Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003418.D
Acq On : 30 Sep 2020 17:47
Operator : CG/JU
Sample : L4179-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-10(12-14)

Quant Time: Sep 30 18:22:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 30 17:14:02 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	131645	20.00	ng	0.00
21) Naphthalene-d8	10.316	136	544797	20.00	ng	# 0.00
39) Acenaphthene-d10	14.192	164	342822	20.00	ng	0.00
64) Phenanthrene-d10	16.945	188	745258	20.00	ng	# 0.00
76) Chrysene-d12	21.063	240	779829	20.00	ng	0.00
86) Perylene-d12	23.280	264	763266	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.152	112	719430	95.43	ng	0.00
7) Phenol-d6	6.740	99	955557	95.09	ng	0.00
23) Nitrobenzene-d5	8.687	82	643939	69.44	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	388915	74.38	ng	0.00
45) 2-Fluorobiphenyl	12.810	172	1409288	60.12	ng	0.00
79) Terphenyl-d14	19.533	244	2031518	54.28	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.704	122	19	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.457	237	14	6.84	ng	89
49) Acenaphthylene	13.910	152	84570	2.61	ng	99
50) Dimethylphthalate	13.657	163	186693	6.82	ng	99
52) Acenaphthene	14.257	154	44783	2.27	ng	98
54) 2,4-Dinitrophenol	14.334	184	42	7.27	ng	# 1
58) Fluorene	15.251	166	60273	2.43	ng	99
70) Pentachlorophenol	16.539	266	30	6.78	ng	94
71) Phenanthrene	16.992	178	1026374	25.31	ng	99
72) Anthracene	17.080	178	292396	7.32	ng	99
73) Carbazole	17.363	167	92495	2.44	ng	98
75) Fluoranthene	18.980	202	2347004	46.03	ng	100
78) Pyrene	19.333	202	1978409	40.68	ng	100
81) Benzo(a)anthracene	21.045	228	1247796	24.75	ng	99
83) Chrysene	21.098	228	990333	20.45	ng	98
87) Indeno(1,2,3-cd)pyrene	25.556	276	616661	10.66	ng	# 93
88) Benzo(b)fluoranthene	22.610	252	1757977	36.47	ng	99
89) Benzo(k)fluoranthene	22.610	252	1757977	38.06	ng	99
90) Benzo(a)pyrene	23.180	252	922008	20.29	ng	97
91) Dibenzo(a,h)anthracene	25.551	278	138768	2.91	ng	# 90
92) Benzo(g,h,i)perylene	26.268	276	525698	11.03	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
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Misc :
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 30 17:14:02 2020
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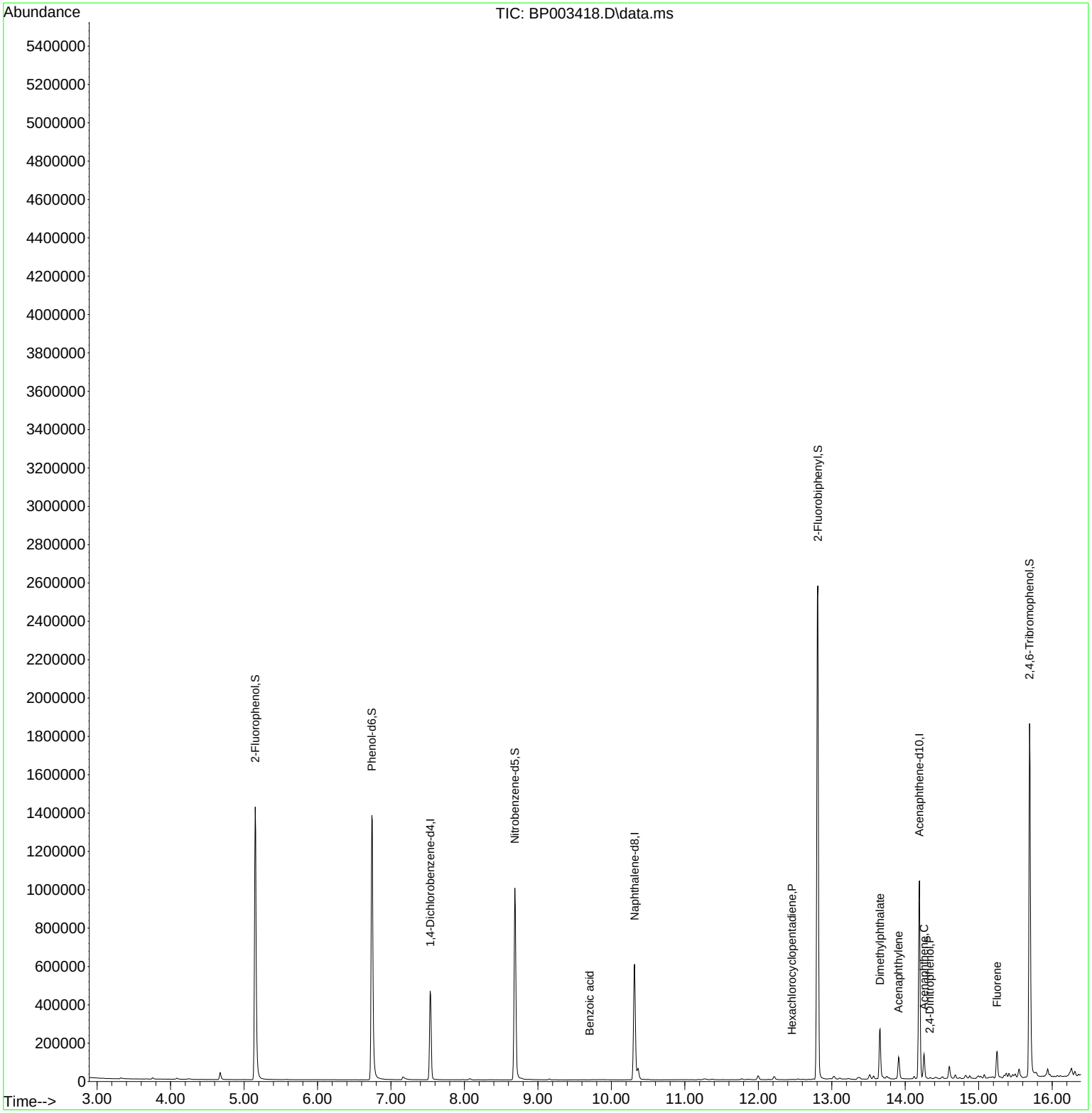
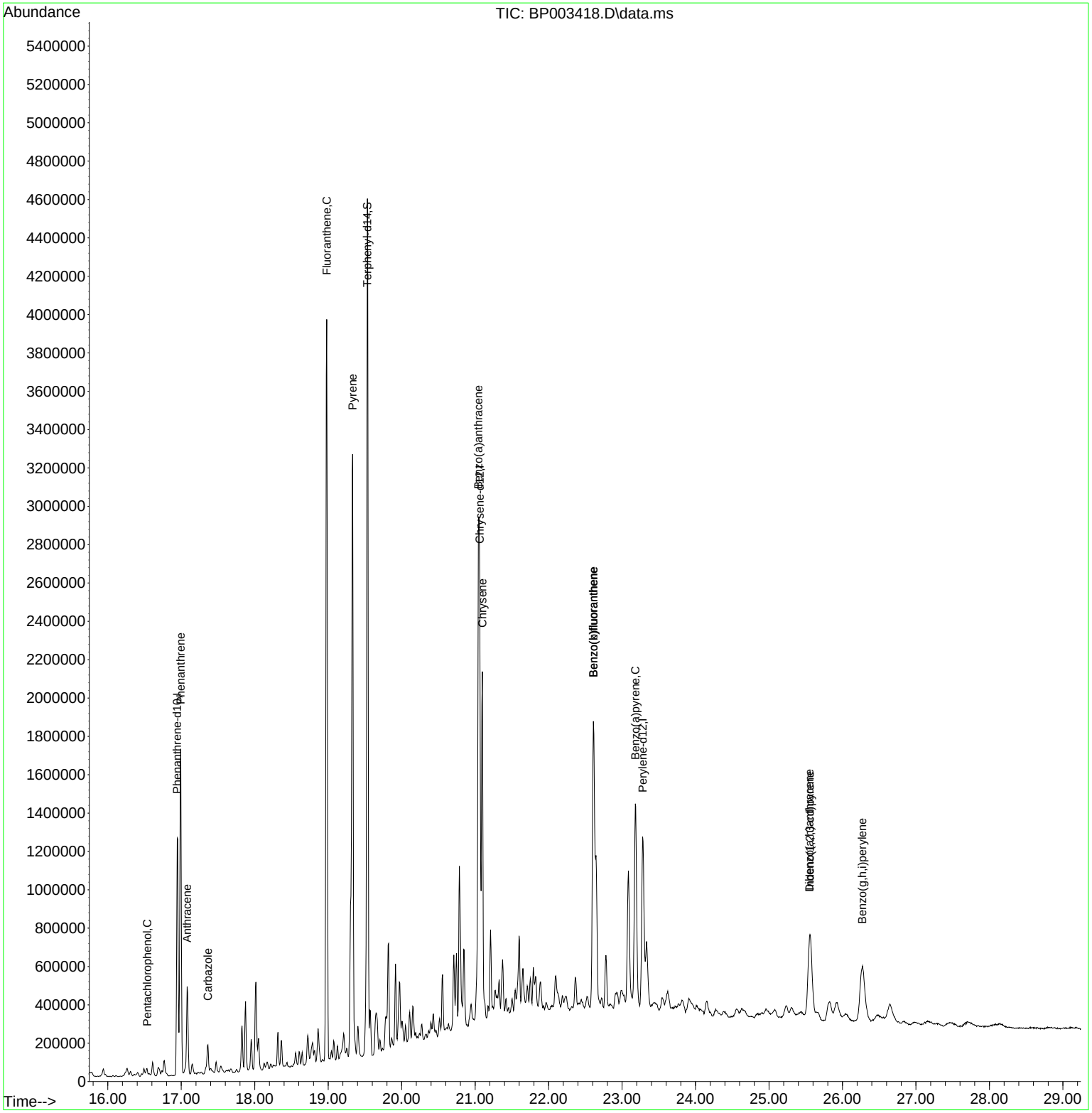


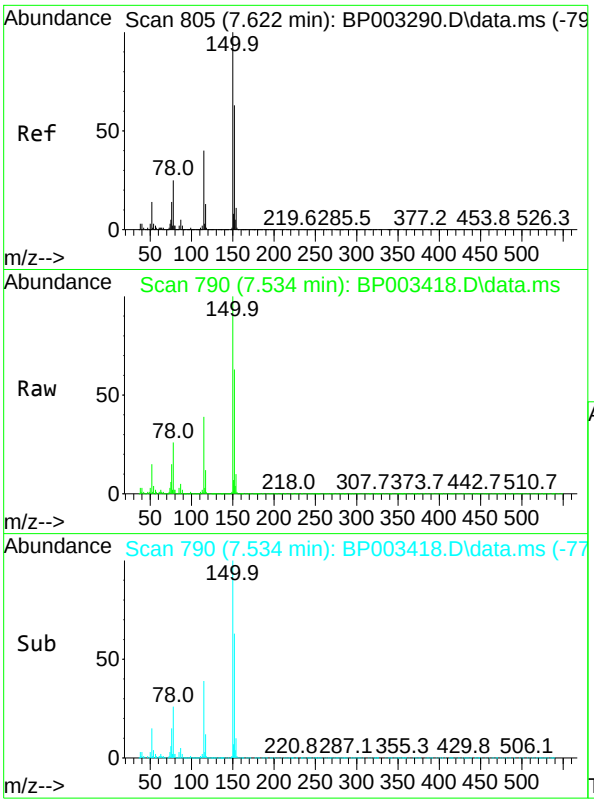
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003418.D
Acq On : 30 Sep 2020 17:47
Operator : CG/JU
Sample : L4179-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-10(12-14)

Quant Time: Sep 30 18:22:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 30 17:14:02 2020
Response via : Initial Calibration



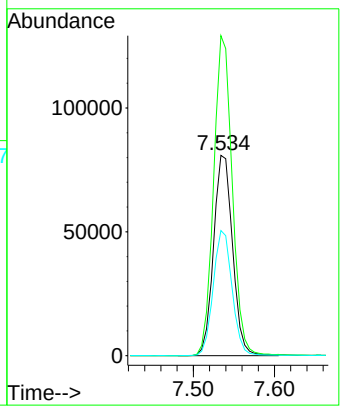
Instrument :
BNA_P
ClientSampleId :
B-10(12-14)

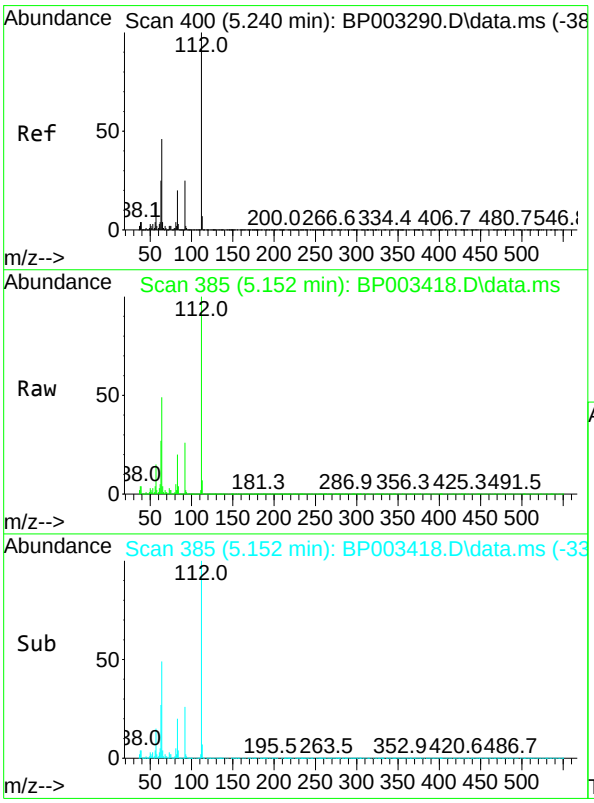


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.534 min Scan# 790
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:152 Resp: 131645

Ion	Ratio	Lower	Upper
152	100		
150	159.7	123.8	185.6
115	62.4	43.8	65.6

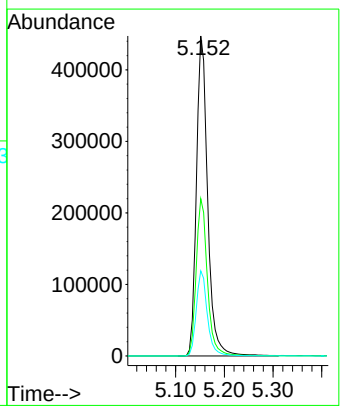




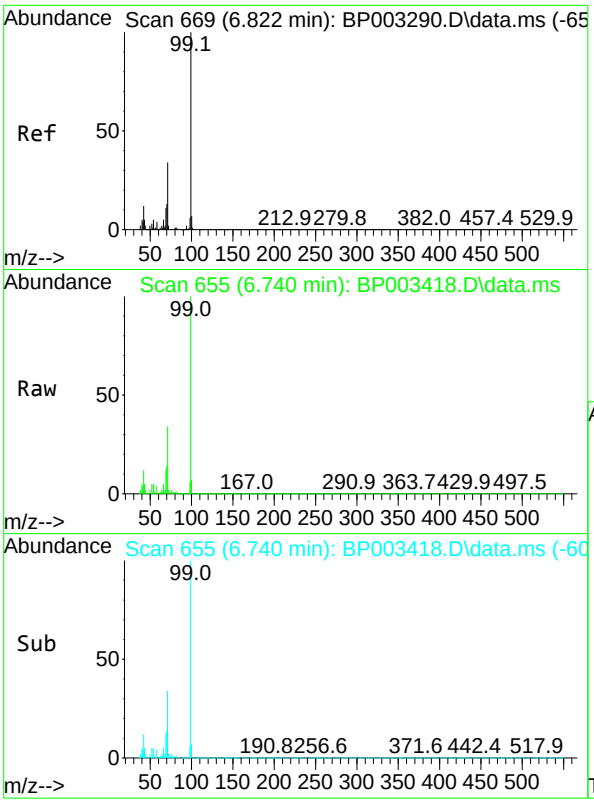
#5
2-Fluorophenol
Concen: 95.43 ng
RT: 5.152 min Scan# 385
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:112 Resp: 719430

Ion	Ratio	Lower	Upper
112	100		
64	49.1	32.8	49.2
63	26.6	17.0	25.4#



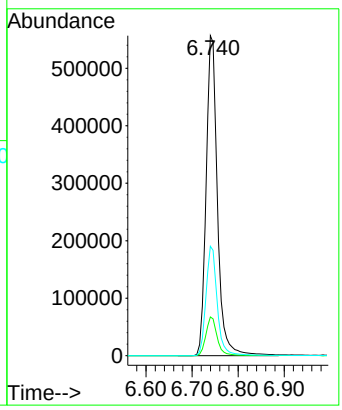
Instrument :
BNA_P
ClientSampleId :
B-10(12-14)

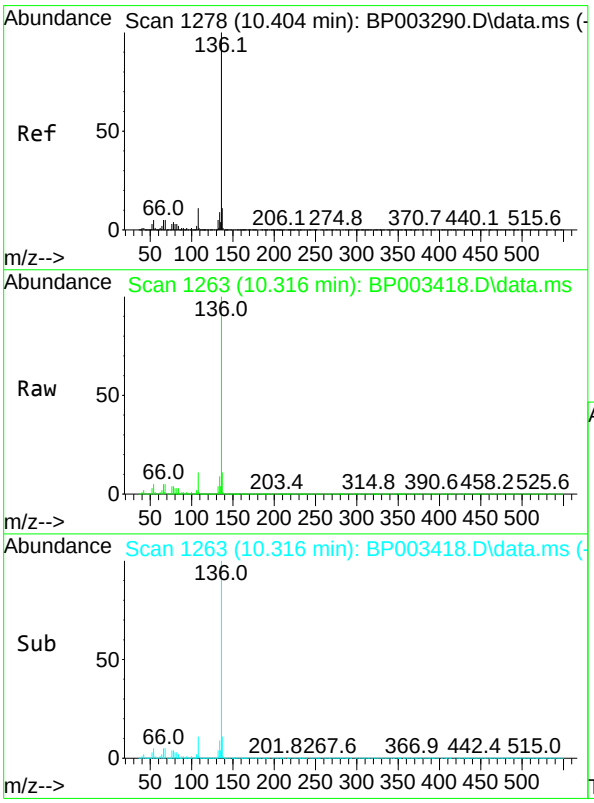


#7
Phenol-d6
Concen: 95.09 ng
RT: 6.740 min Scan# 655
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion: 99 Resp: 955557

Ion	Ratio	Lower	Upper
99	100		
42	12.1	8.6	13.0
71	34.2	23.4	35.2

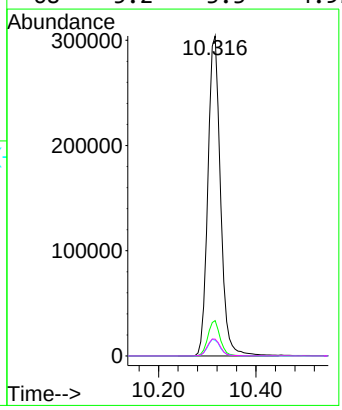




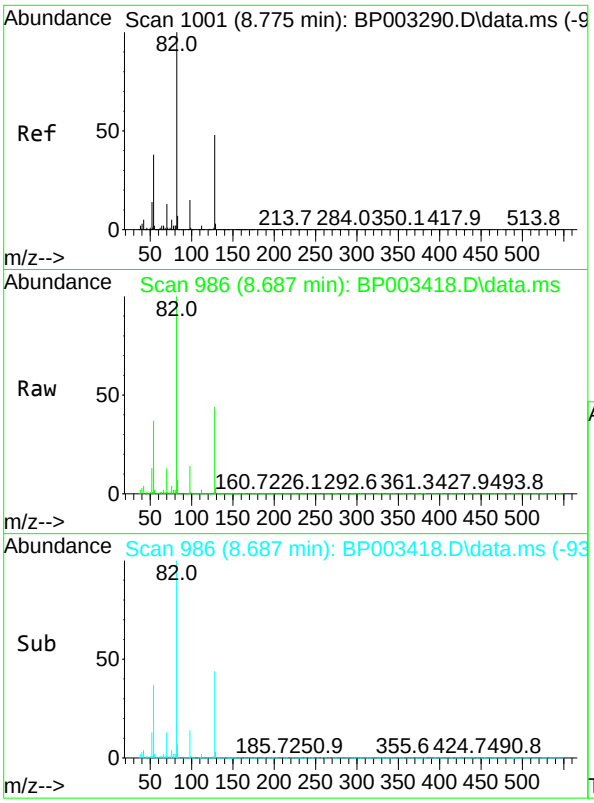
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.316 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:136 Resp: 544797

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	4.9	3.6	5.4
68	5.2	3.3	4.9#



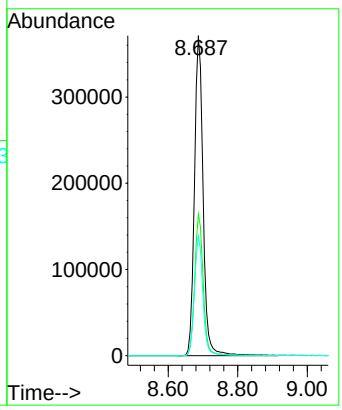
Instrument :
BNA_P
ClientSampleId :
B-10(12-14)

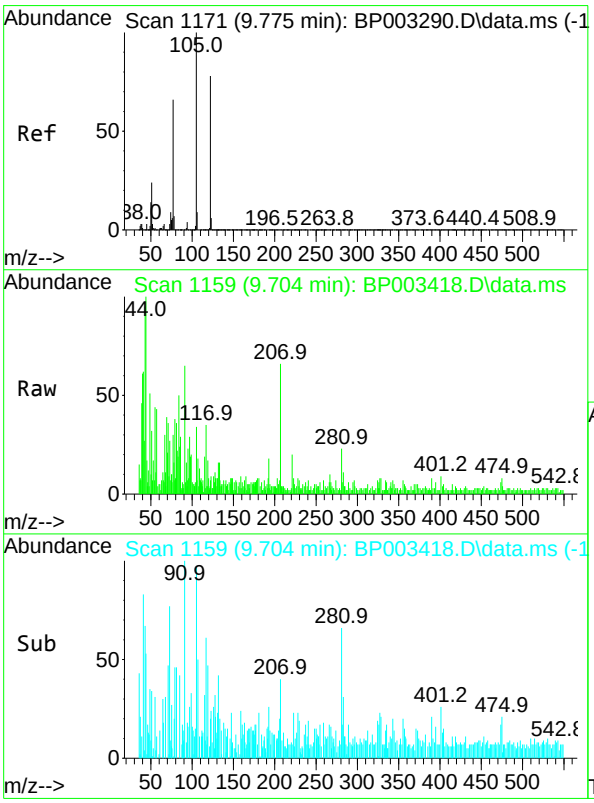


#23
Nitrobenzene-d5
Concen: 69.44 ng
RT: 8.687 min Scan# 986
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion: 82 Resp: 643939

Ion	Ratio	Lower	Upper
82	100		
128	44.3	45.6	68.4#
54	37.3	30.1	45.1

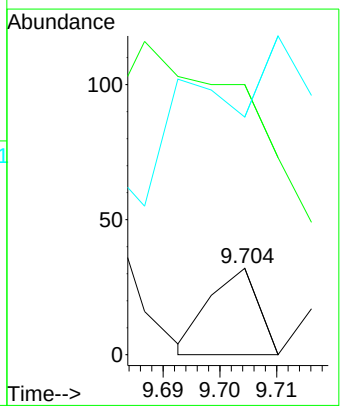




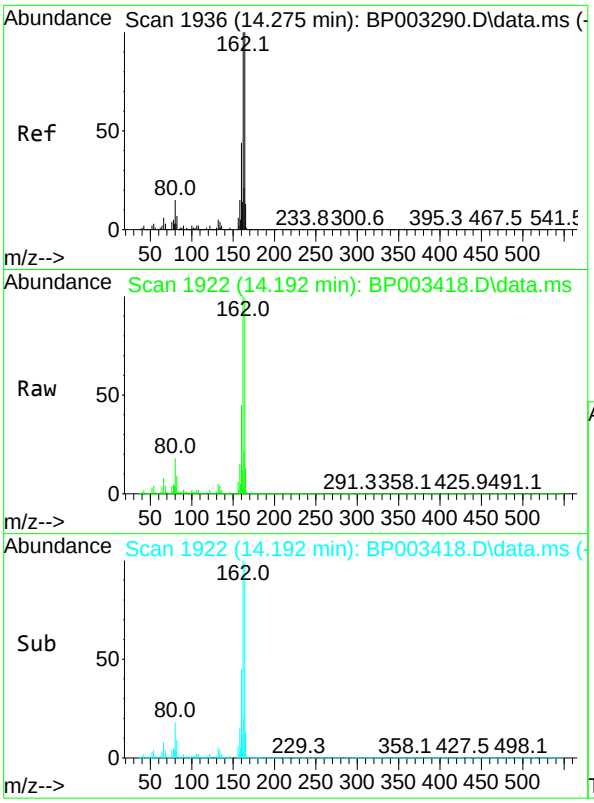
#32
Benzoic acid
Concen: 9.16 ng
RT: 9.704 min Scan# 1159
Delta R.T. -0.012 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:122 Resp: 19

Ion	Ratio	Lower	Upper
122	100		
105	312.5	94.1	134.1#
77	275.0	50.1	90.1#



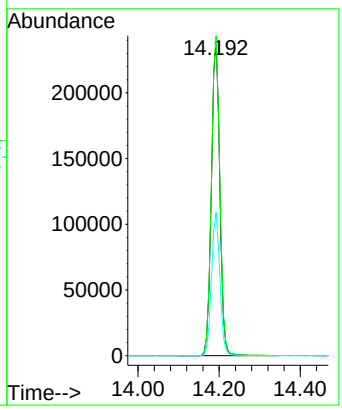
Instrument :
BNA_P
ClientSampleId :
B-10(12-14)

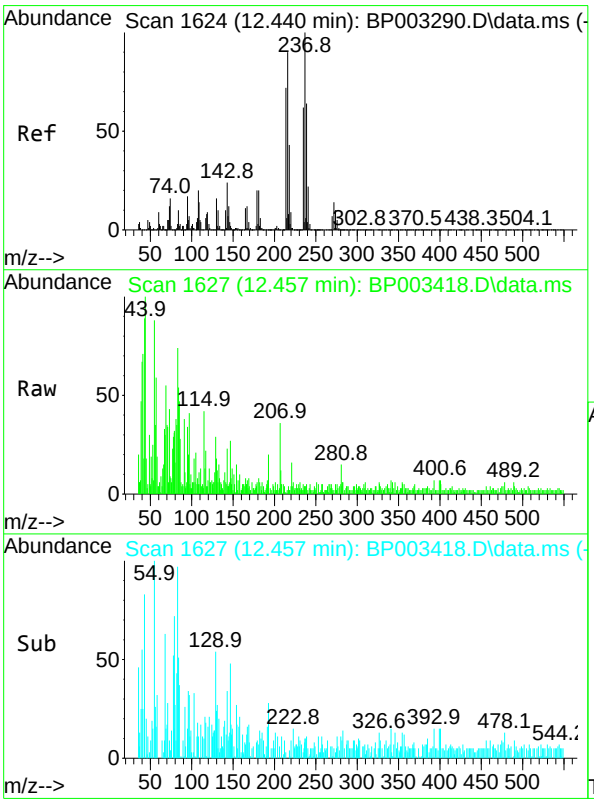


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.192 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:164 Resp: 342822

Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.4	119.2
160	45.4	36.1	54.1

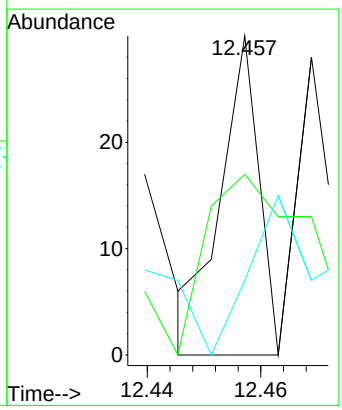




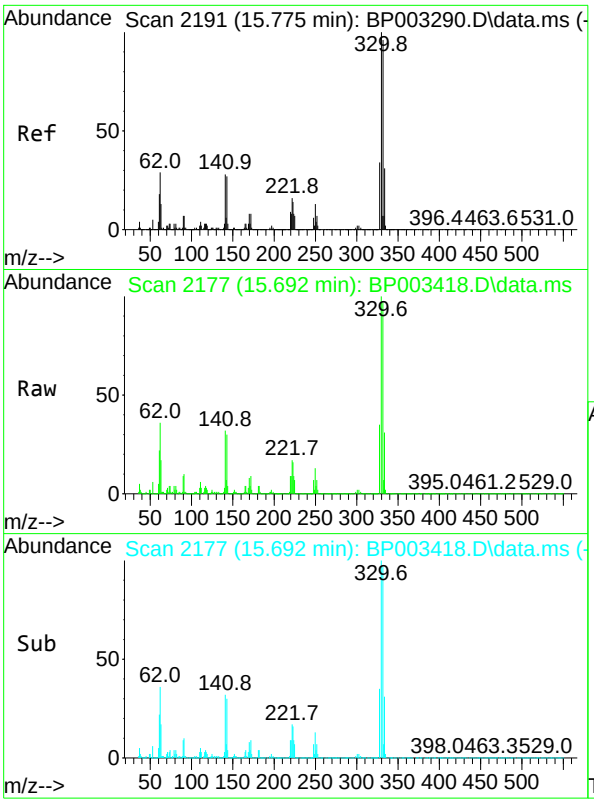
#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.457 min Scan# 1627
Delta R.T. 0.106 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:237 Resp: 14

Ion	Ratio	Lower	Upper
237	100		
235	56.7	43.2	83.2
272	23.3	0.0	33.3



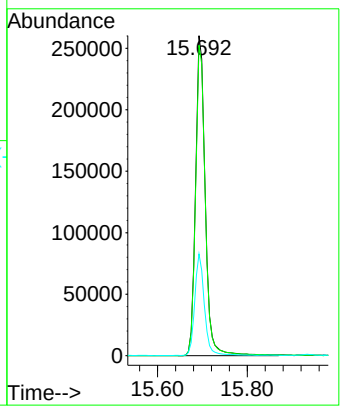
Instrument :
BNA_P
ClientSampleId :
B-10(12-14)

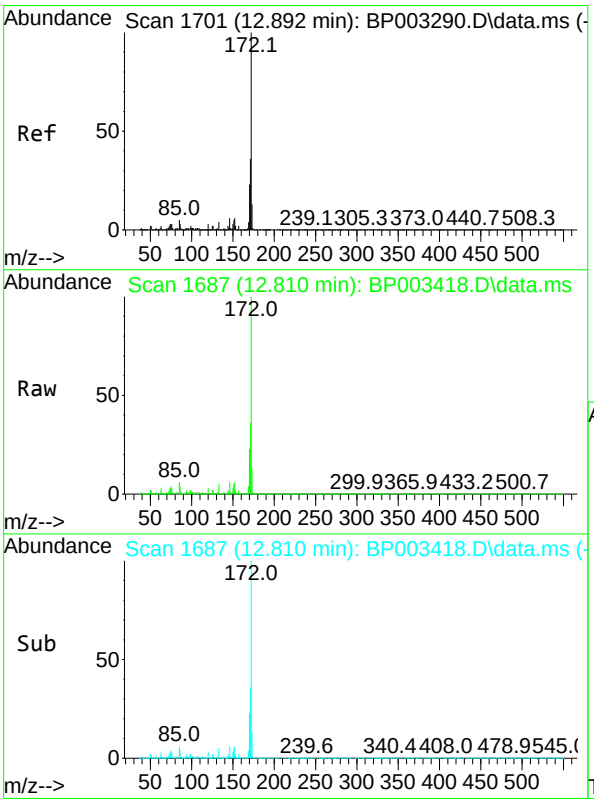


#42
2,4,6-Tribromophenol
Concen: 74.38 ng
RT: 15.692 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:330 Resp: 388915

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	31.8	23.4	35.2

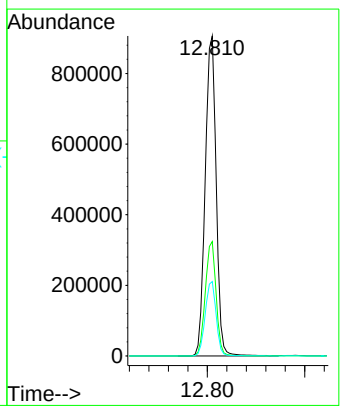


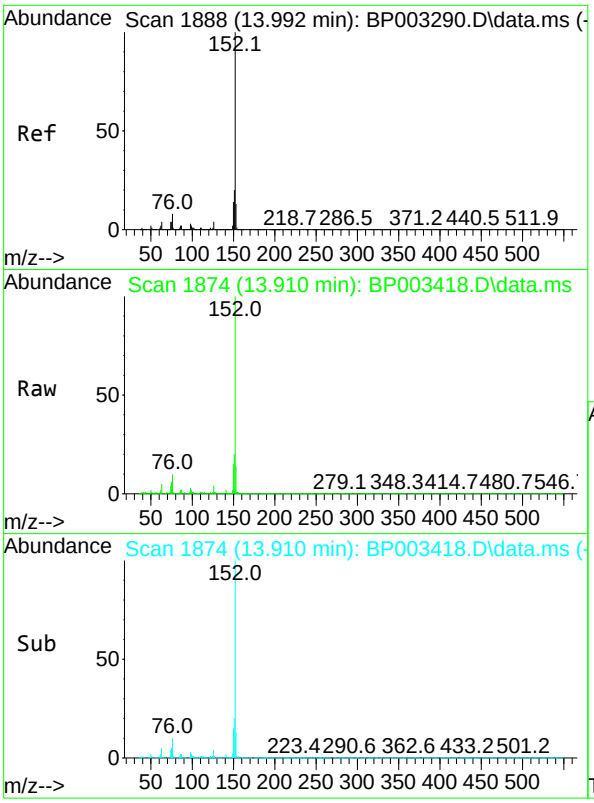


#45
2-Fluorobiphenyl
Concen: 60.12 ng
RT: 12.810 min Scan# 1687
Delta R.T. 0.006 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:172 Resp: 1409288

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.3	19.2	28.8

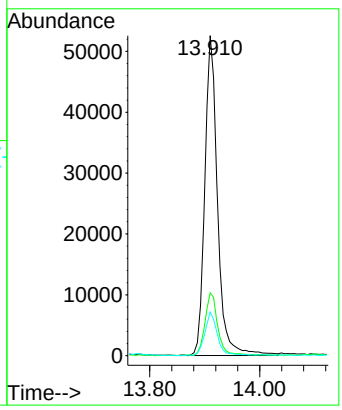




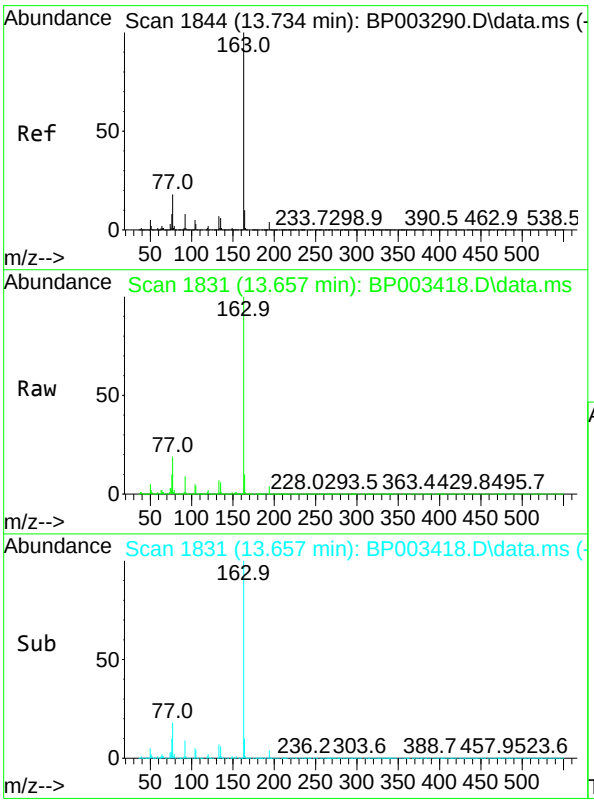
#49
Acenaphthylene
Concen: 2.61 ng
RT: 13.910 min Scan# 1874
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:152 Resp: 84570

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.7	10.5	15.7



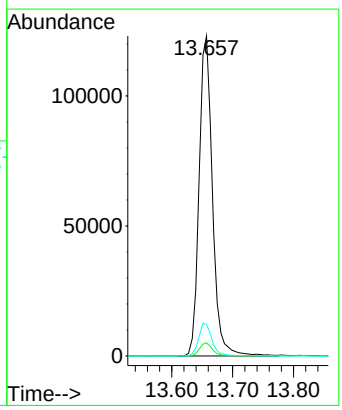
Instrument :
BNA_P
ClientSampleId :
B-10(12-14)



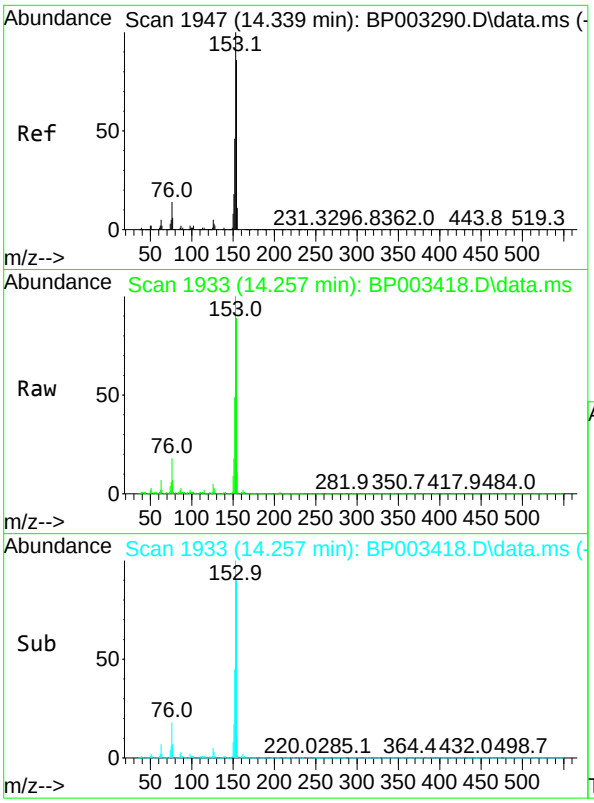
#50
Dimethylphthalate
Concen: 6.82 ng
RT: 13.657 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:163 Resp: 186693

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.7	8.2	12.2



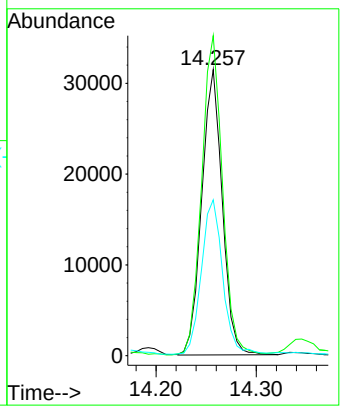
Instrument :
BNA_P
ClientSampleId :
B-10(12-14)

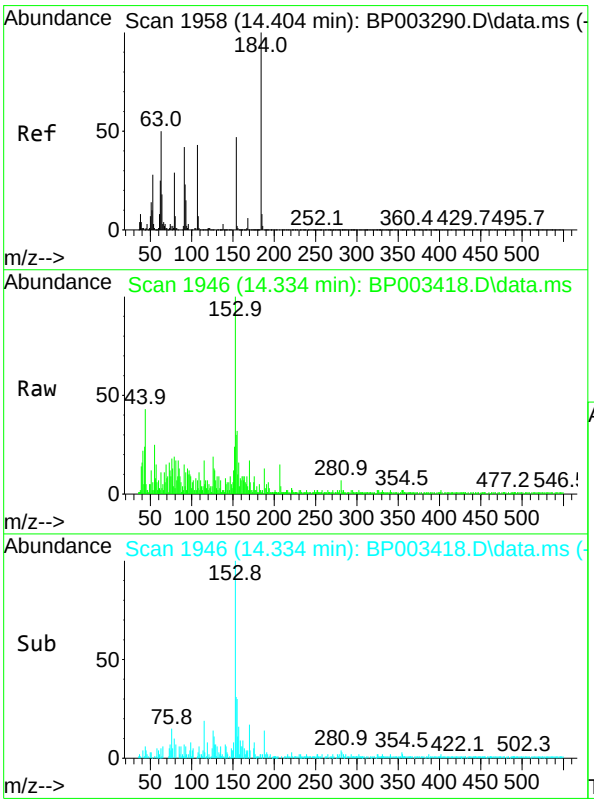


#52
Acenaphthene
Concen: 2.27 ng
RT: 14.257 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:154 Resp: 44783

Ion	Ratio	Lower	Upper
154	100		
153	111.8	91.0	136.6
152	54.5	43.0	64.6

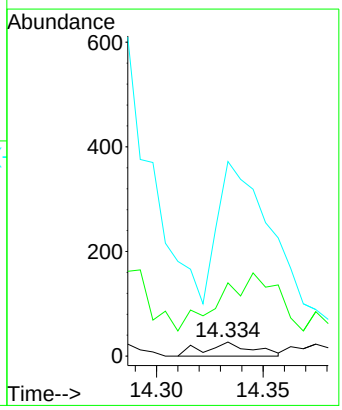




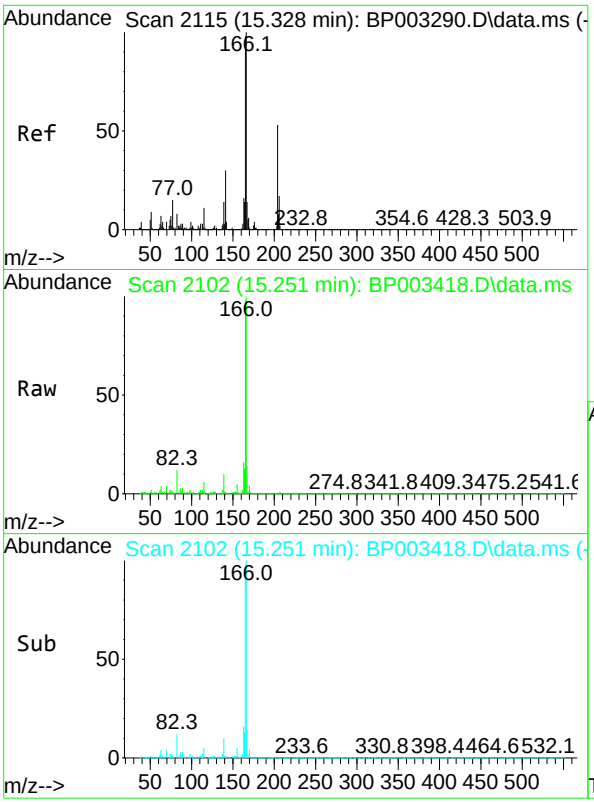
#54
2,4-Dinitrophenol
Concen: 7.27 ng
RT: 14.334 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:184 Resp: 42

Ion	Ratio	Lower	Upper
184	100		
63	518.5	32.3	48.5#
154	1377.8	49.1	73.7#



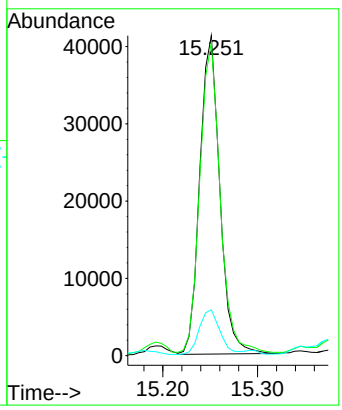
Instrument :
BNA_P
ClientSampleId :
B-10(12-14)

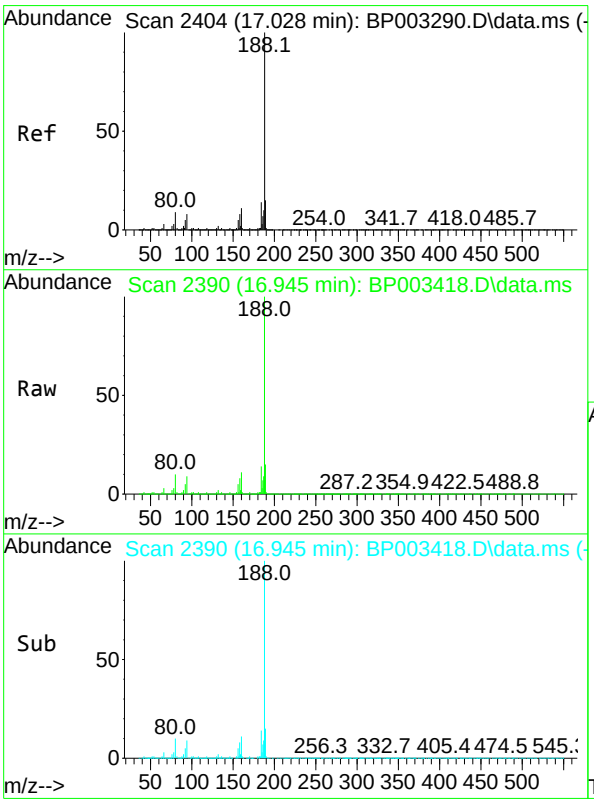


#58
Fluorene
Concen: 2.43 ng
RT: 15.251 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:166 Resp: 60273

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.8	116.8
167	14.4	11.0	16.4

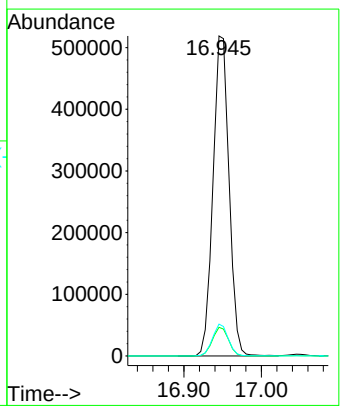




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.945 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:188 Resp: 745258

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.2	9.2
80	10.0	6.2	9.2#



Instrument :
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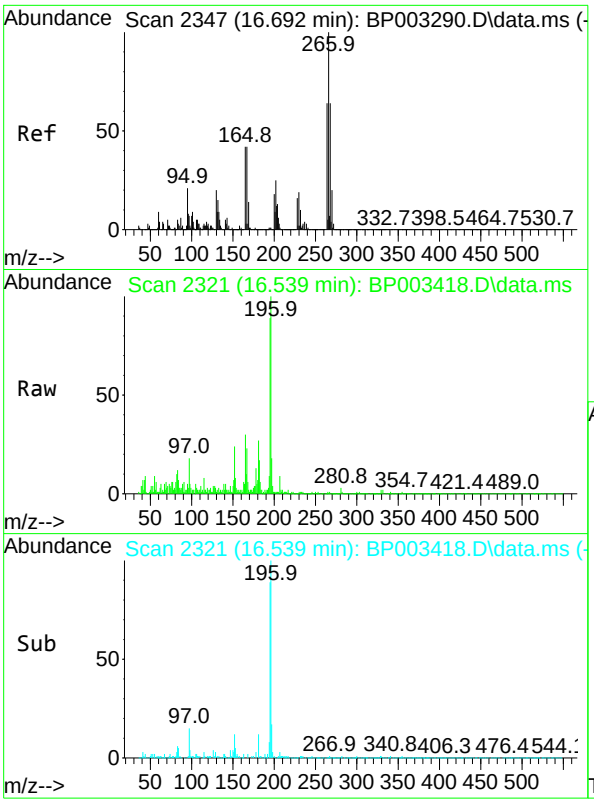
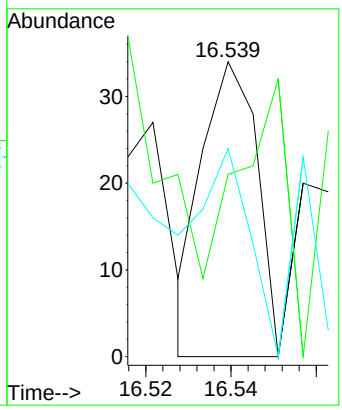
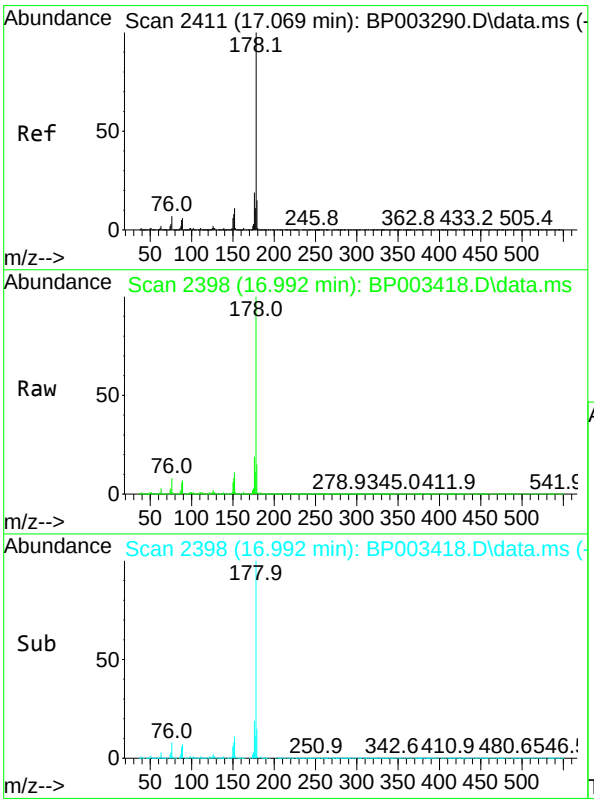


#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.539 min Scan# 2321
Delta R.T. -0.083 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:266 Resp: 30

Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.1	76.7
264	70.6	50.6	76.0

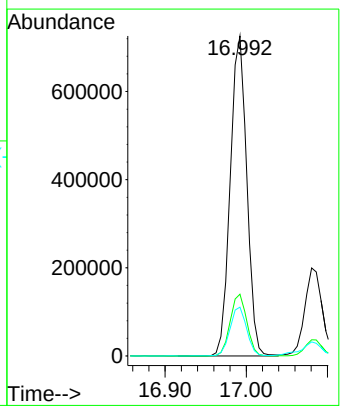




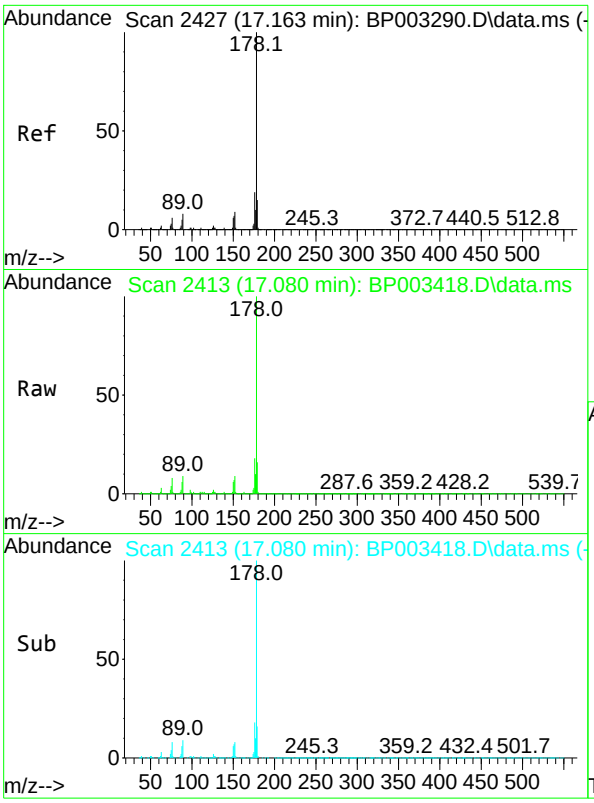
#71
Phenanthrene
Concen: 25.31 ng
RT: 16.992 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:178 Resp: 1026374

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.2	12.5	18.7



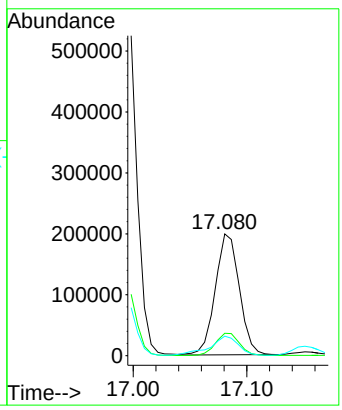
Instrument :
BNA_P
ClientSampleId :
B-10(12-14)

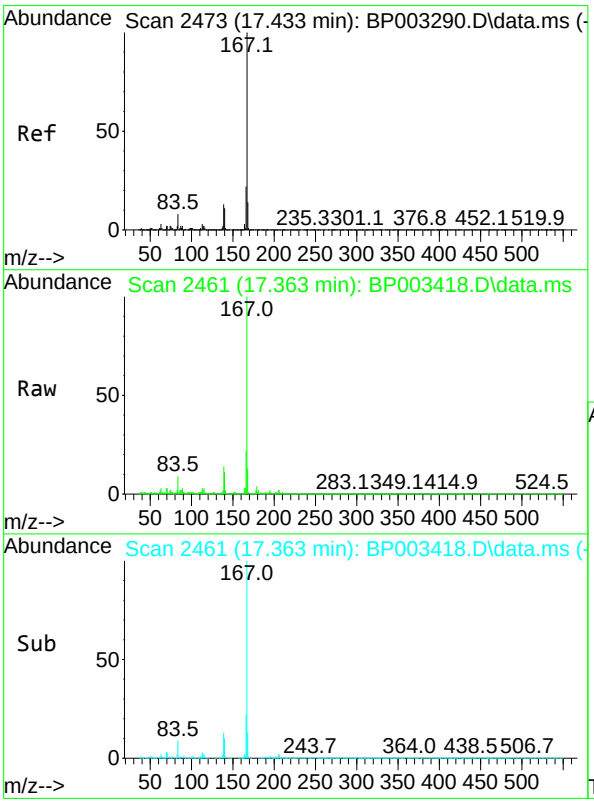


#72
Anthracene
Concen: 7.32 ng
RT: 17.080 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:178 Resp: 292396

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	16.1	12.5	18.7

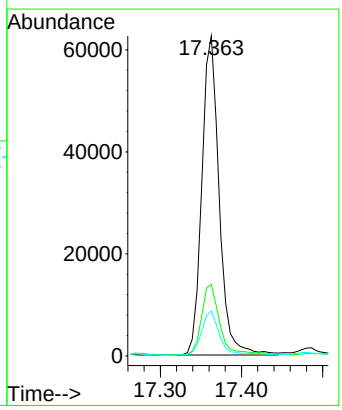




#73
Carbazole
Concen: 2.44 ng
RT: 17.363 min Scan# 2461
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:167 Resp: 92495

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	14.0	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
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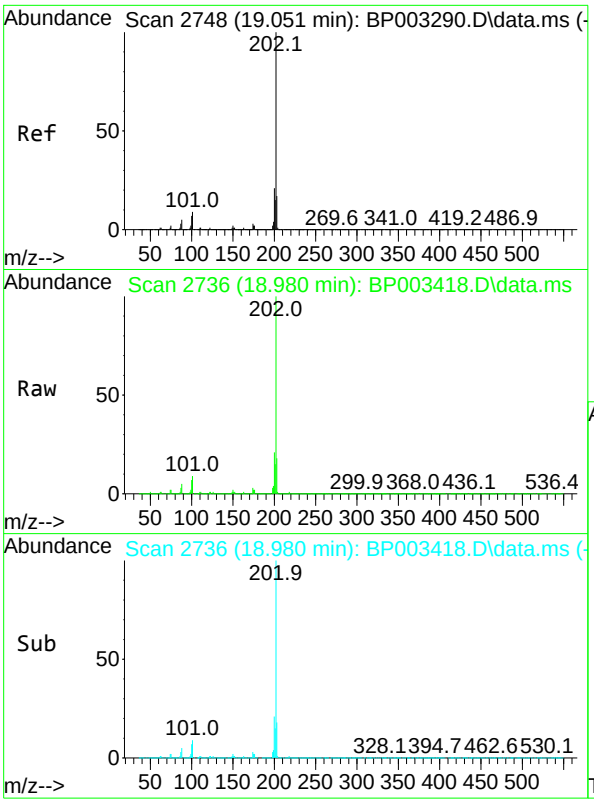
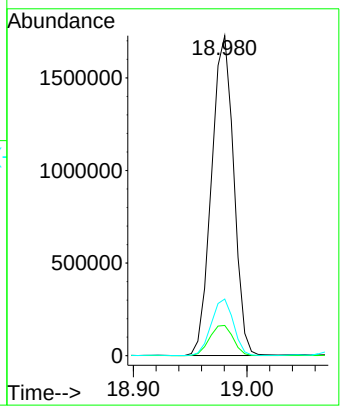
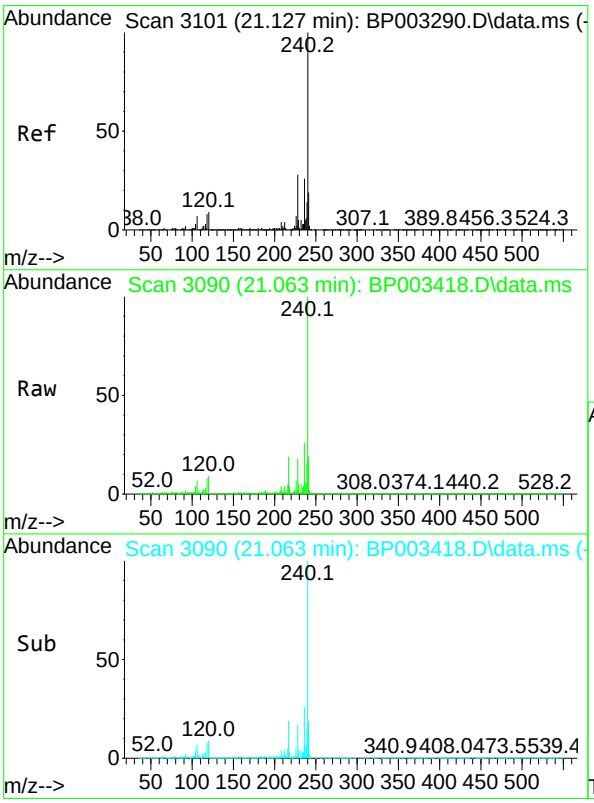


#75
Fluoranthene
Concen: 46.03 ng
RT: 18.980 min Scan# 2736
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:202 Resp: 2347004

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.4
203	17.7	0.0	37.8

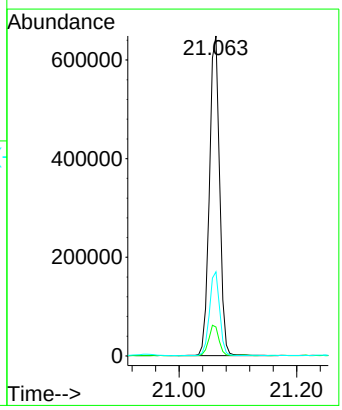




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.063 min Scan# 3090
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:240 Resp: 779829

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.8	11.6
236	26.3	20.8	31.2



Instrument :
BNA_P
ClientSampleId :
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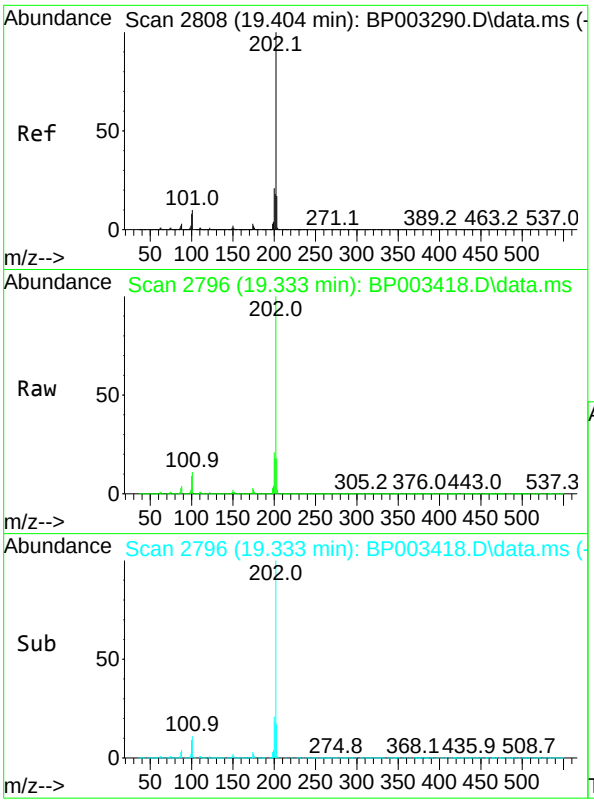
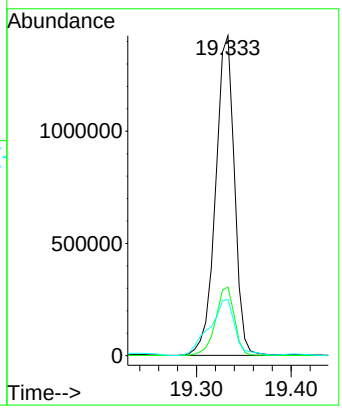
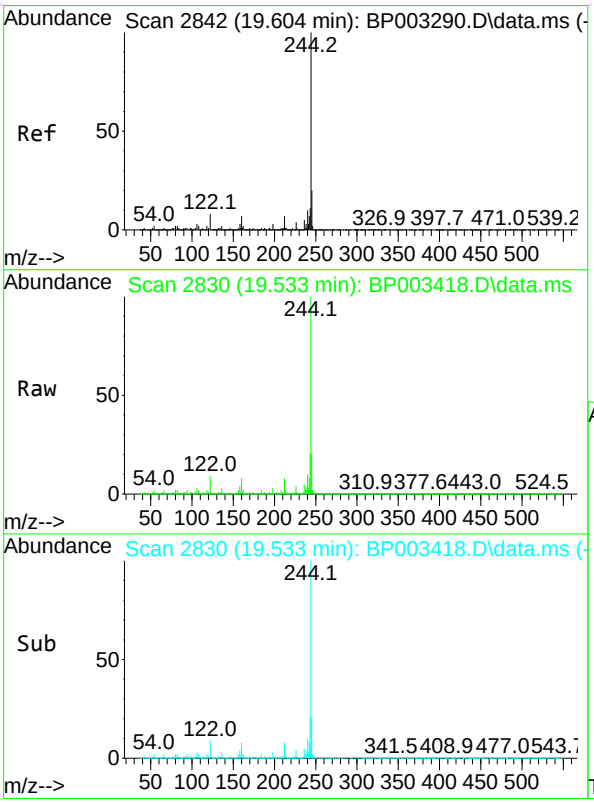


#78
Pyrene
Concen: 40.68 ng
RT: 19.333 min Scan# 2796
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:202 Resp: 1978409

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	17.6	14.2	21.2

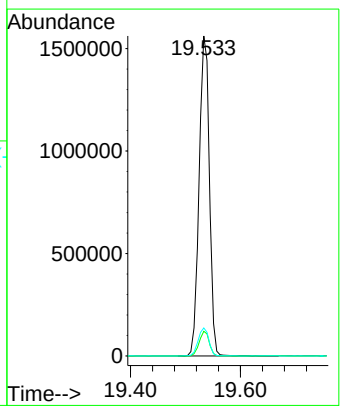




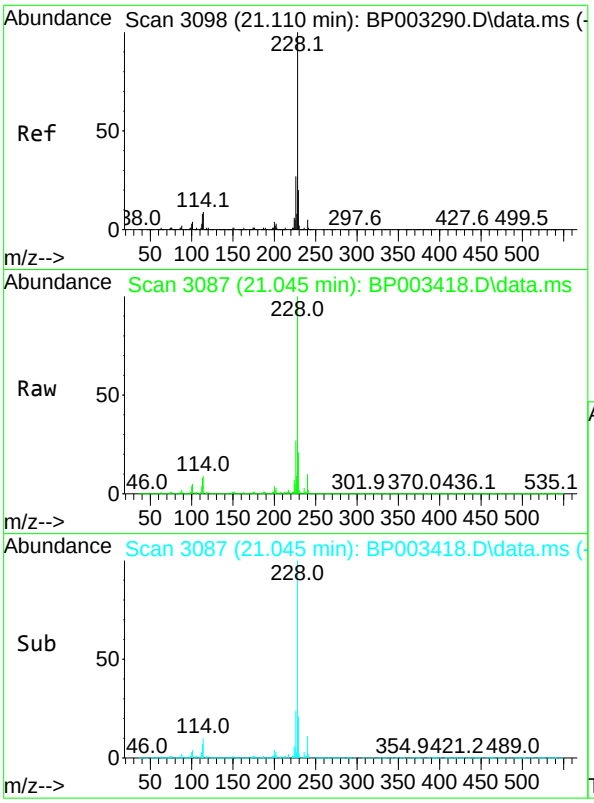
#79
Terphenyl-d14
Concen: 54.28 ng
RT: 19.533 min Scan# 2830
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:244 Resp: 2031518

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	8.8	7.8	11.8



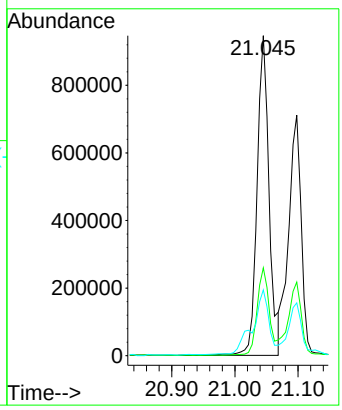
Instrument :
BNA_P
ClientSampleId :
B-10(12-14)

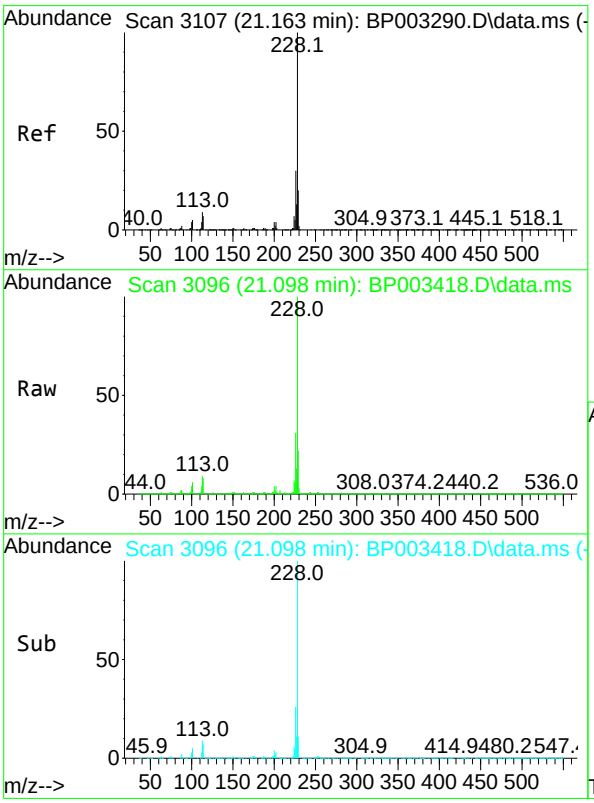


#81
Benzo(a)anthracene
Concen: 24.75 ng
RT: 21.045 min Scan# 3087
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:228 Resp: 1247796

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	20.6	15.9	23.9

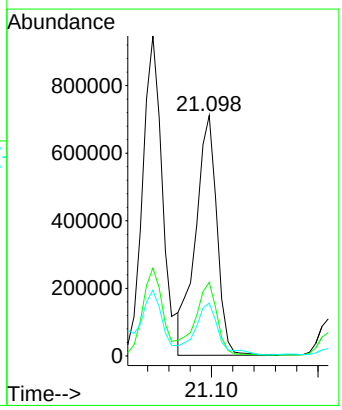




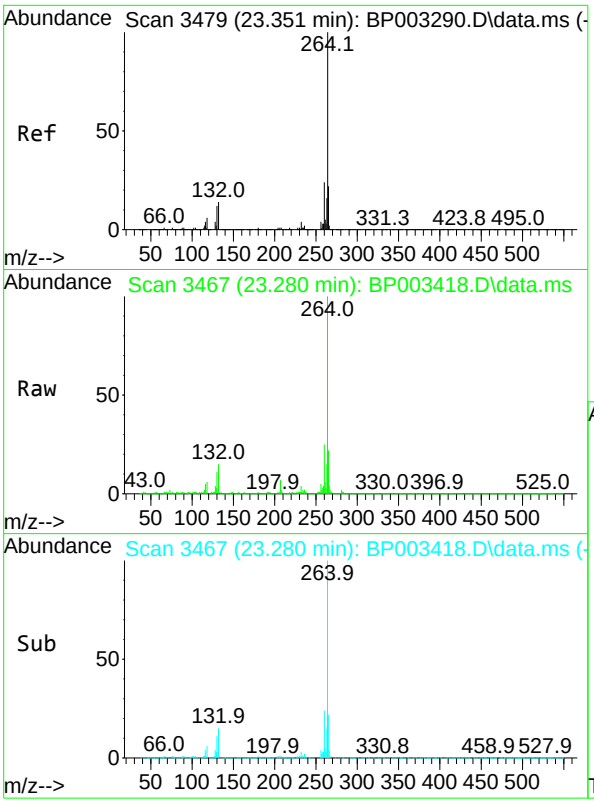
#83
Chrysene
Concen: 20.45 ng
RT: 21.098 min Scan# 3096
Delta R.T. -0.000 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:228 Resp: 990333

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	22.0	15.8	23.6



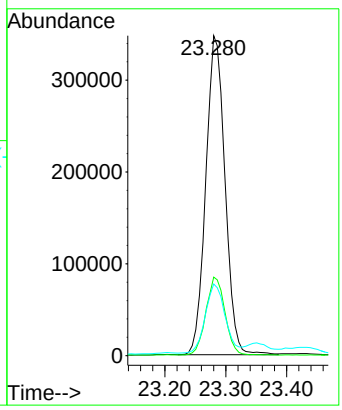
Instrument :
BNA_P
ClientSampleId :
B-10(12-14)

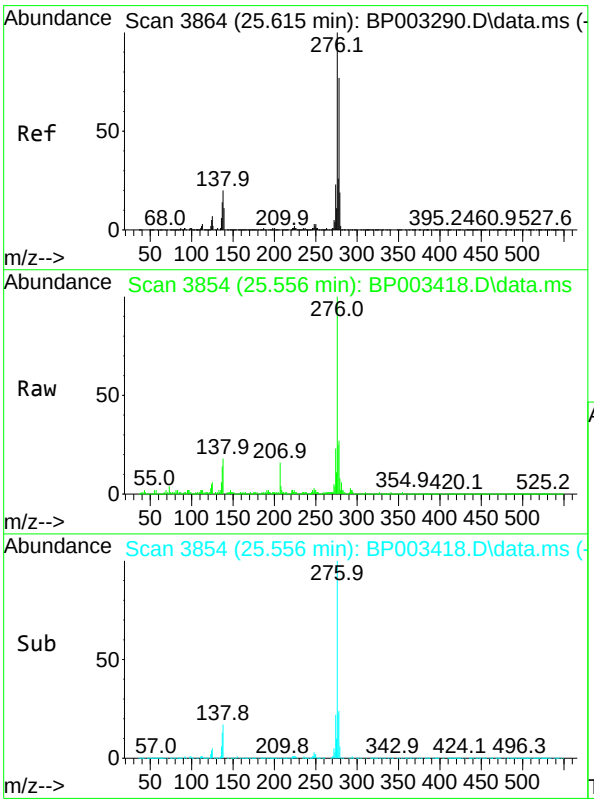


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.280 min Scan# 3467
Delta R.T. 0.023 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:264 Resp: 763266

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	22.4	17.4	26.2

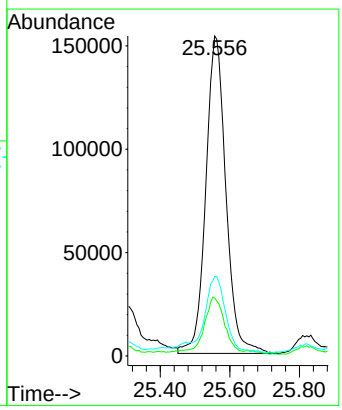




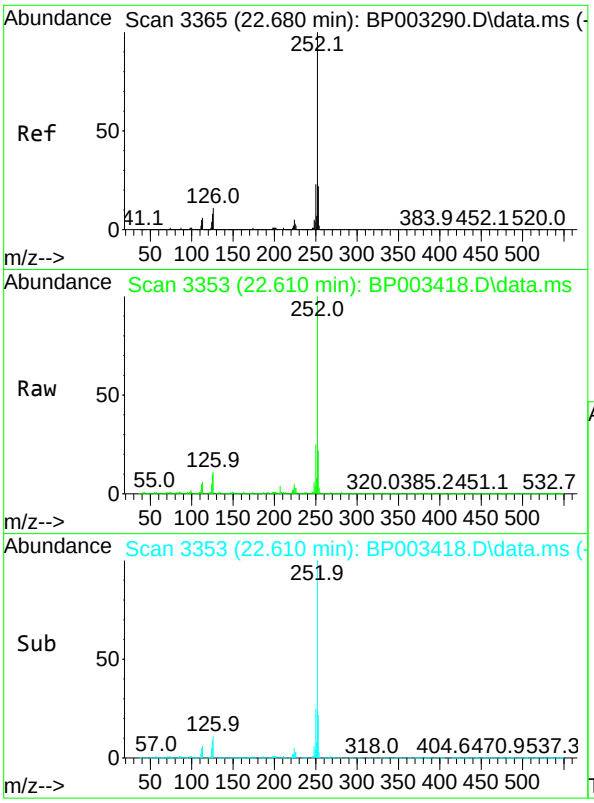
#87
Indeno(1,2,3-cd)pyrene
Concen: 10.66 ng
RT: 25.556 min Scan# 3854
Delta R.T. 0.059 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:276 Resp: 616661

Ion	Ratio	Lower	Upper
276	100		
138	17.6	18.7	28.1#
277	24.2	20.4	30.6



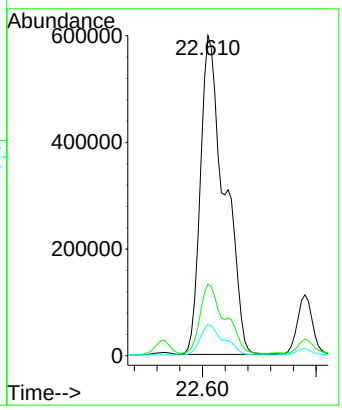
Instrument :
BNA_P
ClientSampleId :
B-10(12-14)

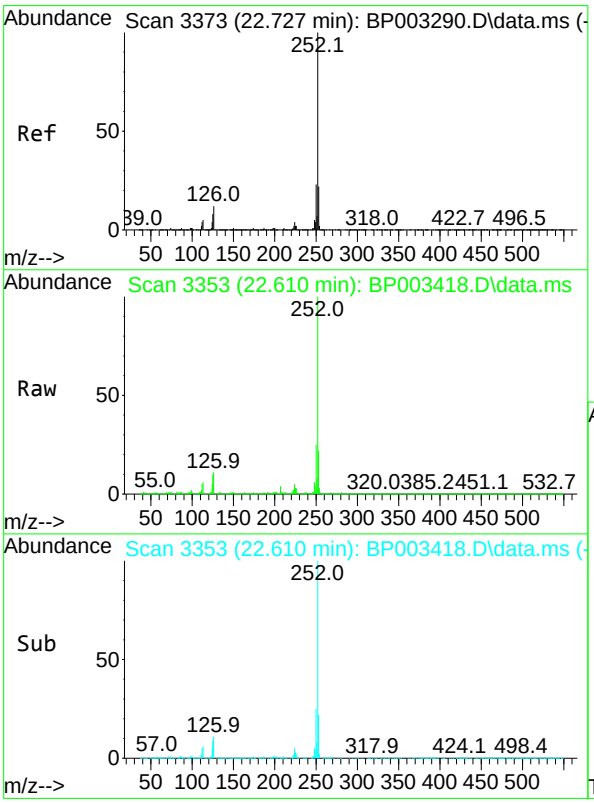


#88
Benzo(b)fluoranthene
Concen: 36.47 ng
RT: 22.610 min Scan# 3353
Delta R.T. 0.017 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:252 Resp: 1757977

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	9.7	7.3	10.9

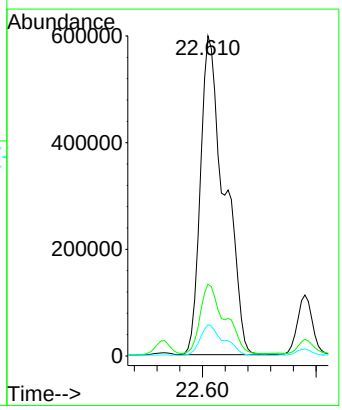




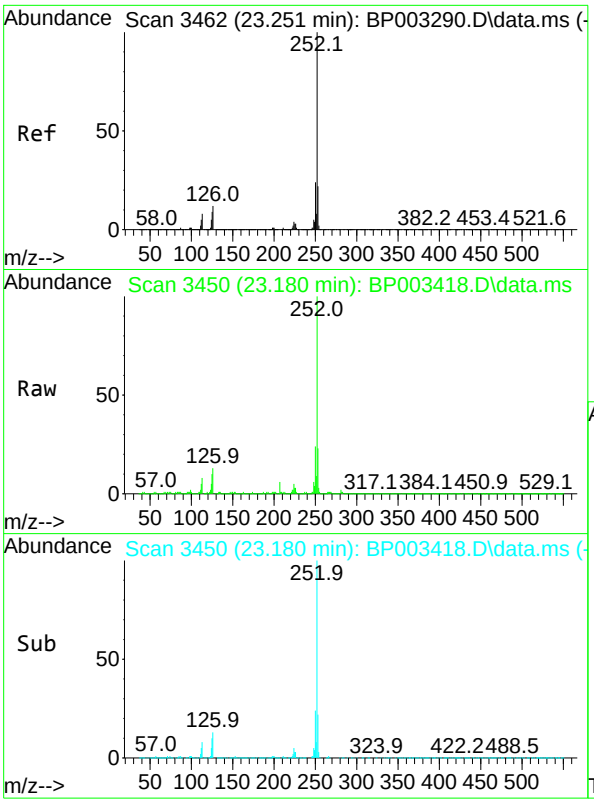
#89
Benzo(k)fluoranthene
Concen: 38.06 ng
RT: 22.610 min Scan# 3353
Delta R.T. -0.035 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:252 Resp: 1757977

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.7	7.4	11.2



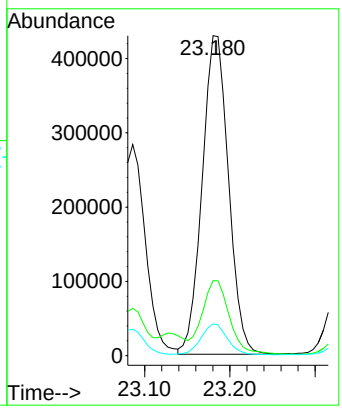
Instrument :
BNA_P
ClientSampleId :
B-10(12-14)

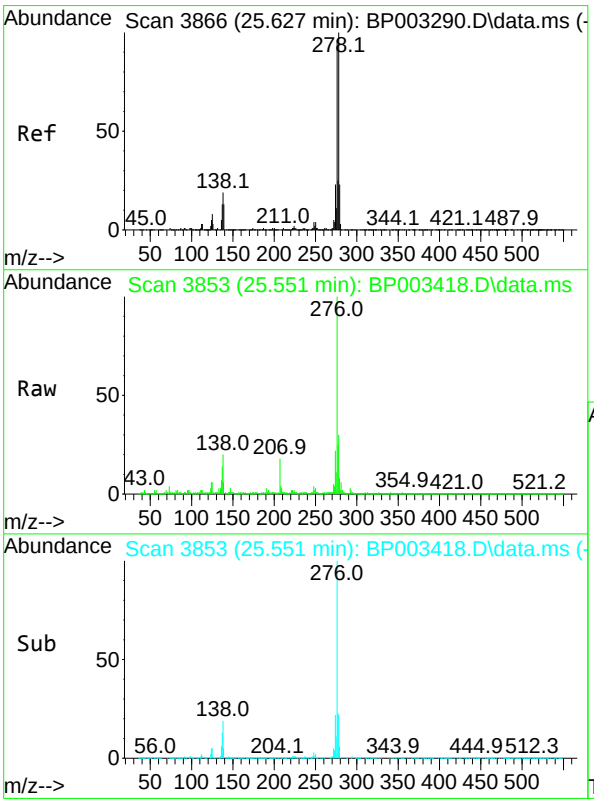


#90
Benzo(a)pyrene
Concen: 20.29 ng
RT: 23.180 min Scan# 3450
Delta R.T. 0.017 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:252 Resp: 922008

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	10.0	8.2	12.4

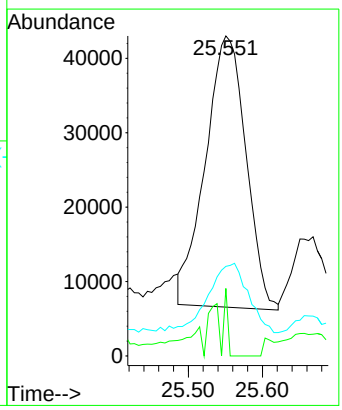


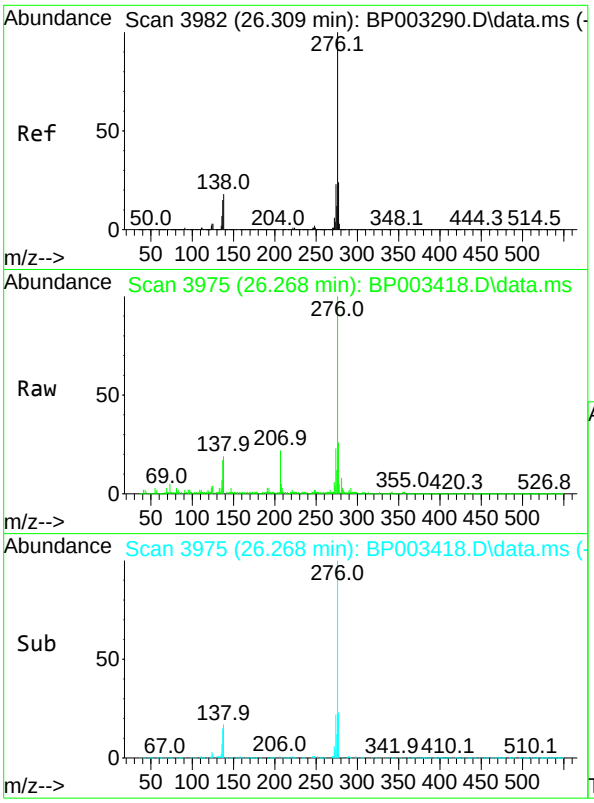


#91
Dibenzo(a,h)anthracene
Concen: 2.91 ng
RT: 25.551 min Scan# 3853
Delta R.T. 0.041 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:278 Resp: 138768

Ion	Ratio	Lower	Upper
278	100		
139	21.1	12.4	18.6#
279	28.0	19.0	28.6

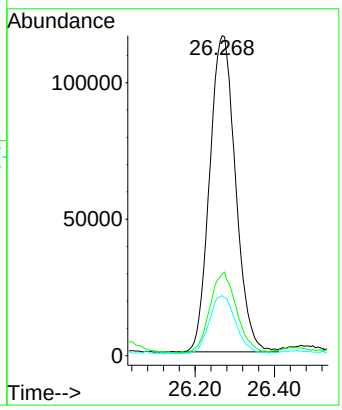




#92
Benzo(g,h,i)perylene
Concen: 11.03 ng
RT: 26.268 min Scan# 3975
Delta R.T. 0.070 min
Lab File: BP003418.D
Acq: 30 Sep 2020 17:47

Tgt Ion:276 Resp: 525698

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.0	28.6
138	18.8	16.6	24.8



Instrument :
BNA_P
ClientSampleId :
B-10(12-14)