Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
Data File : BP003362.D
Acq On : 23 Sep 2020 17:47
Operator : CG/JU
Sample : L3870-11 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-02-092220

Quant Time: Sep 23 19:04:29 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	7.563	152	204667	20.00	ng	0.00
21) Naphthalene-d8	10.340	136	806981	20.00	ng	# 0.00
39) Acenaphthene-d10	14.210	164	461935	20.00	ng	-0.01
64) Phenanthrene-d10	16.969	188	877300	20.00	ng	0.00
76) Chrysene-d12	21.063	240	653150	20.00	ng	0.00
86) Perylene-d12	23.251	264	700519	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	256375	21.87	ng	0.00
7) Phenol-d6	6.763	99	332737	21.30	ng	0.00
23) Nitrobenzene-d5	8.710	82	213759	15.56	ng	-0.01
42) 2,4,6-Tribromophenol	15.710	330	111853	15.88	ng	-0.01
45) 2-Fluorobiphenyl	12.828	172	495860	15.70	ng	-0.01
79) Terphenyl-d14	19.545	244	555705	17.73	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.728	122	18	9.16	ng	# 1
37) 2-Methylnaphthalene	12.016	142	66775	2.16	ng	96
38) 1-Methylnaphthalene	12.016	142	66386	2.26	ng	95
41) Hexachlorocyclopentadiene	12.445	237	18	6.84	ng	87
49) Acenaphthylene	13.934	152	117482	2.70	ng	97
52) Acenaphthene	14.275	154	105205	3.97	ng	98
54) 2,4-Dinitrophenol	14.363	184	66	7.27	ng	# 1
55) Dibenzofuran	14.616	168	97592	2.30	ng	# 93
58) Fluorene	15.269	166	187129	5.60	ng	98
70) Pentachlorophenol	16.639	266	25	6.77	ng	# 72
71) Phenanthrene	17.010	178	1571498	32.92	ng	99
72) Anthracene	17.098	178	477870	10.16	ng	99
75) Fluoranthene	18.992	202	2277677	37.95	ng	99
78) Pyrene	19.345	202	2024849	49.71	ng	100
81) Benzo(a)anthracene	21.051	228	1022257	24.21	ng	98
83) Chrysene	21.098	228	860955	21.22	ng	97
87) Indeno(1,2,3-cd)pyrene	25.480	276	607657	11.44	ng	# 95
88) Benzo(b)fluoranthene	22.604	252	1568619	35.46	ng	98
89) Benzo(k)fluoranthene	22.604	252	1568619	37.00	ng	98
90) Benzo(a)pyrene	23.157	252	893465	21.42	ng	97
91) Dibenzo(a,h)anthracene	25.474	278	165611	3.78	ng	# 77
92) Benzo(g,h,i)perylene	26.156	276	579764	13.25	ng	98

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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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 : Tue Sep 22 12:48:08 2020
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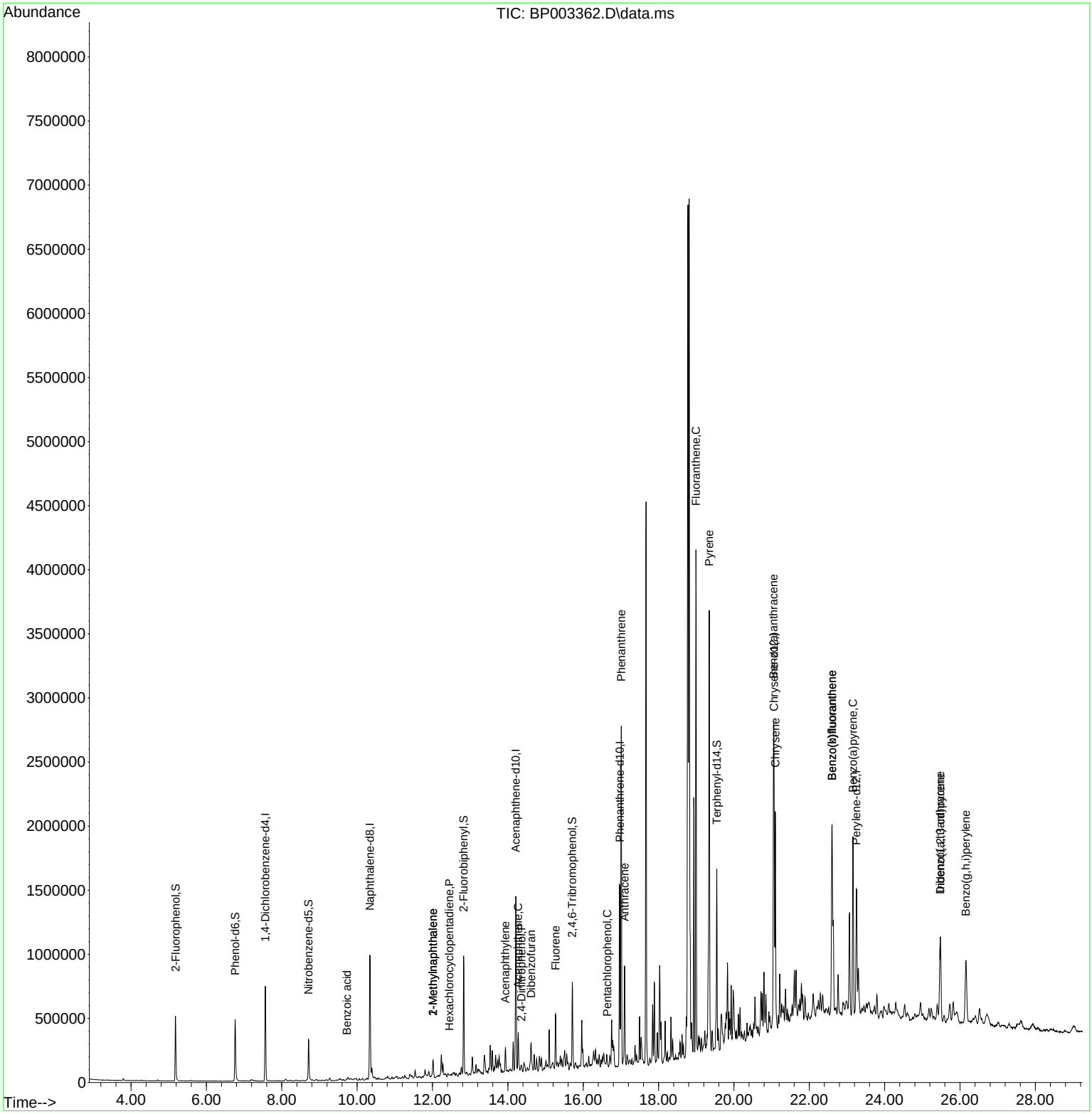
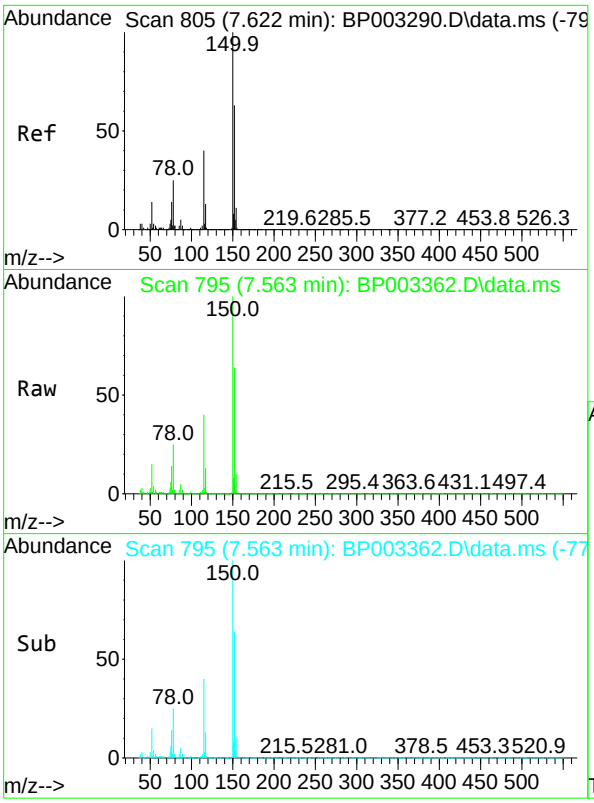


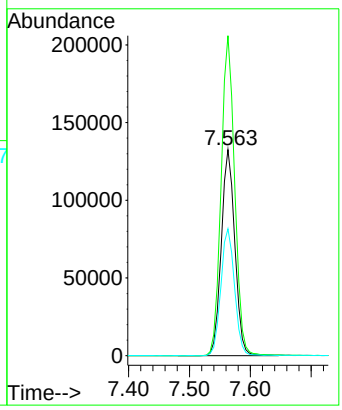
Instrument :
BNA_P
ClientSampleId :
SU-02-092220

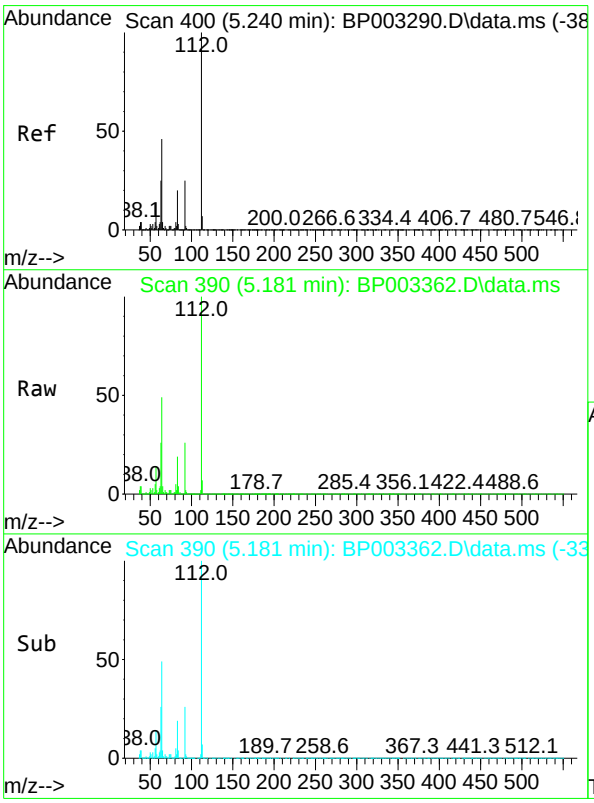


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.563 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:152 Resp: 204667

Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.8	185.6
115	61.6	43.8	65.6

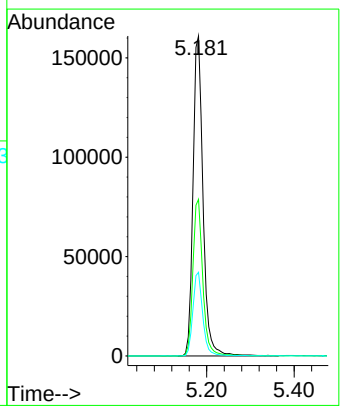




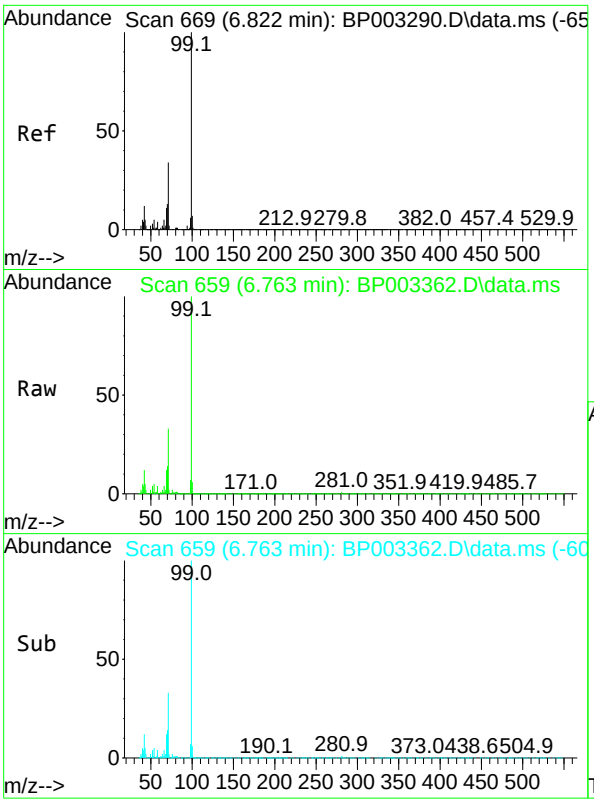
#5
2-Fluorophenol
Concen: 21.87 ng
RT: 5.181 min Scan# 390
Delta R.T. -0.000 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:112 Resp: 256375

Ion	Ratio	Lower	Upper
112	100		
64	48.9	32.8	49.2
63	26.2	17.0	25.4#



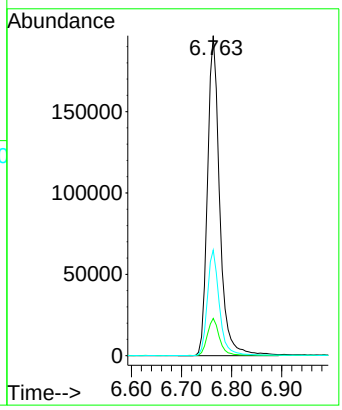
Instrument :
BNA_P
ClientSampleId :
SU-02-092220

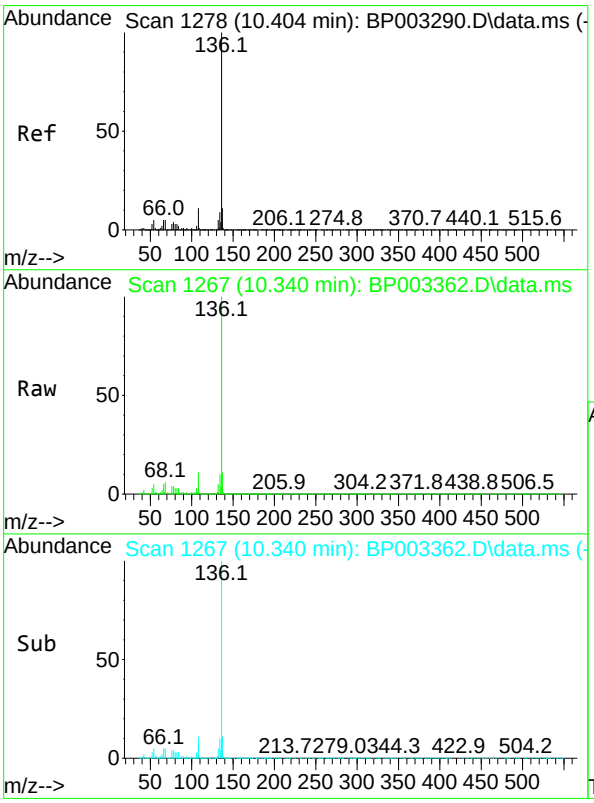


#7
Phenol-d6
Concen: 21.30 ng
RT: 6.763 min Scan# 659
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion: 99 Resp: 332737

Ion	Ratio	Lower	Upper
99	100		
42	11.7	8.6	13.0
71	33.0	23.4	35.2

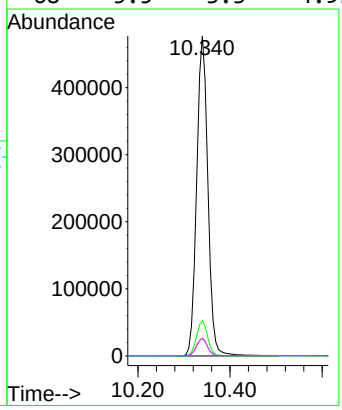




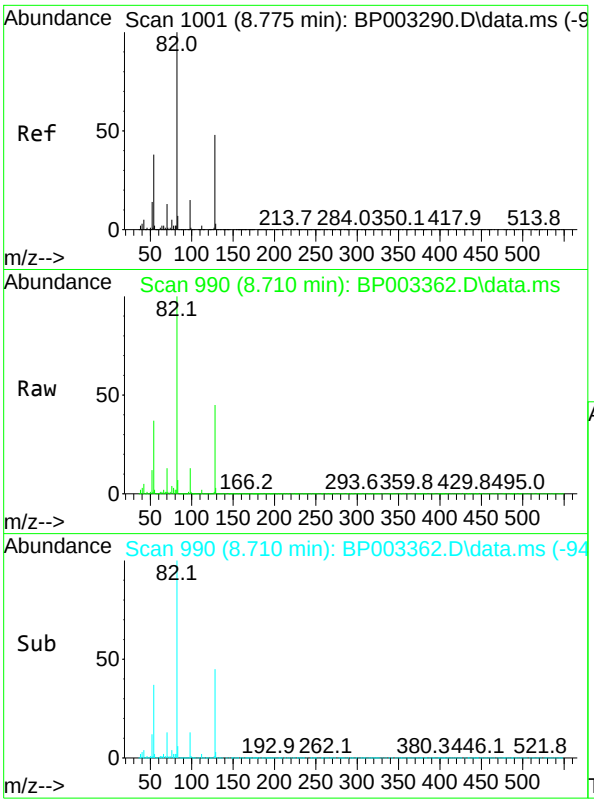
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.340 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:136 Resp: 806981

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.5	3.6	5.4#
68	5.5	3.3	4.9#



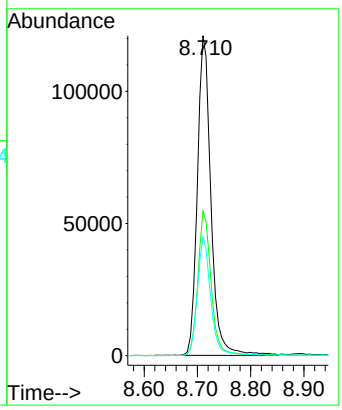
Instrument :
BNA_P
ClientSampleId :
SU-02-092220

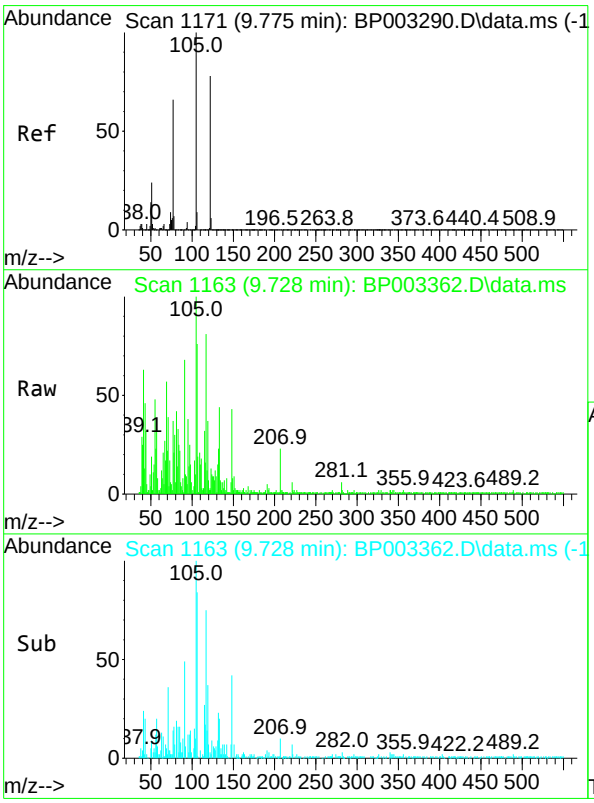


#23
Nitrobenzene-d5
Concen: 15.56 ng
RT: 8.710 min Scan# 990
Delta R.T. -0.012 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion: 82 Resp: 213759

Ion	Ratio	Lower	Upper
82	100		
128	45.2	45.6	68.4#
54	37.1	30.1	45.1

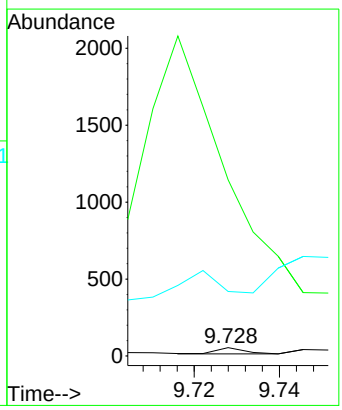




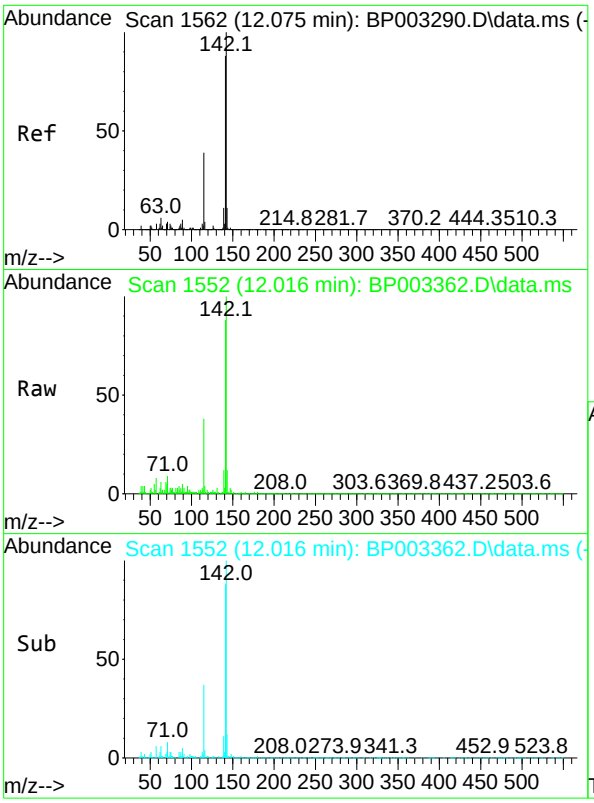
#32
Benzoic acid
Concen: 9.16 ng
RT: 9.728 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:122 Resp: 18

Ion	Ratio	Lower	Upper
122	100		
105	2120.4	94.1	134.1#
77	775.9	50.1	90.1#



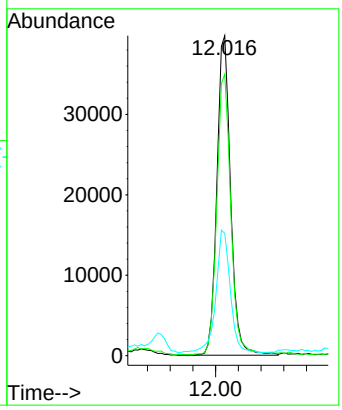
Instrument :
BNA_P
ClientSampleId :
SU-02-092220

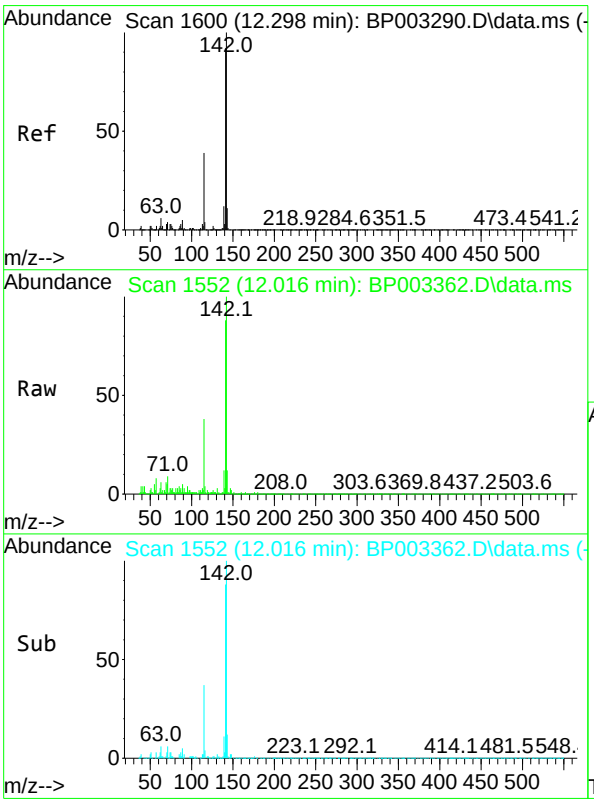


#37
2-Methylnaphthalene
Concen: 2.16 ng
RT: 12.016 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:142 Resp: 66775

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.4	107.2
115	38.2	25.8	38.6

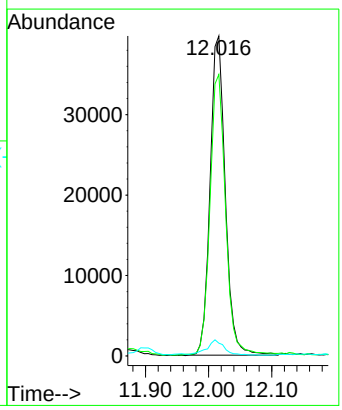




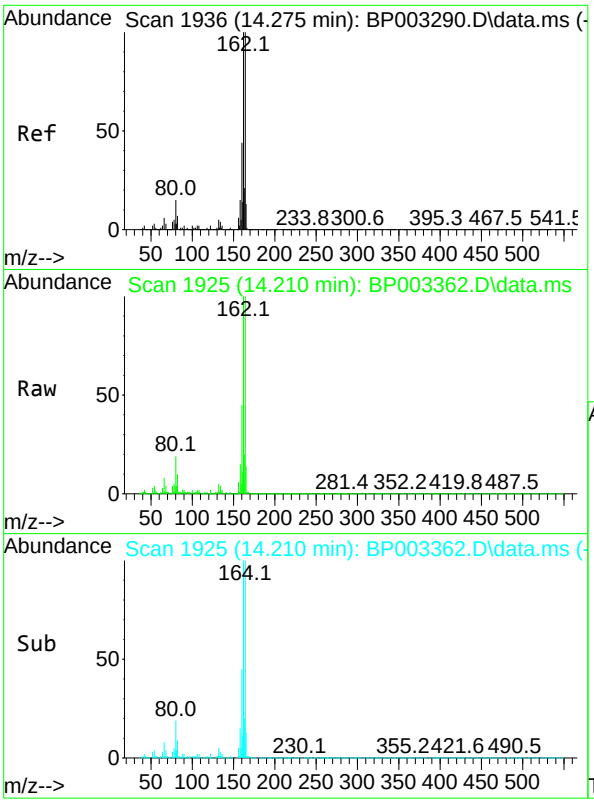
#38
1-Methylnaphthalene
Concen: 2.26 ng
RT: 12.016 min Scan# 1552
Delta R.T. -0.224 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:142 Resp: 66386

Ion	Ratio	Lower	Upper
142	100		
141	87.9	74.4	111.6
116	4.0	2.9	4.3



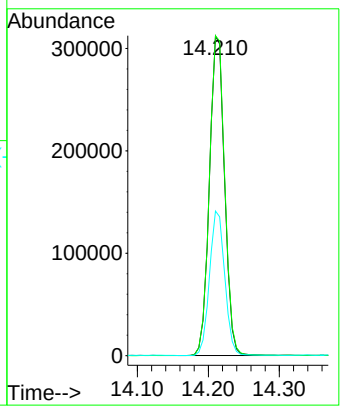
Instrument :
BNA_P
ClientSampleId :
SU-02-092220

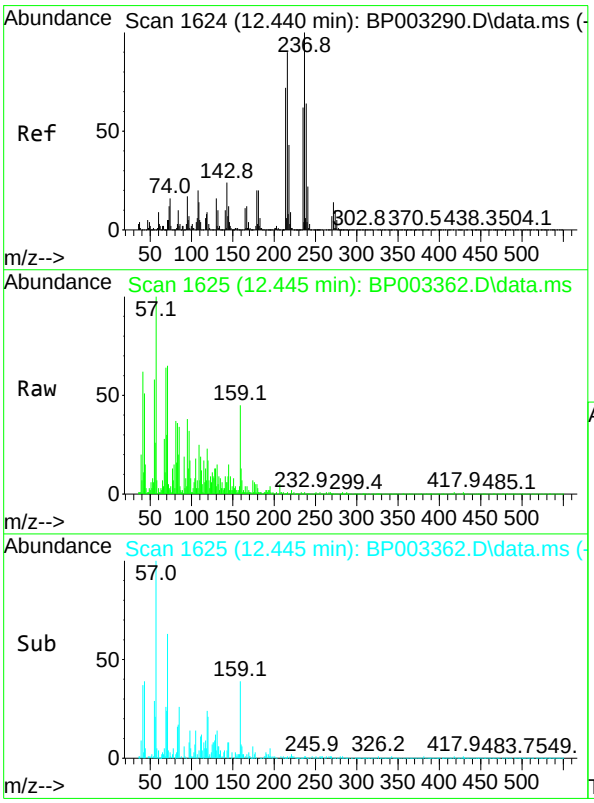


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.210 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:164 Resp: 461935

Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.4	119.2
160	45.2	36.1	54.1

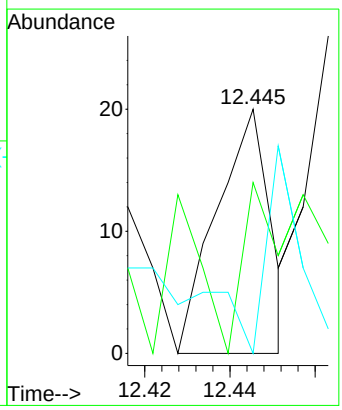




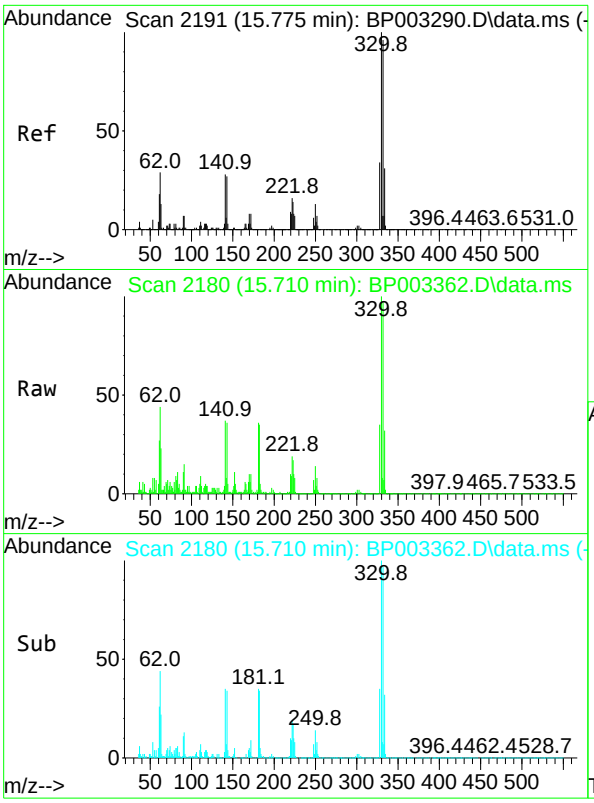
#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.445 min Scan# 1625
Delta R.T. 0.065 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:237 Resp: 18

Ion	Ratio	Lower	Upper
237	100		
235	70.0	43.2	83.2
272	0.0	0.0	33.3



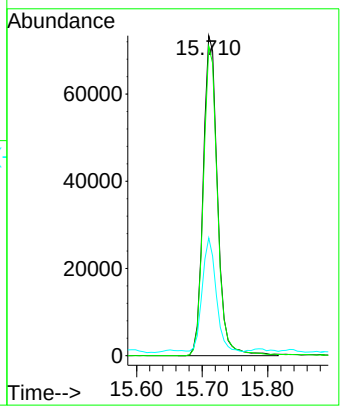
Instrument :
BNA_P
ClientSampleId :
SU-02-092220

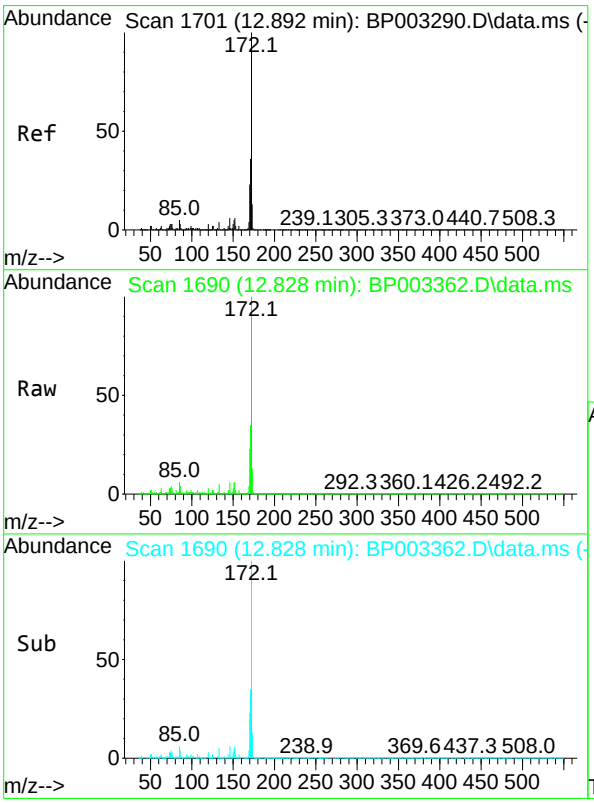


#42
2,4,6-Tribromophenol
Concen: 15.88 ng
RT: 15.710 min Scan# 2180
Delta R.T. -0.012 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:330 Resp: 111853

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	34.2	23.4	35.2

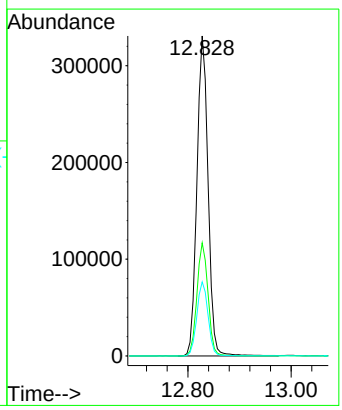




#45
2-Fluorobiphenyl
Concen: 15.70 ng
RT: 12.828 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:172 Resp: 495860

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.1	19.2	28.8



Instrument :
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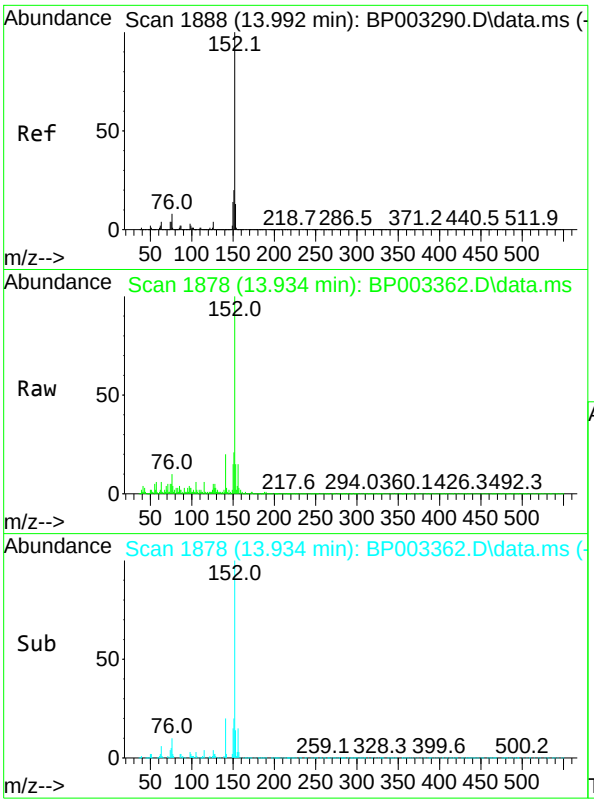
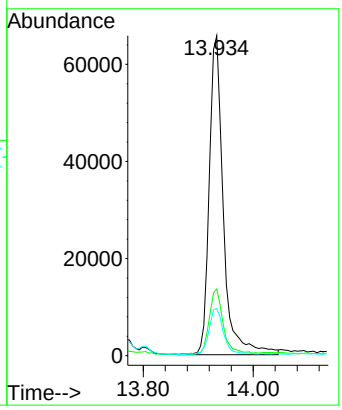
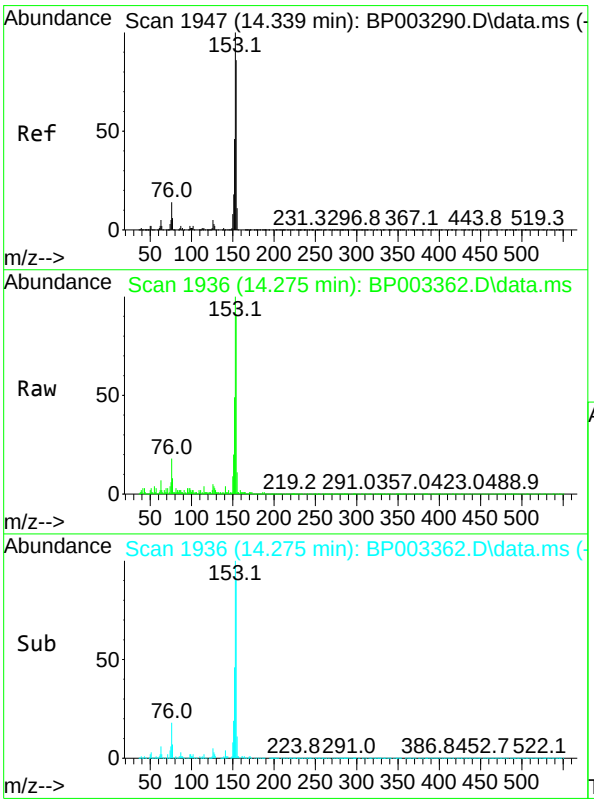


#49
Acenaphthylene
Concen: 2.70 ng
RT: 13.934 min Scan# 1878
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:152 Resp: 117482

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.9	23.9
153	14.7	10.5	15.7

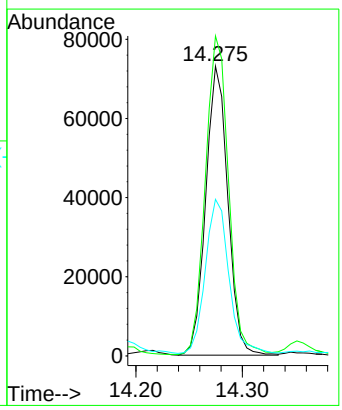




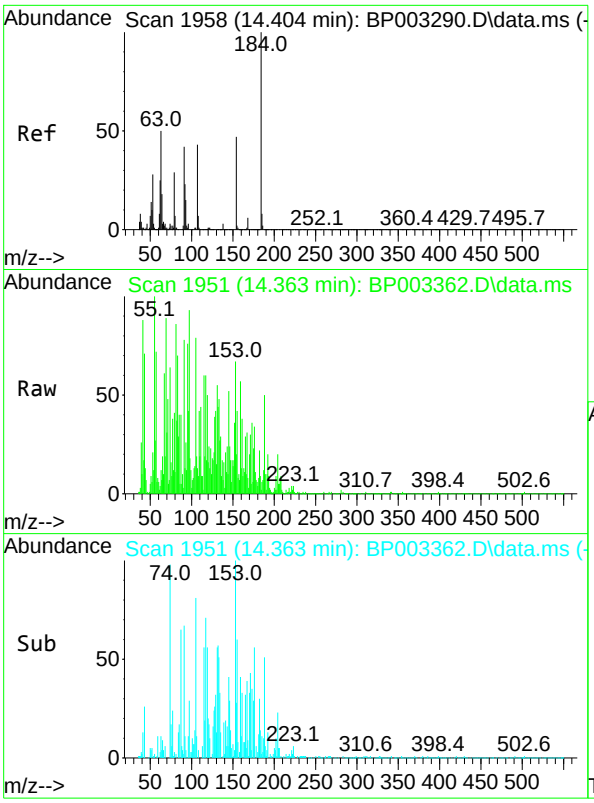
#52
Acenaphthene
Concen: 3.97 ng
RT: 14.275 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:154 Resp: 105205

Ion	Ratio	Lower	Upper
154	100		
153	110.4	91.0	136.6
152	54.1	43.0	64.6



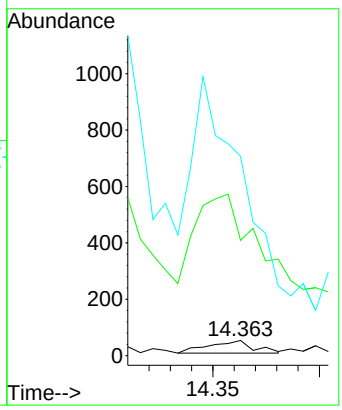
Instrument :
BNA_P
ClientSampleId :
SU-02-092220

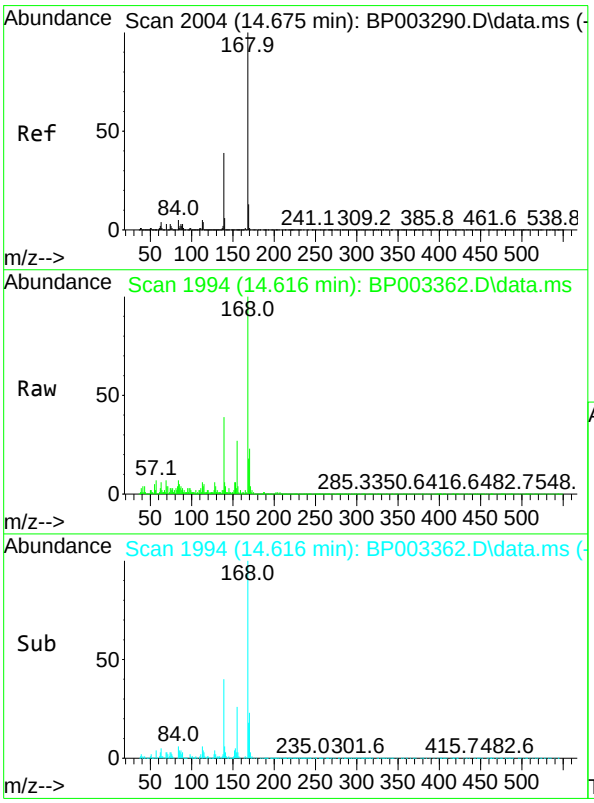


#54
2,4-Dinitrophenol
Concen: 7.27 ng
RT: 14.363 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:184 Resp: 66

Ion	Ratio	Lower	Upper
184	100		
63	757.4	32.3	48.5#
154	1309.3	49.1	73.7#

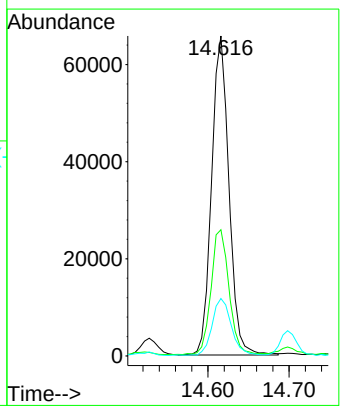




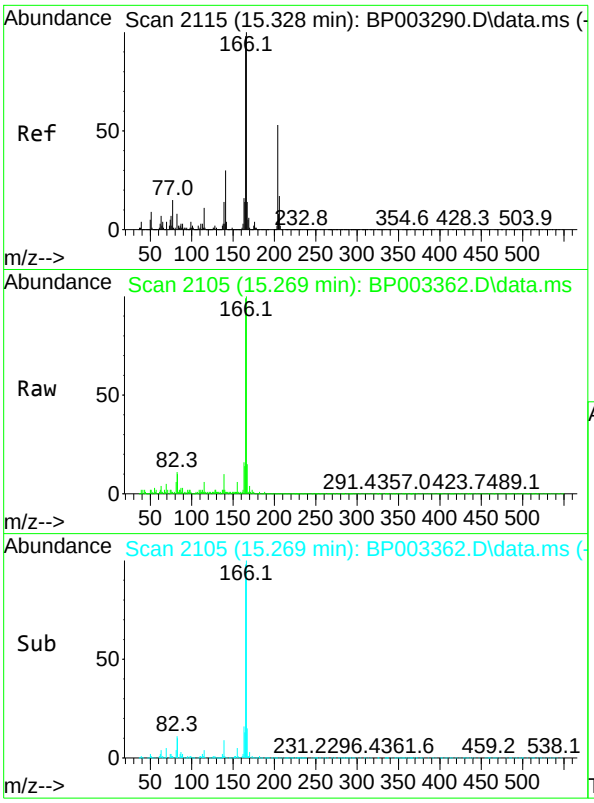
#55
Dibenzofuran
Concen: 2.30 ng
RT: 14.616 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:168 Resp: 97592

Ion	Ratio	Lower	Upper
168	100		
139	39.5	29.1	43.7
169	17.9	10.4	15.6#



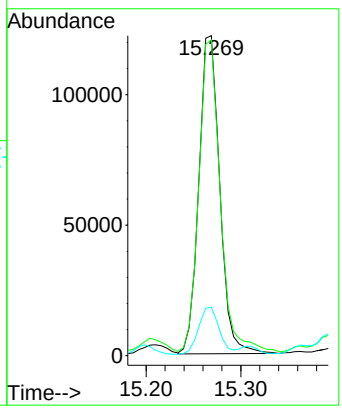
Instrument :
BNA_P
ClientSampleId :
SU-02-092220

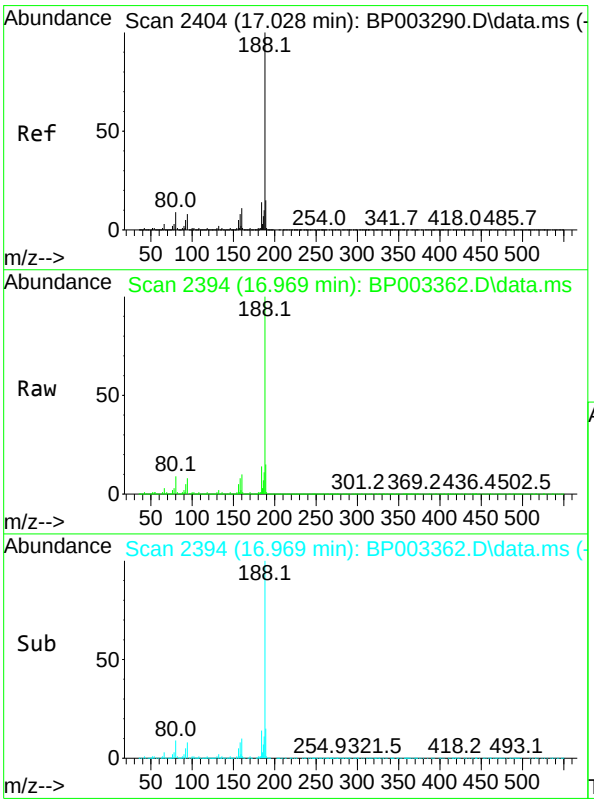


#58
Fluorene
Concen: 5.60 ng
RT: 15.269 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:166 Resp: 187129

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.8
167	15.2	11.0	16.4

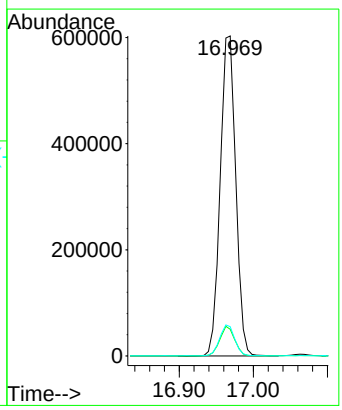




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.969 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:188 Resp: 877300

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.2	9.2
80	9.1	6.2	9.2



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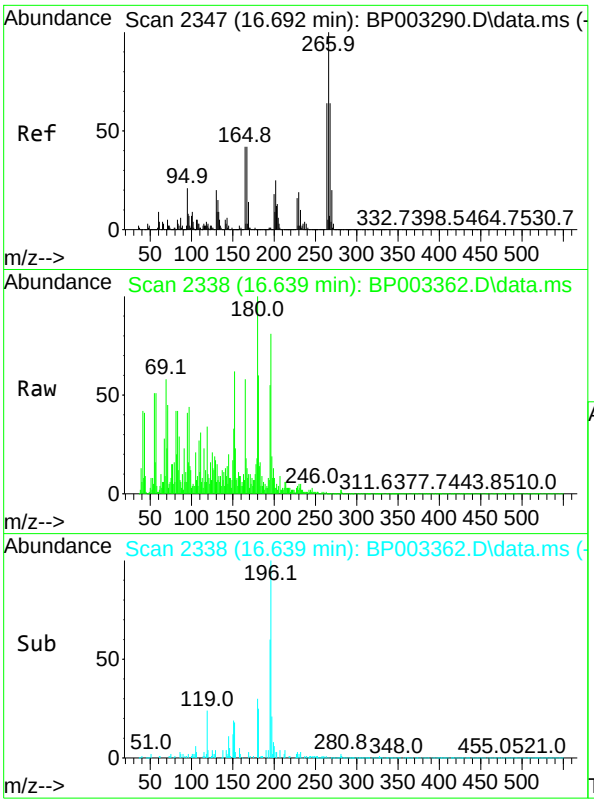
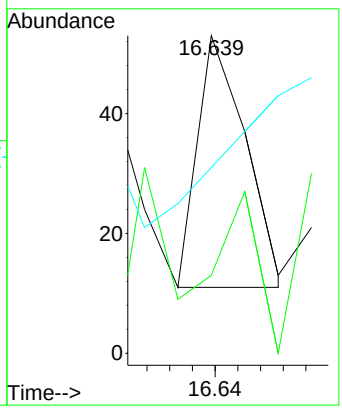
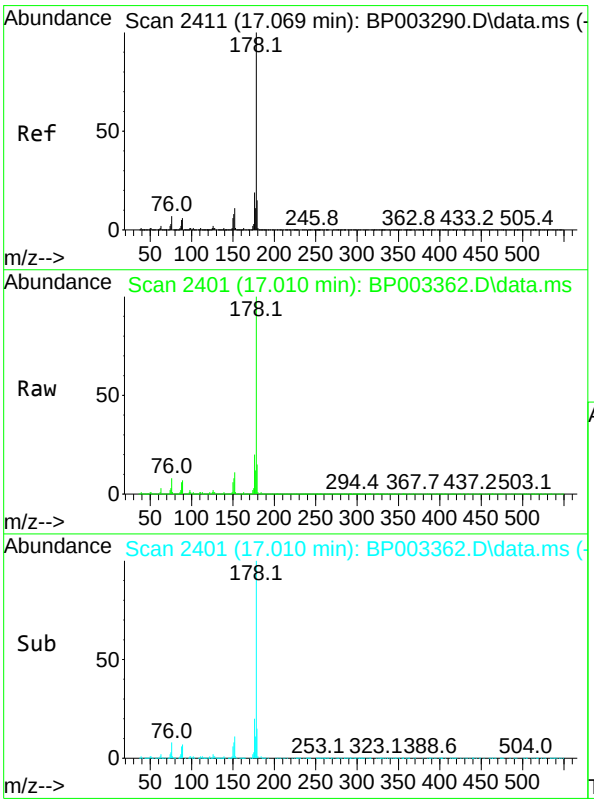


#70
Pentachlorophenol
Concen: 6.77 ng
RT: 16.639 min Scan# 2338
Delta R.T. -0.000 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:266 Resp: 25

Ion	Ratio	Lower	Upper
266	100		
268	24.5	51.1	76.7#
264	58.5	50.6	76.0

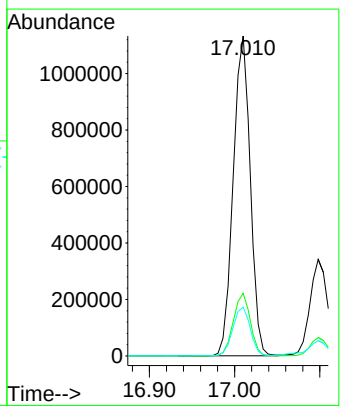


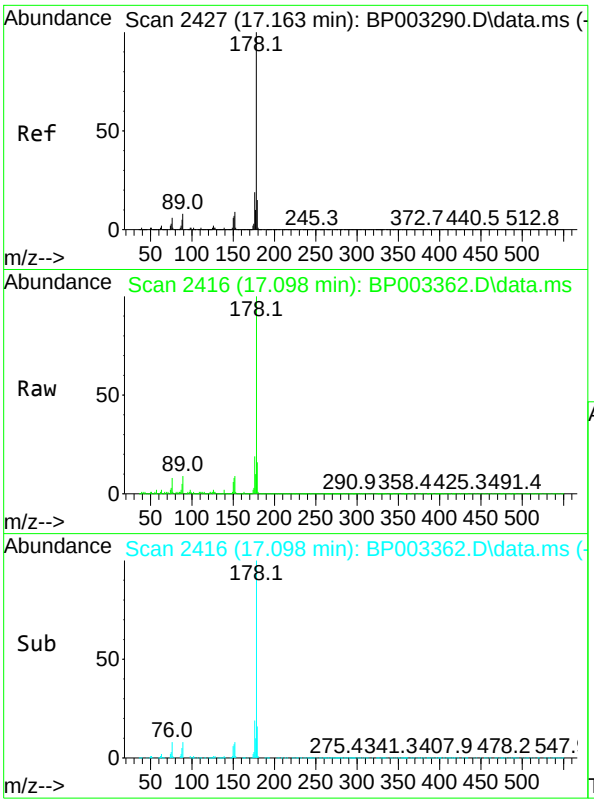


#71
Phenanthrene
Concen: 32.92 ng
RT: 17.010 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:178 Resp: 1571498

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.2	12.5	18.7

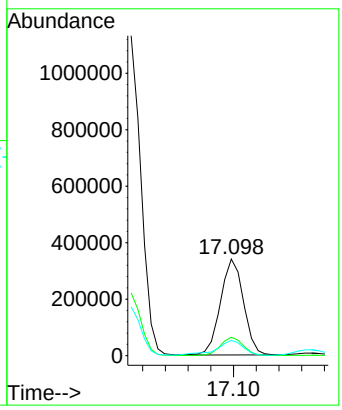




#72
Anthracene
Concen: 10.16 ng
RT: 17.098 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:178 Resp: 477870

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.8	12.5	18.7



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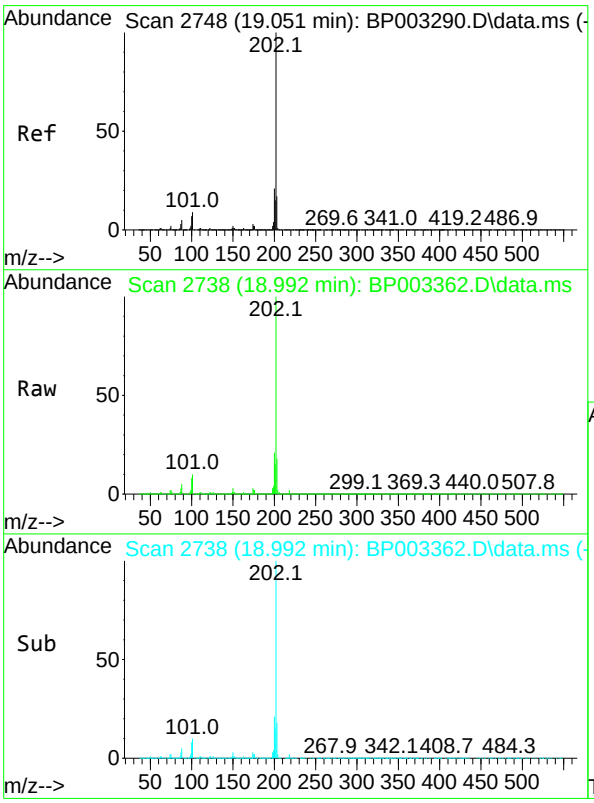
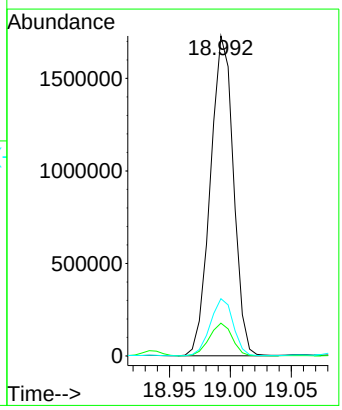


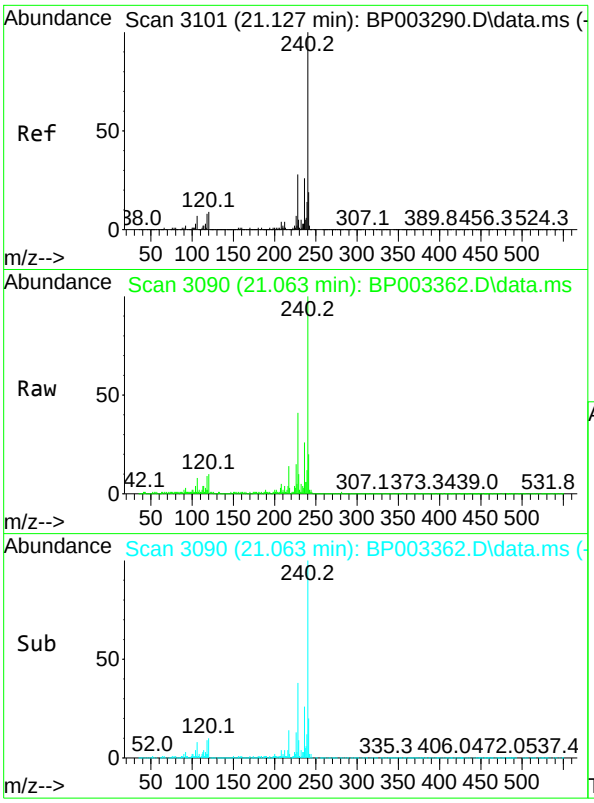
#75
Fluoranthene
Concen: 37.95 ng
RT: 18.992 min Scan# 2738
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:202 Resp: 2277677

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.4
203	17.9	0.0	37.8



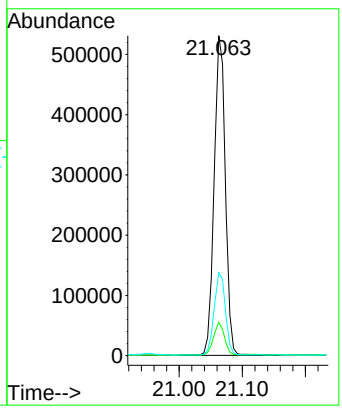
Instrument :
BNA_P
ClientSampleId :
SU-02-092220

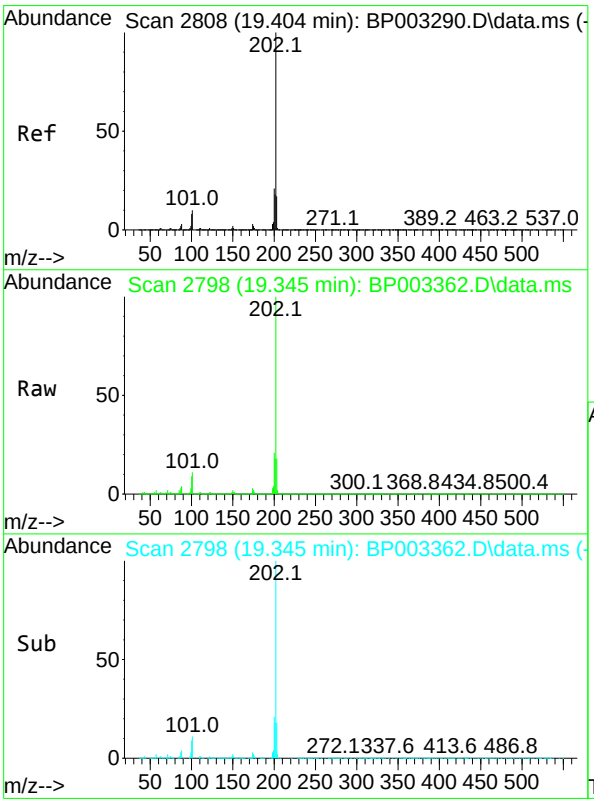


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.063 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:240 Resp: 653150

Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.8	11.6
236	25.9	20.8	31.2

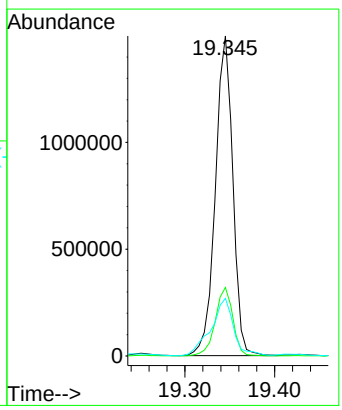




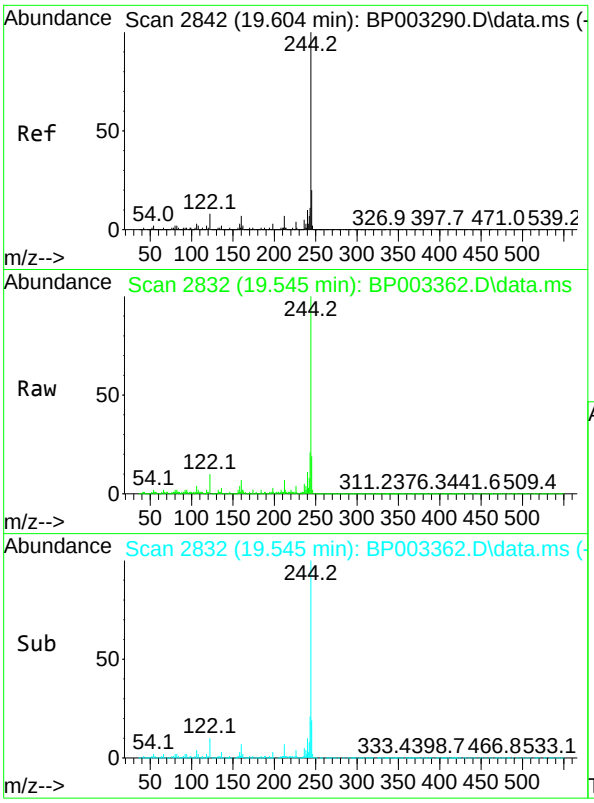
#78
Pyrene
Concen: 49.71 ng
RT: 19.345 min Scan# 2798
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:202 Resp: 2024849

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	18.0	14.2	21.2



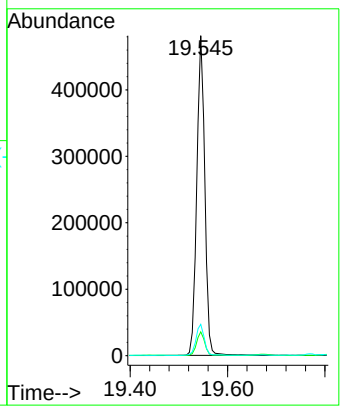
Instrument :
BNA_P
ClientSampleId :
SU-02-092220

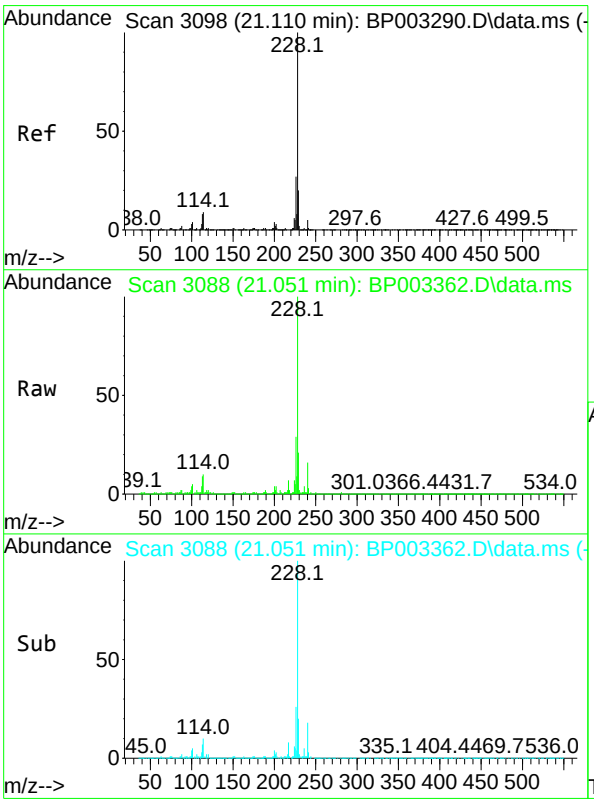


#79
Terphenyl-d14
Concen: 17.73 ng
RT: 19.545 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:244 Resp: 555705

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	9.8	7.8	11.8

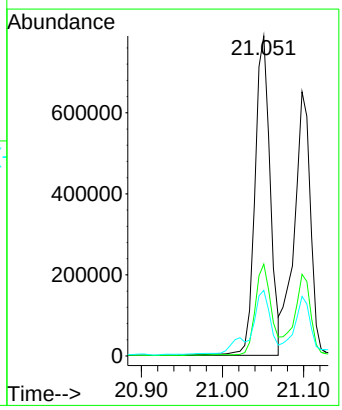




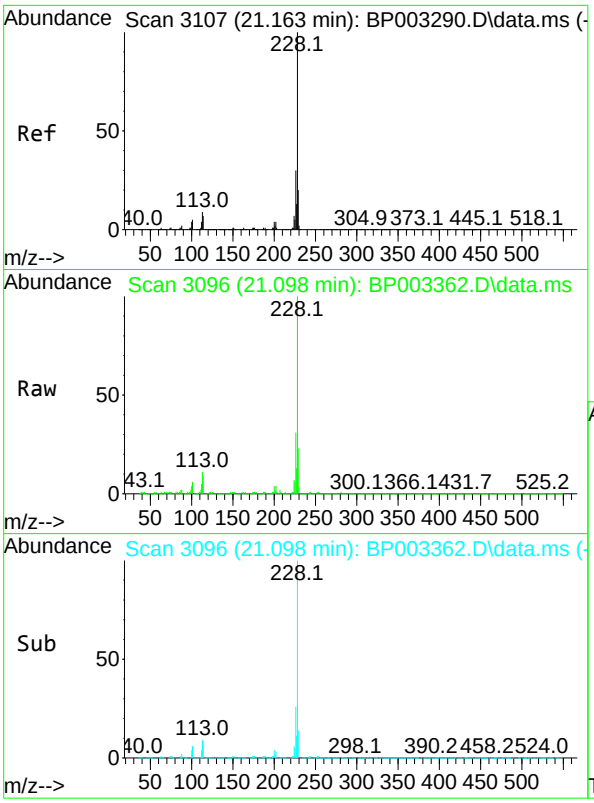
#81
Benzo(a)anthracene
Concen: 24.21 ng
RT: 21.051 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:228 Resp: 1022257

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.1	33.1
229	20.5	15.9	23.9



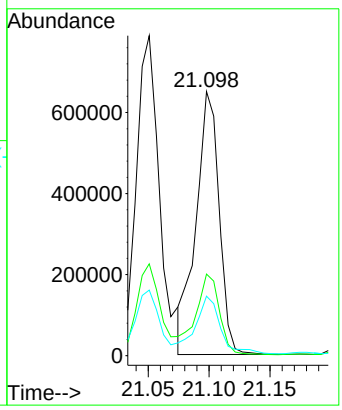
Instrument :
BNA_P
ClientSampleId :
SU-02-092220

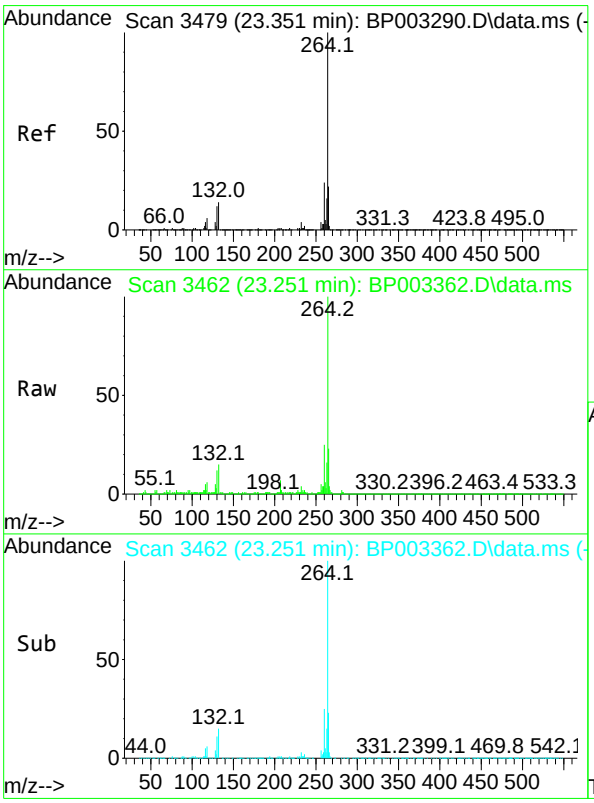


#83
Chrysene
Concen: 21.22 ng
RT: 21.098 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:228 Resp: 860955

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	22.5	15.8	23.6

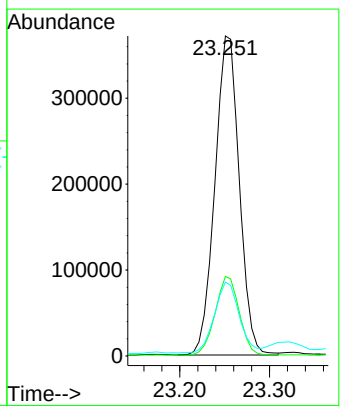




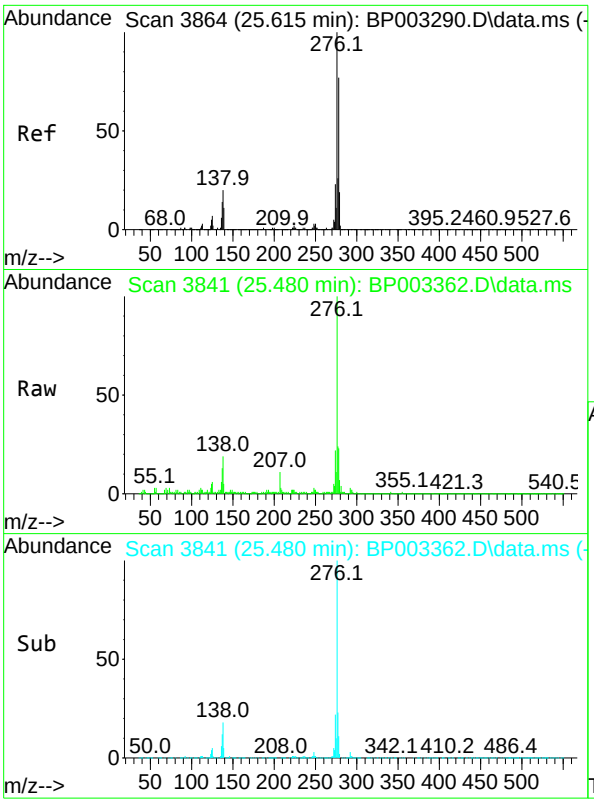
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.251 min Scan# 3462
Delta R.T. -0.012 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:264 Resp: 700519

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.8	28.2
265	23.1	17.4	26.2



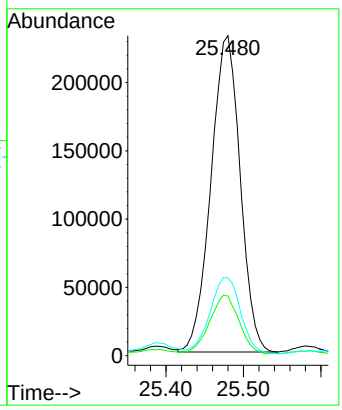
Instrument :
BNA_P
ClientSampleId :
SU-02-092220

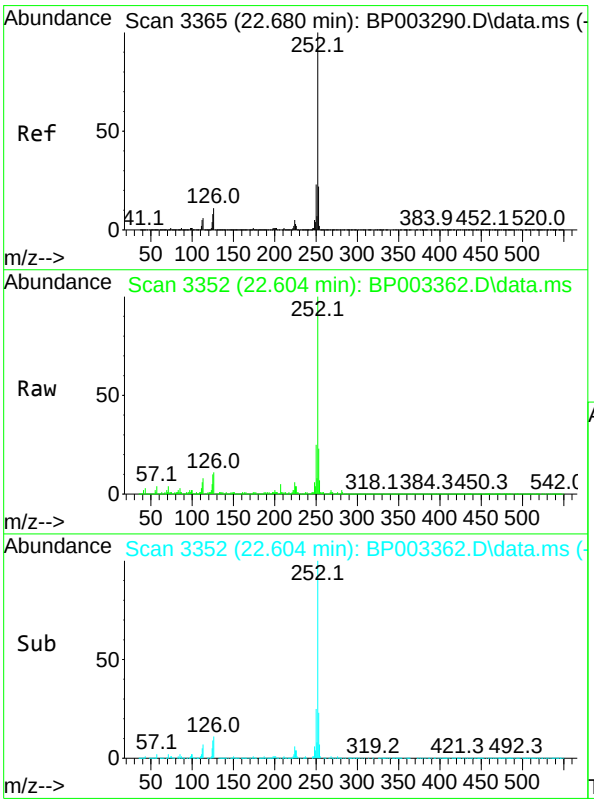


#87
Indeno(1,2,3-cd)pyrene
Concen: 11.44 ng
RT: 25.480 min Scan# 3841
Delta R.T. -0.012 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:276 Resp: 607657

Ion	Ratio	Lower	Upper
276	100		
138	18.6	18.7	28.1#
277	25.4	20.4	30.6

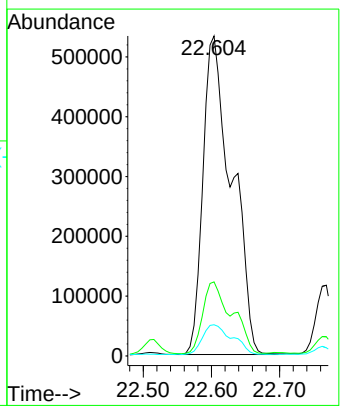




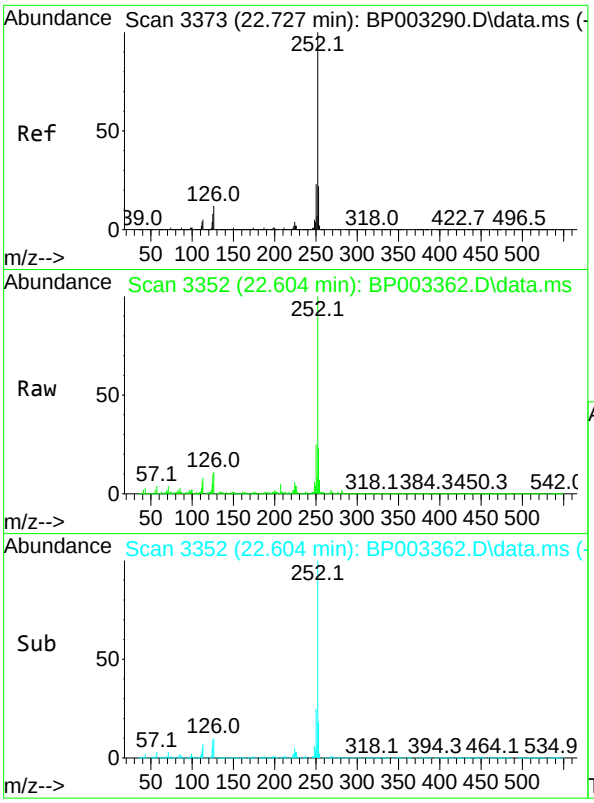
#88
Benzo(b)fluoranthene
Concen: 35.46 ng
RT: 22.604 min Scan# 3352
Delta R.T. -0.000 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:252 Resp: 1568619

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	9.7	7.3	10.9



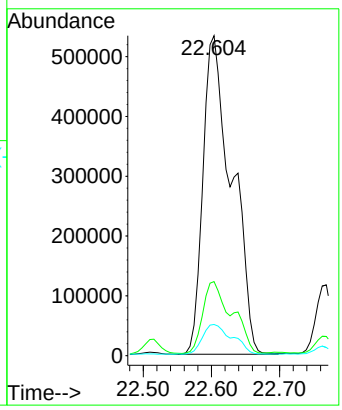
Instrument :
BNA_P
ClientSampleId :
SU-02-092220

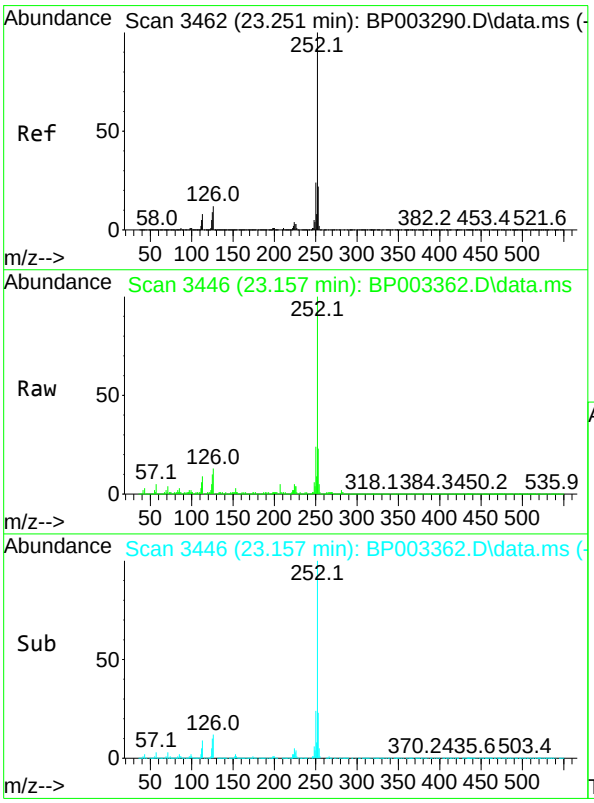


#89
Benzo(k)fluoranthene
Concen: 37.00 ng
RT: 22.604 min Scan# 3352
Delta R.T. -0.047 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:252 Resp: 1568619

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	9.7	7.4	11.2

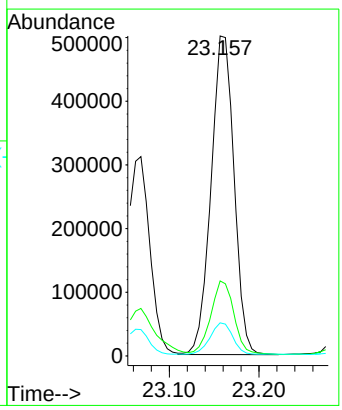




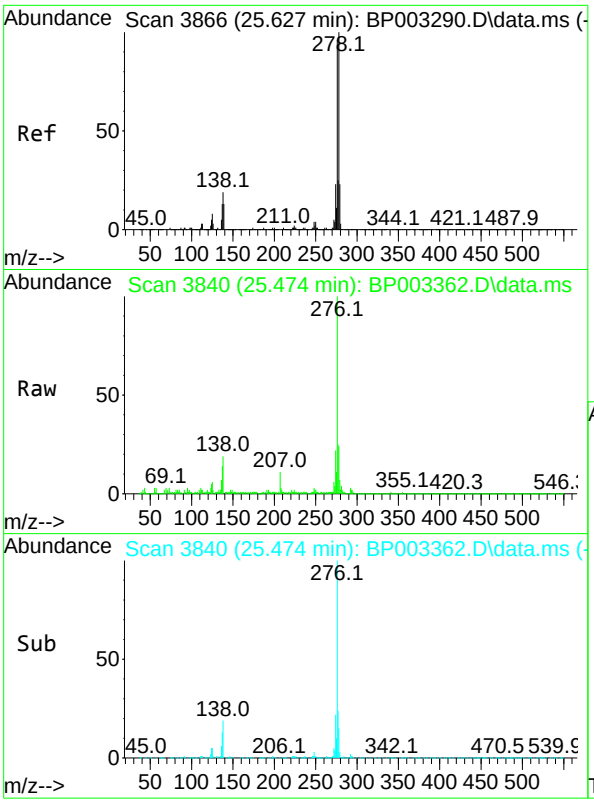
#90
Benzo(a)pyrene
Concen: 21.42 ng
RT: 23.157 min Scan# 3446
Delta R.T. -0.012 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:252 Resp: 893465

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	10.4	8.2	12.4



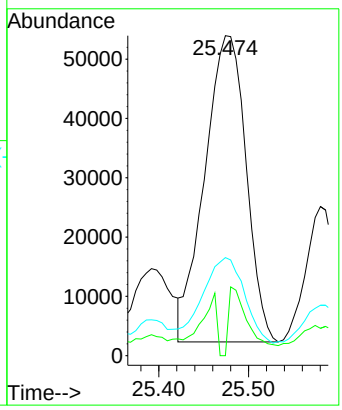
Instrument :
BNA_P
ClientSampleId :
SU-02-092220

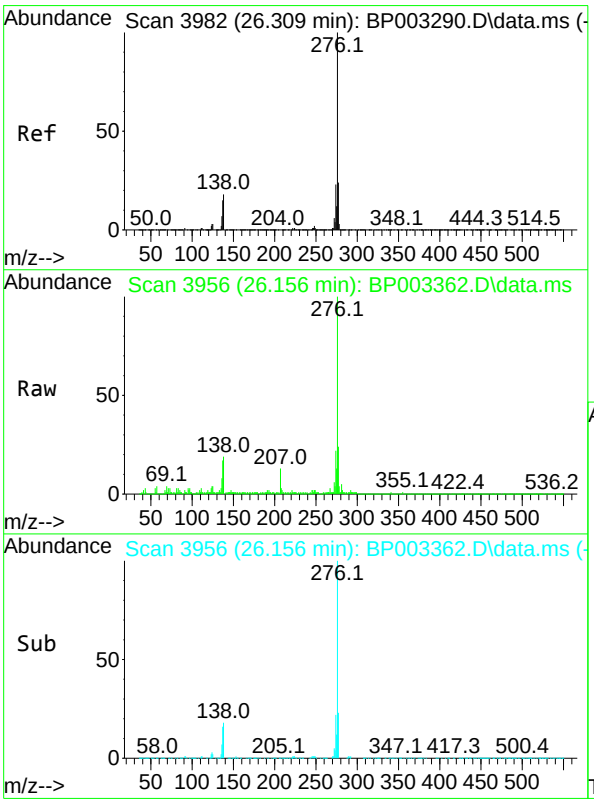


#91
Dibenzo(a,h)anthracene
Concen: 3.78 ng
RT: 25.474 min Scan# 3840
Delta R.T. -0.024 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:278 Resp: 165611

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.4	18.6#
279	30.6	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 13.25 ng
RT: 26.156 min Scan# 3956
Delta R.T. -0.006 min
Lab File: BP003362.D
Acq: 23 Sep 2020 17:47

Tgt Ion:276 Resp: 579764

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.6
138	19.4	16.6	24.8