Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003410.D
Acq On : 29 Sep 2020 21:20
Operator : CG/JU
Sample : L4172-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-6(7-9)

Quant Time: Sep 30 01:20:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 17:55:44 2020
Response via : Initial Calibration

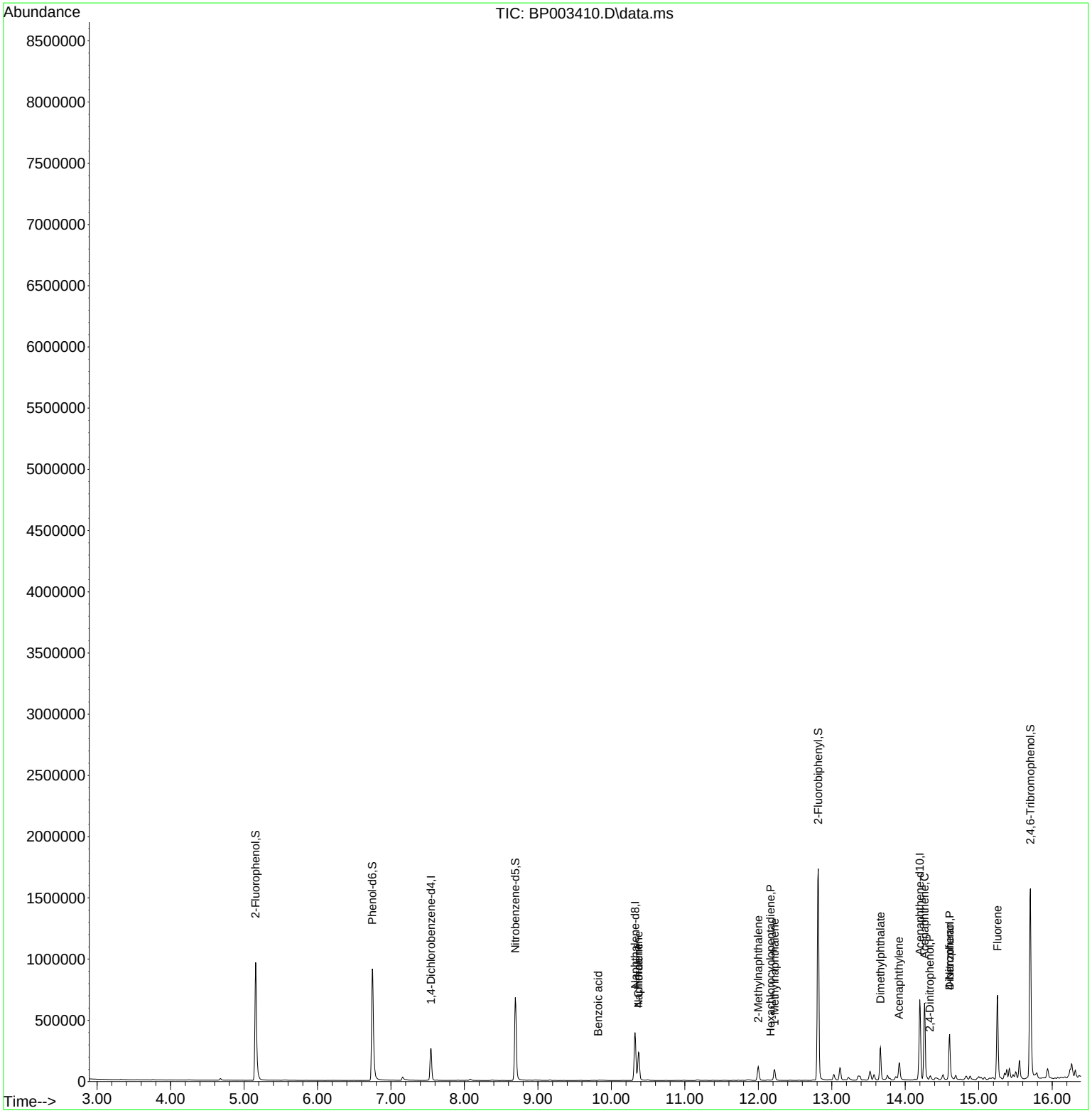
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	74803	20.00	ng	0.00
21) Naphthalene-d8	10.322	136	332664	20.00	ng	# 0.00
39) Acenaphthene-d10	14.198	164	219220	20.00	ng	-0.01
64) Phenanthrene-d10	16.957	188	503300	20.00	ng	# 0.00
76) Chrysene-d12	21.069	240	580870	20.00	ng	0.00
86) Perylene-d12	23.263	264	692141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.158	112	496459	115.89	ng	0.00
7) Phenol-d6	6.746	99	661168	115.79	ng	0.00
23) Nitrobenzene-d5	8.693	82	432604	76.40	ng	-0.01
42) 2,4,6-Tribromophenol	15.704	330	281960	84.33	ng	0.00
45) 2-Fluorobiphenyl	12.816	172	908003	60.58	ng	0.00
79) Terphenyl-d14	19.539	244	1357008	48.68	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.369	128	199597	11.36	ng	100
32) Benzoic acid	9.822	122	87	9.18	ng	# 70
33) 4-Chloroaniline	10.369	127	26916	3.61	ng	# 37
37) 2-Methylnaphthalene	11.998	142	58283	4.58	ng	97
38) 1-Methylnaphthalene	12.222	142	43774	3.62	ng	98
41) Hexachlorocyclopentadiene	12.169	237	27	6.85	ng	79
49) Acenaphthylene	13.916	152	100970	4.88	ng	97
50) Dimethylphthalate	13.663	163	173404	9.91	ng	100
52) Acenaphthene	14.263	154	217871	17.31	ng	99
54) 2,4-Dinitrophenol	14.334	184	22	7.26	ng	# 1
55) Dibenzofuran	14.604	168	228313	11.36	ng	96
56) 4-Nitrophenol	14.604	139	89614	36.06	ng	# 20
58) Fluorene	15.257	166	300524	18.94	ng	100
70) Pentachlorophenol	16.886	266	34	6.78	ng	90
71) Phenanthrene	17.004	178	3400375	124.18	ng	99
72) Anthracene	17.092	178	998845	37.01	ng	99
73) Carbazole	17.363	167	550506	21.48	ng	99
75) Fluoranthene	18.992	202	4822008	140.05	ng	98
78) Pyrene	19.345	202	4067017	112.27	ng	99
81) Benzo(a)anthracene	21.051	228	2872026	76.49	ng	98
83) Chrysene	21.104	228	2428564	67.32	ng	97
87) Indeno(1,2,3-cd)pyrene	25.492	276	1619453	30.87	ng	95
88) Benzo(b)fluoranthene	22.610	252	3476517	79.54	ng	98
89) Benzo(k)fluoranthene	22.610	252	3476517	82.99	ng	98
90) Benzo(a)pyrene	23.174	252	2601156	63.11	ng	97
91) Dibenzo(a,h)anthracene	25.739	278	389582	9.00	ng	97
92) Benzo(g,h,i)perylene	26.174	276	1440061	33.32	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003410.D
Acq On : 29 Sep 2020 21:20
Operator : CG/JU
Sample : L4172-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-6(7-9)

Quant Time: Sep 30 01:20:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 17:55:44 2020
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003410.D
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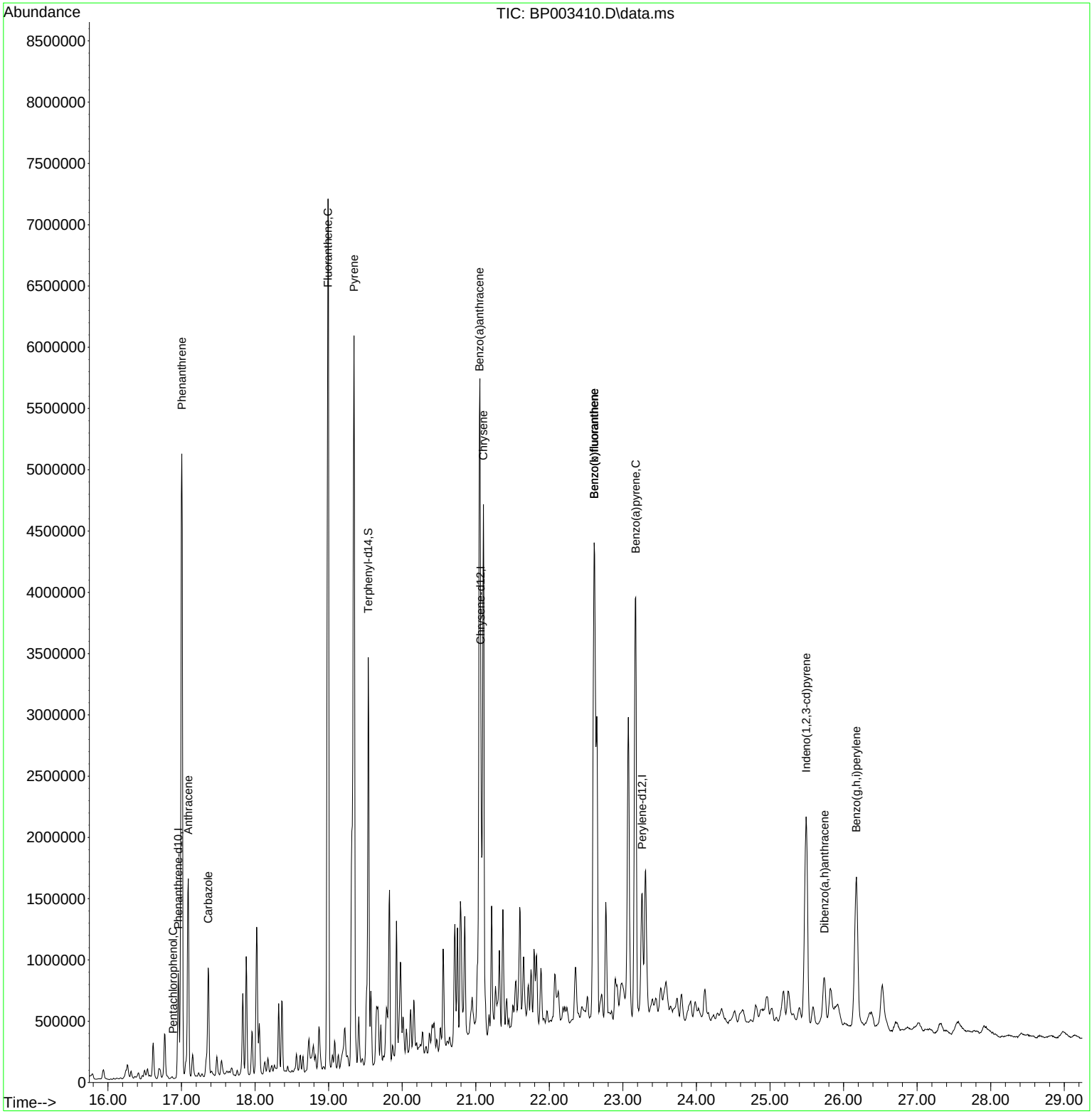
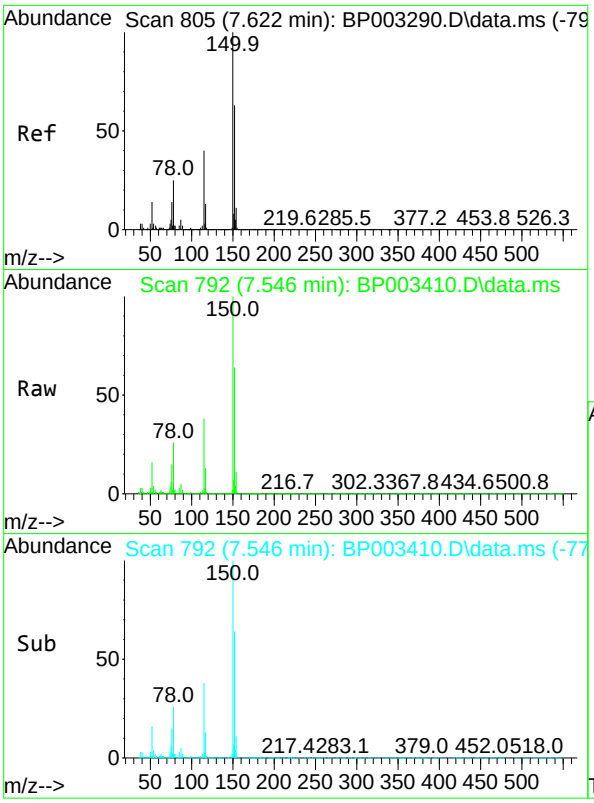


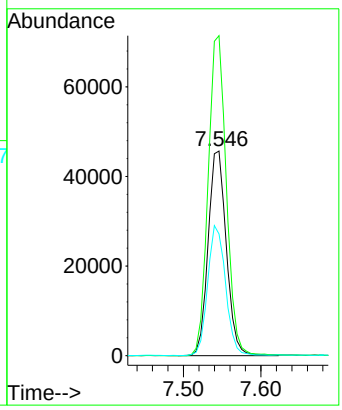
Instrument :
BNA_P
ClientSampleId :
B-6(7-9)

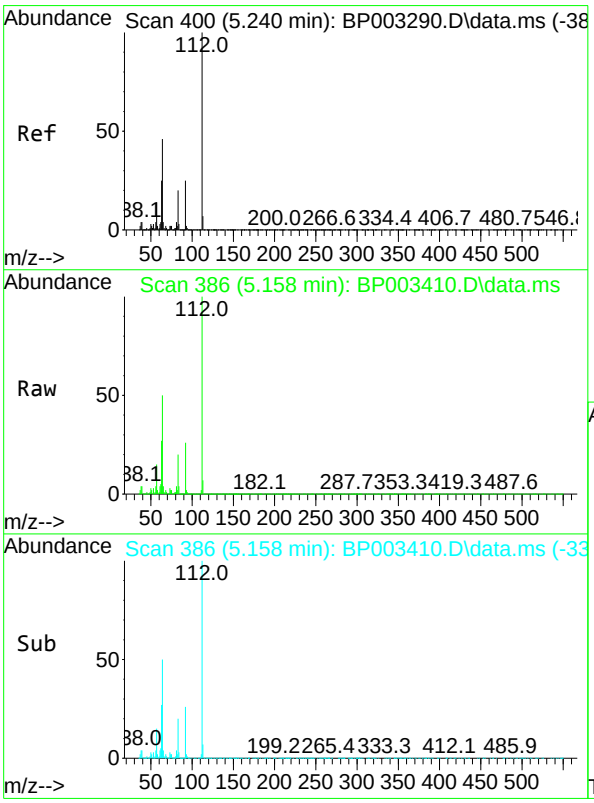


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.546 min Scan# 792
Delta R.T. -0.000 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:152 Resp: 74803

Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.8	185.6
115	59.5	43.8	65.6

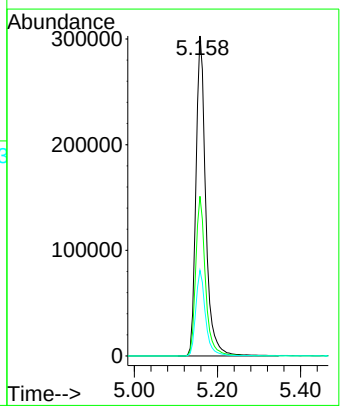




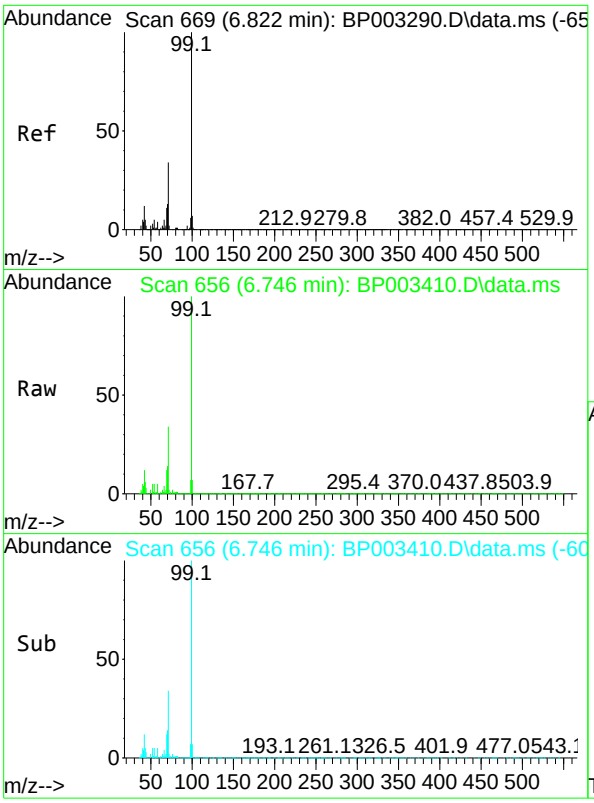
#5
2-Fluorophenol
Concen: 115.89 ng
RT: 5.158 min Scan# 386
Delta R.T. -0.006 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:112 Resp: 496459

Ion	Ratio	Lower	Upper
112	100		
64	49.9	32.8	49.2#
63	26.7	17.0	25.4#



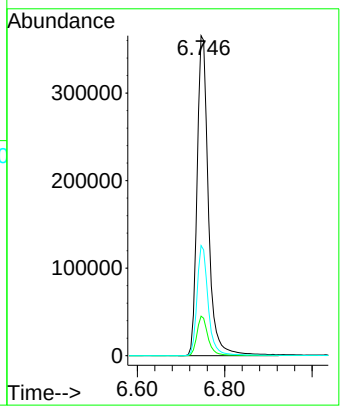
Instrument :
BNA_P
ClientSampleId :
B-6(7-9)

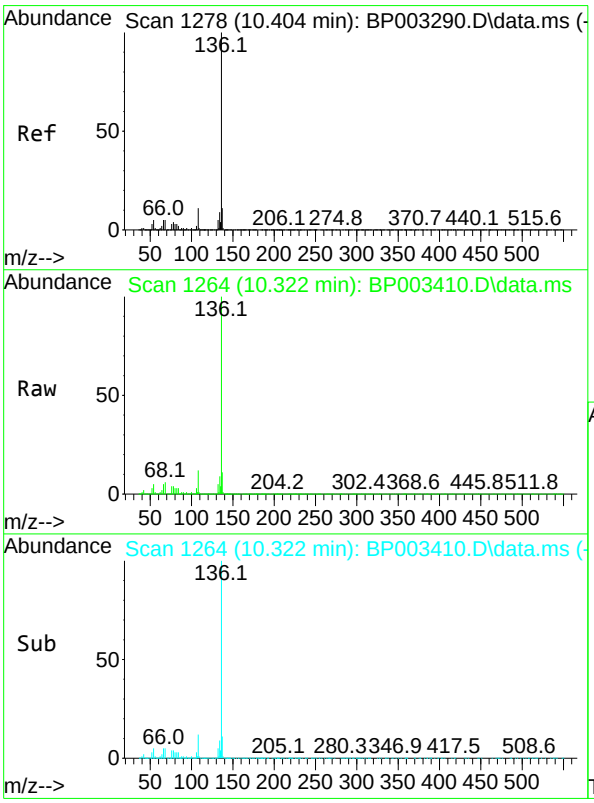


#7
Phenol-d6
Concen: 115.79 ng
RT: 6.746 min Scan# 656
Delta R.T. -0.006 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion: 99 Resp: 661168

Ion	Ratio	Lower	Upper
99	100		
42	12.3	8.6	13.0
71	34.4	23.4	35.2

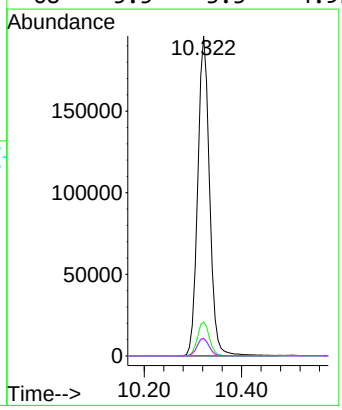


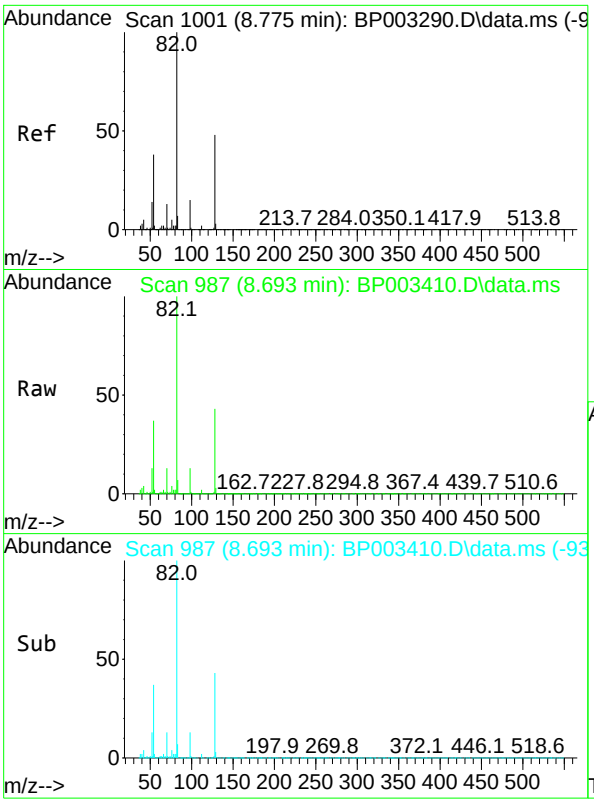


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.322 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:136 Resp: 332664

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	5.3	3.6	5.4
68	5.5	3.3	4.9#

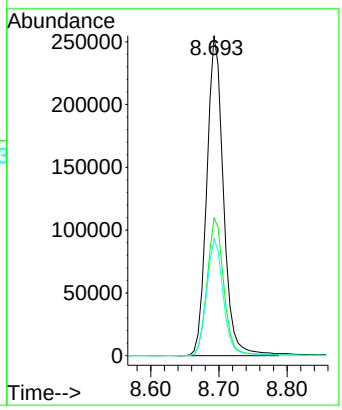




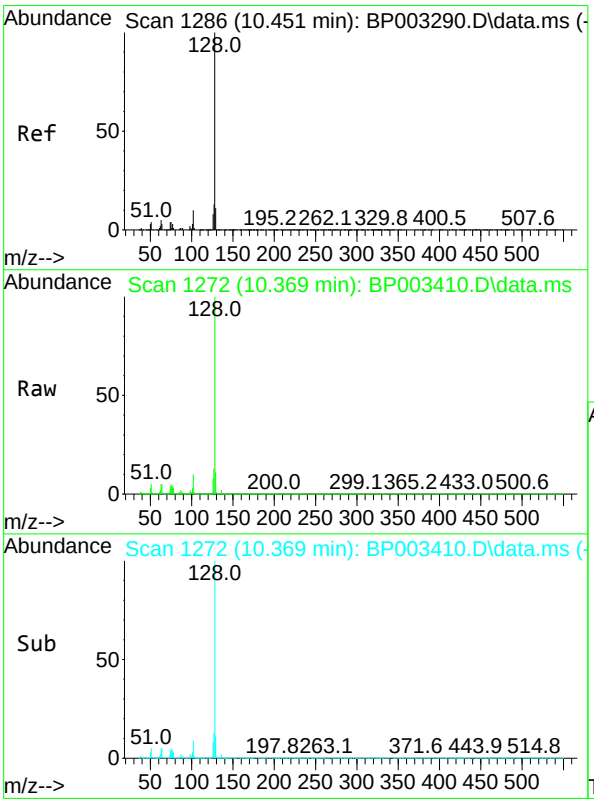
#23
Nitrobenzene-d5
Concen: 76.40 ng
RT: 8.693 min Scan# 987
Delta R.T. -0.012 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion: 82 Resp: 432604

Ion	Ratio	Lower	Upper
82	100		
128	43.0	45.6	68.4#
54	36.6	30.1	45.1



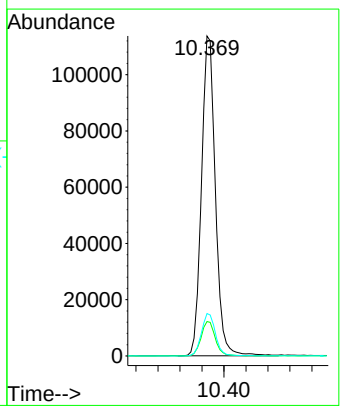
Instrument :
BNA_P
ClientSampleId :
B-6(7-9)



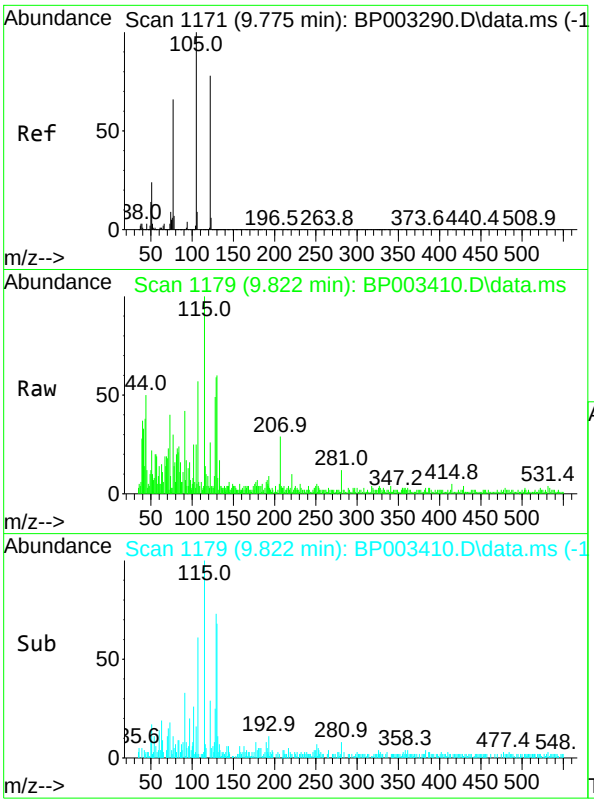
#31
Naphthalene
Concen: 11.36 ng
RT: 10.369 min Scan# 1272
Delta R.T. -0.012 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:128 Resp: 199597

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.2	10.6	15.8



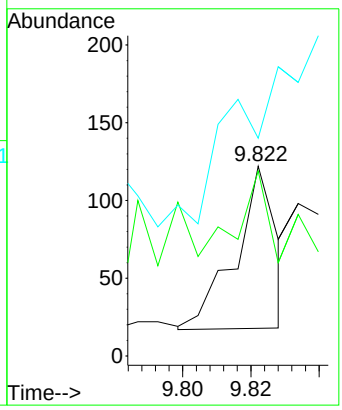
Instrument :
BNA_P
ClientSampleId :
B-6(7-9)

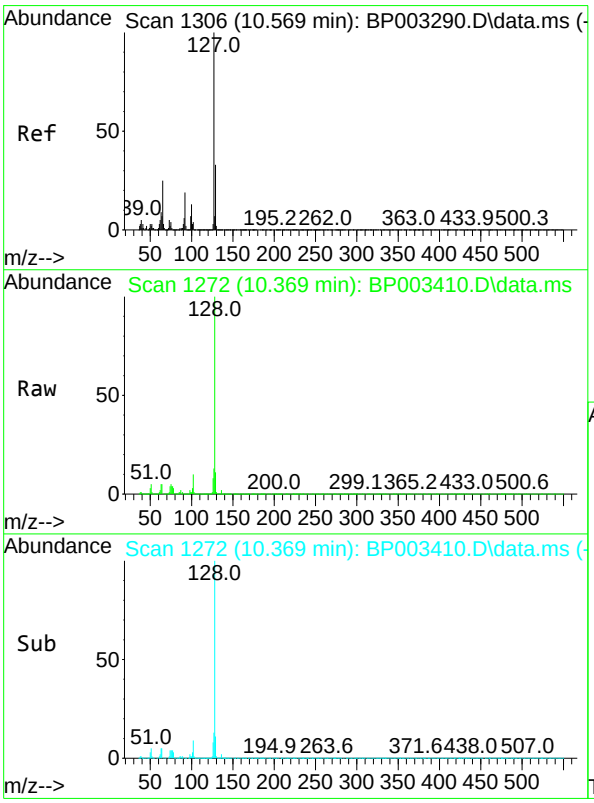


#32
Benzoic acid
Concen: 9.18 ng
RT: 9.822 min Scan# 1179
Delta R.T. 0.088 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:122 Resp: 87

Ion	Ratio	Lower	Upper
122	100		
105	97.5	94.1	134.1
77	114.8	50.1	90.1#

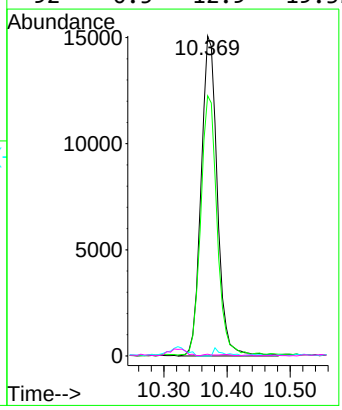


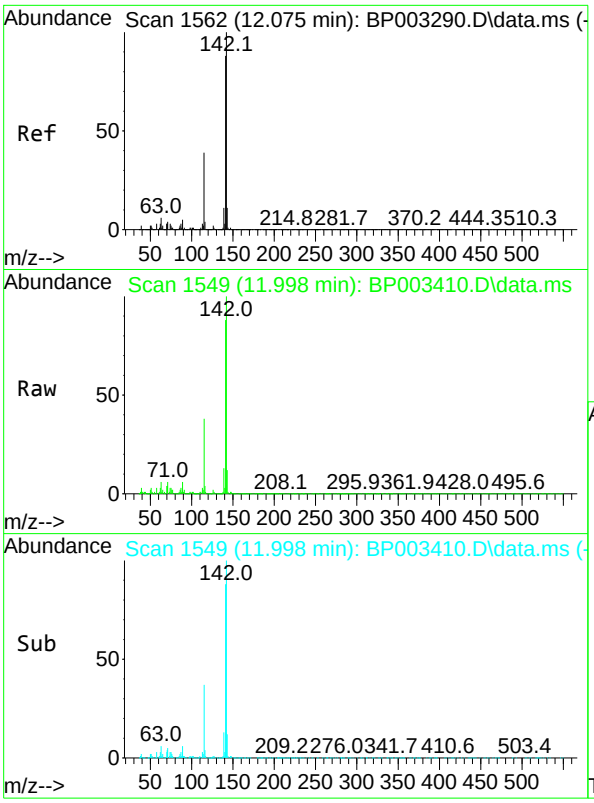


#33
4-Chloroaniline
Concen: 3.61 ng
RT: 10.369 min Scan# 1272
Delta R.T. -0.129 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:127 Resp: 26916

Ion	Ratio	Lower	Upper
127	100		
129	81.3	25.7	38.5#
65	0.0	17.3	25.9#
92	0.5	12.9	19.3#

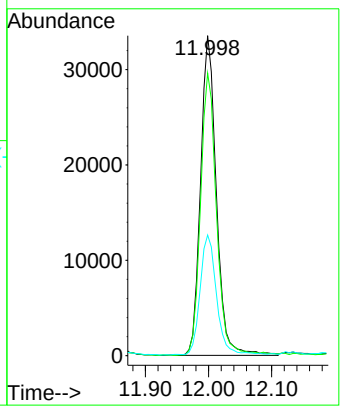




#37
2-Methylnaphthalene
Concen: 4.58 ng
RT: 11.998 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:142 Resp: 58283

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.2
115	37.7	25.8	38.6



Instrument :
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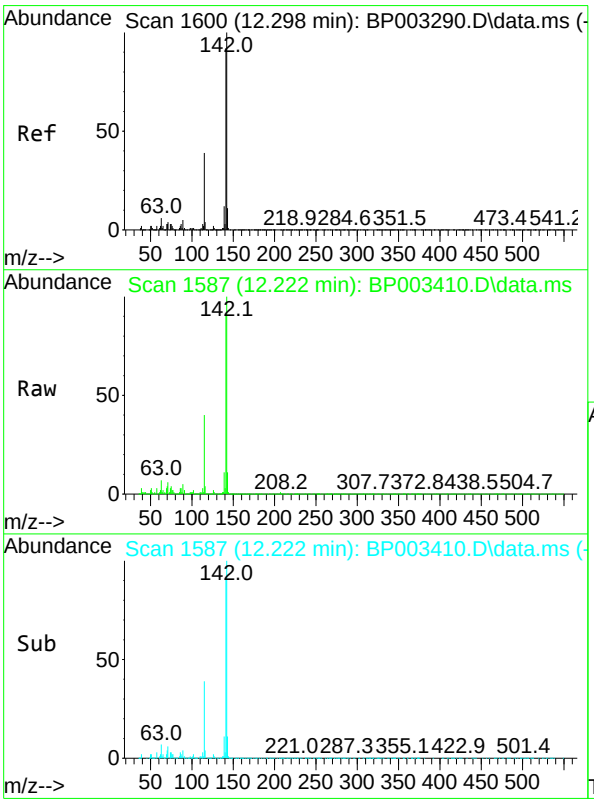
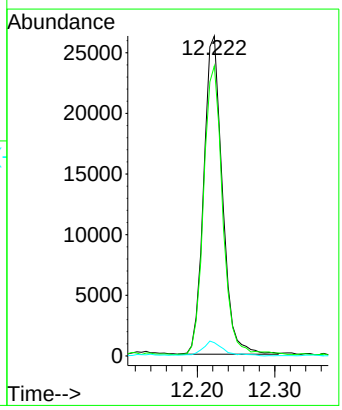
ClientSampleId :
B-6(7-9)



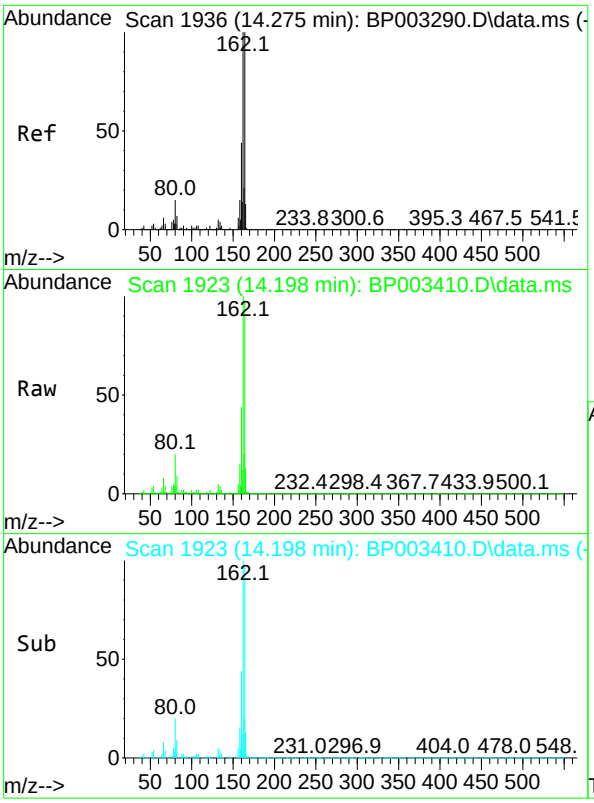
#38
1-Methylnaphthalene
Concen: 3.62 ng
RT: 12.222 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:142 Resp: 43774

Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.4	111.6
116	4.1	2.9	4.3



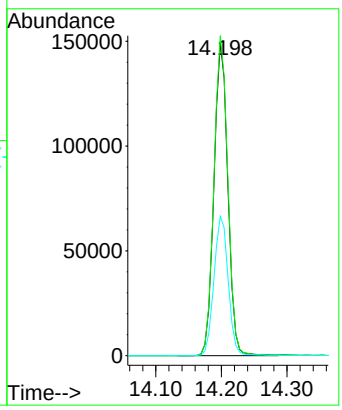
Instrument :
BNA_P
ClientSampleId :
B-6(7-9)

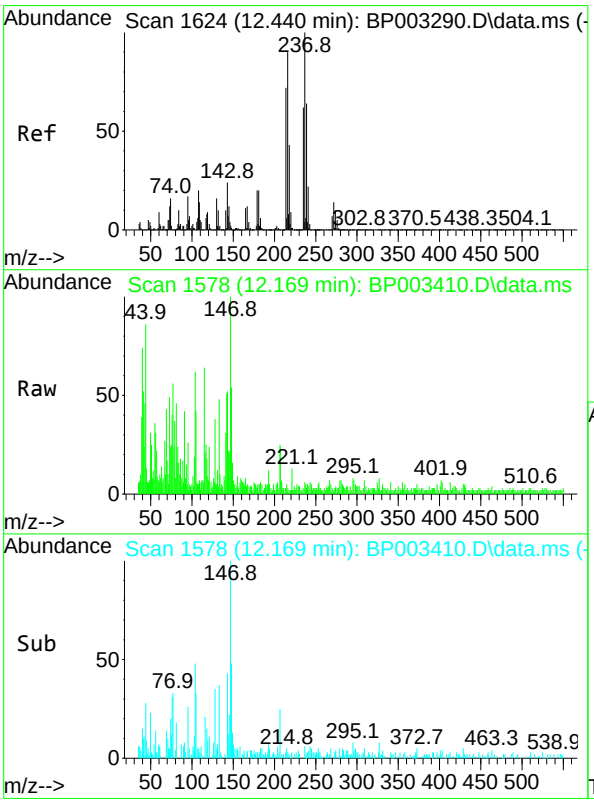


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.198 min Scan# 1923
Delta R.T. -0.012 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:164 Resp: 219220

Ion	Ratio	Lower	Upper
164	100		
162	102.4	79.4	119.2
160	44.6	36.1	54.1

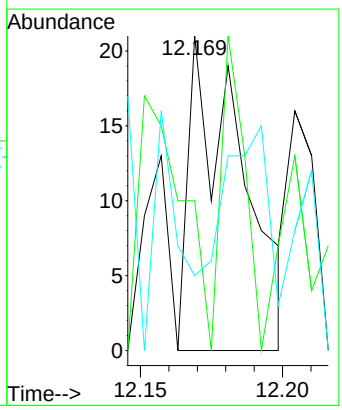




#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.169 min Scan# 1578
Delta R.T. -0.200 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:237 Resp: 27

Ion	Ratio	Lower	Upper
237	100		
235	47.6	43.2	83.2
272	23.8	0.0	33.3



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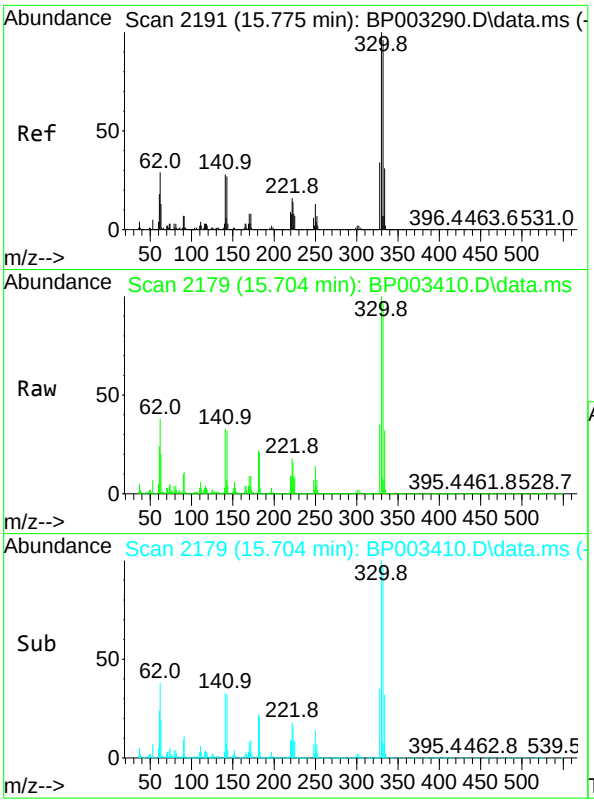
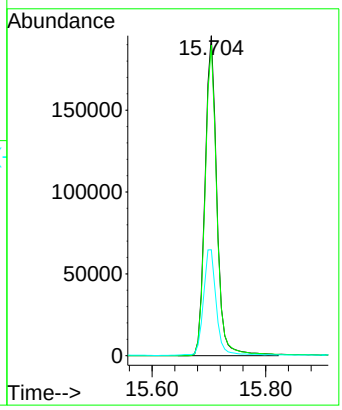
ClientSampleId :
B-6(7-9)

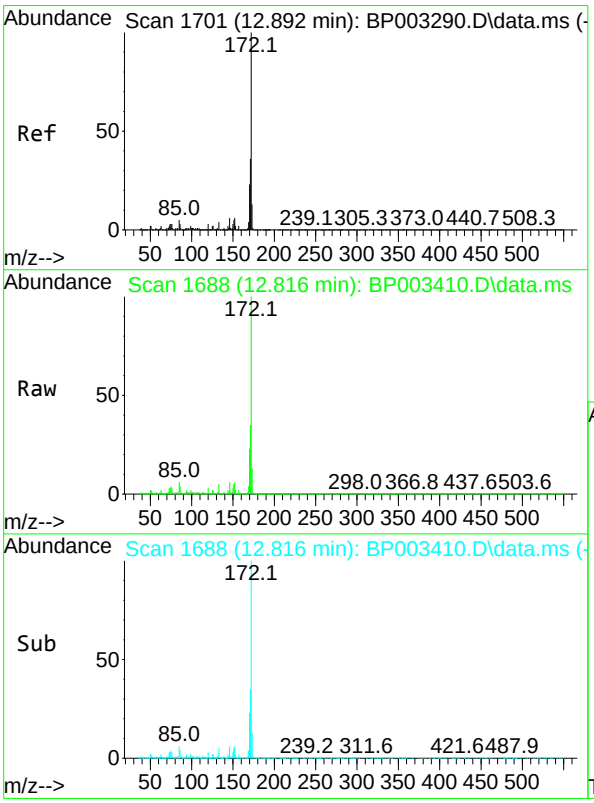


#42
2,4,6-Tribromophenol
Concen: 84.33 ng
RT: 15.704 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:330 Resp: 281960

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	36.1	23.4	35.2#

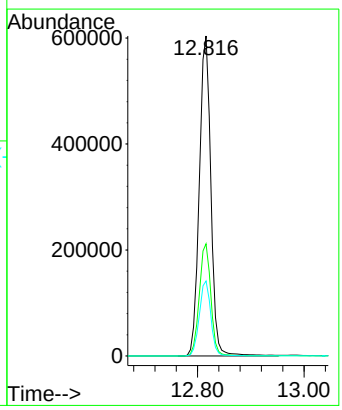




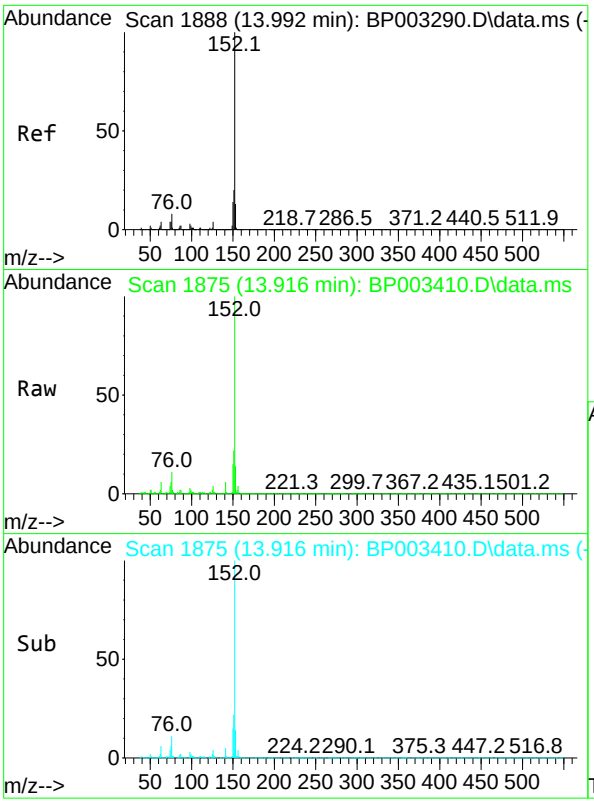
#45
2-Fluorobiphenyl
Concen: 60.58 ng
RT: 12.816 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:172 Resp: 908003

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



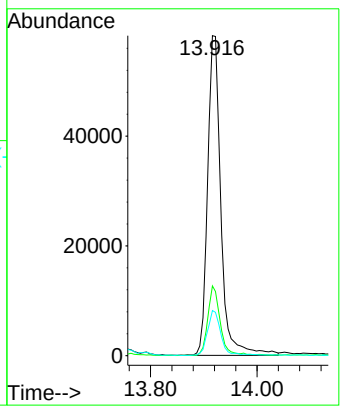
Instrument :
BNA_P
ClientSampleId :
B-6(7-9)

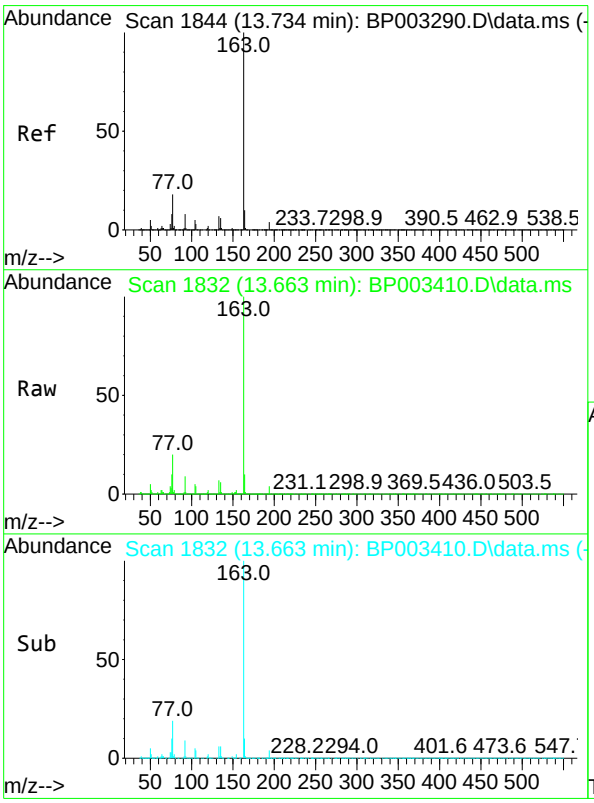


#49
Acenaphthylene
Concen: 4.88 ng
RT: 13.916 min Scan# 1875
Delta R.T. -0.012 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:152 Resp: 100970

Ion	Ratio	Lower	Upper
152	100		
151	21.8	15.9	23.9
153	14.1	10.5	15.7

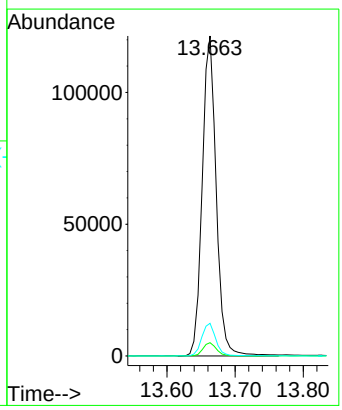




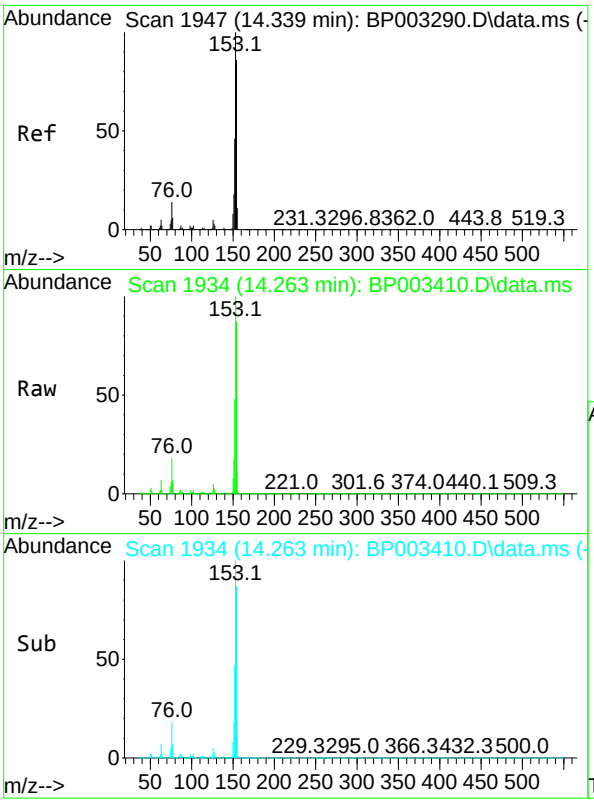
#50
Dimethylphthalate
Concen: 9.91 ng
RT: 13.663 min Scan# 1832
Delta R.T. -0.012 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:163 Resp: 173404

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.2	8.2	12.2



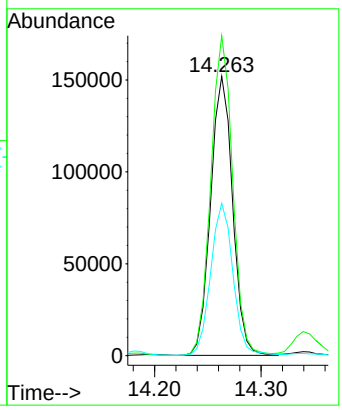
Instrument :
BNA_P
ClientSampleId :
B-6(7-9)

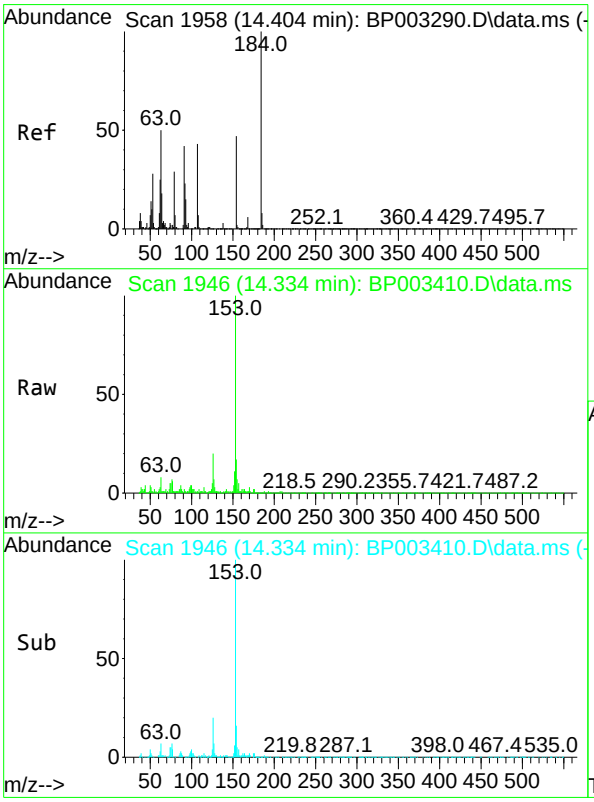


#52
Acenaphthene
Concen: 17.31 ng
RT: 14.263 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:154 Resp: 217871

Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.0	136.6
152	54.5	43.0	64.6

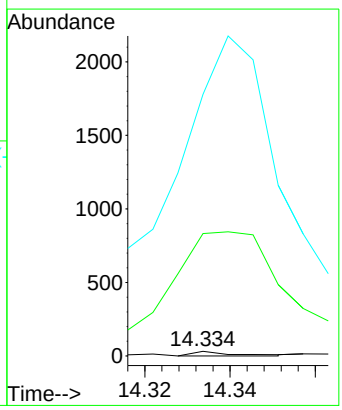




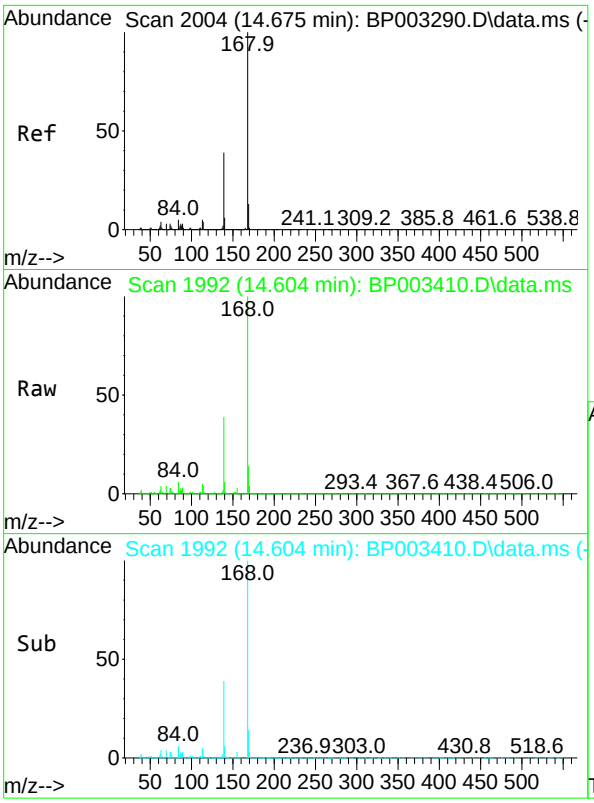
#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.334 min Scan# 1946
Delta R.T. -0.023 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:184 Resp: 22

Ion	Ratio	Lower	Upper
184	100		
63	2600.0	32.3	48.5#
154	5559.4	49.1	73.7#



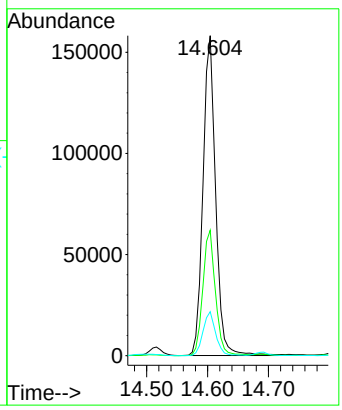
Instrument :
BNA_P
ClientSampleId :
B-6(7-9)

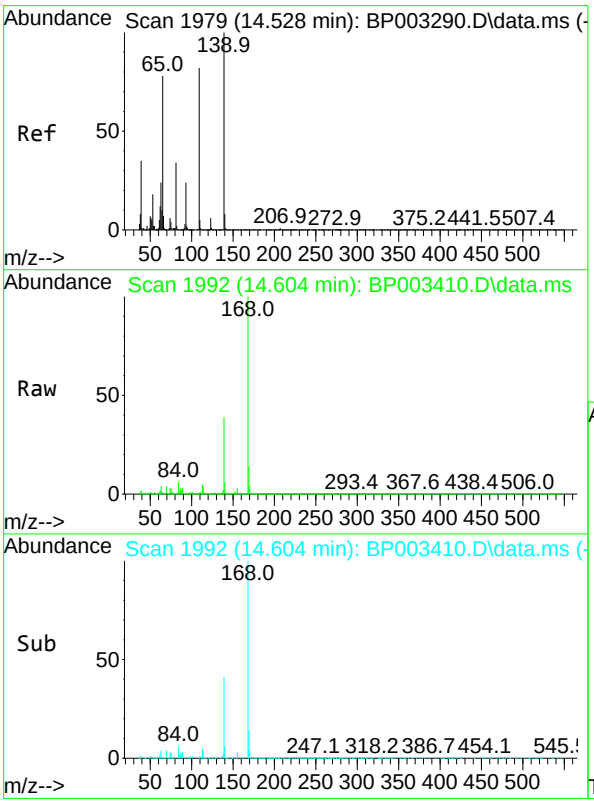


#55
Dibenzofuran
Concen: 11.36 ng
RT: 14.604 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:168 Resp: 228313

Ion	Ratio	Lower	Upper
168	100		
139	39.2	29.1	43.7
169	13.7	10.4	15.6

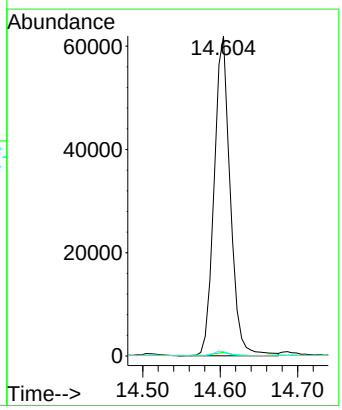




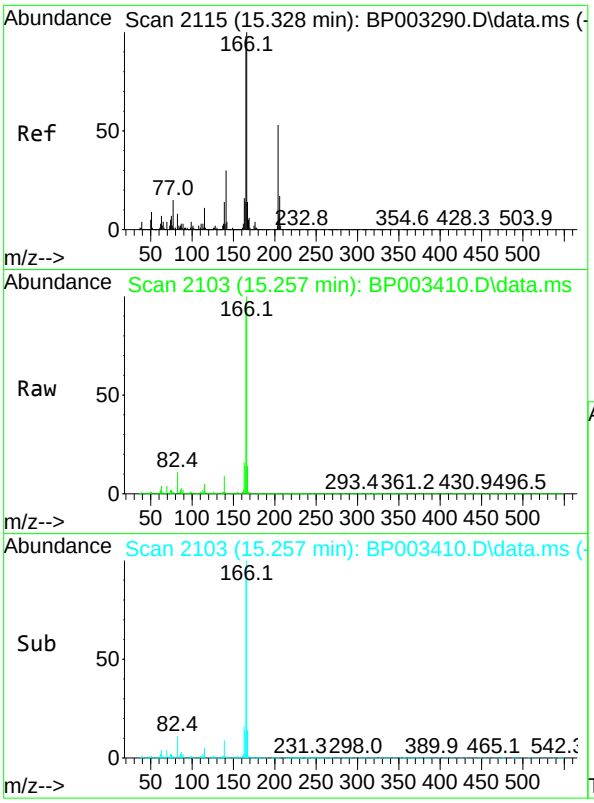
#56
4-Nitrophenol
Concen: 36.06 ng
RT: 14.604 min Scan# 1992
Delta R.T. 0.124 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:139 Resp: 89614

Ion	Ratio	Lower	Upper
139	100		
109	1.1	44.6	84.6#
65	1.3	41.6	81.6#



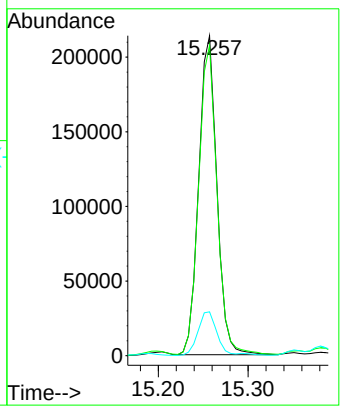
Instrument :
BNA_P
ClientSampleId :
B-6(7-9)

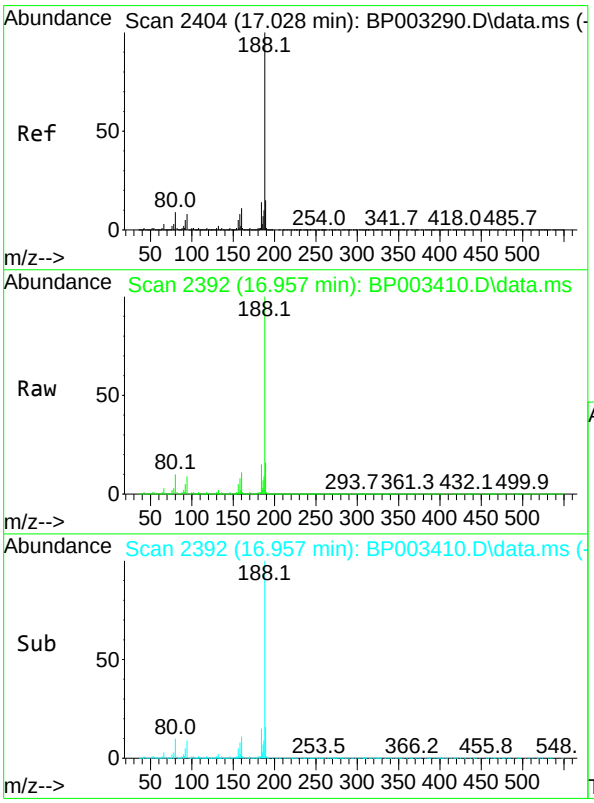


#58
Fluorene
Concen: 18.94 ng
RT: 15.257 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:166 Resp: 300524

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.8	116.8
167	13.7	11.0	16.4

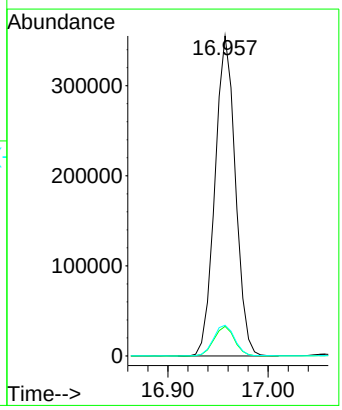




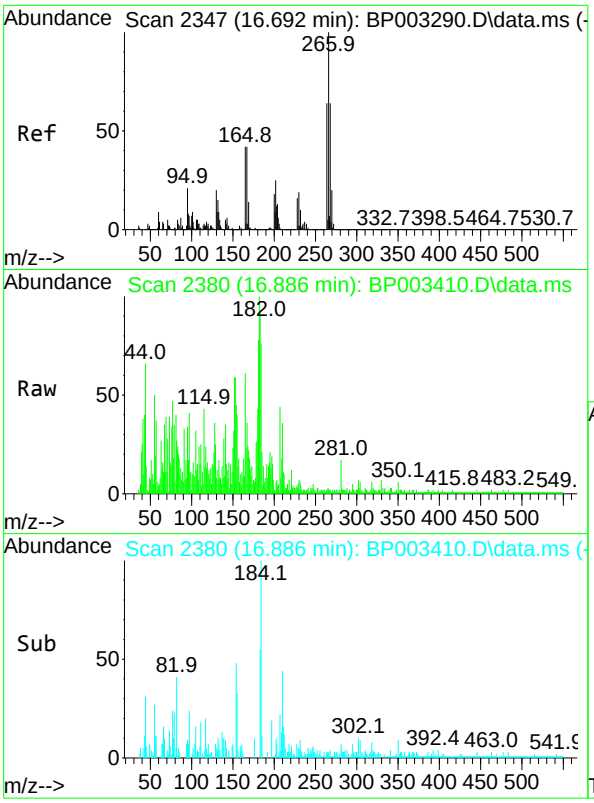
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.957 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:188 Resp: 503300

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.2	9.2#
80	9.6	6.2	9.2#



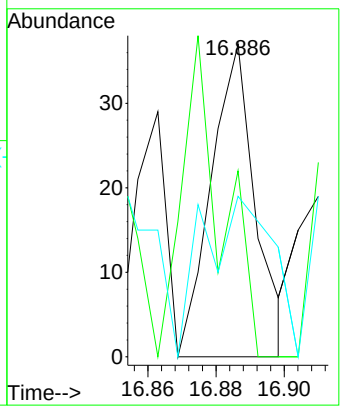
Instrument :
BNA_P
ClientSampleId :
B-6(7-9)

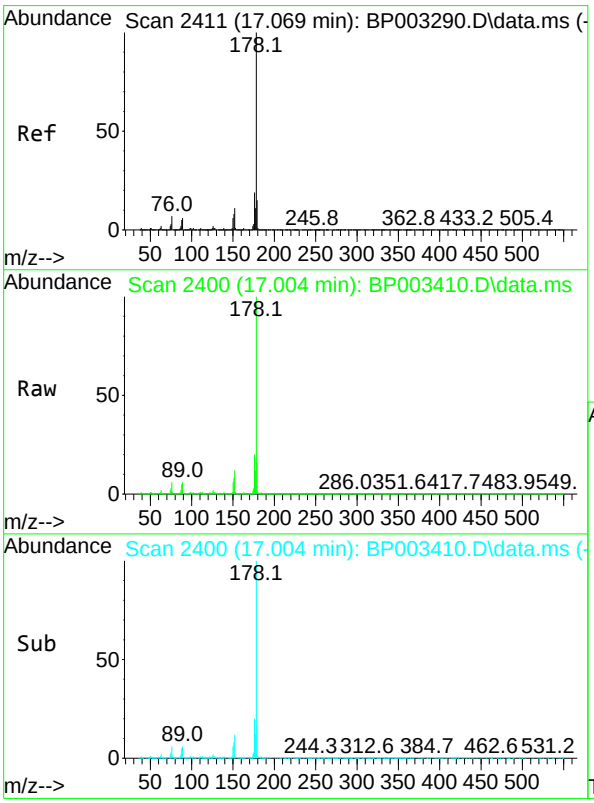


#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.886 min Scan# 2380
Delta R.T. 0.247 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:266 Resp: 34

Ion	Ratio	Lower	Upper
266	100		
268	59.5	51.1	76.7
264	51.4	50.6	76.0

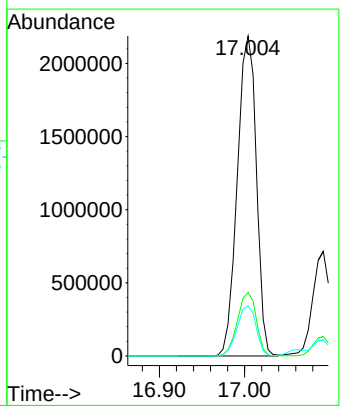




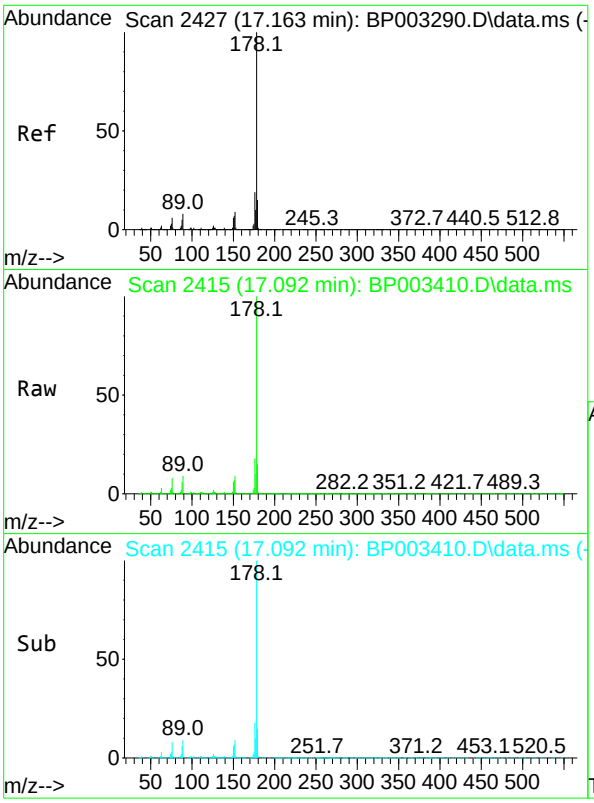
#71
Phenanthrene
Concen: 124.18 ng
RT: 17.004 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:178 Resp: 3400375

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.3	22.9
179	15.7	12.5	18.7



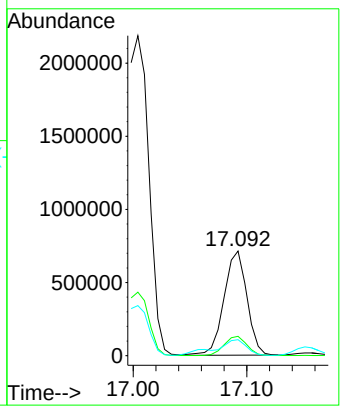
Instrument :
BNA_P
ClientSampleId :
B-6(7-9)

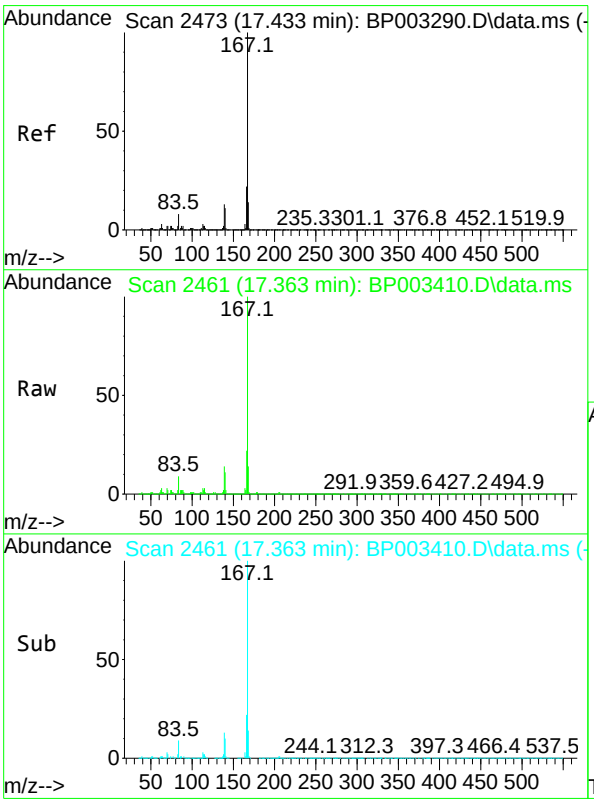


#72
Anthracene
Concen: 37.01 ng
RT: 17.092 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:178 Resp: 998845

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.3	12.5	18.7

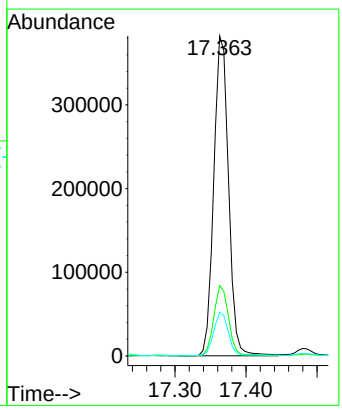




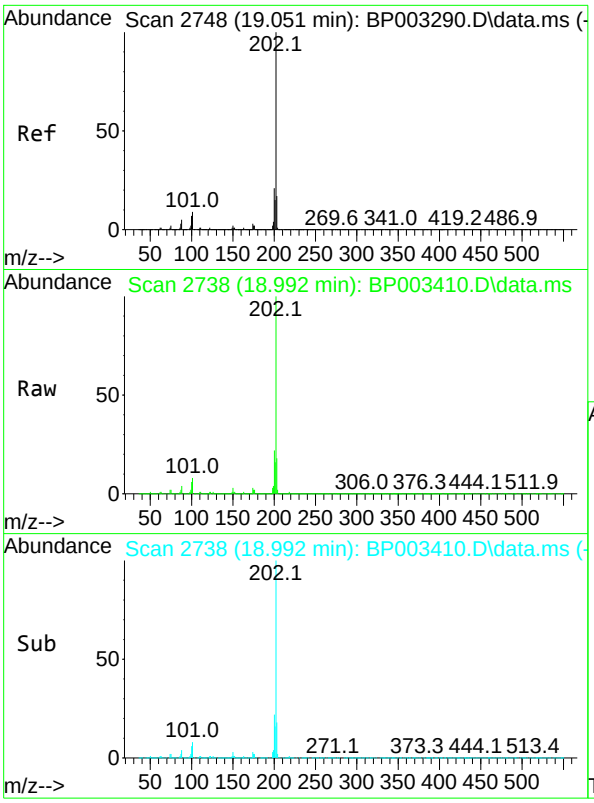
#73
Carbazole
Concen: 21.48 ng
RT: 17.363 min Scan# 2461
Delta R.T. -0.012 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:167 Resp: 550506

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.6	10.2	15.4



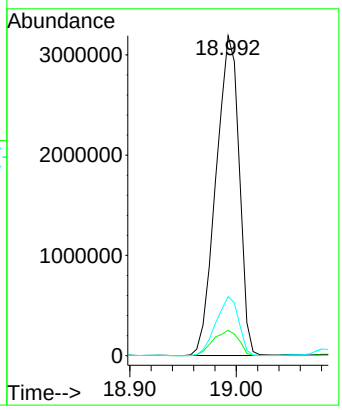
Instrument :
BNA_P
ClientSampleId :
B-6(7-9)

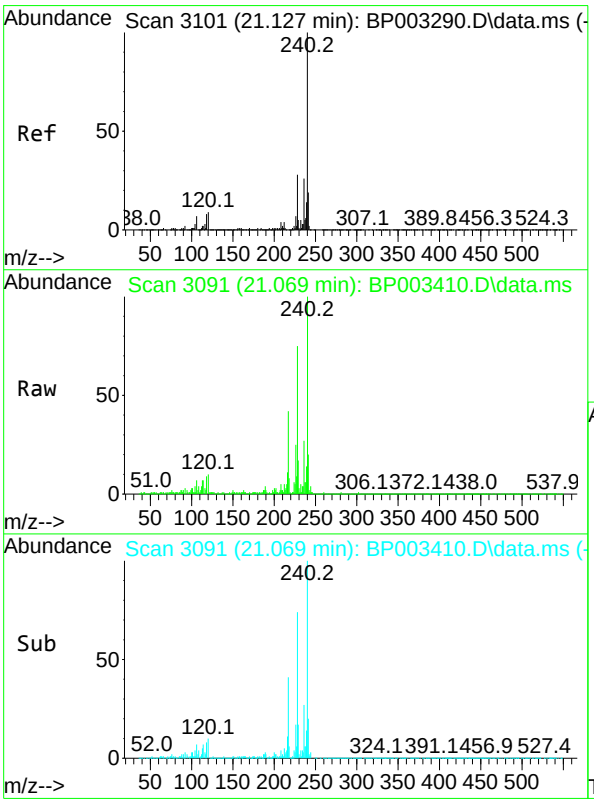


#75
Fluoranthene
Concen: 140.05 ng
RT: 18.992 min Scan# 2738
Delta R.T. 0.000 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:202 Resp: 4822008

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	29.4
203	18.4	0.0	37.8

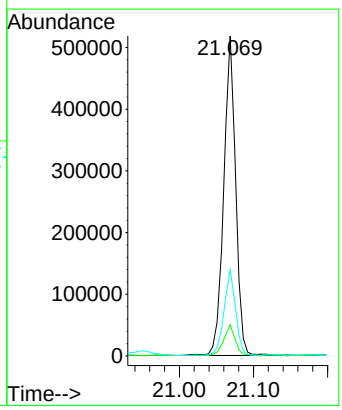




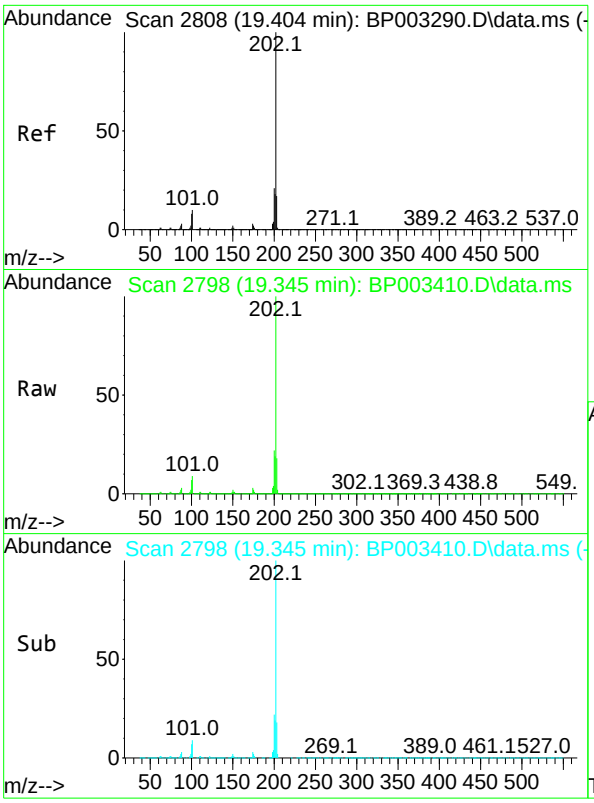
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.069 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:240 Resp: 580870

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.8	11.6
236	26.9	20.8	31.2



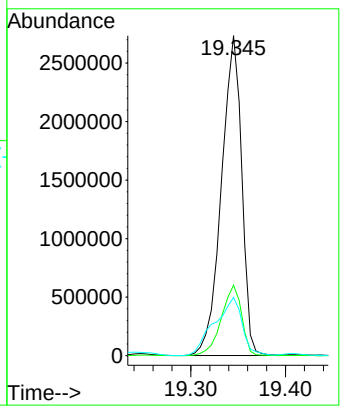
Instrument :
BNA_P
ClientSampleId :
B-6(7-9)

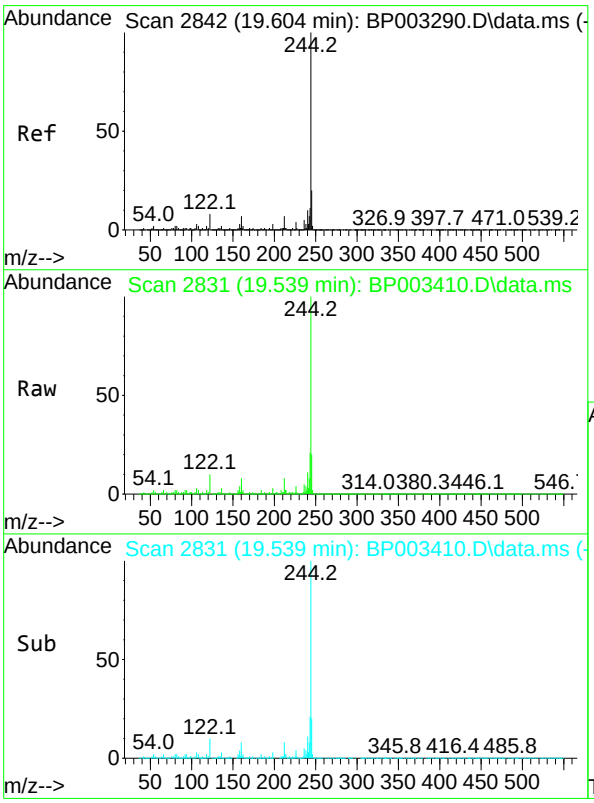


#78
Pyrene
Concen: 112.27 ng
RT: 19.345 min Scan# 2798
Delta R.T. 0.000 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:202 Resp: 4067017

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.1	25.7
203	18.2	14.2	21.2

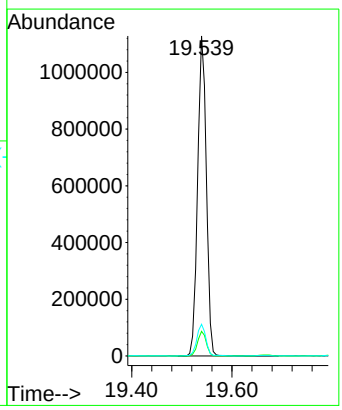


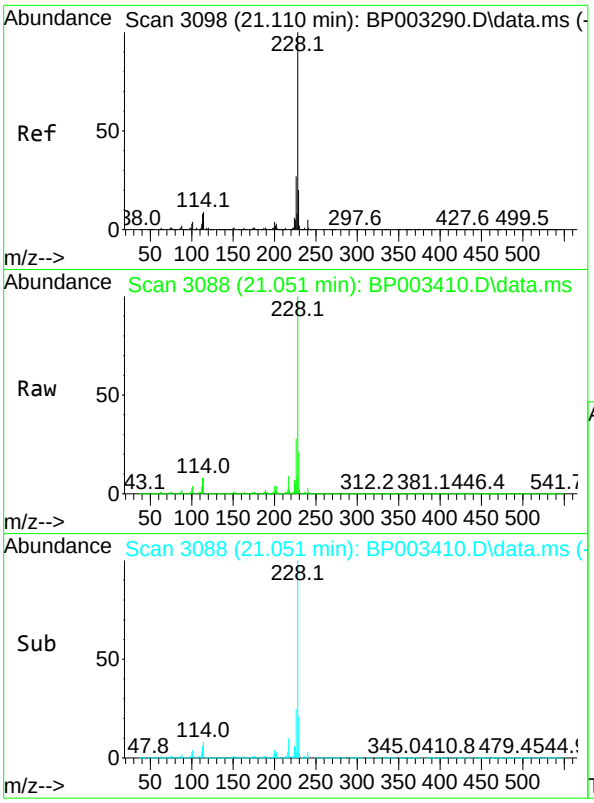


#79
Terphenyl-d14
Concen: 48.68 ng
RT: 19.539 min Scan# 2831
Delta R.T. -0.012 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:244 Resp: 1357008

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	9.9	7.8	11.8

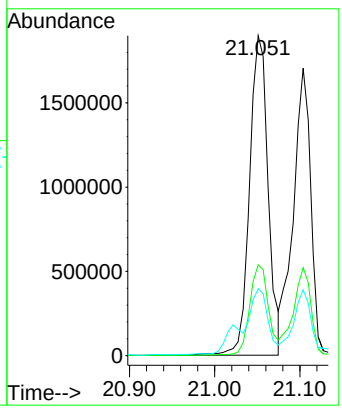




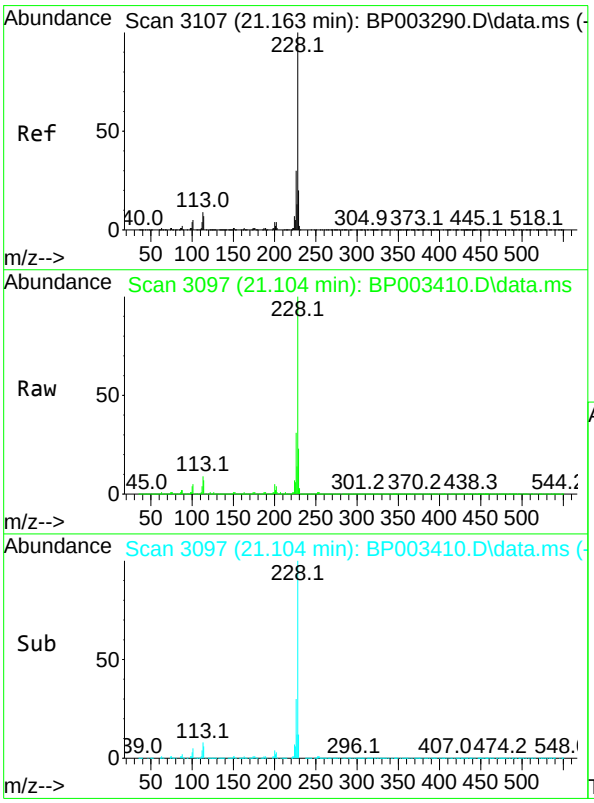
#81
Benzo(a)anthracene
Concen: 76.49 ng
RT: 21.051 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:228 Resp: 2872026

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.1	33.1
229	21.0	15.9	23.9



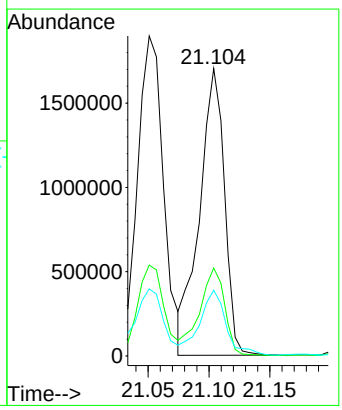
Instrument :
BNA_P
ClientSampleId :
B-6(7-9)

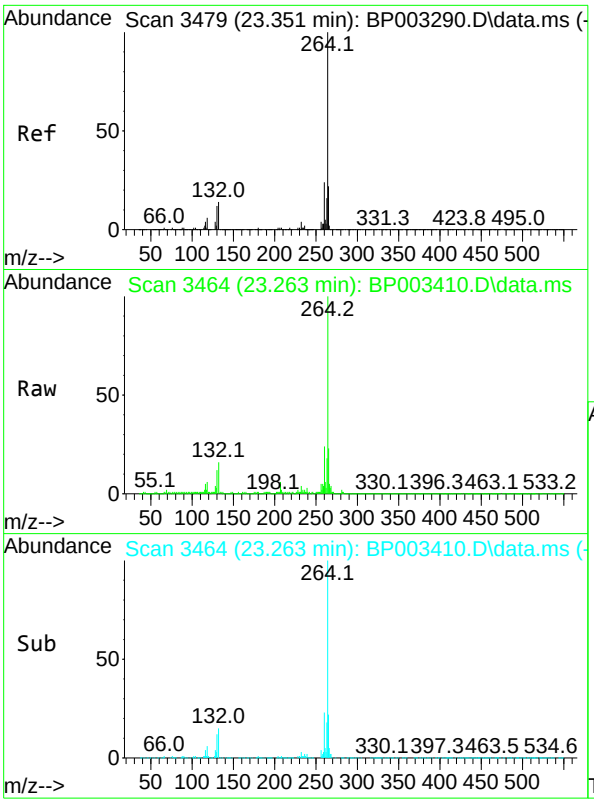


#83
Chrysene
Concen: 67.32 ng
RT: 21.104 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:228 Resp: 2428564

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	22.9	15.8	23.6

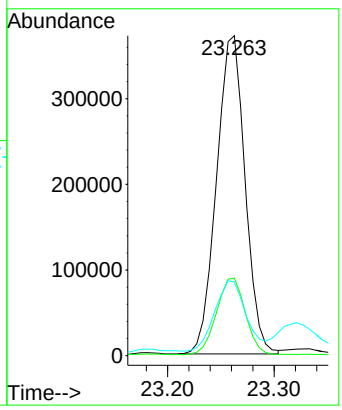




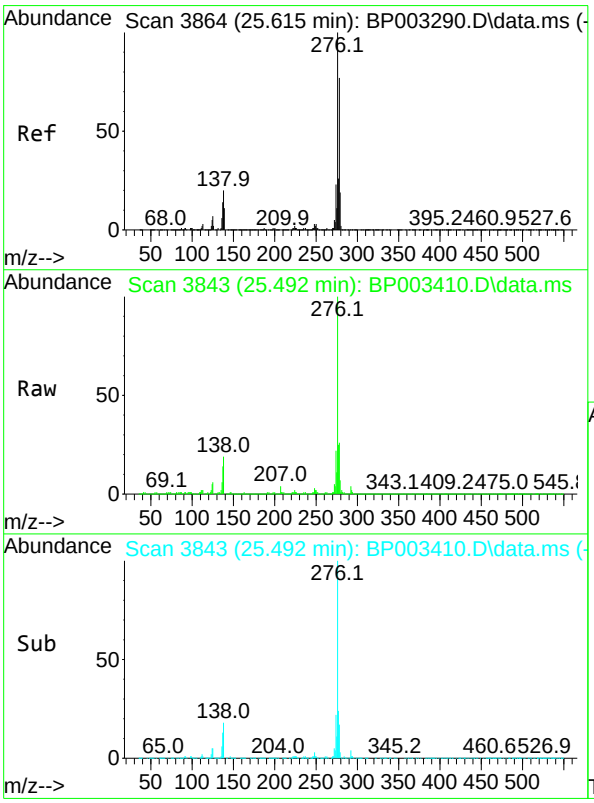
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.263 min Scan# 3464
Delta R.T. 0.000 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:264 Resp: 692141

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	23.1	17.4	26.2



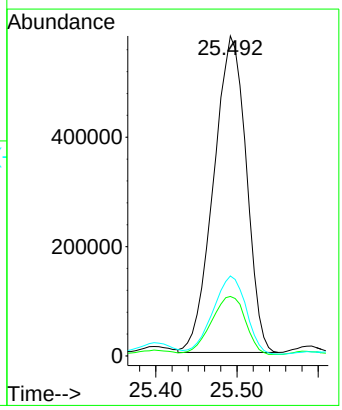
Instrument :
BNA_P
ClientSampleId :
B-6(7-9)



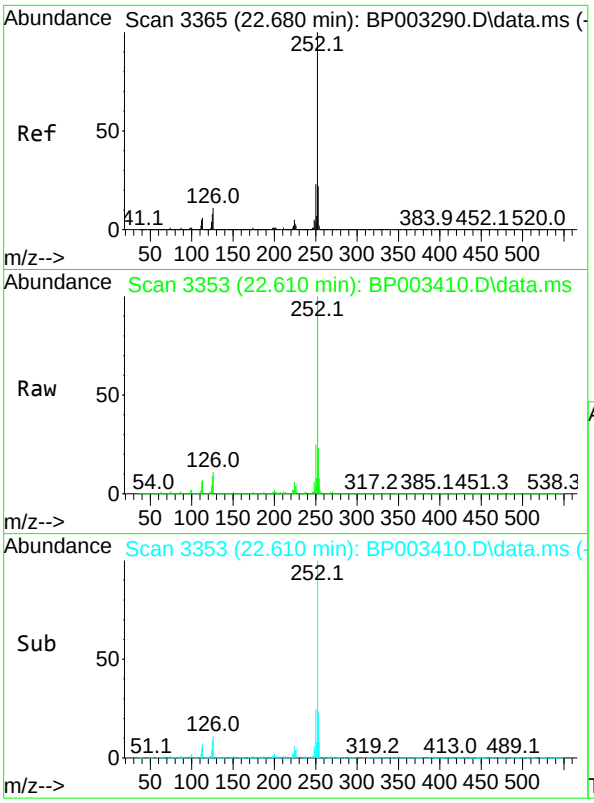
#87
Indeno(1,2,3-cd)pyrene
Concen: 30.87 ng
RT: 25.492 min Scan# 3843
Delta R.T. -0.012 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:276 Resp: 1619453

Ion	Ratio	Lower	Upper
276	100		
138	19.2	18.7	28.1
277	25.1	20.4	30.6



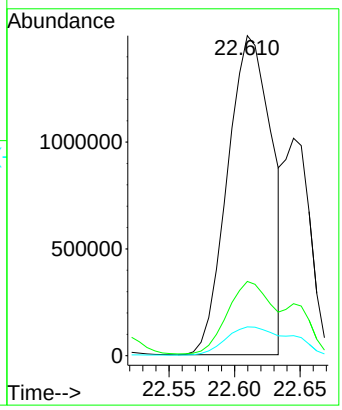
Instrument :
BNA_P
ClientSampleId :
B-6(7-9)

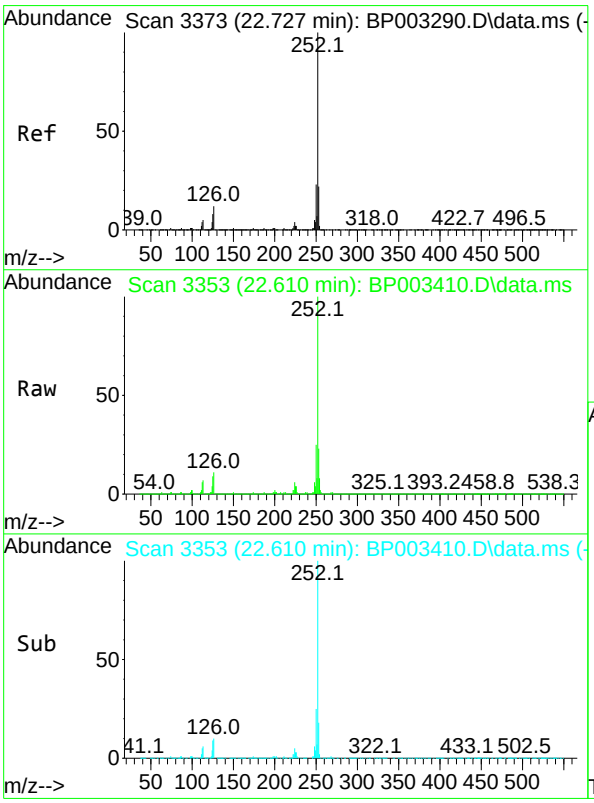


#88
Benzo(b)fluoranthene
Concen: 79.54 ng
RT: 22.610 min Scan# 3353
Delta R.T. 0.000 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:252 Resp: 3476517

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	9.0	7.3	10.9

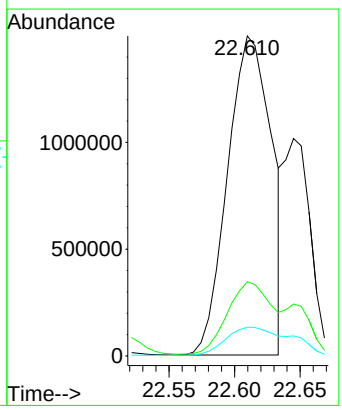




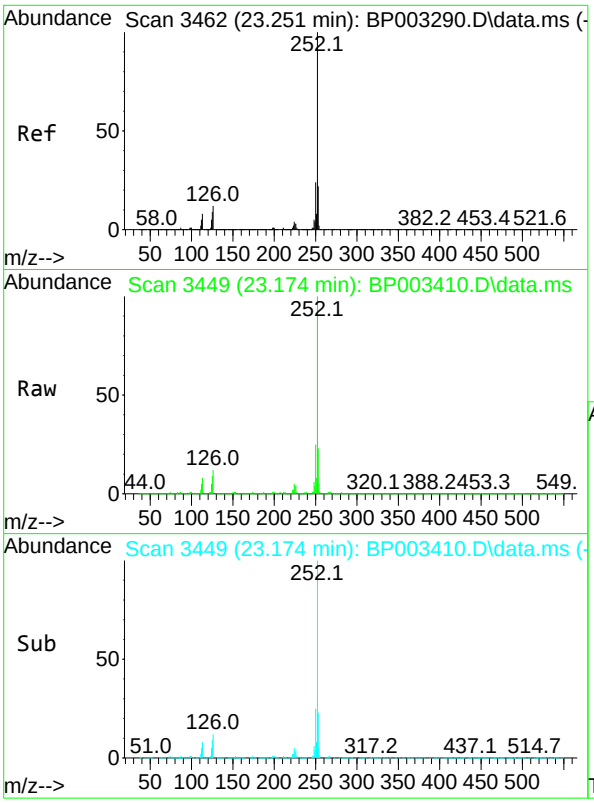
#89
Benzo(k)fluoranthene
Concen: 82.99 ng
RT: 22.610 min Scan# 3353
Delta R.T. -0.041 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:252 Resp: 3476517

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	9.0	7.4	11.2



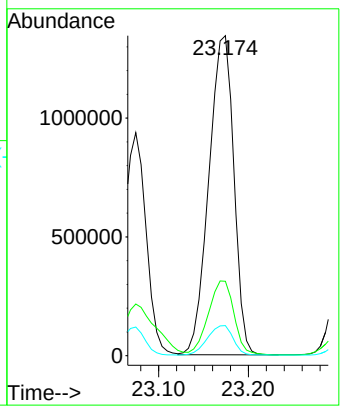
Instrument :
BNA_P
ClientSampleId :
B-6(7-9)

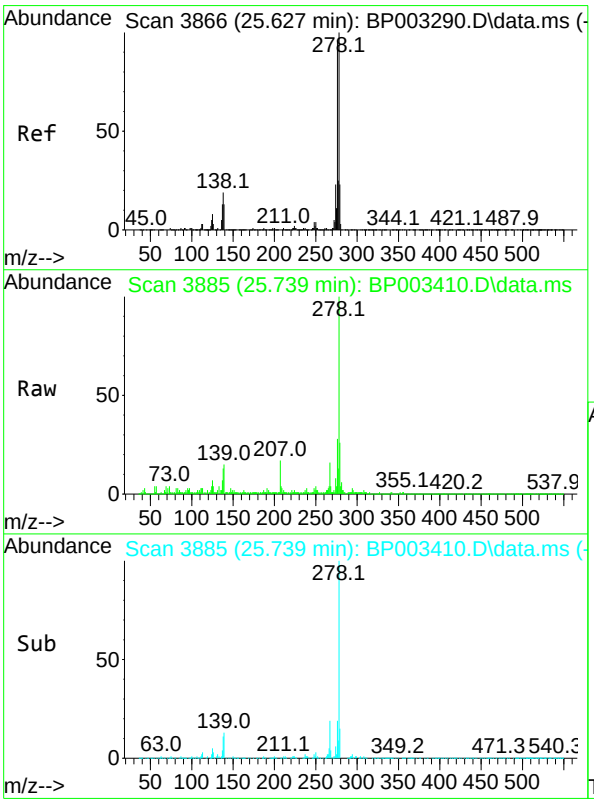


#90
Benzo(a)pyrene
Concen: 63.11 ng
RT: 23.174 min Scan# 3449
Delta R.T. 0.000 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:252 Resp: 2601156

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	9.4	8.2	12.4

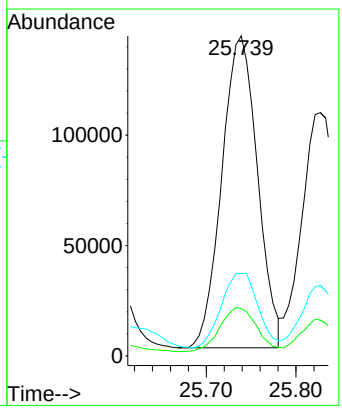


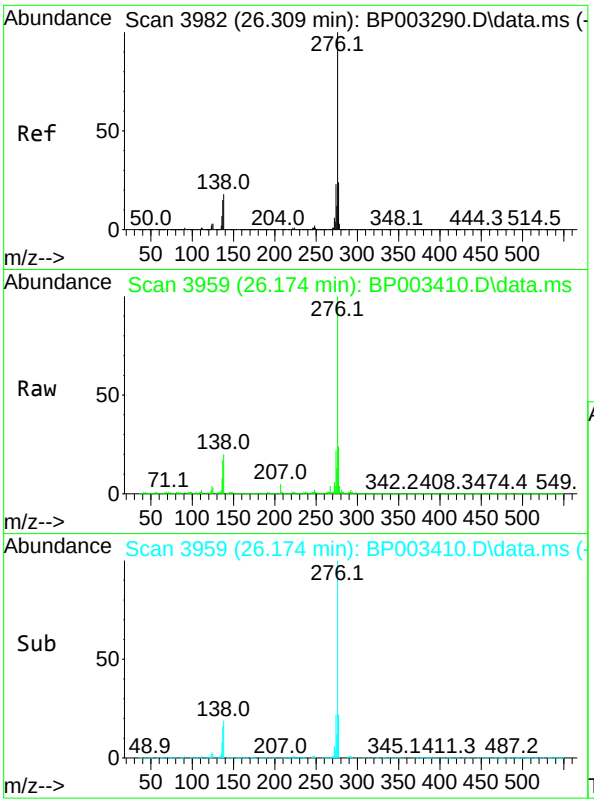


#91
Dibenzo(a,h)anthracene
Concen: 9.00 ng
RT: 25.739 min Scan# 3885
Delta R.T. 0.230 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:278 Resp: 389582

Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.4	18.6
279	25.8	19.0	28.6

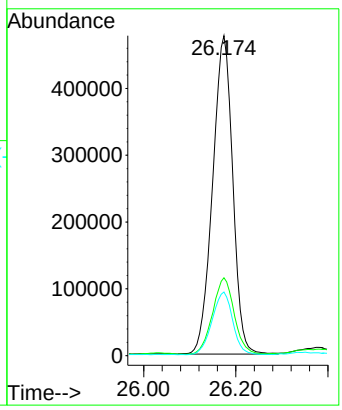




#92
Benzo(g,h,i)perylene
Concen: 33.32 ng
RT: 26.174 min Scan# 3959
Delta R.T. -0.012 min
Lab File: BP003410.D
Acq: 29 Sep 2020 21:20

Tgt Ion:276 Resp: 1440061

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.6
138	19.9	16.6	24.8



Instrument :
BNA_P
ClientSampleId :
B-6(7-9)