Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003388.D
Acq On : 25 Sep 2020 18:59
Operator : CG/JU
Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-2(9-11)

Quant Time: Sep 26 01:24:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 12:48:08 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.569	152	157278	20.00	ng		0.00
21) Naphthalene-d8	10.346	136	658657	20.00	ng		# 0.00
39) Acenaphthene-d10	14.222	164	383651	20.00	ng		0.00
64) Phenanthrene-d10	16.981	188	746773	20.00	ng		# 0.00
76) Chrysene-d12	21.080	240	621087	20.00	ng		0.01
86) Perylene-d12	23.280	264	651821	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.187	112	432497	48.02	ng		0.00
7) Phenol-d6	6.775	99	571049	47.56	ng		0.00
23) Nitrobenzene-d5	8.716	82	355196	31.68	ng		0.00
42) 2,4,6-Tribromophenol	15.728	330	205973	35.20	ng		0.00
45) 2-Fluorobiphenyl	12.840	172	870792	33.20	ng		0.00
79) Terphenyl-d14	19.557	244	1005366	33.73	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.693	122	91	9.17	ng	#	27
41) Hexachlorocyclopentadiene	12.451	237	27	6.85	ng		74
50) Dimethylphthalate	13.681	163	139335	4.55	ng	#	95
54) 2,4-Dinitrophenol	14.346	184	286	7.34	ng	#	1
70) Pentachlorophenol	16.651	266	295	6.83	ng	#	29
71) Phenanthrene	17.022	178	370820	9.13	ng		100
72) Anthracene	17.110	178	107133	2.68	ng		98
75) Fluoranthene	19.004	202	554268	10.85	ng		99
78) Pyrene	19.357	202	497331	12.84	ng		100
81) Benzo(a)anthracene	21.063	228	260237	6.48	ng		97
83) Chrysene	21.116	228	228119	5.91	ng		97
87) Indeno(1,2,3-cd)pyrene	25.521	276	152417	3.09	ng		95
88) Benzo(b)fluoranthene	22.622	252	303952	7.38	ng	#	87
89) Benzo(k)fluoranthene	22.622	252	303952	7.70	ng	#	88
90) Benzo(a)pyrene	23.186	252	226028	5.82	ng	#	91
92) Benzo(g,h,i)perylene	26.204	276	150070	3.69	ng	#	94

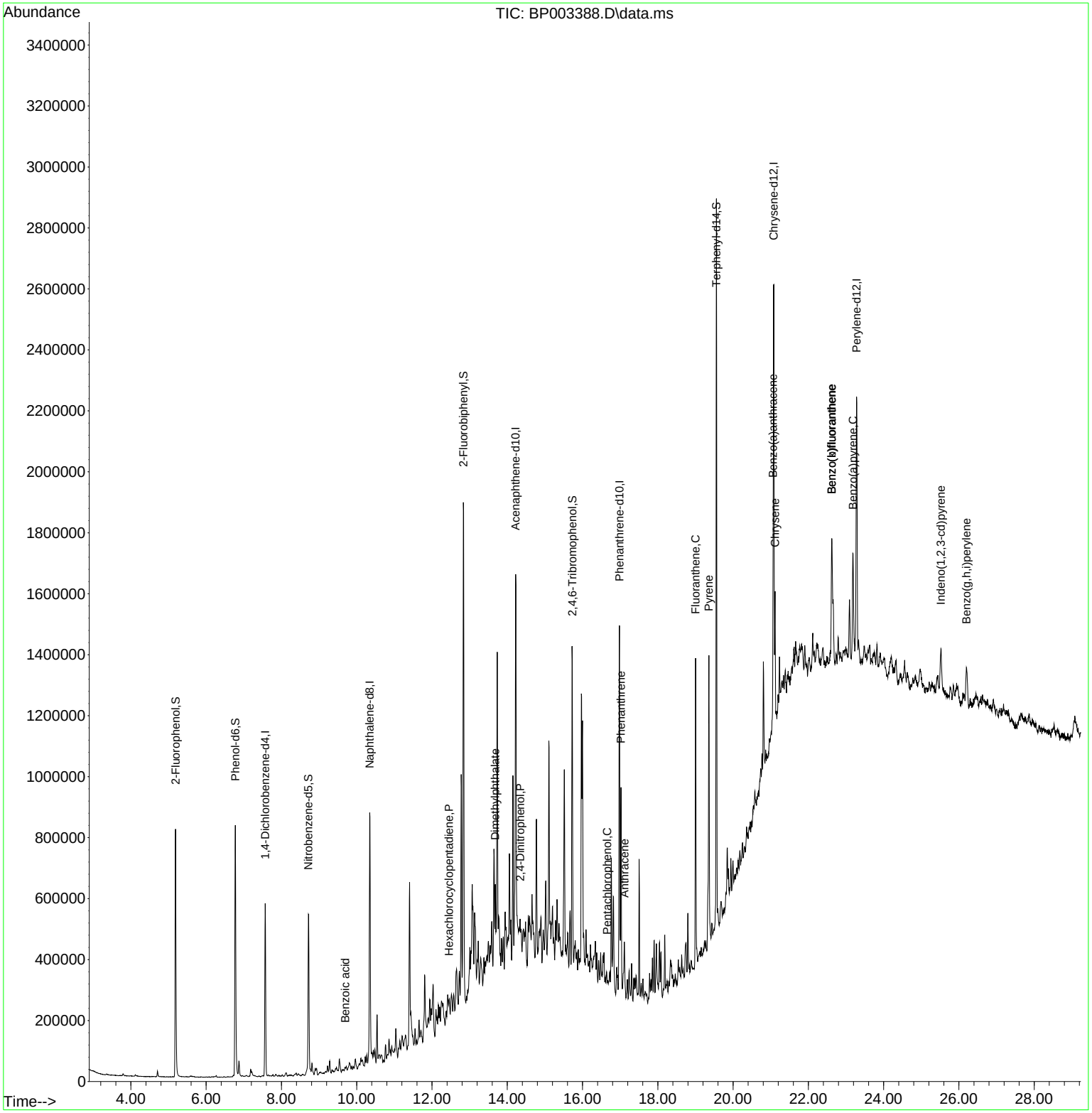
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

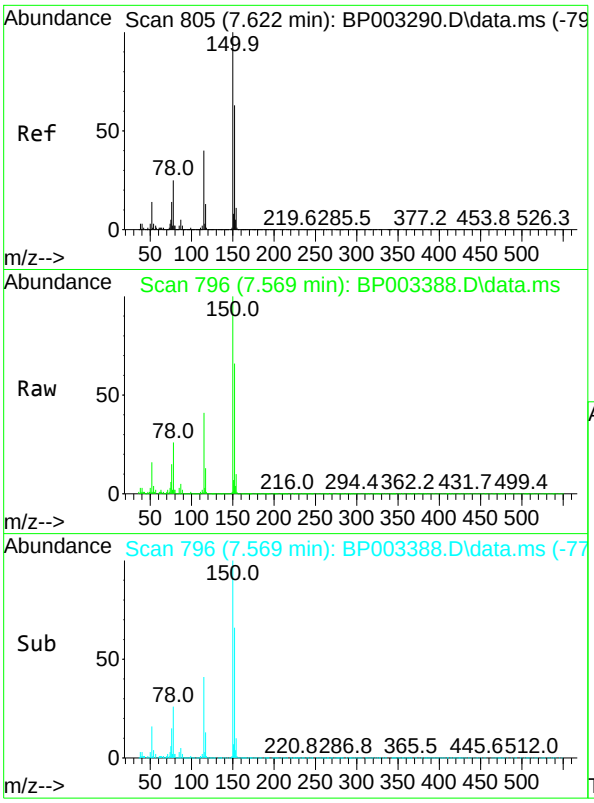
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003388.D
Acq On : 25 Sep 2020 18:59
Operator : CG/JU
Sample : L4127-06 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

Quant Time: Sep 26 01:24:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 12:48:08 2020
Response via : Initial Calibration



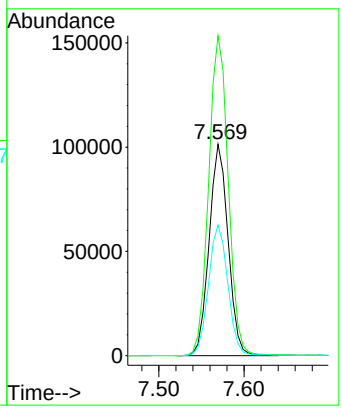
Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

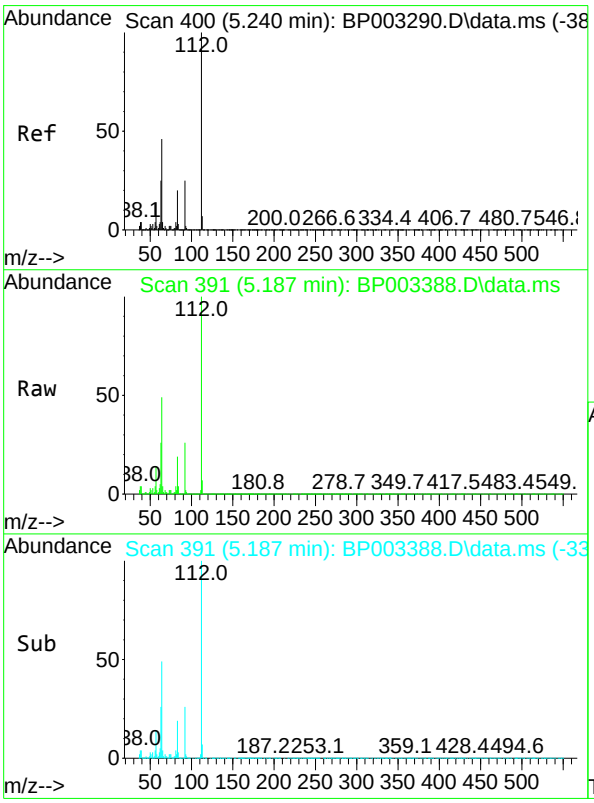


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.569 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:152 Resp: 157278

Ion	Ratio	Lower	Upper
152	100		
150	151.4	123.8	185.6
115	61.8	43.8	65.6

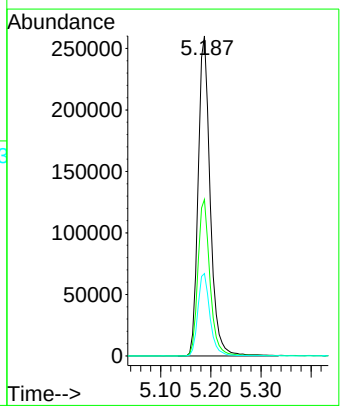




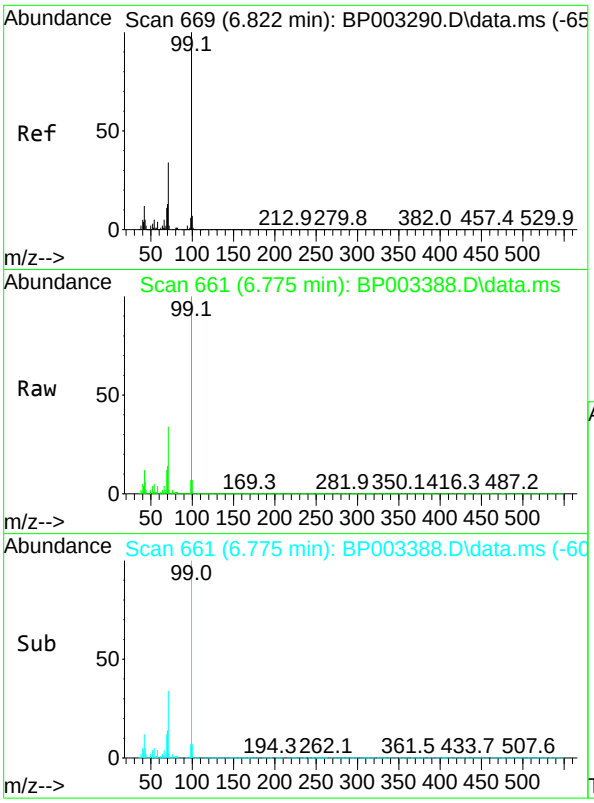
#5
2-Fluorophenol
Concen: 48.02 ng
RT: 5.187 min Scan# 391
Delta R.T. 0.006 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:112 Resp: 432497

Ion	Ratio	Lower	Upper
112	100		
64	48.9	32.8	49.2
63	25.7	17.0	25.4#



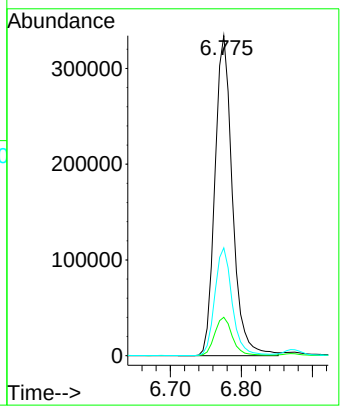
Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

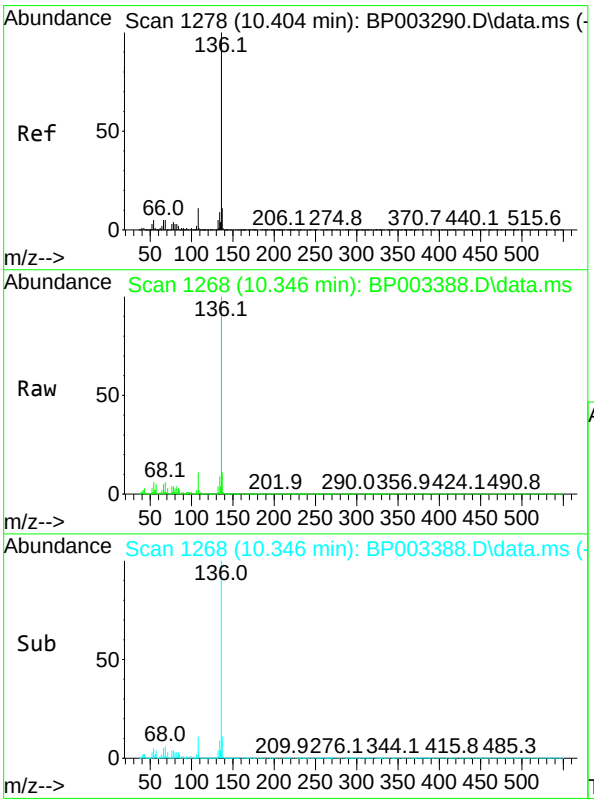


#7
Phenol-d6
Concen: 47.56 ng
RT: 6.775 min Scan# 661
Delta R.T. 0.006 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion: 99 Resp: 571049

Ion	Ratio	Lower	Upper
99	100		
42	12.0	8.6	13.0
71	33.7	23.4	35.2

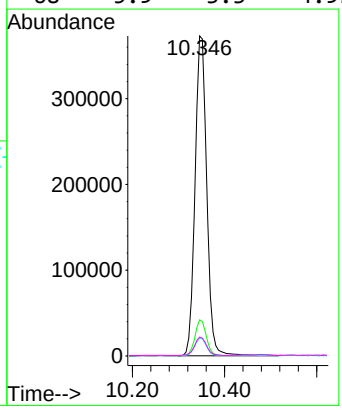




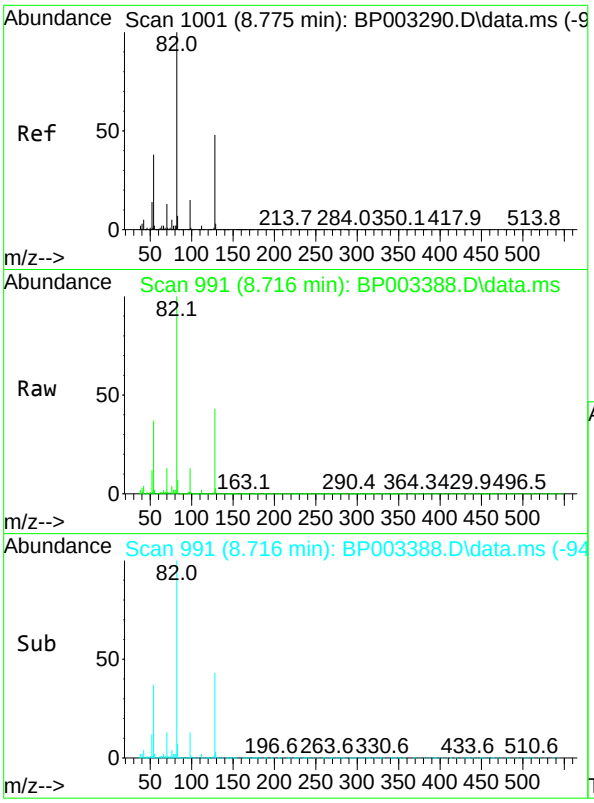
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.346 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:136 Resp: 658657

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	5.6	3.6	5.4#
68	5.9	3.3	4.9#



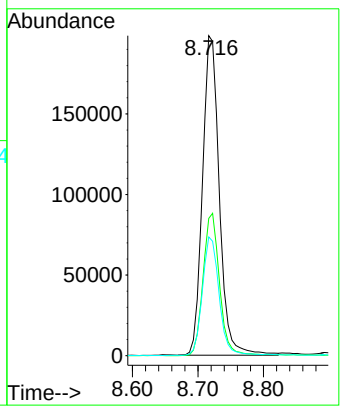
Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

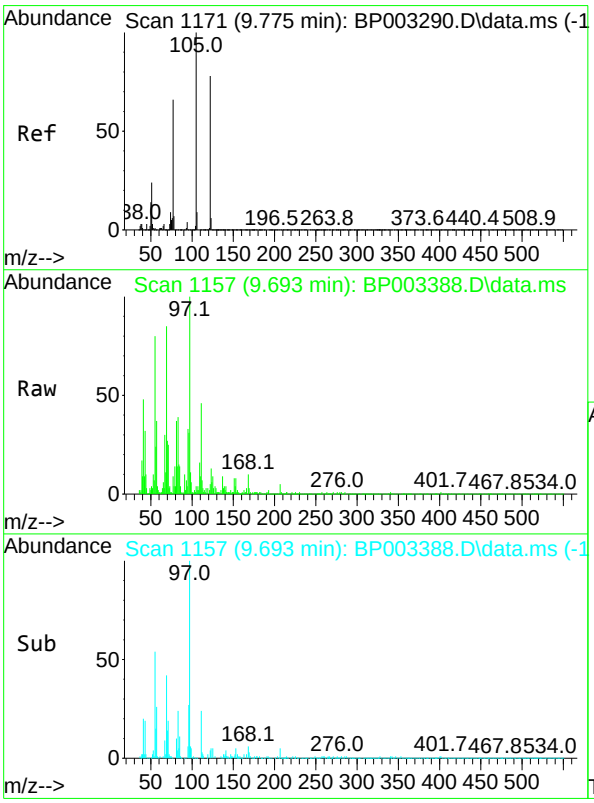


#23
Nitrobenzene-d5
Concen: 31.68 ng
RT: 8.716 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion: 82 Resp: 355196

Ion	Ratio	Lower	Upper
82	100		
128	42.9	45.6	68.4#
54	37.1	30.1	45.1

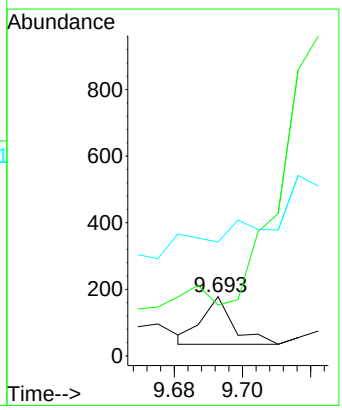




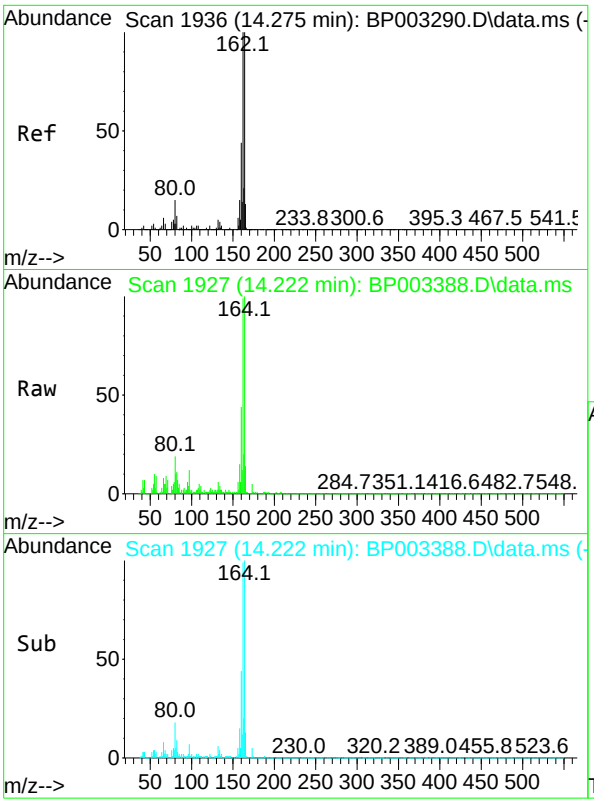
#32
Benzoic acid
Concen: 9.17 ng
RT: 9.693 min Scan# 1157
Delta R.T. -0.029 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:122 Resp: 91

Ion	Ratio	Lower	Upper
122	100		
105	86.0	94.1	134.1#
77	192.1	50.1	90.1#



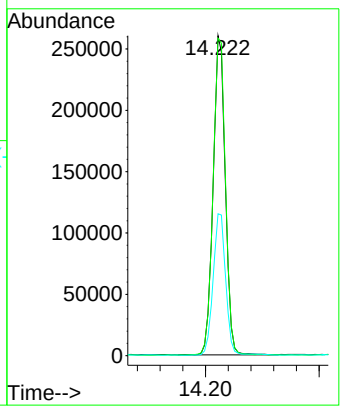
Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

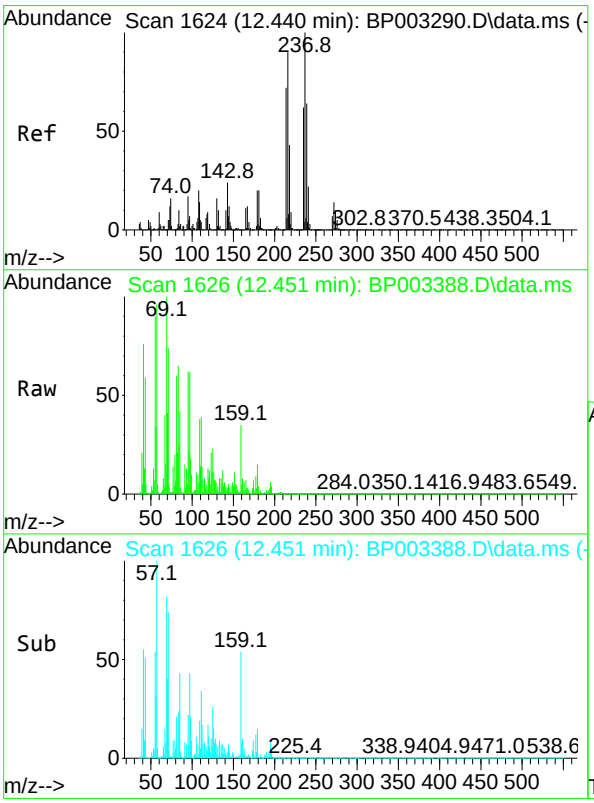


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.222 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:164 Resp: 383651

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.4	119.2
160	44.4	36.1	54.1

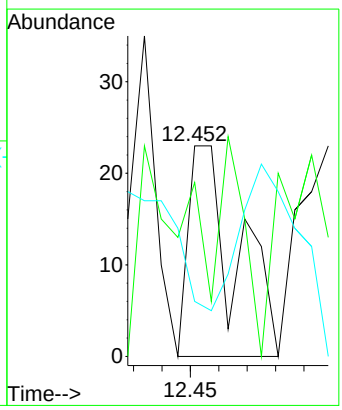




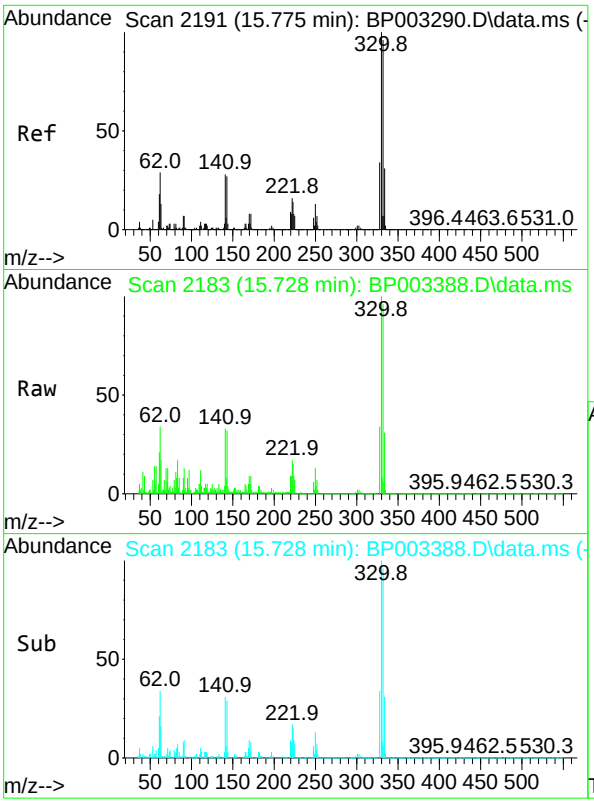
#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.451 min Scan# 1626
Delta R.T. 0.071 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:237 Resp: 27

Ion	Ratio	Lower	Upper
237	100		
235	82.6	43.2	83.2
272	26.1	0.0	33.3



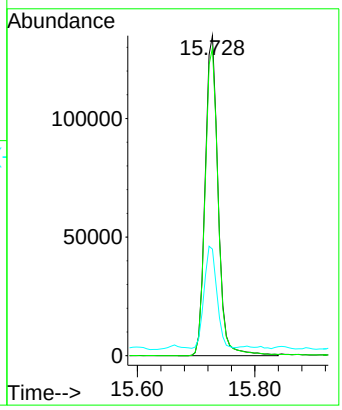
Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

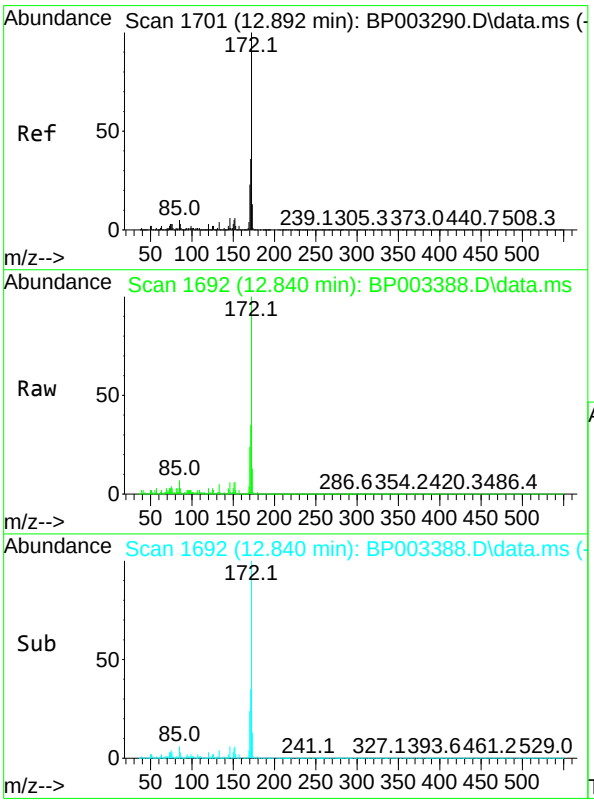


#42
2,4,6-Tribromophenol
Concen: 35.20 ng
RT: 15.728 min Scan# 2183
Delta R.T. 0.006 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:330 Resp: 205973

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	31.3	23.4	35.2

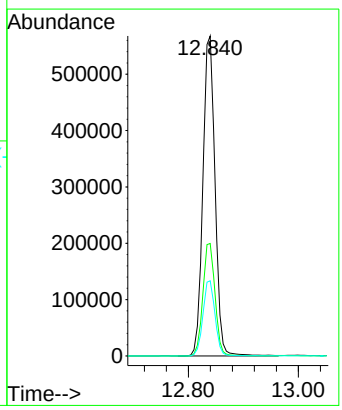




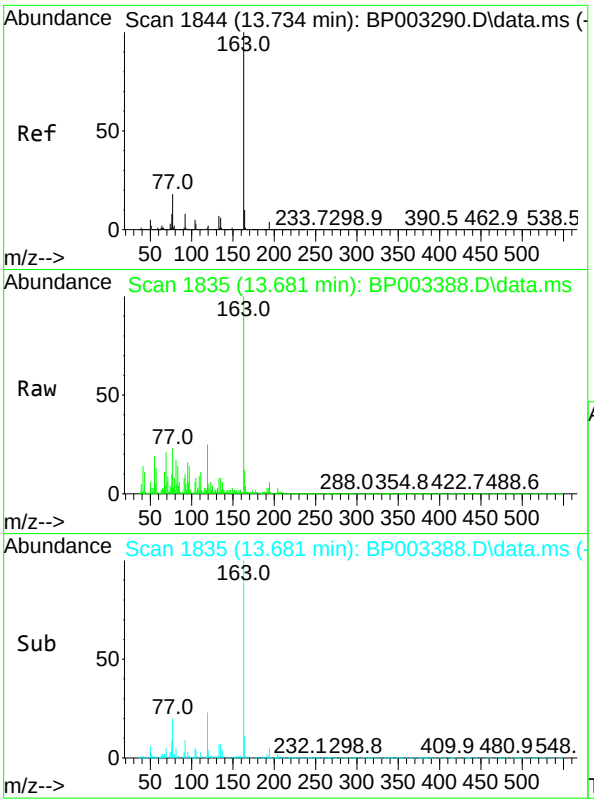
#45
2-Fluorobiphenyl
Concen: 33.20 ng
RT: 12.840 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:172 Resp: 870792

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.5	19.2	28.8



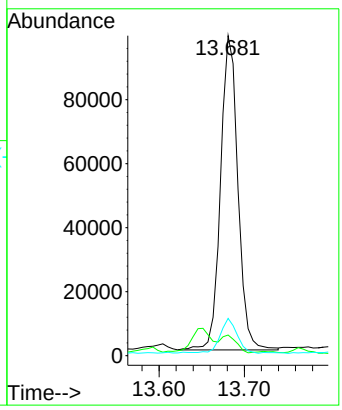
Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

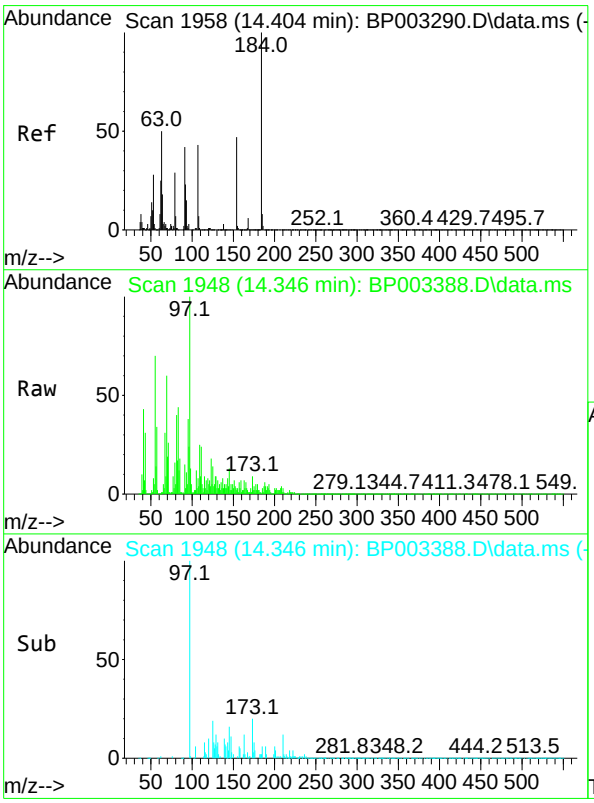


#50
Dimethylphthalate
Concen: 4.55 ng
RT: 13.681 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:163 Resp: 139335

Ion	Ratio	Lower	Upper
163	100		
194	6.5	3.3	4.9#
164	11.7	8.2	12.2

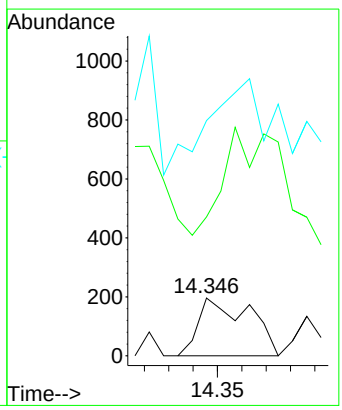




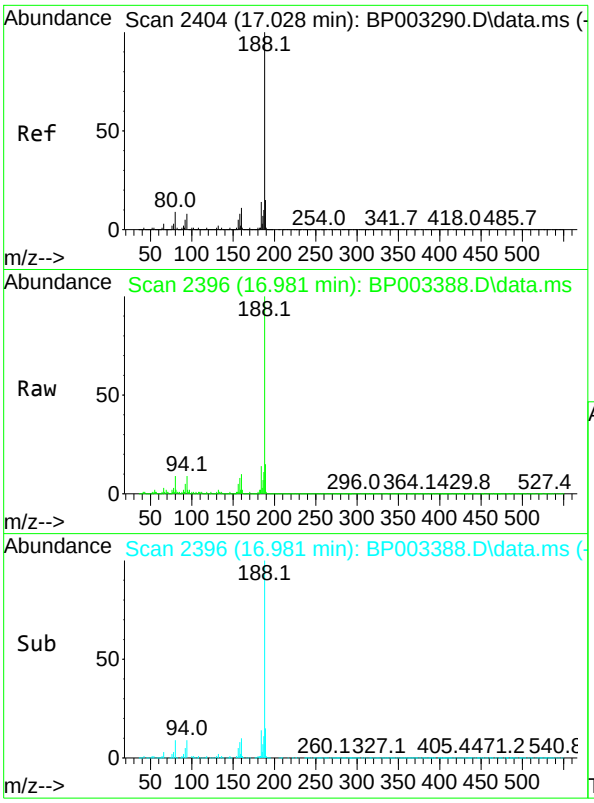
#54
2,4-Dinitrophenol
Concen: 7.34 ng
RT: 14.346 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:184 Resp: 286

Ion	Ratio	Lower	Upper
184	100		
63	240.3	32.3	48.5#
154	407.1	49.1	73.7#



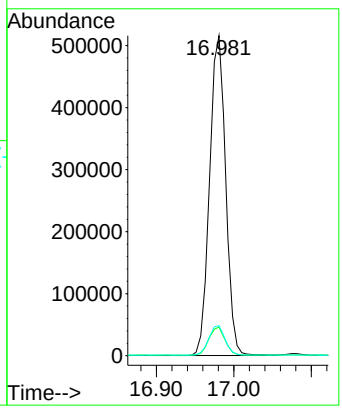
Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

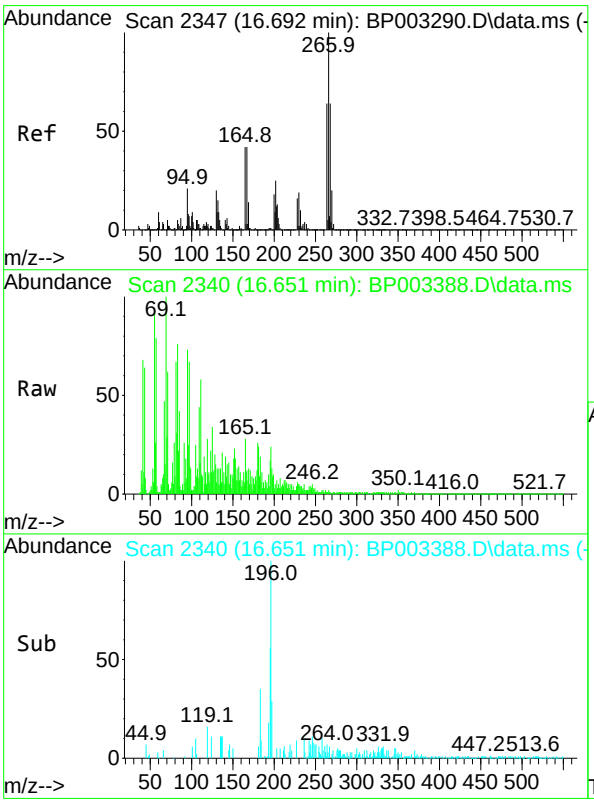


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.981 min Scan# 2396
Delta R.T. 0.006 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:188 Resp: 746773

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.2	9.2
80	9.4	6.2	9.2#

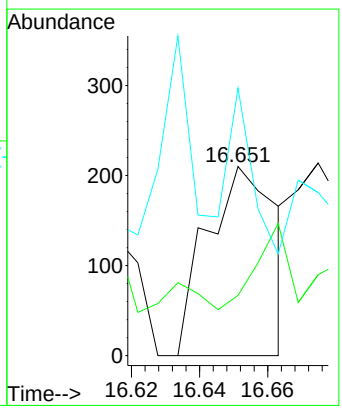




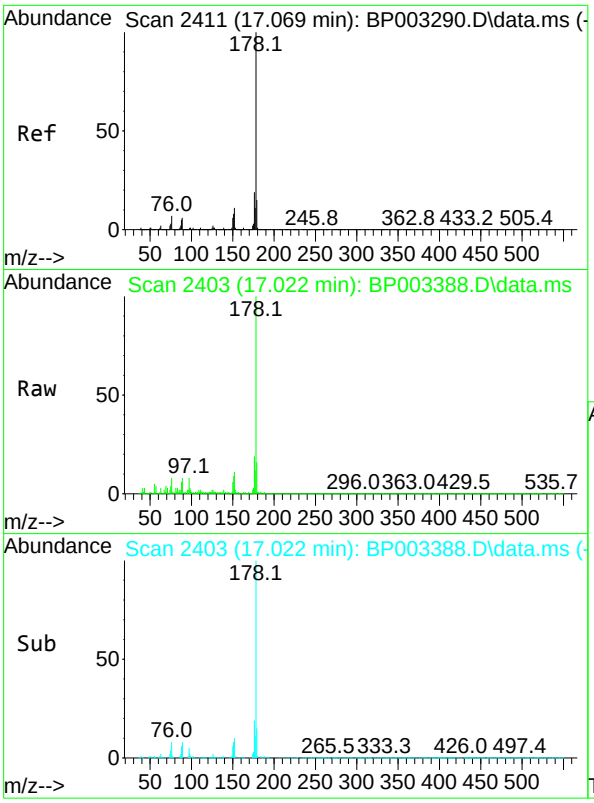
#70
Pentachlorophenol
Concen: 6.83 ng
RT: 16.651 min Scan# 2340
Delta R.T. 0.012 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:266 Resp: 295

Ion	Ratio	Lower	Upper
266	100		
268	31.9	51.1	76.7#
264	141.4	50.6	76.0#



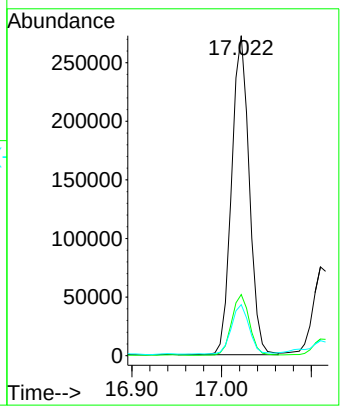
Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

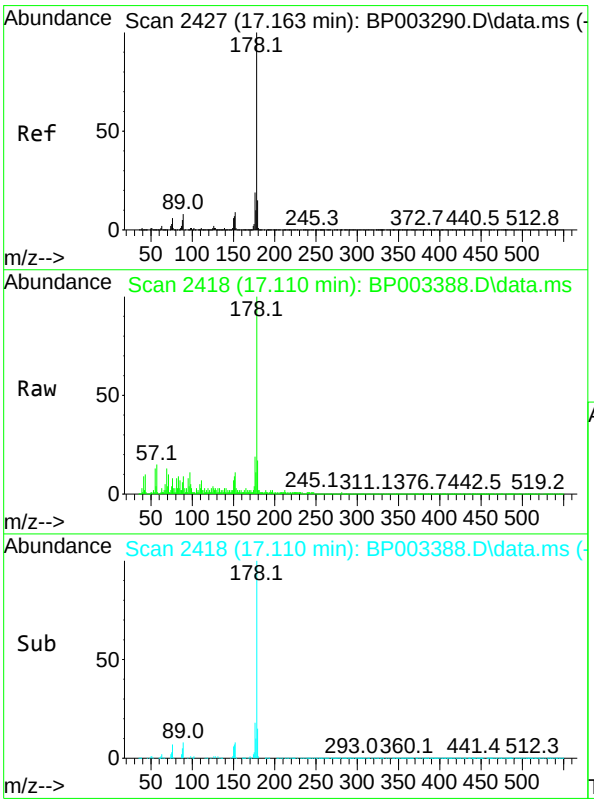


#71
Phenanthrene
Concen: 9.13 ng
RT: 17.022 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:178 Resp: 370820

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.9	12.5	18.7

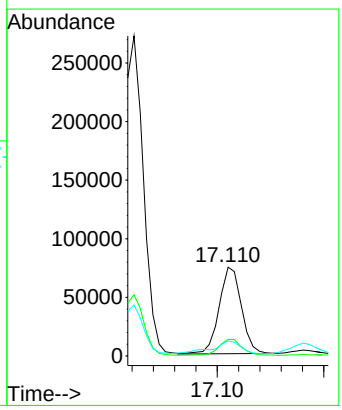




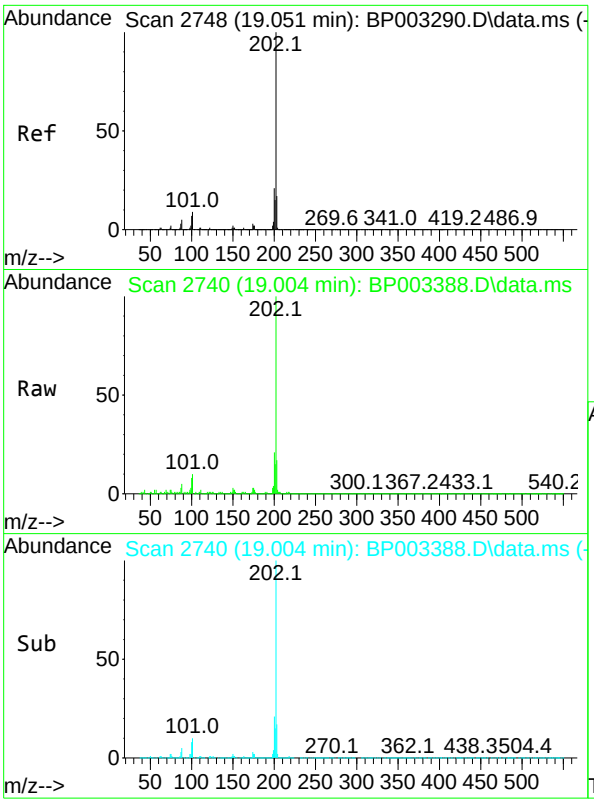
#72
Anthracene
Concen: 2.68 ng
RT: 17.110 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:178 Resp: 107133

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	16.9	12.5	18.7



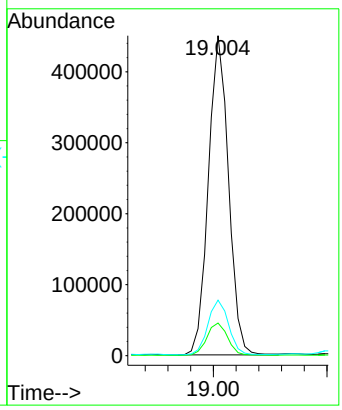
Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

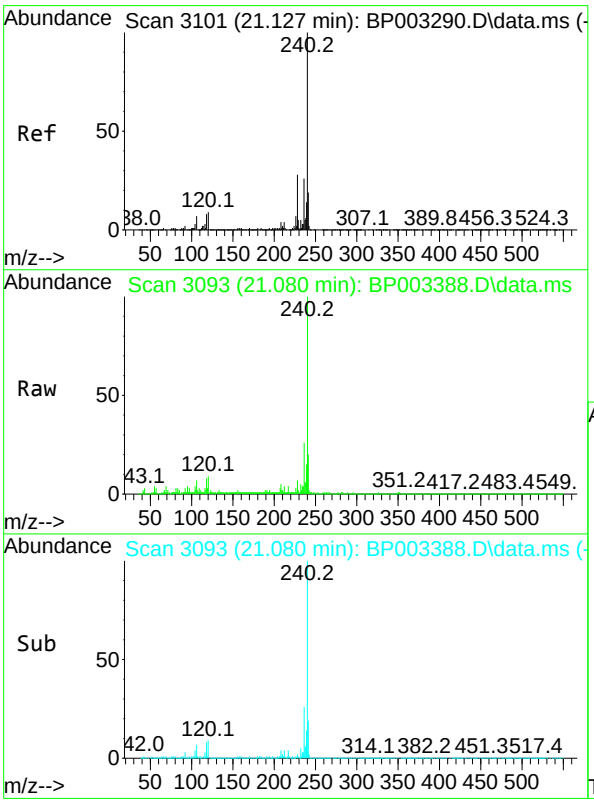


#75
Fluoranthene
Concen: 10.85 ng
RT: 19.004 min Scan# 2740
Delta R.T. 0.006 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:202 Resp: 554268

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.4
203	17.4	0.0	37.8

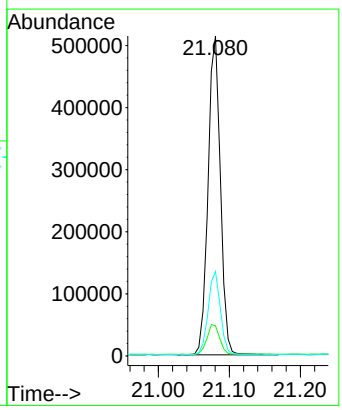




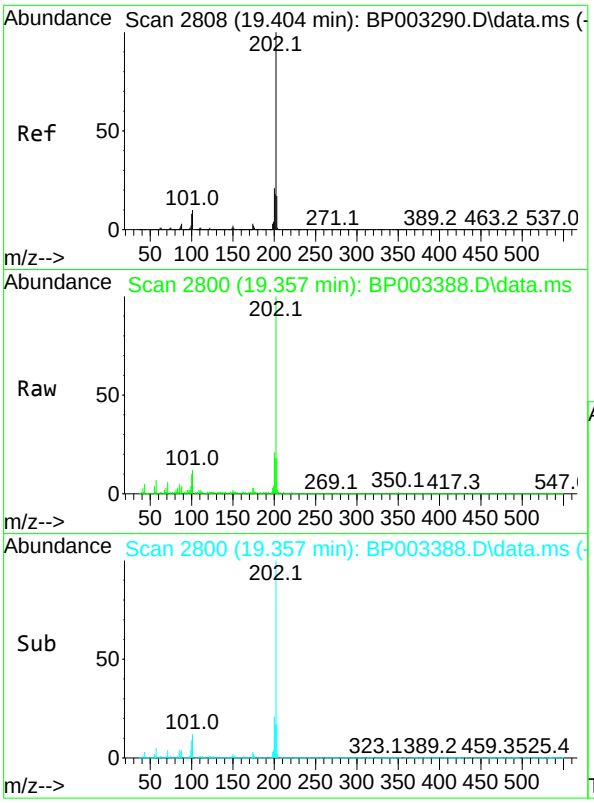
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.080 min Scan# 3093
Delta R.T. 0.012 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:240 Resp: 621087

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.8	11.6
236	26.4	20.8	31.2



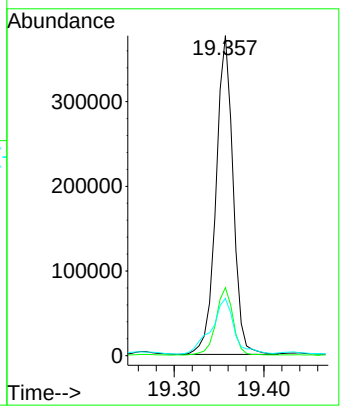
Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

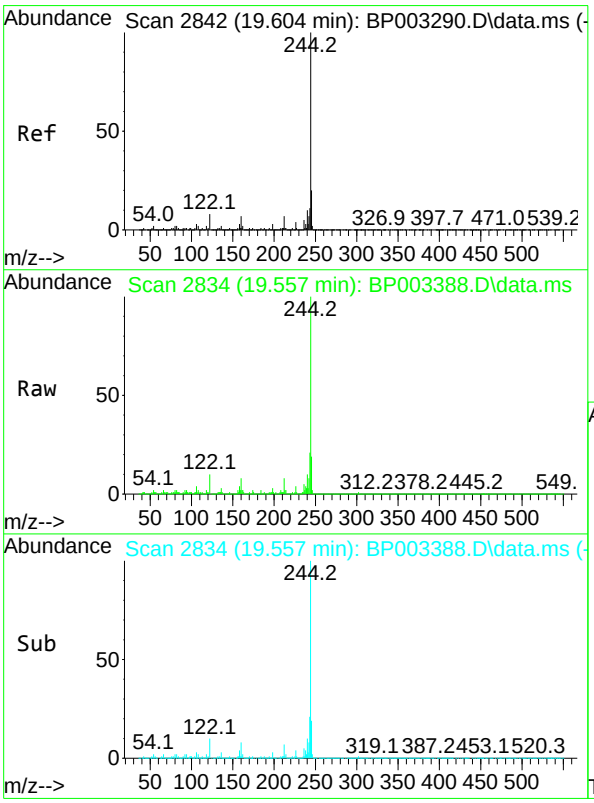


#78
Pyrene
Concen: 12.84 ng
RT: 19.357 min Scan# 2800
Delta R.T. 0.006 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:202 Resp: 497331

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	17.9	14.2	21.2

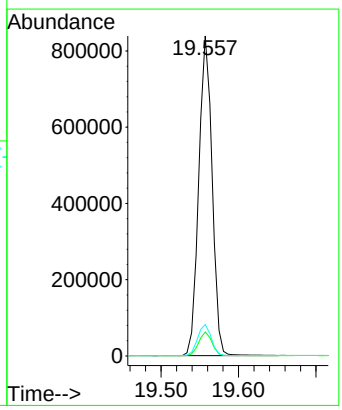




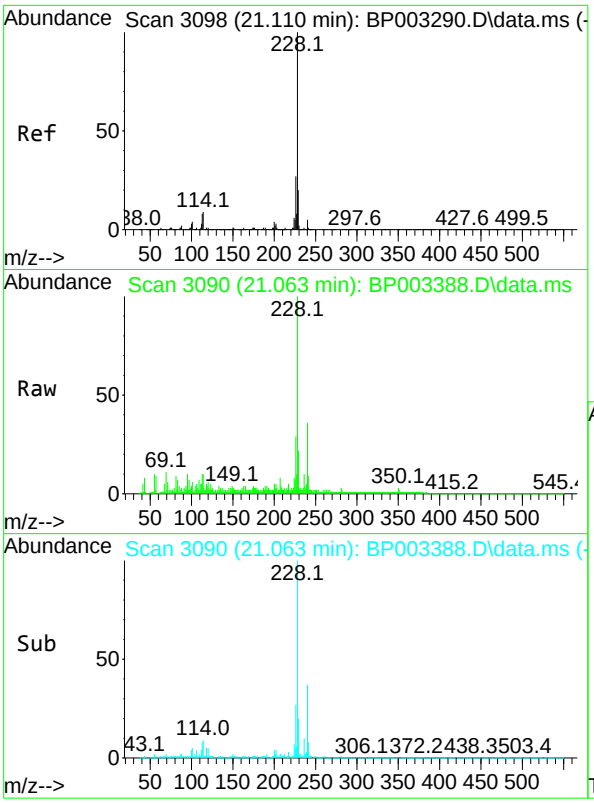
#79
Terphenyl-d14
Concen: 33.73 ng
RT: 19.557 min Scan# 2834
Delta R.T. 0.006 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:244 Resp: 1005366

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	9.8	7.8	11.8



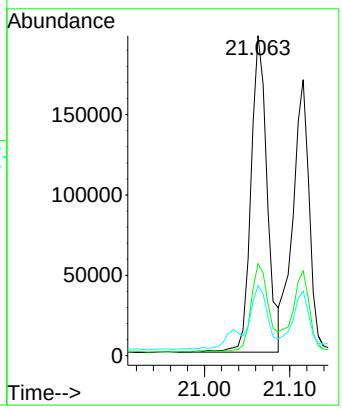
Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

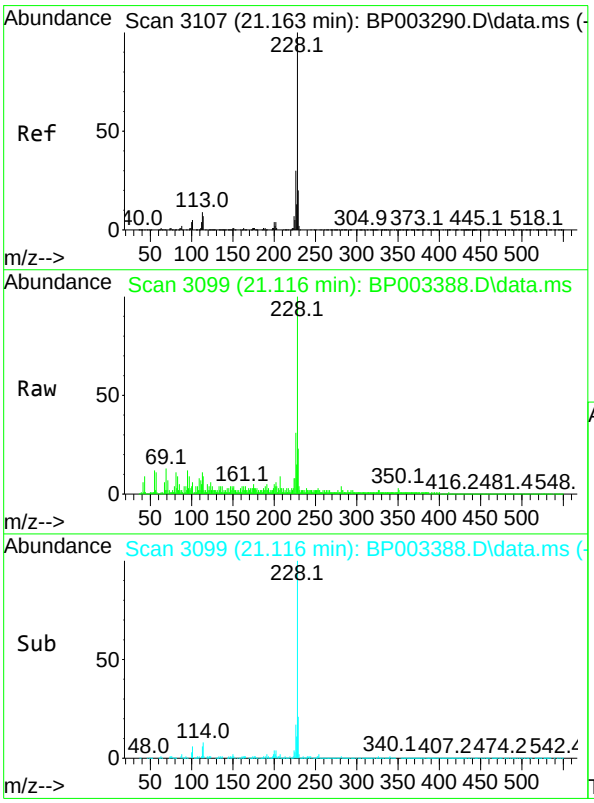


#81
Benzo(a)anthracene
Concen: 6.48 ng
RT: 21.063 min Scan# 3090
Delta R.T. 0.006 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:228 Resp: 260237

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.1	33.1
229	21.9	15.9	23.9

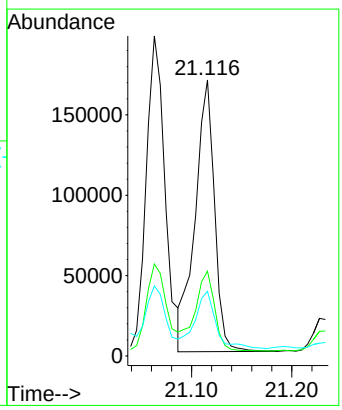




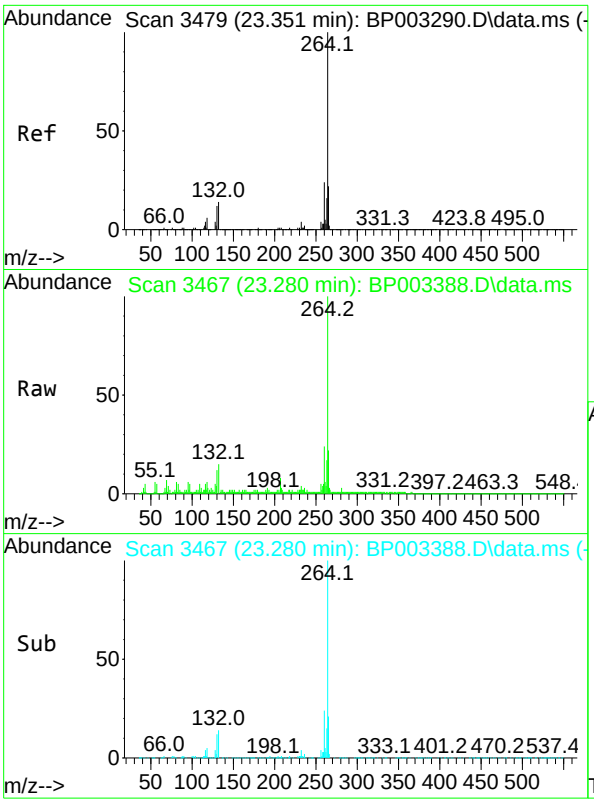
#83
Chrysene
Concen: 5.91 ng
RT: 21.116 min Scan# 3099
Delta R.T. 0.012 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:228 Resp: 228119

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	23.4	15.8	23.6



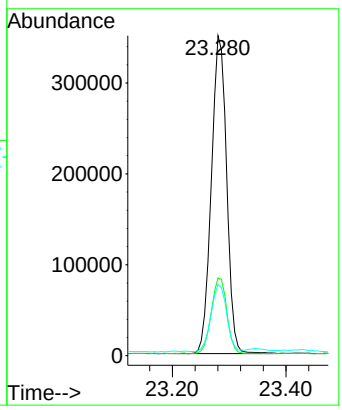
Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

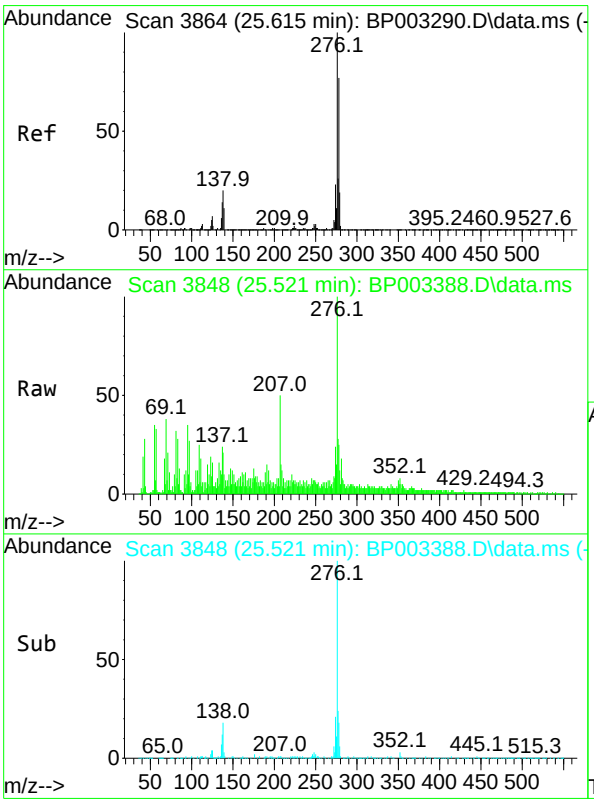


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.280 min Scan# 3467
Delta R.T. 0.018 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:264 Resp: 651821

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	22.2	17.4	26.2

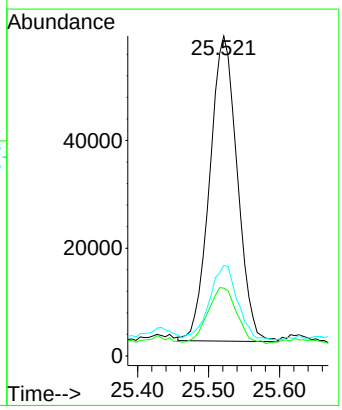




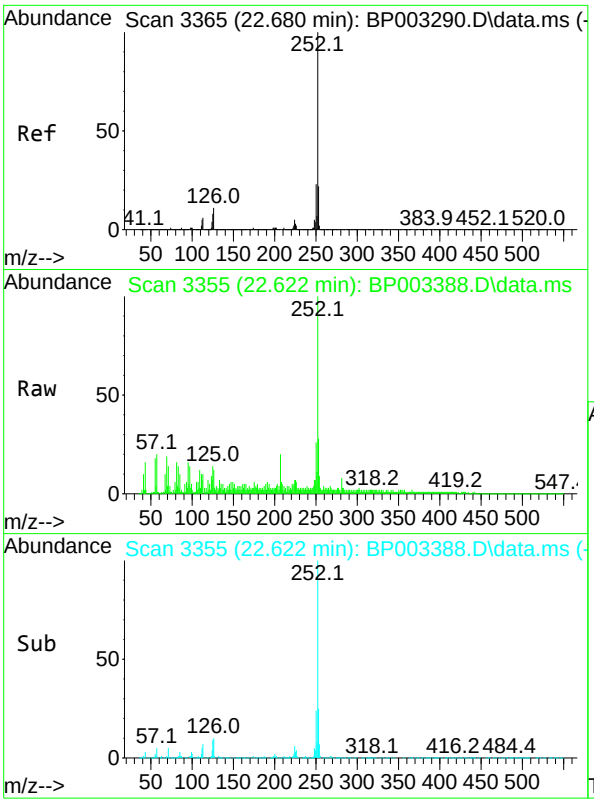
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.09 ng
RT: 25.521 min Scan# 3848
Delta R.T. 0.030 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:276 Resp: 152417

Ion	Ratio	Lower	Upper
276	100		
138	19.3	18.7	28.1
277	25.0	20.4	30.6



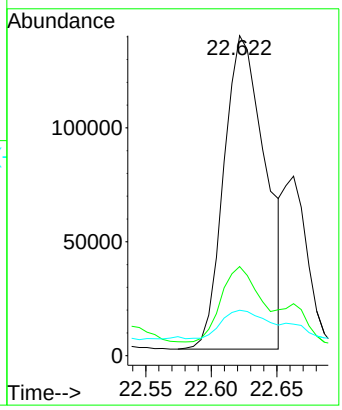
Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

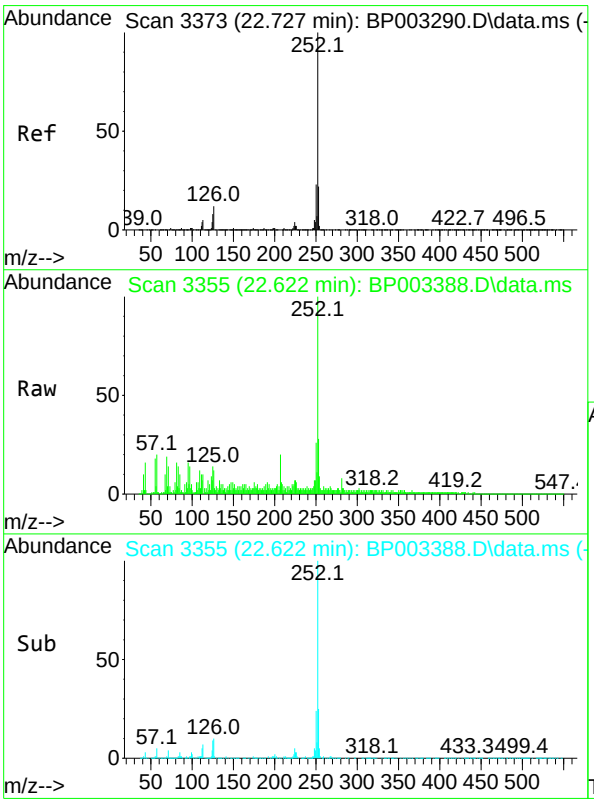


#88
Benzo(b)fluoranthene
Concen: 7.38 ng
RT: 22.622 min Scan# 3355
Delta R.T. 0.018 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:252 Resp: 303952

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.6	26.4#
125	14.2	7.3	10.9#

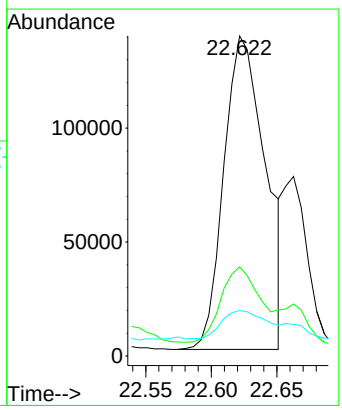




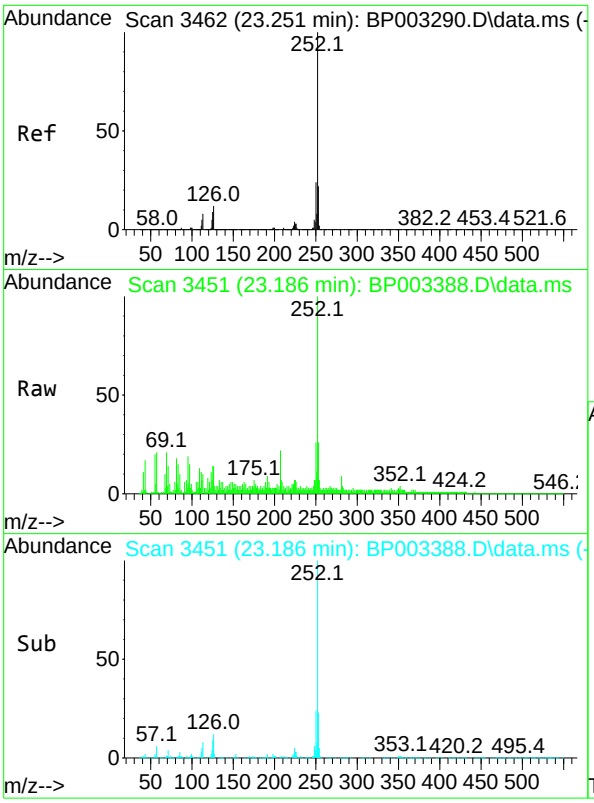
#89
Benzo(k)fluoranthene
Concen: 7.70 ng
RT: 22.622 min Scan# 3355
Delta R.T. -0.029 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:252 Resp: 303952

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.8	26.8#
125	14.2	7.4	11.2#



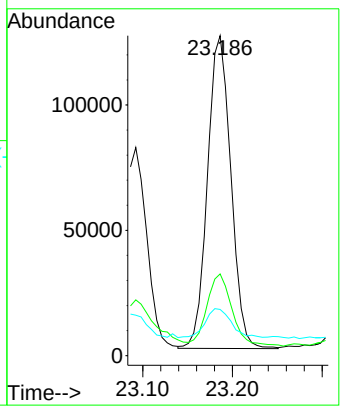
Instrument :
BNA_P
ClientSampleId :
B-2(9-11)

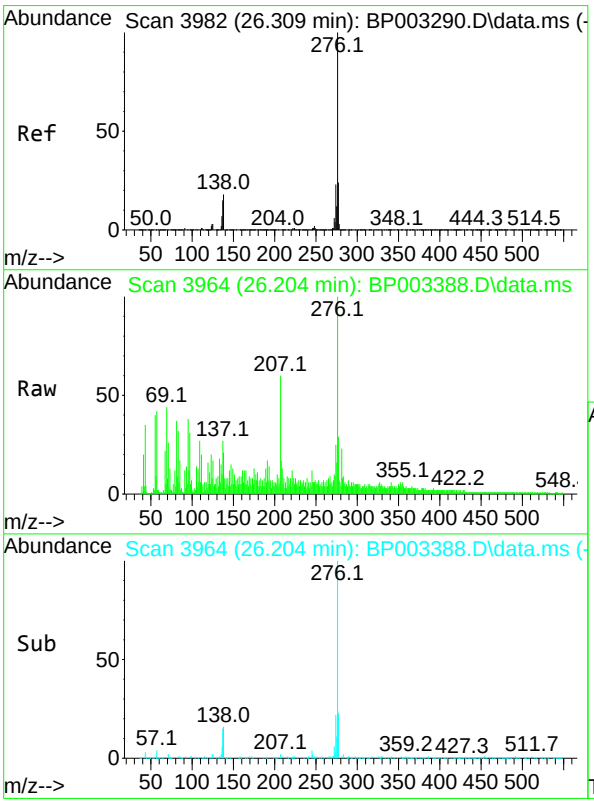


#90
Benzo(a)pyrene
Concen: 5.82 ng
RT: 23.186 min Scan# 3451
Delta R.T. 0.018 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:252 Resp: 226028

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.4	26.0
125	14.5	8.2	12.4#





#92
Benzo(g,h,i)perylene
Concen: 3.69 ng
RT: 26.204 min Scan# 3964
Delta R.T. 0.041 min
Lab File: BP003388.D
Acq: 25 Sep 2020 18:59

Tgt Ion:276 Resp: 150070

Ion	Ratio	Lower	Upper
276	100		
277	28.9	19.0	28.6#
138	21.3	16.6	24.8