Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000677.D
Acq On : 12 Oct 2019 19:10
Operator : JU
Sample : K5324-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Oct 14 04:35:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	285416	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	1053475	20.00	ng		-0.03
39) Acenaphthene-d10	9.80	164	595142	20.00	ng		-0.02
64) Phenanthrene-d10	11.29	188	1101622	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	911112	20.00	ng		-0.01
87) Perylene-d12	15.45	264	989422	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1465055	82.51	ng		-0.02
7) Phenol-d6	6.39	99	1887529	88.22	ng		-0.02
23) Nitrobenzene-d5	7.31	82	1040130	60.30	ng		-0.02
42) 2,4,6-Tribromophenol	10.59	330	528135	83.28	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	2000304	54.38	ng		-0.02
79) Terphenyl-d14	12.90	244	2314256	51.43	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.40	94	57252	2.613	ng		98
19) n-Nitroso-di-n-propylamine	7.31	70	126528	12.829	ng	#	73
25) Isophorone	7.31	82	1039815	33.966	ng	#	61
37) 2-Methylnaphthalene	8.75	142	283003	8.568	ng		100
38) 1-Methylnaphthalene	8.85	142	195234	6.256	ng		99
41) Hexachlorocyclopentadiene	8.89	237	13	7.299	ng		81
46) 1,1'-Biphenyl	9.22	154	130475	2.904	ng		99
50) Dimethylphthalate	9.51	163	294731	7.127	ng		99
52) Acenaphthene	9.83	154	753998	23.718	ng		99
55) Dibenzofuran	10.00	168	953312	20.060	ng		98
56) 4-Nitrophenol	10.00	139	341952	51.834	ng	#	15
58) Fluorene	10.35	166	946785	27.954	ng		100
67) 4-Bromophenyl-phenylether	10.59	248	36131	2.914	ng	#	1
71) Phenanthrene	11.32	178	3151853	56.969	ng		97
72) Anthracene	11.37	178	402163	7.331	ng		99
73) Carbazole	11.53	167	106683	2.098	ng		99
75) Fluoranthene	12.53	202	2562182	41.234	ng		99
78) Pyrene	12.75	202	1744460	27.761	ng		99
81) Benzo(a)anthracene	13.96	228	472902	8.507	ng		97
83) Chrysene	13.99	228	330216	6.052	ng		97
88) Benzo(b)fluoranthene	15.02	252	284510	5.069	ng		98
89) Benzo(k)fluoranthene	15.02	252	284510	5.324	ng		98
90) Benzo(a)pyrene	15.37	252	105243	2.011	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000677.D
Acq On : 12 Oct 2019 19:10
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Oct 14 04:35:50 2019
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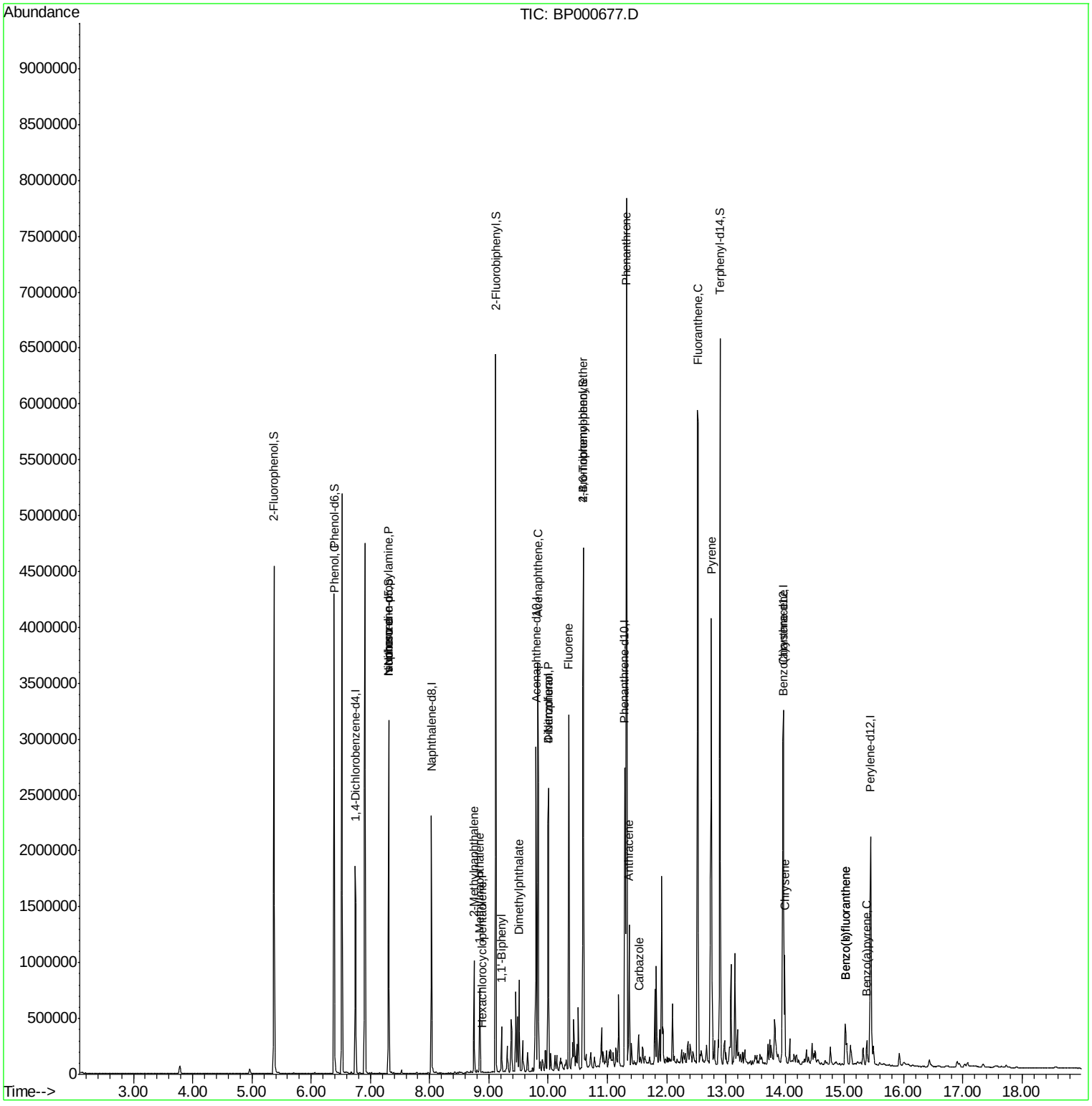
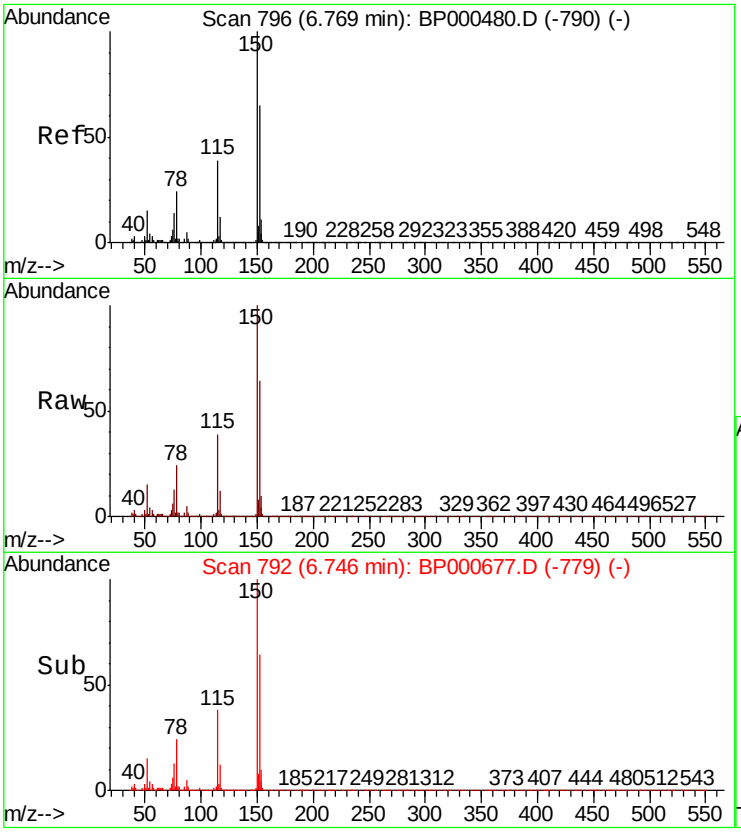


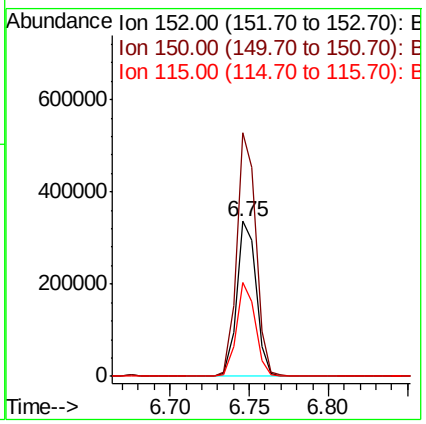


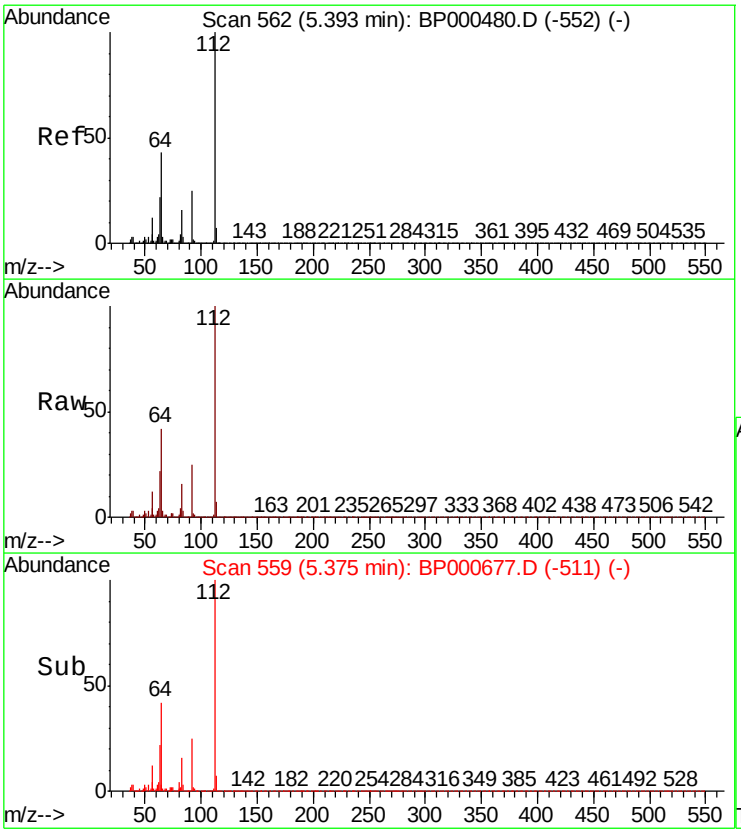
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 285416

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.1	186.1
115	60.6	48.7	73.1

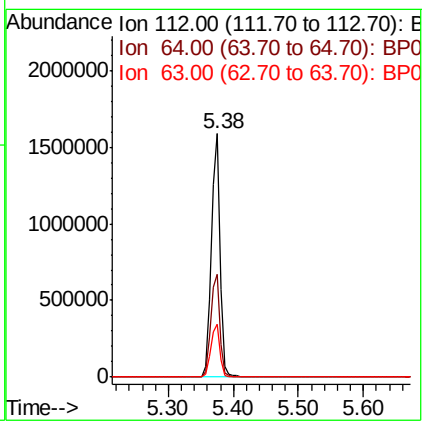


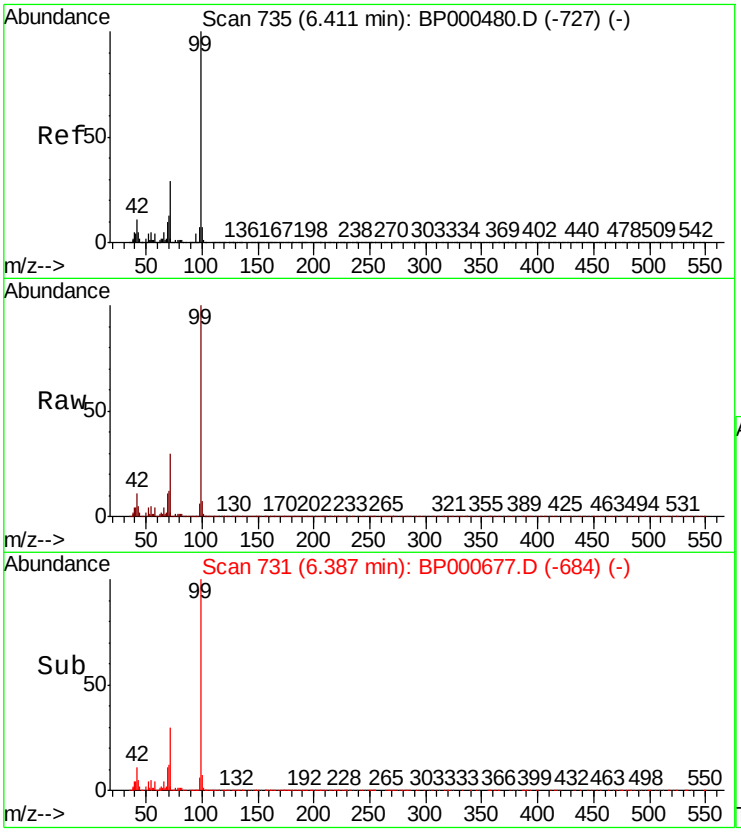


#5
2-Fluorophenol
Concen: 82.511 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Tgt Ion:112 Resp: 1465055

Ion	Ratio	Lower	Upper
112	100		
64	42.4	34.2	51.4
63	21.9	17.9	26.9



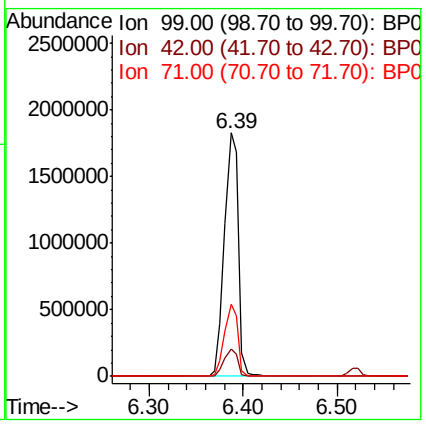


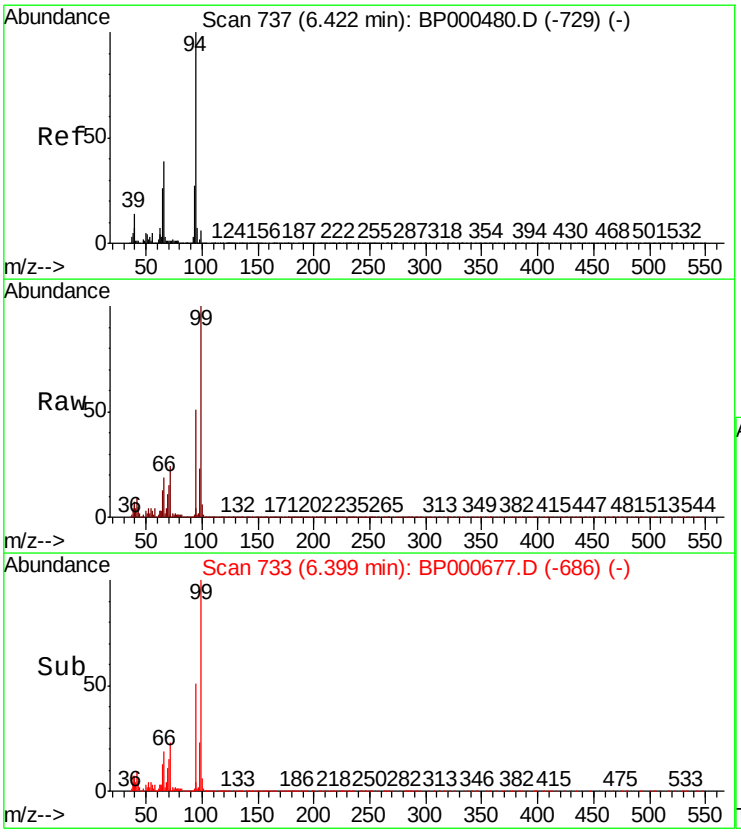
#7
Phenol-d6
Concen: 88.216 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1887529

Ion	Ratio	Lower	Upper
99	100		
42	11.1	8.6	12.8
71	29.5	23.0	34.4

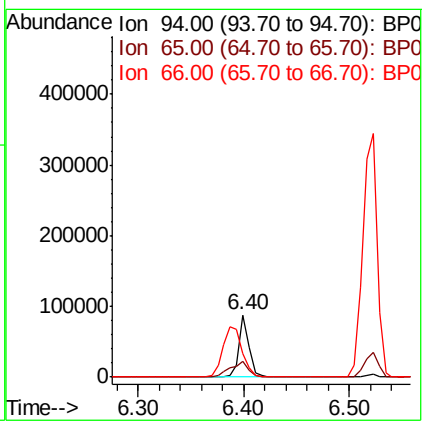


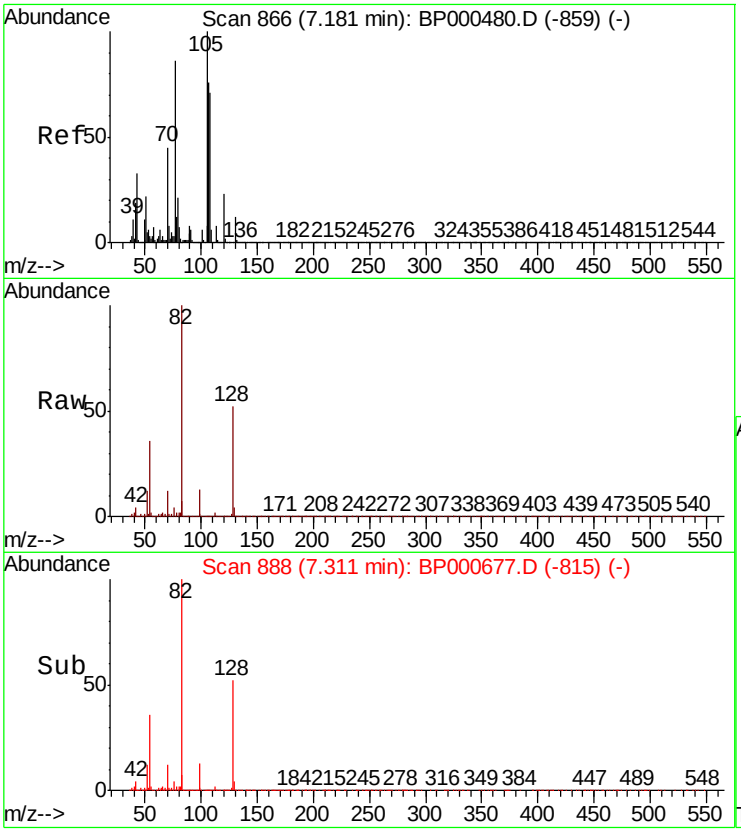


#10
Phenol
Concen: 2.613 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Tgt Ion: 94 Resp: 57252

Ion	Ratio	Lower	Upper
94	100		
65	24.9	5.9	45.9
66	37.2	18.8	58.8



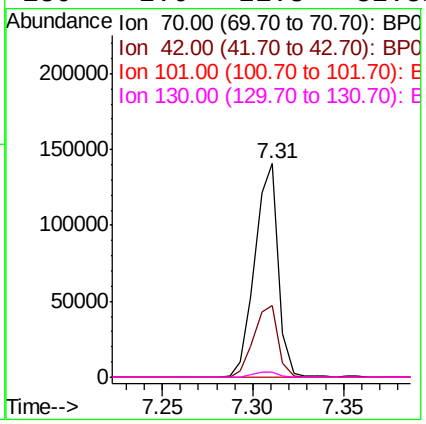


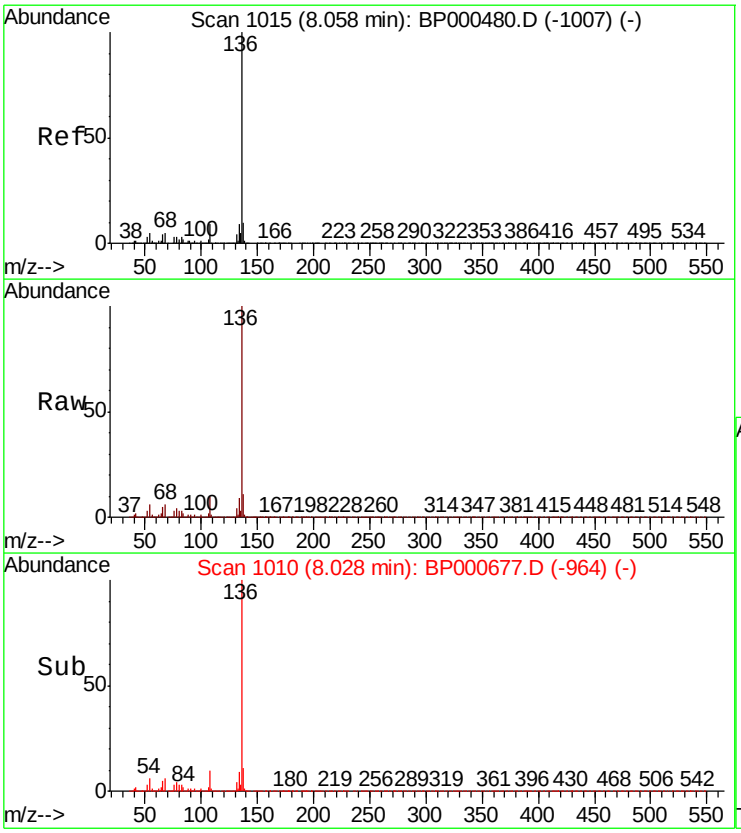
#19
n-Nitroso-di-n-propylamine
Concen: 12.829 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 126528

Ion	Ratio	Lower	Upper
70	100		
42	33.6	33.2	49.8
101	0.0	9.9	14.9#
130	2.6	21.8	32.8#

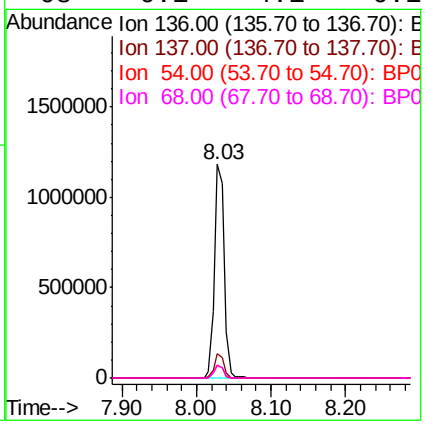


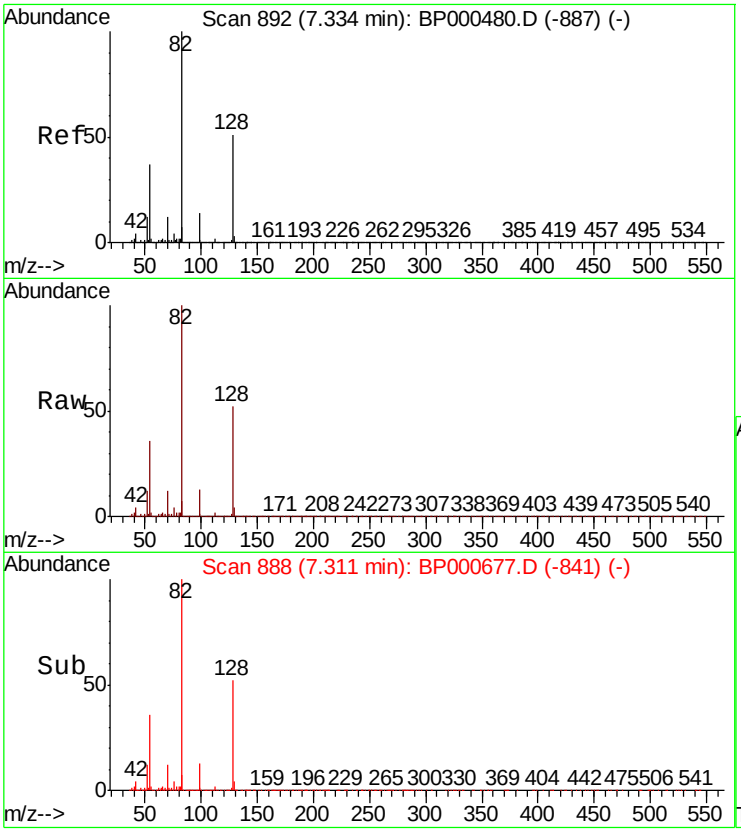


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Tgt Ion:136 Resp: 1053475

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.4
54	6.1	4.1	6.1
68	6.1	4.1	6.1



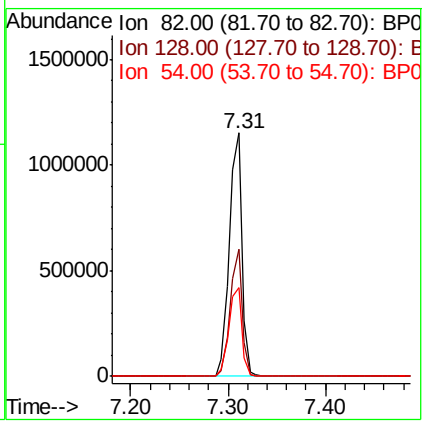


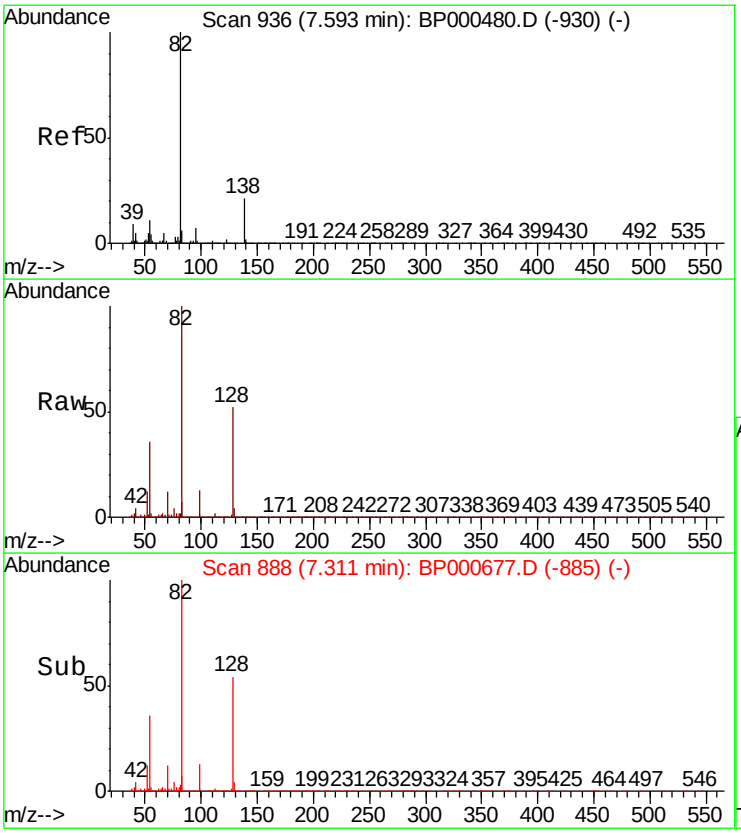
#23
Nitrobenzene-d5
Concen: 60.302 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1040130

Ion	Ratio	Lower	Upper
82	100		
128	52.4	40.9	61.3
54	36.5	29.4	44.2

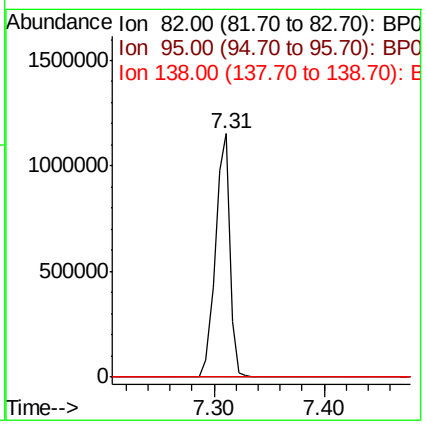


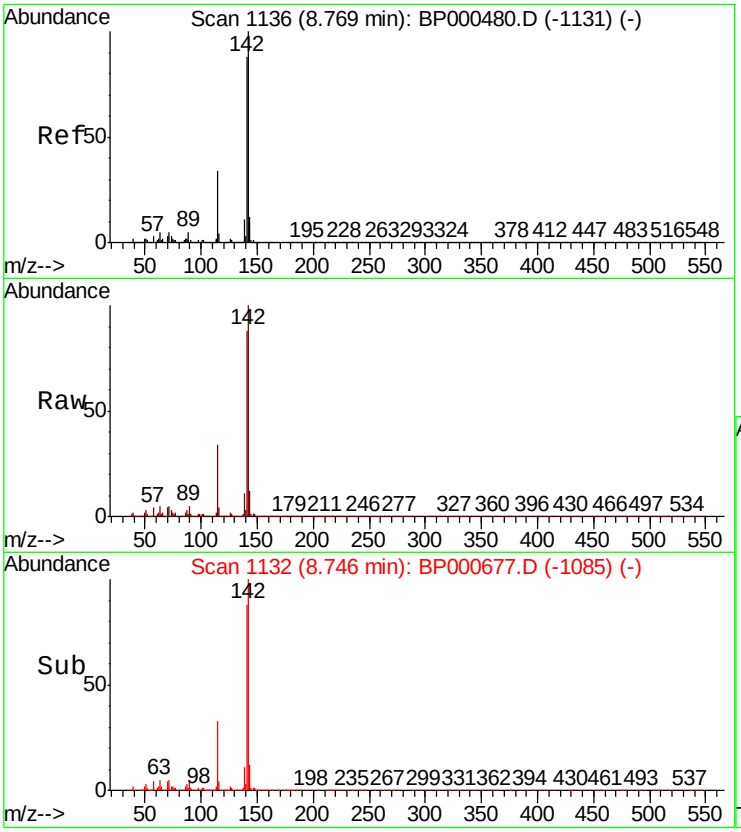


#25
Isophorone
Concen: 33.966 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Tgt Ion: 82 Resp: 1039815

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	17.0	25.4#



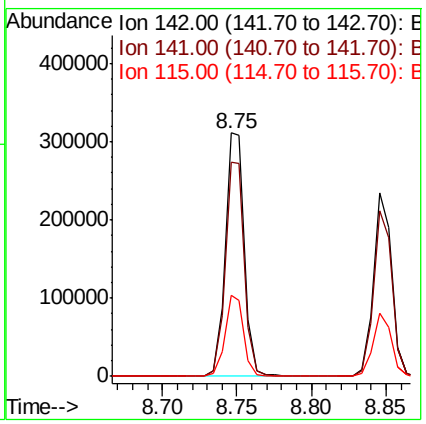


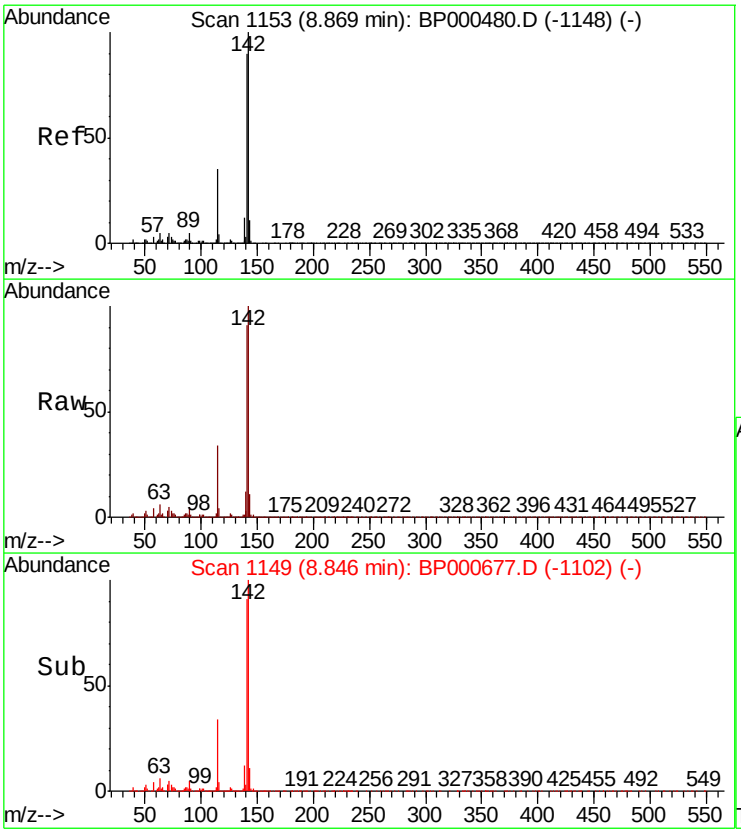
#37
2-Methylnaphthalene
Concen: 8.568 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:142 Resp: 283003

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.6	106.0
115	33.5	27.4	41.0

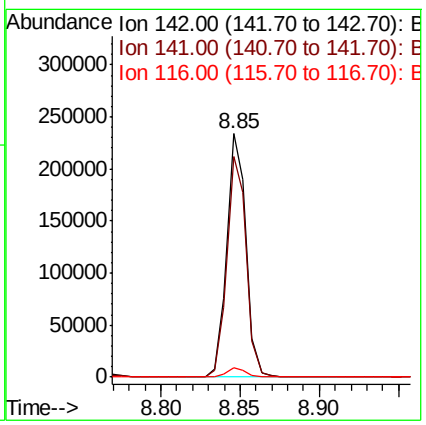


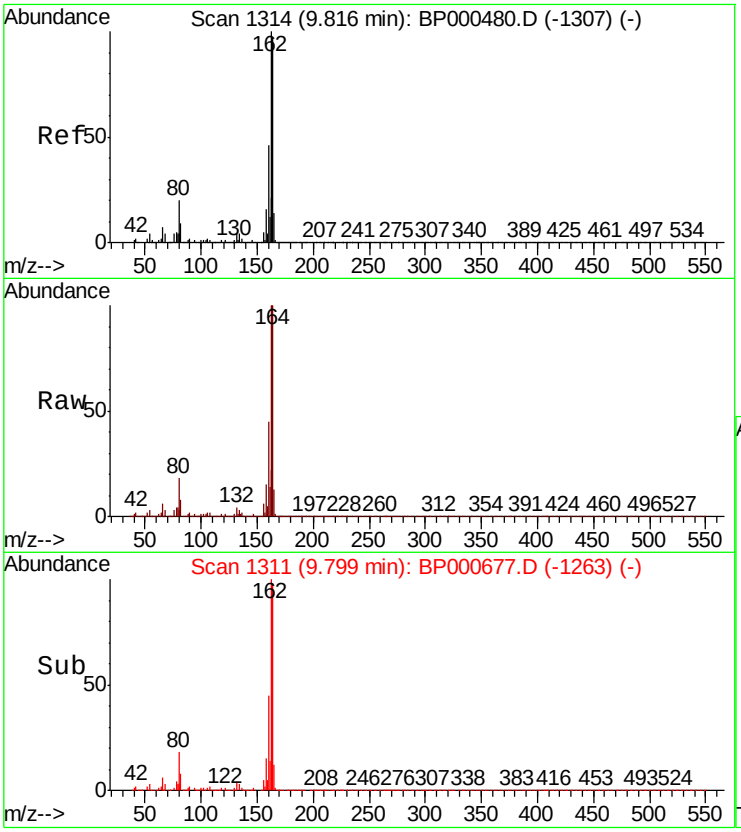


#38
1-Methylnaphthalene
Concen: 6.256 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Tgt Ion:142 Resp: 195234

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.9	107.9
116	3.8	3.0	4.4



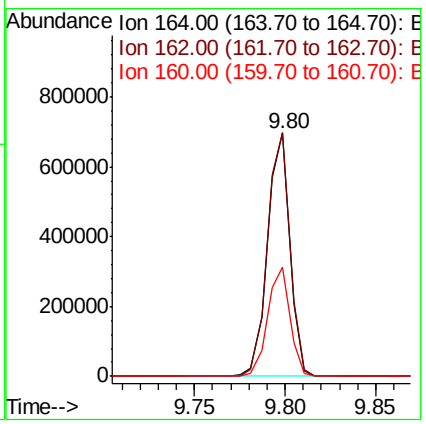


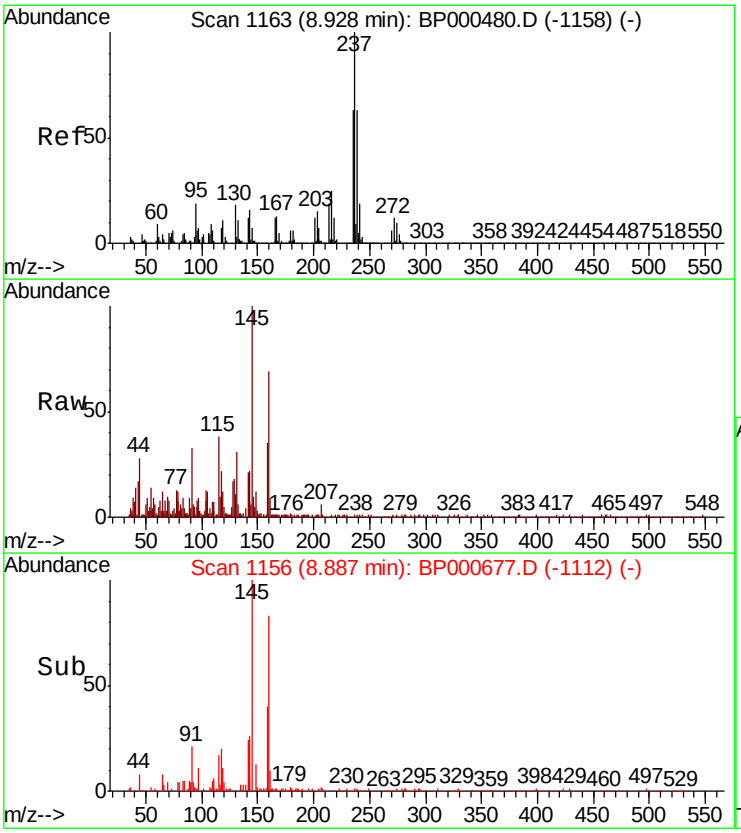
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 595142

Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.2	123.2
160	44.7	37.6	56.4

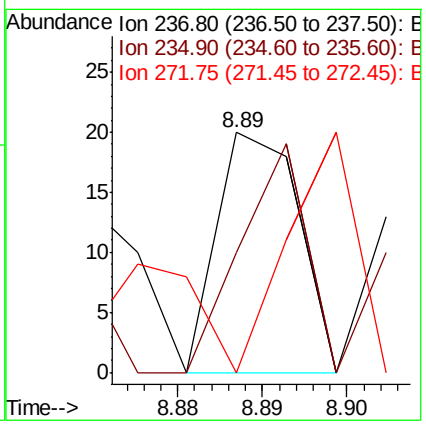


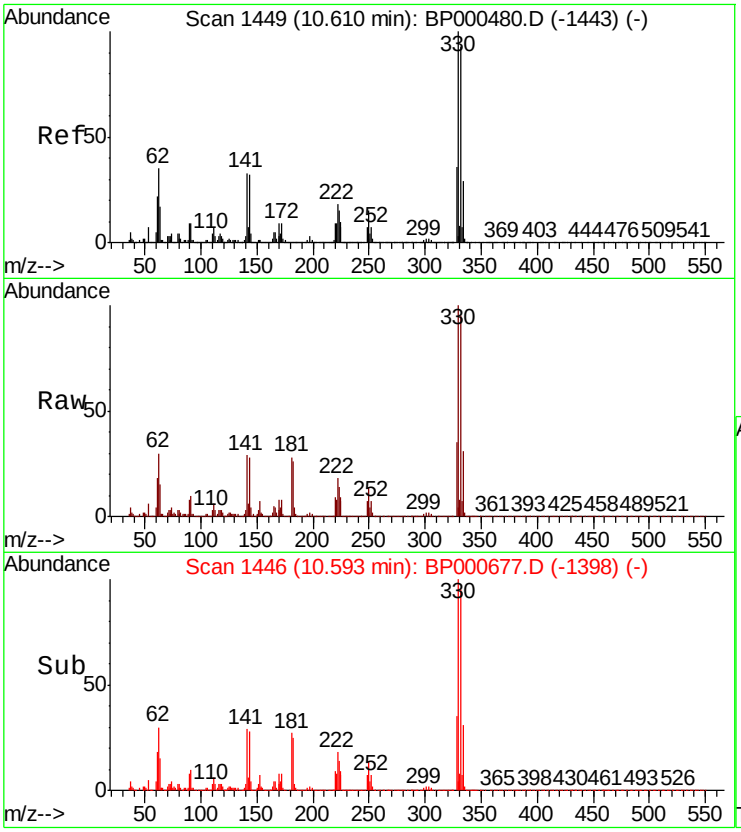


#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.04 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Tgt Ion:237 Resp: 13

Ion	Ratio	Lower	Upper
237	100		
235	50.0	42.9	82.9
272	0.0	0.0	32.4



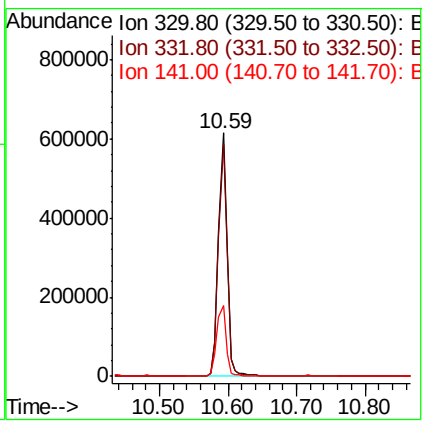


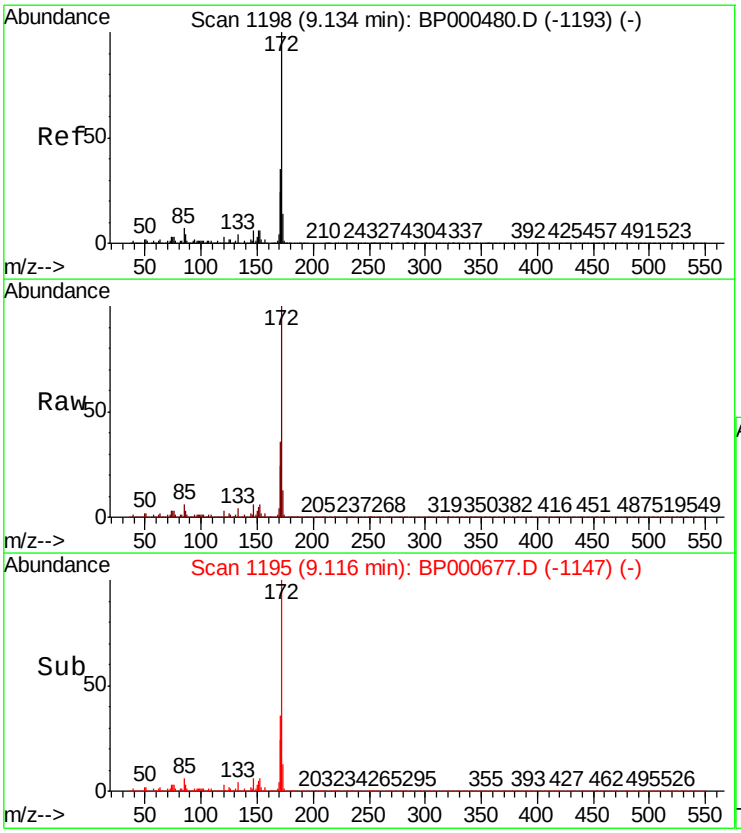
#42
2,4,6-Tribromophenol
Concen: 83.277 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 528135

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	31.4	26.0	39.0

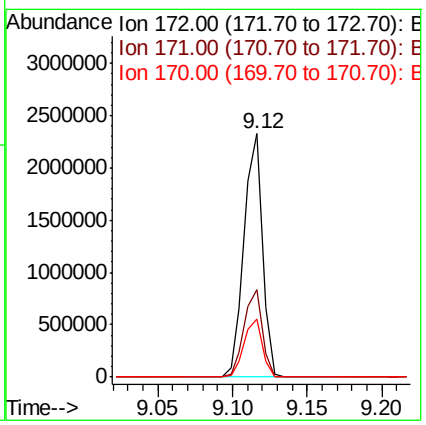


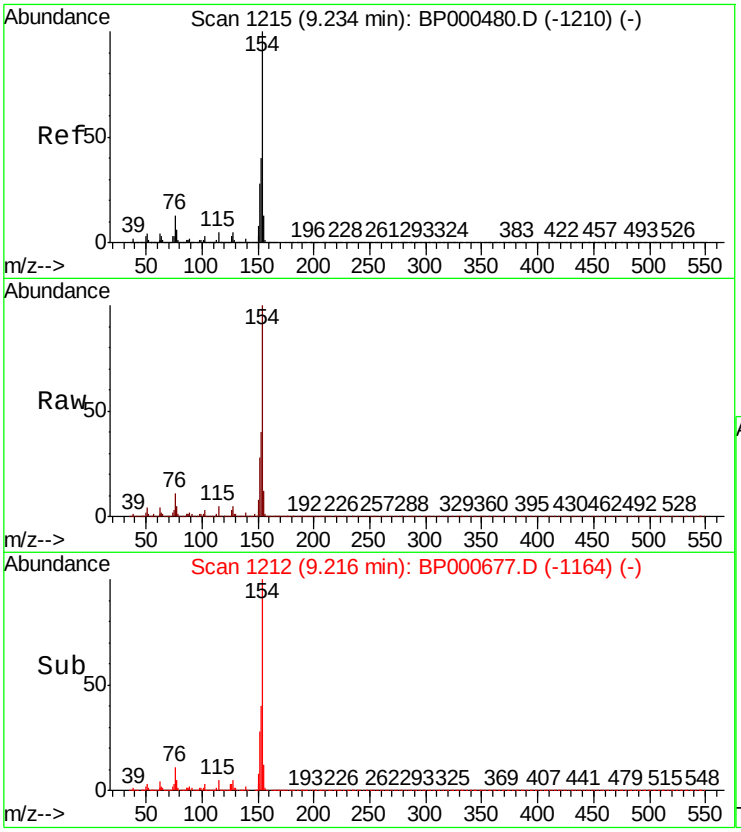


#45
2-Fluorobiphenyl
Concen: 54.382 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Tgt Ion:172 Resp: 2000304

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.4	42.6
170	24.1	19.1	28.7



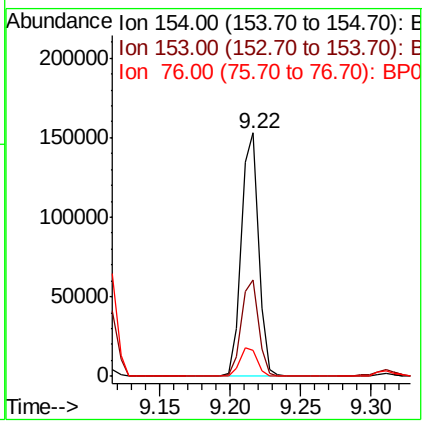


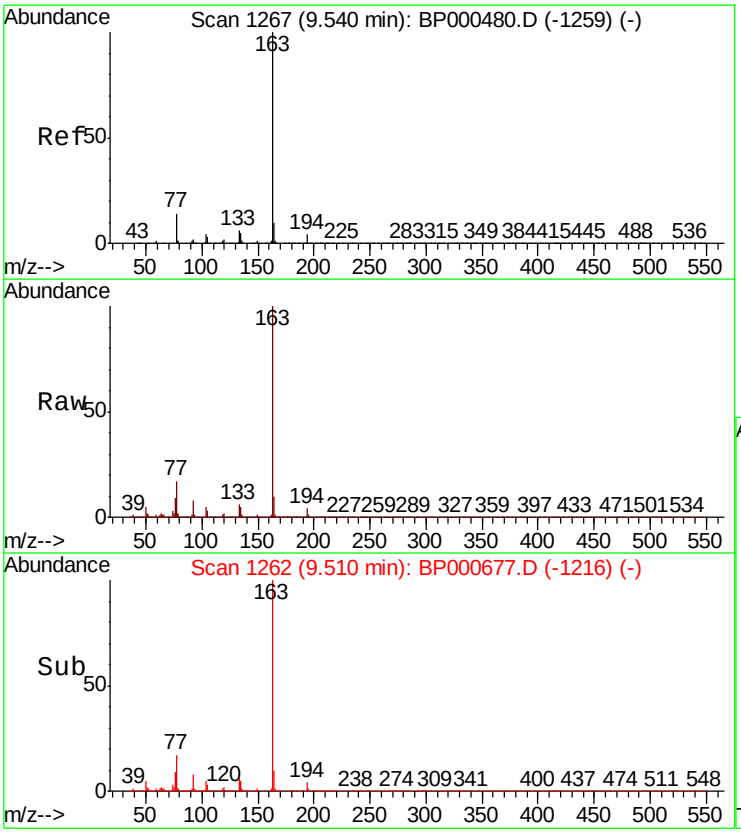
#46
1,1'-Biphenyl
Concen: 2.904 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:154 Resp: 130475

Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.9	59.9
76	10.9	0.0	32.8

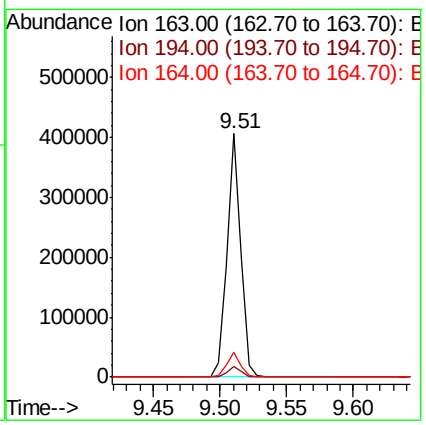


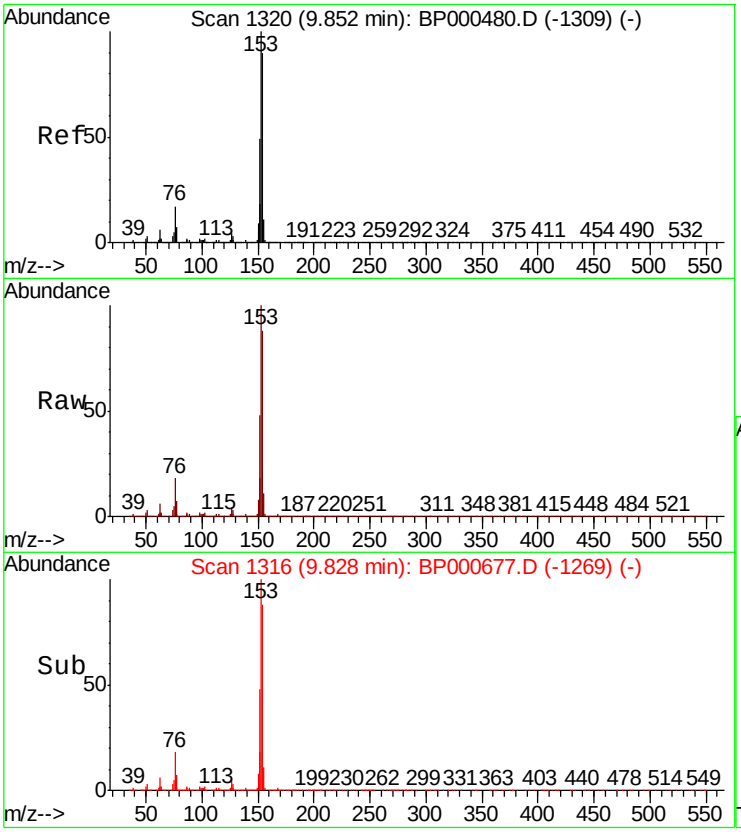


#50
Dimethylphthalate
Concen: 7.127 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Tgt Ion:163 Resp: 294731

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.3	8.0	12.0



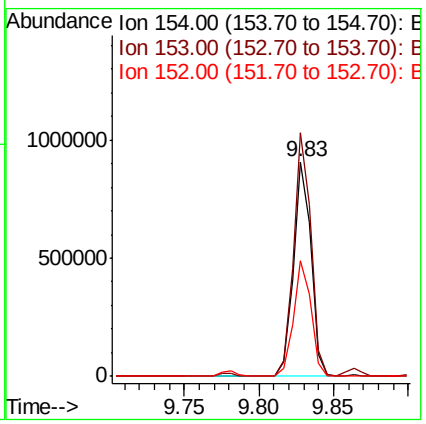


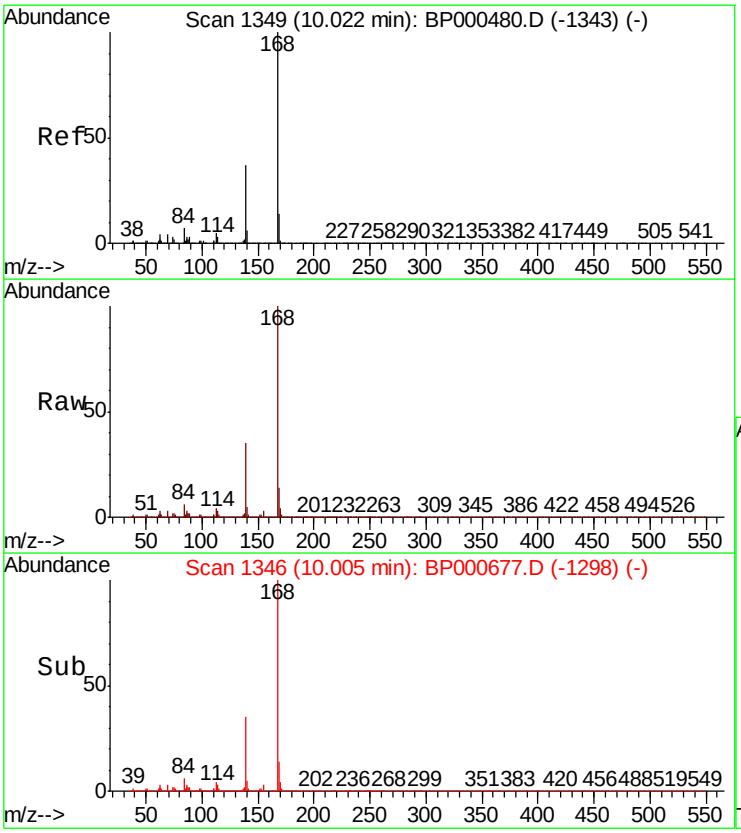
#52
Acenaphthene
Concen: 23.718 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:154 Resp: 753998

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.4	134.0
152	53.9	43.8	65.8

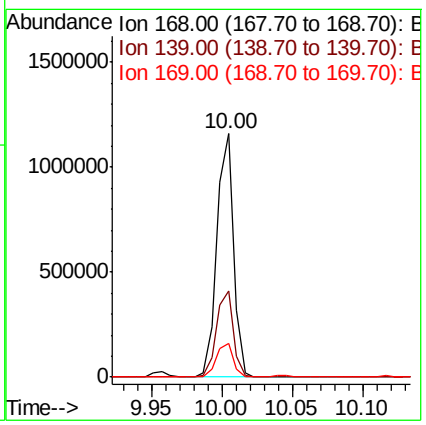


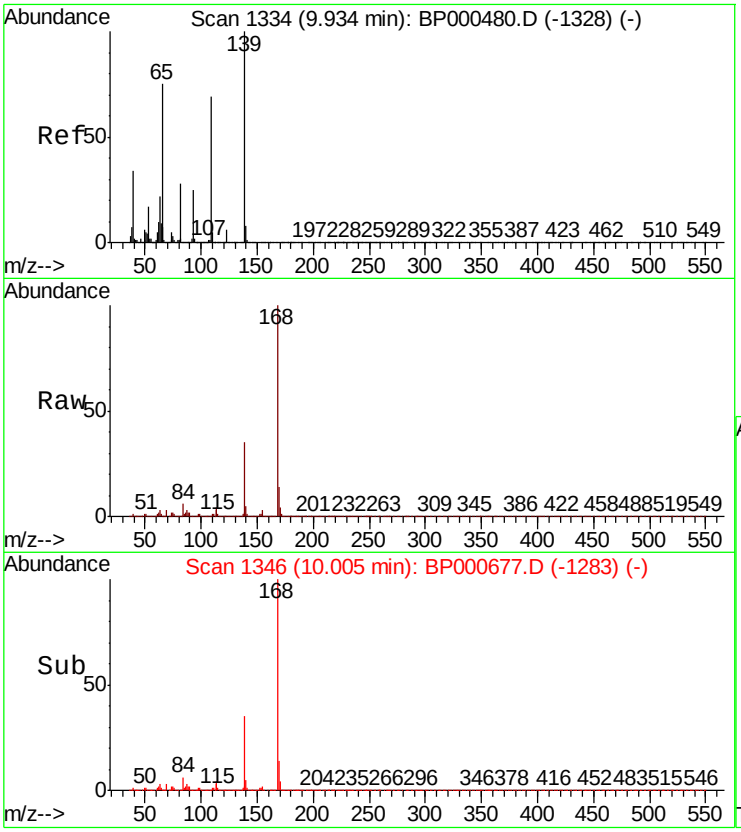


#55
Dibenzofuran
Concen: 20.060 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Tgt Ion:168 Resp: 953312

Ion	Ratio	Lower	Upper
168	100		
139	35.4	29.5	44.3
169	13.9	11.1	16.7



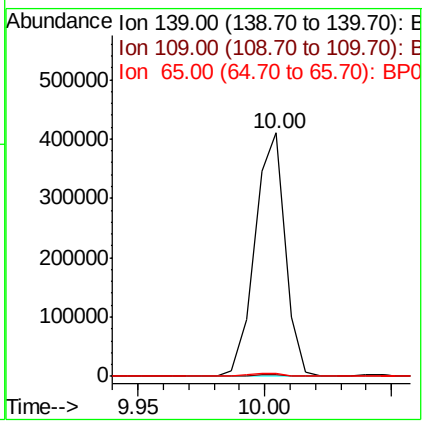


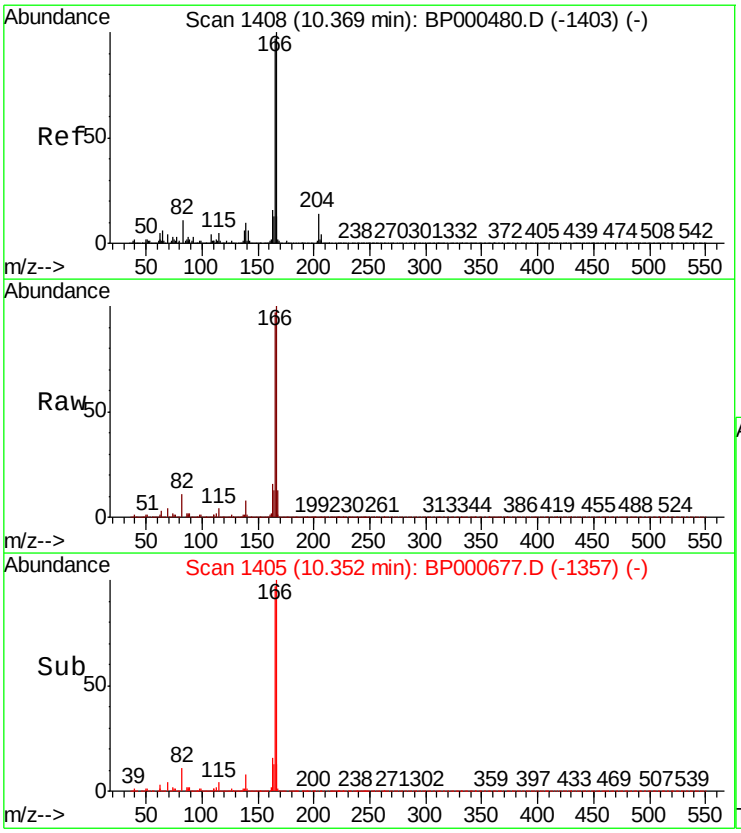
#56
4-Nitrophenol
Concen: 51.834 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.07 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:139 Resp: 341952

Ion	Ratio	Lower	Upper
139	100		
109	0.8	48.6	88.6#
65	1.0	55.3	95.3#

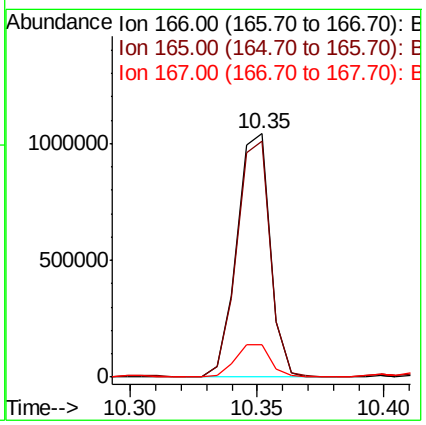


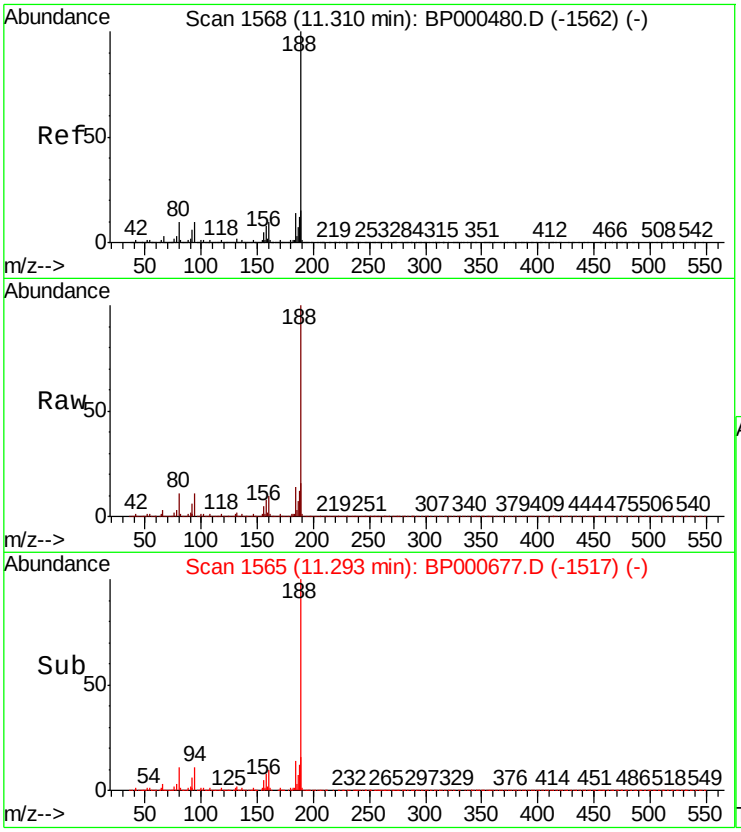


#58
Fluorene
Concen: 27.954 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Tgt Ion:166 Resp: 946785

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.3	115.9
167	13.2	10.6	16.0



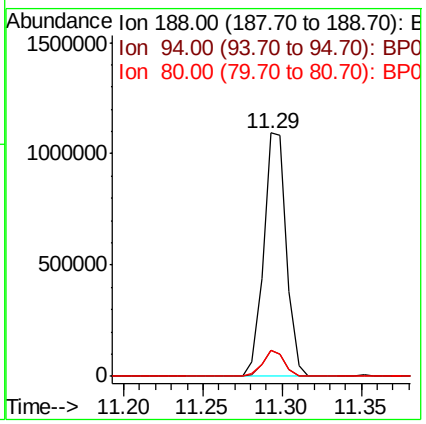


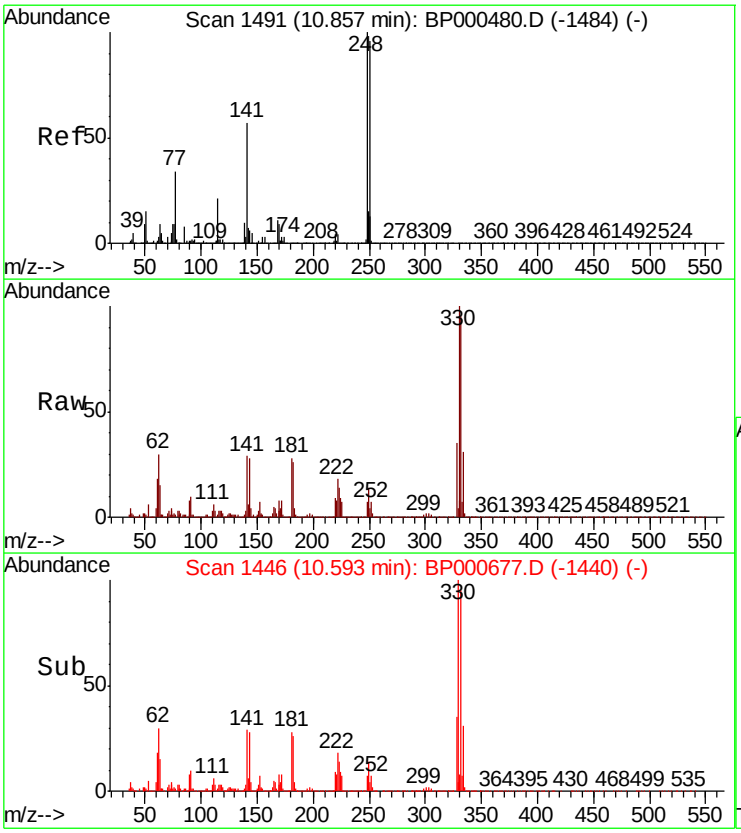
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 1101622

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.2
80	10.8	8.3	12.5

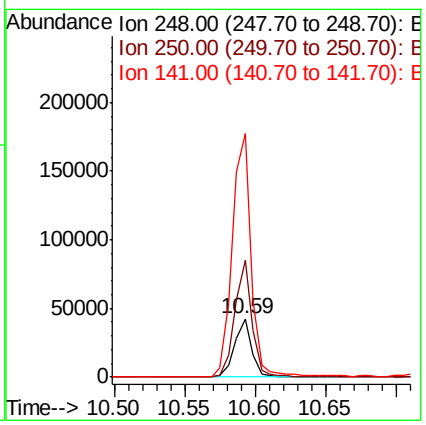


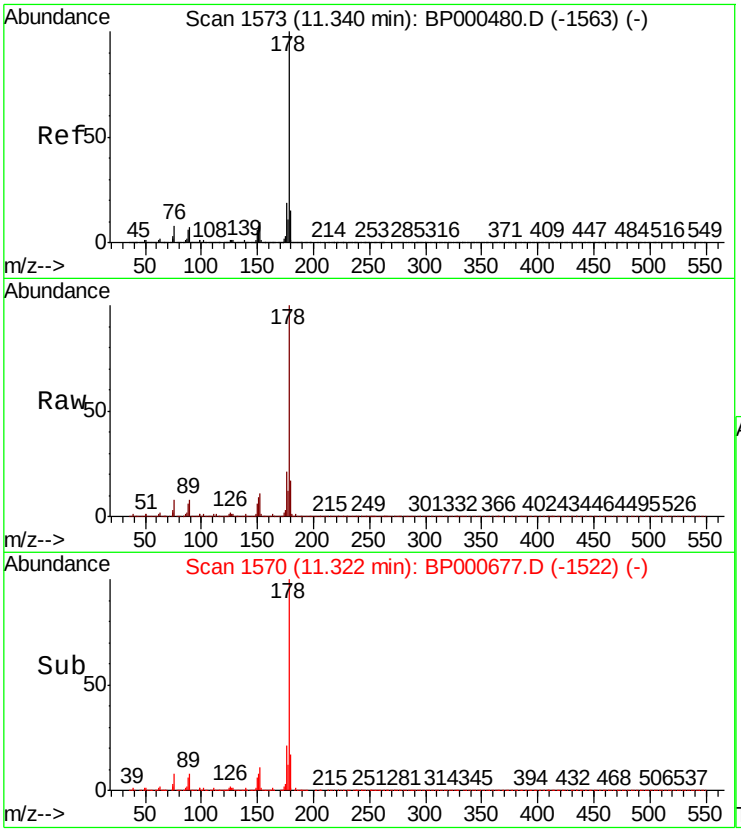


#67
4-Bromophenyl-phenylether
Concen: 2.914 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.26 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Tgt Ion:248 Resp: 36131

Ion	Ratio	Lower	Upper
248	100		
250	199.1	77.2	115.8#
141	415.7	45.3	67.9#



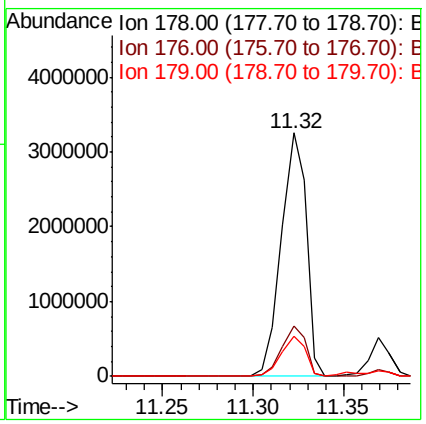


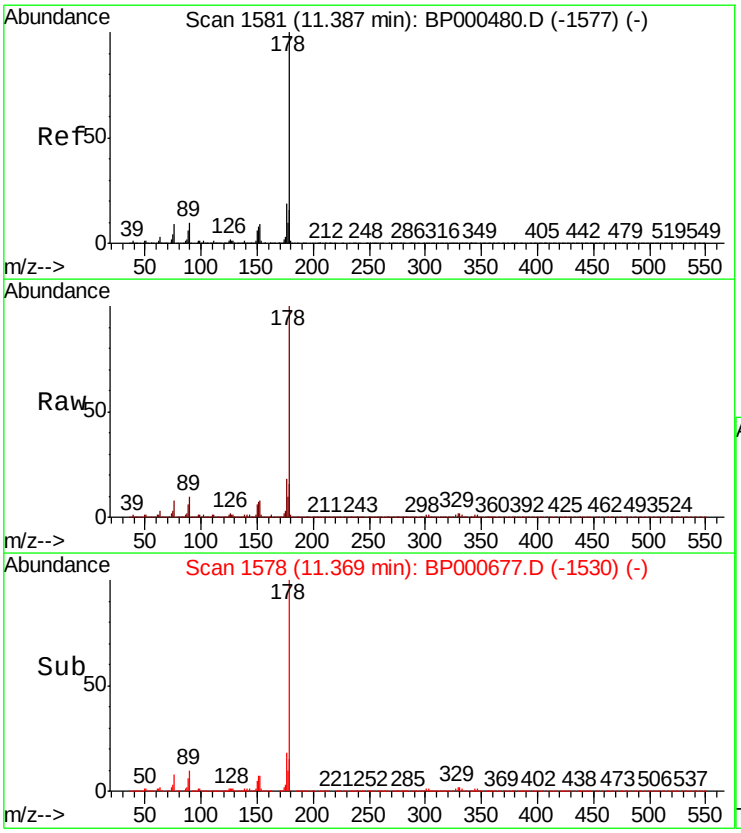
#71
Phenanthrene
Concen: 56.969 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 3151853

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.4	23.2
179	16.6	12.2	18.4

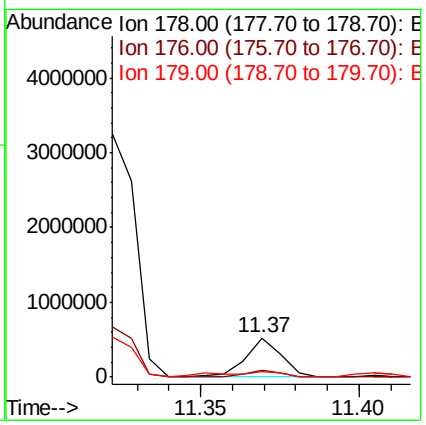


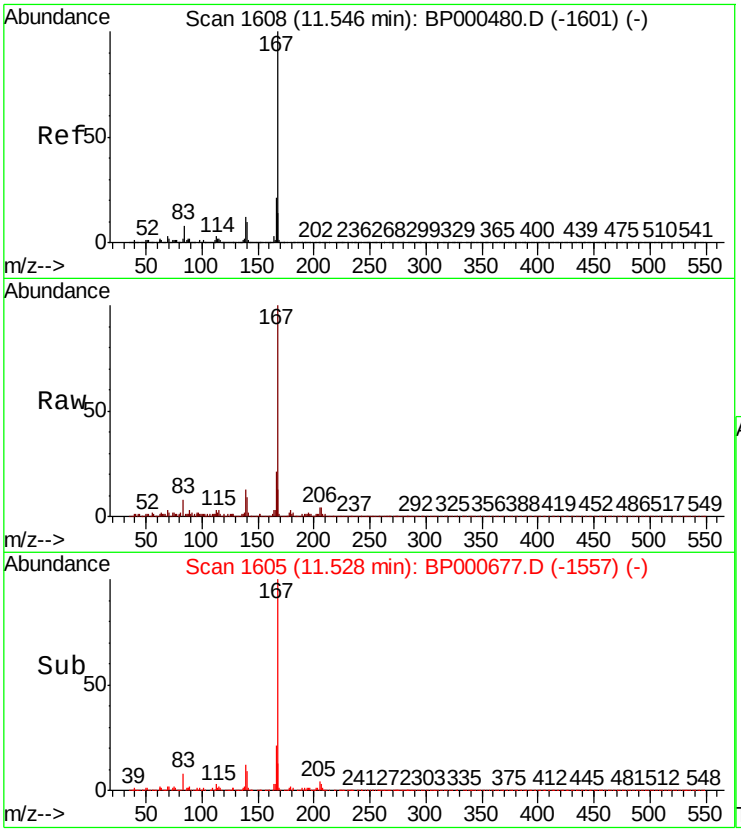


#72
Anthracene
Concen: 7.331 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Tgt Ion:178 Resp: 402163

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.0
179	15.6	12.6	19.0



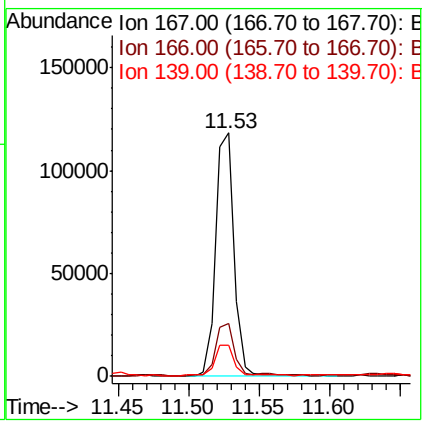


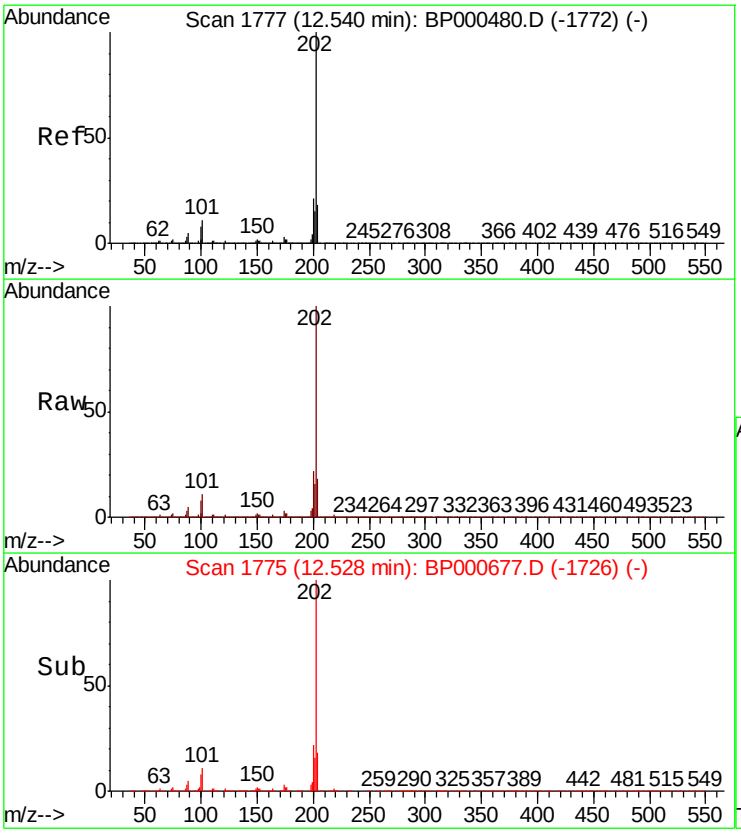
#73
Carbazole
Concen: 2.098 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:167 Resp: 106683

Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.9	25.3
139	12.6	9.7	14.5

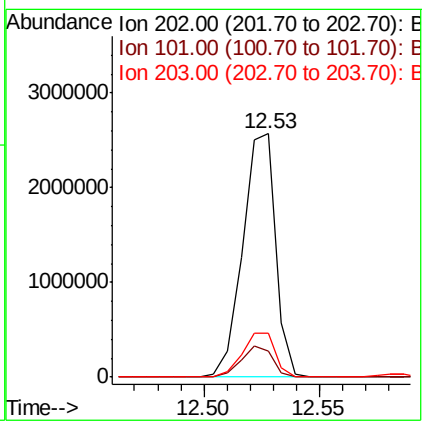


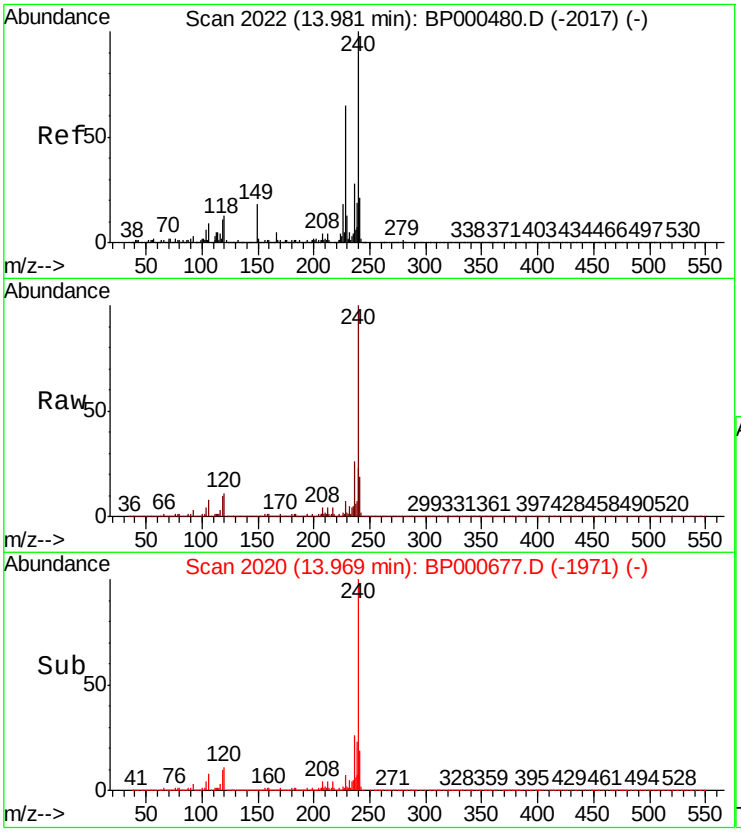


#75
Fluoranthene
Concen: 41.234 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Tgt Ion:202 Resp: 2562182

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.3
203	18.0	0.0	38.1



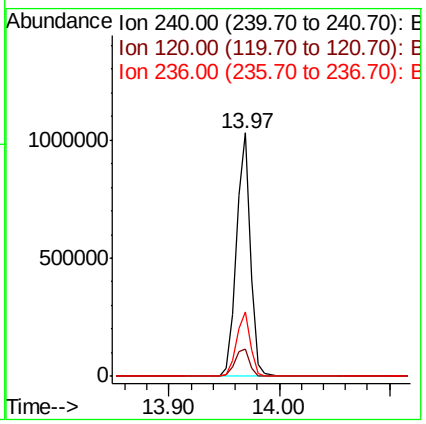


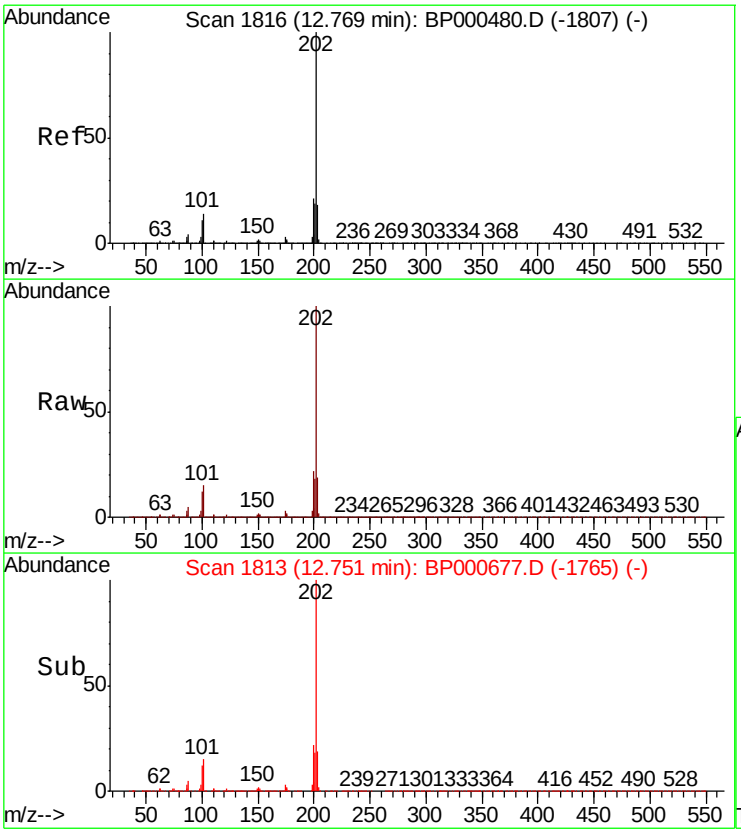
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 911112

Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.1	15.1
236	26.5	22.7	34.1

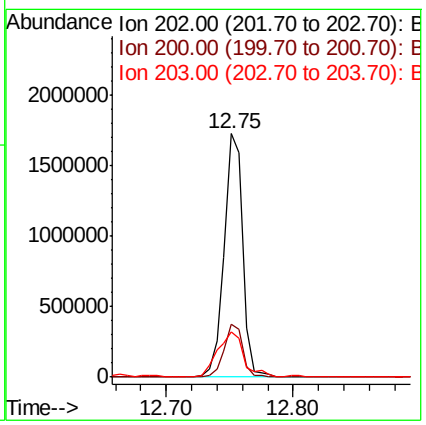


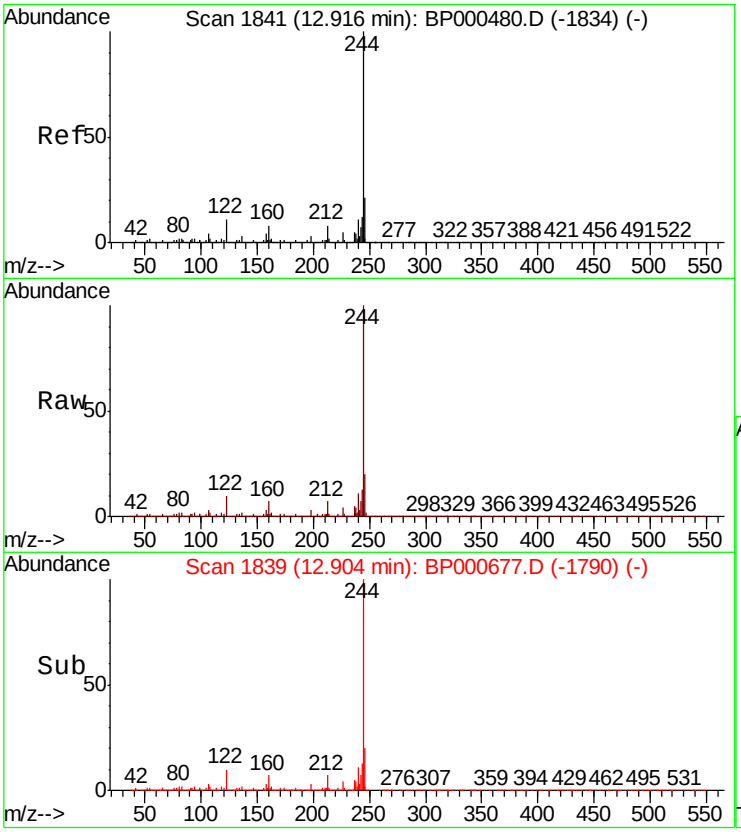


#78
Pyrene
Concen: 27.761 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Tgt Ion:202 Resp: 1744460

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.1	25.7
203	18.8	14.6	21.8



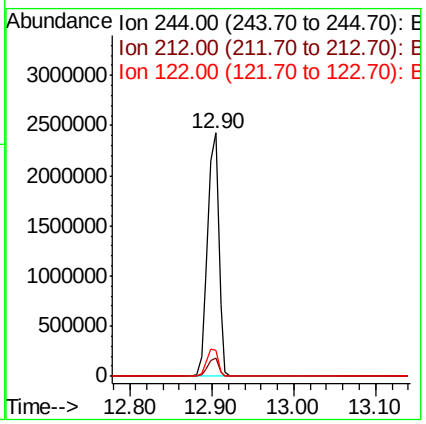


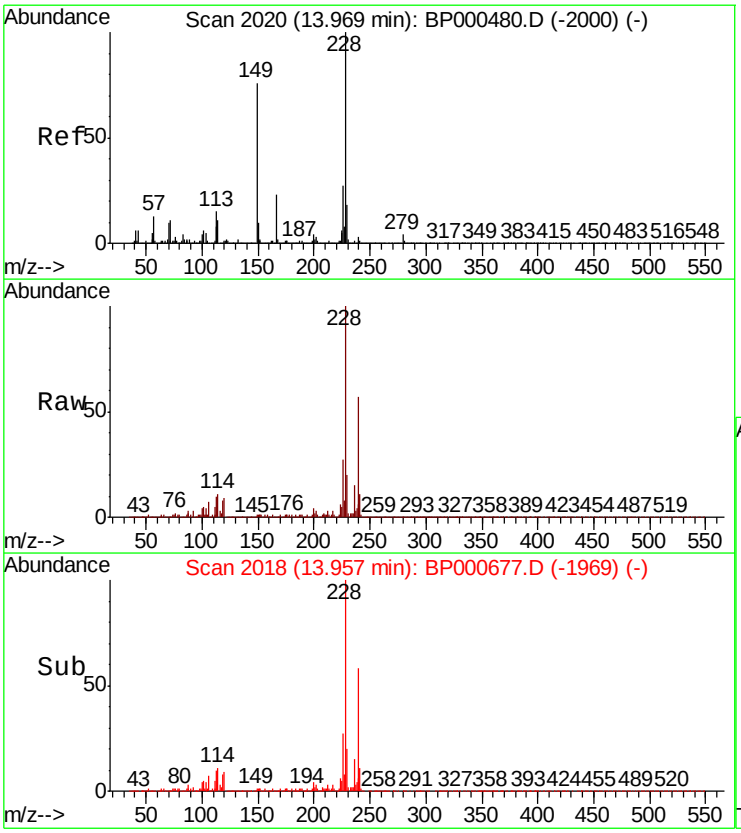
#79
Terphenyl-d14
Concen: 51.429 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 2314256

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.5	8.9	13.3

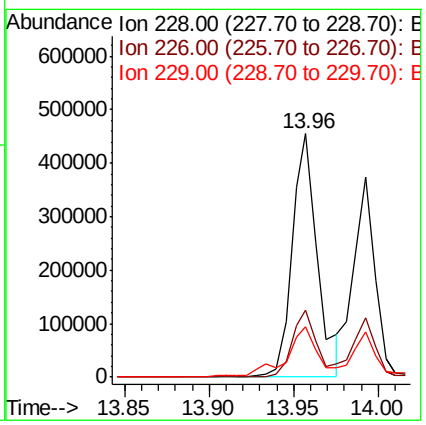


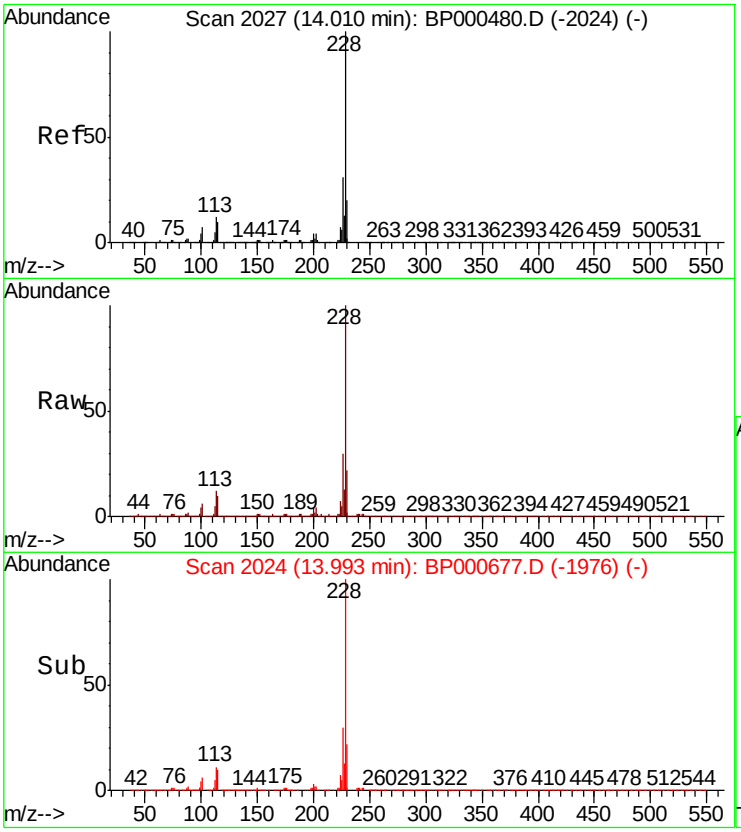


#81
Benzo(a)anthracene
Concen: 8.507 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Tgt Ion:228 Resp: 472902

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.4	32.2
229	20.4	14.7	22.1



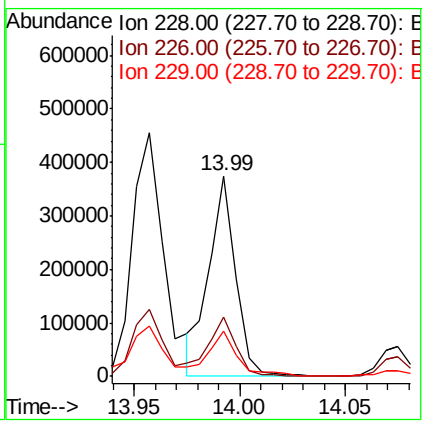


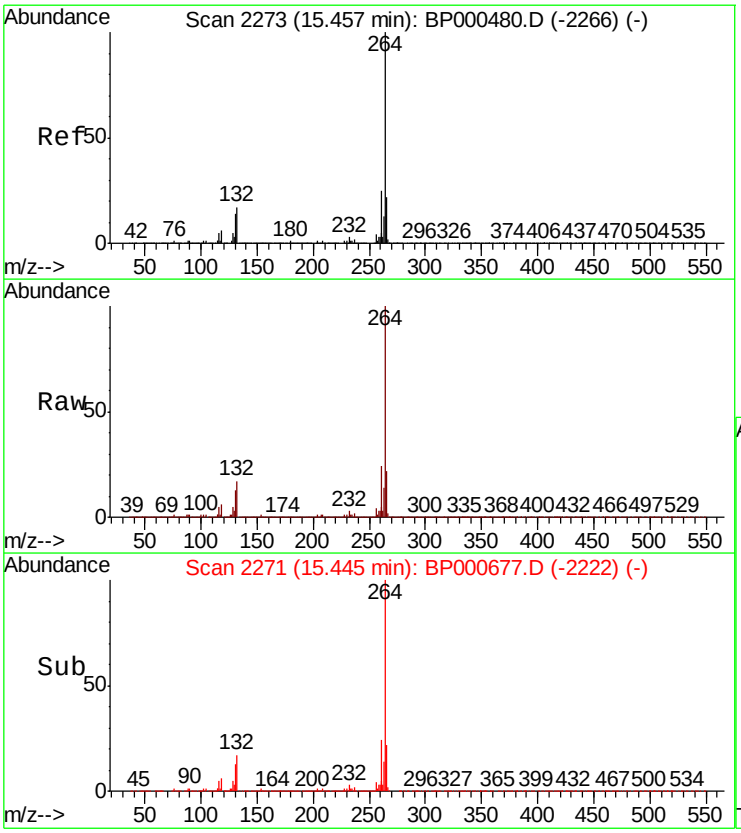
#83
Chrysene
Concen: 6.052 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 330216

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.7	37.1
229	22.2	16.3	24.5

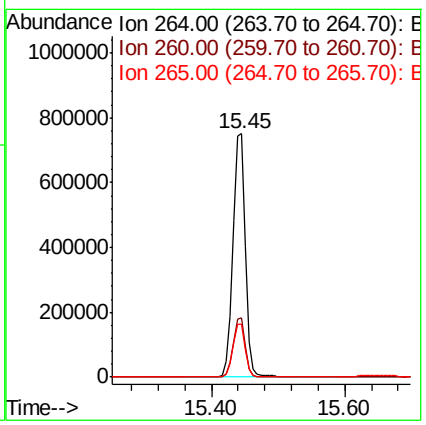


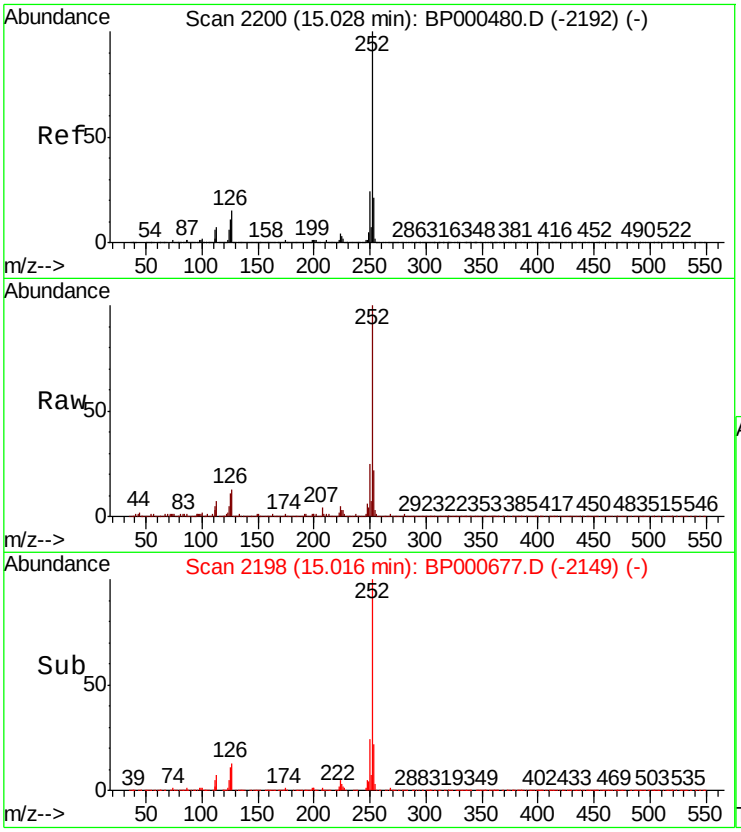


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Tgt Ion:264 Resp: 989422

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.3	30.5
265	21.7	18.0	27.0



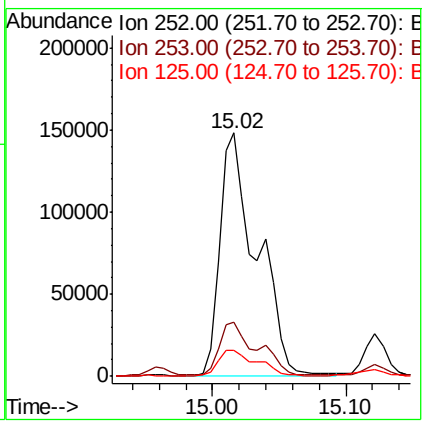


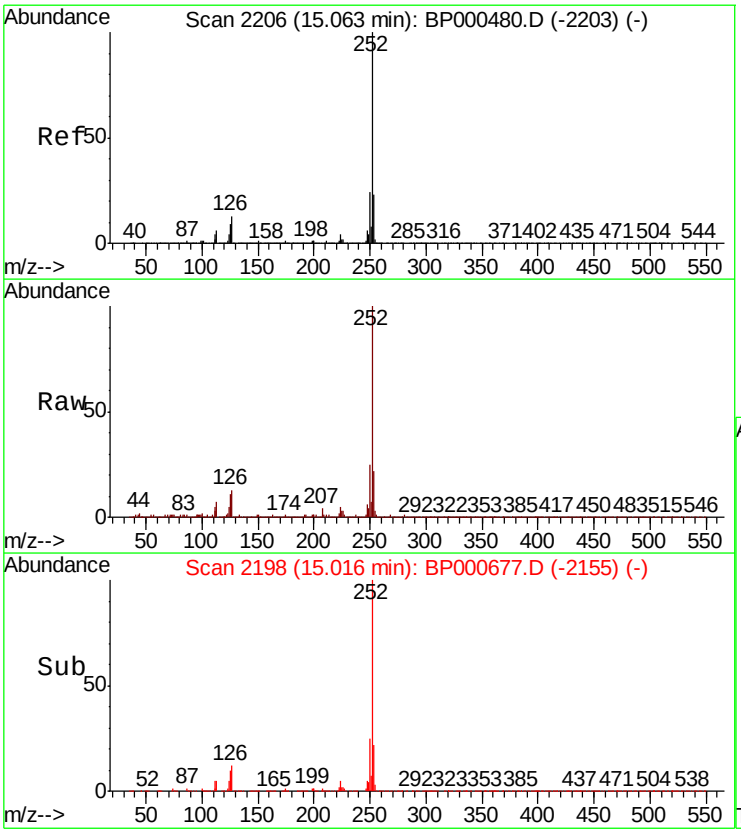
#88
Benzo(b)fluoranthene
Concen: 5.069 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 284510

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	10.8	8.9	13.3

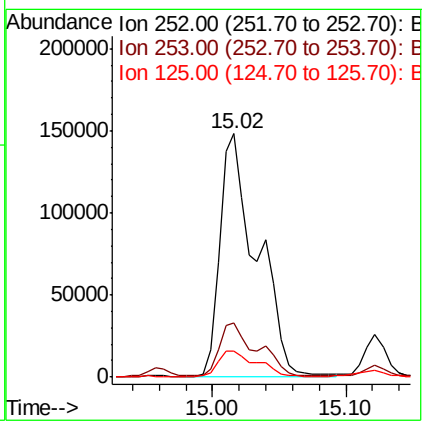


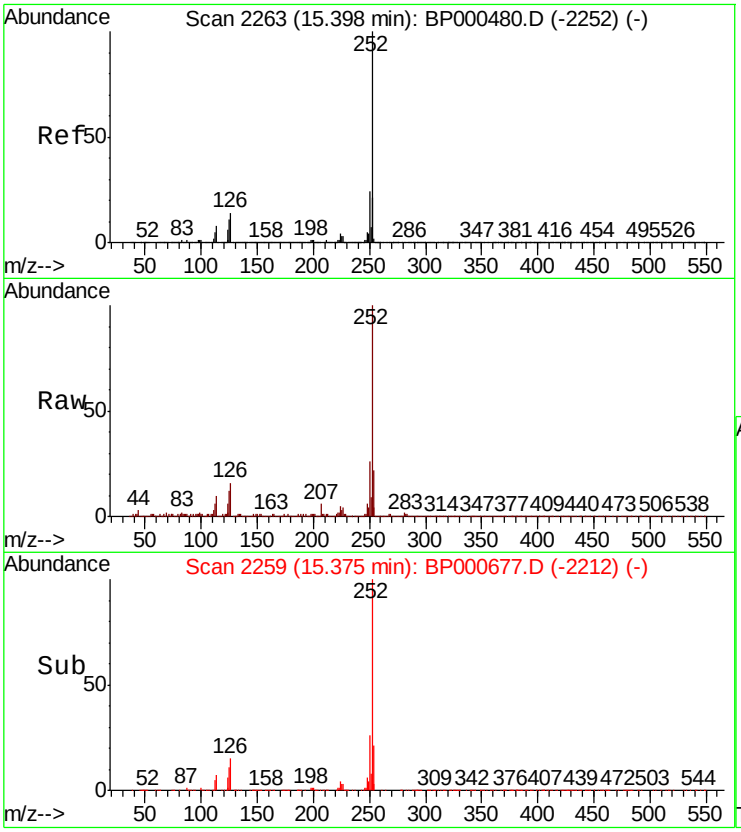


#89
Benzo(k)fluoranthene
Concen: 5.324 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.05 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Tgt Ion:252 Resp: 284510

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	10.8	7.8	11.8





#90
Benzo(a)pyrene
Concen: 2.011 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BP000677.D
Acq: 12 Oct 2019 19:10

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 105243

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	12.1	8.4	12.6