:252 Resp: 198

Ion	Ratio	Lower	Upper
252	100		
253	96.2	17.7	26.5#
125	129.1	10.2	15.4#

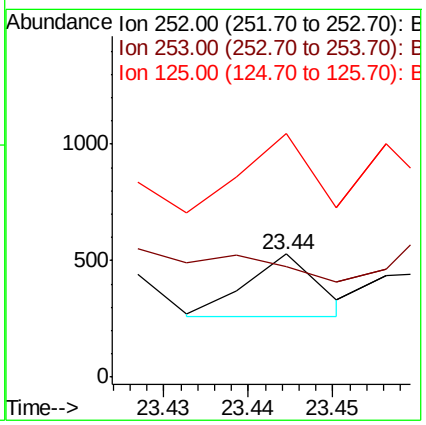


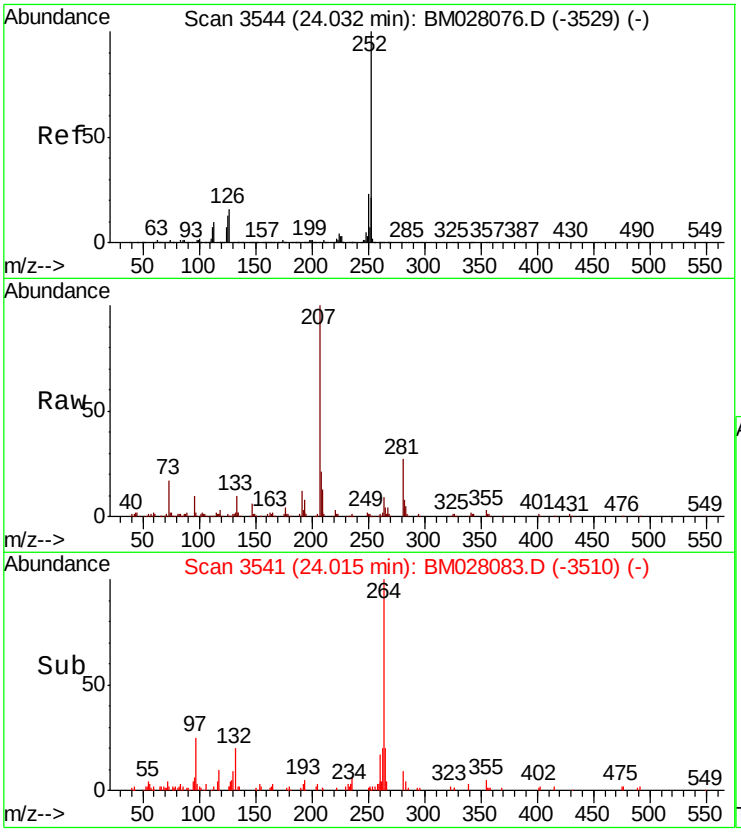


#91
Benzo(k)fluoranthene
Concen: 0.003 ng/ul
RT: 23.44 min Scan# 3444
Delta R.T. -0.01 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Tgt Ion:252 Resp: 156

Ion	Ratio	Lower	Upper
252	100		
253	90.2	17.4	26.0#
125	197.9	9.3	13.9#





#93
Benzo(a)pyrene
Concen: 0.002 ng/ul
RT: 24.02 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BM028083.D
Acq: 08 Dec 2020 22:23

Instrument :
BNA_M
ClientSampleId :
SBLK258

Tgt Ion:252 Resp: 107

Ion	Ratio	Lower	Upper
252	100		
253	101.6	17.4	26.2#
125	160.1	10.3	15.5#