Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000870.D
Acq On : 18 Oct 2019 05:30
Operator : JU
Sample : K5152-06 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-101619

Quant Time: Oct 18 07:51:13 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	192285	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	659325	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	347452	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	638853	20.00	ng		0.00
76) Chrysene-d12	14.00	240	413547	20.00	ng		0.02
87) Perylene-d12	15.48	264	518098	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	494799	41.36	ng		-0.02
7) Phenol-d6	6.39	99	657556	45.62	ng		-0.02
23) Nitrobenzene-d5	7.31	82	346969	32.14	ng		-0.02
42) 2,4,6-Tribromophenol	10.59	330	180177	48.66	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	790495	36.81	ng		-0.02
79) Terphenyl-d14	12.91	244	916835	44.89	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.06	128	195520	6.350	ng		98
35) Caprolactam	8.47	113	28026	8.817	ng	#	54
37) 2-Methylnaphthalene	8.75	142	125528	6.073	ng		99
38) 1-Methylnaphthalene	8.75	142	125528	6.427	ng		99
41) Hexachlorocyclopentadiene	9.03	237	13	7.300	ng		76
49) Acenaphthylene	9.66	152	385174	12.589	ng		99
50) Dimethylphthalate	9.51	163	198785	8.234	ng	#	93
52) Acenaphthene	9.83	154	511613	27.566	ng		99
55) Dibenzofuran	10.00	168	595355	21.459	ng		97
56) 4-Nitrophenol	10.00	139	221817	57.593	ng	#	17
58) Fluorene	10.35	166	927976	46.930	ng		98
71) Phenanthrene	11.34	178	6292499	196.121	ng		96
72) Anthracene	11.39	178	2685387	84.412	ng		99
73) Carbazole	11.53	167	499130	16.925	ng		98
75) Fluoranthene	12.56	202	8469693	235.041	ng		97
78) Pyrene	12.79	202	6866215	240.732	ng		96
81) Benzo(a)anthracene	13.99	228	4928125	195.310	ng	#	92
83) Chrysene	14.03	228	3674742	148.382	ng		96
86) Indeno(1,2,3-cd)pyrene	16.99	276	2247708	72.658	ng	#	93
88) Benzo(b)fluoranthene	15.06	252	6853782	233.177	ng		95
89) Benzo(k)fluoranthene	15.06	252	6853782	244.922	ng		99
90) Benzo(a)pyrene	15.43	252	3674780	134.116	ng		95
91) Dibenzo(a,h)anthracene	17.14	278	516953	19.453	ng		96
92) Benzo(g,h,i)perylene	17.43	276	1952169	72.294	ng		97

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

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ALS Vial : 26 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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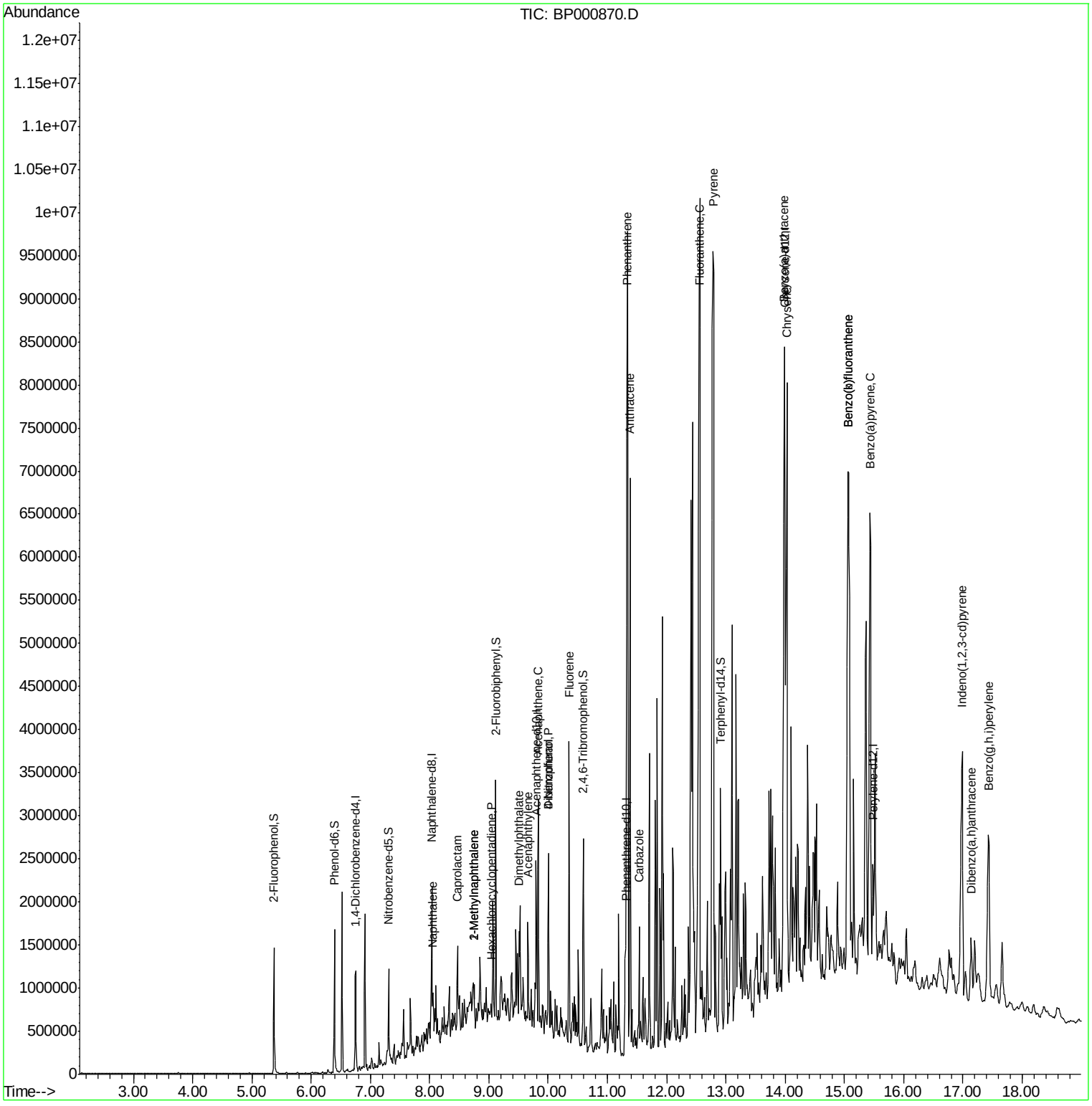
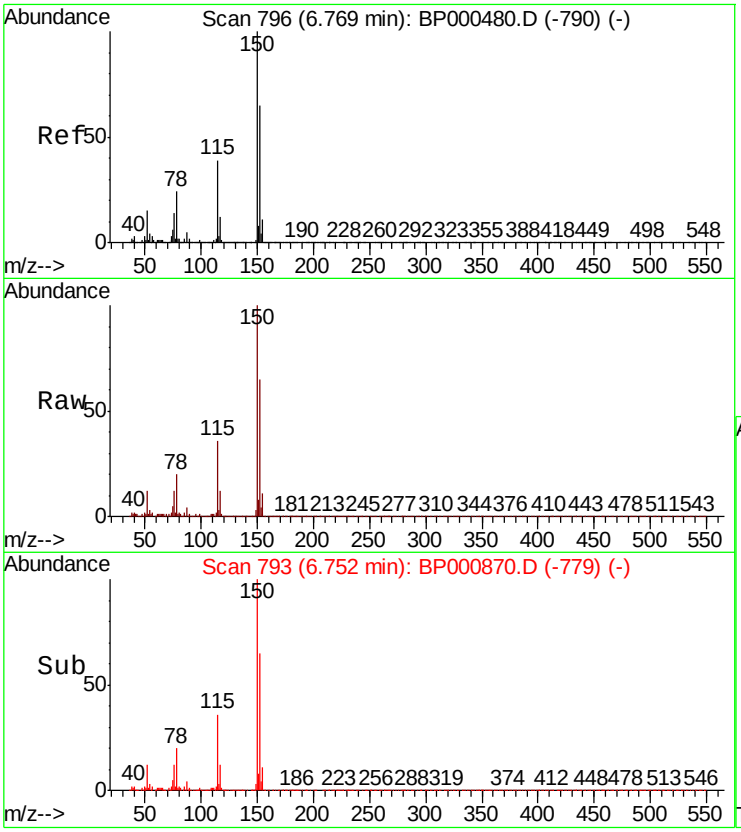


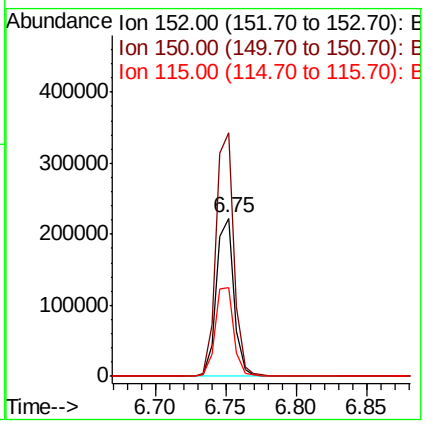


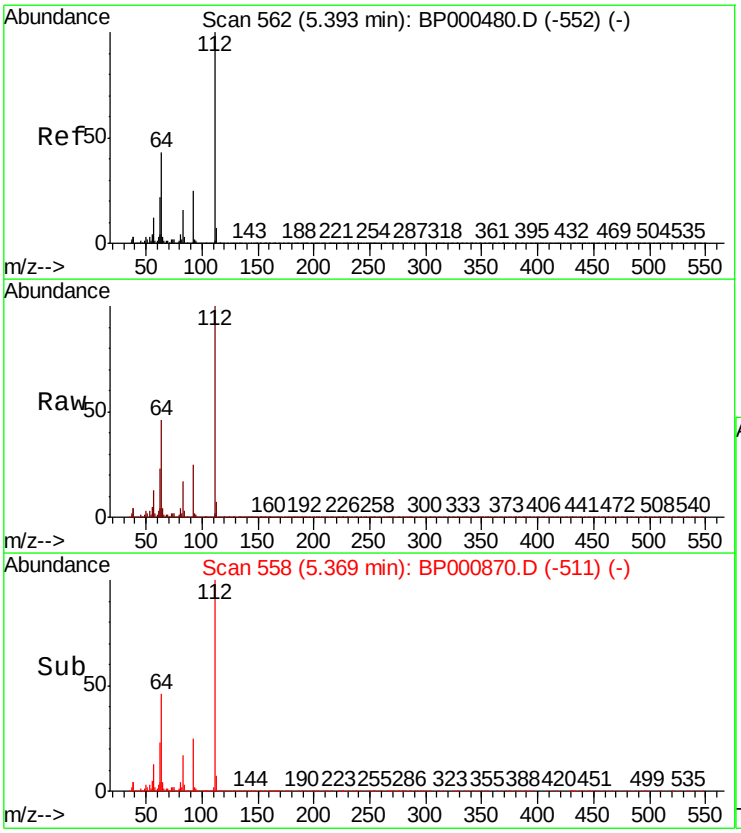
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tgt Ion:152 Resp: 192285

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.1	186.1
115	55.7	48.7	73.1

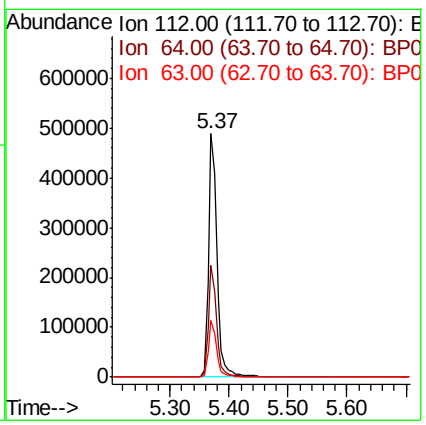


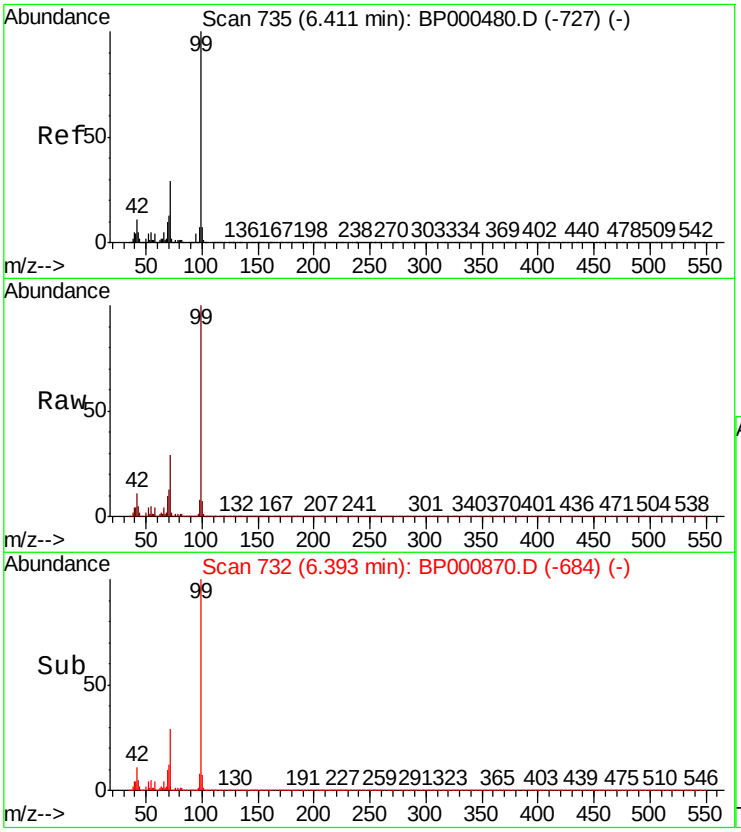


#5
2-Fluorophenol
Concen: 41.364 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.02 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Tgt Ion:112 Resp: 494799

Ion	Ratio	Lower	Upper
112	100		
64	45.9	34.2	51.4
63	23.4	17.9	26.9



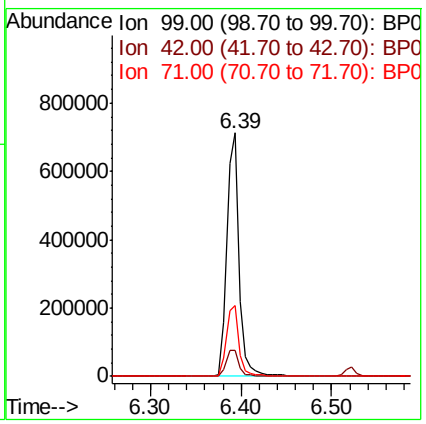


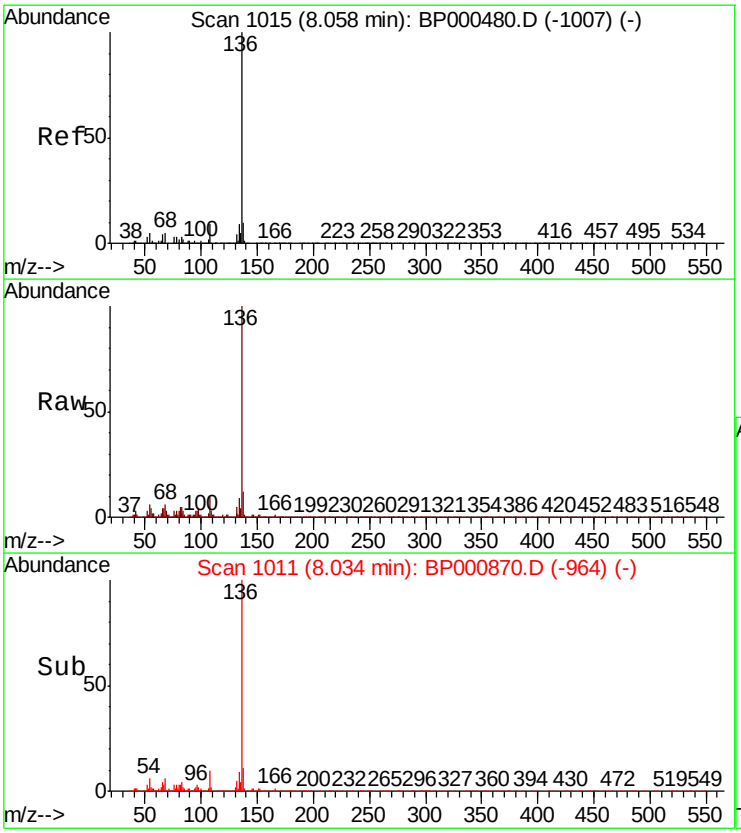
#7
Phenol-d6
Concen: 45.616 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tgt Ion: 99 Resp: 657556

Ion	Ratio	Lower	Upper
99	100		
42	10.6	8.6	12.8
71	29.3	23.0	34.4

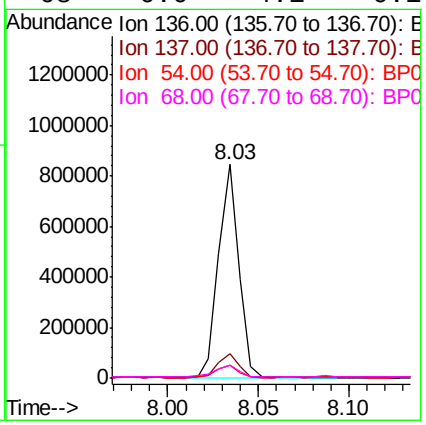


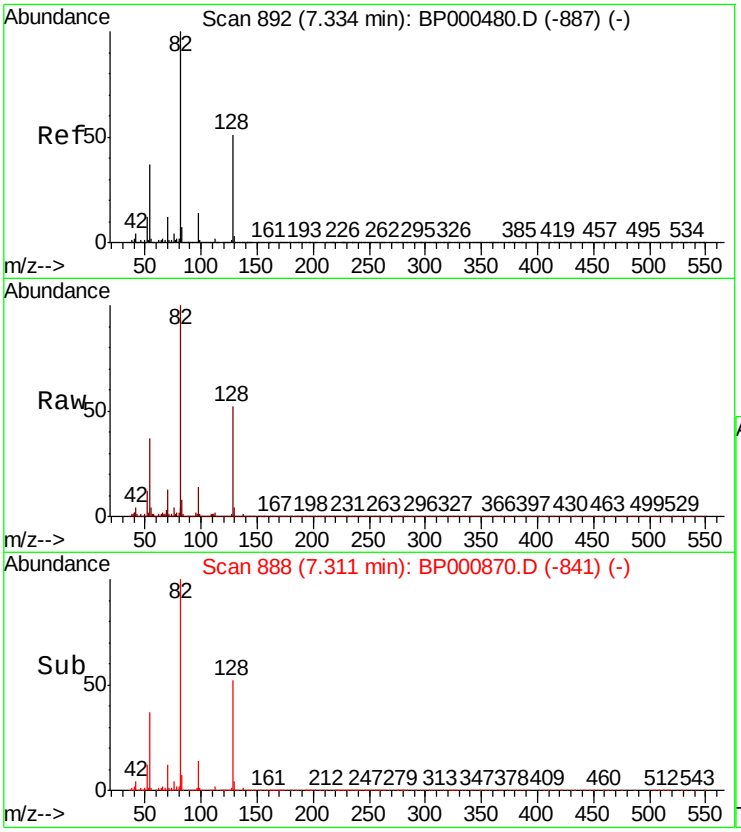


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Tgt Ion:136 Resp: 659325

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.4
54	5.7	4.1	6.1
68	6.0	4.1	6.1



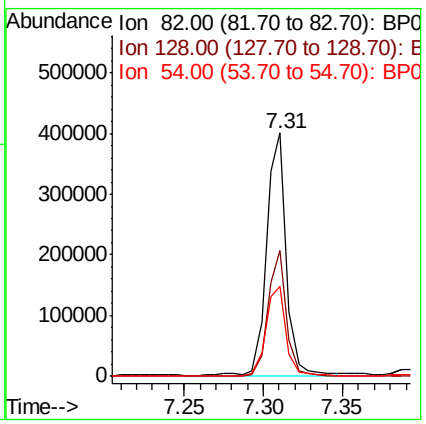


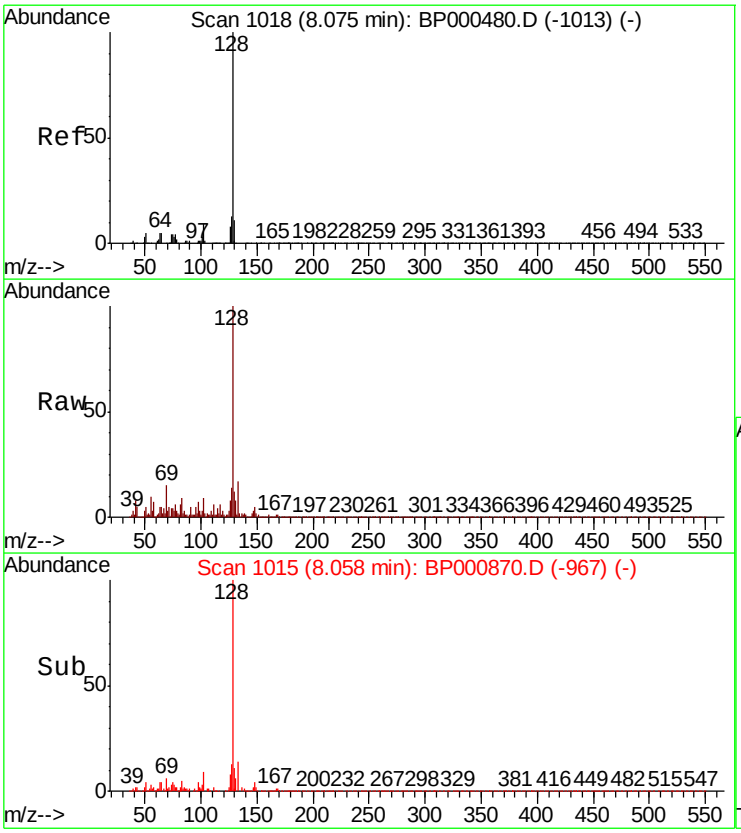
#23
Nitrobenzene-d5
Concen: 32.141 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tgt Ion: 82 Resp: 346969

Ion	Ratio	Lower	Upper
82	100		
128	51.8	40.9	61.3
54	36.9	29.4	44.2

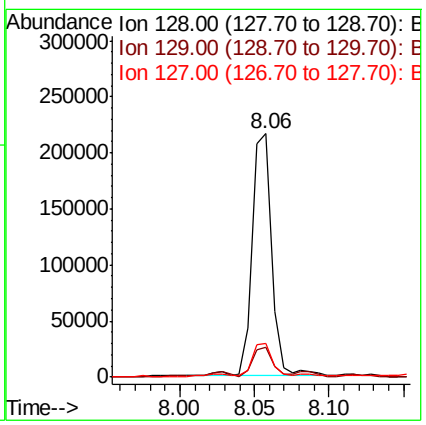


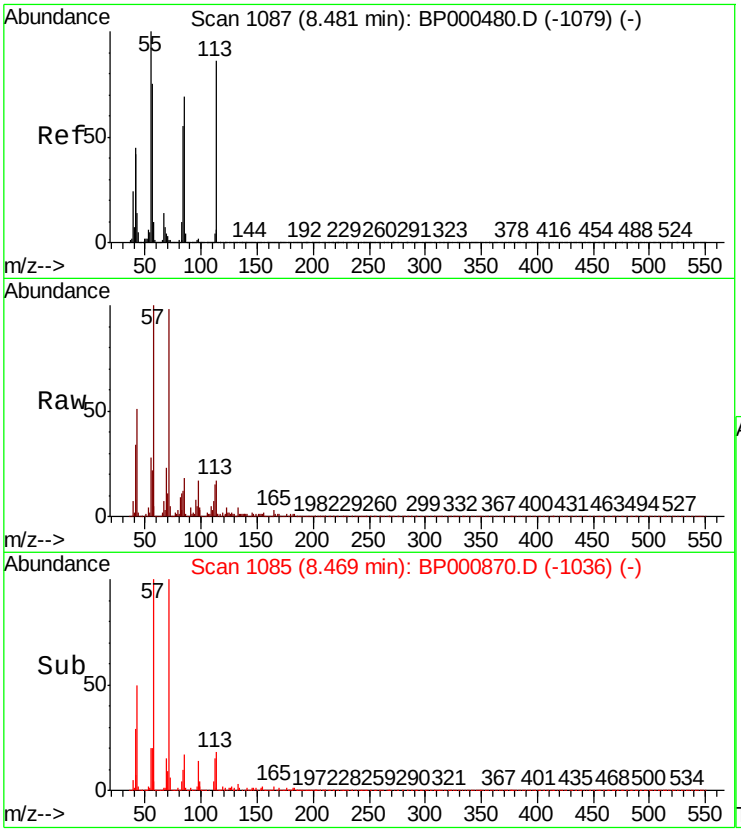


#31
Naphthalene
Concen: 6.350 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Tgt Ion:128 Resp: 195520

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.0	13.6
127	13.7	10.5	15.7



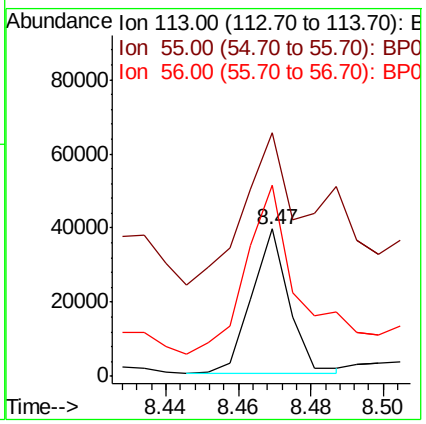


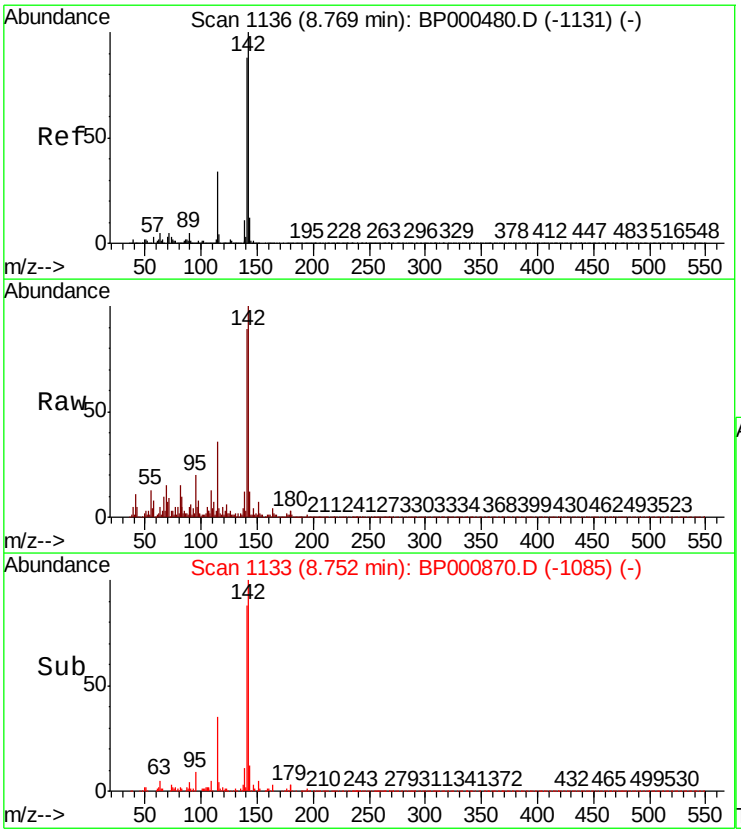
#35
Caprolactam
Concen: 8.817 ng
RT: 8.47 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tgt Ion:113 Resp: 28026

Ion	Ratio	Lower	Upper
113	100		
55	165.3	95.9	135.9#
56	129.6	67.2	107.2#

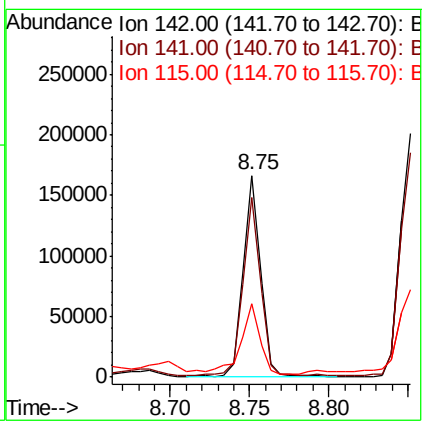


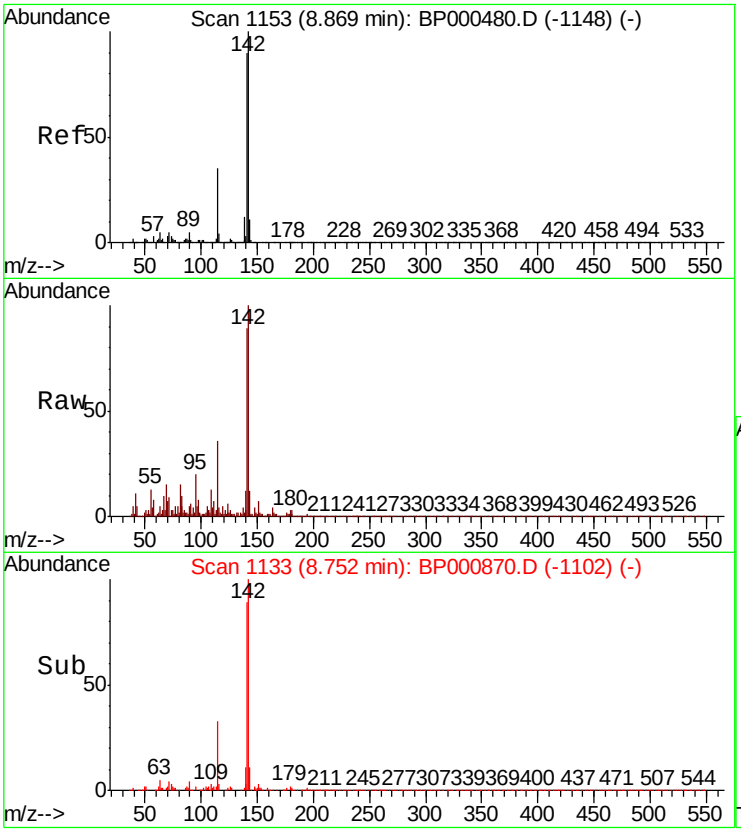


#37
2-Methylnaphthalene
Concen: 6.073 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Tgt Ion:142 Resp: 125528

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.6	106.0
115	36.1	27.4	41.0



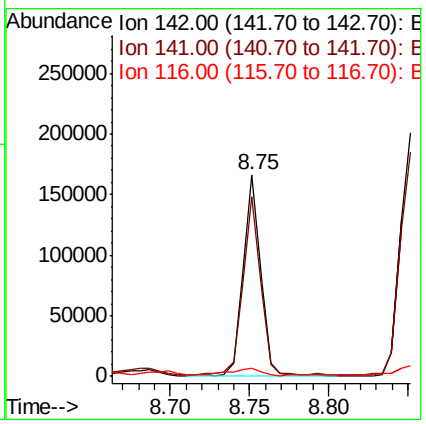


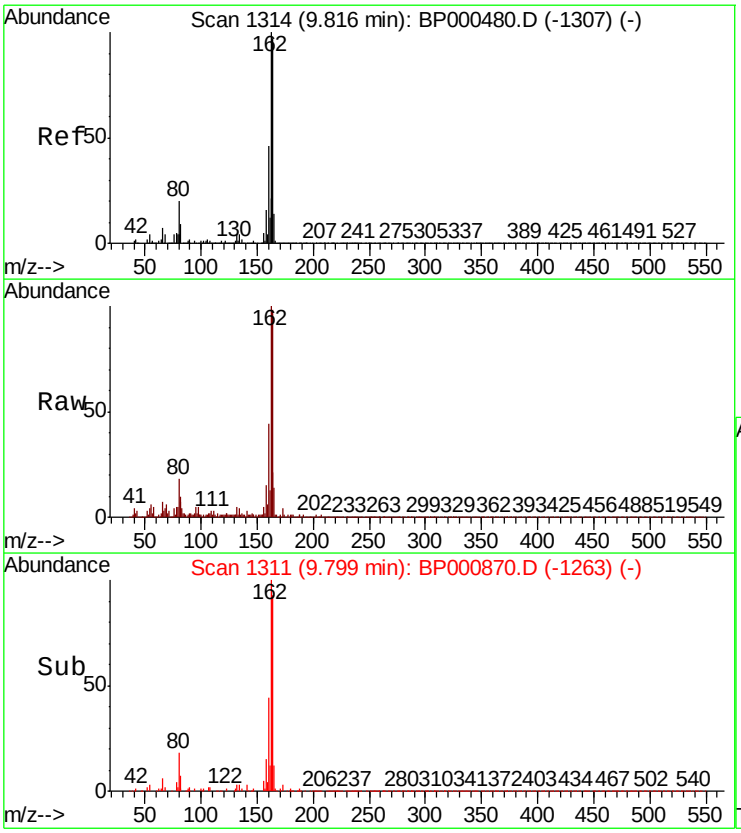
#38
1-Methylnaphthalene
Concen: 6.427 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.12 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tgt Ion:142 Resp: 125528

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.9	107.9
116	4.1	3.0	4.4

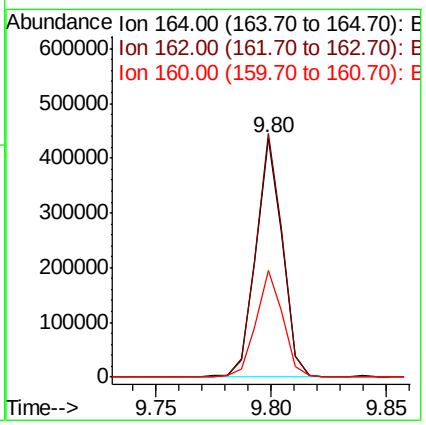


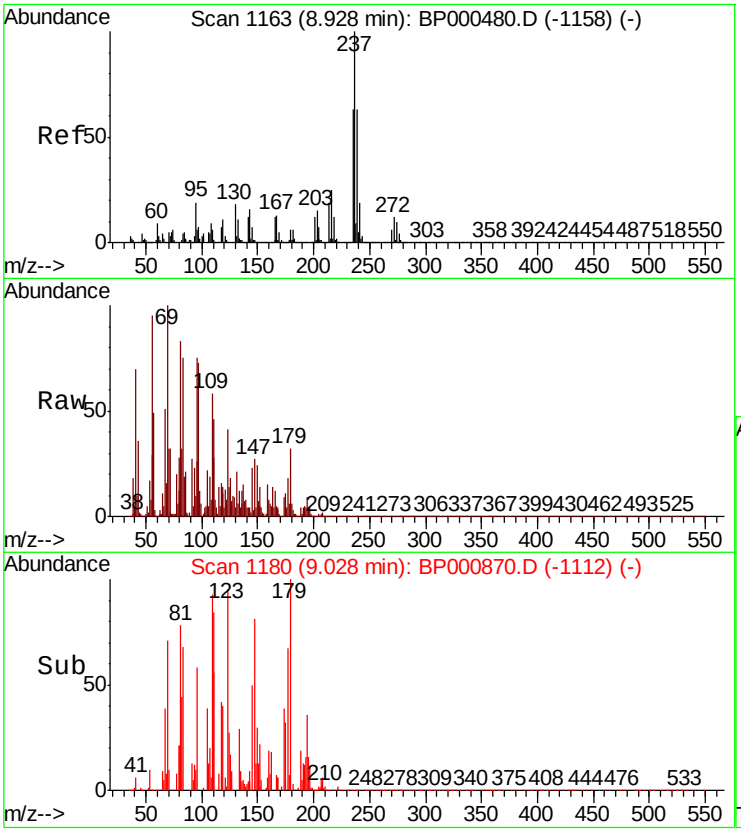


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Tgt Ion:164 Resp: 347452

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.2	123.2
160	44.9	37.6	56.4



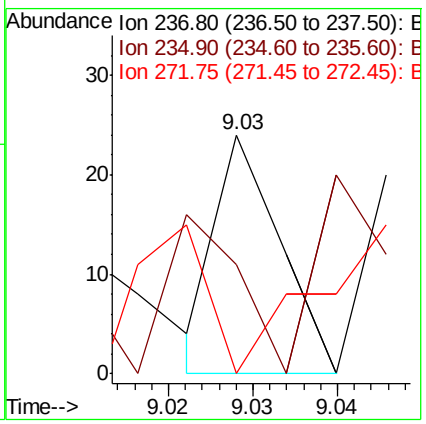


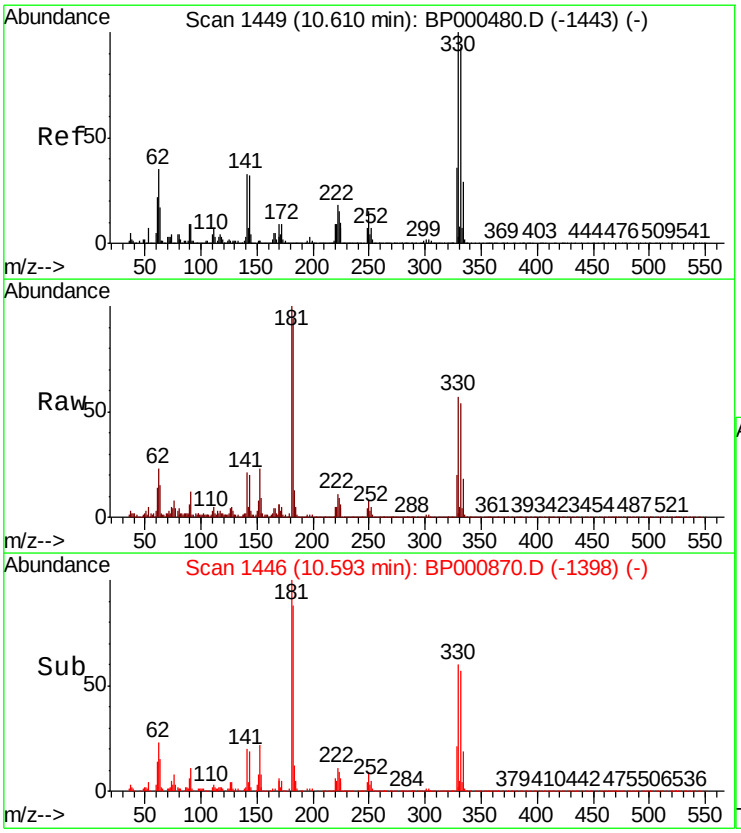
#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.10 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tgt Ion:237 Resp: 13

Ion	Ratio	Lower	Upper
237	100		
235	45.8	42.9	82.9
272	0.0	0.0	32.4

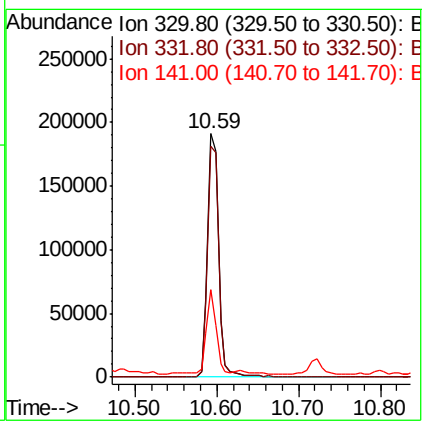


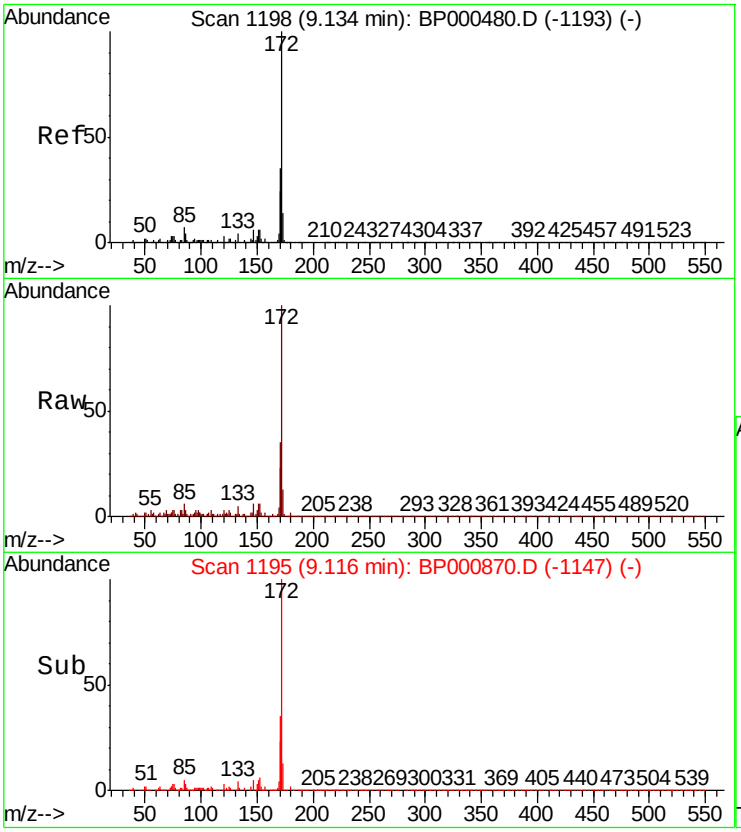


#42
2,4,6-Tribromophenol
Concen: 48.663 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Tgt Ion:330 Resp: 180177

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	28.3	26.0	39.0



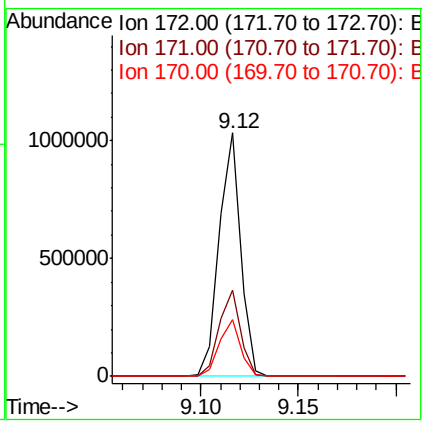


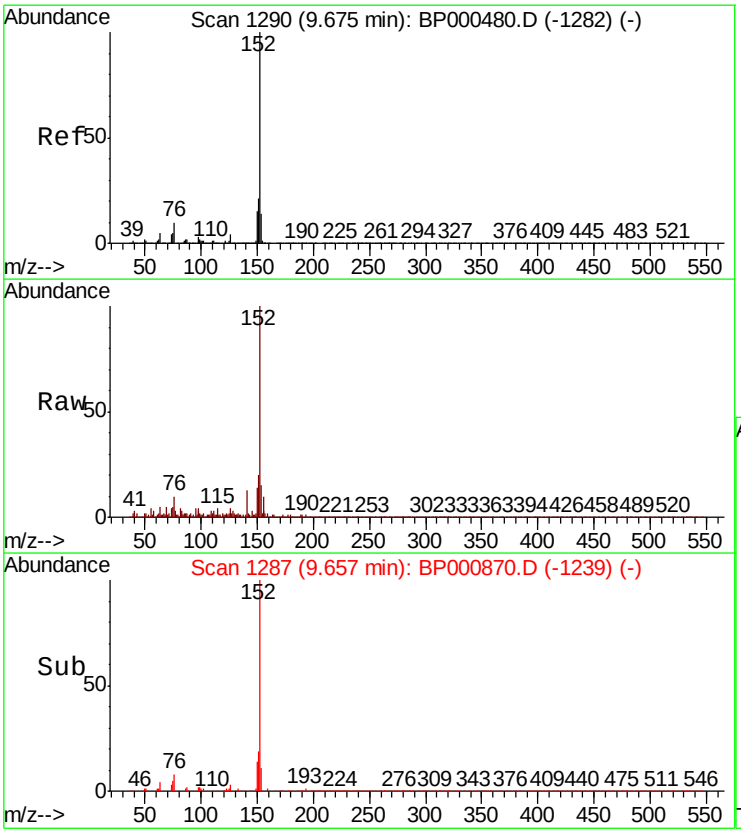
#45
2-Fluorobiphenyl
Concen: 36.811 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tgt Ion:172 Resp: 790495

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.4	42.6
170	23.1	19.1	28.7

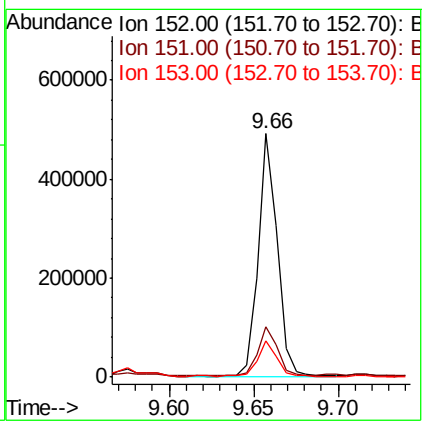


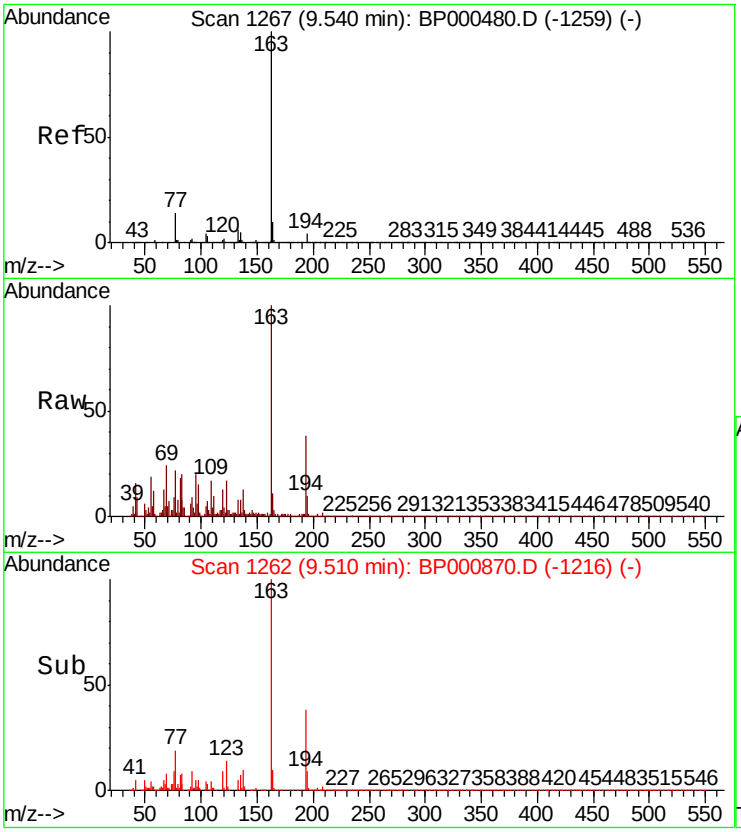


#49
Acenaphthylene
Concen: 12.589 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Tgt Ion:152 Resp: 385174

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	25.0
153	14.6	11.0	16.6



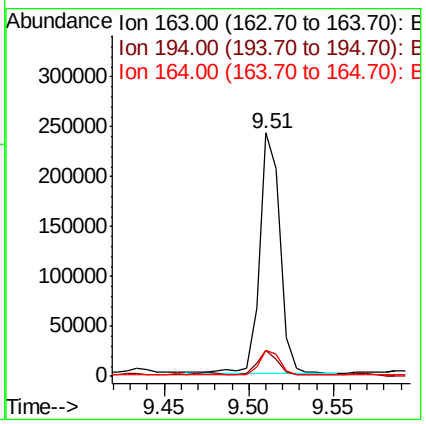


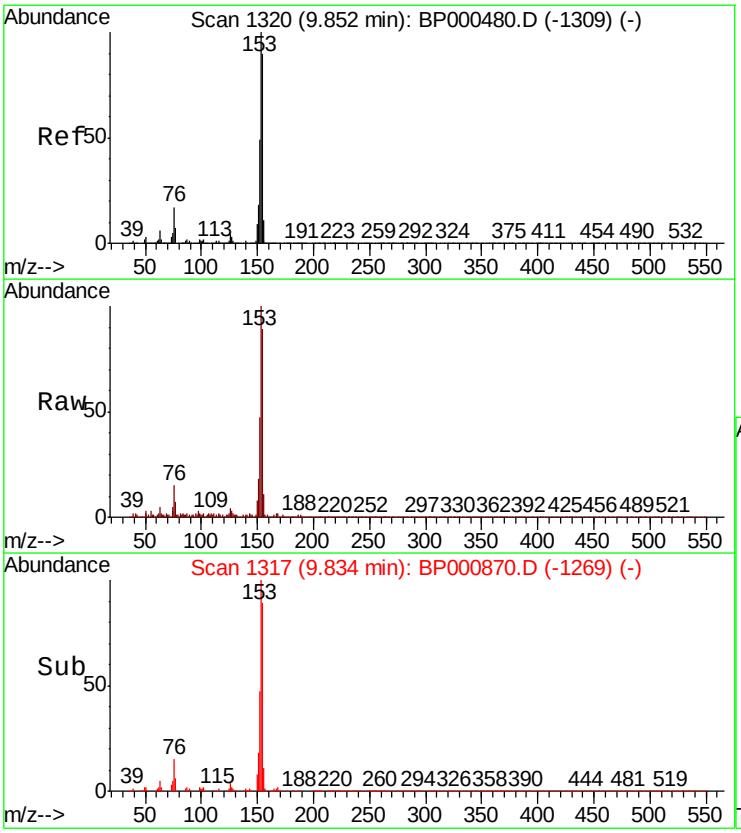
#50
Dimethylphthalate
Concen: 8.234 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tgt Ion:163 Resp: 198785

Ion	Ratio	Lower	Upper
163	100		
194	10.4	3.4	5.2#
164	10.5	8.0	12.0

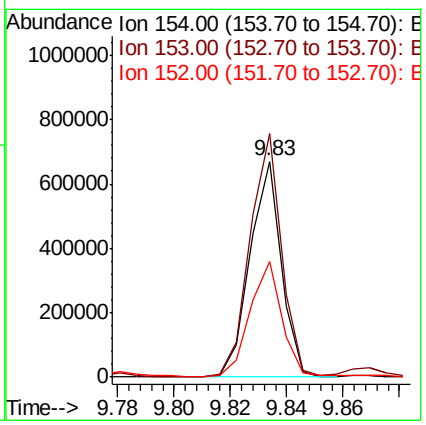


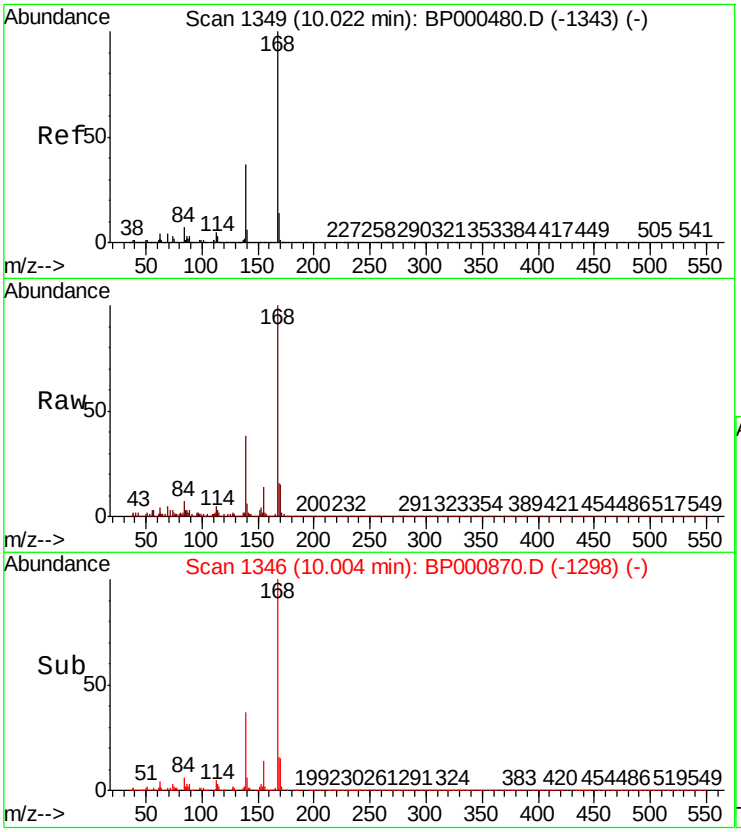


#52
Acenaphthene
Concen: 27.566 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Tgt Ion:154 Resp: 511613

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.4	134.0
152	53.5	43.8	65.8



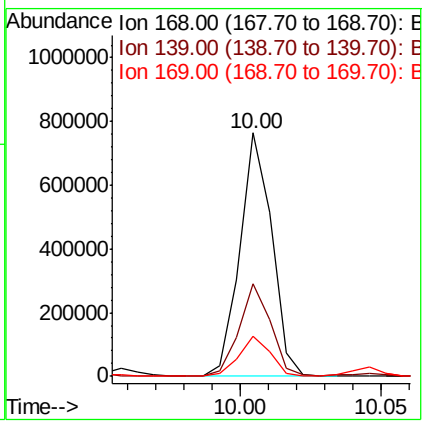


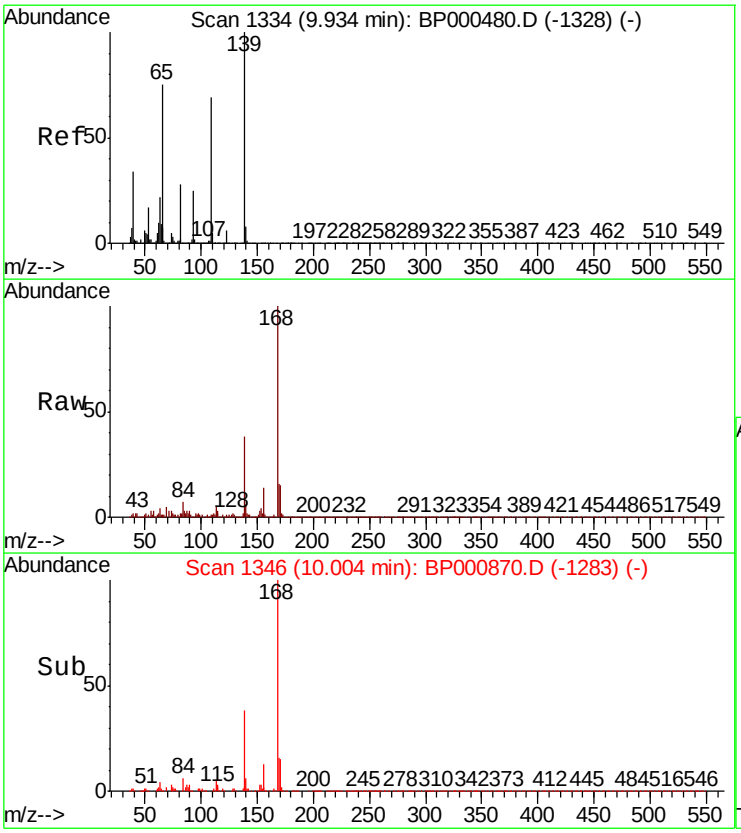
#55
Dibenzofuran
Concen: 21.459 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tgt Ion:168 Resp: 595355

Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.5	44.3
169	16.2	11.1	16.7

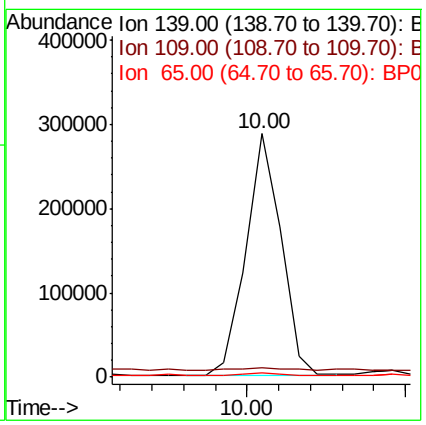


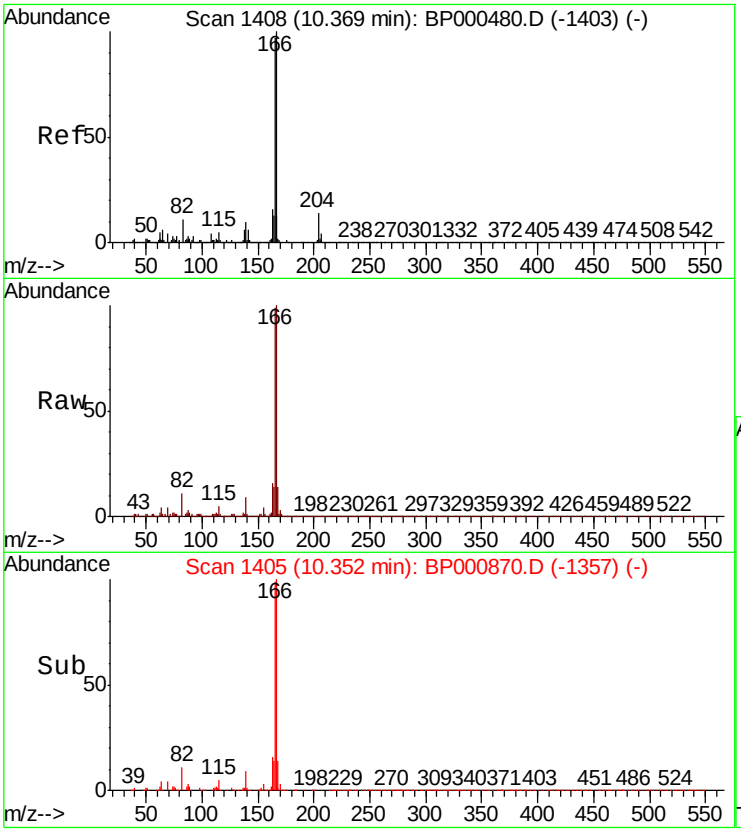


#56
4-Nitrophenol
Concen: 57.593 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.07 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Tgt Ion:139 Resp: 221817

Ion	Ratio	Lower	Upper
139	100		
109	3.6	48.6	88.6#
65	2.0	55.3	95.3#



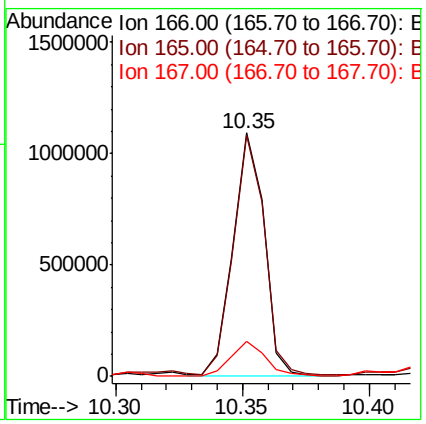


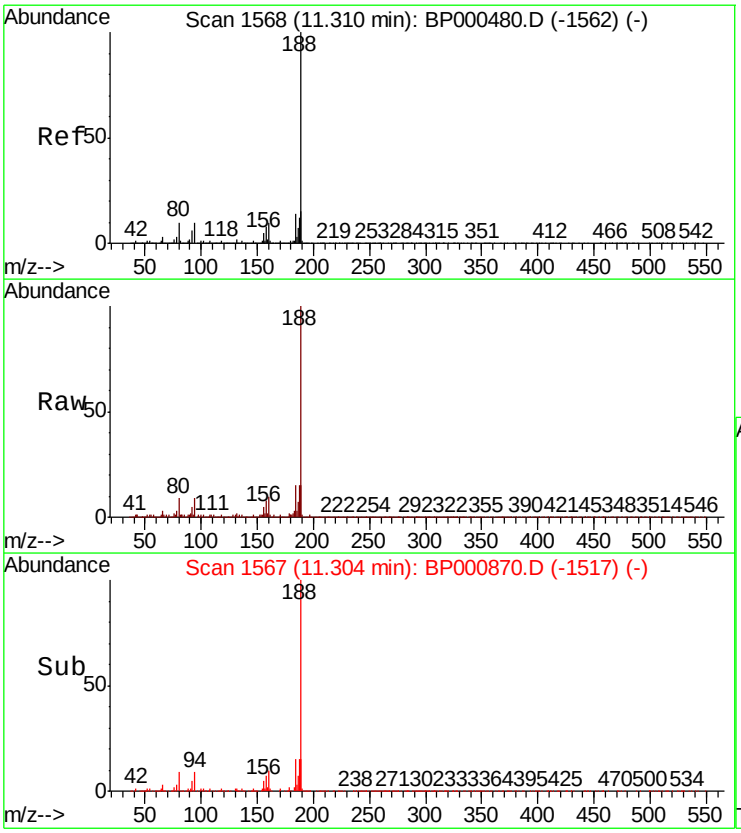
#58
Fluorene
Concen: 46.930 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tgt Ion:166 Resp: 927976

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.3	115.9
167	14.2	10.6	16.0

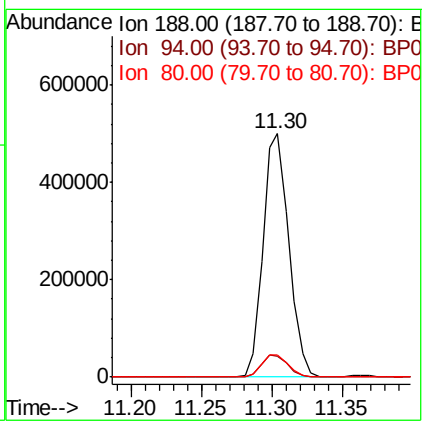


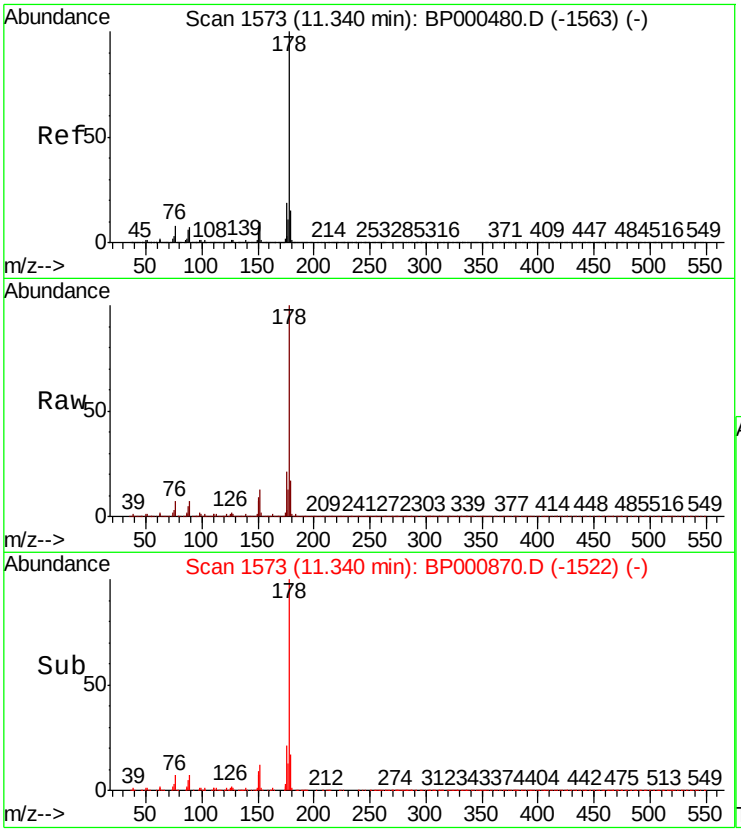


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Tgt Ion:188 Resp: 638853

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	8.9	8.3	12.5



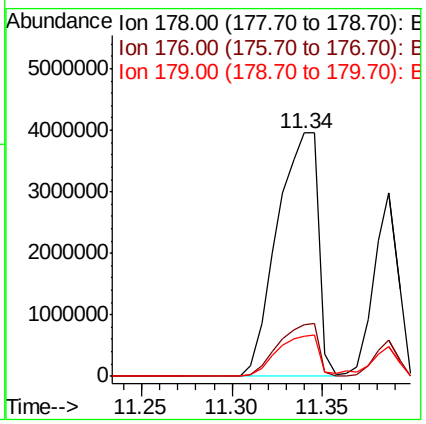


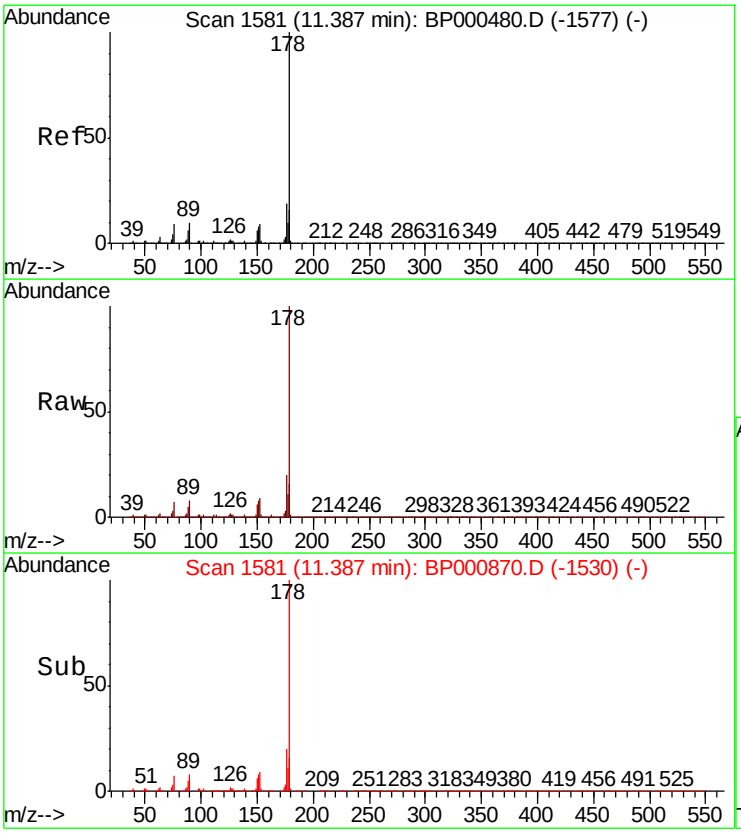
#71
Phenanthrene
Concen: 196.121 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tgt Ion:178 Resp: 6292499

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.4	23.2
179	16.7	12.2	18.4

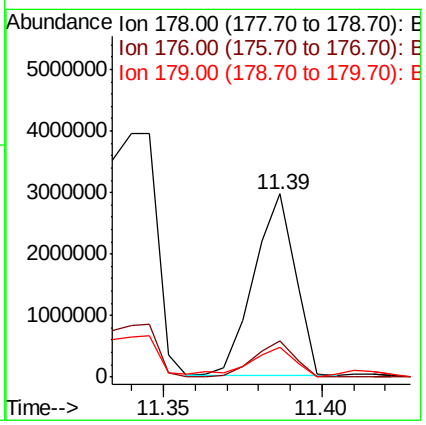


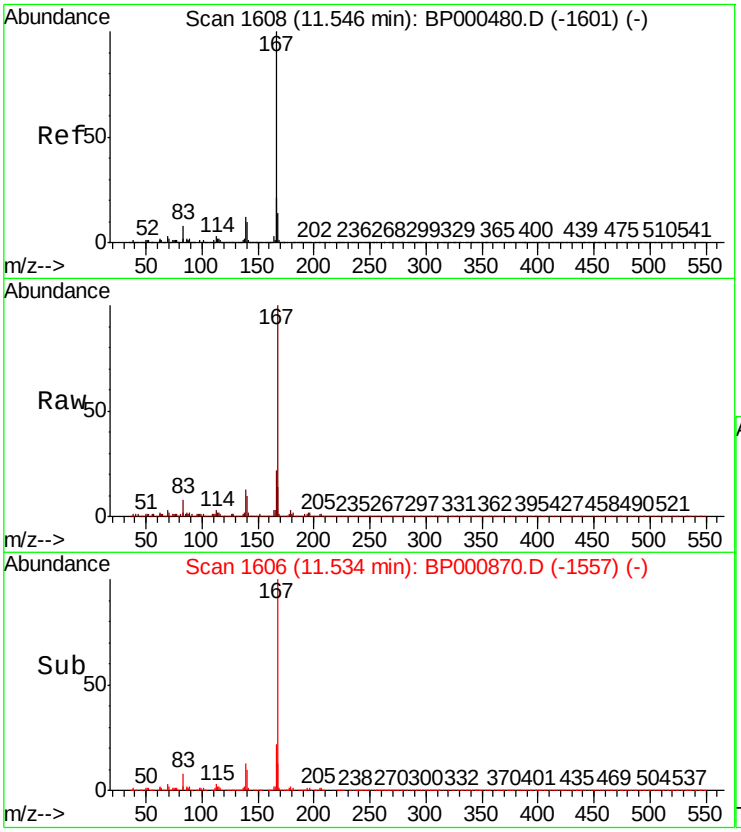


#72
Anthracene
Concen: 84.412 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Tgt Ion:178 Resp: 2685387

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	16.2	12.6	19.0



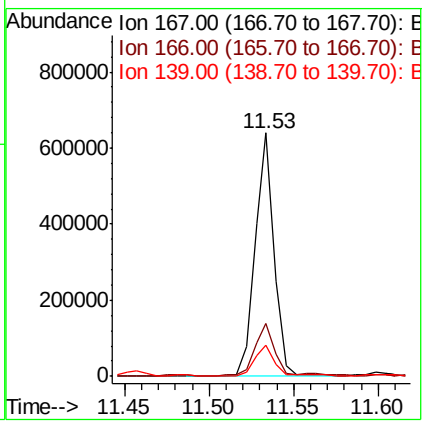


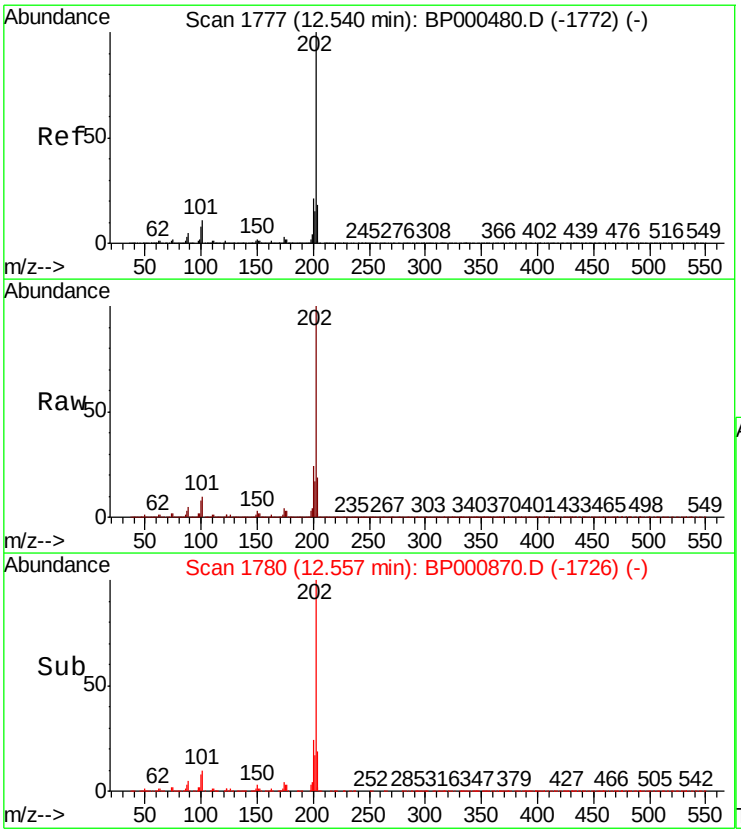
#73
Carbazole
Concen: 16.925 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tgt Ion:167 Resp: 499130

Ion	Ratio	Lower	Upper
167	100		
166	21.9	16.9	25.3
139	12.8	9.7	14.5

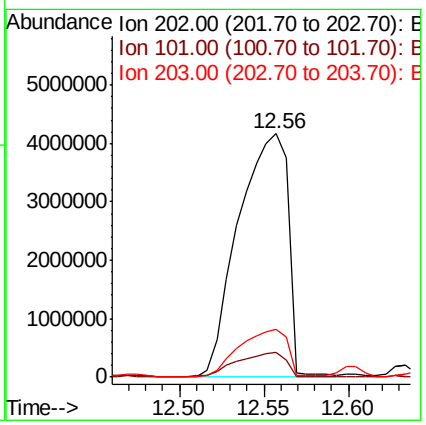


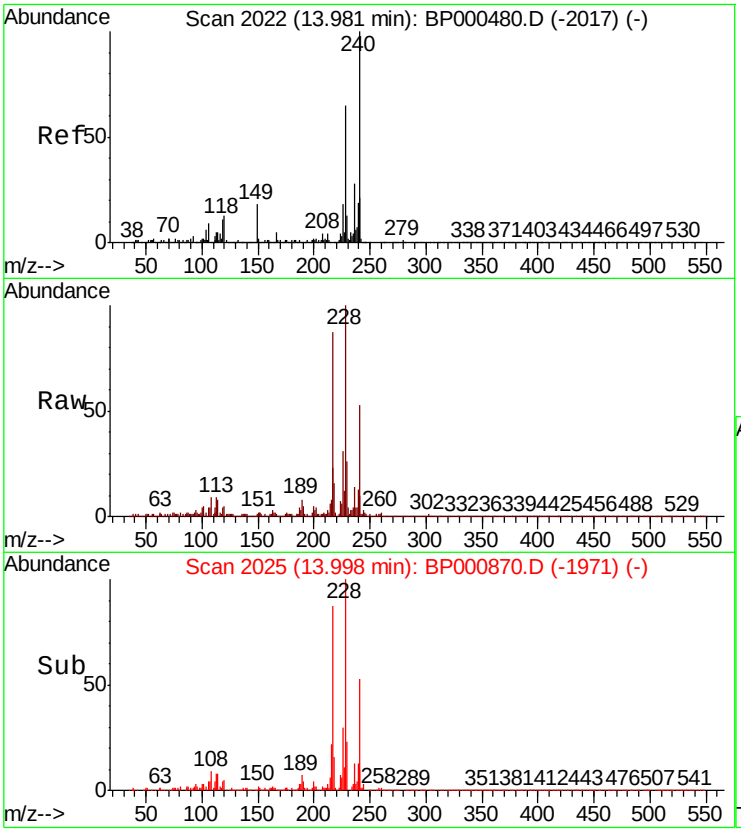


#75
Fluoranthene
Concen: 235.041 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.02 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Tgt Ion:202 Resp: 8469693

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.3
203	19.4	0.0	38.1



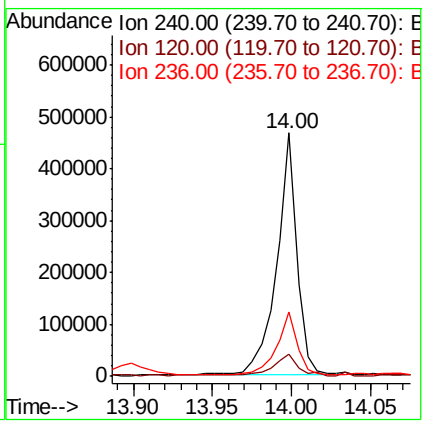


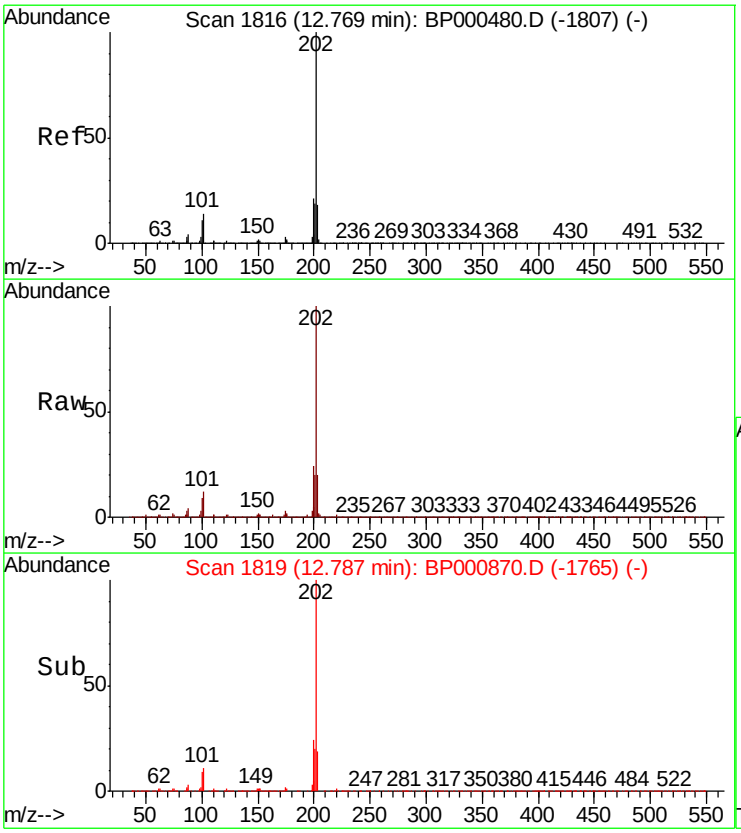
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.02 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tgt Ion:240 Resp: 413547

Ion	Ratio	Lower	Upper
240	100		
120	9.3	10.1	15.1#
236	26.5	22.7	34.1

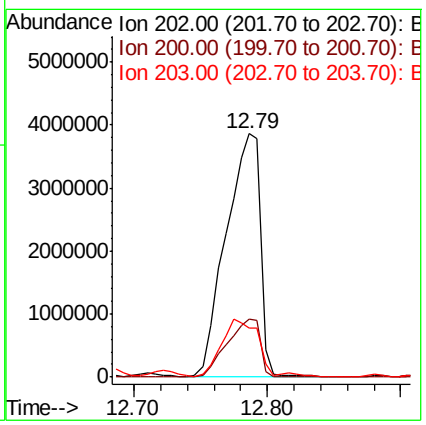


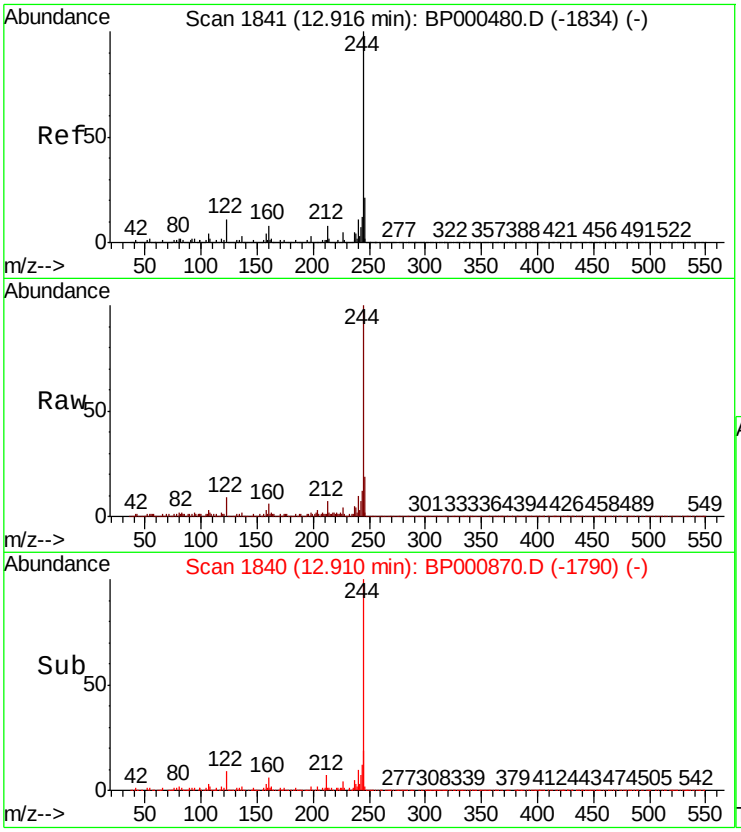


#78
Pyrene
Concen: 240.732 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.02 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Tgt Ion:202 Resp: 6866215

Ion	Ratio	Lower	Upper
202	100		
200	23.7	17.1	25.7
203	19.9	14.6	21.8



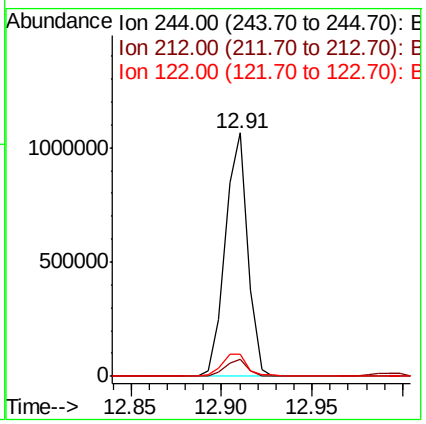


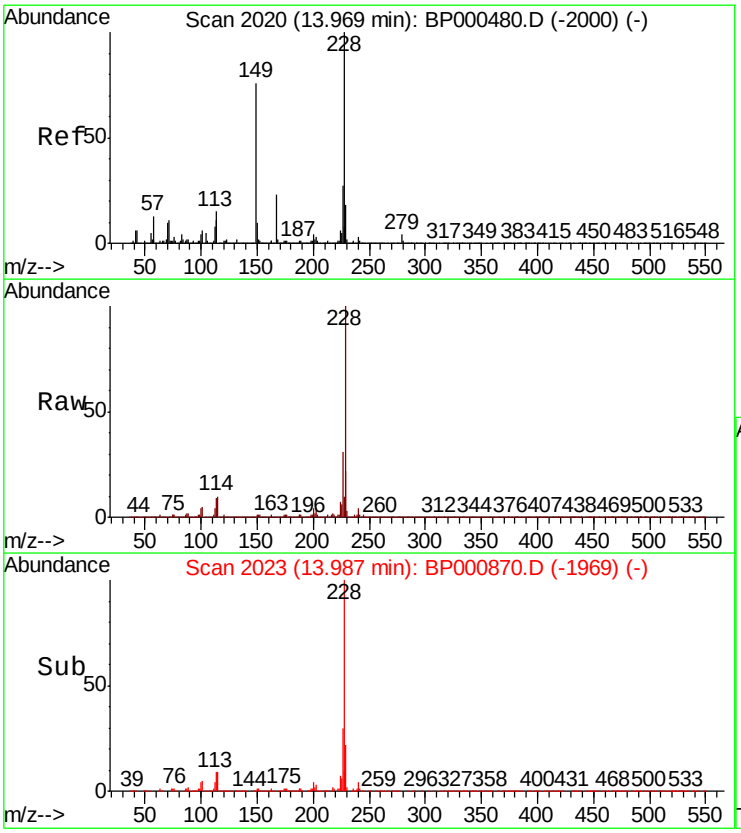
#79
Terphenyl-d14
Concen: 44.888 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tgt Ion:244 Resp: 916835

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	9.2	8.9	13.3

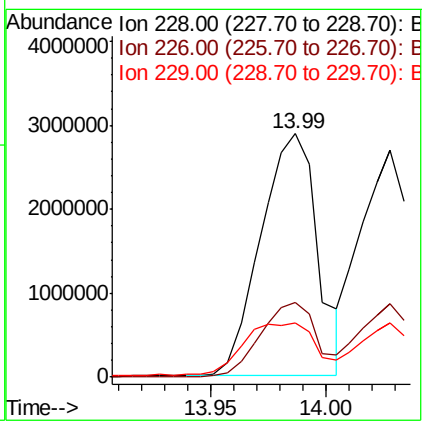


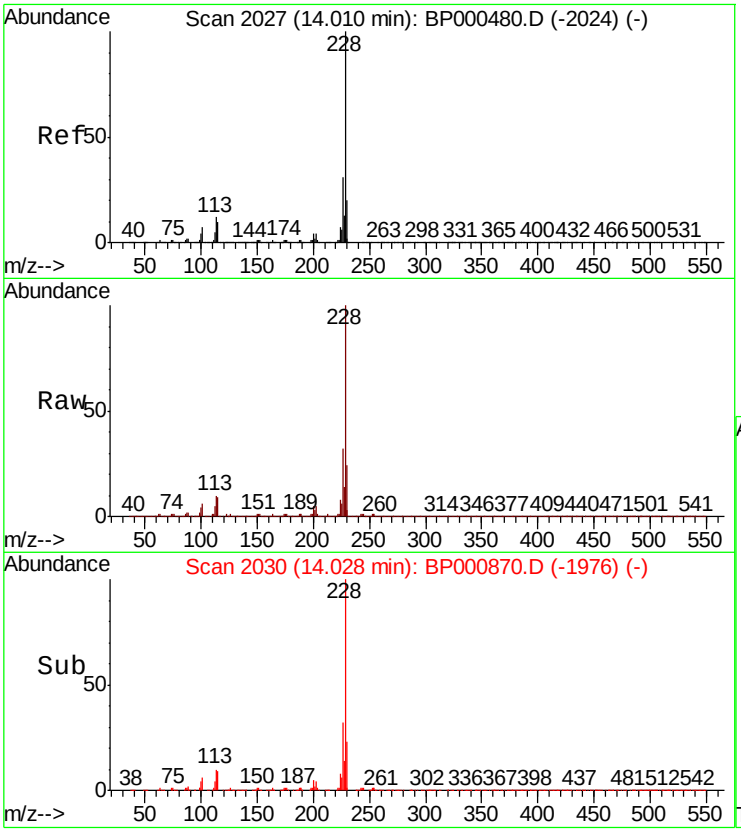


#81
Benzo(a)anthracene
Concen: 195.310 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.02 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Tgt Ion:228 Resp: 4928125

Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.4	32.2
229	22.1	14.7	22.1#



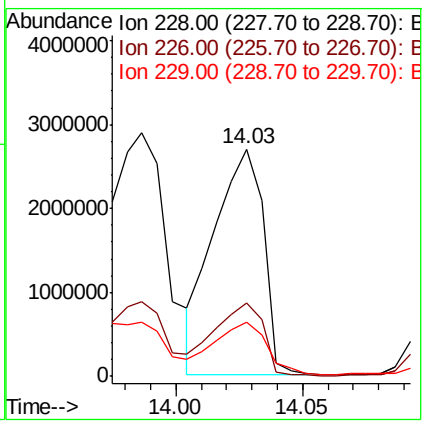


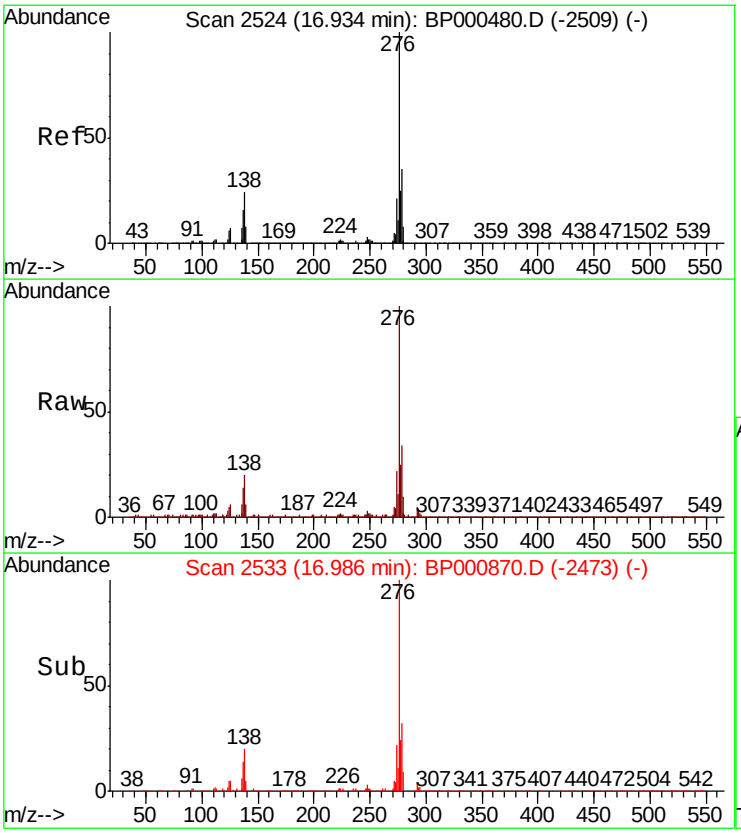
#83
Chrysene
Concen: 148.382 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.02 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tgt Ion:228 Resp: 3674742

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.7	37.1
229	23.9	16.3	24.5

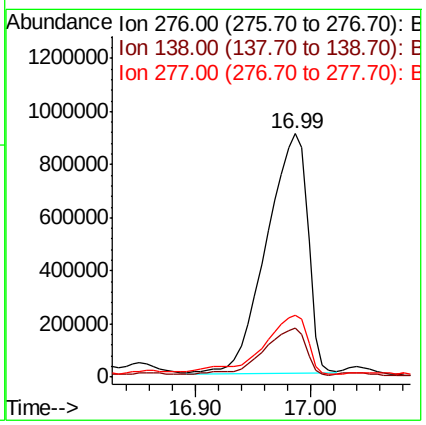


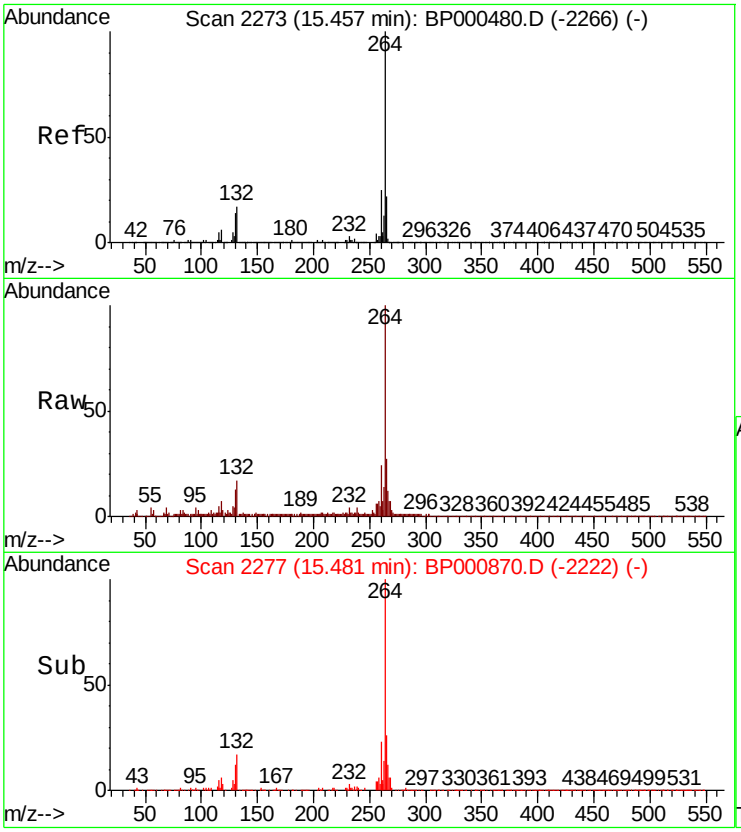


#86
Indeno(1,2,3-cd)pyrene
Concen: 72.658 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.05 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Tgt Ion:276 Resp: 2247708

Ion	Ratio	Lower	Upper
276	100		
138	20.3	20.9	31.3#
277	26.7	20.6	30.8



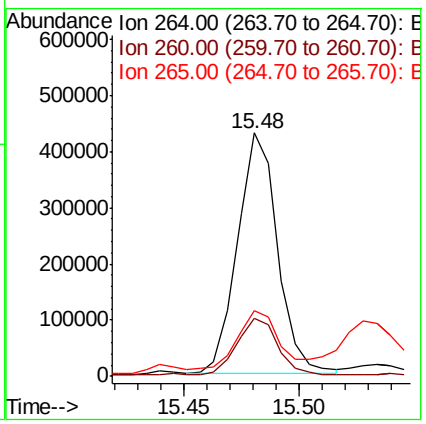


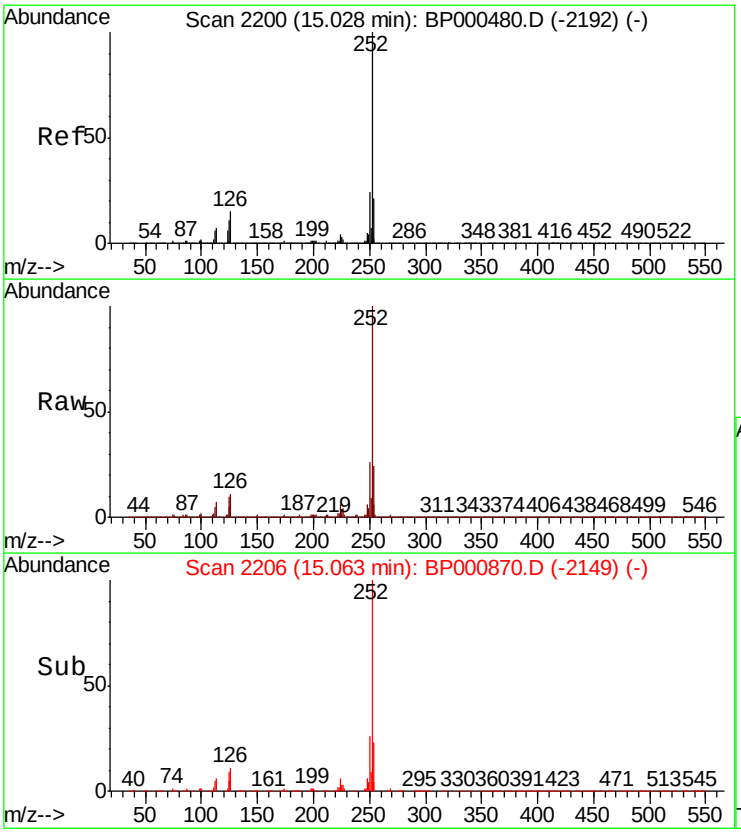
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.02 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tgt Ion:264 Resp: 518098

Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.3	30.5
265	27.2	18.0	27.0#

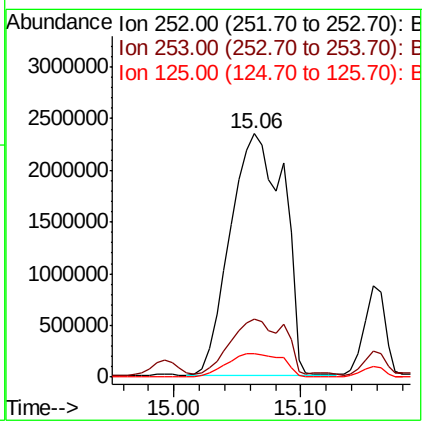


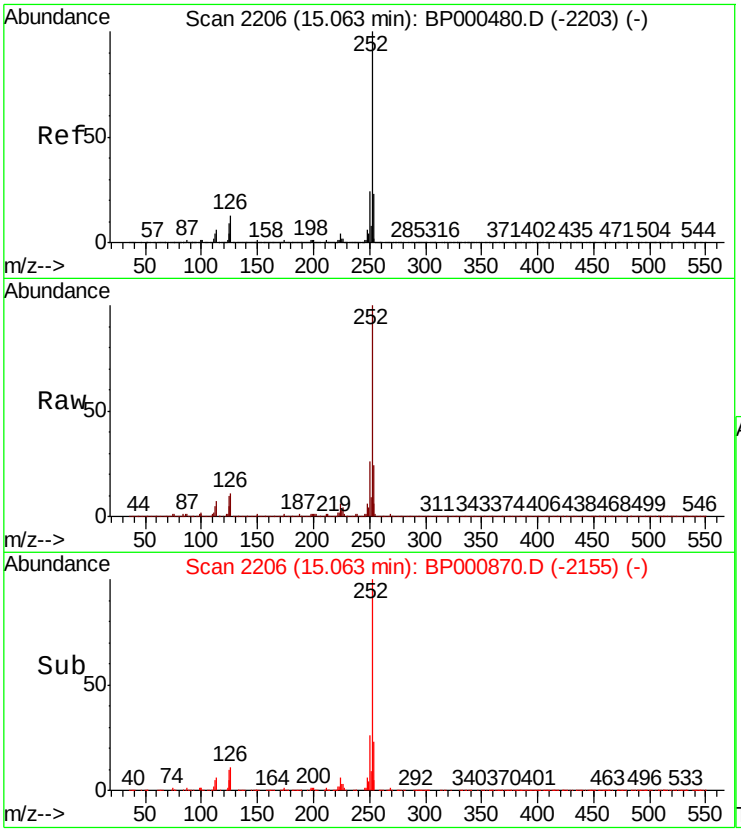


#88
Benzo(b)fluoranthene
Concen: 233.177 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.04 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Tgt Ion:252 Resp: 6853782

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.4
125	9.8	8.9	13.3



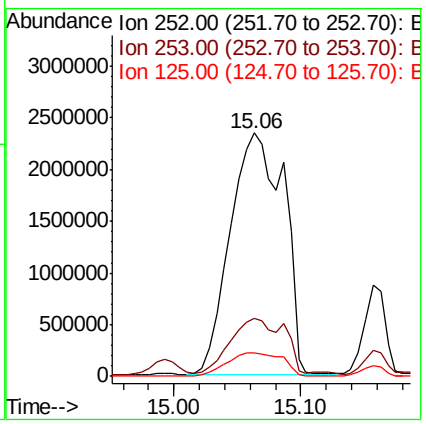


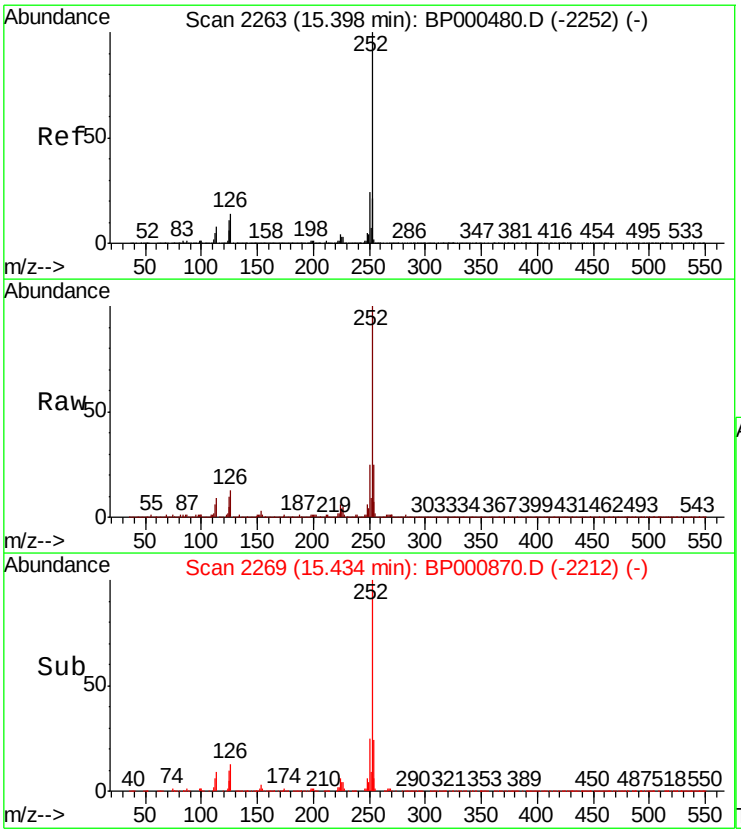
#89
Benzo(k)fluoranthene
Concen: 244.922 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tgt Ion:252 Resp: 6853782

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	9.8	7.8	11.8

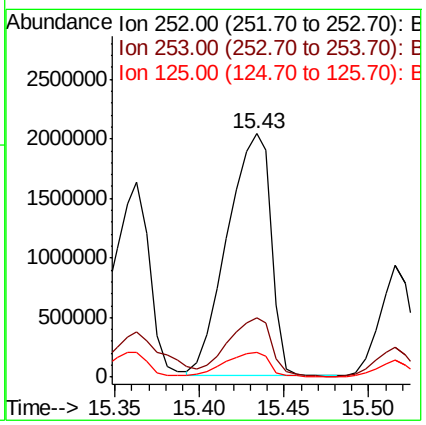


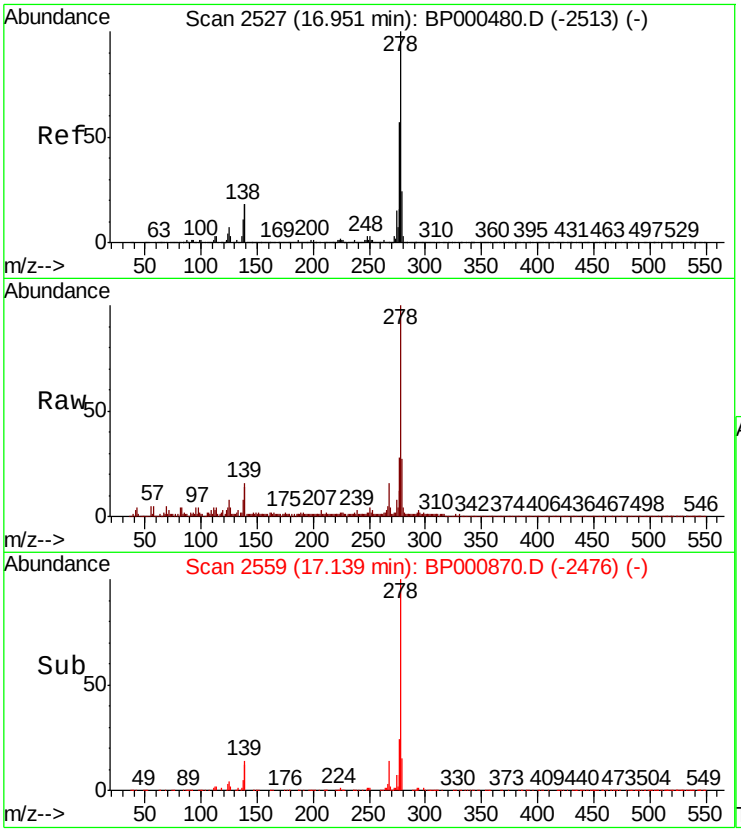


#90
Benzo(a)pyrene
Concen: 134.116 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.04 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Tgt Ion:252 Resp: 3674780

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.6
125	10.0	8.4	12.6



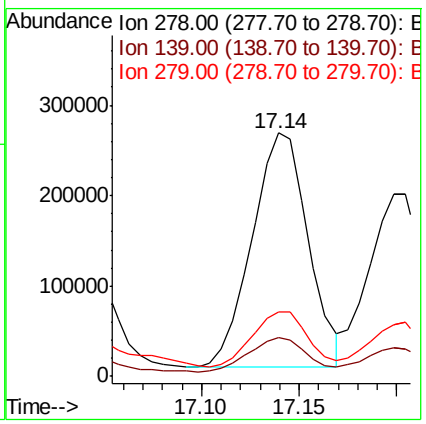


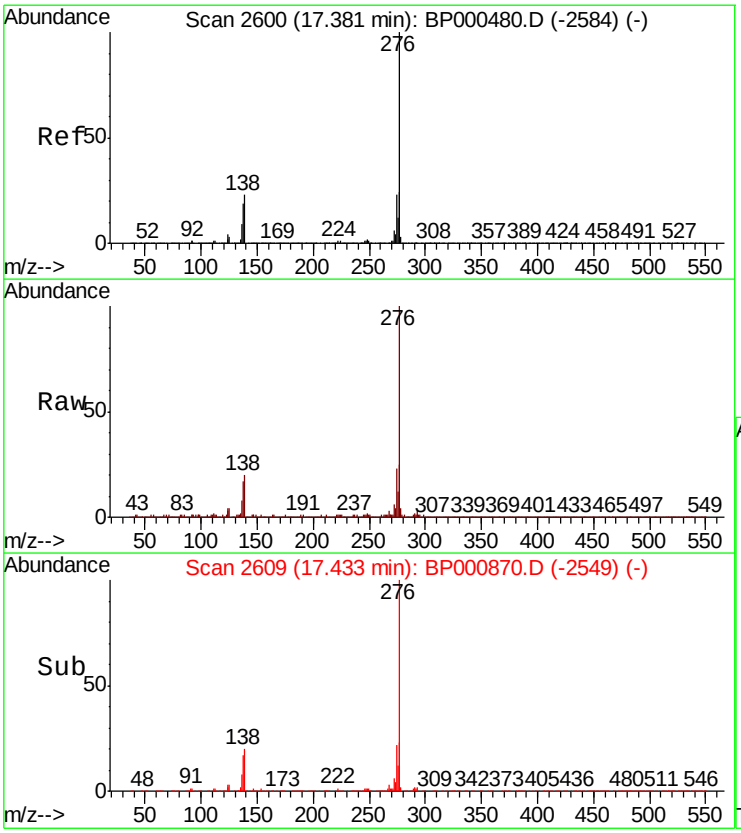
#91
Dibenzo(a,h)anthracene
Concen: 19.453 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.19 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tgt Ion:278 Resp: 516953

Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.1	21.1
279	26.6	19.5	29.3





#92
Benzo(g,h,i)perylene
Concen: 72.294 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.05 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:30

Tgt Ion:276 Resp: 1952169

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.4	29.2
138	20.4	18.5	27.7