Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000878.D
Acq On : 18 Oct 2019 16:13
Operator : JU
Sample : K5152-06DL 20X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-01-101519DL

Manual Integrations APPROVED
mohammad
10/22/2019 1:39:19 AM

Quant Time: Oct 18 16:57:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 16:40:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	148444	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	560571	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	314336	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	578494	20.00	ng	0.00
76) Chrysene-d12	13.96	240	499525	20.00	ng	0.00
87) Perylene-d12	15.44	264	585475	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	41214	4.46	ng	0.00
7) Phenol-d6	6.39	99	59082	5.31	ng	0.00
23) Nitrobenzene-d5	7.30	82	31140	3.39	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	16673	4.98	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	83848	4.32	ng	0.00
79) Terphenyl-d14	12.89	244	102525	4.16	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	9.82	154	54775	3.262	ng	99
55) Dibenzofuran	9.99	168	65358	2.604	ng	95
58) Fluorene	10.34	166	104774	5.857	ng	99
71) Phenanthrene	11.31	178	1133646	39.019	ng	100
72) Anthracene	11.36	178	355175	12.329	ng	99
75) Fluoranthene	12.52	202	1559213	47.784	ng	99
78) Pyrene	12.75	202	1279135	37.128	ng	100
81) Benzo(a)anthracene	13.95	228	729795	23.945	ng	98
83) Chrysene	13.99	228	560583	18.740	ng	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	369812	9.897	ng	96
88) Benzo(b)fluoranthene	15.01	252	768915m	23.149	ng	
89) Benzo(k)fluoranthene	15.04	252	269982m	8.538	ng	
90) Benzo(a)pyrene	15.37	252	566996	18.312	ng	97
91) Dibenzo(a,h)anthracene	16.91	278	95087m	3.166	ng	
92) Benzo(g,h,i)perylene	17.34	276	348007	11.404	ng	99

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

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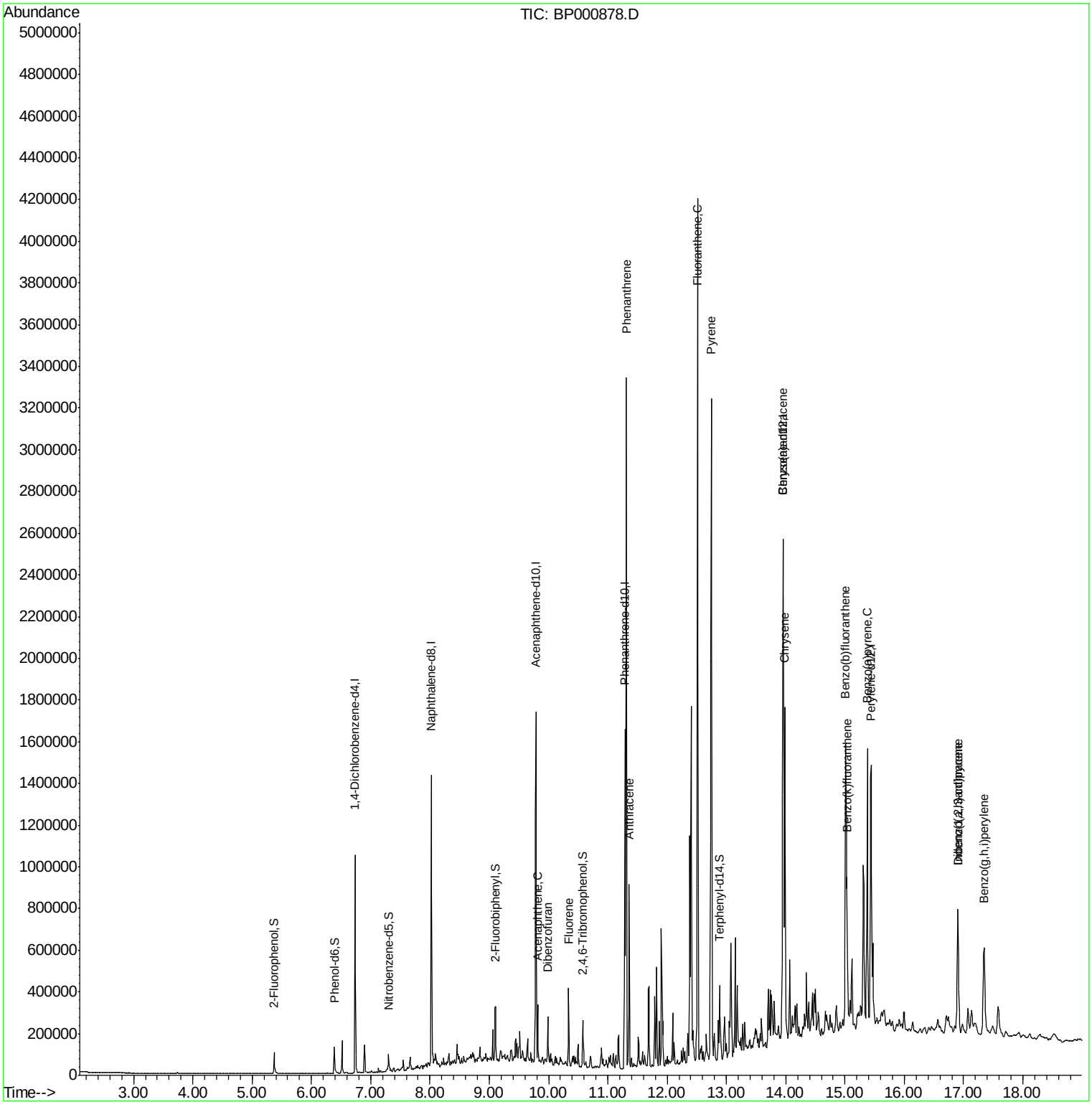
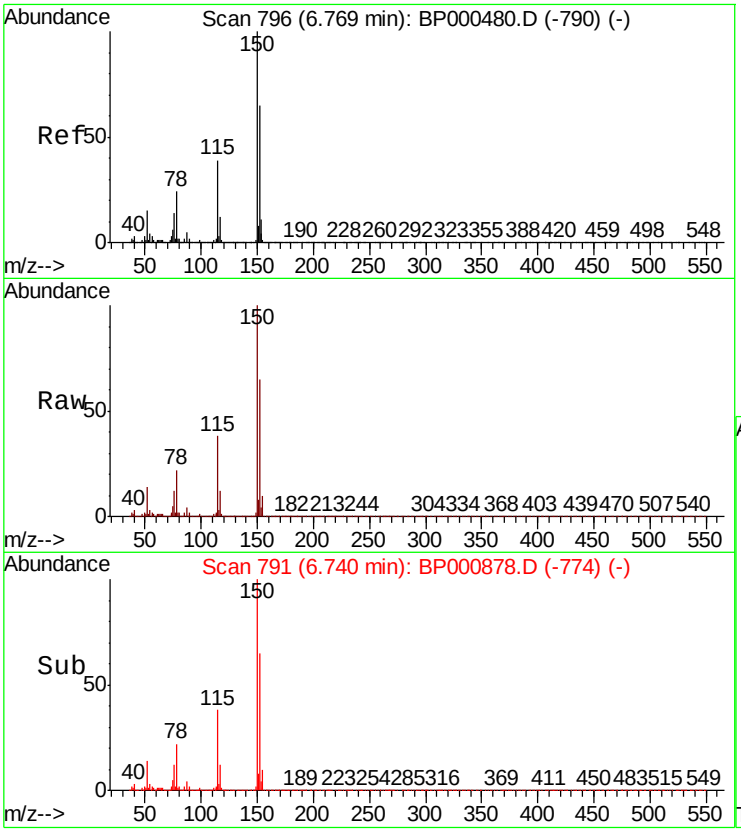
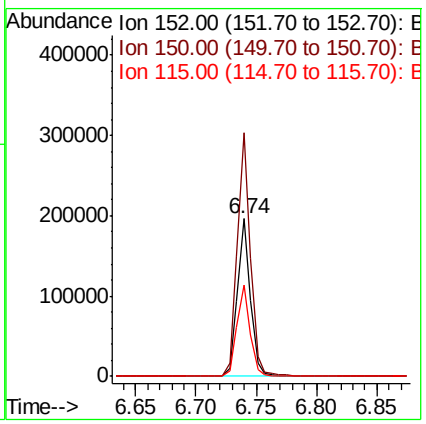




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:152 Resp: 148444

Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.8	185.8
115	58.2	46.8	70.2



Instrument :
BNA_P
ClientSampleId :
SU-01-101519DL

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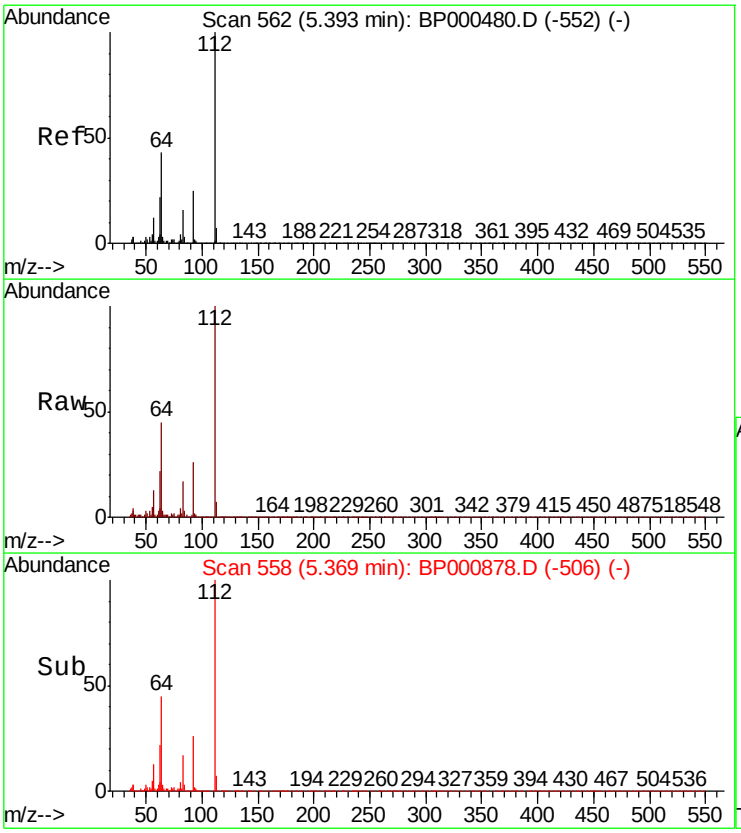
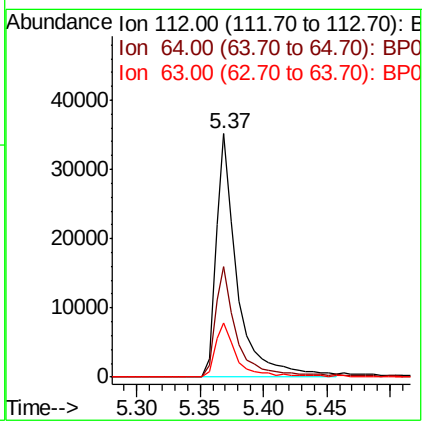
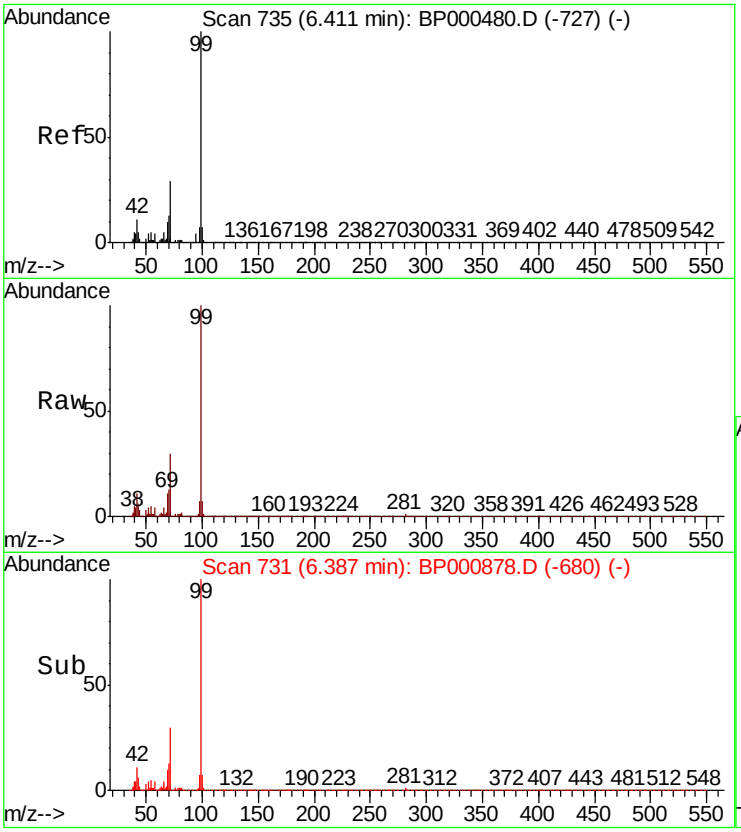


#5
2-Fluorophenol
Concen: 4.463 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.01 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:112 Resp: 41214

Ion	Ratio	Lower	Upper
112	100		
64	45.2	33.9	50.9
63	22.1	17.4	26.0

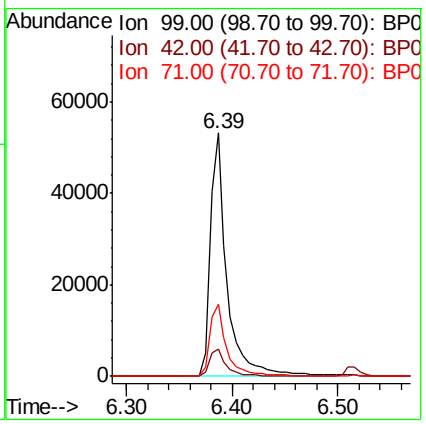




#7
Phenol-d6
Concen: 5.309 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.00 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion: 99 Resp: 59082

Ion	Ratio	Lower	Upper
99	100		
42	11.0	8.7	13.1
71	29.7	24.1	36.1



Instrument :
BNA_P
ClientSampleId :
SU-01-101519DL

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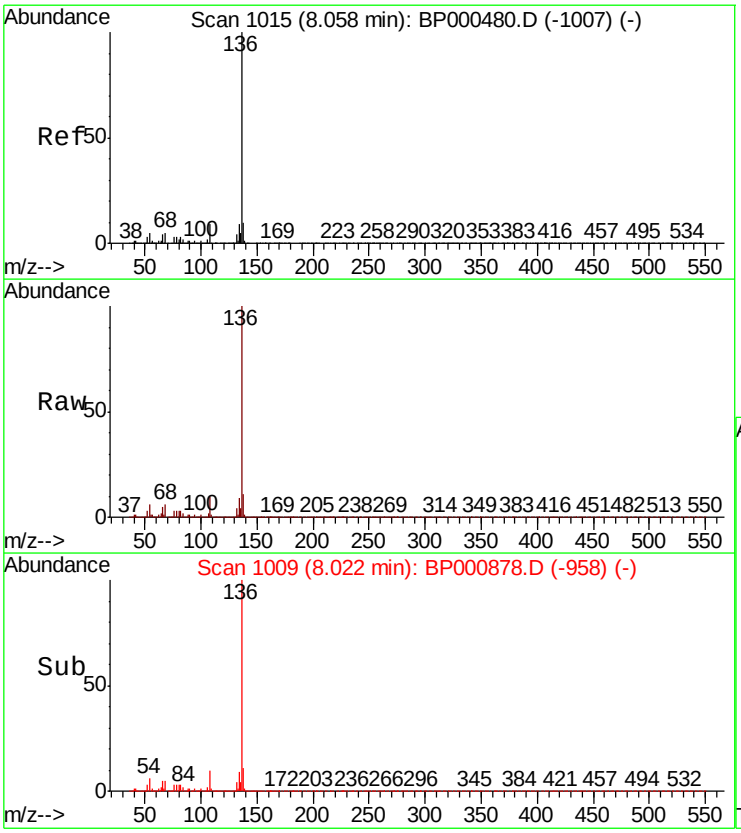
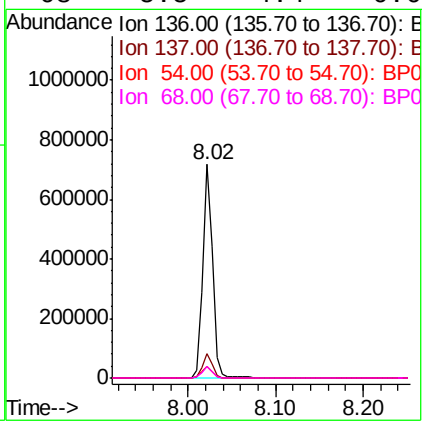
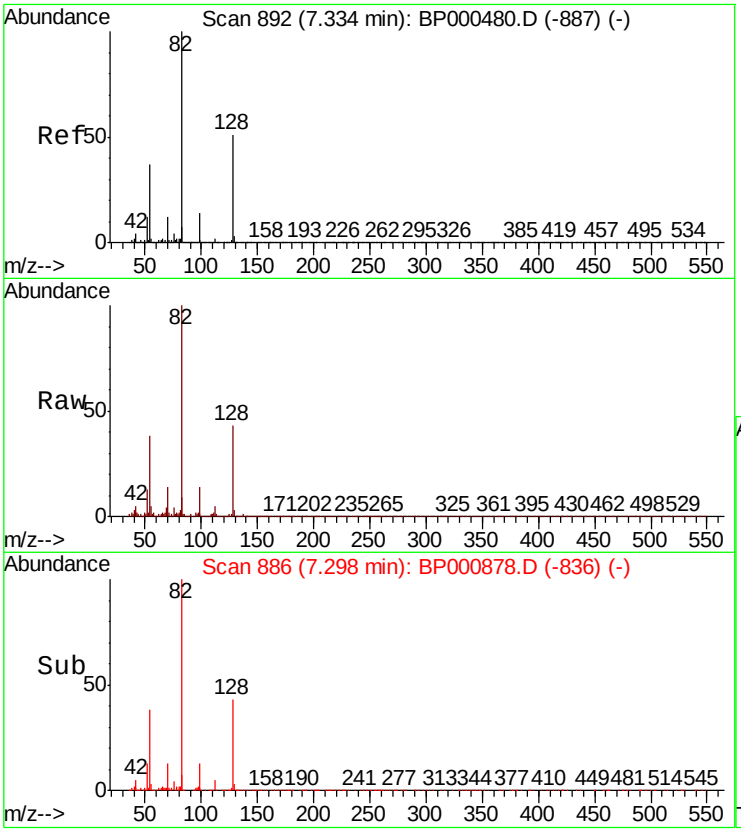


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:136 Resp: 560571

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	5.6	4.6	6.8
68	5.5	4.4	6.6

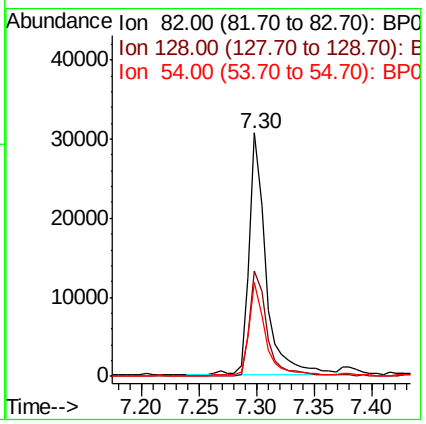




#23
Nitrobenzene-d5
Concen: 3.393 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion: 82 Resp: 31140

Ion	Ratio	Lower	Upper
82	100		
128	43.4	41.2	61.8
54	38.4	30.6	45.8



Instrument :
BNA_P
ClientSampleId :
SU-01-101519DL

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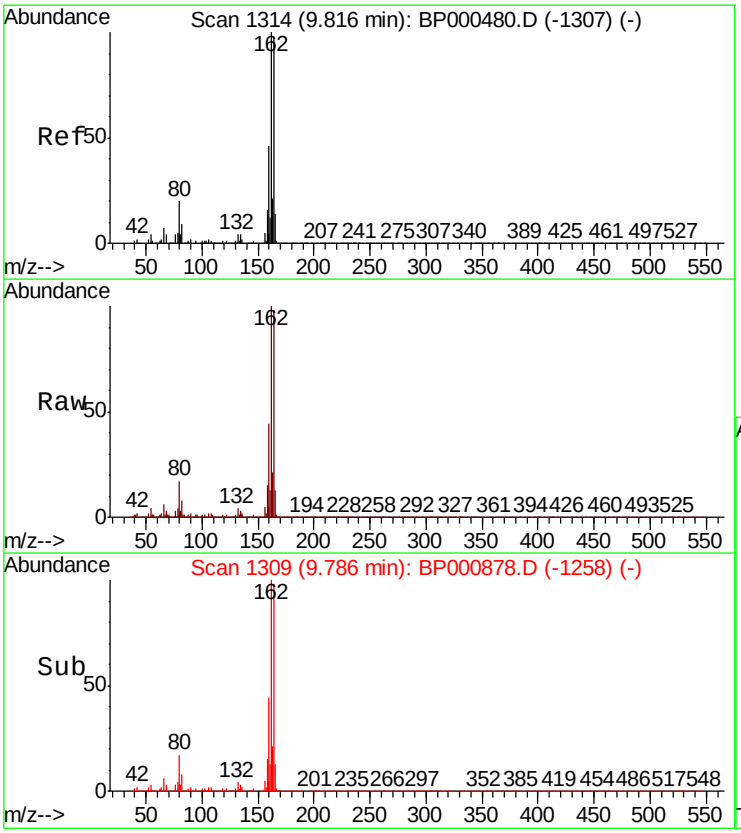
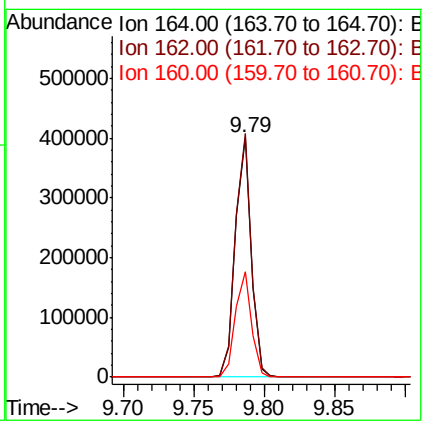
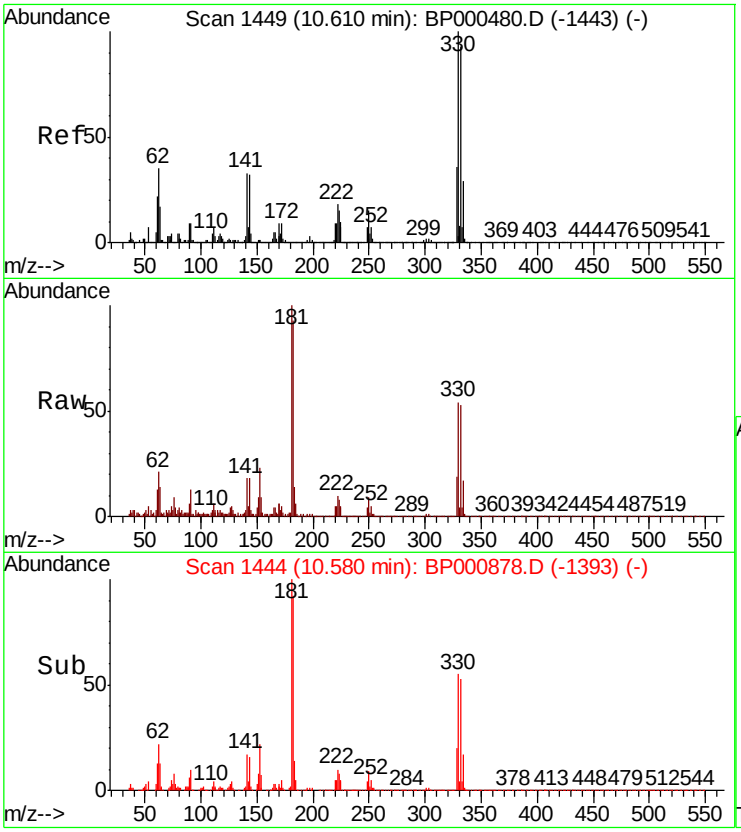


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:164 Resp: 314336

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	121.0
160	44.2	35.4	53.2





#42
2,4,6-Tribromophenol
Concen: 4.978 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:330 Resp: 16673

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.2	117.4
141	29.5	23.7	35.5

Instrument :
BNA_P
ClientSampleId :
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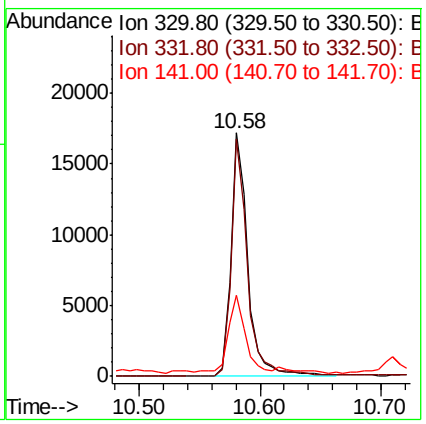
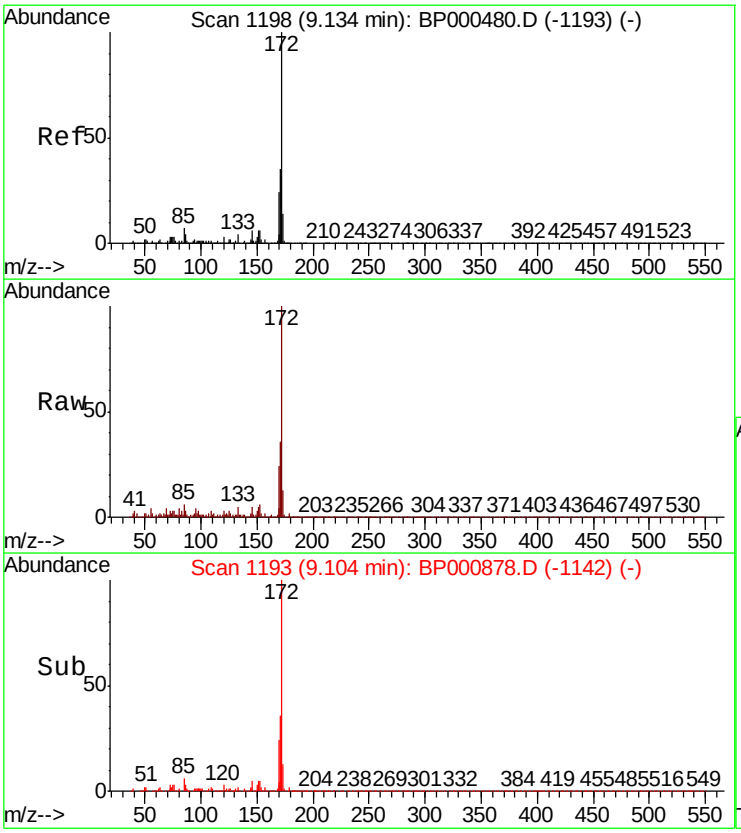
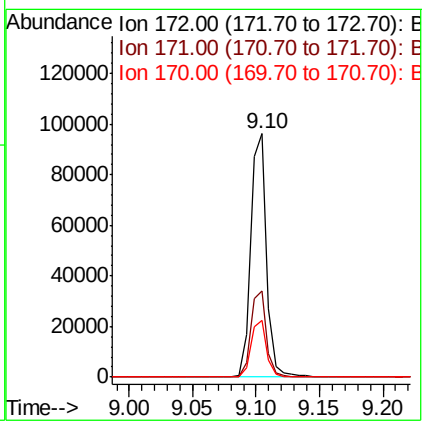


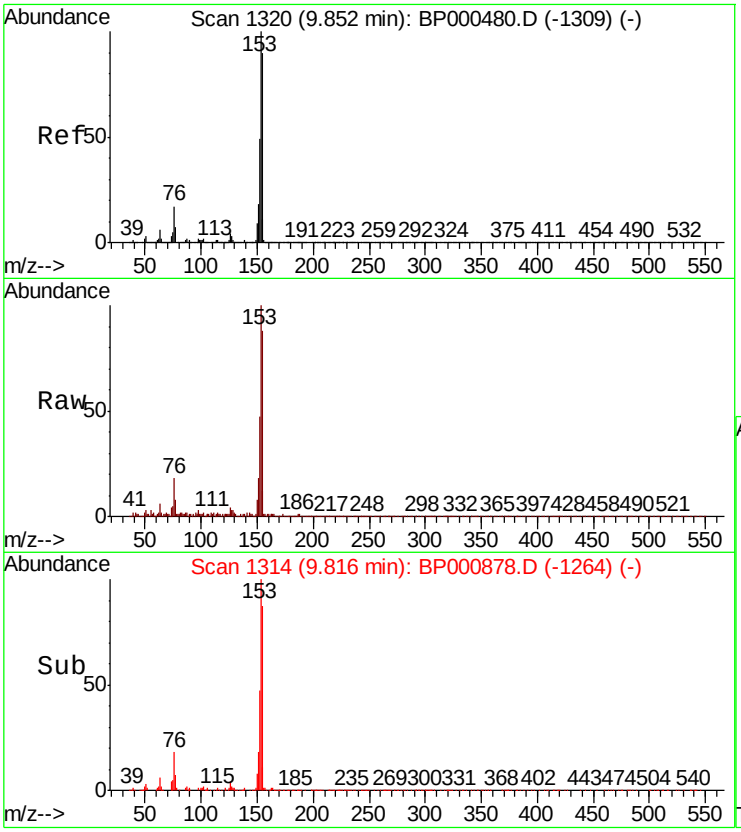


#45
2-Fluorobiphenyl
Concen: 4.316 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:172 Resp: 83848

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	23.6	19.3	28.9

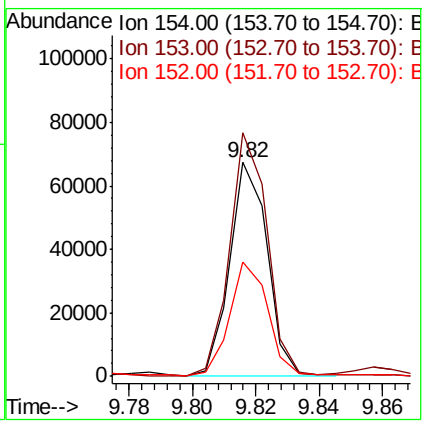




#52
Acenaphthene
Concen: 3.262 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:154 Resp: 54775

Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.4	135.6
152	53.8	42.5	63.7



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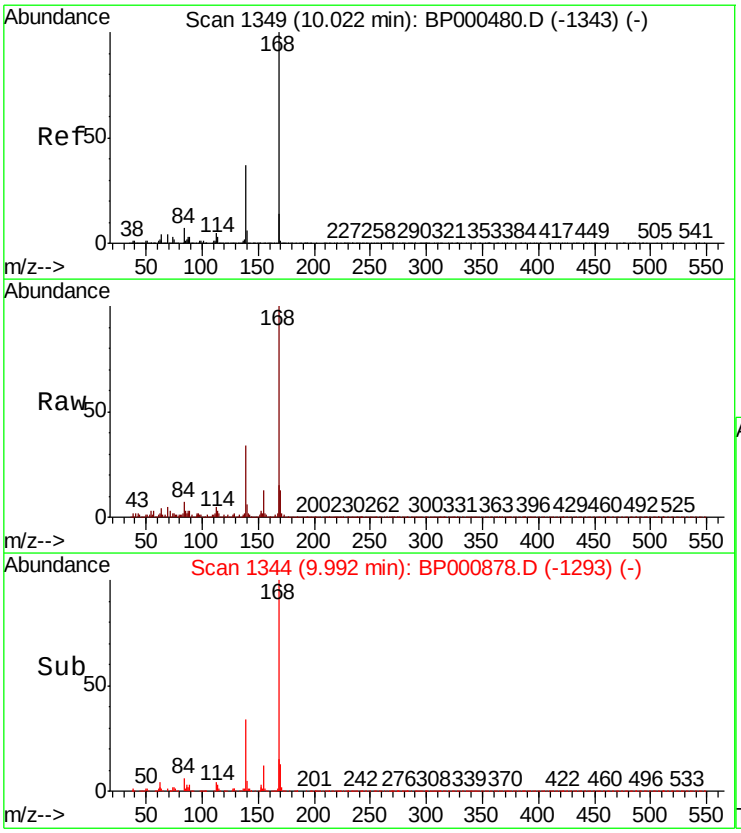
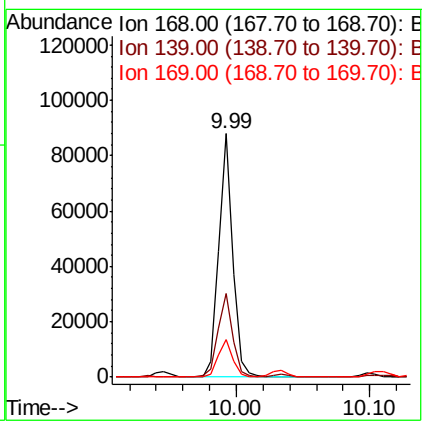
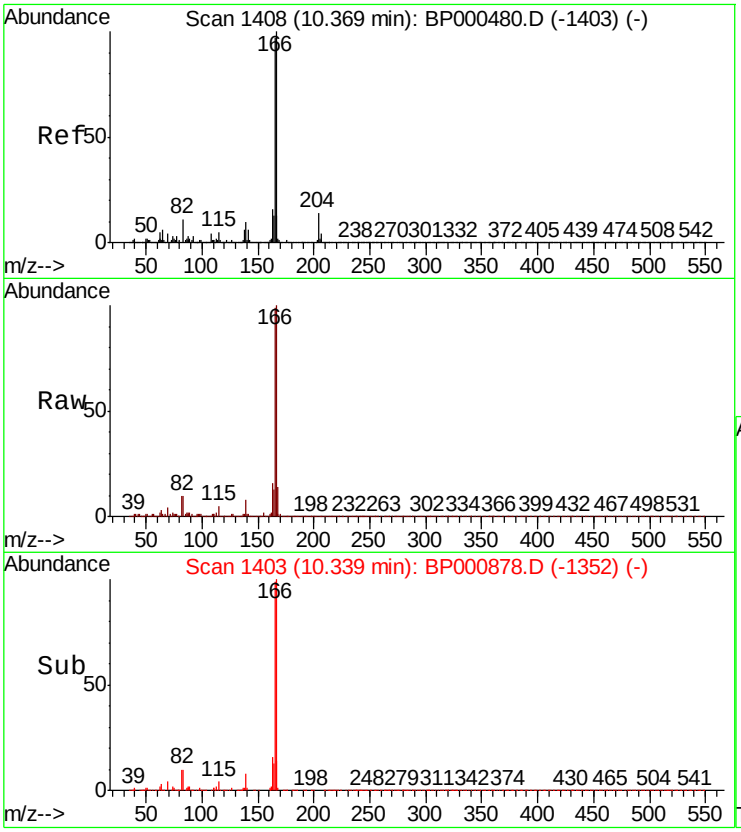


#55
Dibenzofuran
Concen: 2.604 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:168 Resp: 65358

Ion	Ratio	Lower	Upper
168	100		
139	34.2	29.8	44.6
169	15.3	10.9	16.3

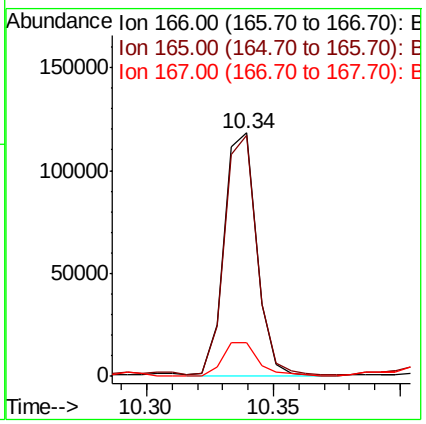




#58
Fluorene
Concen: 5.857 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:166 Resp: 104774

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.4	117.6
167	14.0	10.6	15.8



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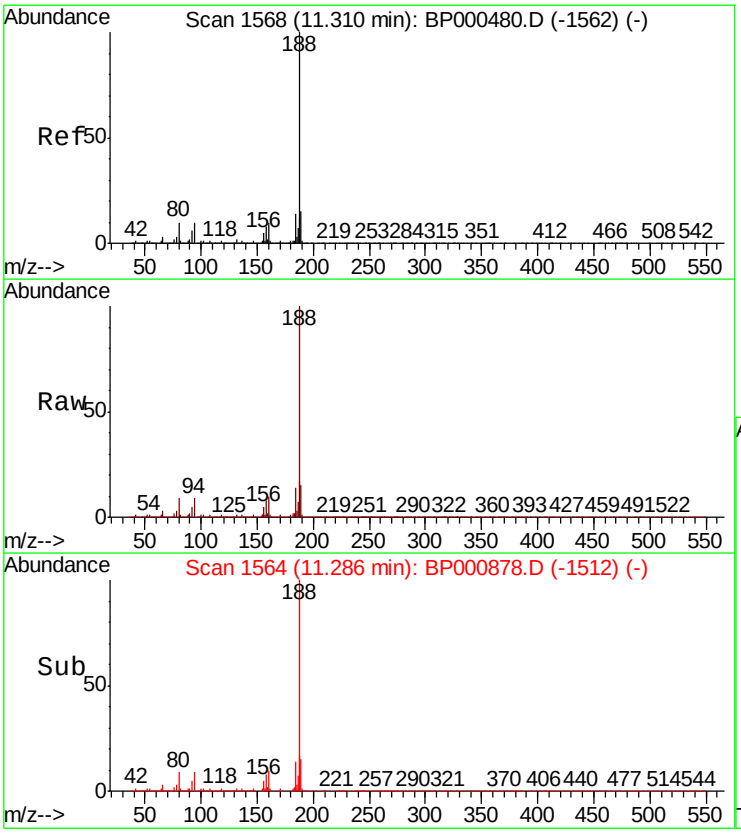
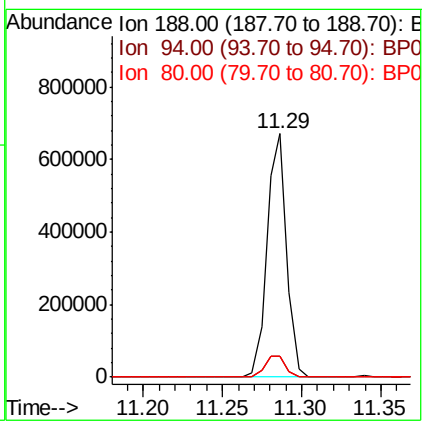
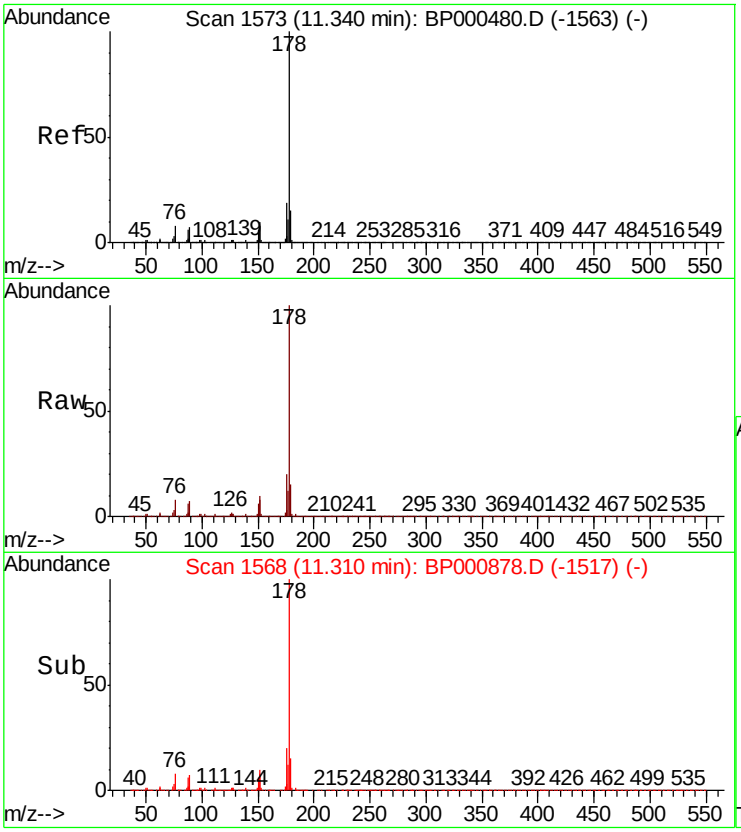


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:188 Resp: 578494

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.0	12.0
80	8.5	8.2	12.4

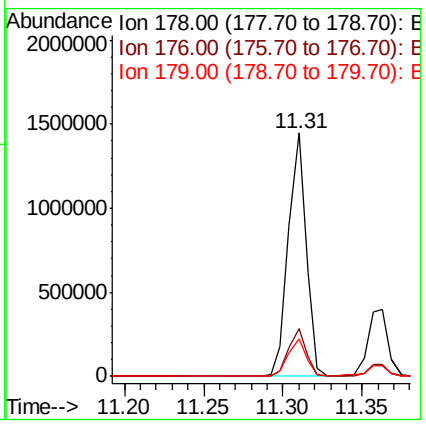




#71
Phenanthrene
Concen: 39.019 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:178 Resp: 1133646

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.4	12.5	18.7



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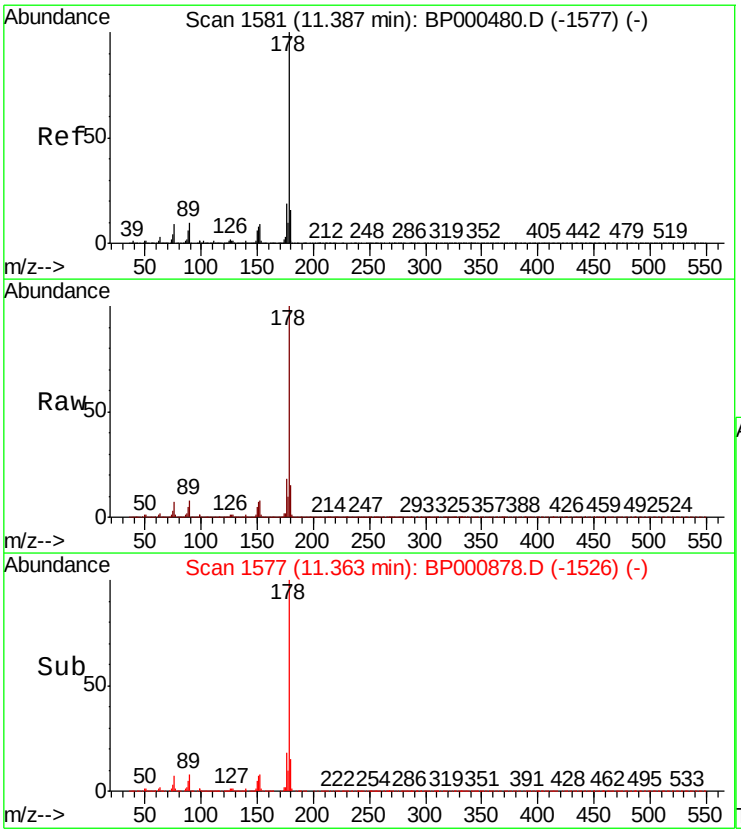
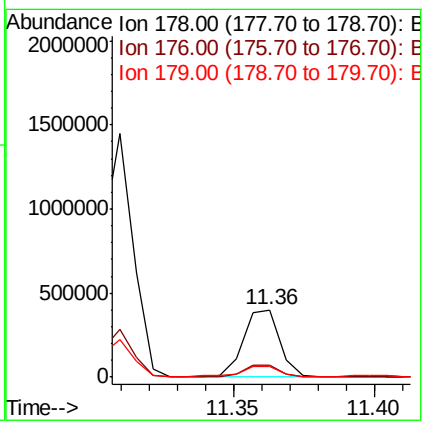
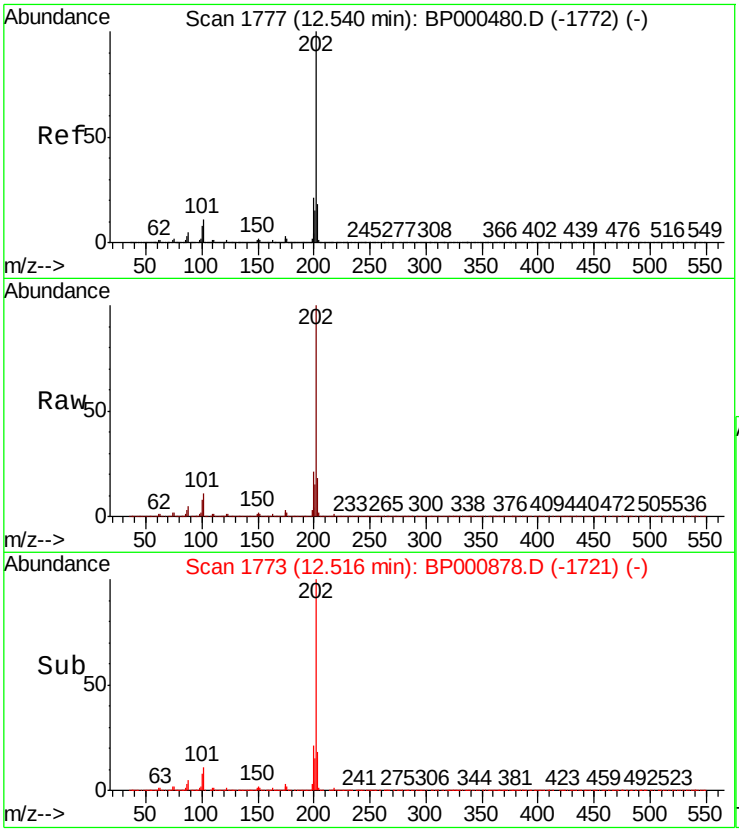


#72
Anthracene
Concen: 12.329 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:178 Resp: 355175

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.1	12.3	18.5

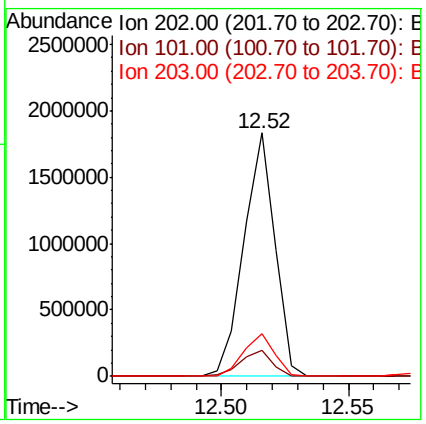




#75
Fluoranthene
Concen: 47.784 ng
RT: 12.52 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:202 Resp: 1559213

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.6
203	17.7	0.0	38.0



Instrument :
BNA_P
ClientSampleId :
SU-01-101519DL

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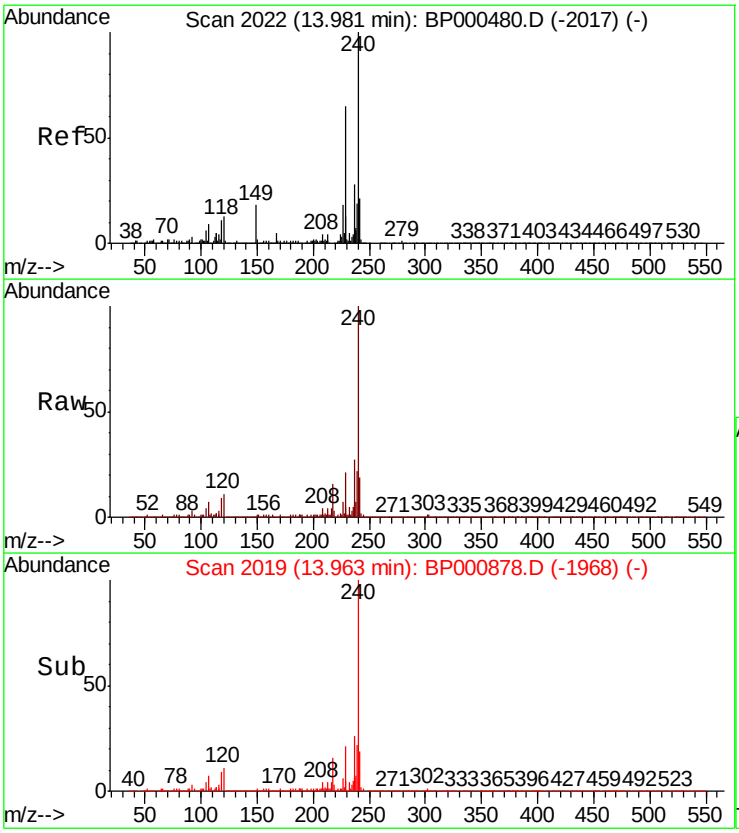
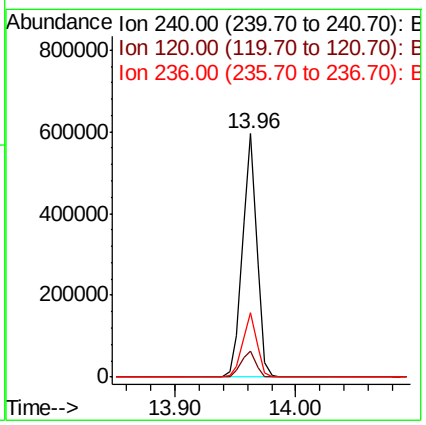
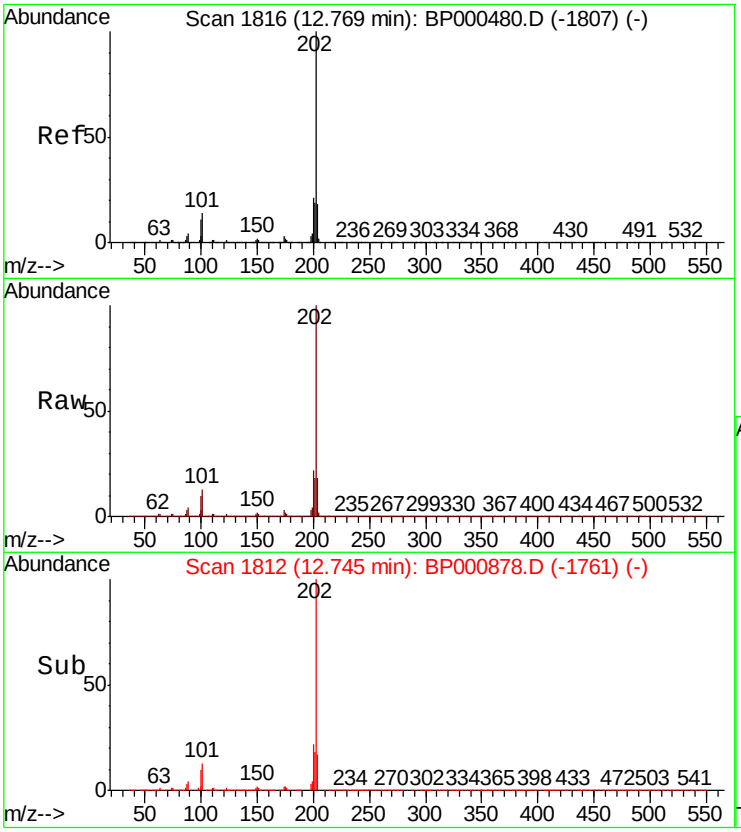


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:240 Resp: 499525

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.3	10.9
236	26.5	21.2	31.8

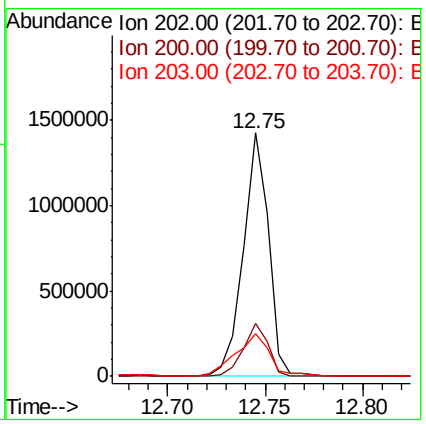




#78
Pyrene
Concen: 37.128 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:202 Resp: 1279135

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.0
203	17.7	14.1	21.1



Instrument :
BNA_P
ClientSampleId :
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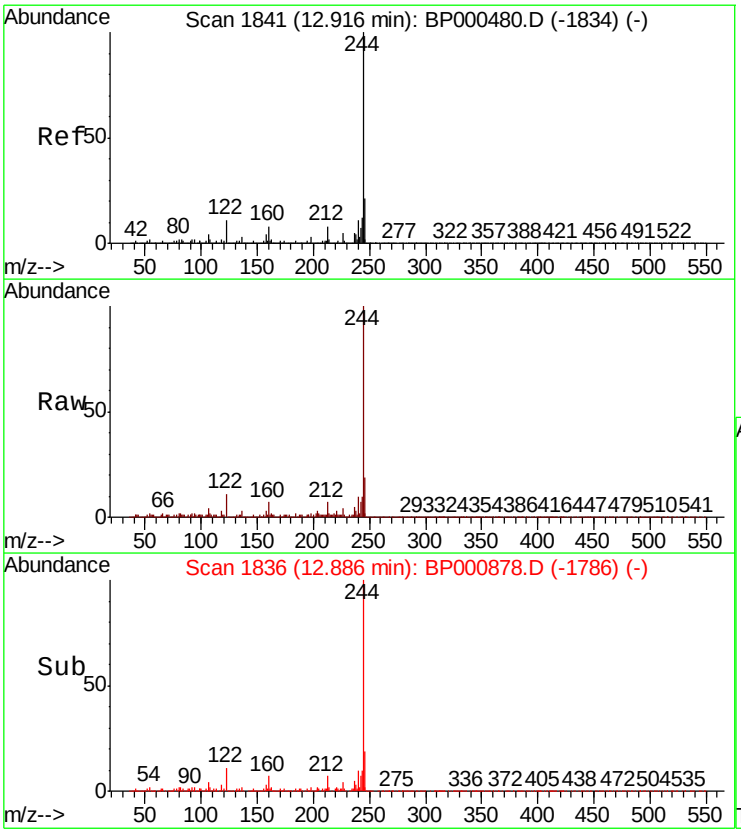
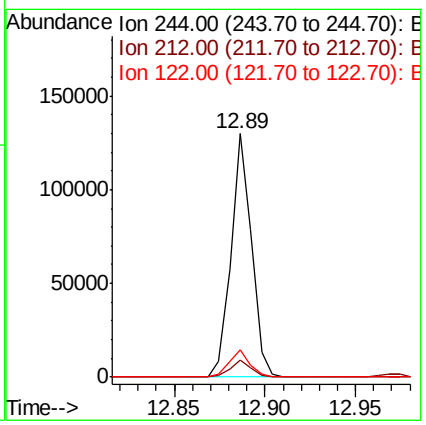
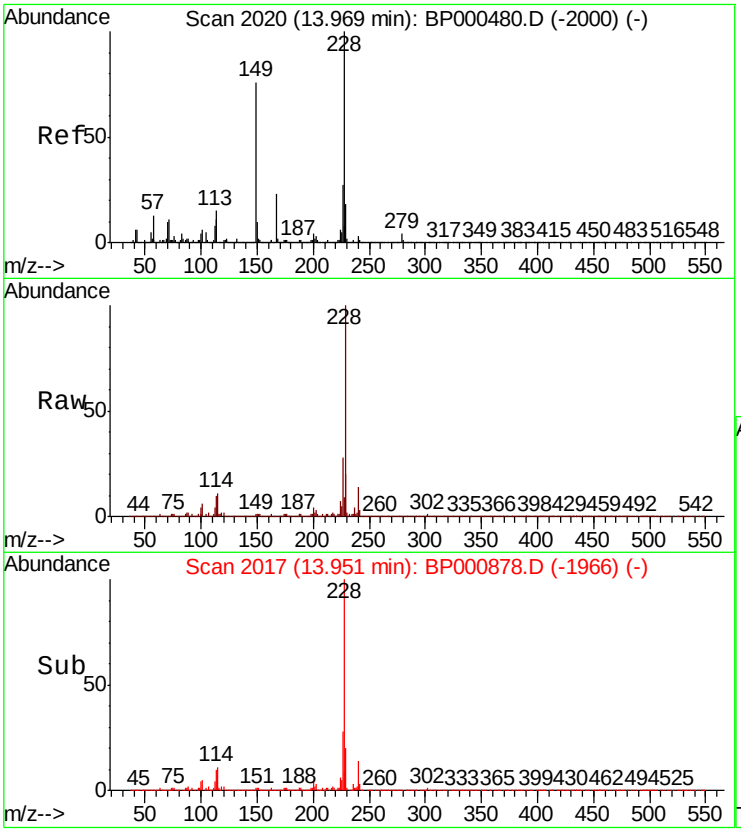


#79
Terphenyl-d14
Concen: 4.156 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:244 Resp: 102525

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	11.0	7.1	10.7#

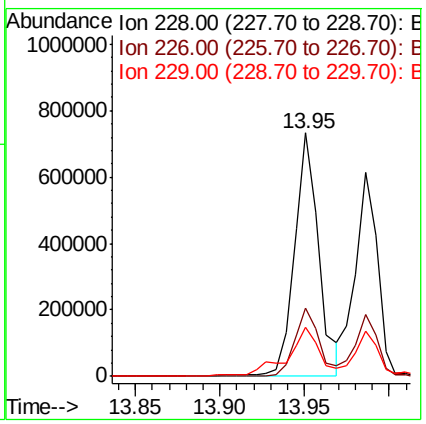




#81
Benzo(a)anthracene
Concen: 23.945 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:228 Resp: 729795

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.8
229	20.3	15.7	23.5



Instrument :
BNA_P
ClientSampleId :
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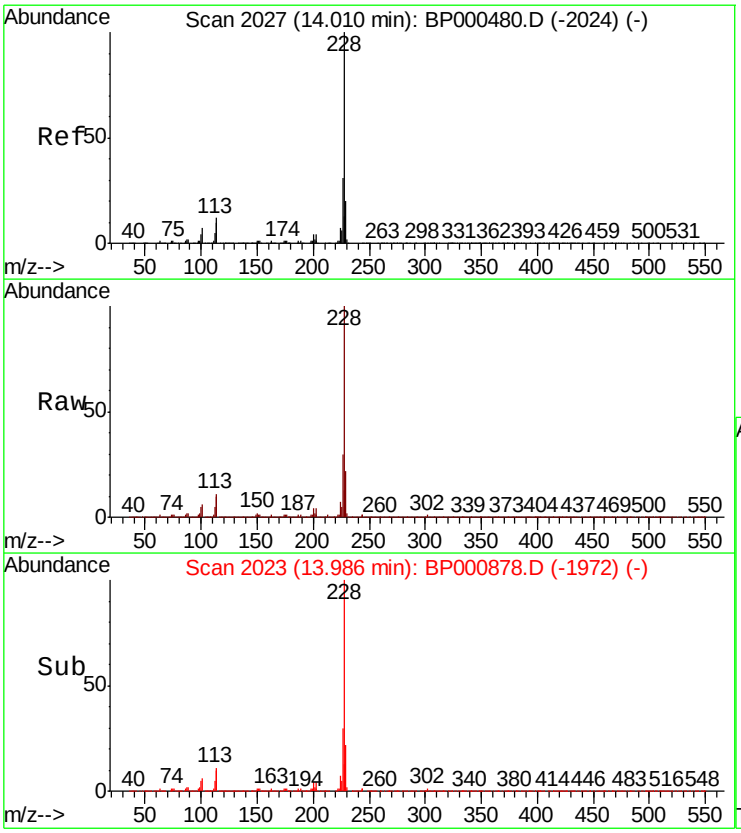
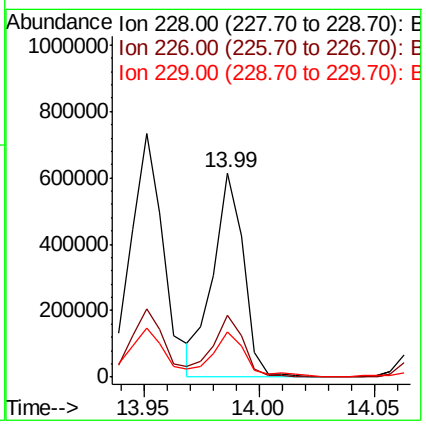
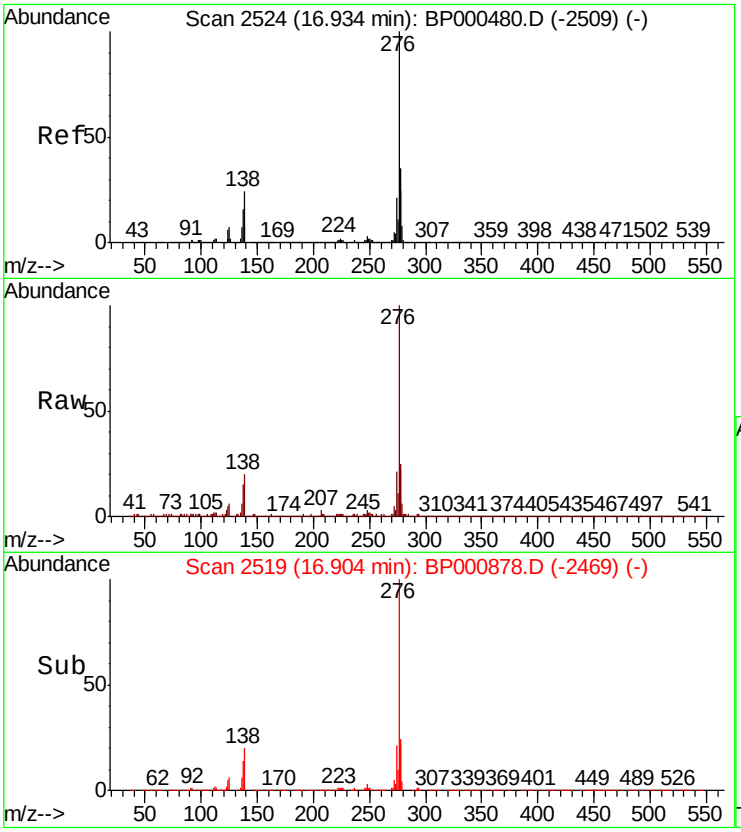


#83
Chrysene
Concen: 18.740 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:228 Resp: 560583

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	22.4	16.2	24.2

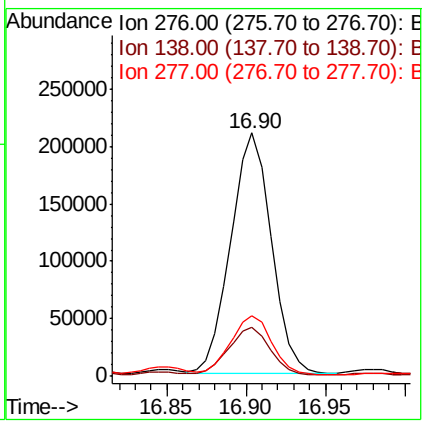




#86
Indeno(1,2,3-cd)pyrene
Concen: 9.897 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:276 Resp: 369812

Ion	Ratio	Lower	Upper
276	100		
138	20.3	19.1	28.7
277	24.8	20.4	30.6



Instrument :
BNA_P
ClientSampleId :
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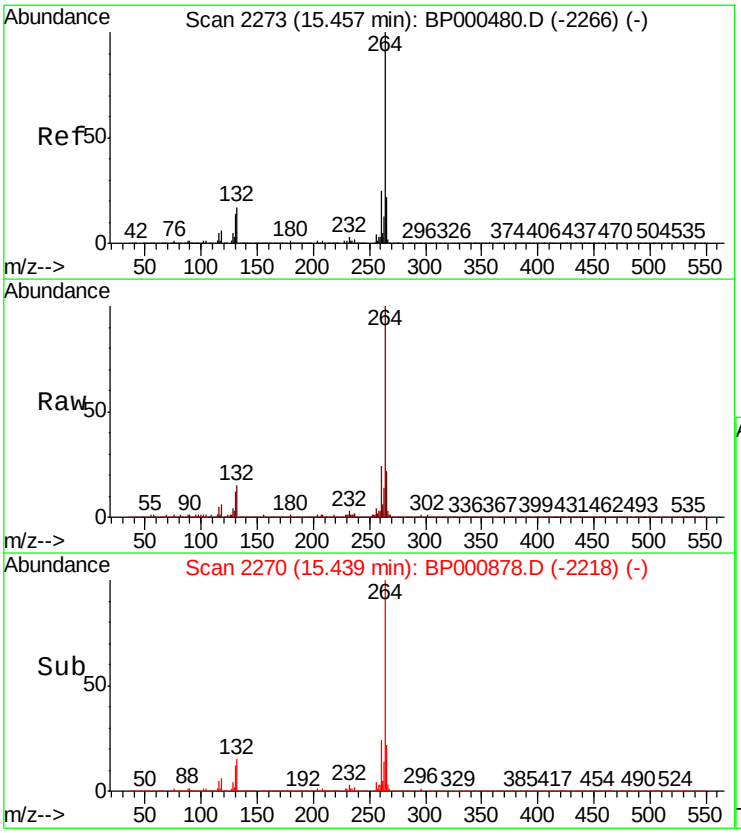
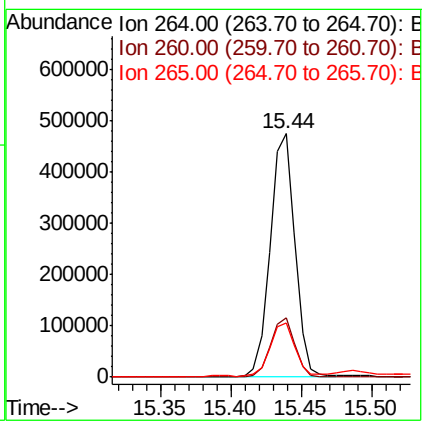
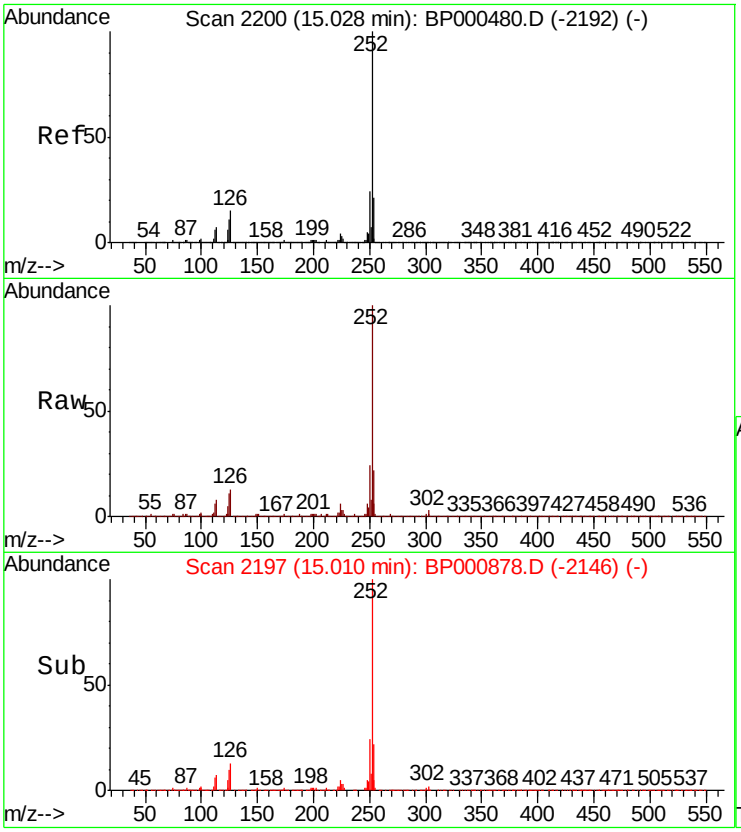


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:264 Resp: 585475

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	22.5	17.4	26.0

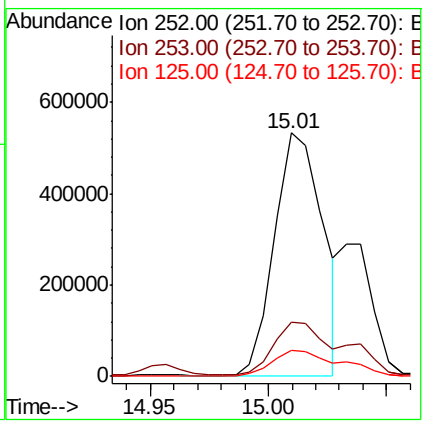




#88
Benzo(b)fluoranthene
Concen: 23.149 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:252 Resp: 768915

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	10.6	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
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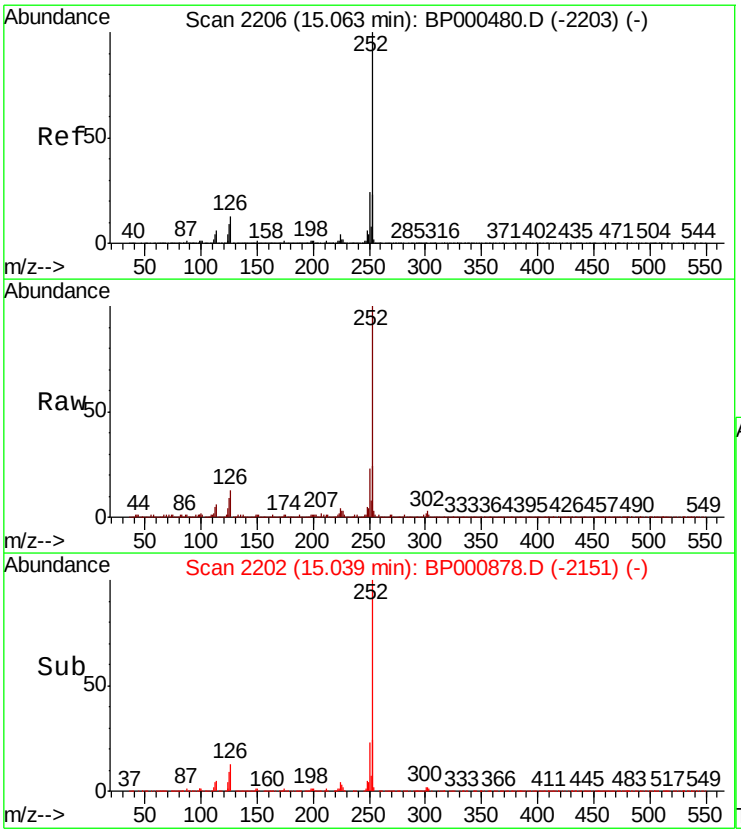
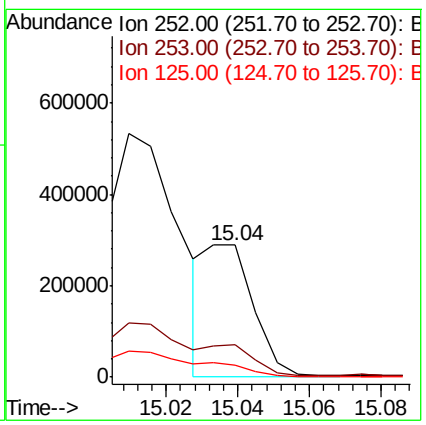
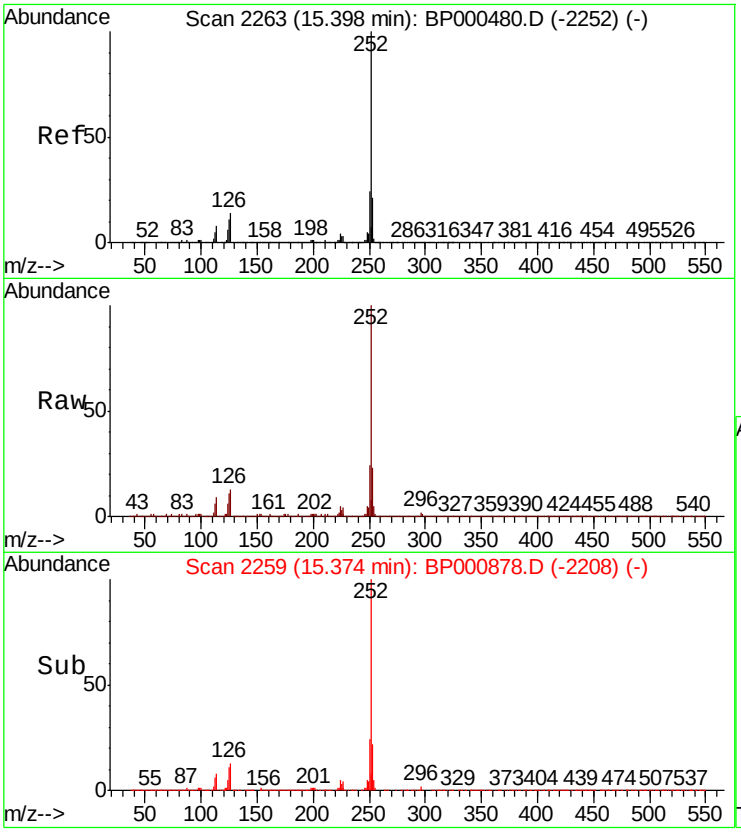


#89
Benzo(k)fluoranthene
Concen: 8.538 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:252 Resp: 269982

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	9.1	7.1	10.7

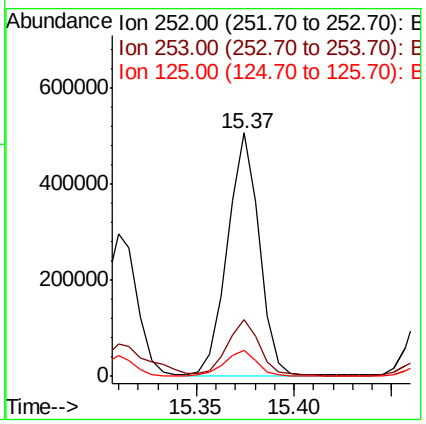




#90
Benzo(a)pyrene
Concen: 18.312 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:252 Resp: 566996

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	10.8	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
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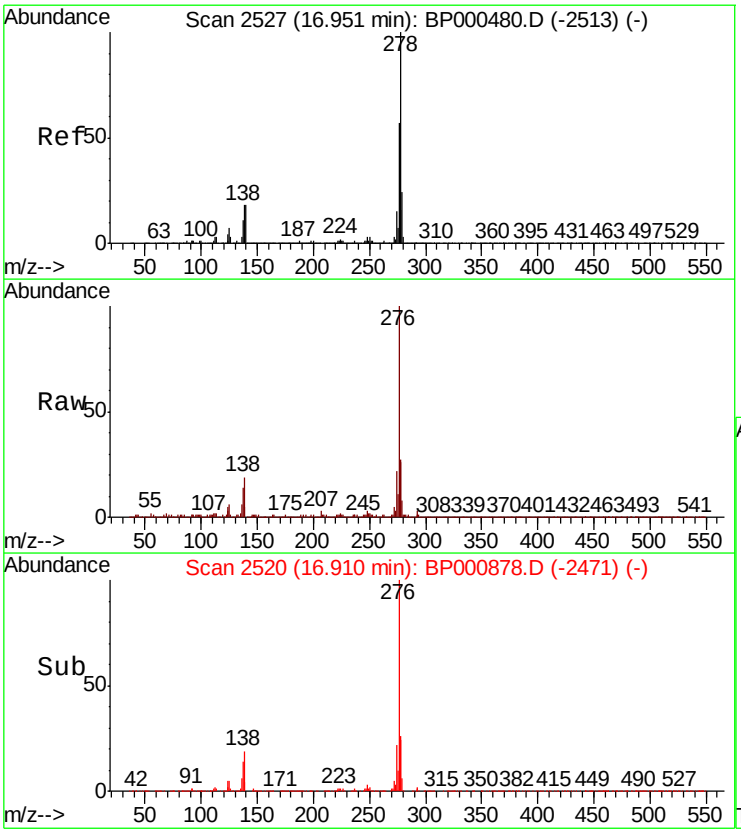
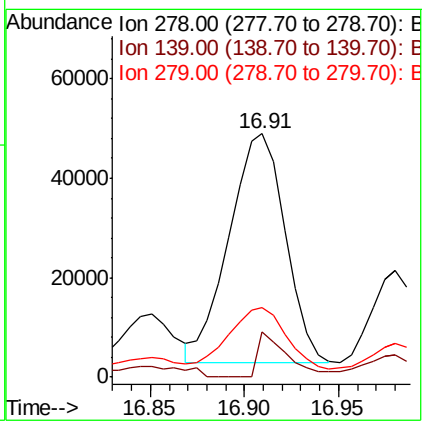
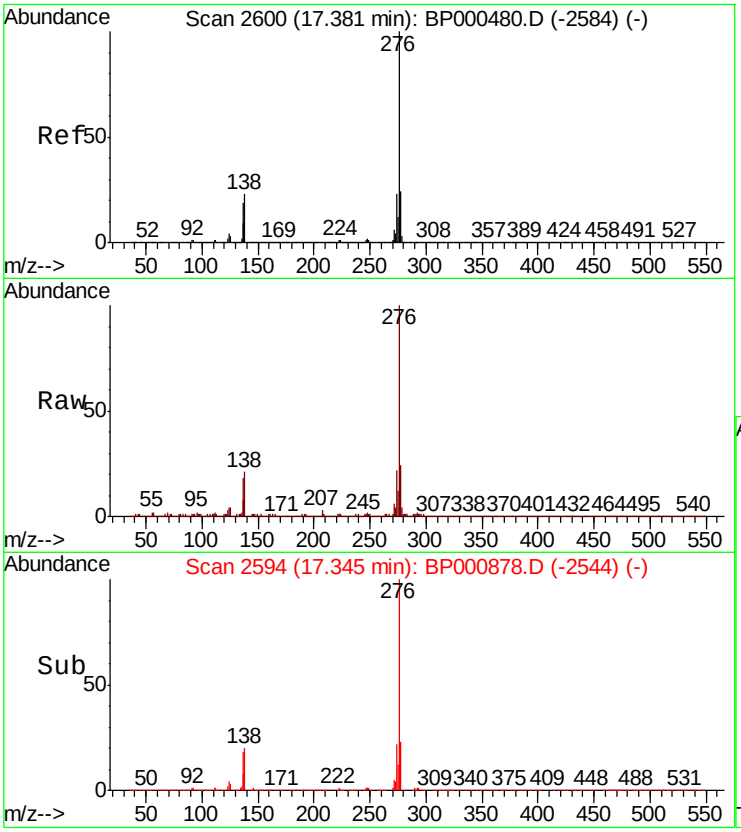


#91
Dibenzo(a,h)anthracene
Concen: 3.166 ng m
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:278 Resp: 95087

Ion	Ratio	Lower	Upper
278	100		
139	18.7	12.4	18.6#
279	28.6	19.1	28.7

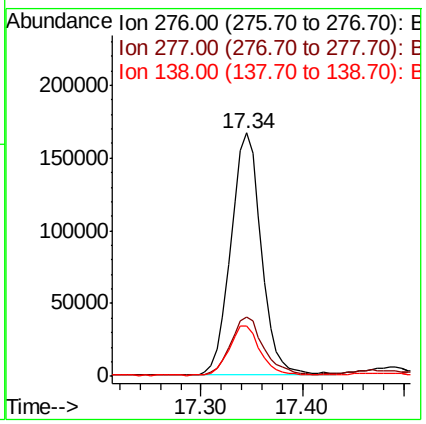




#92
Benzo(g,h,i)perylene
Concen: 11.404 ng
RT: 17.34 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BP000878.D
Acq: 18 Oct 2019 16:13

Tgt Ion:276 Resp: 348007

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	20.9	16.6	24.8



Instrument :
BNA_P
ClientSampleId :
SU-01-101519DL

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