Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071620\
Data File : BM026791.D
Acq On : 16 Jul 2020 18:54
Operator : JU/CG
Sample : PB130184BL
Misc : PBBL-SOIL-ME-06
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK84

Quant Time: Jul 17 00:40:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 13:06:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	63317	20.00	ng/ul	0.00
18) Naphthalene-d8	10.05	136	278308	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	195988	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.72	188	451219	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	472822	20.00	ng/ul	0.00
86) Perylene-d12	23.01	264	469696	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.90	96	14048	6.67	ng/uL	0.00
5) Phenol-d5	6.52	99	223736	38.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	142974	36.46	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	166830	37.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	185402	39.98	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	75709	34.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	86087	36.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.70	165	163172	35.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.21	131	220273	45.52	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	574264	36.73	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	627590	33.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	63486	28.14	ng/ul	0.00
58) Fluorene-d10	14.97	176	474456	34.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	67322	23.88	ng/ul	0.00
71) Anthracene-d10	16.82	188	743772	33.47	ng/ul	0.00
79) Pyrene-d10	19.14	212	867156	35.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	903063	35.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	150	0.066	ng/uL#	14
4) Benzaldehyde	6.52	77	416	0.135	ng/ul#	8
8) Bis(2-Chloroethyl)ether	6.85	93	213	0.044	ng/ul#	1
20) Nitrobenzene	8.48	77	54	0.008	ng/ul#	45
21) Isophorone	9.17	82	10298	0.883	ng/ul#	75
28) Naphthalene	10.21	128	134	0.008	ng/ul#	1
45) Dimethylphthalate	13.40	163	305	0.019	ng/ul#	1
59) Fluorene	14.98	166	1015	0.061	ng/ul#	5
61) 4-Nitroaniline	15.12	138	126	0.042	ng/ul#	1
65) N-Nitrosodiphenylamine	15.13	169	682	0.045	ng/ul#	22
70) Phenanthrene	16.73	178	199	0.007	ng/ul#	1
72) Anthracene	16.73	178	199	0.007	ng/ul#	1
76) Di-n-butylphthalate	17.74	149	426	0.016	ng/ul#	78
80) Pyrene	19.14	202	1424	0.042	ng/ul#	1
81) Butylbenzylphthalate	20.12	149	80	0.007	ng/ul#	17
83) Benzo(a)anthracene	20.95	228	1344	0.041	ng/ul#	69
84) Bis(2-ethylhexyl)phthalate	20.90	149	410	0.023	ng/ul#	53
85) Chrysene	20.95	228	1344	0.042	ng/ul#	66
87) Di-n-octyl phthalate	21.75	149	145	0.005	ng/ul	100
88) Benzo(b)fluoranthene	22.41	252	230	0.007	ng/ul#	1
89) Benzo(k)fluoranthene	22.45	252	426	0.013	ng/ul#	1
91) Benzo(a)pyrene	22.93	252	144	0.005	ng/ul#	1

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071620\
Data File : BM026791.D
Acq On : 16 Jul 2020 18:54
Operator : JU/CG
Sample : PB130184BL
Misc : PBBL-SOIL-ME-06
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK84

Quant Time: Jul 17 00:40:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 13:06:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

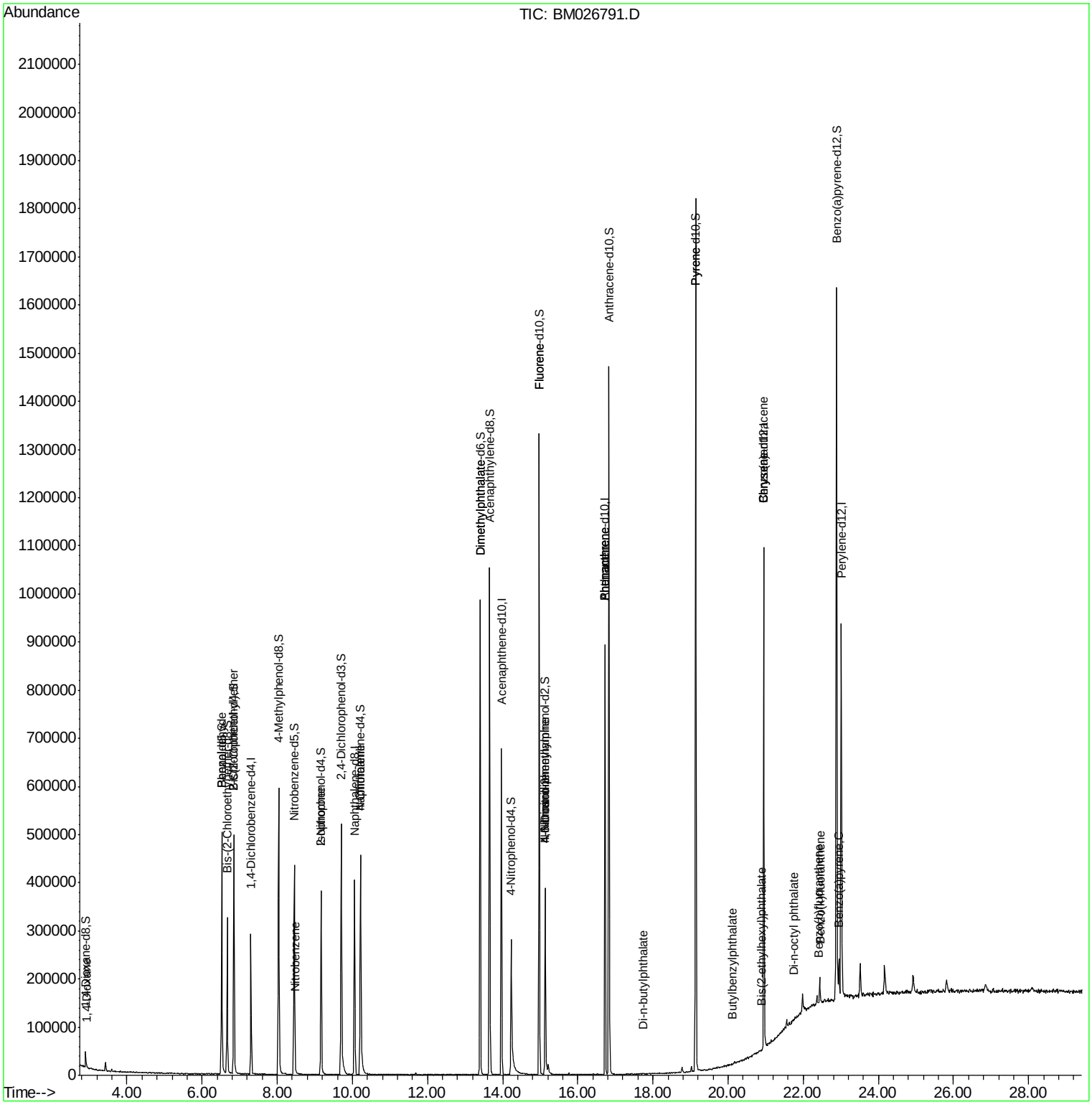
(#) = qualifier out of range (m) = manual integration (+) = signals summed

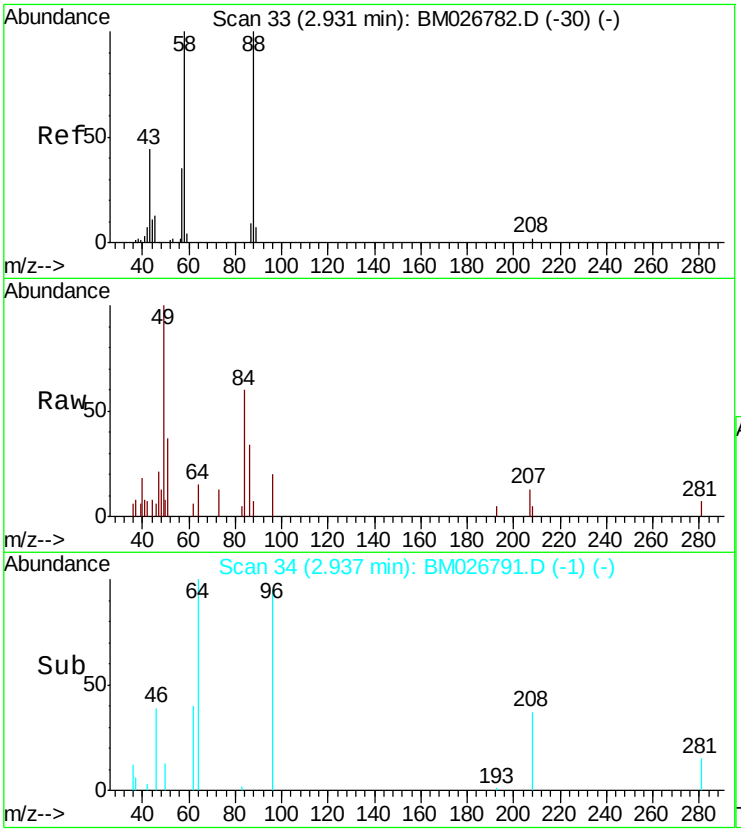
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071620\
Data File : BM026791.D
Acq On : 16 Jul 2020 18:54
Operator : JU/CG
Sample : PB130184BL
Misc : PBBL-SOIL-ME-06
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK84

Quant Time: Jul 17 00:40:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 13:06:40 2020
Response via : Initial Calibration



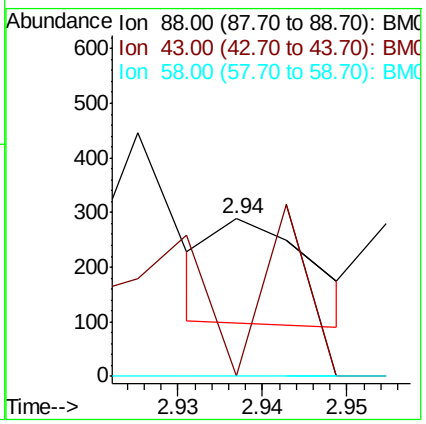


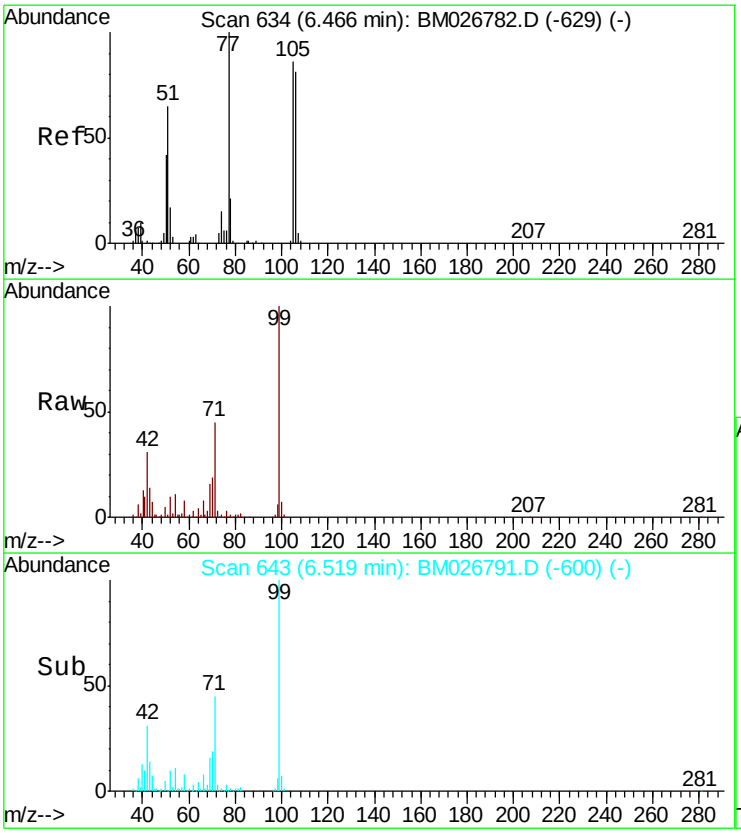
#2
1,4-Dioxane
Concen: 0.066 ng/uL
RT: 2.94 min Scan# 34
Delta R.T. 0.01 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Instrument :
BNA_M
ClientSampleId :
SBLK84

Tgt Ion: 88 Resp: 150

Ion	Ratio	Lower	Upper
88	100		
43	0.0	38.2	57.2#
58	0.0	68.9	103.3#

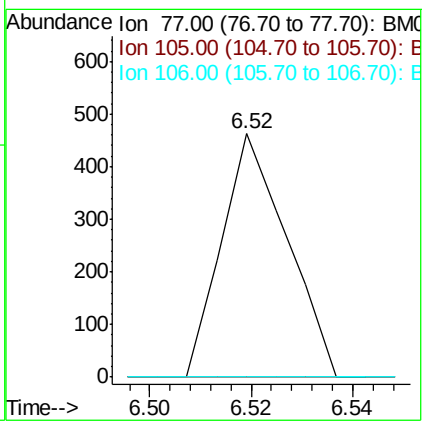


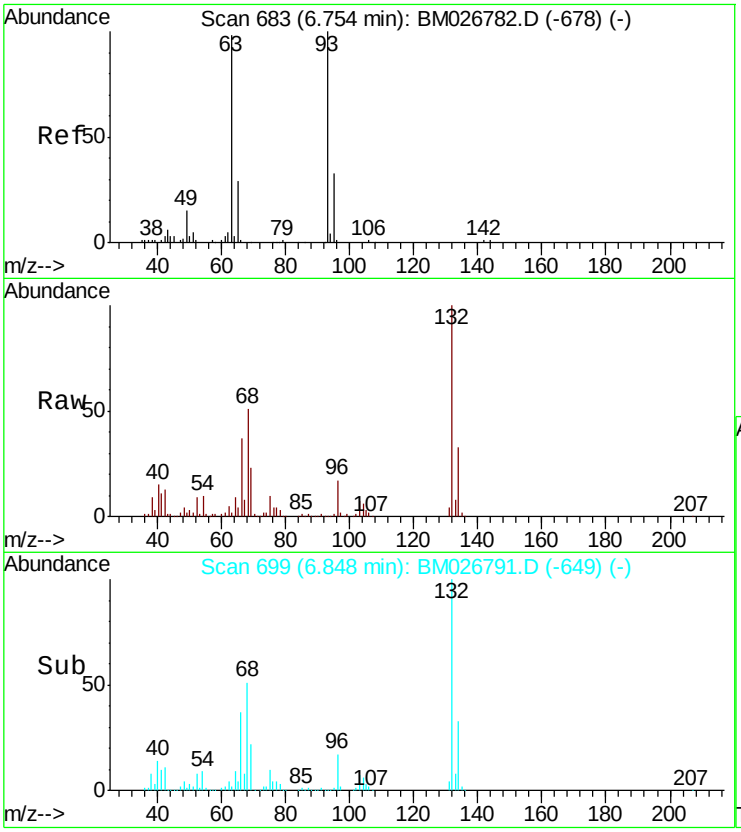


#4
Benzaldehyde
Concen: 0.135 ng/ul
RT: 6.52 min Scan# 643
Delta R.T. 0.05 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Tgt Ion: 77 Resp: 416

Ion	Ratio	Lower	Upper
77	100		
105	0.0	67.5	101.3#
106	0.0	66.2	99.4#



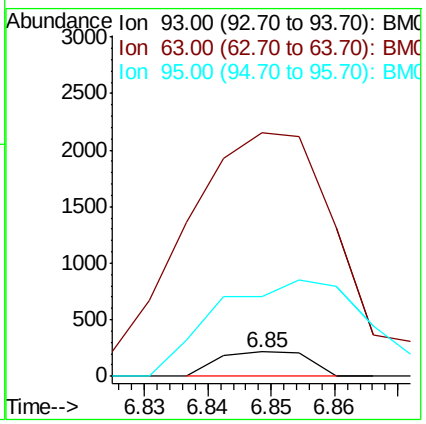


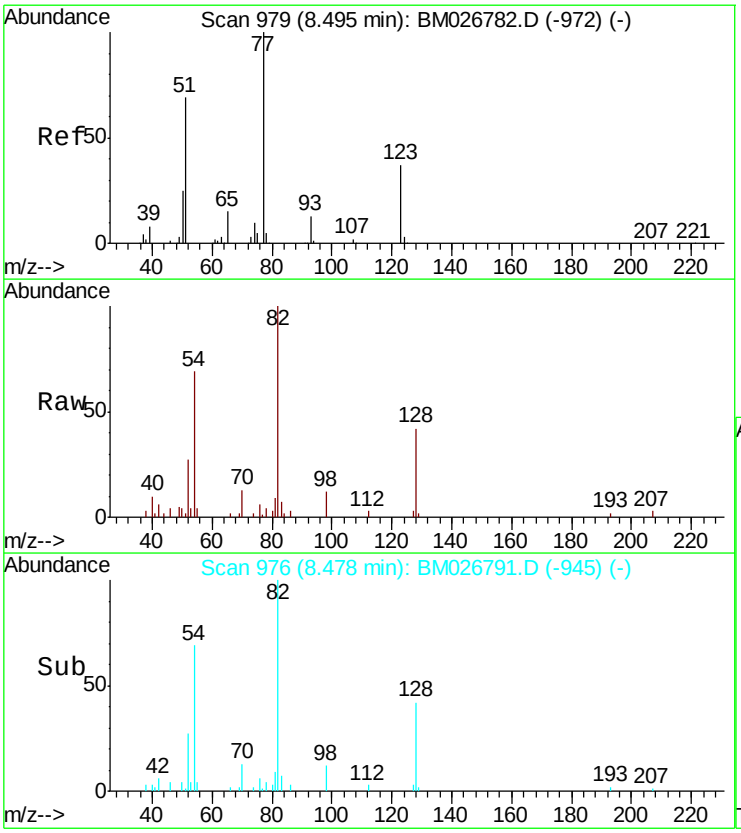
#8
Bis(2-Chloroethyl)ether
Concen: 0.044 ng/ul
RT: 6.85 min Scan# 699
Delta R.T. 0.09 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Instrument :
BNA_M
ClientSampleId :
SBLK84

Tgt Ion: 93 Resp: 213

Ion	Ratio	Lower	Upper
93	100		
63	1000.9	75.5	113.3#
95	326.0	25.2	37.8#

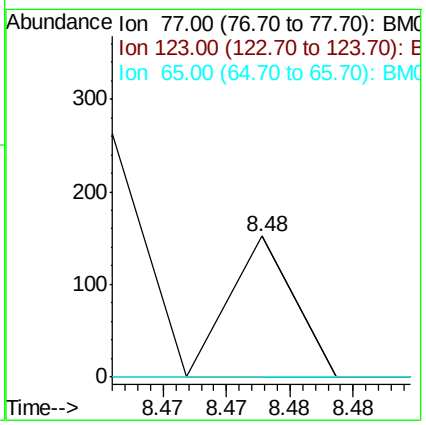


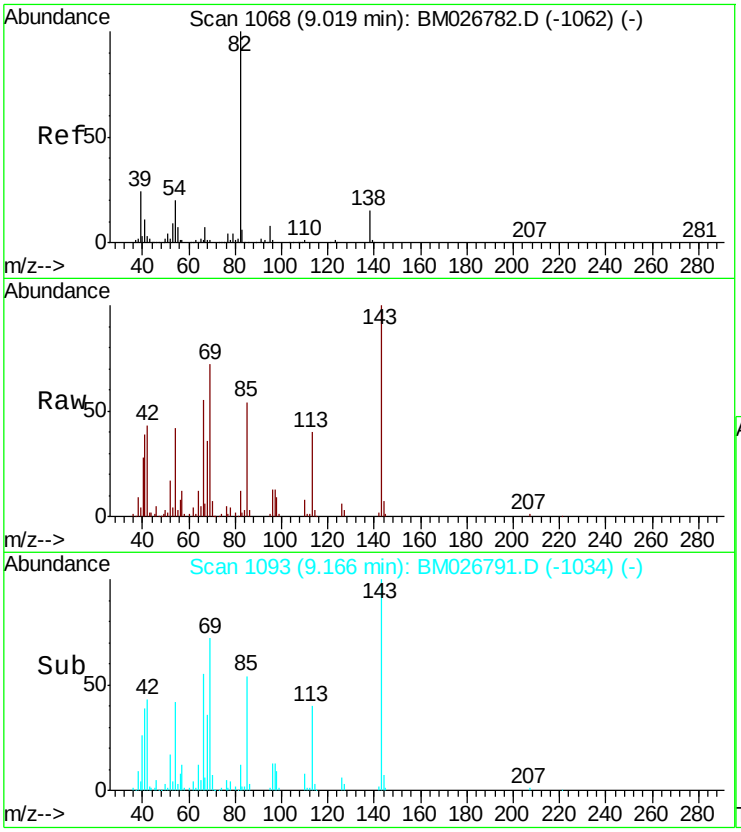


#20
Nitrobenzene
Concen: 0.008 ng/ul
RT: 8.48 min Scan# 976
Delta R.T. -0.02 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Tgt Ion: 77 Resp: 54

Ion	Ratio	Lower	Upper
77	100		
123	0.0	29.8	44.8#
65	0.0	11.8	17.6#



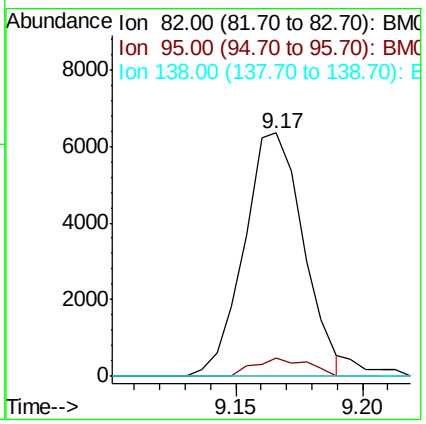


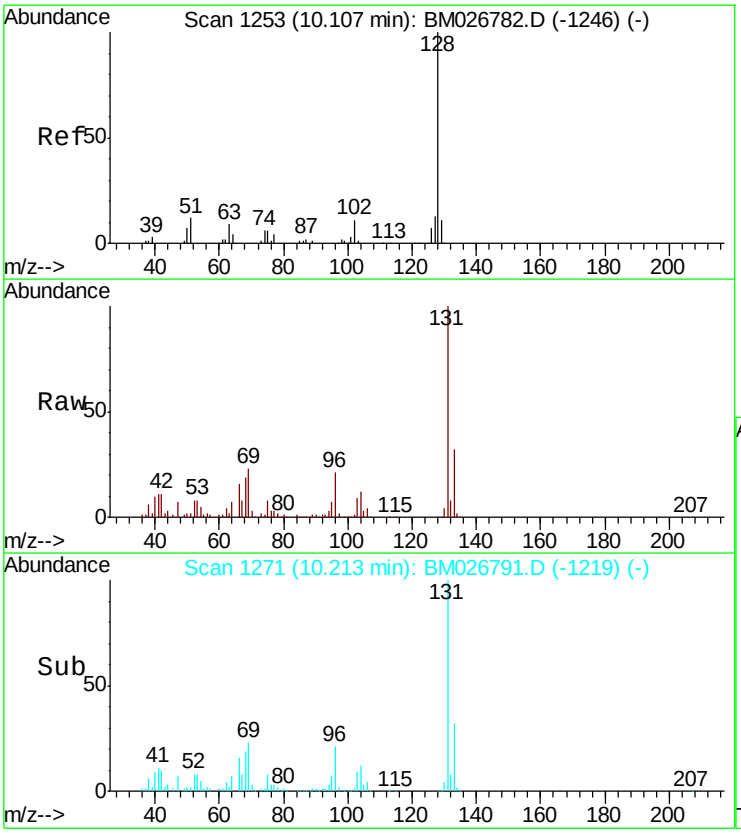
#21
Isophorone
Concen: 0.883 ng/ul
RT: 9.17 min Scan# 1093
Delta R.T. 0.15 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Instrument :
BNA_M
ClientSampleId :
SBLK84

Tgt Ion: 82 Resp: 10298

Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.4	9.6
138	0.0	12.2	18.4#

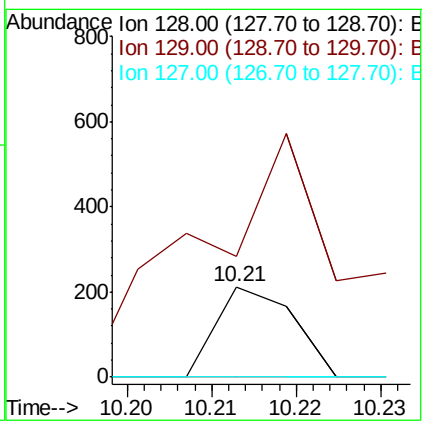


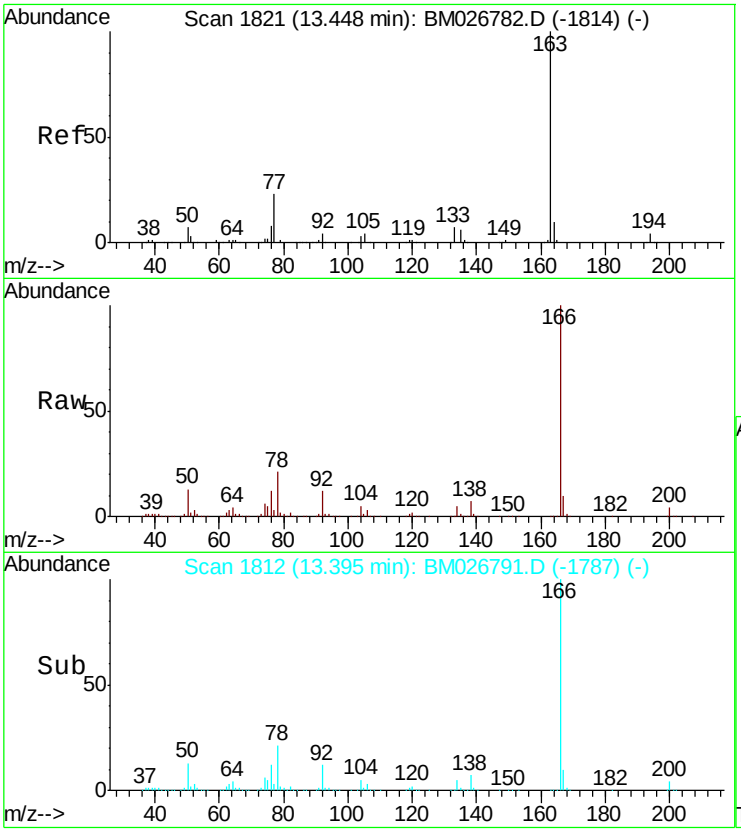


#28
Naphthalene
Concen: 0.008 ng/ul
RT: 10.21 min Scan# 1271
Delta R.T. 0.11 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Tgt Ion:128 Resp: 134

Ion	Ratio	Lower	Upper
128	100		
129	133.5	8.5	12.7#
127	0.0	10.6	15.8#



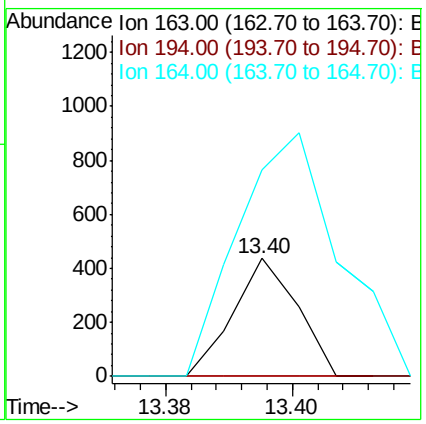


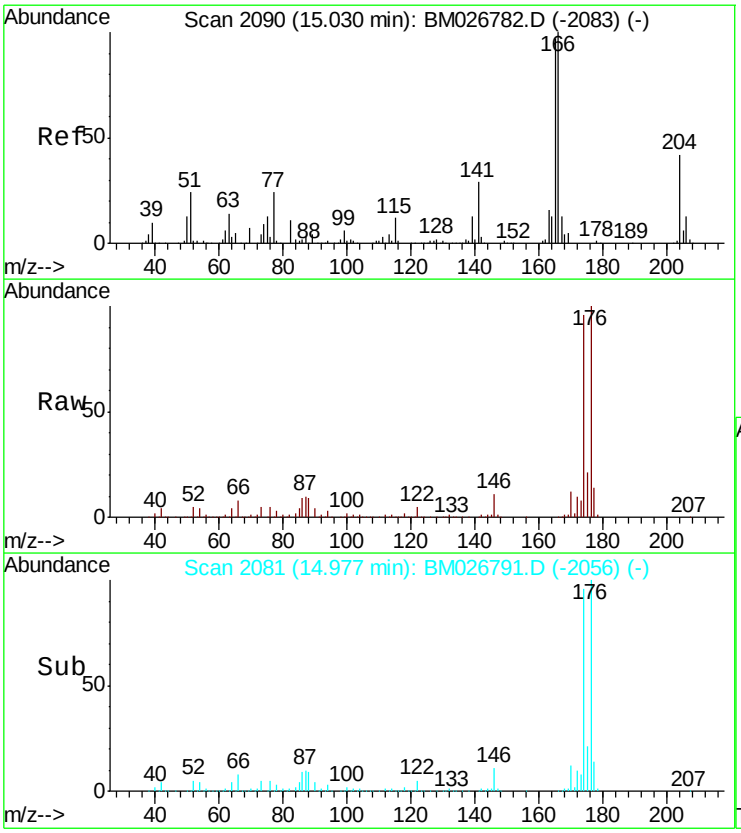
#45
Dimethylphthalate
Concen: 0.019 ng/ul
RT: 13.40 min Scan# 1812
Delta R.T. -0.05 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Instrument :
BNA_M
ClientSampleId :
SBLK84

Tgt Ion:163 Resp: 305

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.5	5.3#
164	175.1	7.8	11.6#

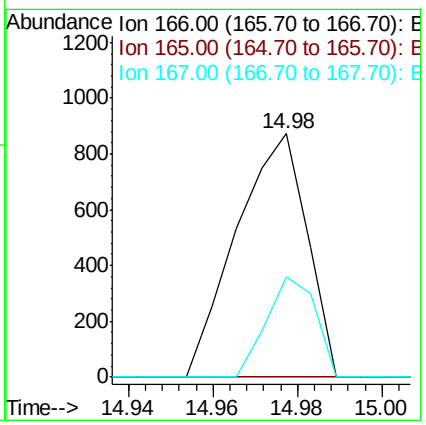


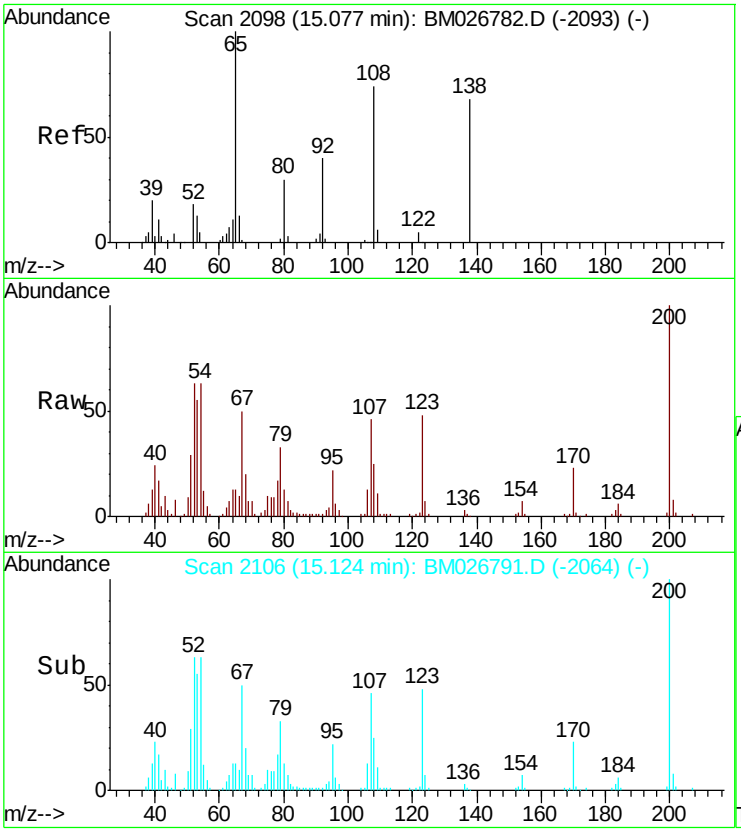


#59
Fluorene
Concen: 0.061 ng/ul
RT: 14.98 min Scan# 2081
Delta R.T. -0.05 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Tgt Ion:166 Resp: 1015

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.0	115.4#
167	41.1	10.7	16.1#



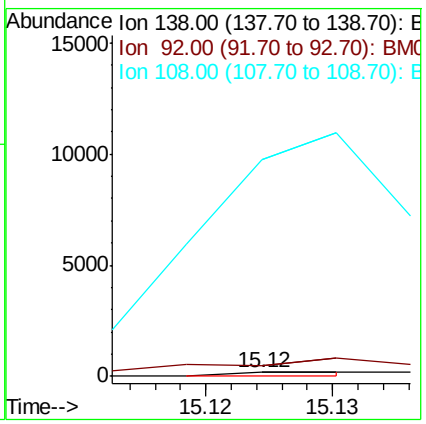


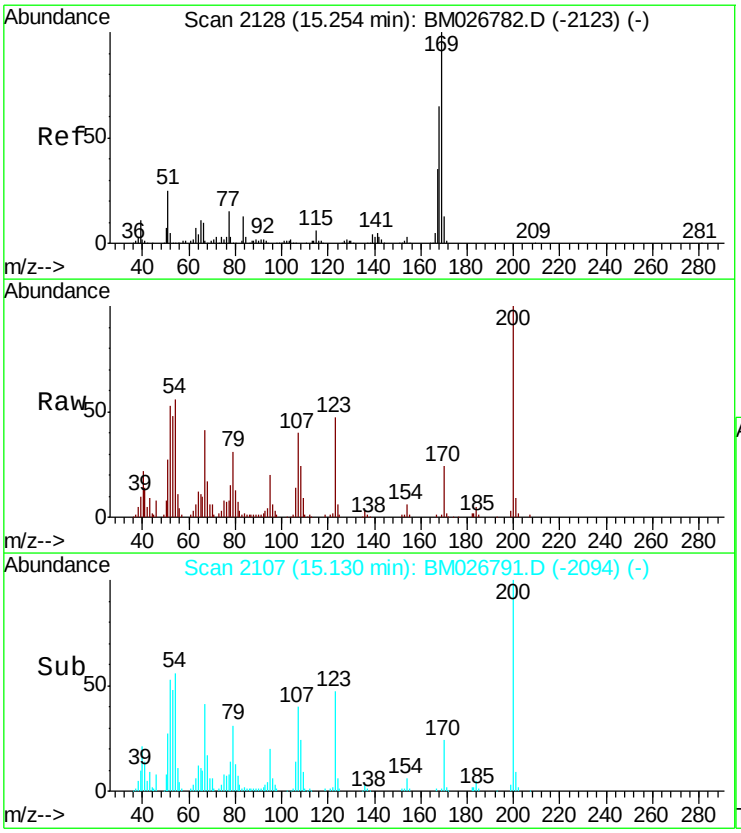
#61
4-Nitroaniline
Concen: 0.042 ng/ul
RT: 15.12 min Scan# 2106
Delta R.T. 0.05 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Instrument :
BNA_M
ClientSampleId :
SBLK84

Tgt Ion:138 Resp: 126

Ion	Ratio	Lower	Upper
138	100		
92	273.9	47.7	71.5#
108	5296.2	82.6	123.8#

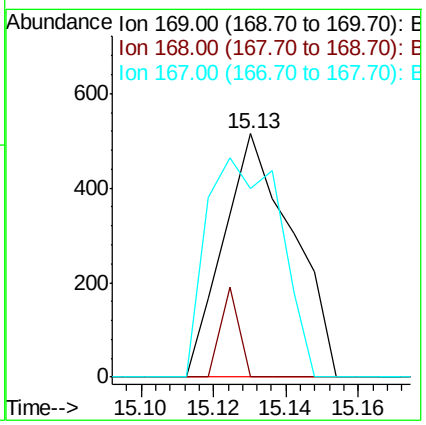


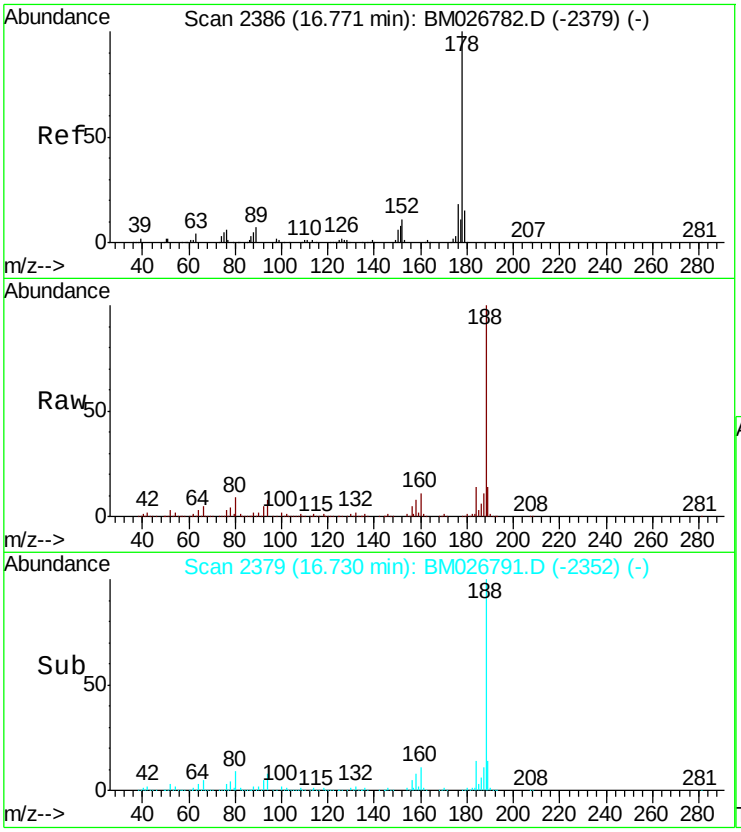


#65
N-Nitrosodiphenylamine
Concen: 0.045 ng/ul
RT: 15.13 min Scan# 2107
Delta R.T. -0.12 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Tgt Ion:169 Resp: 682

Ion	Ratio	Lower	Upper
169	100		
168	0.0	51.7	77.5#
167	77.3	28.4	42.6#



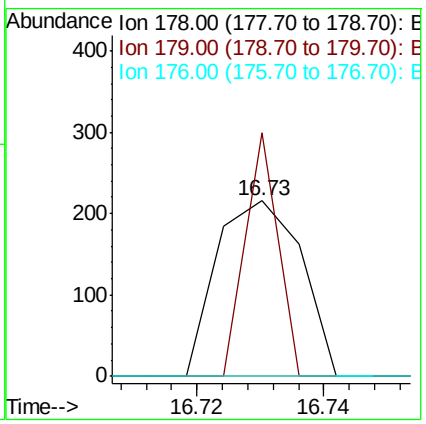


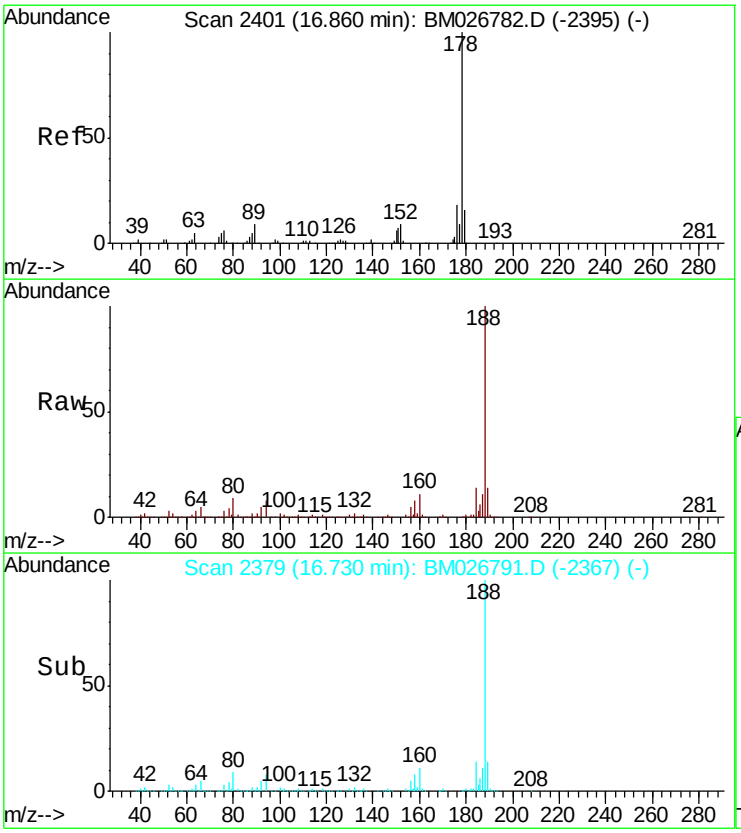
#70
Phenanthrene
Concen: 0.007 ng/ul
RT: 16.73 min Scan# 2379
Delta R.T. -0.04 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Instrument :
BNA_M
ClientSampleId :
SBLK84

Tgt Ion:178 Resp: 199

Ion	Ratio	Lower	Upper
178	100		
179	138.4	12.4	18.6#
176	0.0	14.3	21.5#

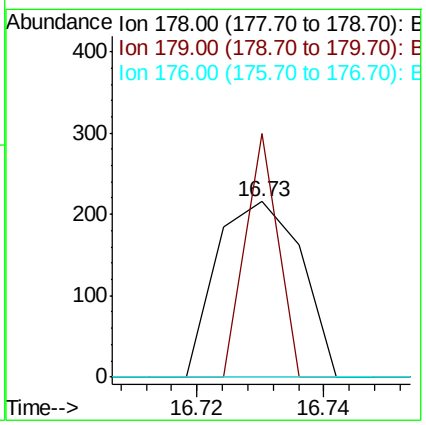


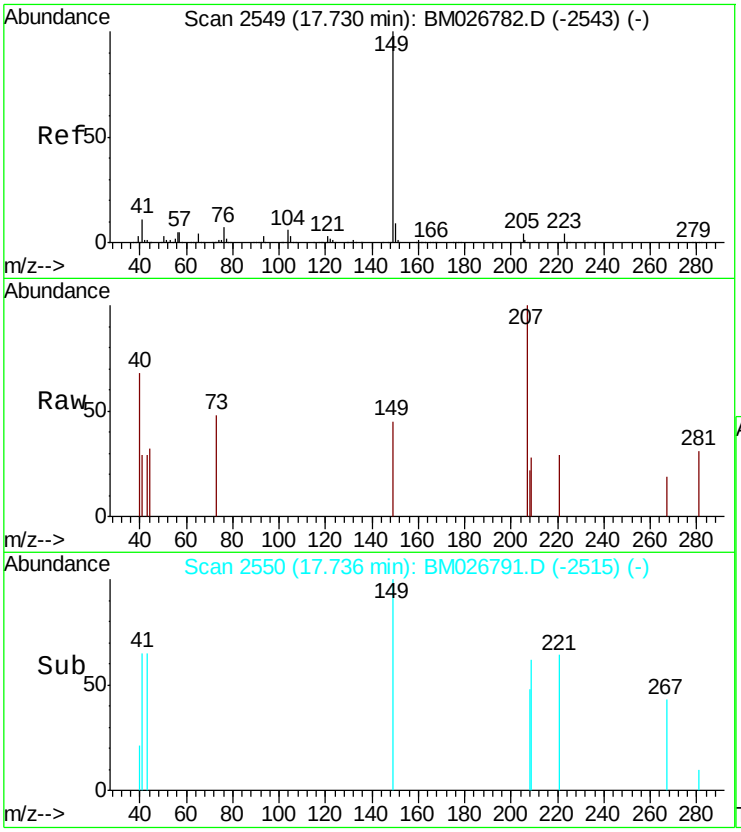


#72
Anthracene
Concen: 0.007 ng/ul
RT: 16.73 min Scan# 2379
Delta R.T. -0.13 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Tgt Ion:178 Resp: 199

Ion	Ratio	Lower	Upper
178	100		
179	138.4	11.8	17.6#
176	0.0	14.7	22.1#



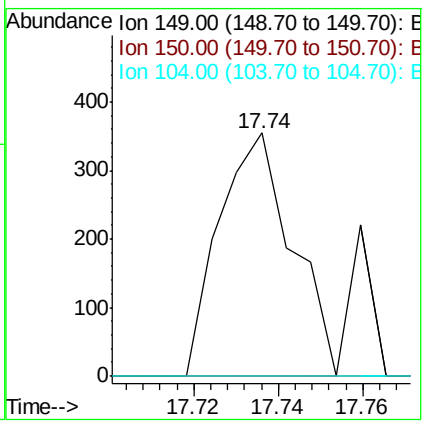


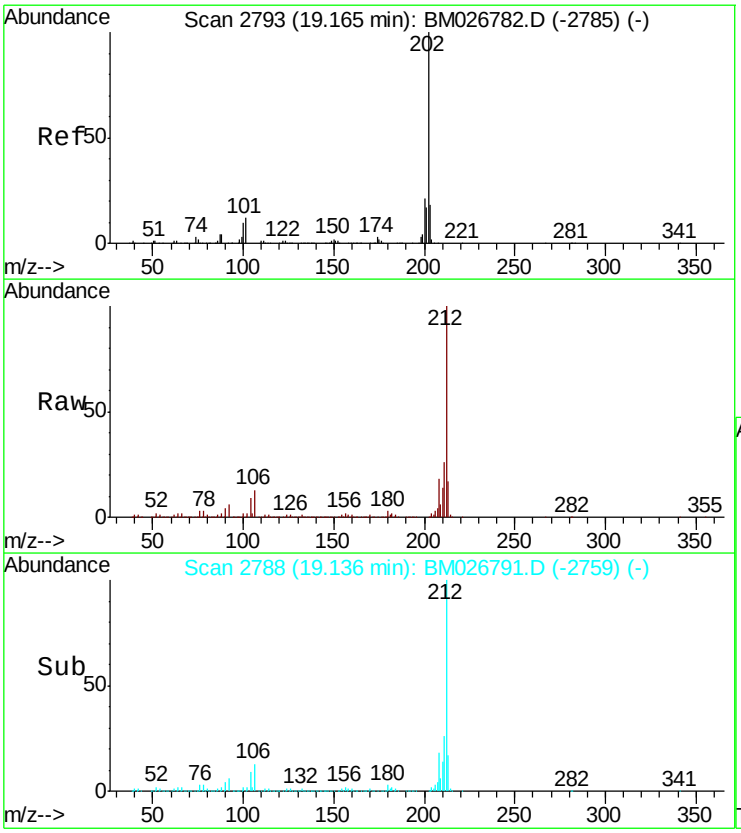
#76
Di-n-butylphthalate
Concen: 0.016 ng/ul
RT: 17.74 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Instrument :
BNA_M
ClientSampleId :
SBLK84

Tgt Ion:149 Resp: 426

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.1	10.7#
104	0.0	5.2	7.8#

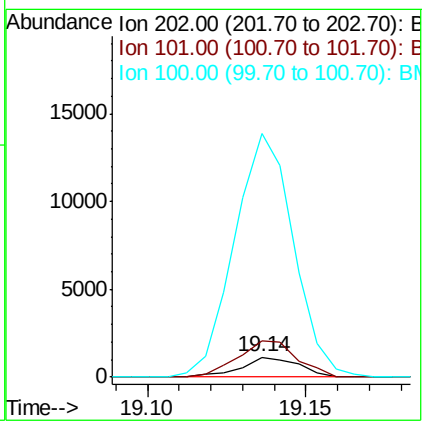


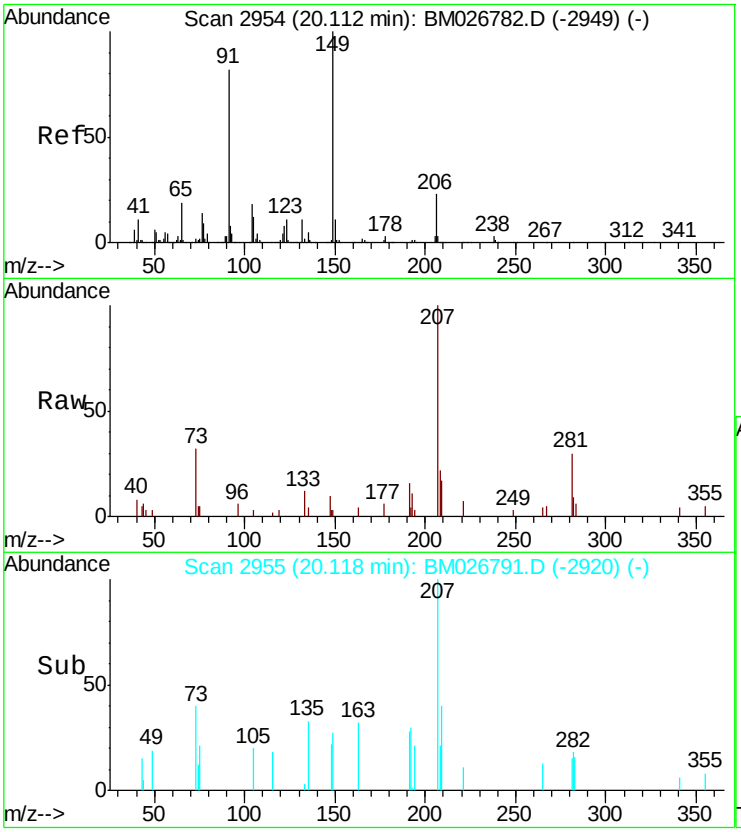


#80
Pyrene
Concen: 0.042 ng/ul
RT: 19.14 min Scan# 2788
Delta R.T. -0.03 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Tgt Ion:202 Resp: 1424

Ion	Ratio	Lower	Upper
202	100		
101	179.8	9.4	14.2#
100	1208.5	8.0	12.0#



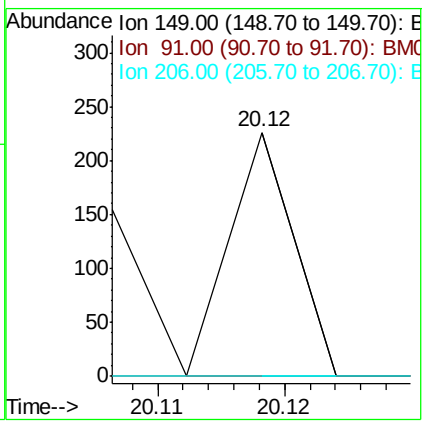


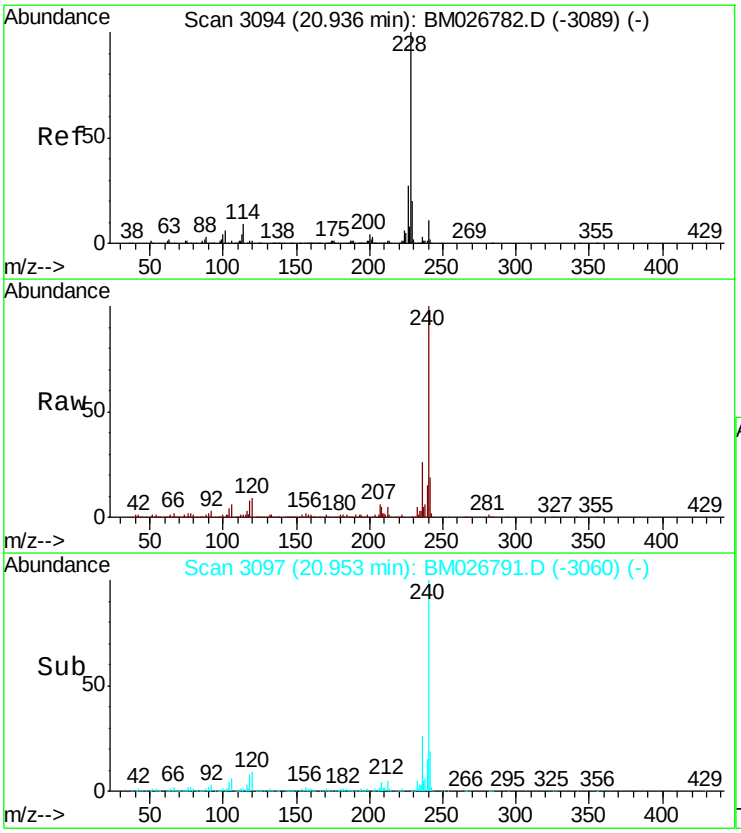
#81
Butylbenzylphthalate
Concen: 0.007 ng/ul
RT: 20.12 min Scan# 2955
Delta R.T. 0.01 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Instrument :
BNA_M
ClientSampleId :
SBLK84

Tgt Ion:149 Resp: 80

Ion	Ratio	Lower	Upper
149	100		
91	0.0	66.4	99.6#
206	0.0	16.3	24.5#

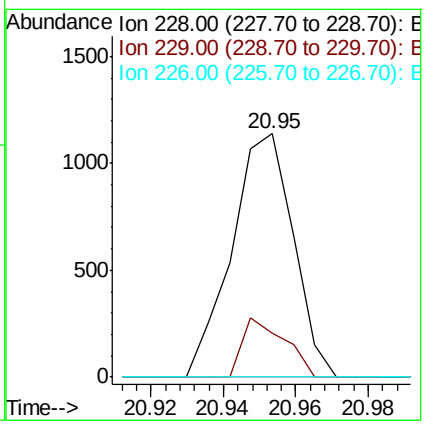


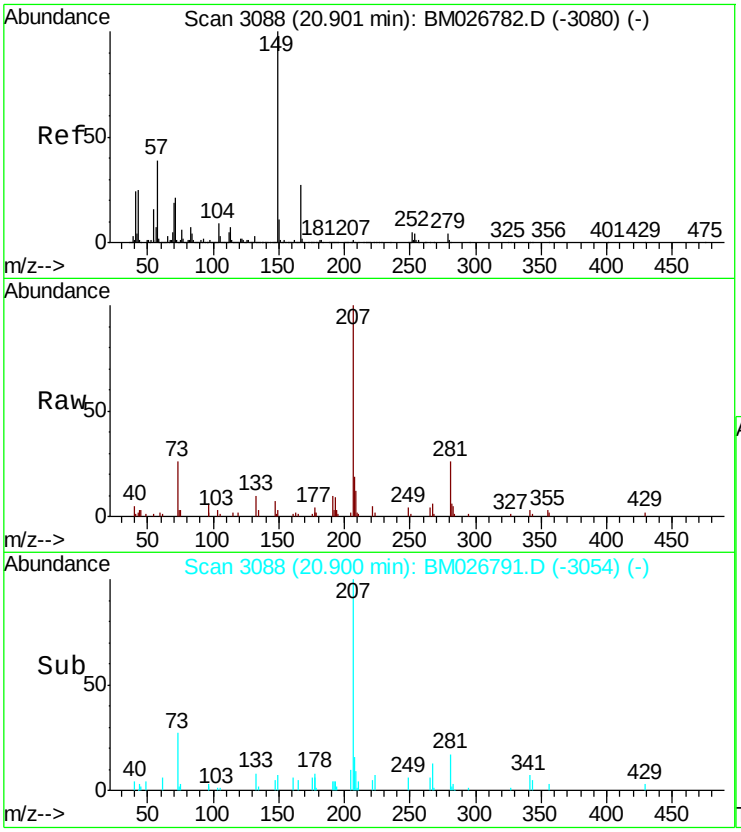


#83
Benzo(a)anthracene
Concen: 0.041 ng/ul
RT: 20.95 min Scan# 3097
Delta R.T. 0.02 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Tgt Ion:228 Resp: 1344

Ion	Ratio	Lower	Upper
228	100		
229	18.0	15.4	23.0
226	0.0	21.2	31.8#



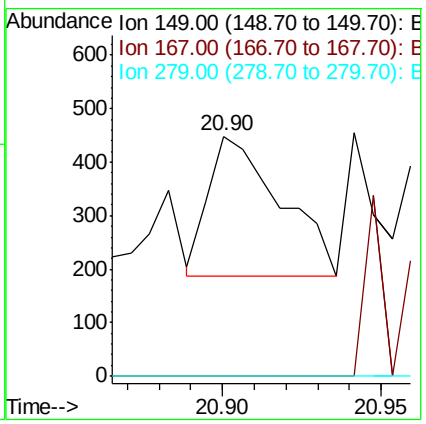


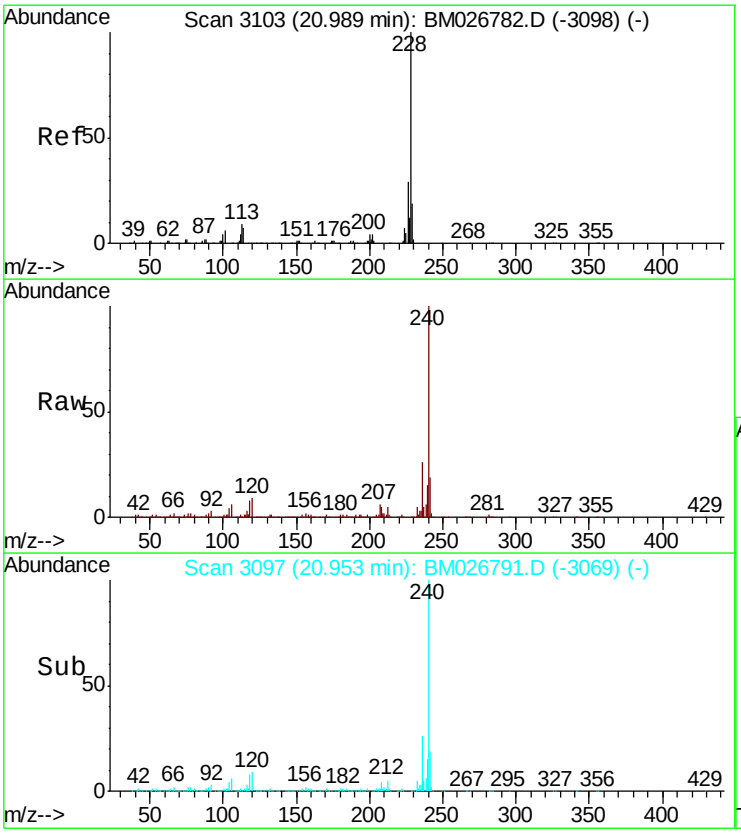
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.023 ng/ul
RT: 20.90 min Scan# 3088
Delta R.T. -0.00 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Instrument :
BNA_M
ClientSampleId :
SBLK84

Tgt Ion:149 Resp: 410

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.1	33.1#
279	0.0	3.6	5.4#

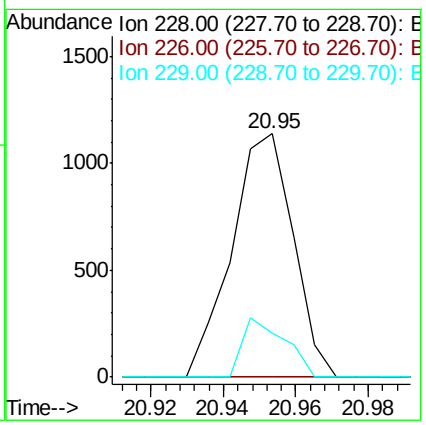


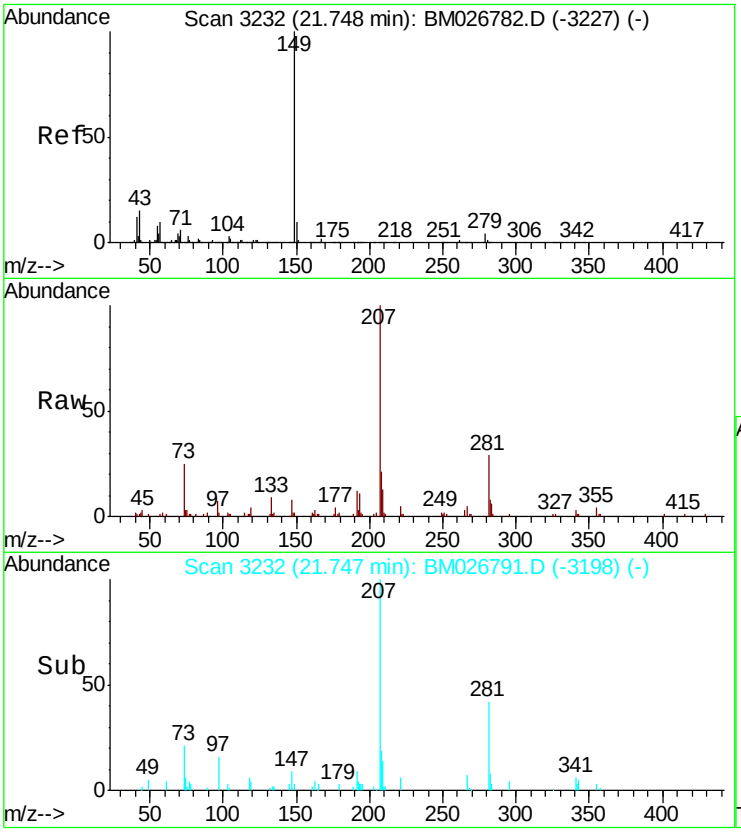


#85
Chrysene
Concen: 0.042 ng/ul
RT: 20.95 min Scan# 3097
Delta R.T. -0.04 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Tgt Ion:228 Resp: 1344

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	18.0	15.5	23.3

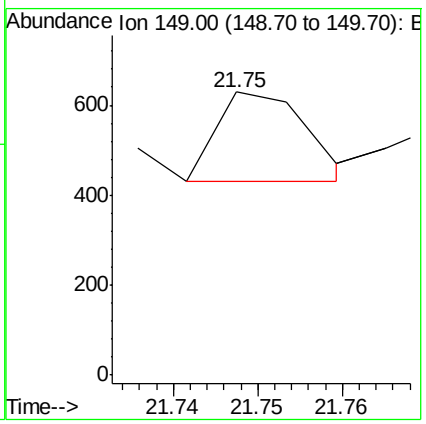


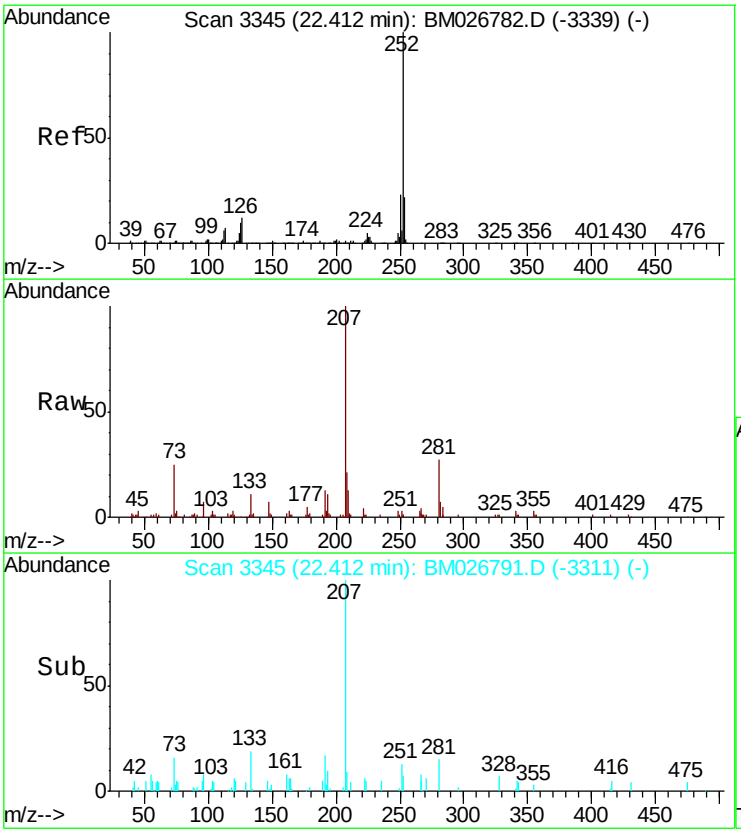


#87
Di-n-octyl phthalate
Concen: 0.005 ng/ul
RT: 21.75 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Instrument :
BNA_M
ClientSampleId :
SBLK84

Tgt Ion:149 Resp: 145

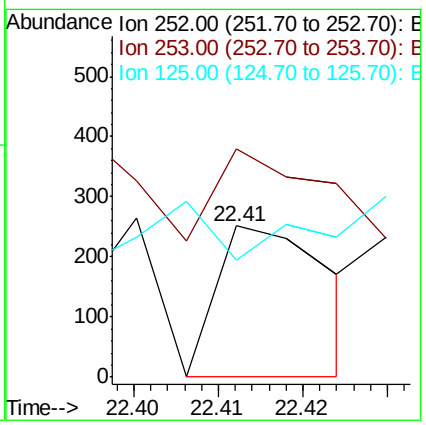


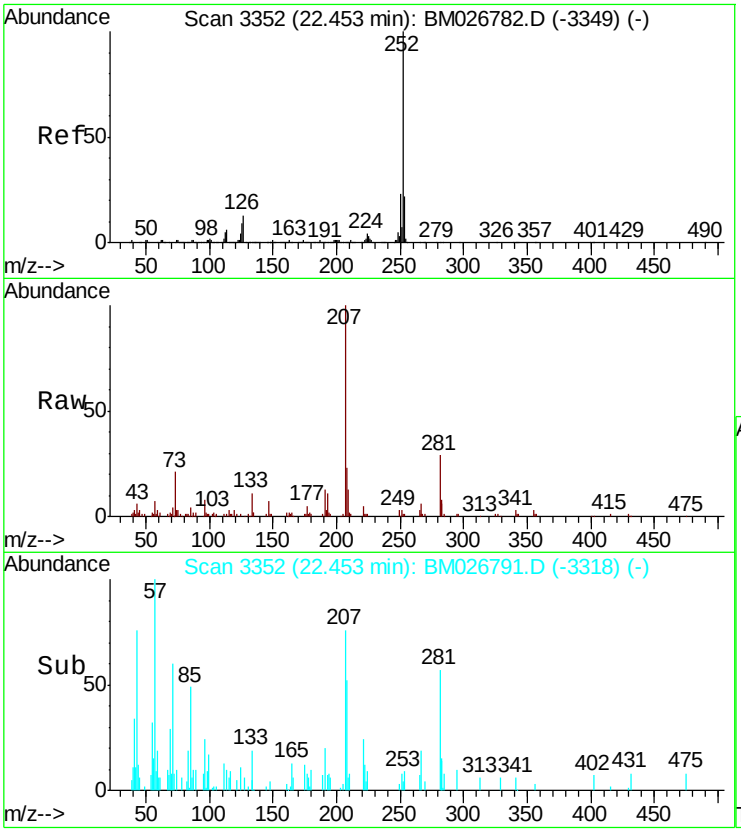


#88
Benzo(b)fluoranthene
Concen: 0.007 ng/ul
RT: 22.41 min Scan# 3345
Delta R.T. -0.00 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Tgt Ion:252 Resp: 230

Ion	Ratio	Lower	Upper
252	100		
253	151.4	17.2	25.8#
125	77.3	7.6	11.4#



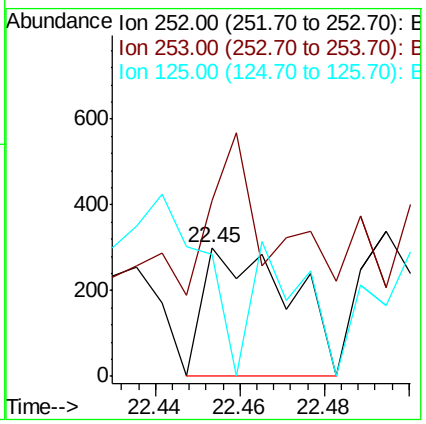


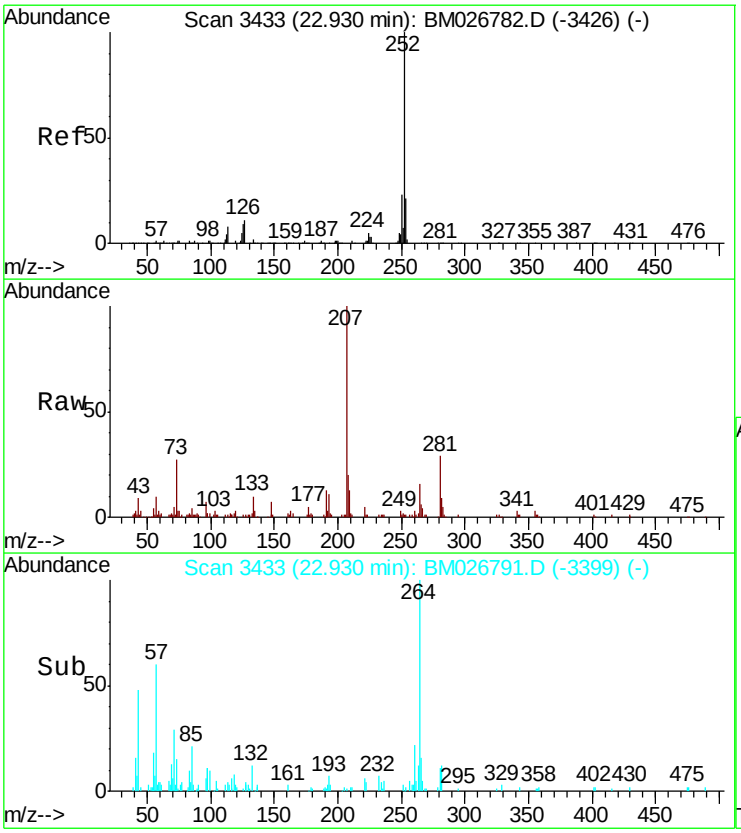
#89
Benzo(k)fluoranthene
Concen: 0.013 ng/ul
RT: 22.45 min Scan# 3352
Delta R.T. -0.00 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Instrument :
BNA_M
ClientSampleId :
SBLK84

Tgt Ion:252 Resp: 426

Ion	Ratio	Lower	Upper
252	100		
253	135.9	17.1	25.7#
125	94.7	7.7	11.5#





#91
Benzo(a)pyrene
Concen: 0.005 ng/ul
RT: 22.93 min Scan# 3433
Delta R.T. -0.00 min
Lab File: BM026791.D
Acq: 16 Jul 2020 18:54

Tgt Ion:252 Resp: 144

Ion	Ratio	Lower	Upper
252	100		
253	202.7	17.4	26.0#
125	95.8	7.5	11.3#