Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121620\
Data File : BM028137.D
Acq On : 15 Dec 2020 21:46
Operator : JU/CG
Sample : PB133577BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB133577BL

Quant Time: Dec 16 02:01:38 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 16 01:58:38 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.216	152	178150	20.00	ng	0.00
21) Naphthalene-d8	11.039	136	715585	20.00	ng	# 0.00
39) Acenaphthene-d10	14.839	164	417701	20.00	ng	0.00
64) Phenanthrene-d10	17.556	188	885743	20.00	ng	# 0.00
76) Chrysene-d12	21.668	240	729728	20.00	ng	# 0.00
86) Perylene-d12	24.033	264	603749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.710	112	1479424	136.85	ng	0.00
7) Phenol-d6	7.357	99	1908146	123.60	ng	0.00
23) Nitrobenzene-d5	9.392	82	1176396	81.58	ng	0.00
42) 2,4,6-Tribromophenol	16.315	330	676668	122.04	ng	0.00
45) 2-Fluorobiphenyl	13.468	172	2614389	81.37	ng	0.00
79) Terphenyl-d14	20.133	244	3287627	81.75	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.804	42	200	0.03	ng	# 1
9) Benzaldehyde	7.357	77	3288	0.38	ng	# 9
10) Phenol	7.357	94	216	0.01	ng	# 1
15) Benzyl Alcohol	8.210	79	4781	0.44	ng	# 36
24) Nitrobenzene	9.392	77	4062	0.29	ng	# 37
46) 1,1'-Biphenyl	13.680	154	3600	0.10	ng	90
52) Acenaphthene	14.845	154	1304	0.05	ng	# 5
63) Azobenzene	16.315	77	4309	0.13	ng	# 2
66) n-Nitrosodiphenylamine	16.309	169	23039	0.78	ng	# 43
70) Pentachlorophenol	17.139	266	133	0.02	ng	# 13
71) Phenanthrene	17.598	178	155	0.00	ng	# 61
72) Anthracene	17.598	178	155	0.00	ng	# 60
74) Di-n-butylphthalate	18.486	149	152	0.00	ng	# 78
75) Fluoranthene	19.580	202	163	0.00	ng	66
77) Benzidine	19.756	184	602	0.03	ng	# 67
78) Pyrene	20.133	202	12165	0.23	ng	# 61
80) Butylbenzylphthalate	20.809	149	67	0.00	ng	# 23
81) Benzo(a)anthracene	21.662	228	2138	0.04	ng	# 65
82) 3,3'-Dichlorobenzidine	21.586	252	399	0.02	ng	# 25
83) Chrysene	21.709	228	72	0.00	ng	# 50
84) Bis(2-ethylhexyl)phtha...	21.574	149	493	0.01	ng	# 52
85) Di-n-octyl phthalate	22.474	149	307	0.01	ng	# 44
87) Indeno(1,2,3-cd)pyrene	26.444	276	177	0.00	ng	# 54
88) Benzo(b)fluoranthene	23.285	252	331	0.01	ng	# 1
89) Benzo(k)fluoranthene	23.362	252	347	0.01	ng	# 1
90) Benzo(a)pyrene	23.927	252	161	0.00	ng	# 1
91) Dibenzo(a,h)anthracene	26.462	278	59	0.00	ng	# 1

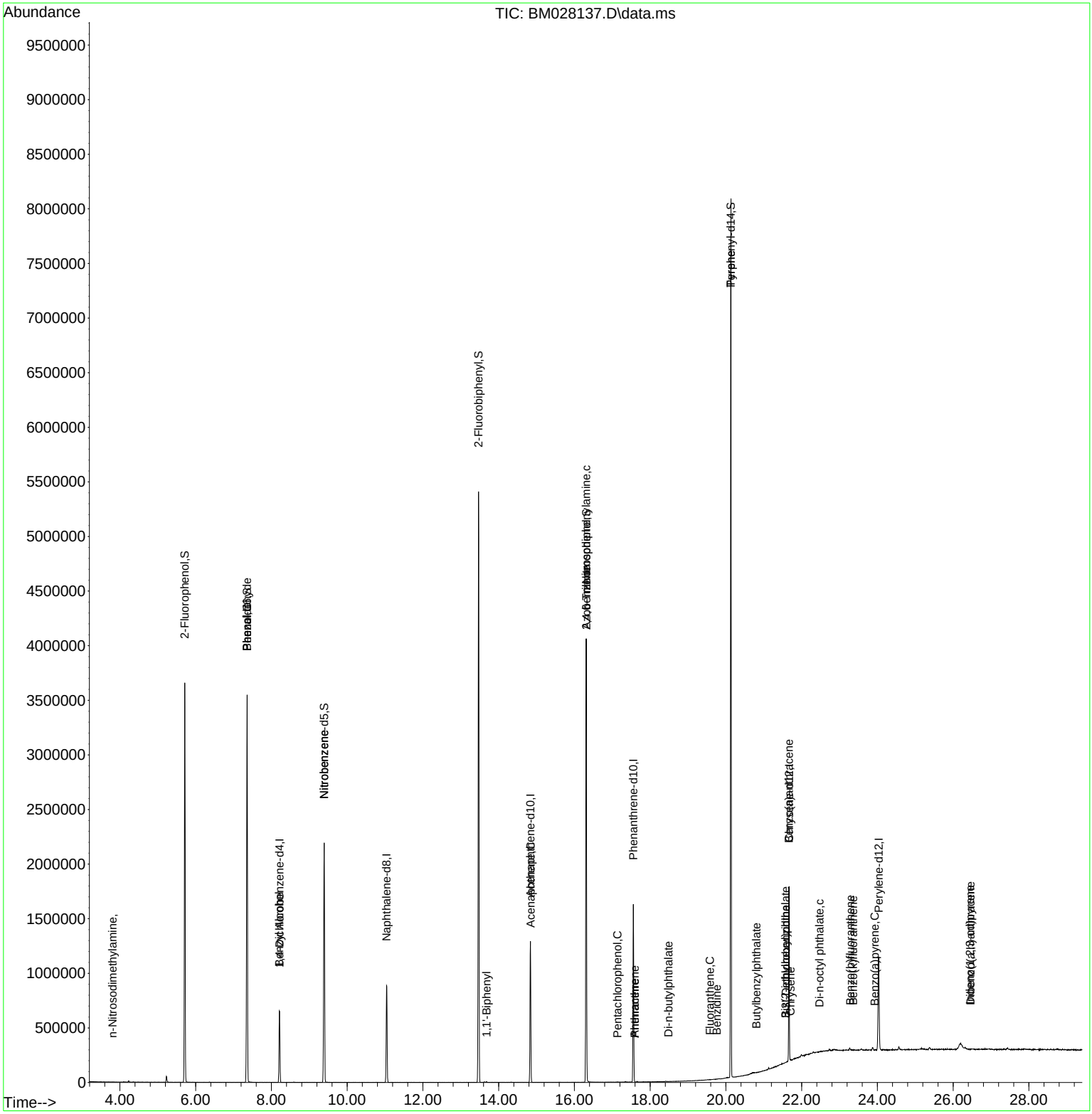
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

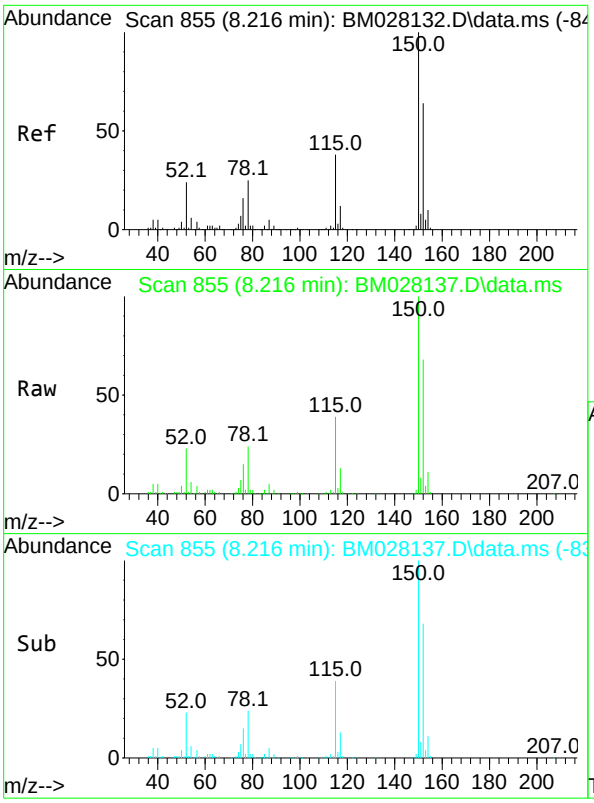
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121620\
Data File : BM028137.D
Acq On : 15 Dec 2020 21:46
Operator : JU/CG
Sample : PB133577BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB133577BL

Quant Time: Dec 16 02:01:38 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 16 01:58:38 2020
Response via : Initial Calibration



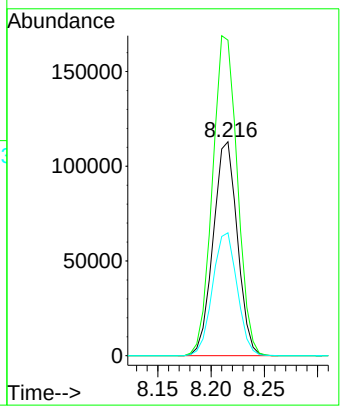
Instrument :
BNA_M
ClientSampleId :
PB133577BL

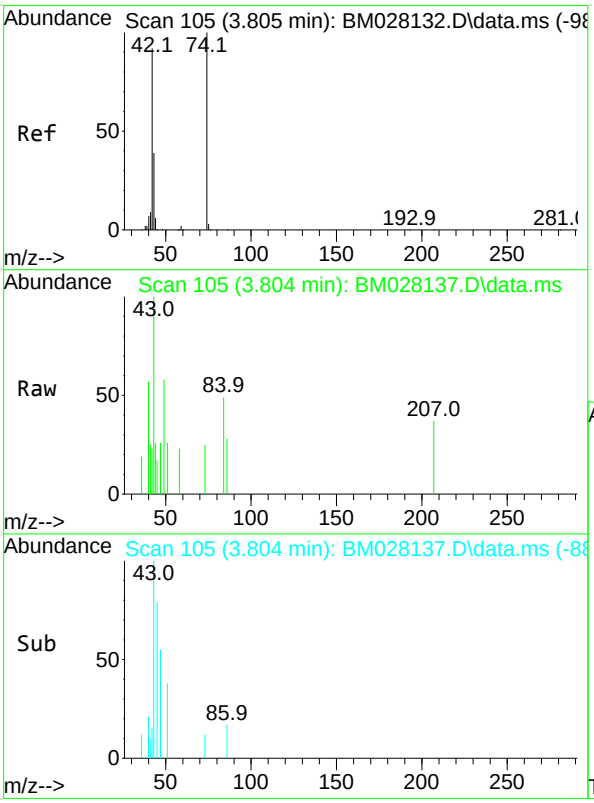


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.216 min Scan# 855
Delta R.T. -0.000 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:152 Resp: 178150

Ion	Ratio	Lower	Upper
152	100		
150	147.5	120.6	181.0
115	57.4	47.2	70.8

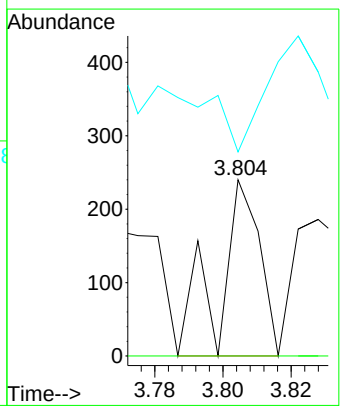




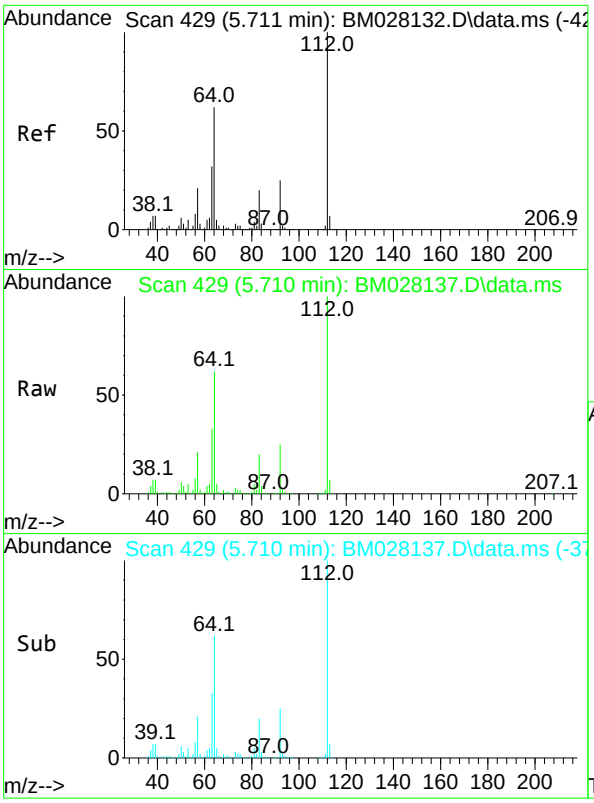
#4
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.804 min Scan# 105
Delta R.T. -0.000 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion: 42 Resp: 200

Ion	Ratio	Lower	Upper
42	100		
74	0.0	127.8	191.6#
44	115.8	4.1	6.1#



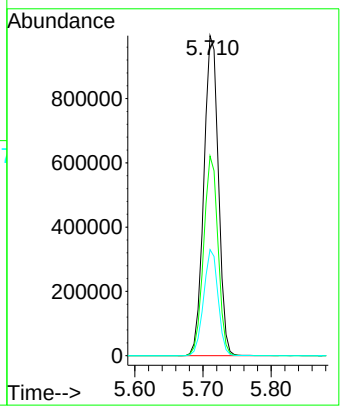
Instrument :
BNA_M
ClientSampleId :
PB133577BL

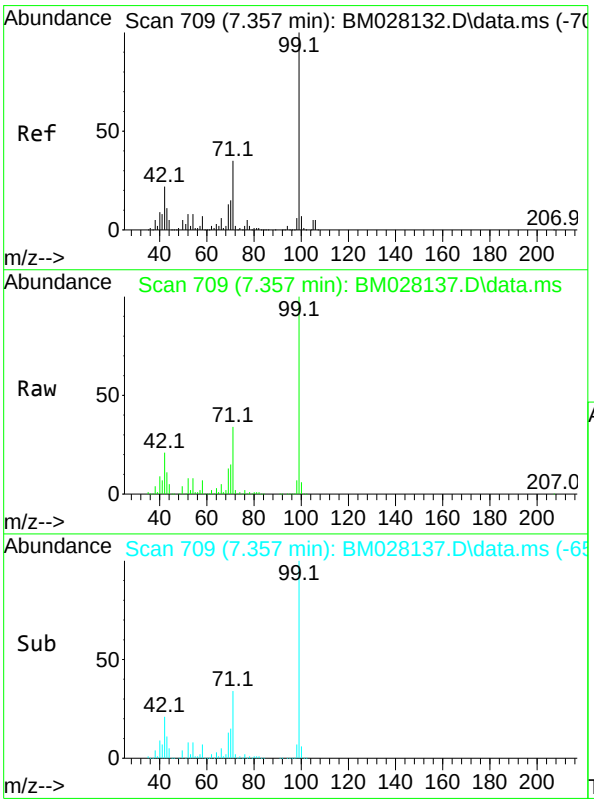


#5
2-Fluorophenol
Concen: 136.85 ng
RT: 5.710 min Scan# 429
Delta R.T. -0.001 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:112 Resp: 1479424

Ion	Ratio	Lower	Upper
112	100		
64	62.3	50.6	76.0
63	33.2	31.0	46.6

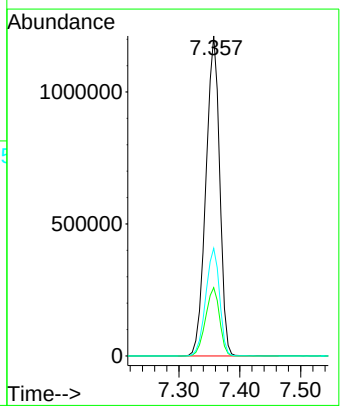




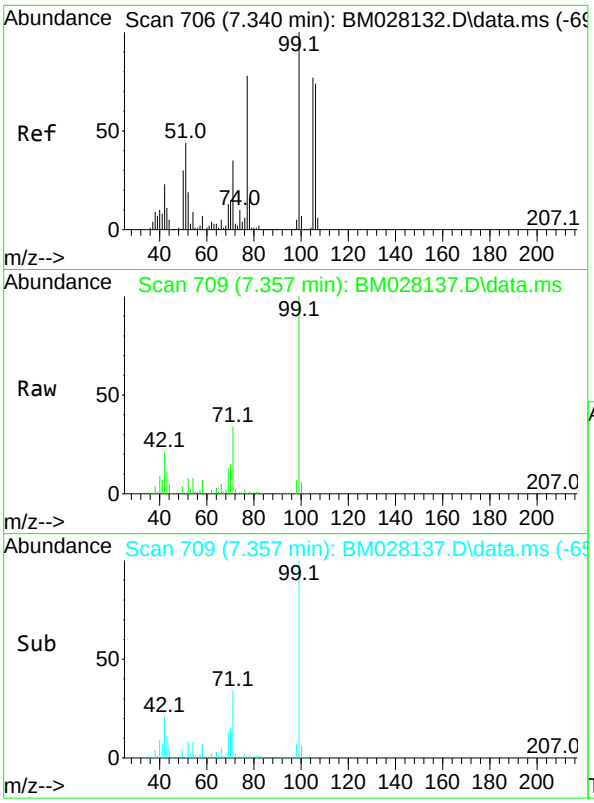
#7
Phenol-d6
Concen: 123.60 ng
RT: 7.357 min Scan# 709
Delta R.T. 0.000 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion: 99 Resp: 1908146

Ion	Ratio	Lower	Upper
99	100		
42	21.3	13.5	20.3#
71	33.7	39.4	59.0#



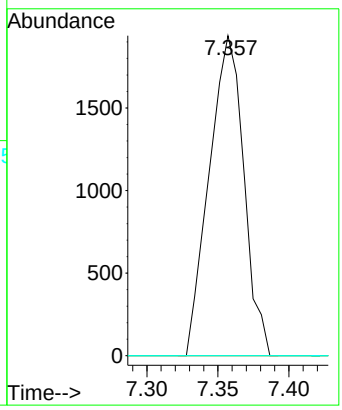
Instrument :
BNA_M
ClientSampleId :
PB133577BL

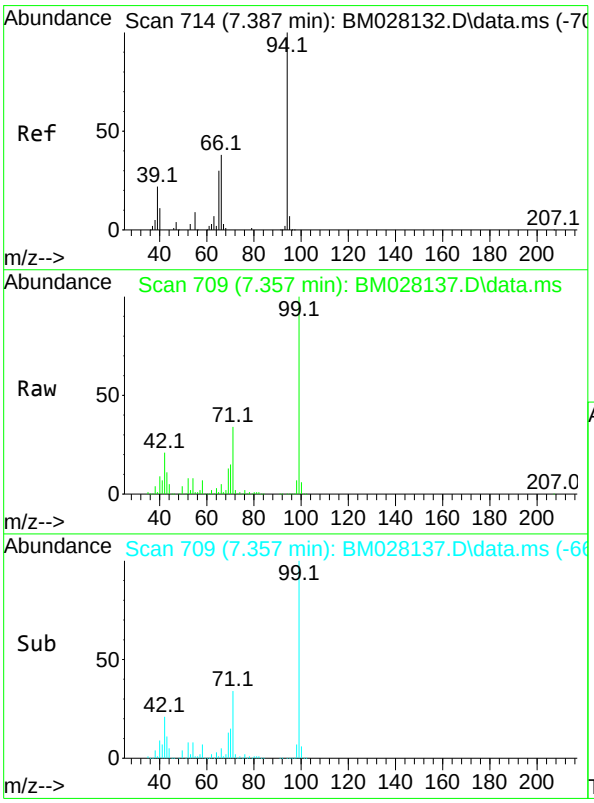


#9
Benzaldehyde
Concen: 0.38 ng
RT: 7.357 min Scan# 709
Delta R.T. 0.017 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion: 77 Resp: 3288

Ion	Ratio	Lower	Upper
77	100		
105	0.0	64.7	104.7#
106	0.0	57.5	97.5#

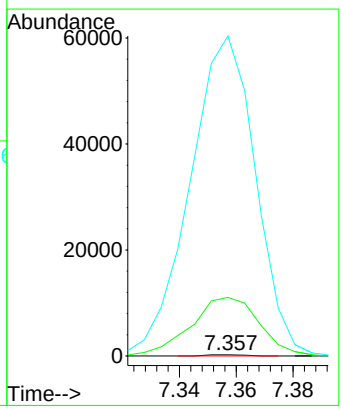




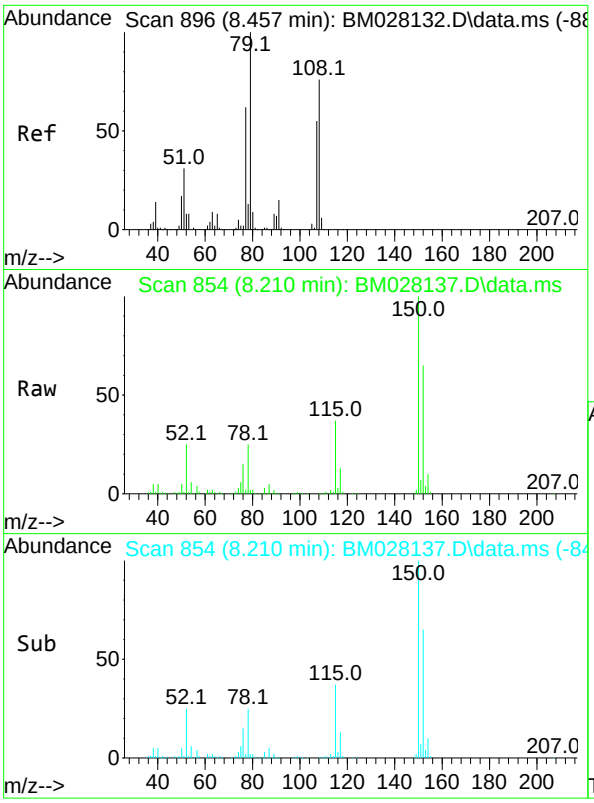
#10
Phenol
Concen: 0.01 ng
RT: 7.357 min Scan# 709
Delta R.T. -0.030 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion: 94 Resp: 216

Ion	Ratio	Lower	Upper
94	100		
65	4933.9	16.4	56.4#
66	26957.1	30.2	70.2#



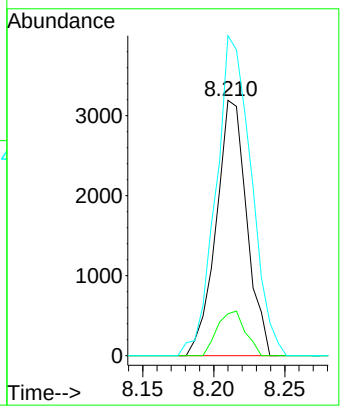
Instrument :
BNA_M
ClientSampleId :
PB133577BL

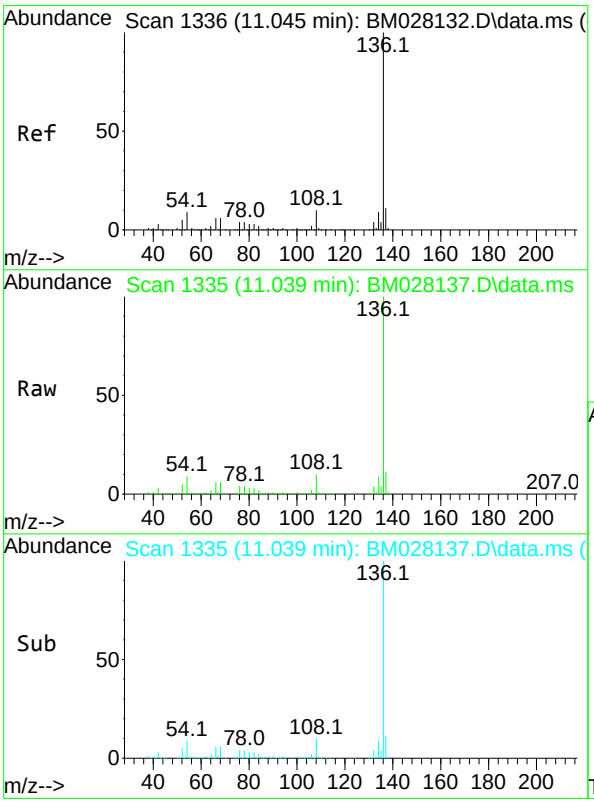


#15
Benzyl Alcohol
Concen: 0.44 ng
RT: 8.210 min Scan# 854
Delta R.T. -0.247 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion: 79 Resp: 4781

Ion	Ratio	Lower	Upper
79	100		
108	16.4	49.0	73.4#
77	125.3	55.2	82.8#

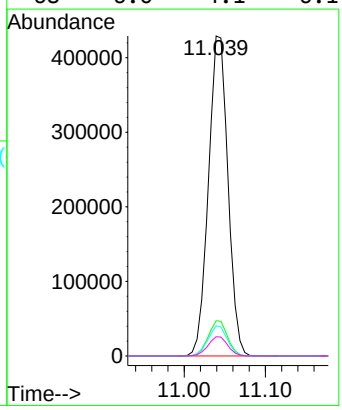




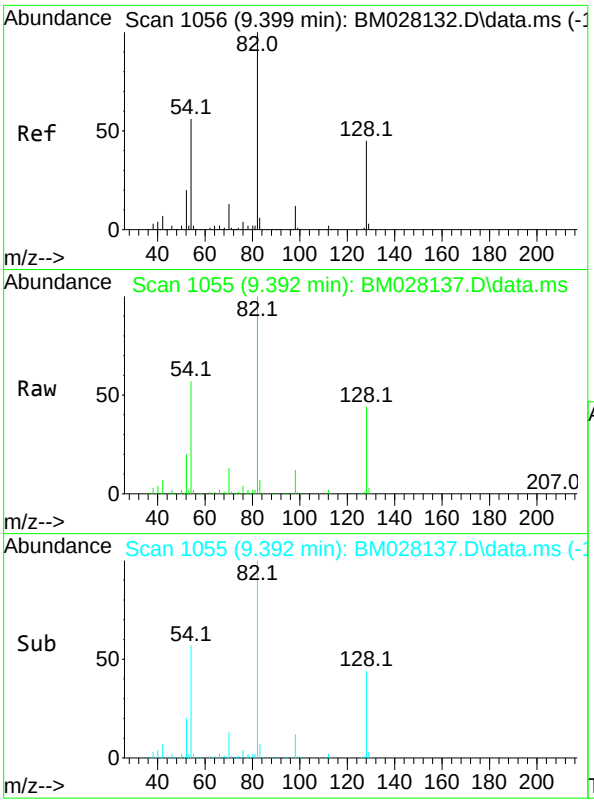
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.039 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:136 Resp: 715585

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.5	4.6	7.0#
68	6.0	4.1	6.1



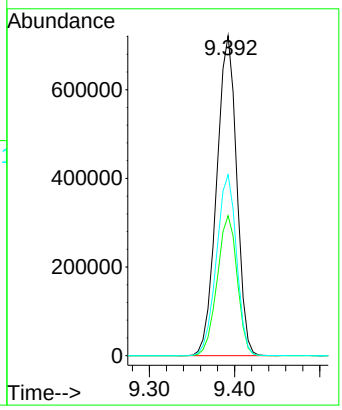
Instrument :
BNA_M
ClientSampleId :
PB133577BL

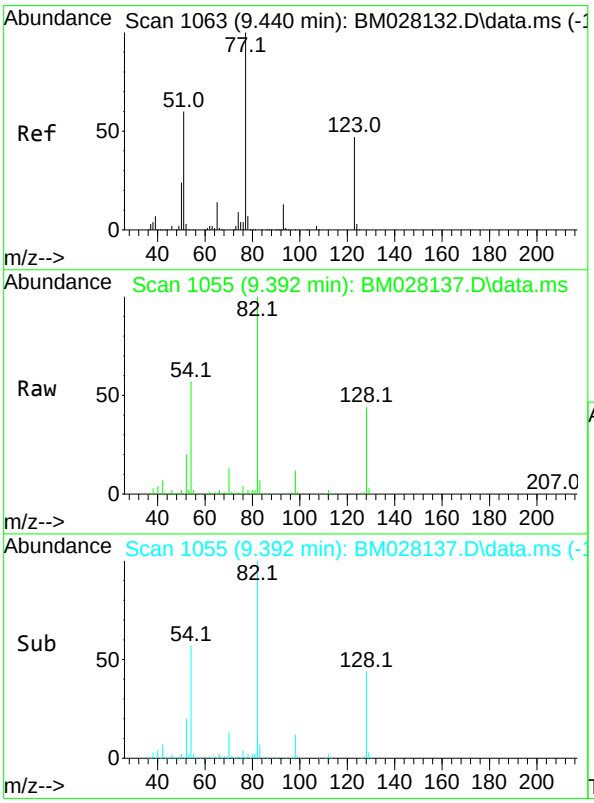


#23
Nitrobenzene-d5
Concen: 81.58 ng
RT: 9.392 min Scan# 1055
Delta R.T. -0.007 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion: 82 Resp: 1176396

Ion	Ratio	Lower	Upper
82	100		
128	43.8	27.4	41.0#
54	56.6	31.4	47.0#

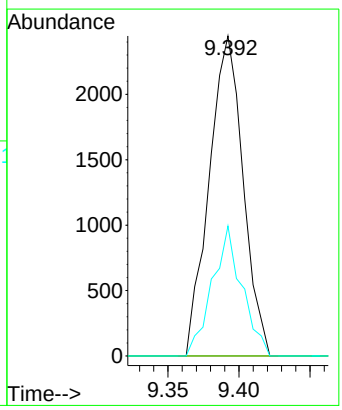




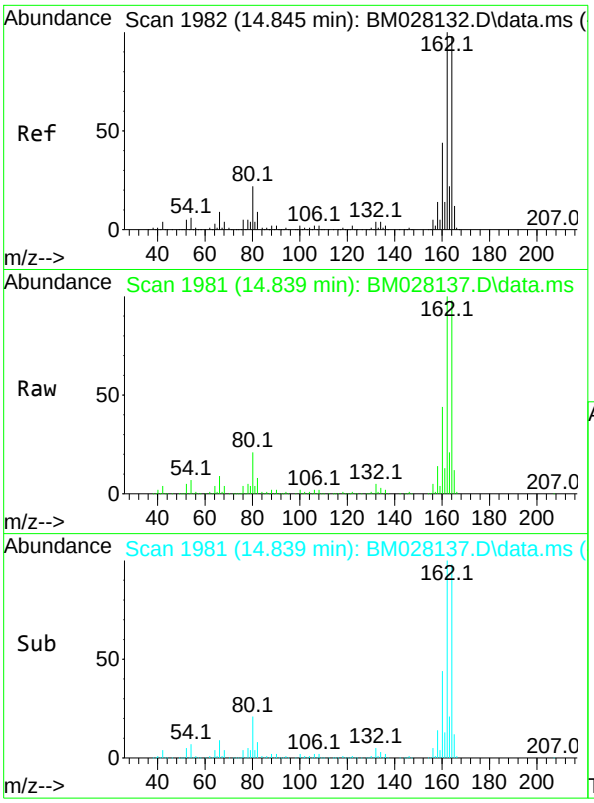
#24
Nitrobenzene
Concen: 0.29 ng
RT: 9.392 min Scan# 1055
Delta R.T. -0.047 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion: 77 Resp: 4062

Ion	Ratio	Lower	Upper
77	100		
123	0.0	29.1	43.7#
65	40.6	11.3	16.9#



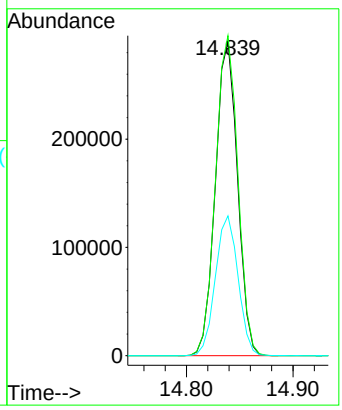
Instrument :
BNA_M
ClientSampleId :
PB133577BL

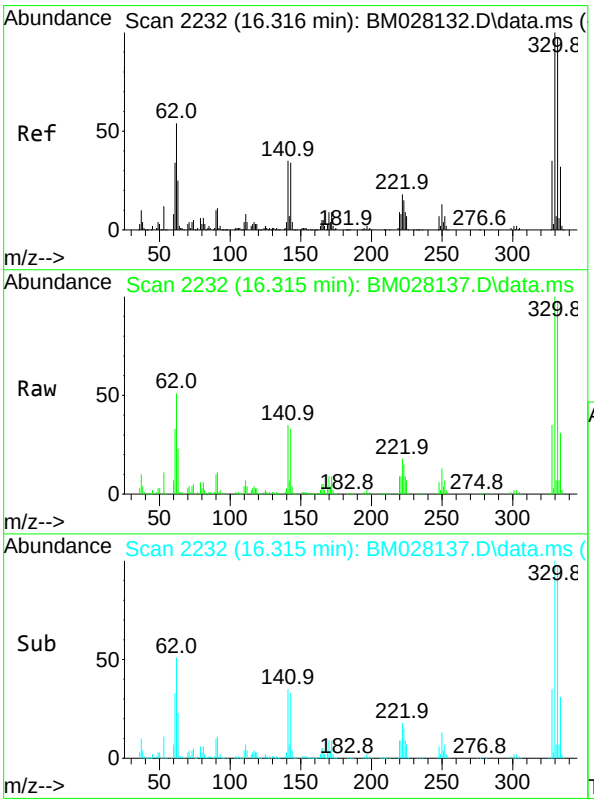


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.839 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:164 Resp: 417701

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.4	120.6
160	44.5	35.9	53.9

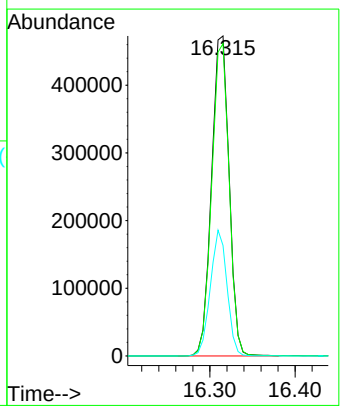




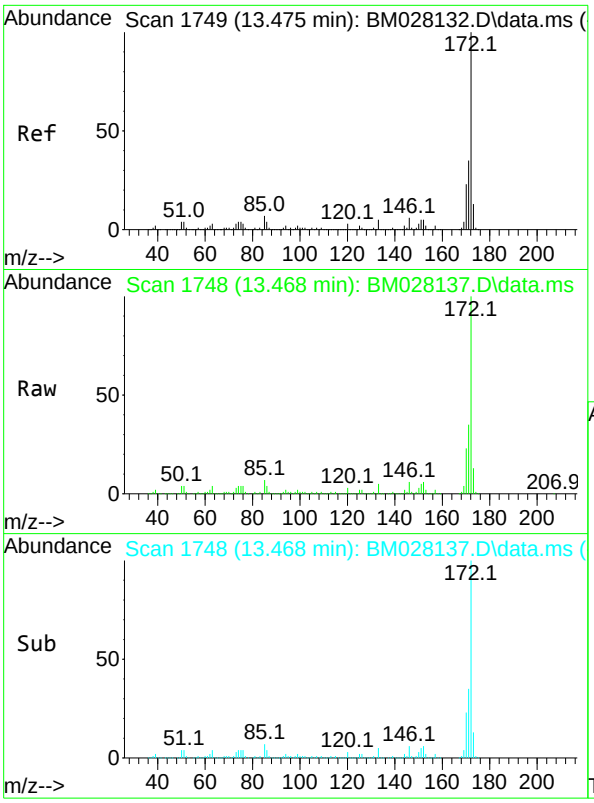
#42
2,4,6-Tribromophenol
Concen: 122.04 ng
RT: 16.315 min Scan# 2232
Delta R.T. -0.001 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:330 Resp: 676668

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.8	116.8
141	37.4	28.4	42.6



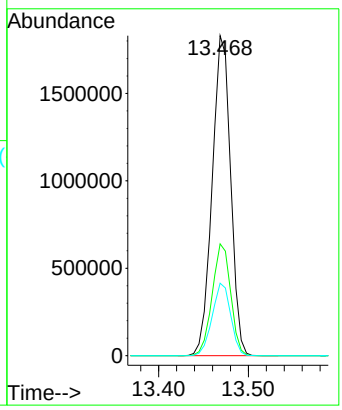
Instrument :
BNA_M
ClientSampleId :
PB133577BL

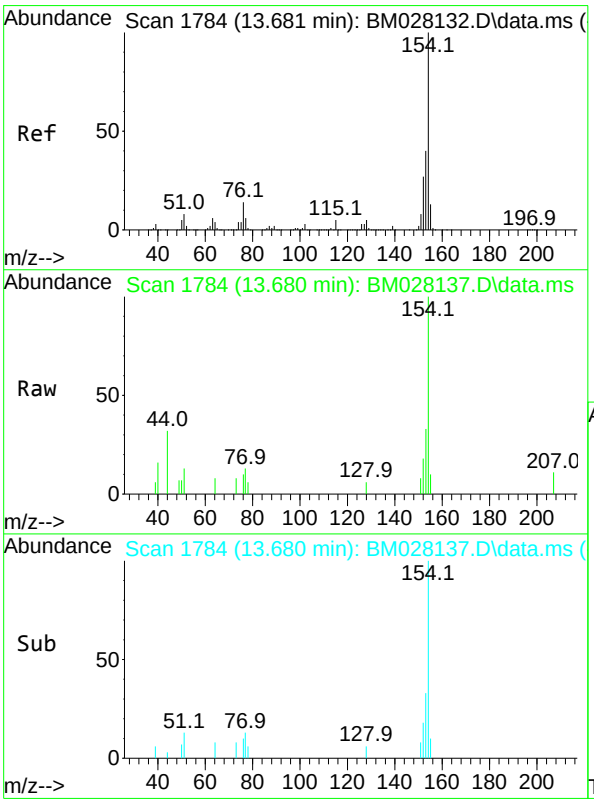


#45
2-Fluorobiphenyl
Concen: 81.37 ng
RT: 13.468 min Scan# 1748
Delta R.T. -0.007 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:172 Resp: 2614389

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.8
170	22.7	18.6	27.8

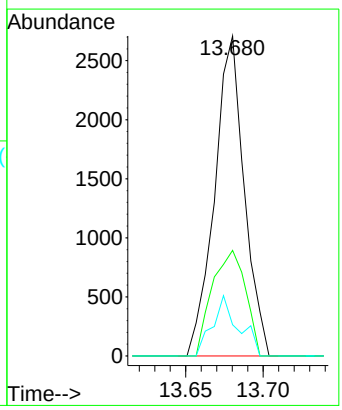




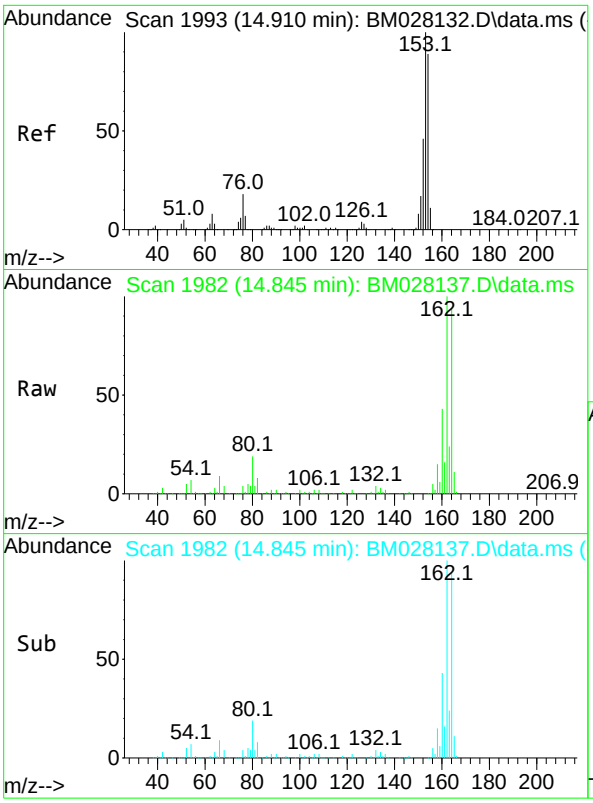
#46
1,1'-Biphenyl
Concen: 0.10 ng
RT: 13.680 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:154 Resp: 3600

Ion	Ratio	Lower	Upper
154	100		
153	33.0	20.0	60.0
76	9.8	0.0	32.0



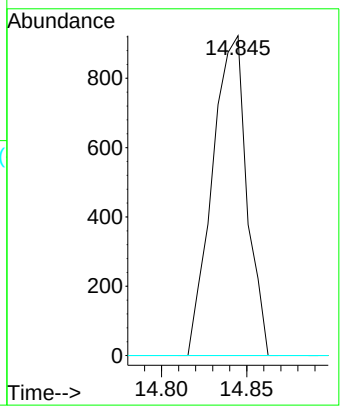
Instrument :
BNA_M
ClientSampleId :
PB133577BL

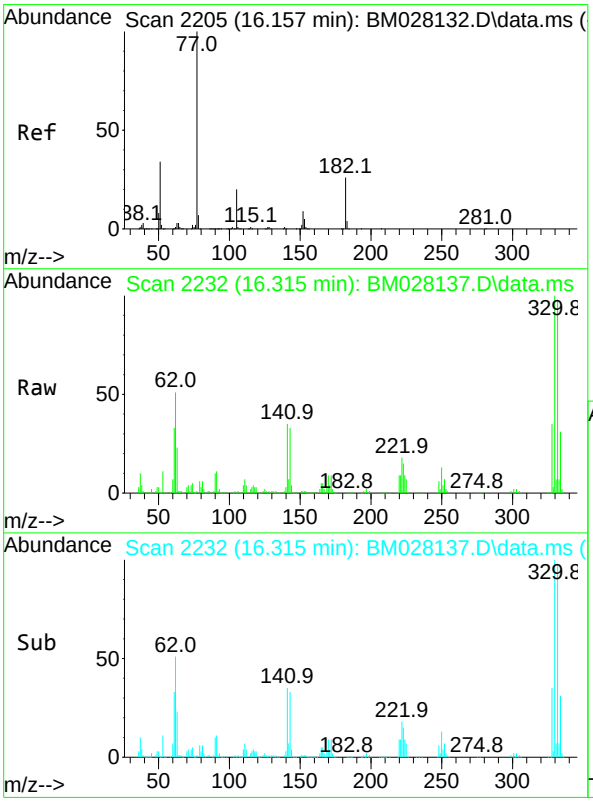


#52
Acenaphthene
Concen: 0.05 ng
RT: 14.845 min Scan# 1982
Delta R.T. -0.065 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:154 Resp: 1304

Ion	Ratio	Lower	Upper
154	100		
153	0.0	88.3	132.5#
152	0.0	41.4	62.2#

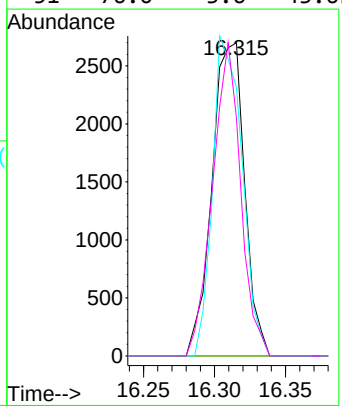




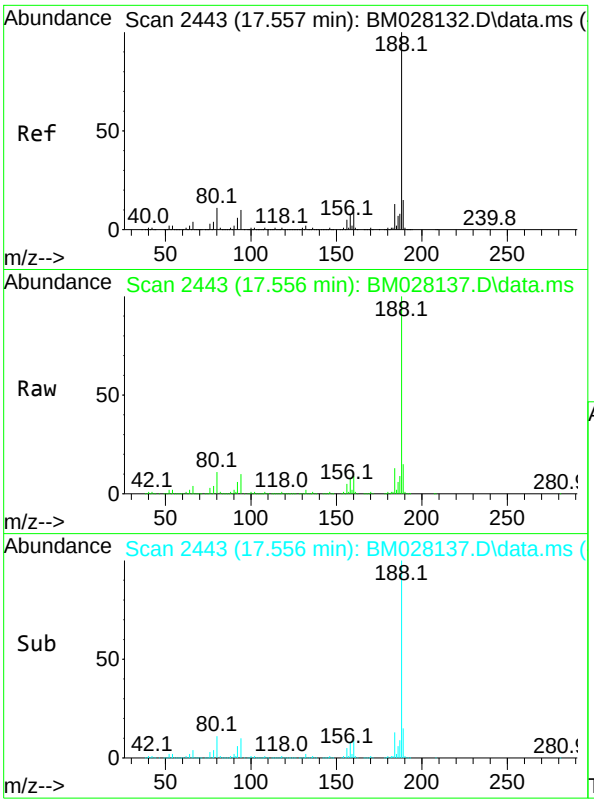
#63
Azobenzene
Concen: 0.13 ng
RT: 16.315 min Scan# 2232
Delta R.T. 0.158 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion: 77 Resp: 4309

Ion	Ratio	Lower	Upper
77	100		
182	0.0	5.8	45.8#
105	85.7	0.0	37.2#
51	76.0	3.6	43.6#



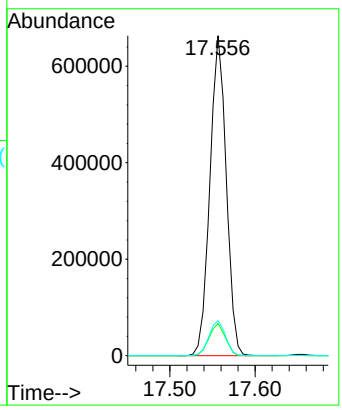
Instrument :
BNA_M
ClientSampleId :
PB133577BL

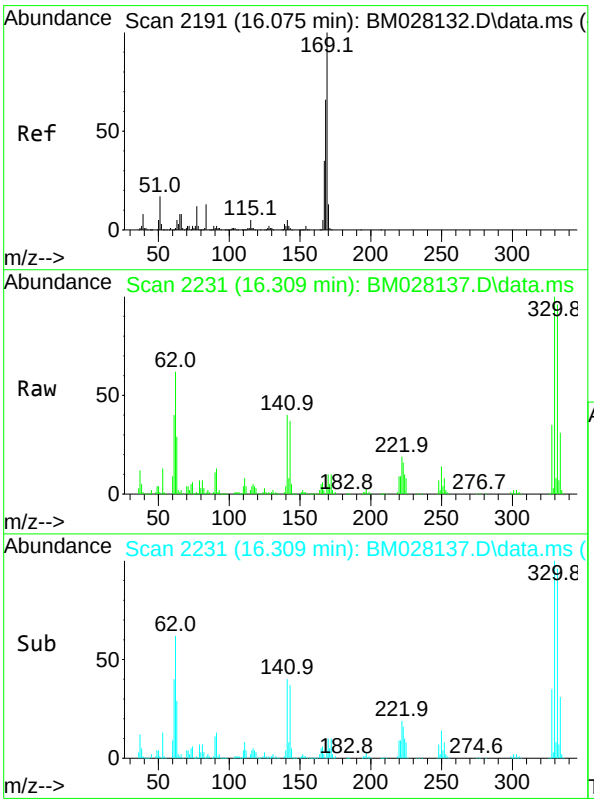


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.556 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:188 Resp: 885743

Ion	Ratio	Lower	Upper
188	100		
94	10.1	6.2	9.4#
80	11.0	7.5	11.3

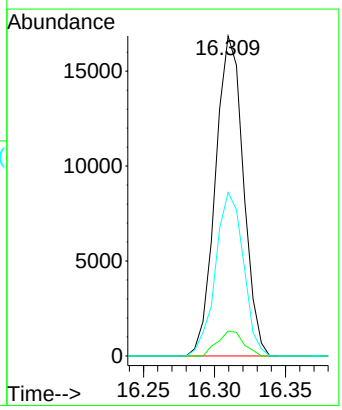




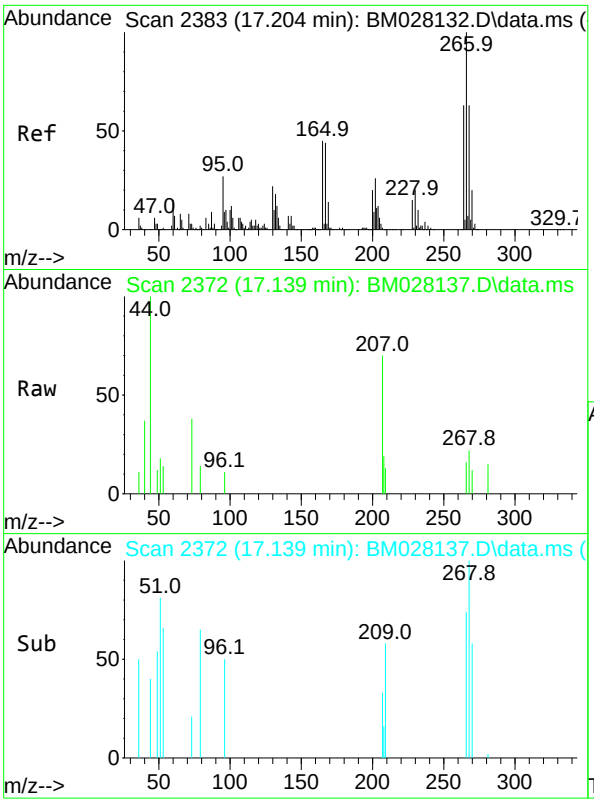
#66
n-Nitrosodiphenylamine
Concen: 0.78 ng
RT: 16.309 min Scan# 2231
Delta R.T. 0.235 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:169 Resp: 23039

Ion	Ratio	Lower	Upper
169	100		
168	7.8	53.8	80.8#
167	51.1	29.0	43.4#



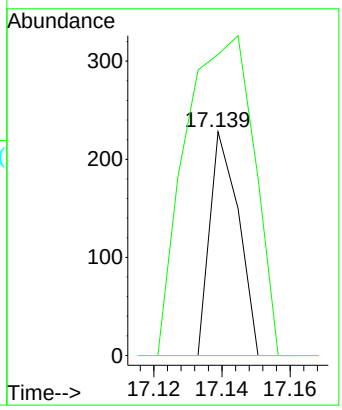
Instrument :
BNA_M
ClientSampleId :
PB133577BL

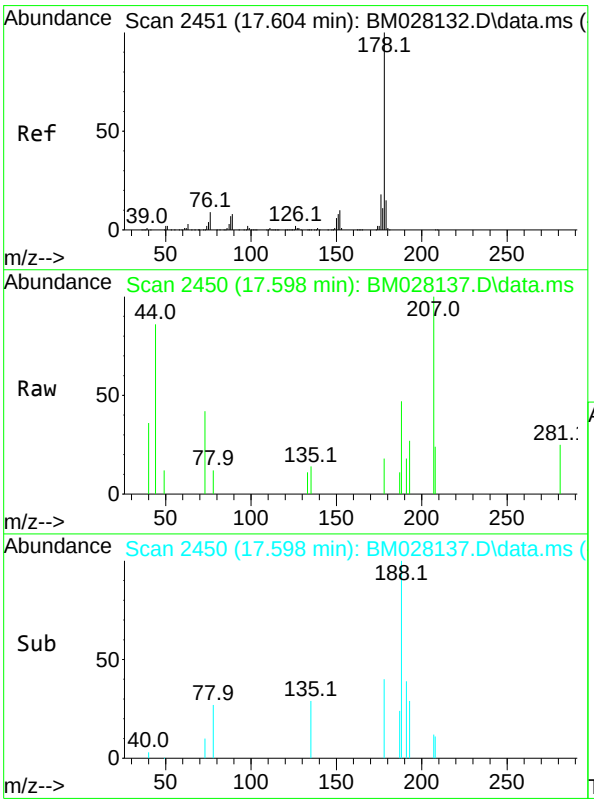


#70
Pentachlorophenol
Concen: 0.02 ng
RT: 17.139 min Scan# 2372
Delta R.T. -0.065 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:266 Resp: 133

Ion	Ratio	Lower	Upper
266	100		
268	134.6	49.9	74.9#
264	0.0	50.6	76.0#

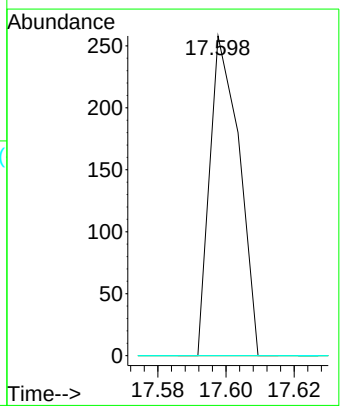




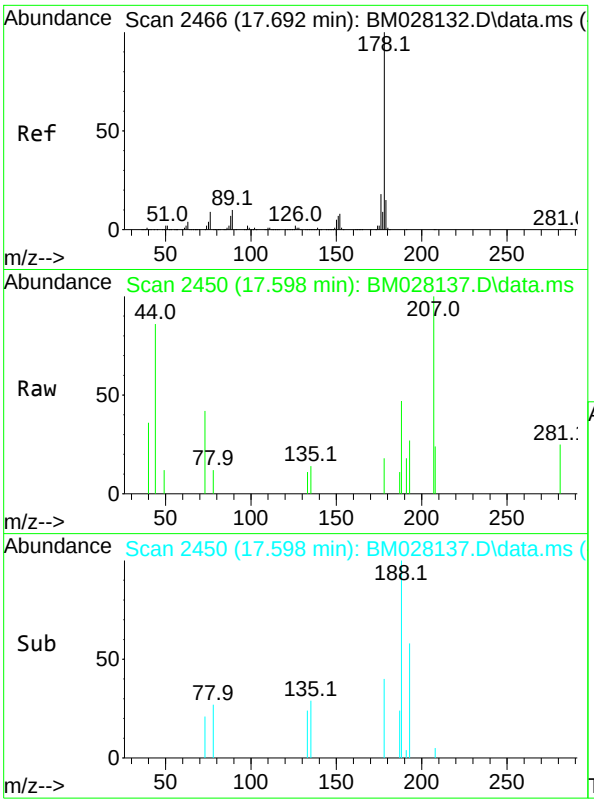
#71
Phenanthrene
Concen: 0.00 ng
RT: 17.598 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:178 Resp: 155

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.6#
179	0.0	12.2	18.4#



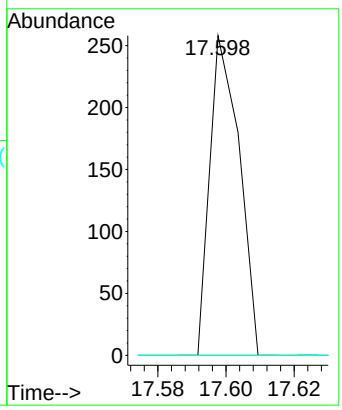
Instrument :
BNA_M
ClientSampleId :
PB133577BL

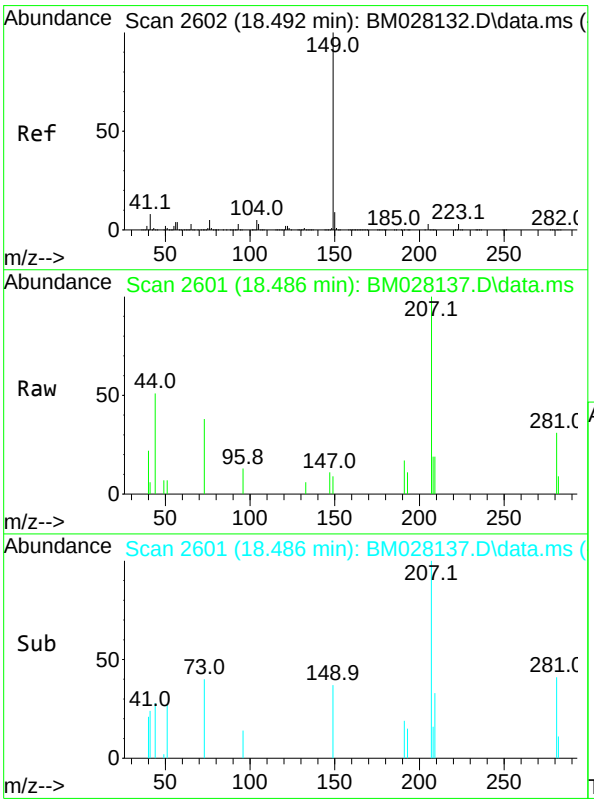


#72
Anthracene
Concen: 0.00 ng
RT: 17.598 min Scan# 2450
Delta R.T. -0.094 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:178 Resp: 155

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	0.0	12.5	18.7#

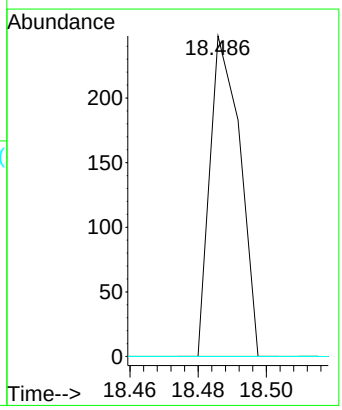




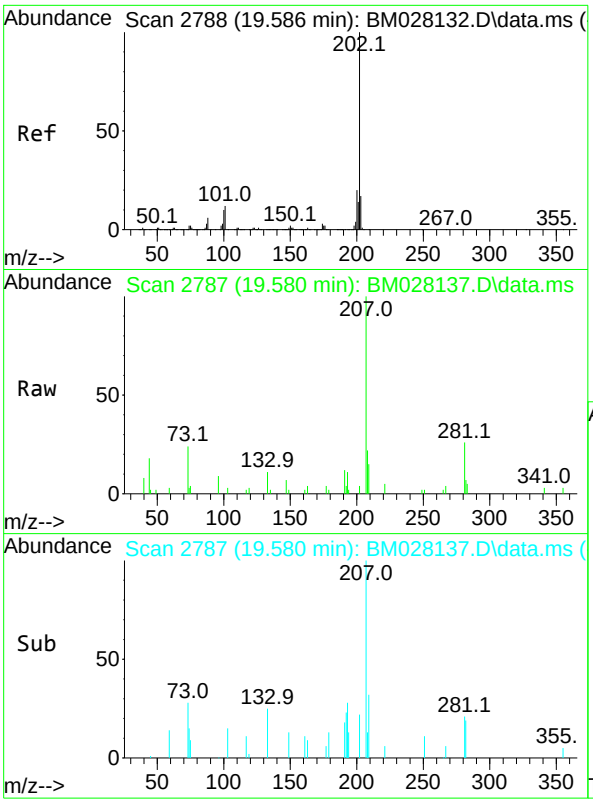
#74
Di-n-butylphthalate
Concen: 0.00 ng
RT: 18.486 min Scan# 2601
Delta R.T. -0.006 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:149 Resp: 152

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.4	11.0#
104	0.0	4.7	7.1#



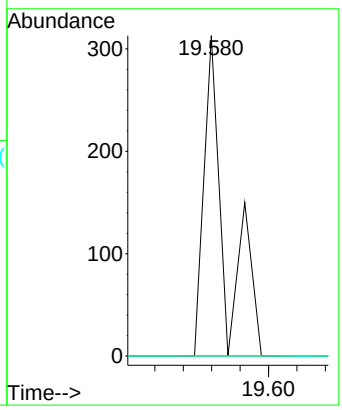
Instrument :
BNA_M
ClientSampleId :
PB133577BL

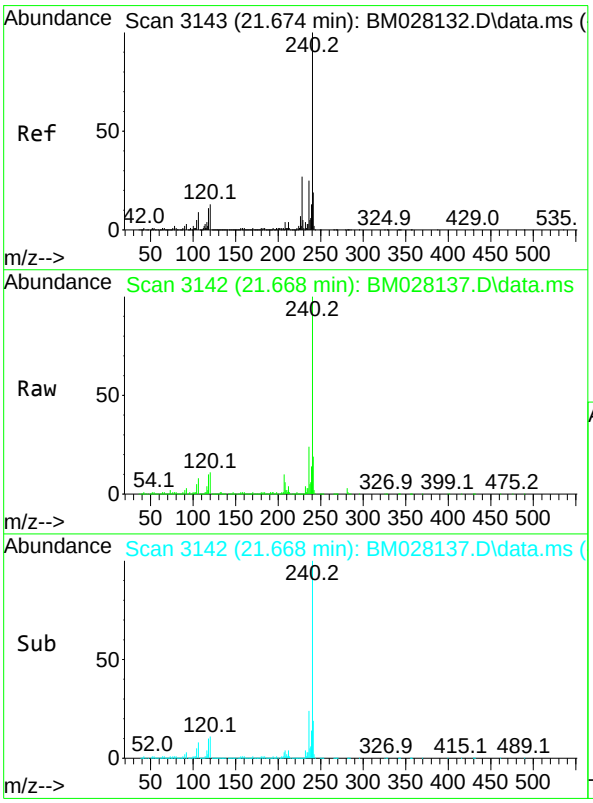


#75
Fluoranthene
Concen: 0.00 ng
RT: 19.580 min Scan# 2787
Delta R.T. -0.006 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:202 Resp: 163

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.5
203	0.0	0.0	37.3

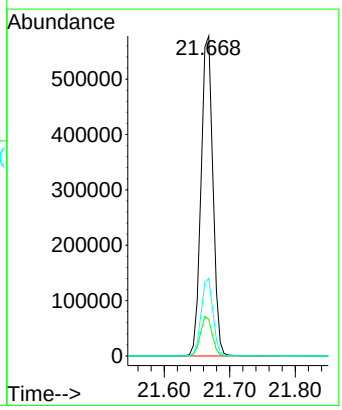




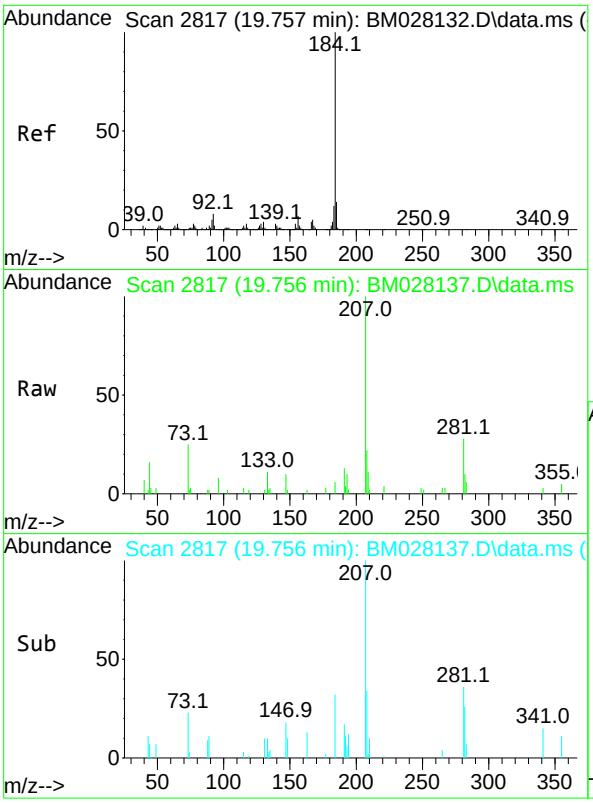
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.668 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:240 Resp: 729728

Ion	Ratio	Lower	Upper
240	100		
120	11.3	6.4	9.6#
236	24.2	20.1	30.1



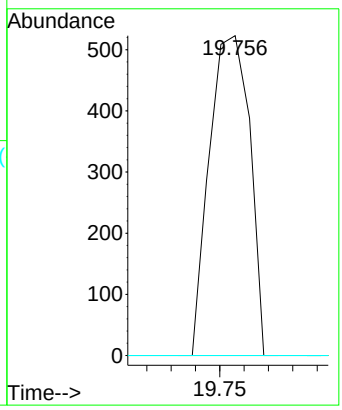
Instrument :
BNA_M
ClientSampleId :
PB133577BL

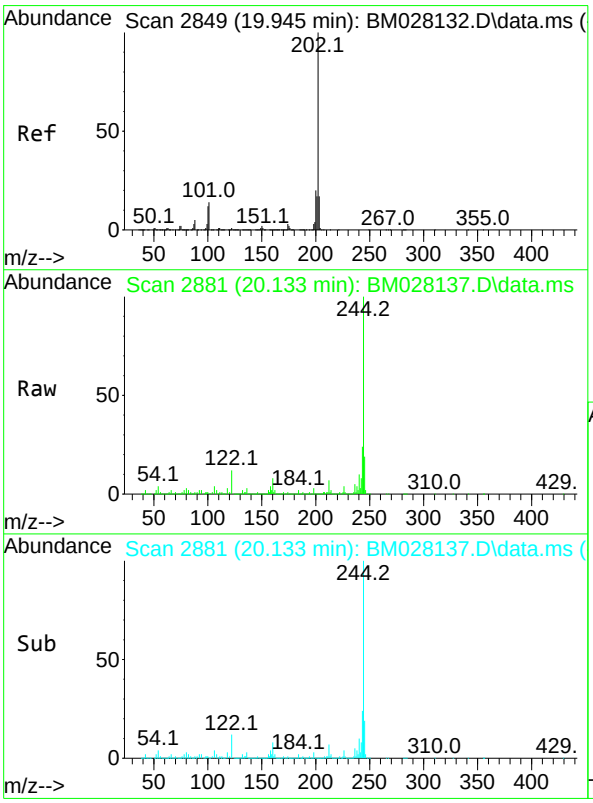


#77
Benzidine
Concen: 0.03 ng
RT: 19.756 min Scan# 2817
Delta R.T. -0.000 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:184 Resp: 602

Ion	Ratio	Lower	Upper
184	100		
185	0.0	11.0	16.6#
183	0.0	9.7	14.5#

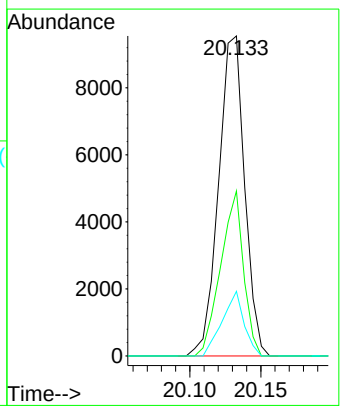




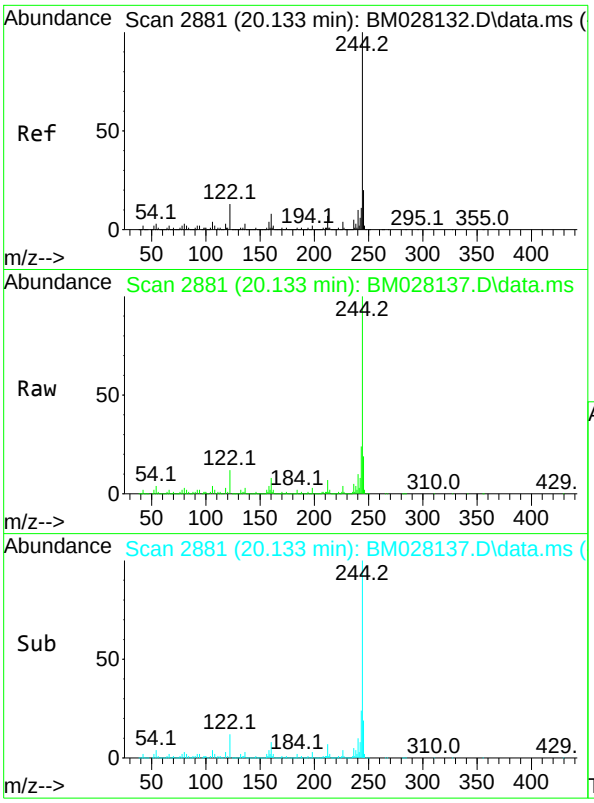
#78
Pyrene
Concen: 0.23 ng
RT: 20.133 min Scan# 2881
Delta R.T. 0.188 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:202 Resp: 12165

Ion	Ratio	Lower	Upper
202	100		
200	51.5	16.6	24.8#
203	20.2	13.8	20.6



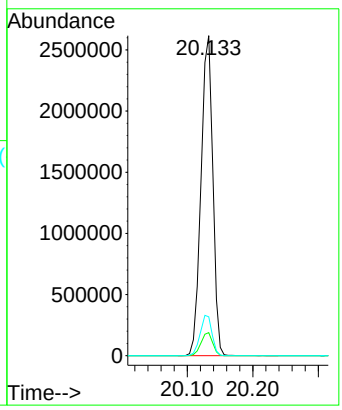
Instrument :
BNA_M
ClientSampleId :
PB133577BL

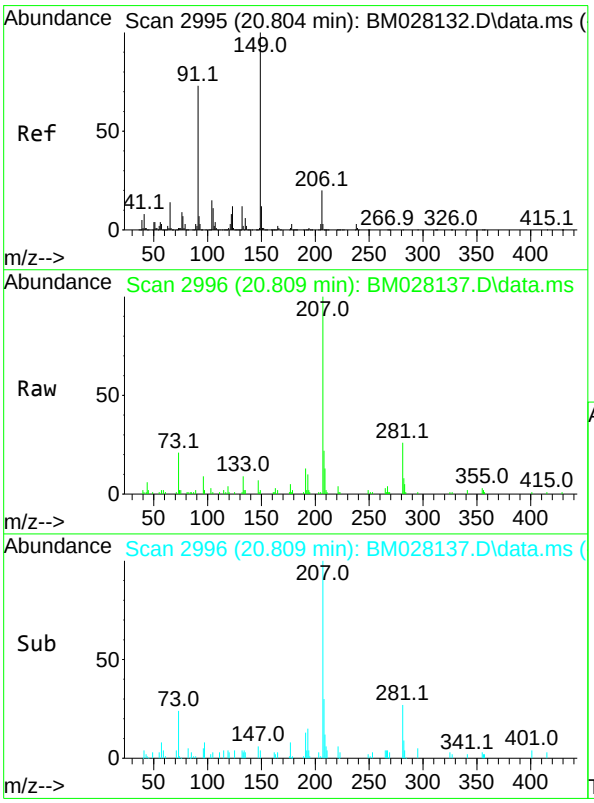


#79
Terphenyl-d14
Concen: 81.75 ng
RT: 20.133 min Scan# 2881
Delta R.T. -0.000 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:244 Resp: 3287627

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.1	6.5	9.7#

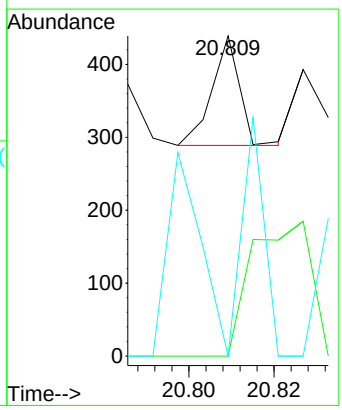




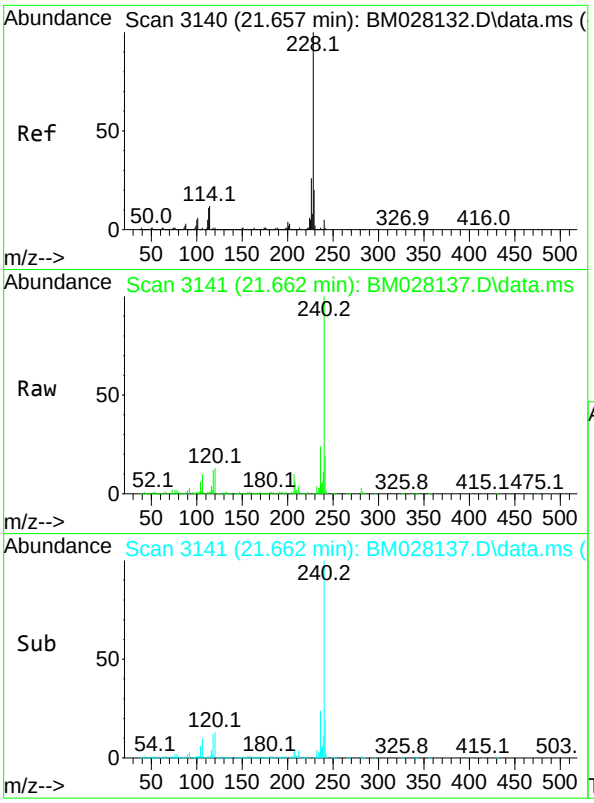
#80
Butylbenzylphthalate
Concen: 0.00 ng
RT: 20.809 min Scan# 2996
Delta R.T. 0.006 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:149 Resp: 67

Ion	Ratio	Lower	Upper
149	100		
91	0.0	58.1	87.1#
206	0.0	18.7	28.1#



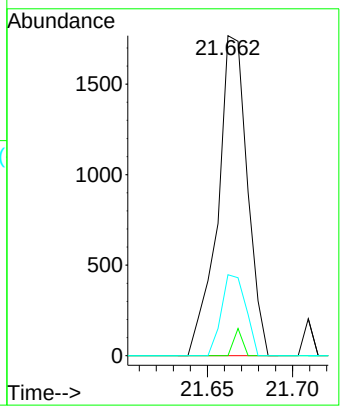
Instrument :
BNA_M
ClientSampleId :
PB133577BL

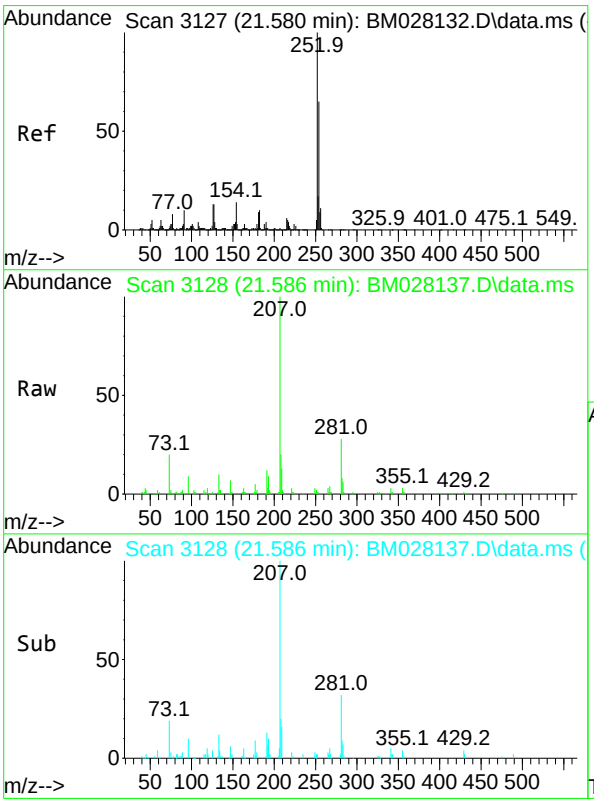


#81
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.662 min Scan# 3141
Delta R.T. 0.006 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:228 Resp: 2138

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.1	31.7#
229	25.3	15.7	23.5#

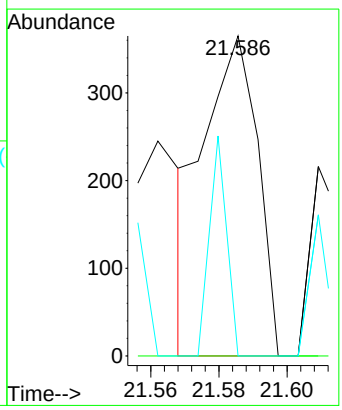




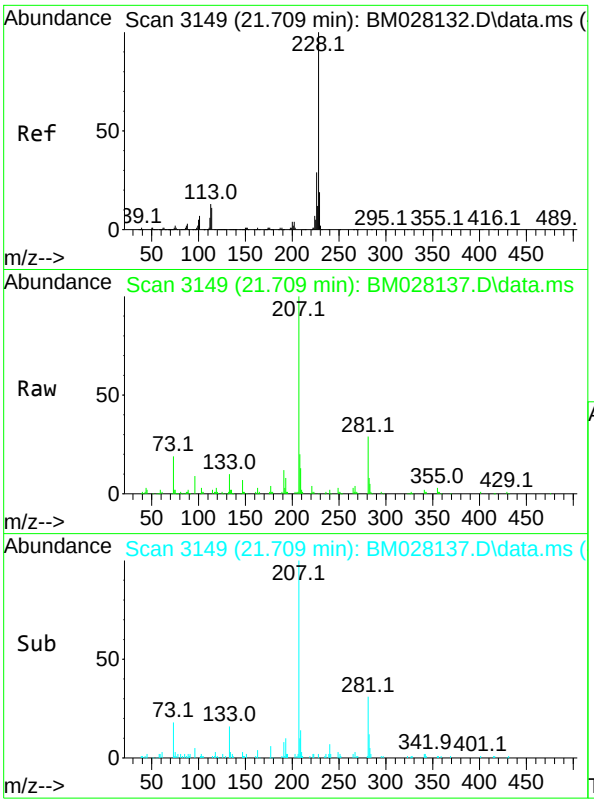
#82
3,3'-Dichlorobenzidine
Concen: 0.02 ng
RT: 21.586 min Scan# 3128
Delta R.T. 0.006 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:252 Resp: 399

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.4	77.0#
126	0.0	6.8	10.2#



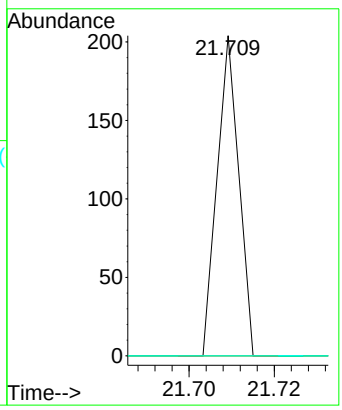
Instrument :
BNA_M
ClientSampleId :
PB133577BL

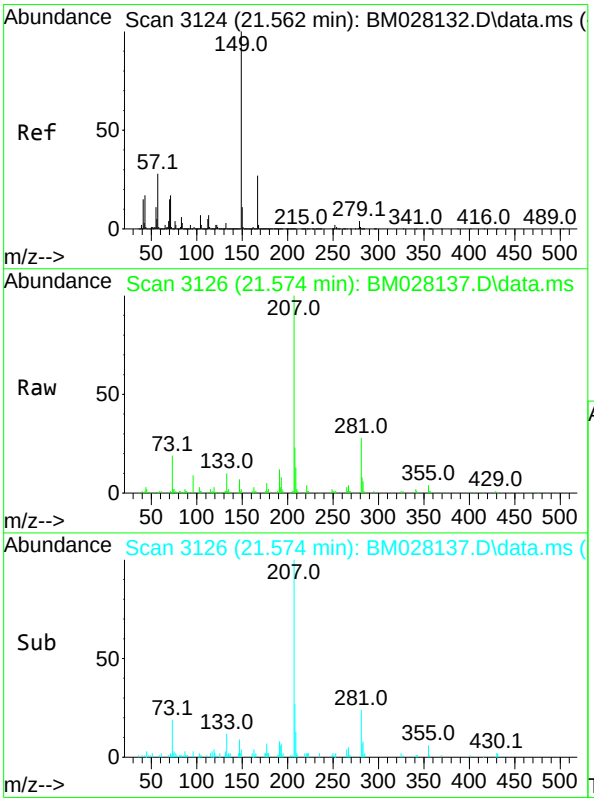


#83
Chrysene
Concen: 0.00 ng
RT: 21.709 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:228 Resp: 72

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.4	35.0#
229	0.0	15.7	23.5#

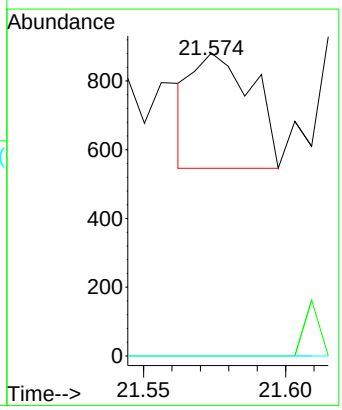




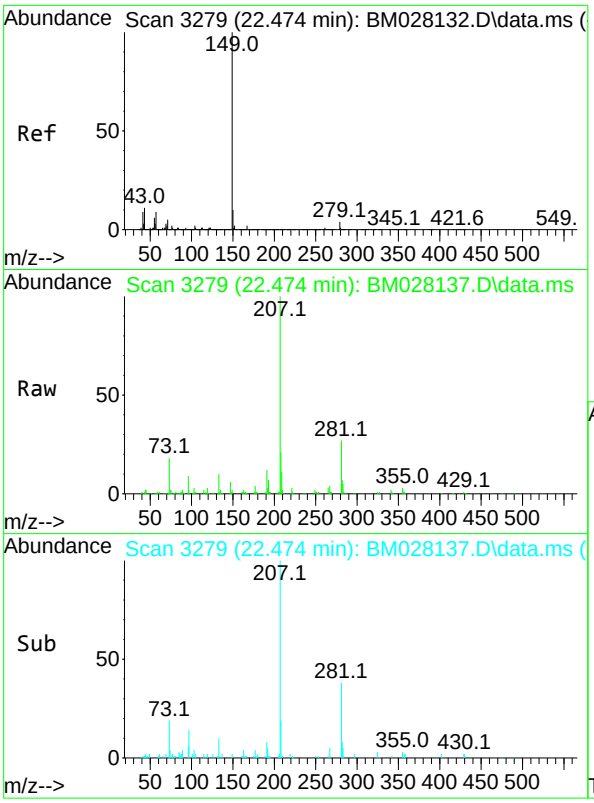
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.01 ng
RT: 21.574 min Scan# 3126
Delta R.T. 0.011 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:149 Resp: 493

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.7	34.1#
279	0.0	4.0	6.0#



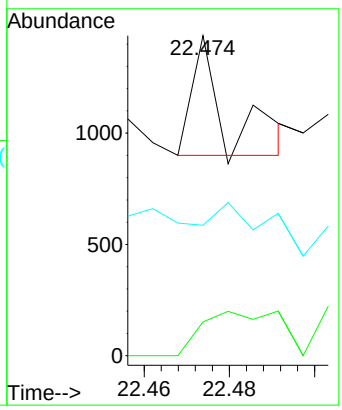
Instrument :
BNA_M
ClientSampleId :
PB133577BL

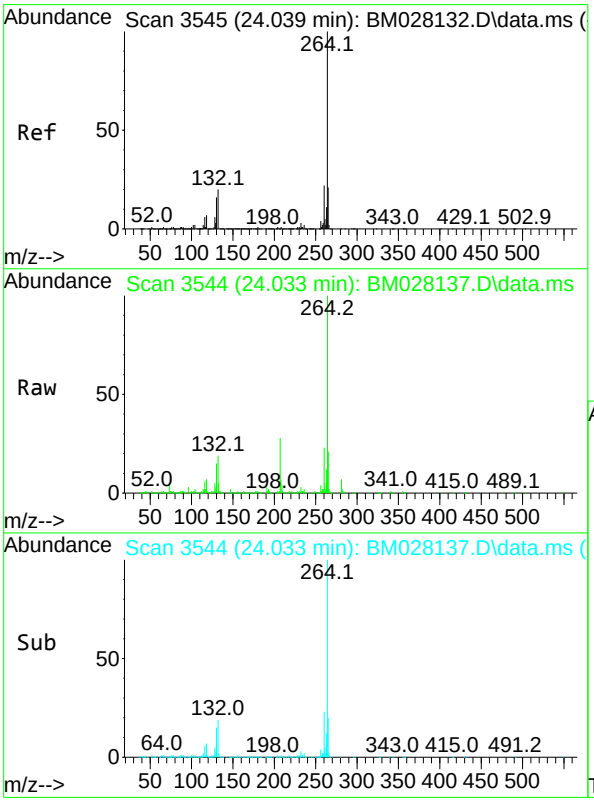


#85
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 22.474 min Scan# 3279
Delta R.T. -0.000 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:149 Resp: 307

Ion	Ratio	Lower	Upper
149	100		
167	82.1	1.3	1.9#
43	0.0	5.8	8.6#

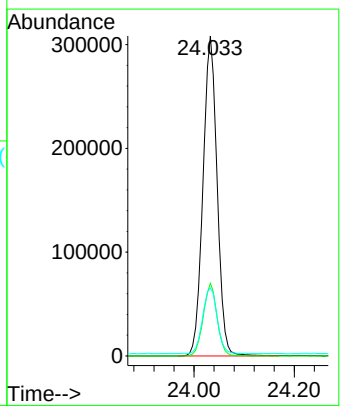




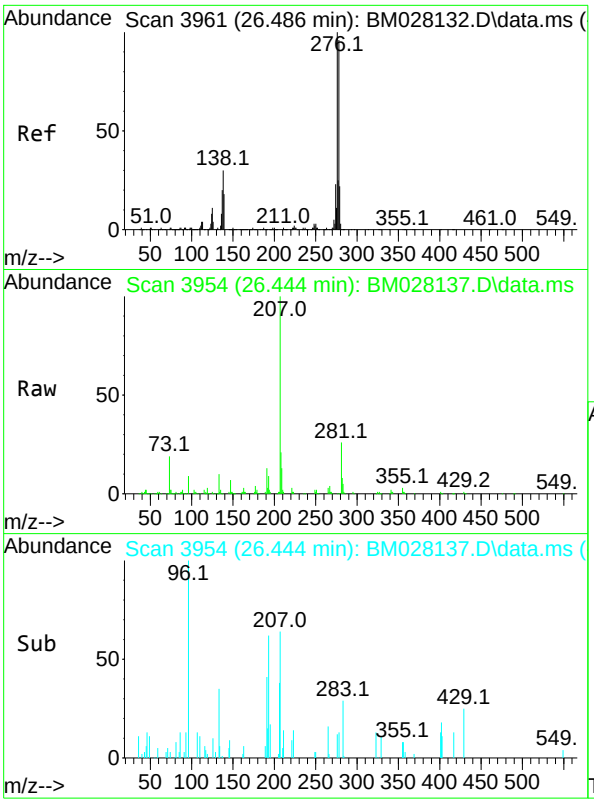
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.033 min Scan# 3544
Delta R.T. -0.006 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:264 Resp: 603749

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	21.2	17.7	26.5



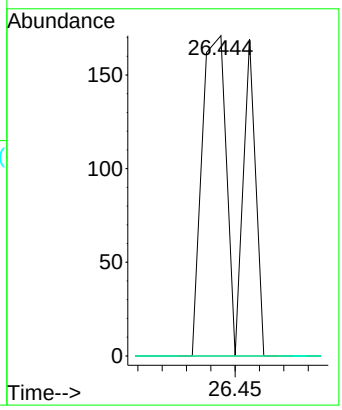
Instrument :
BNA_M
ClientSampleId :
PB133577BL

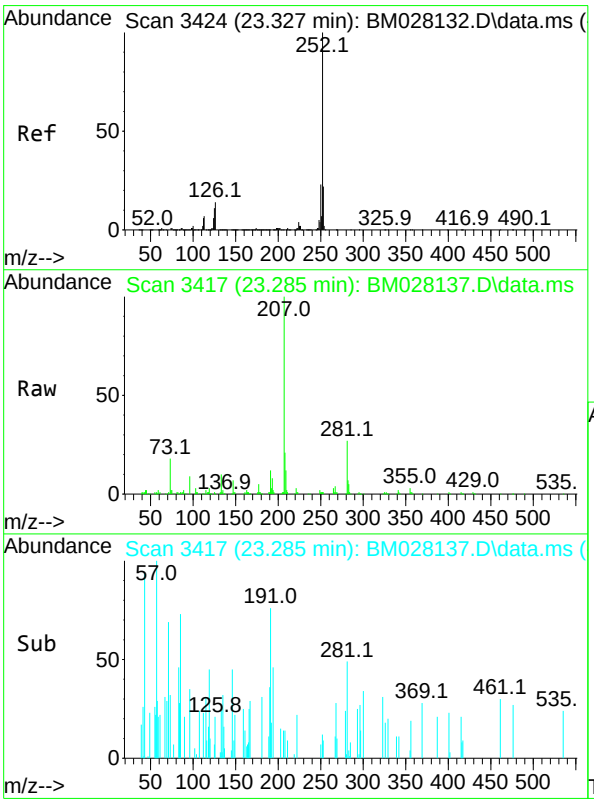


#87
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 26.444 min Scan# 3954
Delta R.T. -0.042 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:276 Resp: 177

Ion	Ratio	Lower	Upper
276	100		
138	0.0	14.2	21.4#
277	0.0	19.8	29.8#

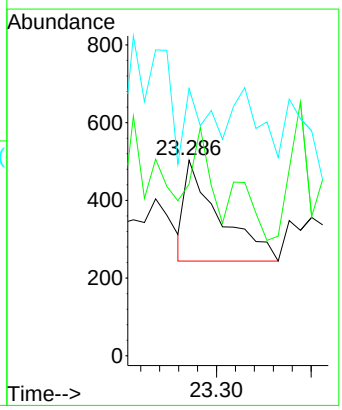




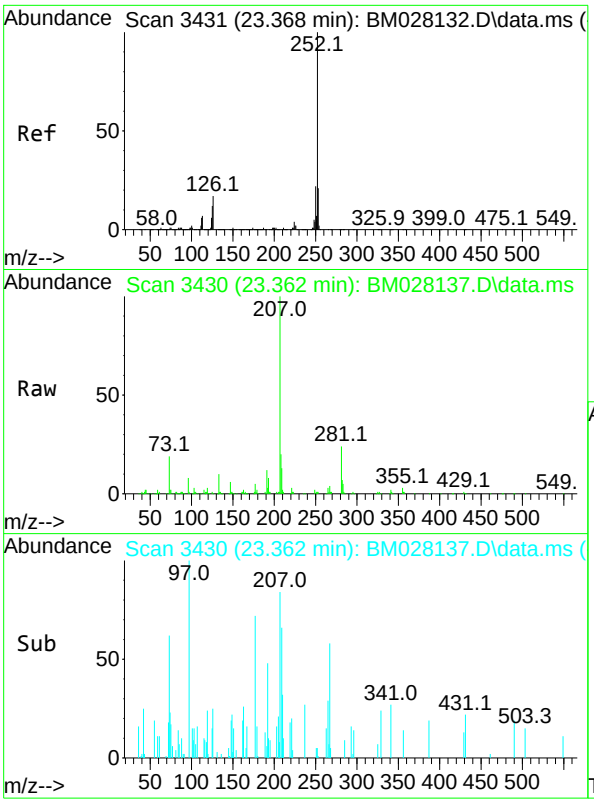
#88
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 23.285 min Scan# 3417
Delta R.T. -0.042 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:252 Resp: 331

Ion	Ratio	Lower	Upper
252	100		
253	87.9	17.4	26.0#
125	136.8	5.7	8.5#



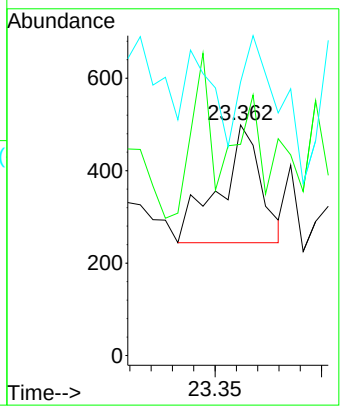
Instrument :
BNA_M
ClientSampleId :
PB133577BL

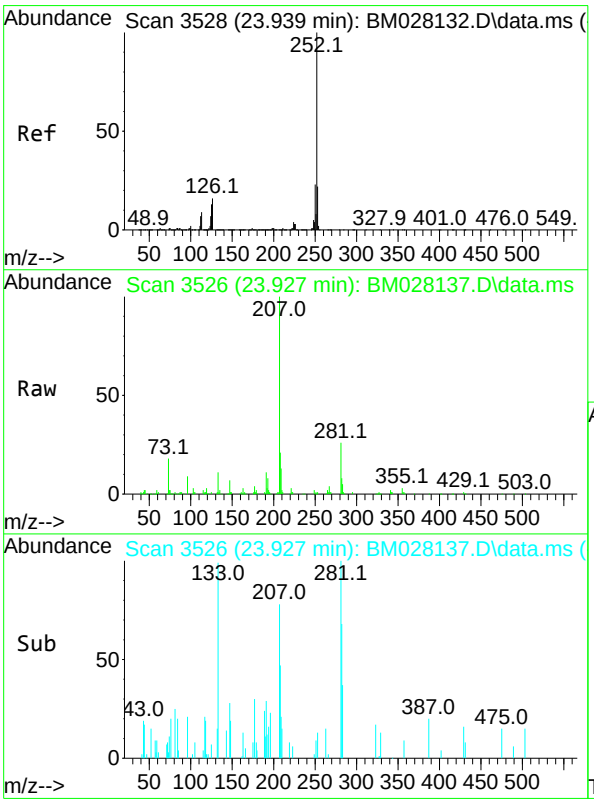


#89
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 23.362 min Scan# 3430
Delta R.T. -0.006 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:252 Resp: 347

Ion	Ratio	Lower	Upper
252	100		
253	91.6	17.4	26.0#
125	171.5	5.6	8.4#

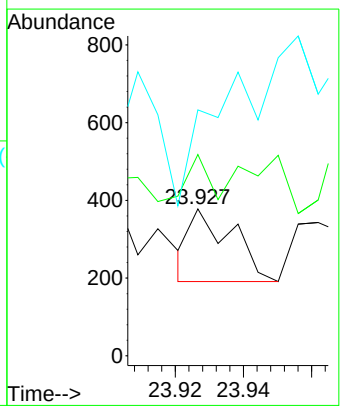


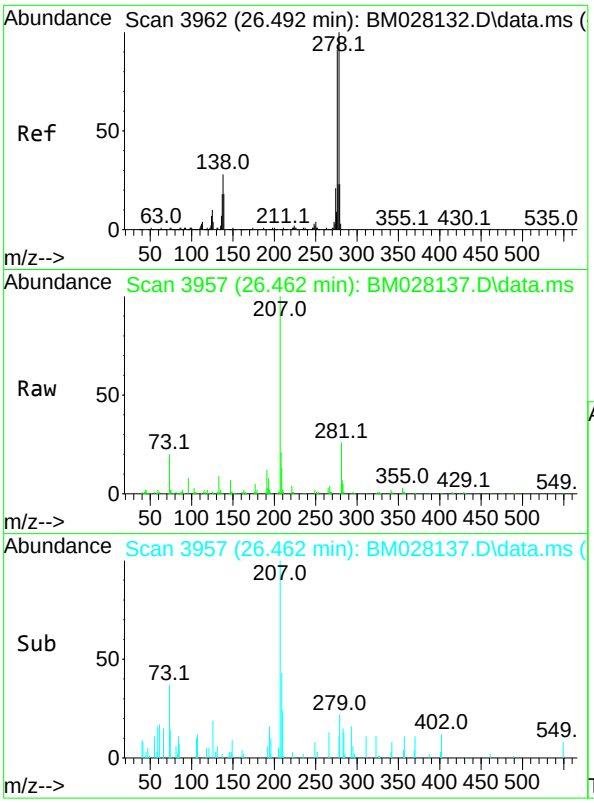


#90
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.927 min Scan# 3526
Delta R.T. -0.012 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:252 Resp: 161

Ion	Ratio	Lower	Upper
252	100		
253	137.0	17.4	26.2#
125	167.5	6.6	9.8#

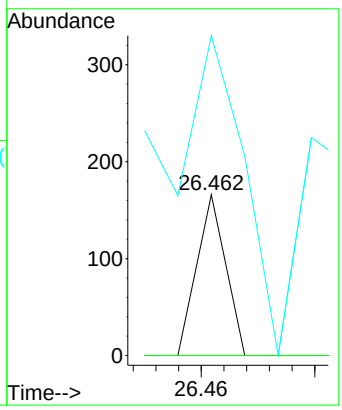




#91
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 26.462 min Scan# 3957
Delta R.T. -0.030 min
Lab File: BM028137.D
Acq: 15 Dec 2020 21:46

Tgt Ion:278 Resp: 59

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.0	13.6#
279	198.8	19.0	28.4#



Instrument :
BNA_M
ClientSampleId :
PB133577BL