Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003400.D
Acq On : 29 Sep 2020 15:39
Operator : CG/JU
Sample : L4172-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-8(13-14)

Quant Time: Sep 29 18:01:20 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

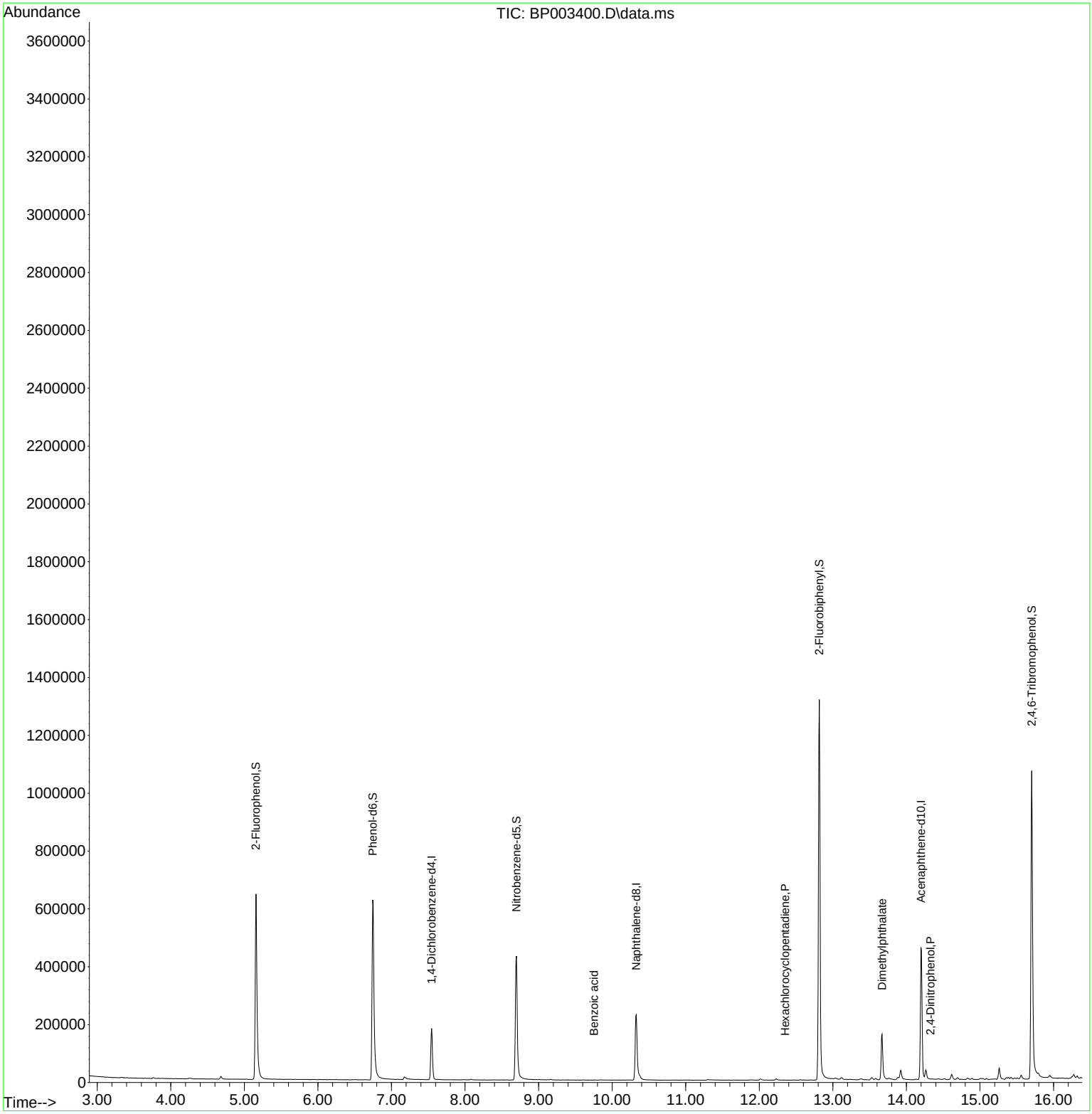
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	50096	20.00	ng	0.00
21) Naphthalene-d8	10.328	136	224512	20.00	ng	# 0.00
39) Acenaphthene-d10	14.198	164	162486	20.00	ng	-0.01
64) Phenanthrene-d10	16.957	188	394940	20.00	ng	# 0.00
76) Chrysene-d12	21.063	240	493748	20.00	ng	-0.01
86) Perylene-d12	23.251	264	582089	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.158	112	344848	120.20	ng	0.00
7) Phenol-d6	6.746	99	477834	124.95	ng	0.00
23) Nitrobenzene-d5	8.698	82	305663	79.98	ng	0.00
42) 2,4,6-Tribromophenol	15.704	330	230105	92.85	ng	0.00
45) 2-Fluorobiphenyl	12.816	172	716488	64.49	ng	0.00
79) Terphenyl-d14	19.539	244	1225463	51.71	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	9.751	122	38	9.17	ng	# 2
41) Hexachlorocyclopentadiene	12.351	237	13	6.85	ng	# 51
50) Dimethylphthalate	13.669	163	121801	9.39	ng	99
54) 2,4-Dinitrophenol	14.328	184	36	7.28	ng	# 1
70) Pentachlorophenol	16.551	266	37	6.78	ng	98
71) Phenanthrene	16.998	178	350855	16.33	ng	100
72) Anthracene	17.092	178	97140	4.59	ng	99
75) Fluoranthene	18.986	202	687124	25.43	ng	99
78) Pyrene	19.333	202	579950	18.83	ng	100
81) Benzo(a)anthracene	21.045	228	353611	11.08	ng	100
83) Chrysene	21.098	228	289778	9.45	ng	97
87) Indeno(1,2,3-cd)pyrene	25.474	276	225775	5.12	ng	95
88) Benzo(b)fluoranthene	22.598	252	556846	15.15	ng	98
89) Benzo(k)fluoranthene	22.598	252	556846	15.81	ng	99
90) Benzo(a)pyrene	23.157	252	311064	8.97	ng	98
92) Benzo(g,h,i)perylene	26.151	276	211319	5.81	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003400.D
Acq On : 29 Sep 2020 15:39
Operator : CG/JU
Sample : L4172-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-8(13-14)

Quant Time: Sep 29 18:01:20 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 : BP003400.D
Acq On : 29 Sep 2020 15:39
Operator : CG/JU
Sample : L4172-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-8(13-14)

Quant Time: Sep 29 18:01:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
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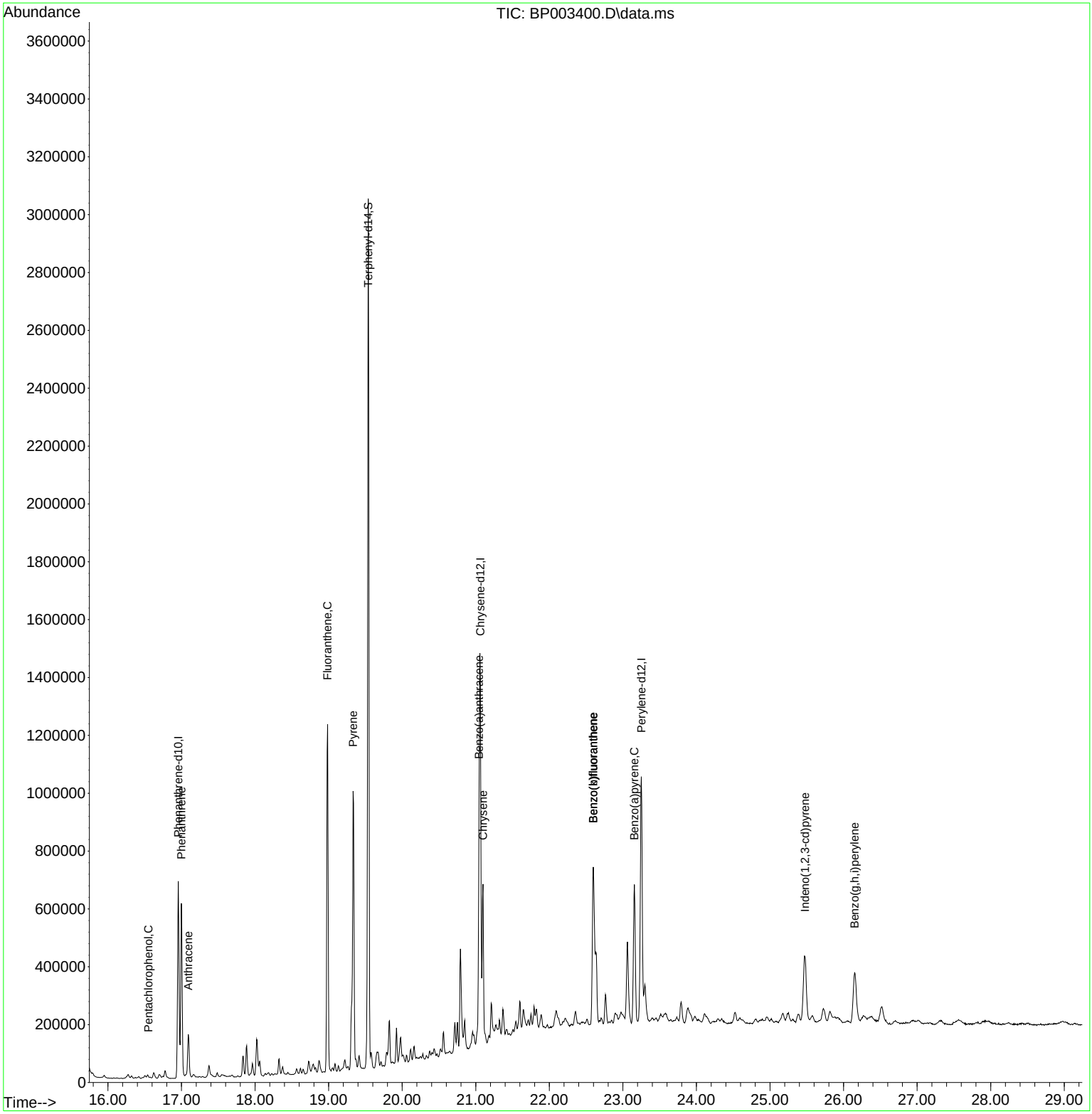
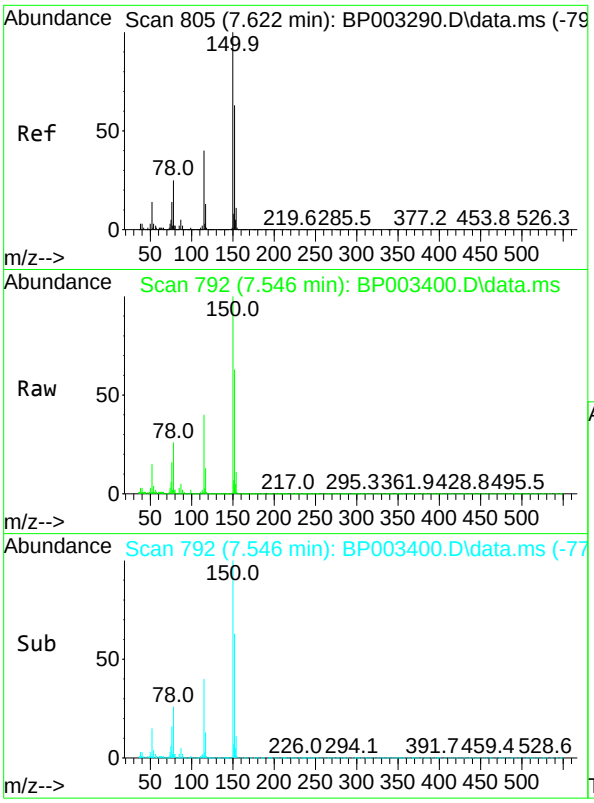


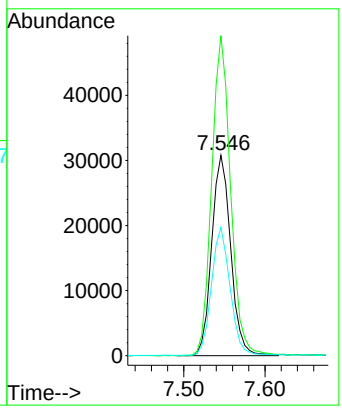
Instrument :
BNA_P
ClientSampleId :
B-8(13-14)

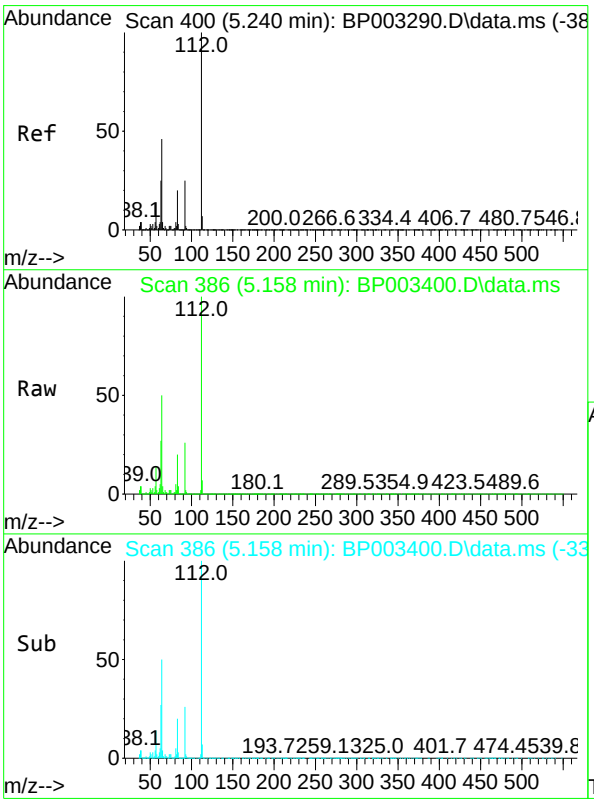


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.546 min Scan# 792
Delta R.T. -0.000 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:152 Resp: 50096

Ion	Ratio	Lower	Upper
152	100		
150	159.7	123.8	185.6
115	64.1	43.8	65.6

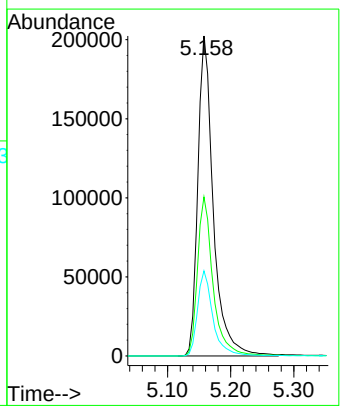




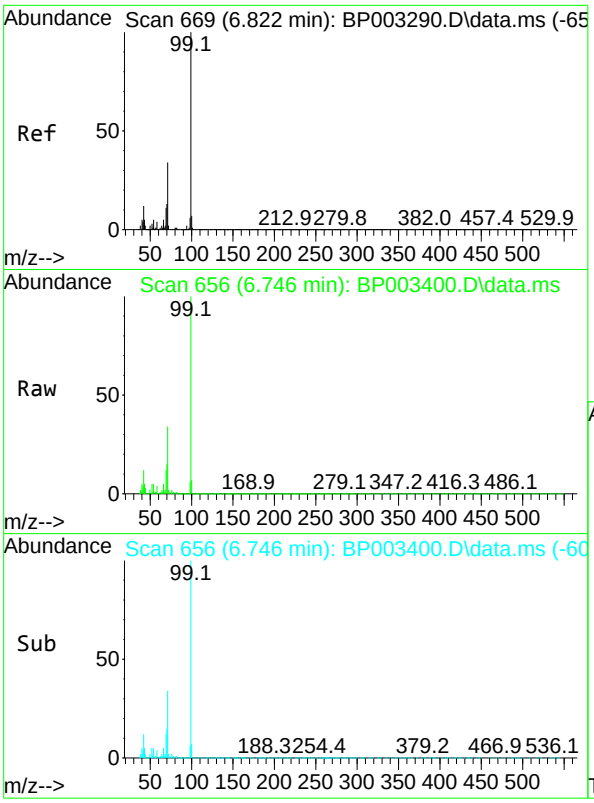
#5
2-Fluorophenol
Concen: 120.20 ng
RT: 5.158 min Scan# 386
Delta R.T. -0.006 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:112 Resp: 344848

Ion	Ratio	Lower	Upper
112	100		
64	49.7	32.8	49.2#
63	26.6	17.0	25.4#



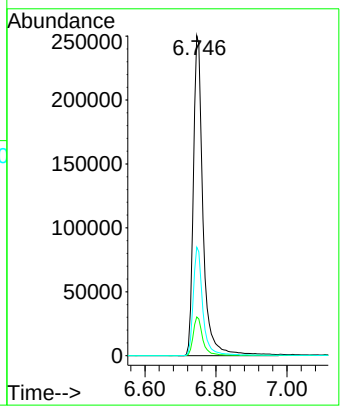
Instrument :
BNA_P
ClientSampleId :
B-8(13-14)

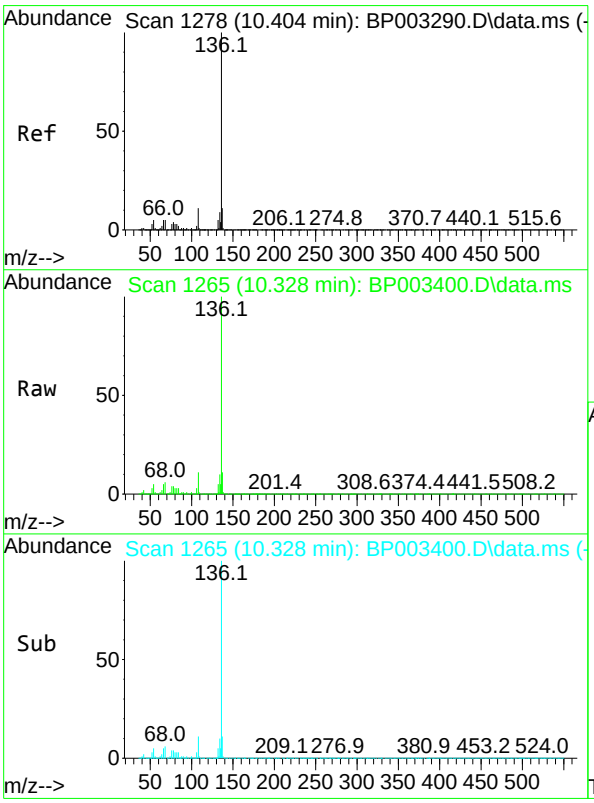


#7
Phenol-d6
Concen: 124.95 ng
RT: 6.746 min Scan# 656
Delta R.T. -0.006 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion: 99 Resp: 477834

Ion	Ratio	Lower	Upper
99	100		
42	12.1	8.6	13.0
71	33.9	23.4	35.2

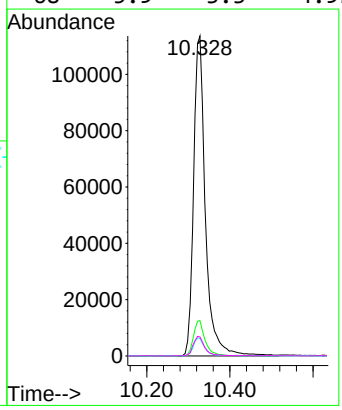




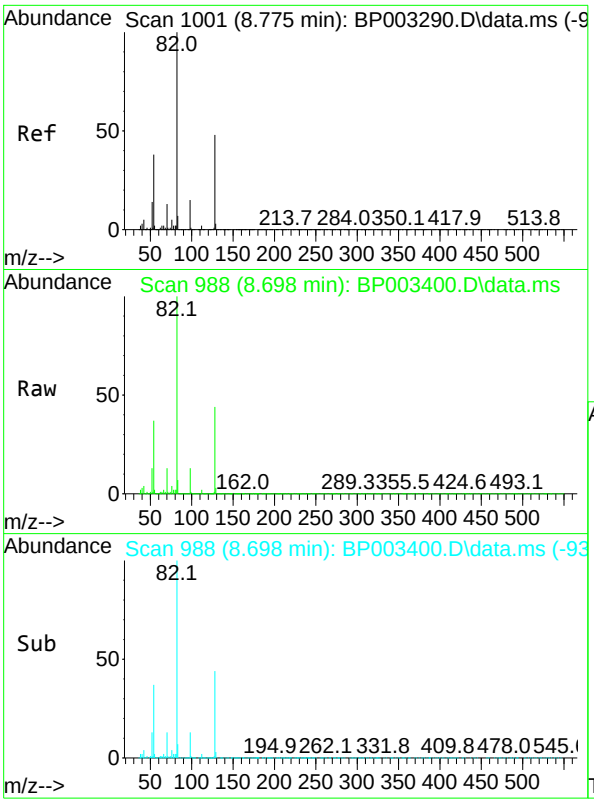
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.328 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:136 Resp: 224512

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.5	3.6	5.4#
68	5.9	3.3	4.9#



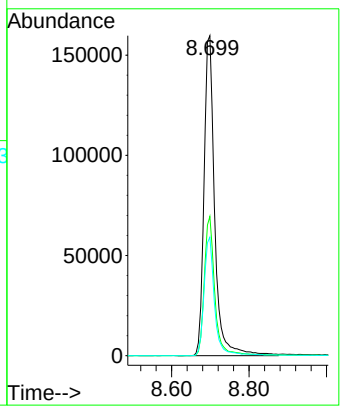
Instrument :
BNA_P
ClientSampleId :
B-8(13-14)

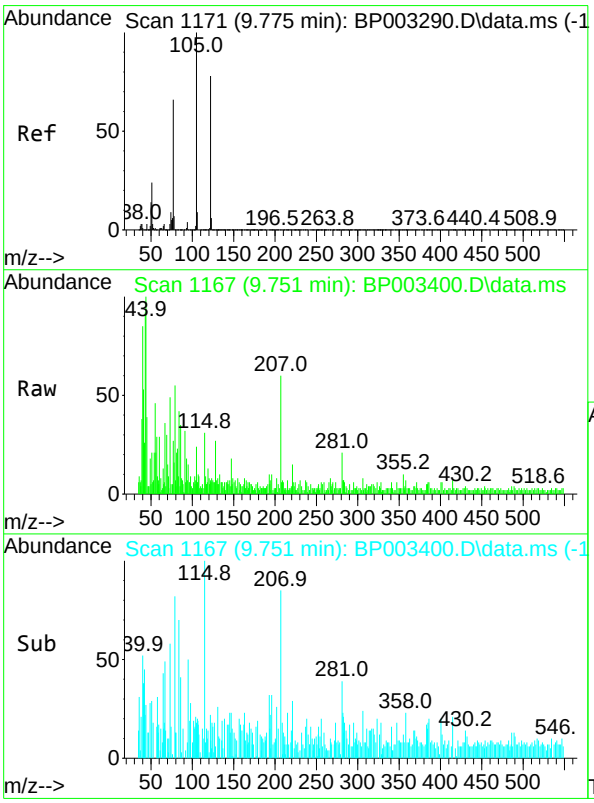


#23
Nitrobenzene-d5
Concen: 79.98 ng
RT: 8.698 min Scan# 988
Delta R.T. -0.006 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion: 82 Resp: 305663

Ion	Ratio	Lower	Upper
82	100		
128	43.5	45.6	68.4#
54	37.0	30.1	45.1

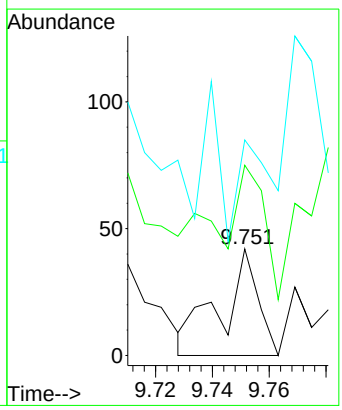




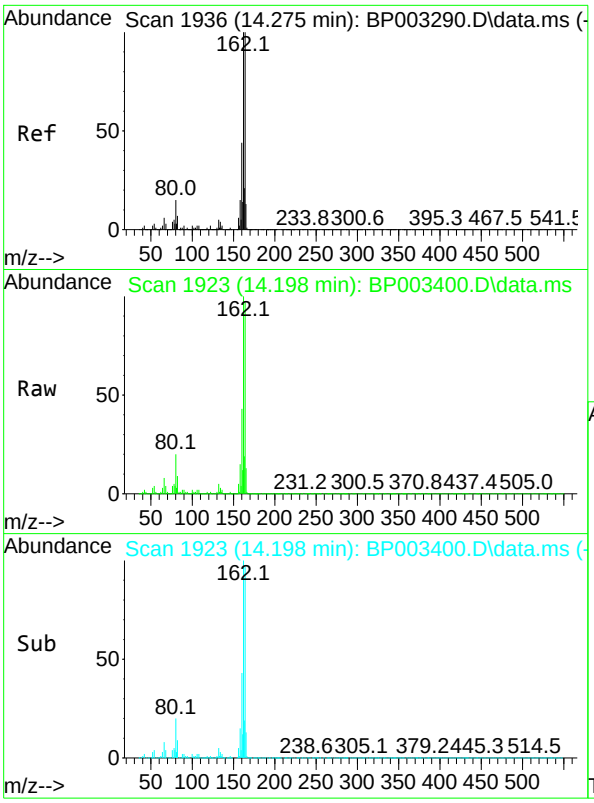
#32
Benzoic acid
Concen: 9.17 ng
RT: 9.751 min Scan# 1167
Delta R.T. 0.018 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:122 Resp: 38

Ion	Ratio	Lower	Upper
122	100		
105	178.6	94.1	134.1#
77	202.4	50.1	90.1#



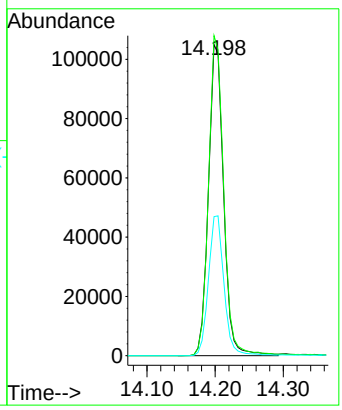
Instrument :
BNA_P
ClientSampleId :
B-8(13-14)

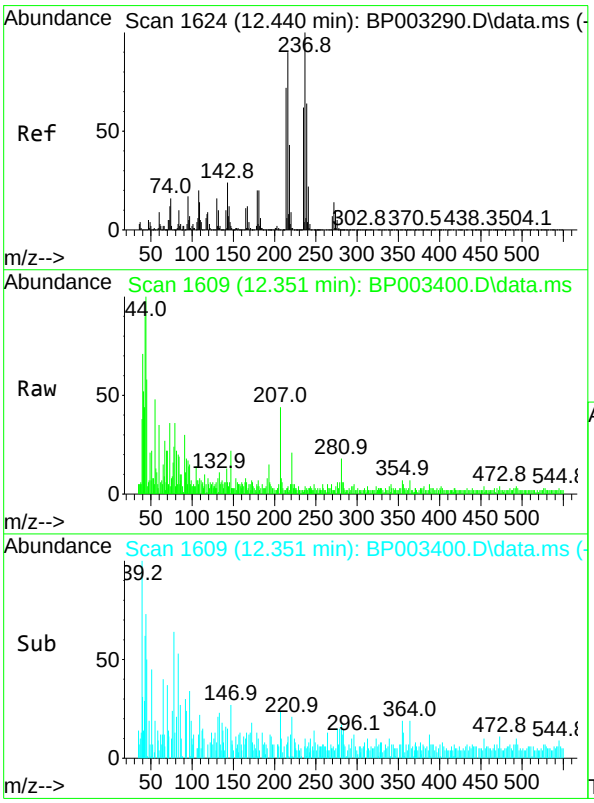


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.198 min Scan# 1923
Delta R.T. -0.012 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:164 Resp: 162486

Ion	Ratio	Lower	Upper
164	100		
162	102.9	79.4	119.2
160	44.7	36.1	54.1

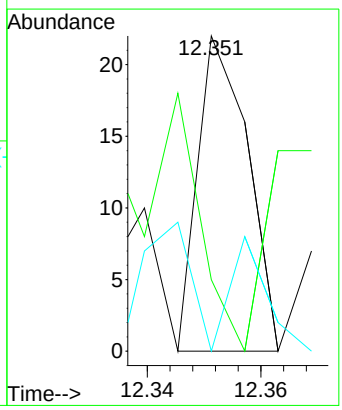




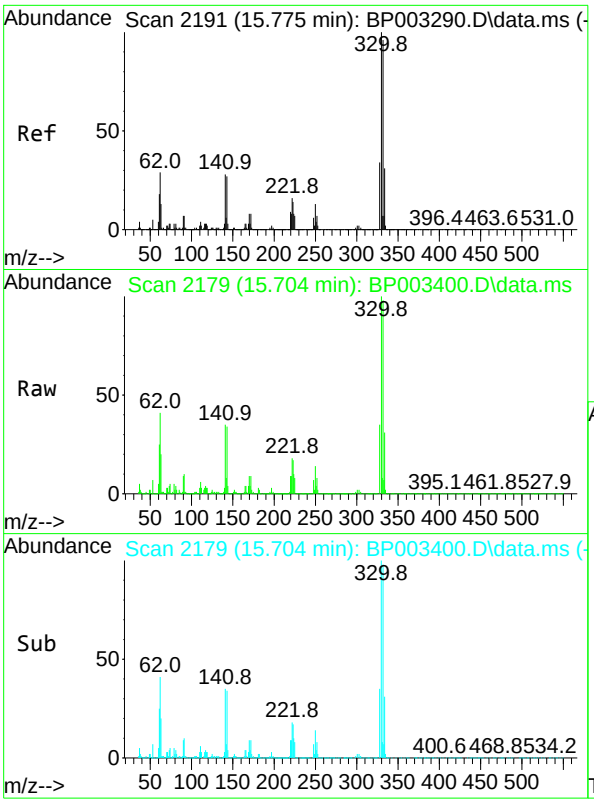
#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.351 min Scan# 1609
Delta R.T. -0.018 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:237 Resp: 13

Ion	Ratio	Lower	Upper
237	100		
235	22.7	43.2	83.2#
272	0.0	0.0	33.3



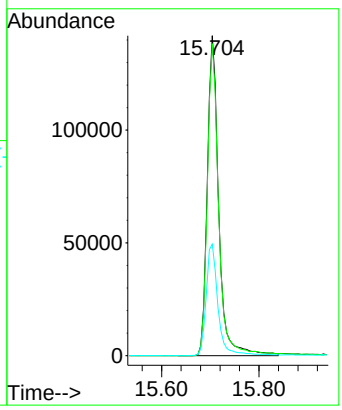
Instrument :
BNA_P
ClientSampleId :
B-8(13-14)

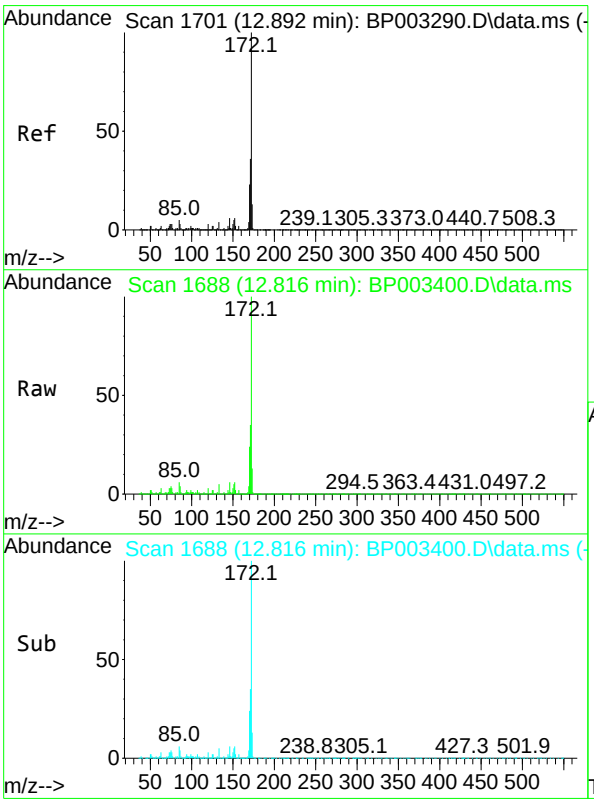


#42
2,4,6-Tribromophenol
Concen: 92.85 ng
RT: 15.704 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:330 Resp: 230105

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.1	115.7
141	36.4	23.4	35.2#

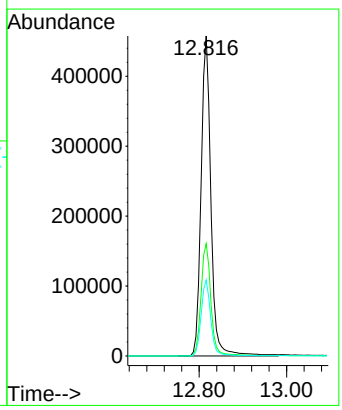




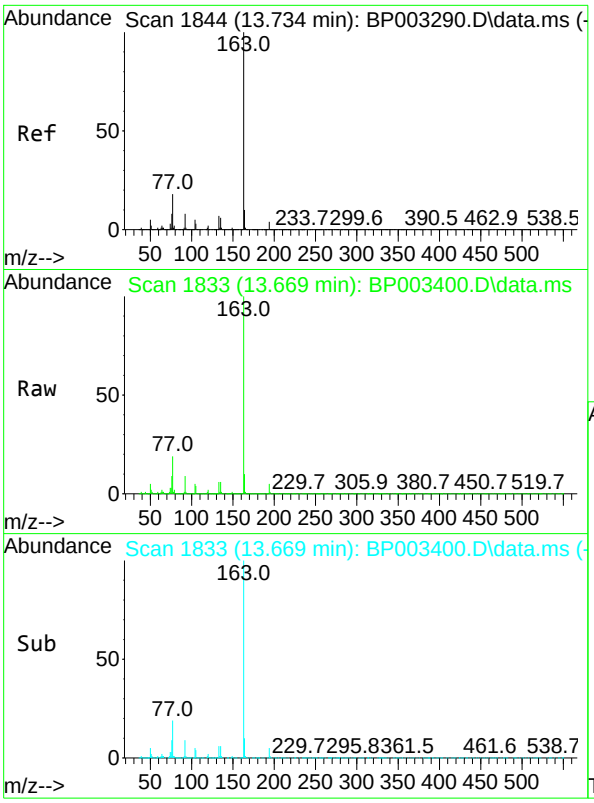
#45
2-Fluorobiphenyl
Concen: 64.49 ng
RT: 12.816 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:172 Resp: 716488

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.7	19.2	28.8



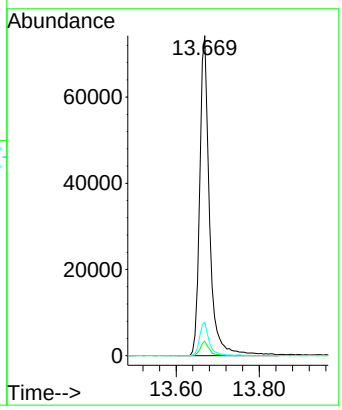
Instrument :
BNA_P
ClientSampleId :
B-8(13-14)

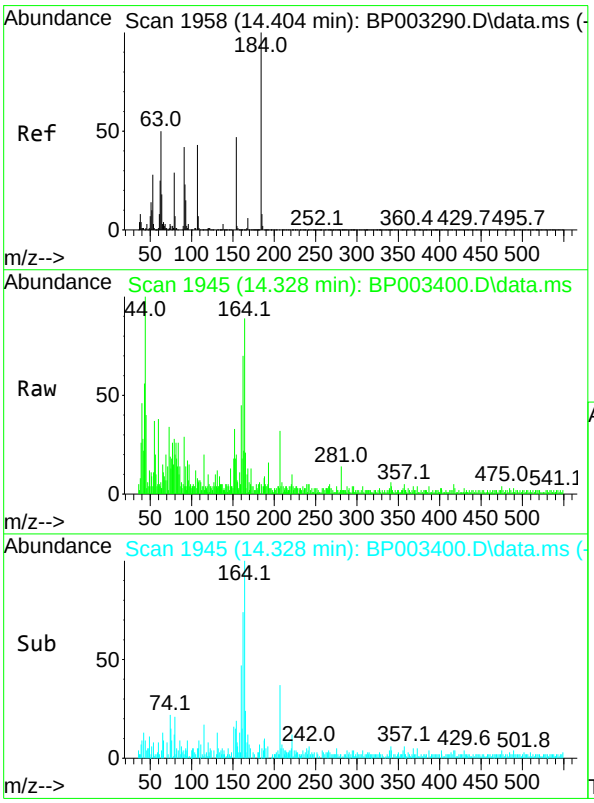


#50
Dimethylphthalate
Concen: 9.39 ng
RT: 13.669 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:163 Resp: 121801

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.3	4.9
164	10.4	8.2	12.2

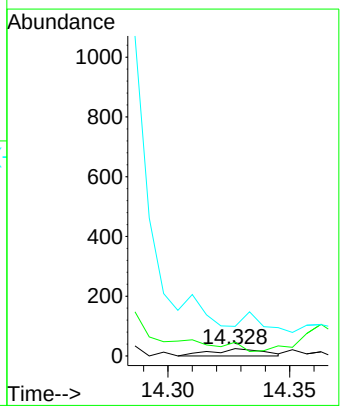




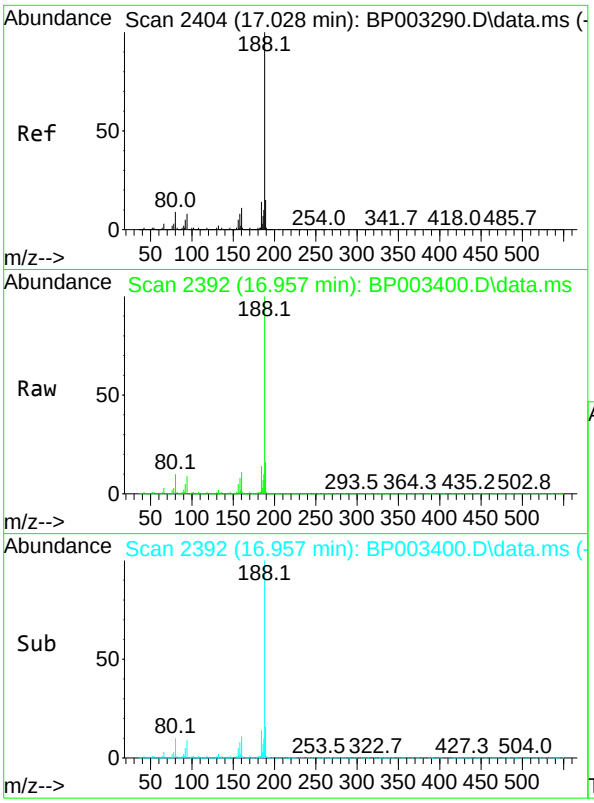
#54
2,4-Dinitrophenol
Concen: 7.28 ng
RT: 14.328 min Scan# 1945
Delta R.T. -0.029 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:184 Resp: 36

Ion	Ratio	Lower	Upper
184	100		
63	184.0	32.3	48.5#
154	396.0	49.1	73.7#



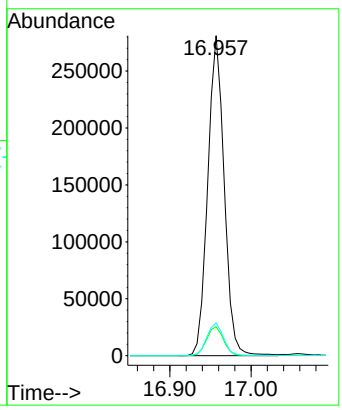
Instrument :
BNA_P
ClientSampleId :
B-8(13-14)

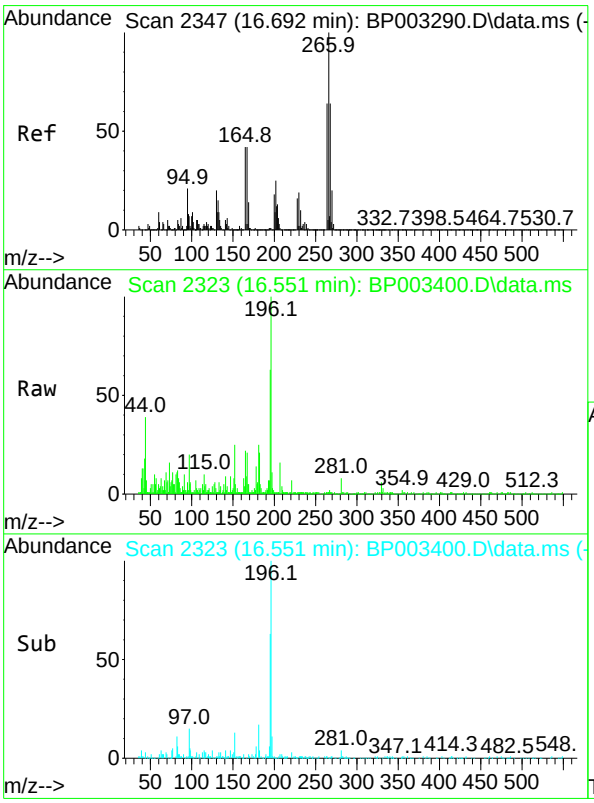


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.957 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:188 Resp: 394940

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.2	9.2
80	10.3	6.2	9.2#

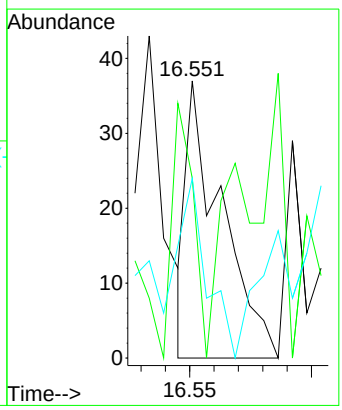




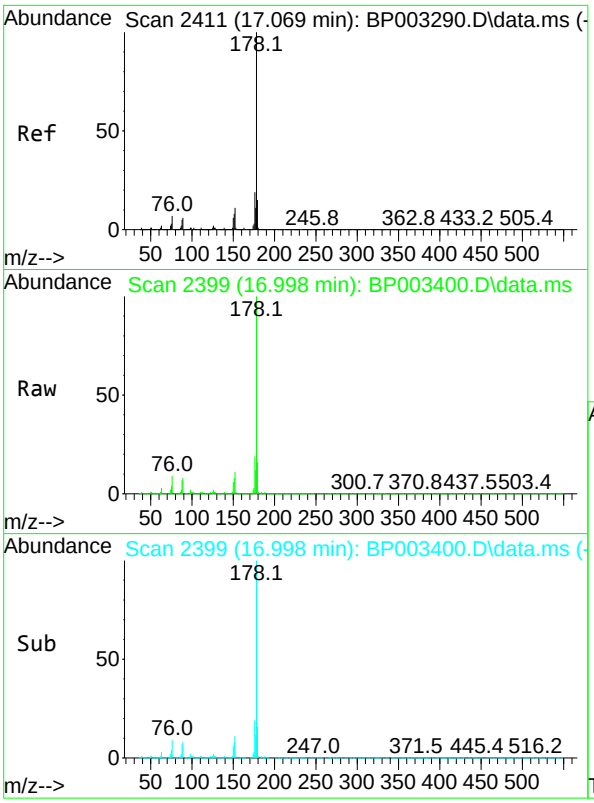
#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.551 min Scan# 2323
Delta R.T. -0.088 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:266 Resp: 37

Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.1	76.7
264	64.9	50.6	76.0



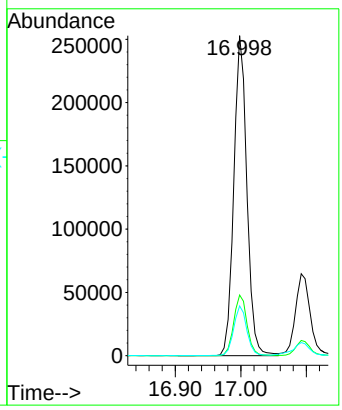
Instrument :
BNA_P
ClientSampleId :
B-8(13-14)

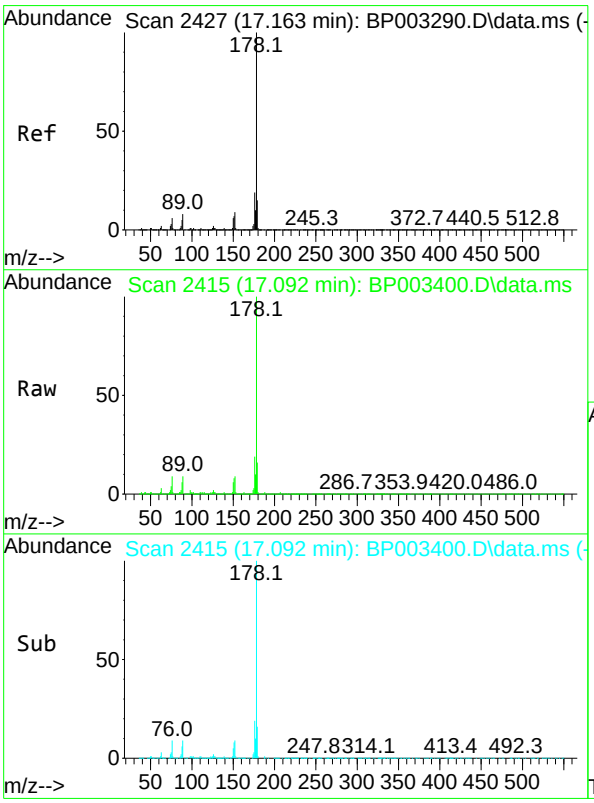


#71
Phenanthrene
Concen: 16.33 ng
RT: 16.998 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:178 Resp: 350855

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.6	12.5	18.7

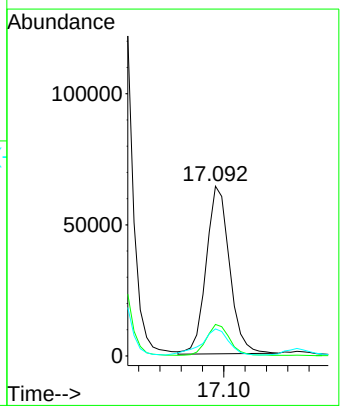




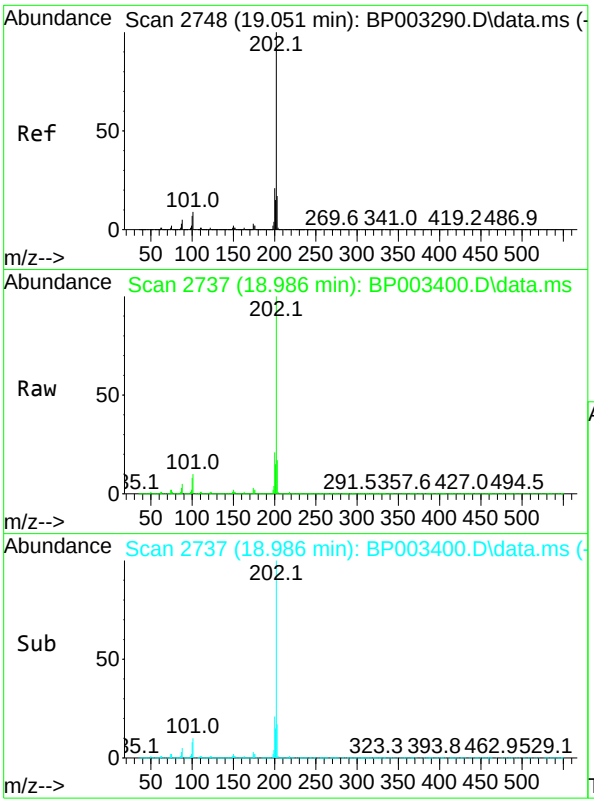
#72
Anthracene
Concen: 4.59 ng
RT: 17.092 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:178 Resp: 97140

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.9	12.5	18.7



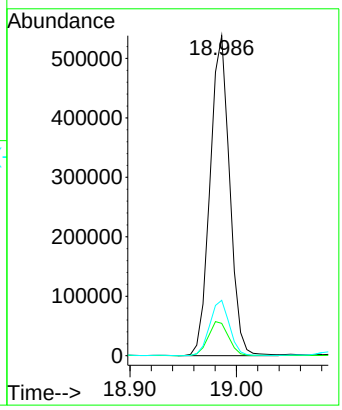
Instrument :
BNA_P
ClientSampleId :
B-8(13-14)

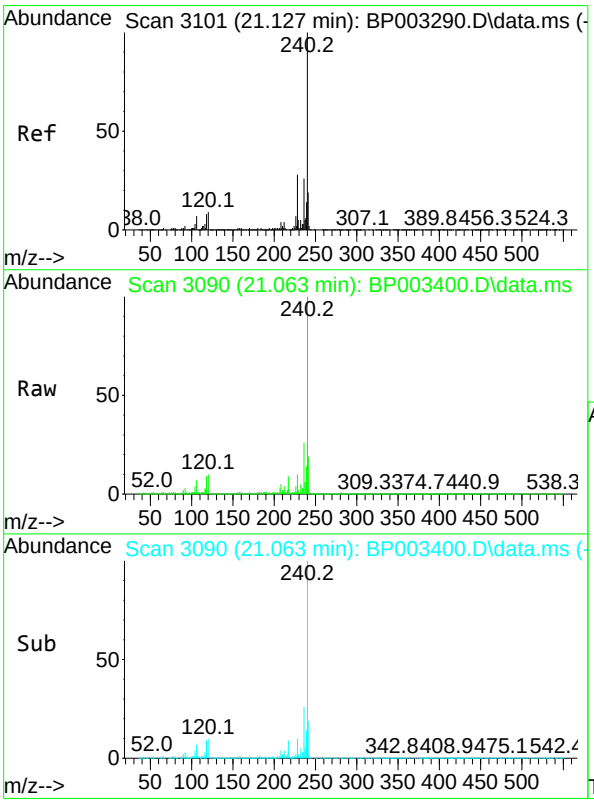


#75
Fluoranthene
Concen: 25.43 ng
RT: 18.986 min Scan# 2737
Delta R.T. -0.006 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:202 Resp: 687124

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	29.4
203	17.3	0.0	37.8

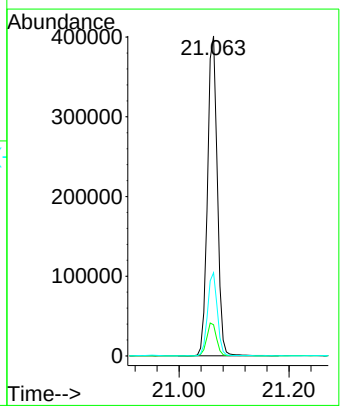




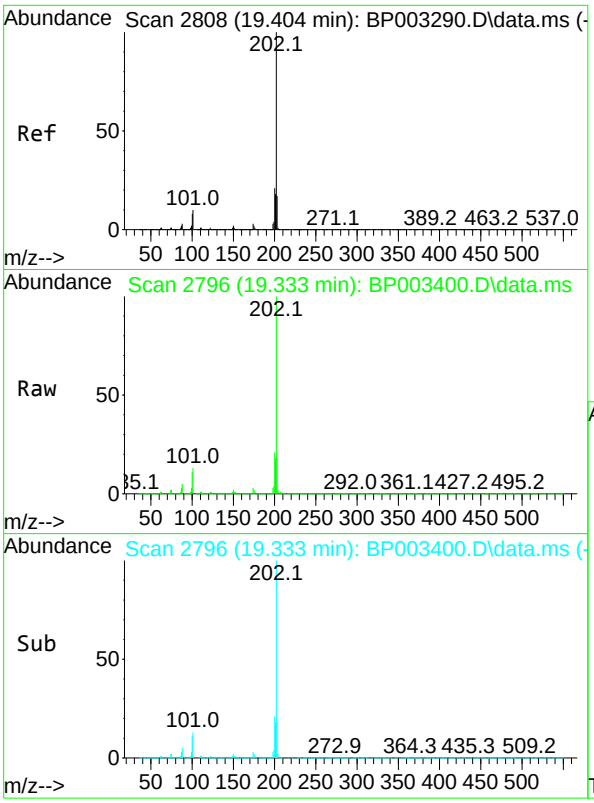
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.063 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:240 Resp: 493748

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.8	11.6
236	26.0	20.8	31.2



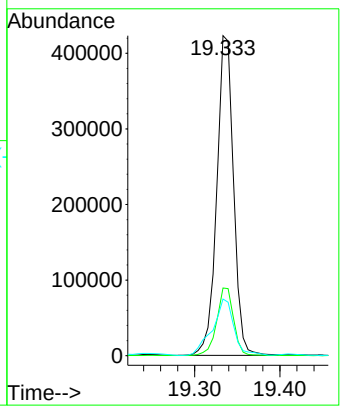
Instrument :
BNA_P
ClientSampleId :
B-8(13-14)

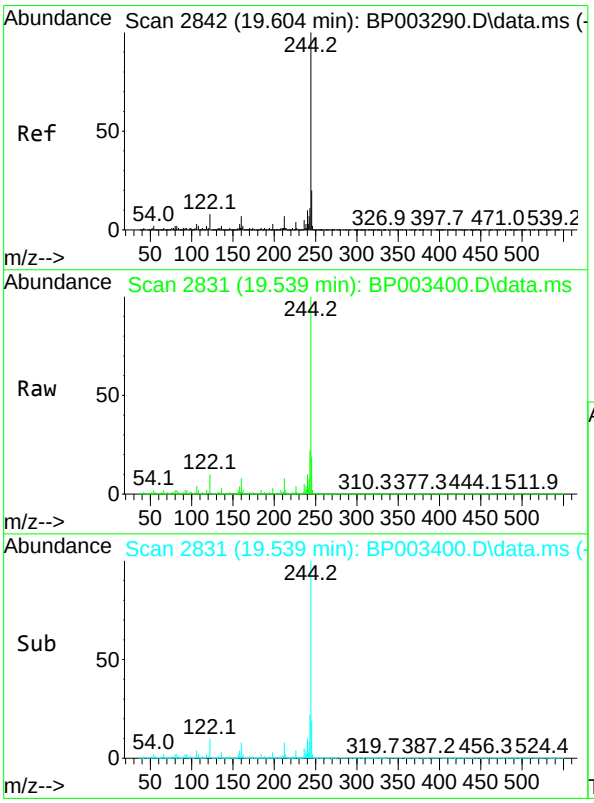


#78
Pyrene
Concen: 18.83 ng
RT: 19.333 min Scan# 2796
Delta R.T. -0.012 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:202 Resp: 579950

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	17.7	14.2	21.2

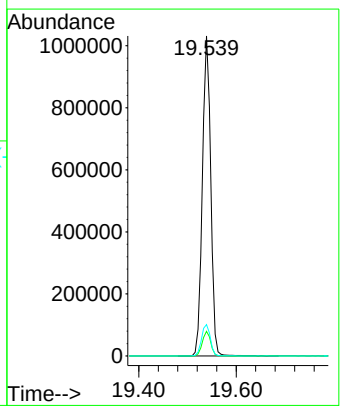




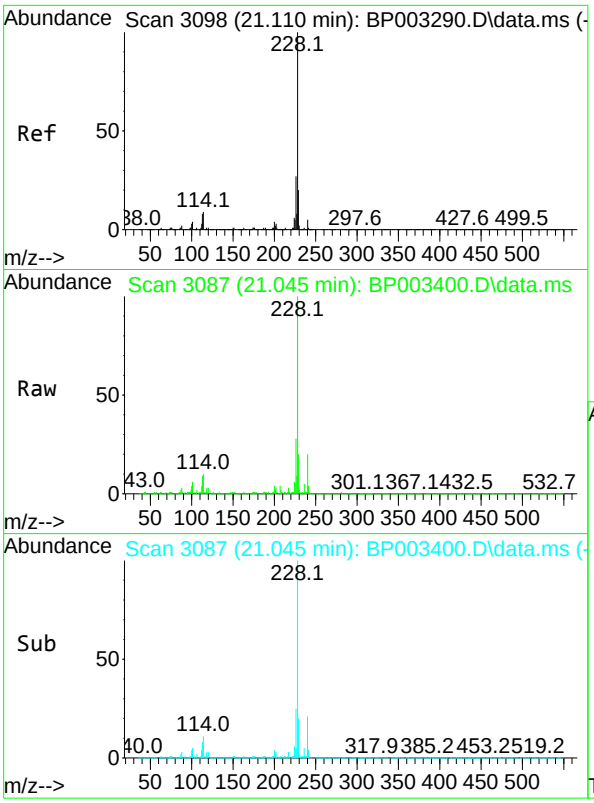
#79
Terphenyl-d14
Concen: 51.71 ng
RT: 19.539 min Scan# 2831
Delta R.T. -0.012 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:244 Resp: 1225463

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	9.8	7.8	11.8



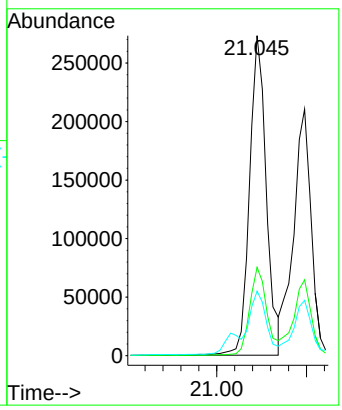
Instrument :
BNA_P
ClientSampleId :
B-8(13-14)

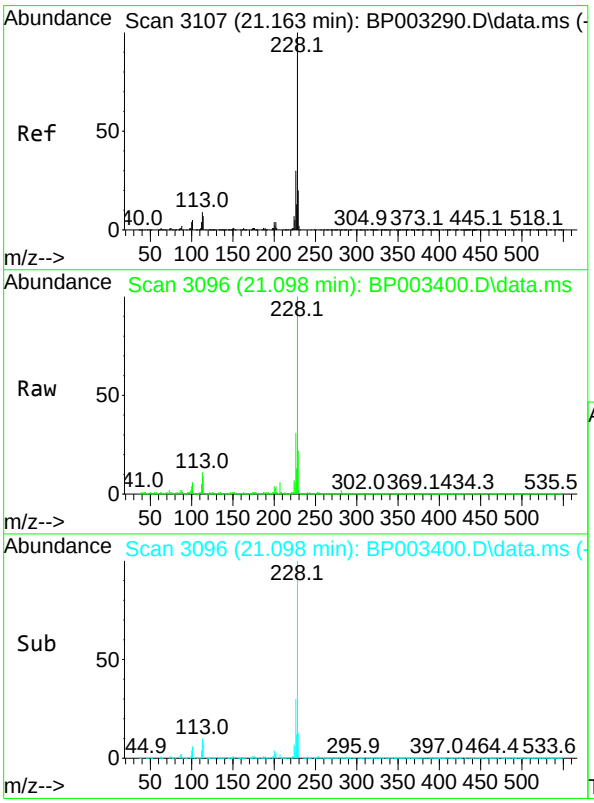


#81
Benzo(a)anthracene
Concen: 11.08 ng
RT: 21.045 min Scan# 3087
Delta R.T. -0.012 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:228 Resp: 353611

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	20.1	15.9	23.9

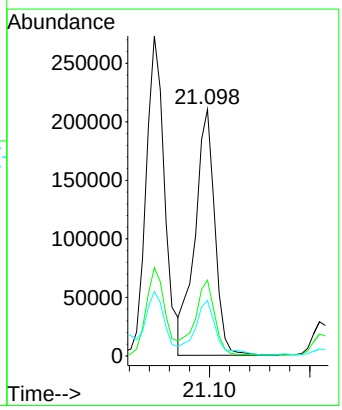




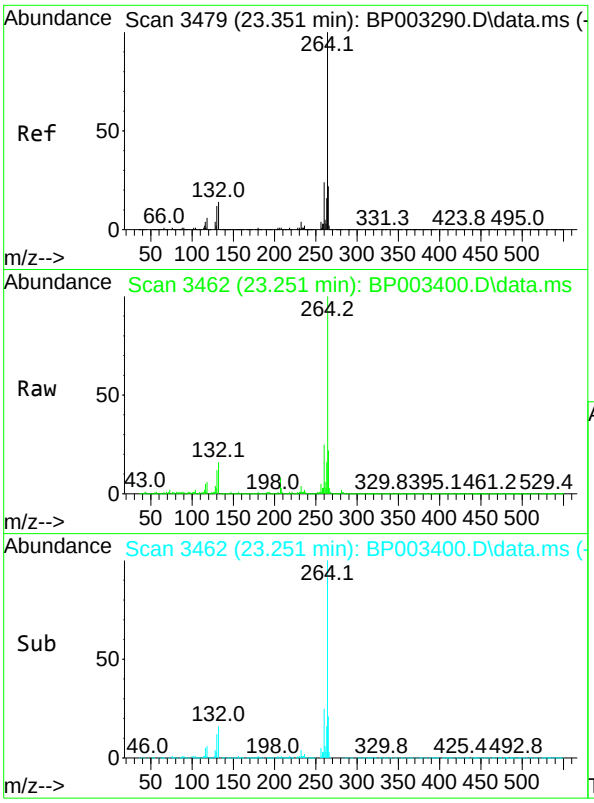
#83
Chrysene
Concen: 9.45 ng
RT: 21.098 min Scan# 3096
Delta R.T. -0.012 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:228 Resp: 289778

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	22.5	15.8	23.6



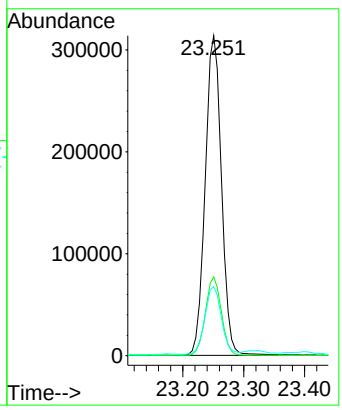
Instrument :
BNA_P
ClientSampleId :
B-8(13-14)

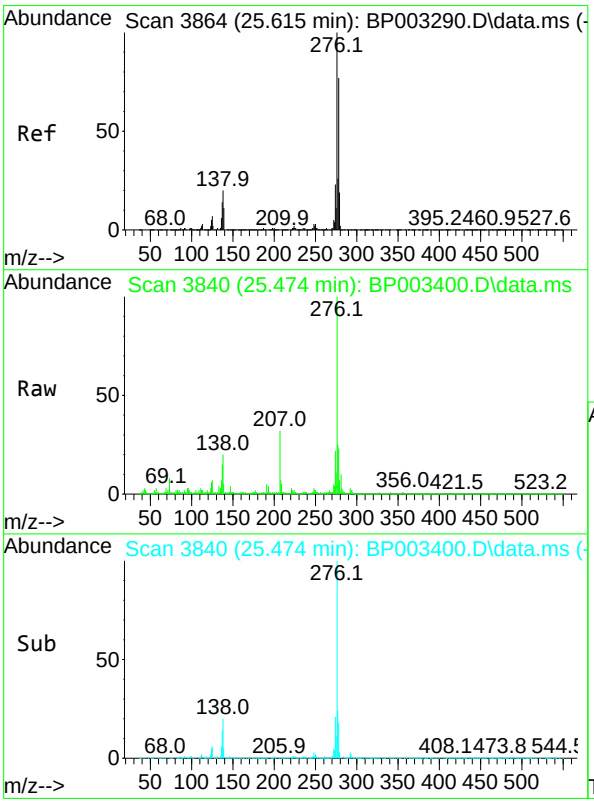


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.251 min Scan# 3462
Delta R.T. -0.012 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:264 Resp: 582089

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.8	28.2
265	21.5	17.4	26.2

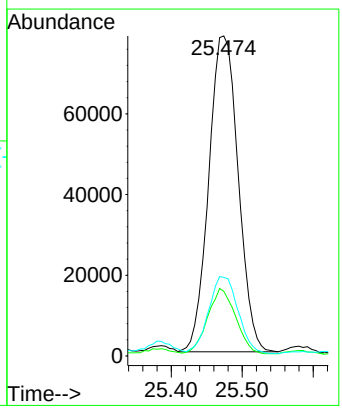




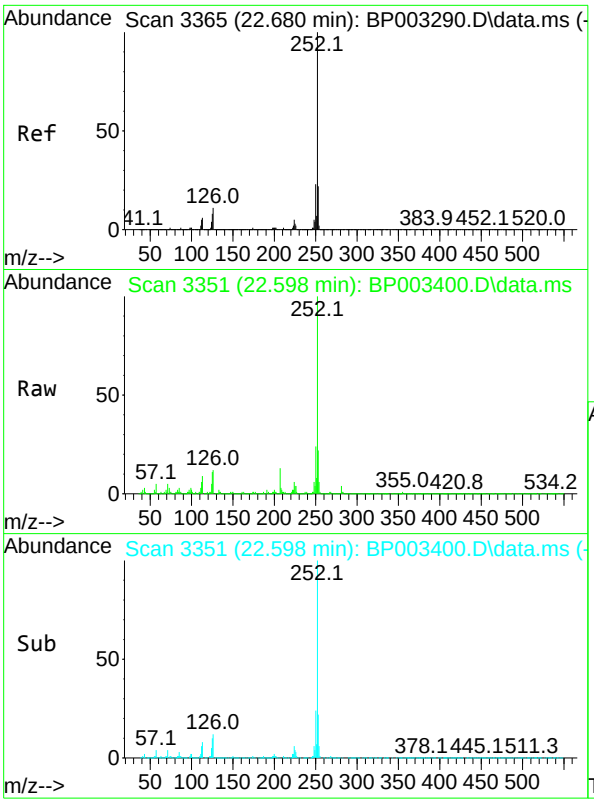
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.12 ng
RT: 25.474 min Scan# 3840
Delta R.T. -0.029 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:276 Resp: 225775

Ion	Ratio	Lower	Upper
276	100		
138	19.7	18.7	28.1
277	24.3	20.4	30.6



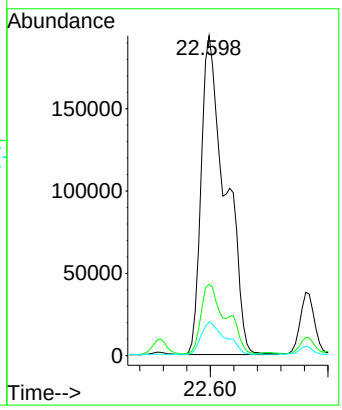
Instrument :
BNA_P
ClientSampleId :
B-8(13-14)

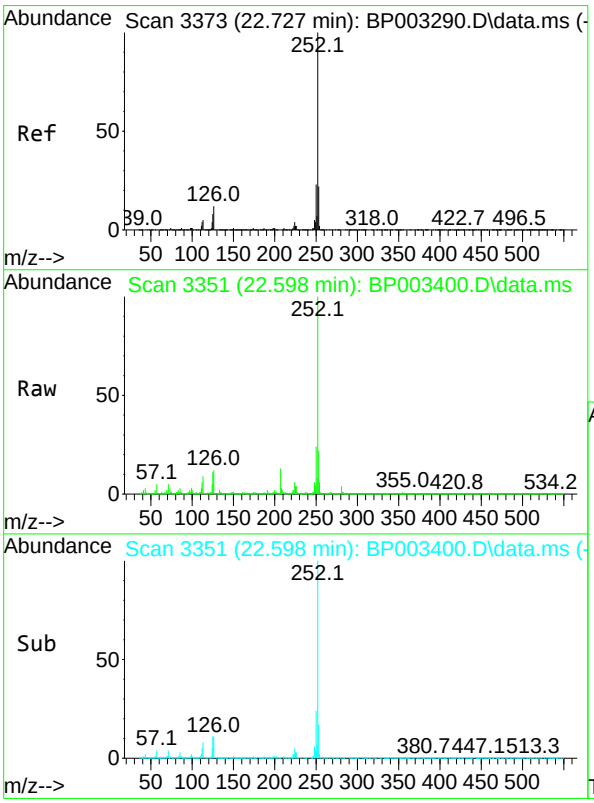


#88
Benzo(b)fluoranthene
Concen: 15.15 ng
RT: 22.598 min Scan# 3351
Delta R.T. -0.012 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:252 Resp: 556846

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	10.6	7.3	10.9

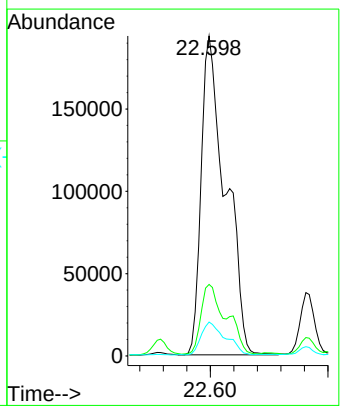




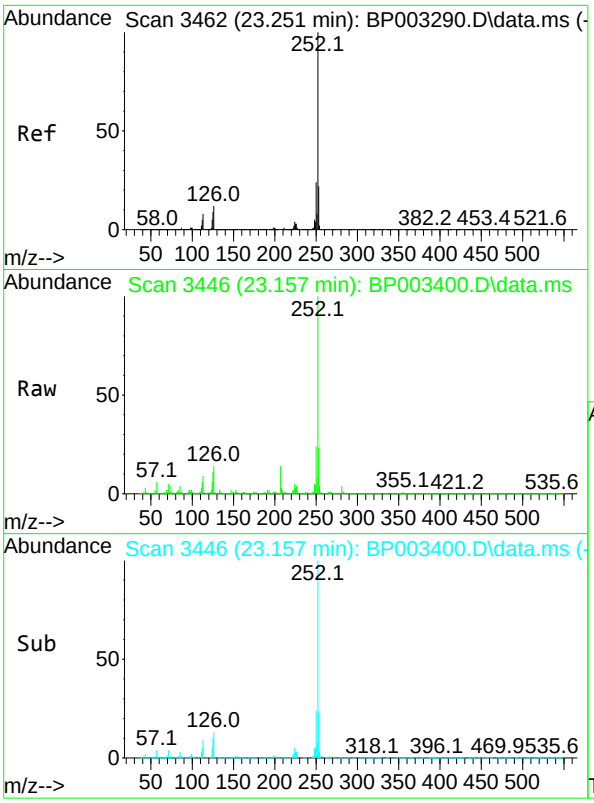
#89
Benzo(k)fluoranthene
Concen: 15.81 ng
RT: 22.598 min Scan# 3351
Delta R.T. -0.053 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:252 Resp: 556846

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.6	7.4	11.2



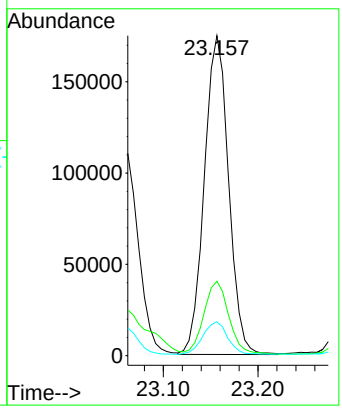
Instrument :
BNA_P
ClientSampleId :
B-8(13-14)

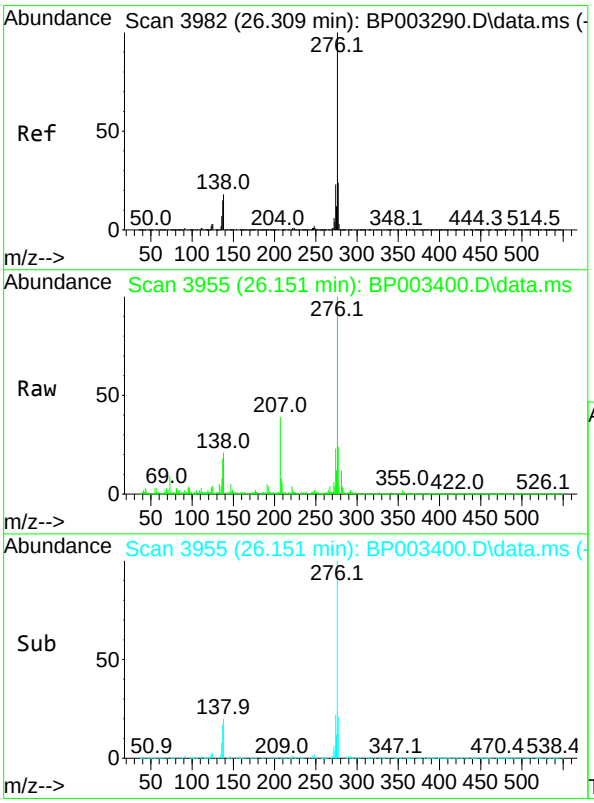


#90
Benzo(a)pyrene
Concen: 8.97 ng
RT: 23.157 min Scan# 3446
Delta R.T. -0.018 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:252 Resp: 311064

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	10.6	8.2	12.4





#92
Benzo(g,h,i)perylene
Concen: 5.81 ng
RT: 26.151 min Scan# 3955
Delta R.T. -0.035 min
Lab File: BP003400.D
Acq: 29 Sep 2020 15:39

Tgt Ion:276 Resp: 211319

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.6
138	21.0	16.6	24.8