Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010320\

Quantitation Report (Not Reviewed)

Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-0-2-COMP-B6

Quant Time: Jan 04 02:56:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 15:57:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	74655	20.00	ng		0.00
21) Naphthalene-d8	10.48	136	271075	20.00	ng		0.00
39) Acenaphthene-d10	14.34	164	159382	20.00	ng		0.00
64) Phenanthrene-d10	17.10	188	334916	20.00	ng		0.00
76) Chrysene-d12	21.20	240	296155	20.00	ng		0.00
87) Perylene-d12	23.46	264	332909	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	403471	90.80	ng		0.04
7) Phenol-d6	6.92	99	532387	88.95	ng		0.05
23) Nitrobenzene-d5	8.86	82	302616	55.14	ng		0.01
42) 2,4,6-Tribromophenol	15.84	330	145730	80.79	ng		0.00
45) 2-Fluorobiphenyl	12.96	172	596970	55.07	ng		0.00
79) Terphenyl-d14	19.69	244	779054	52.42	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.82	77	85	Below Cal		#	29
10) Phenol	6.95	94	17846	2.834	ng		90
31) Naphthalene	10.53	128	51196	3.591	ng		98
32) Benzoic acid	9.79	122	132	7.812	ng	#	49
50) Dimethylphthalate	13.83	163	36703	2.946	ng		100
52) Acenaphthene	14.40	154	37041	3.933	ng		93
54) 2,4-Dinitrophenol	14.43	184	10	6.458	ng	#	1
55) Dibenzofuran	14.75	168	40041	2.776	ng		98
56) 4-Nitrophenol	14.75	139	14389	6.963	ng	#	1
58) Fluorene	15.40	166	45314	4.124	ng		98
65) 4,6-Dinitro-2-methylphenol	15.50	198	22	5.885	ng	#	1
71) Phenanthrene	17.14	178	614493	33.828	ng		99
72) Anthracene	17.23	178	130061	7.224	ng		99
73) Carbazole	17.51	167	55583	3.337	ng		98
75) Fluoranthene	19.12	202	819327	37.259	ng		98
78) Pyrene	19.47	202	766435	35.664	ng		99
81) Benzo(a)anthracene	21.19	228	347461	16.721	ng		95
83) Chrysene	21.23	228	336491	16.888	ng		97
86) Indeno(1,2,3-cd)pyrene	25.74	276	206431	8.513	ng		98
88) Benzo(b)fluoranthene	22.79	252	395992	19.211	ng	#	95
89) Benzo(k)fluoranthene	22.79	252	395992	20.055	ng	#	94
90) Benzo(a)pyrene	23.36	252	323917	16.787	ng		94
91) Dibenzo(a,h)anthracene	25.76	278	53281	2.778	ng	#	82
92) Benzo(g,h,i)perylene	26.44	276	208225	10.887	ng	#	95

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

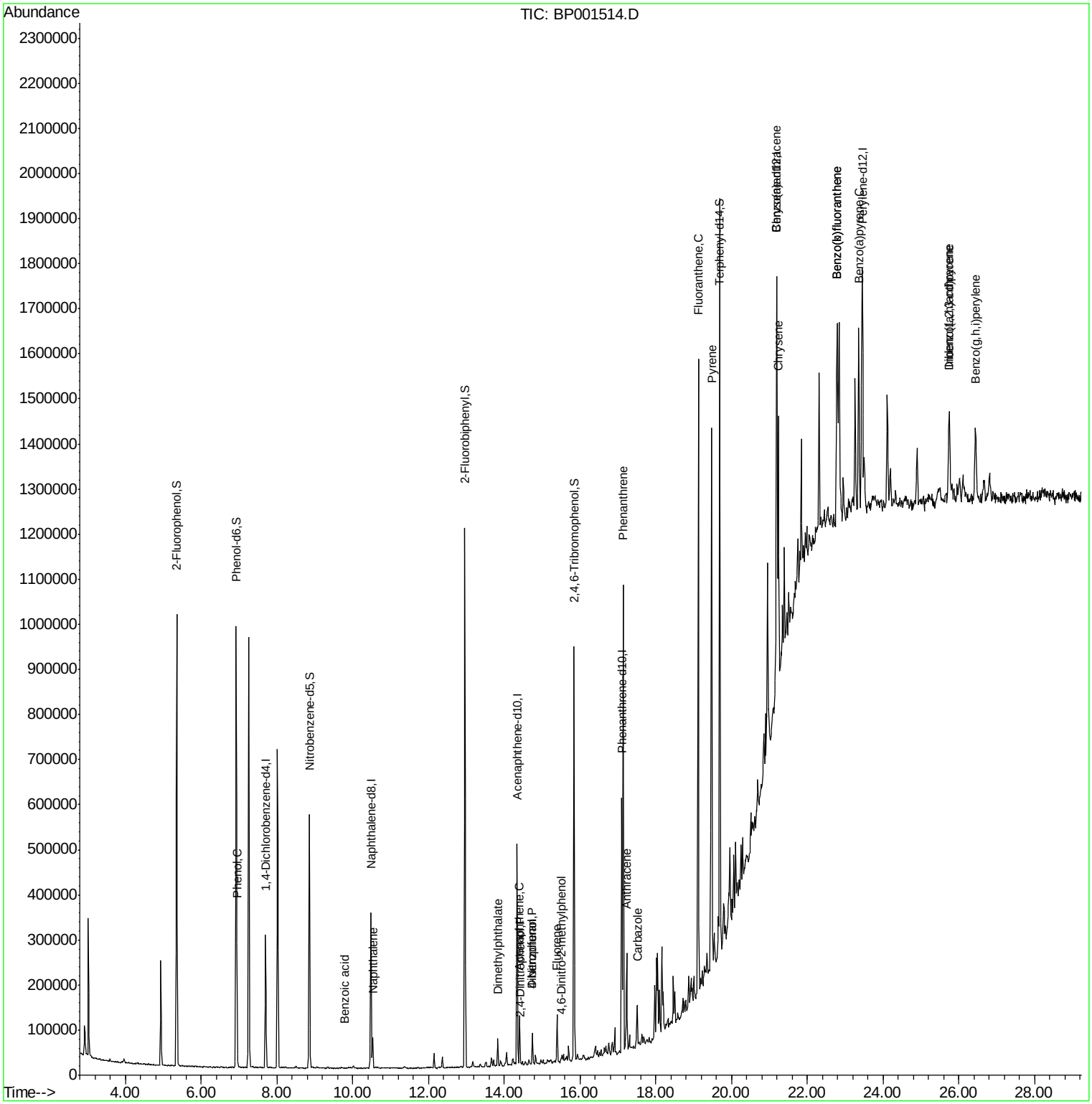
Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010320\

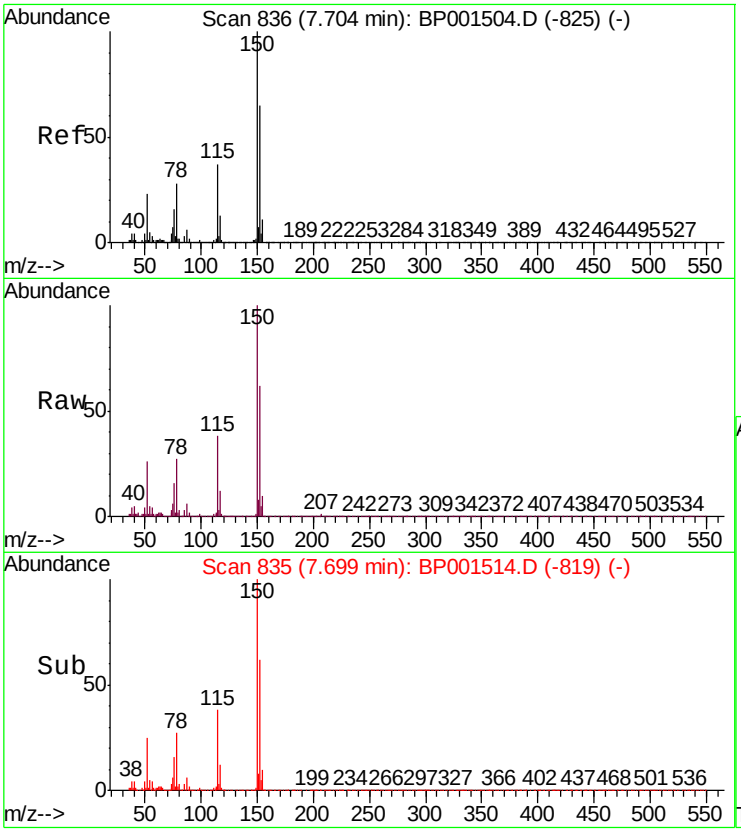
Quantitation Report (Not Reviewed)

Data File : BP001514.D
Acq On : 03 Jan 2020 18:58
Operator : JU
Sample : K6482-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6

Quant Time: Jan 04 02:56:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 15:57:46 2020
Response via : Initial Calibration



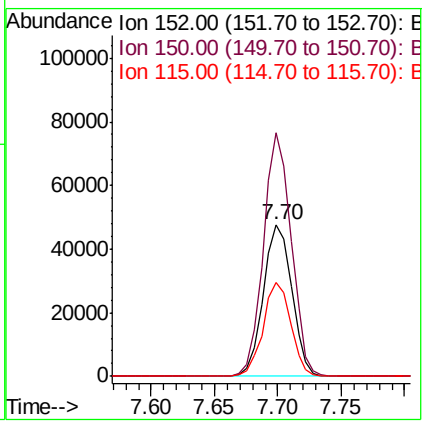


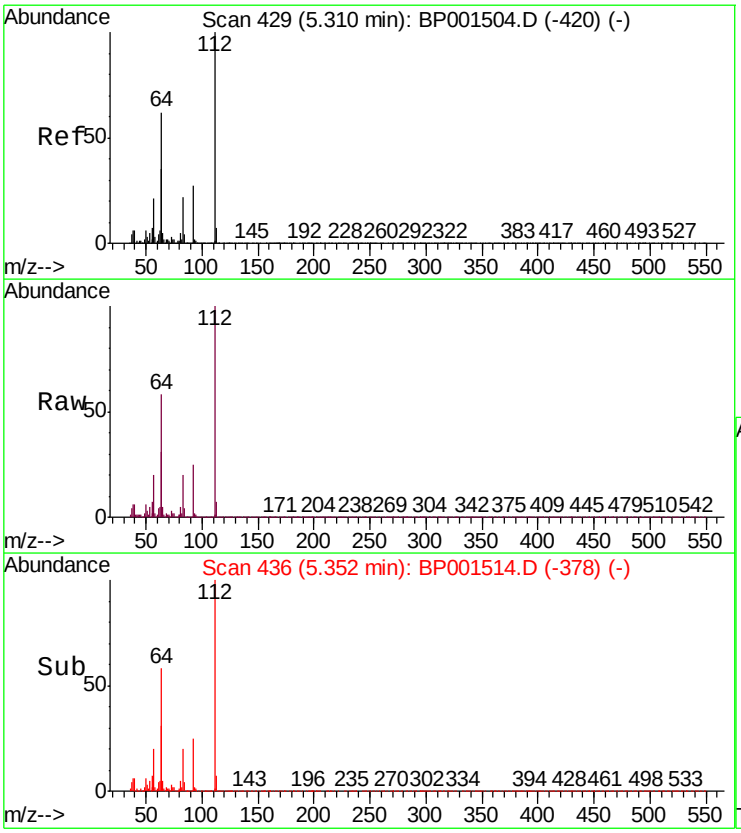
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 835
Delta R.T. -0.01 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6

Tgt Ion:152 Resp: 74655

Ion	Ratio	Lower	Upper
152	100		
150	160.7	123.6	185.4
115	61.6	45.8	68.6

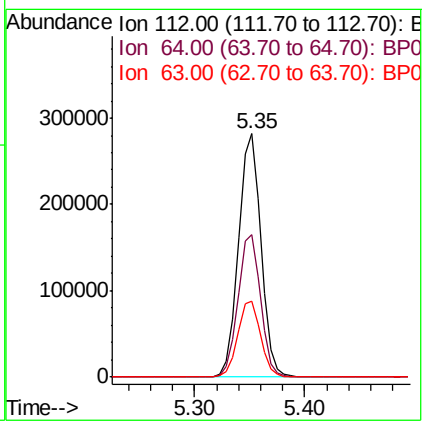


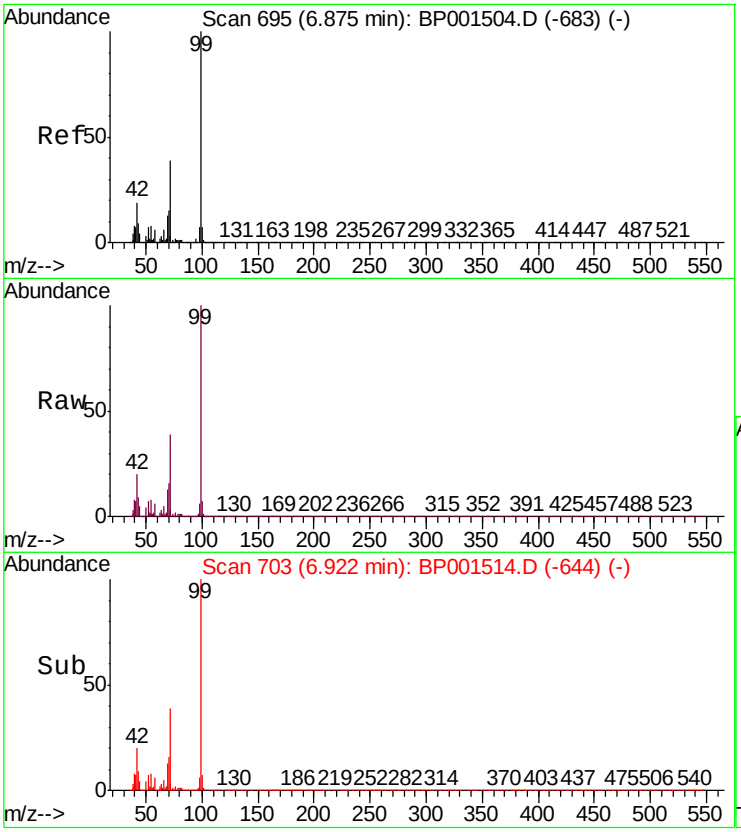


#5
2-Fluorophenol
Concen: 90.796 ng
RT: 5.35 min Scan# 436
Delta R.T. 0.04 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Tgt Ion:112 Resp: 403471

Ion	Ratio	Lower	Upper
112	100		
64	58.5	49.7	74.5
63	31.0	28.1	42.1



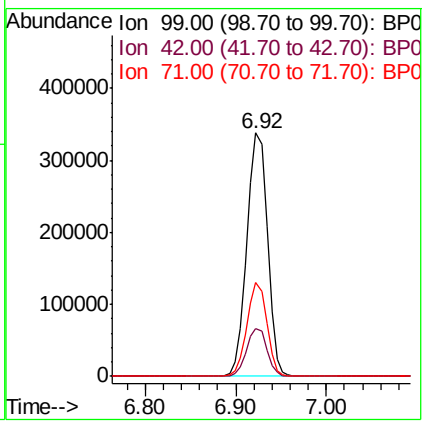


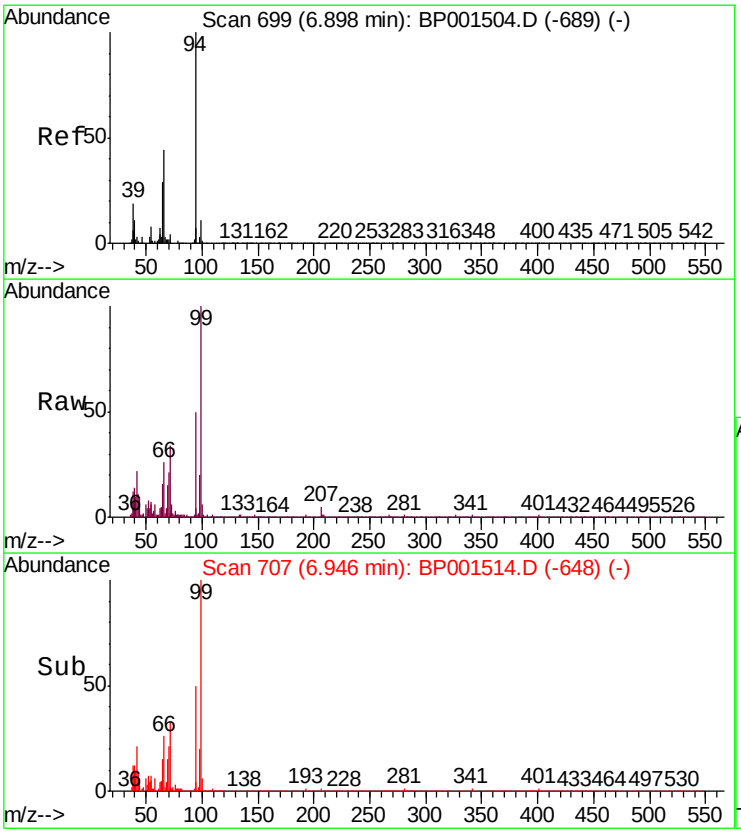
#7
Phenol-d6
Concen: 88.949 ng
RT: 6.92 min Scan# 703
Delta R.T. 0.05 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6

Tgt Ion: 99 Resp: 532387

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.3	22.9
71	38.8	30.9	46.3

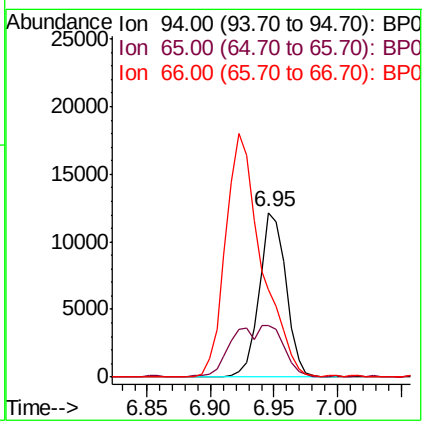


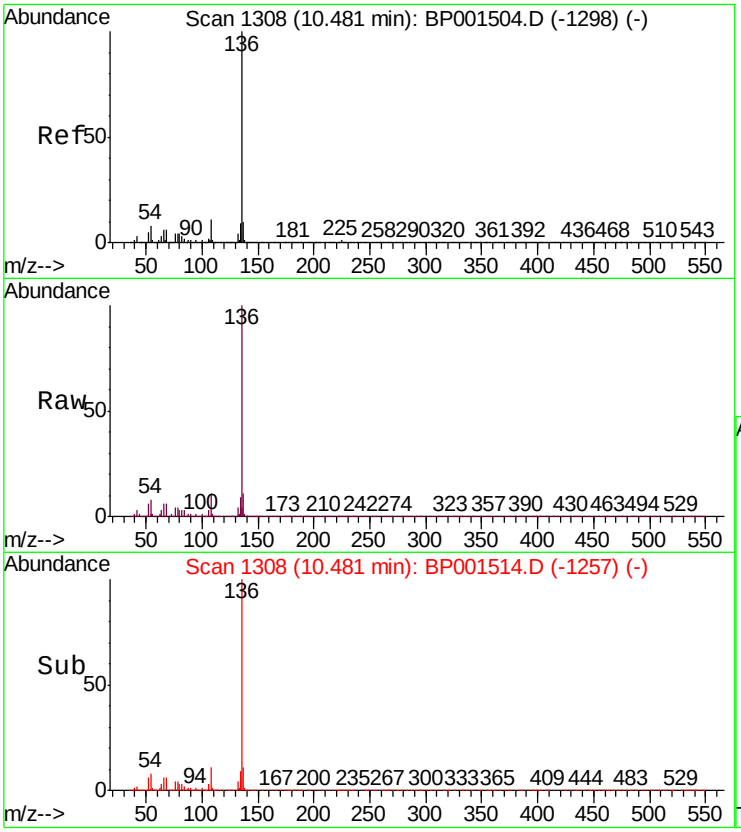


#10
Phenol
Concen: 2.834 ng
RT: 6.95 min Scan# 707
Delta R.T. 0.05 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Tgt Ion: 94 Resp: 17846

Ion	Ratio	Lower	Upper
94	100		
65	31.3	9.2	49.2
66	53.0	23.8	63.8



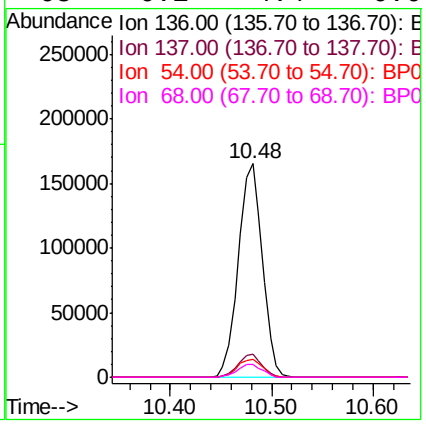


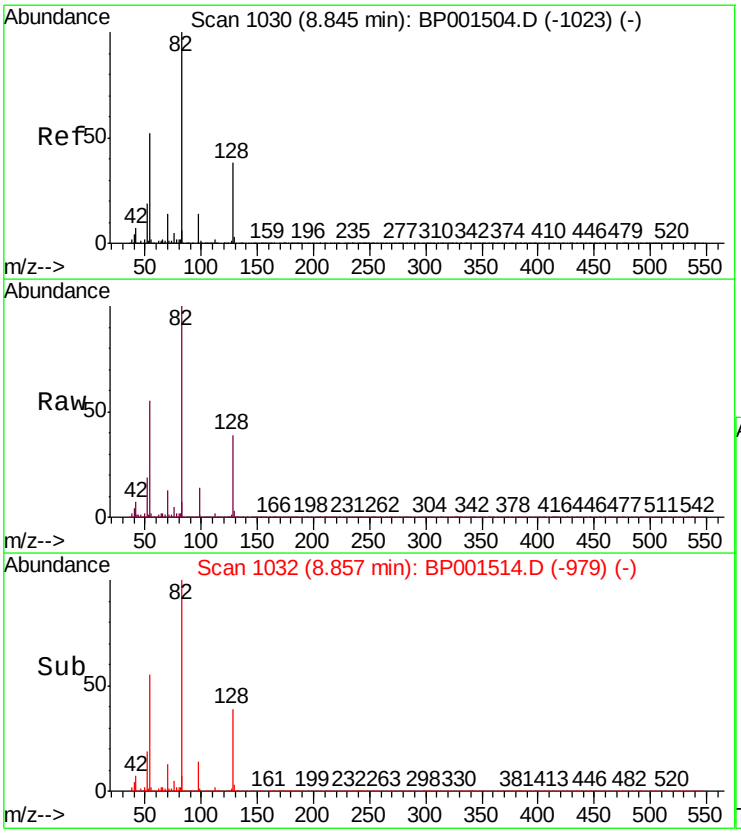
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6

Tgt Ion:136 Resp: 271075

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.3	12.5
54	8.5	6.7	10.1
68	6.1	4.4	6.6

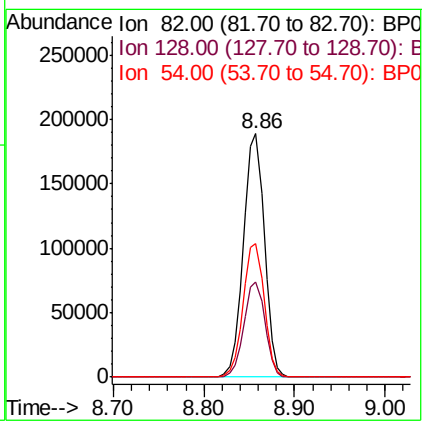


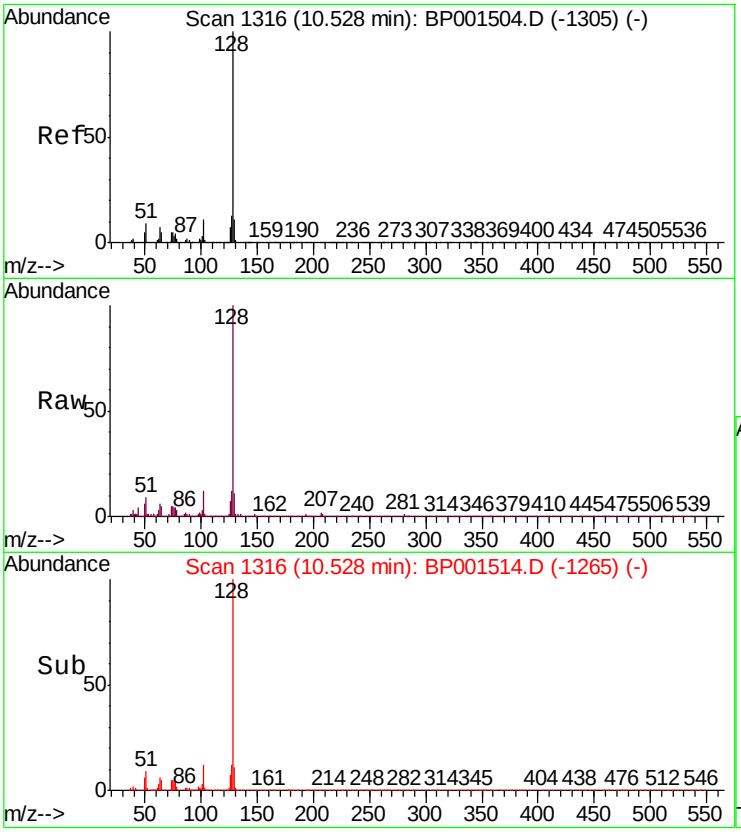


#23
Nitrobenzene-d5
Concen: 55.139 ng
RT: 8.86 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Tgt Ion: 82 Resp: 302616

Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.1	45.1
54	55.0	41.8	62.6



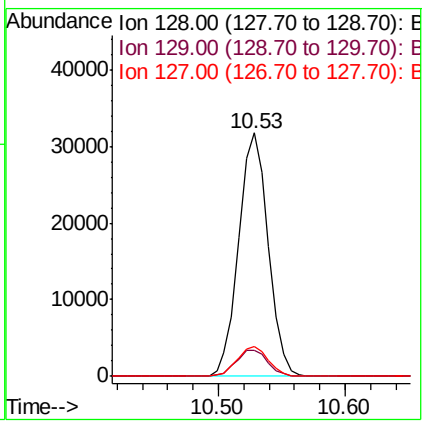


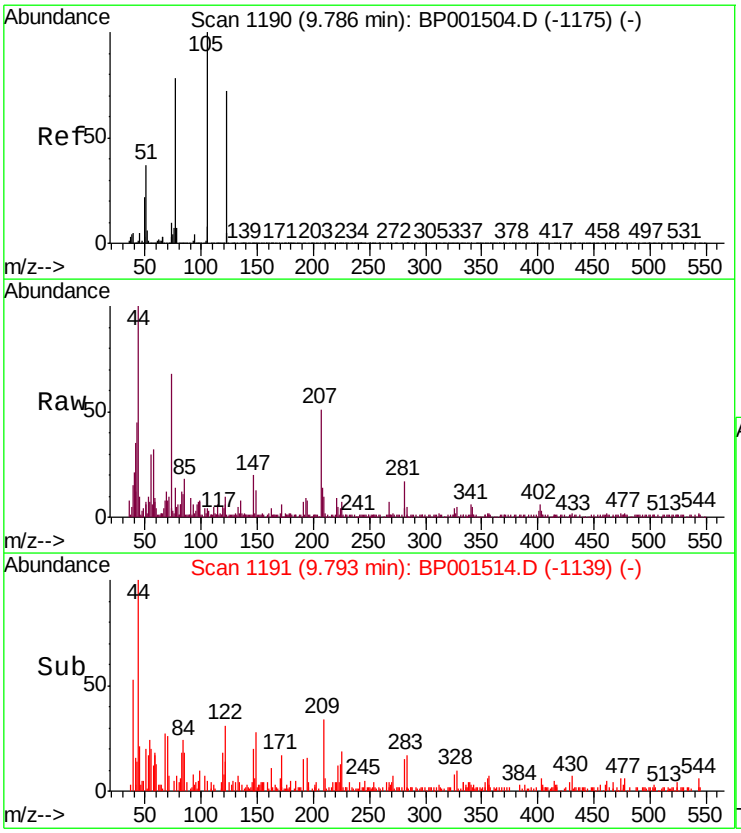
#31
Naphthalene
Concen: 3.591 ng
RT: 10.53 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6

Tgt Ion:128 Resp: 51196

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	12.0	10.5	15.7

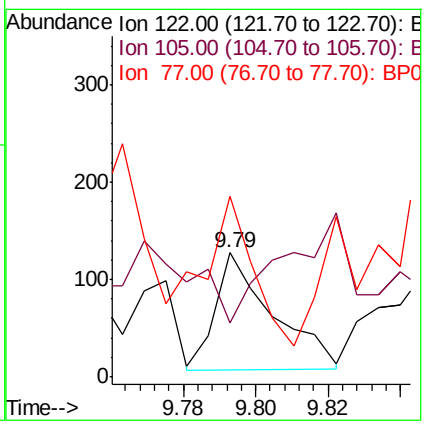


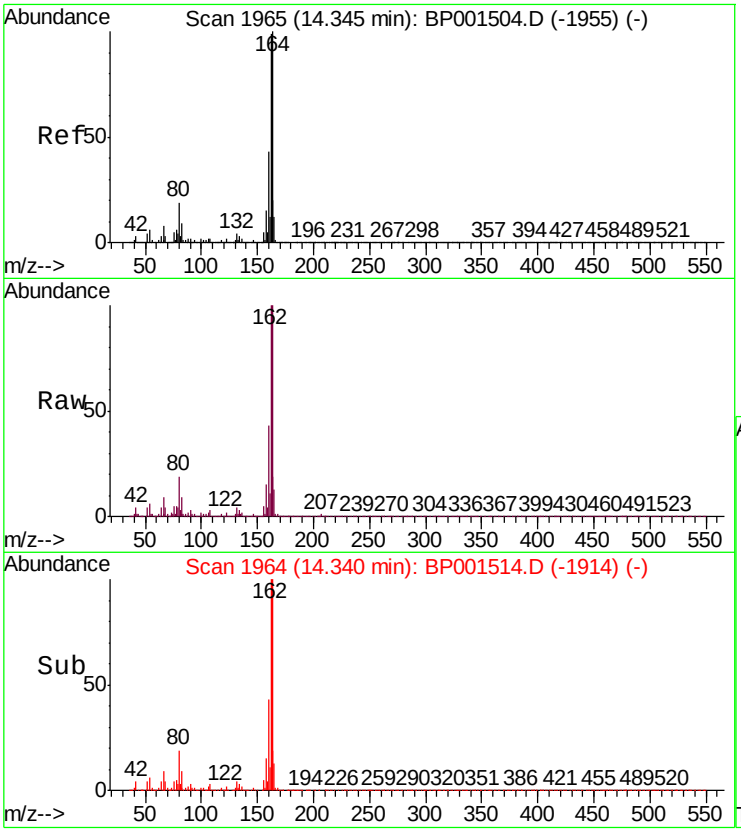


#32
Benzoic acid
Concen: 7.812 ng
RT: 9.79 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Tgt Ion:122 Resp: 132

Ion	Ratio	Lower	Upper
122	100		
105	59.8	111.1	151.1#
77	146.5	85.9	125.9#



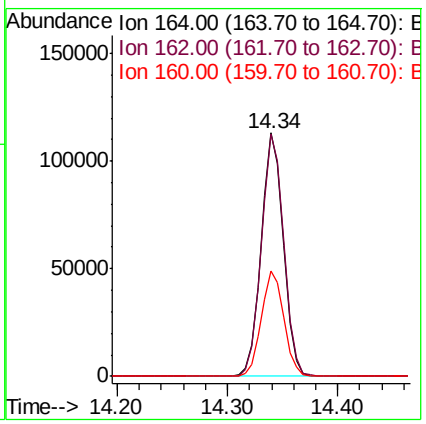


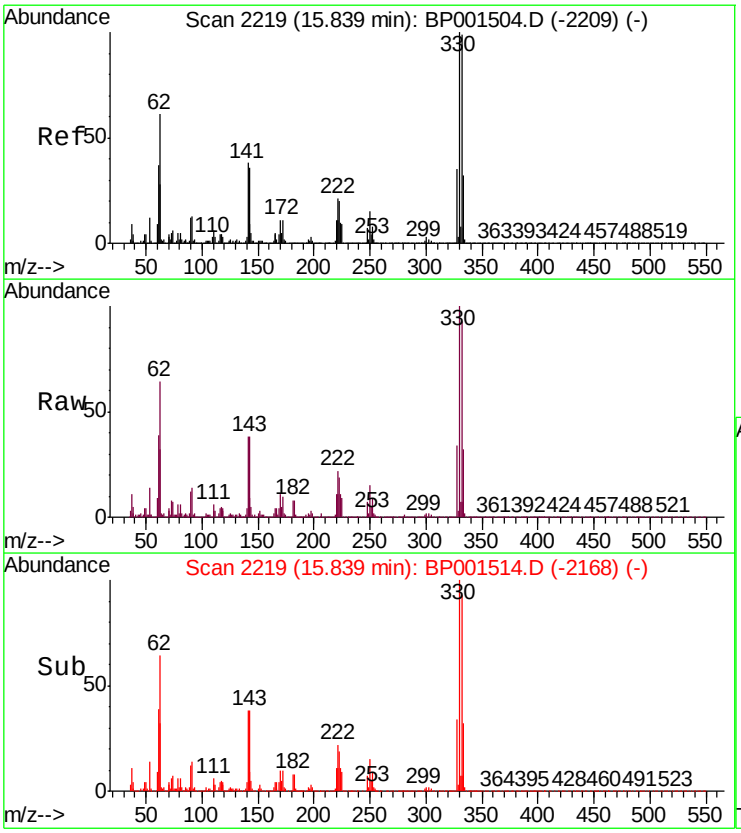
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6

Tgt Ion:164 Resp: 159382

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.2	118.8
160	43.3	34.6	52.0

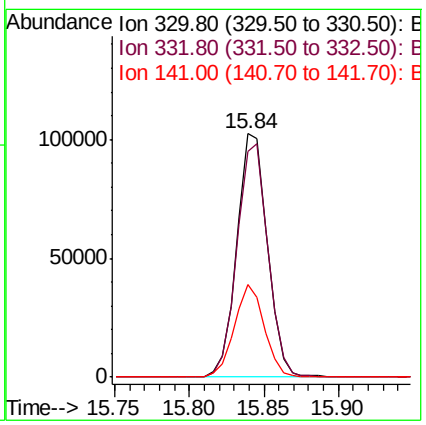


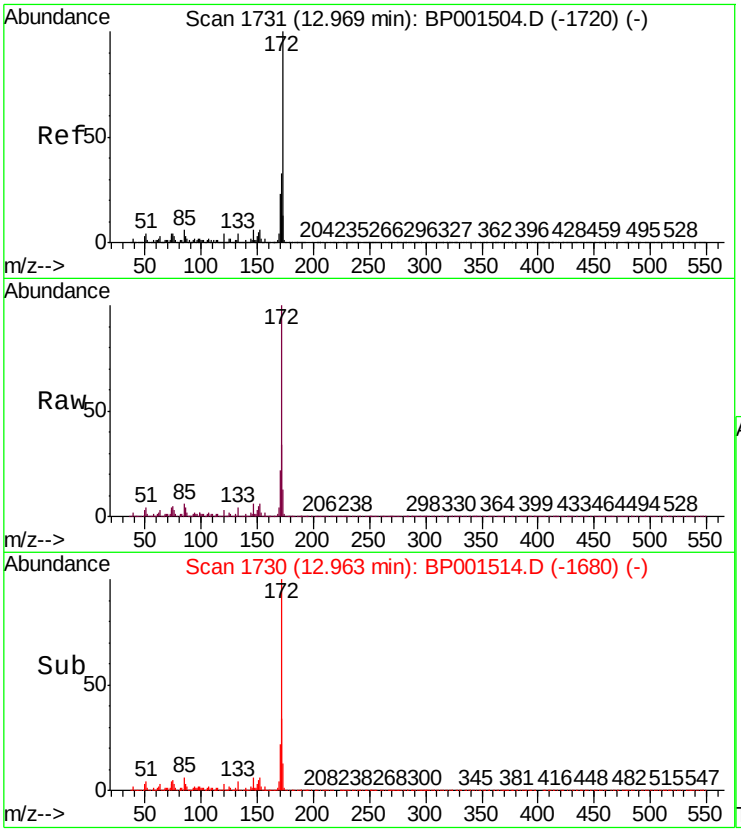


#42
2,4,6-Tribromophenol
Concen: 80.789 ng
RT: 15.84 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Tgt Ion:330 Resp: 145730

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.2	117.2
141	37.5	30.3	45.5



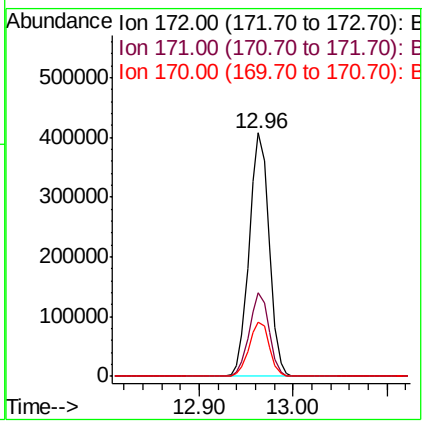


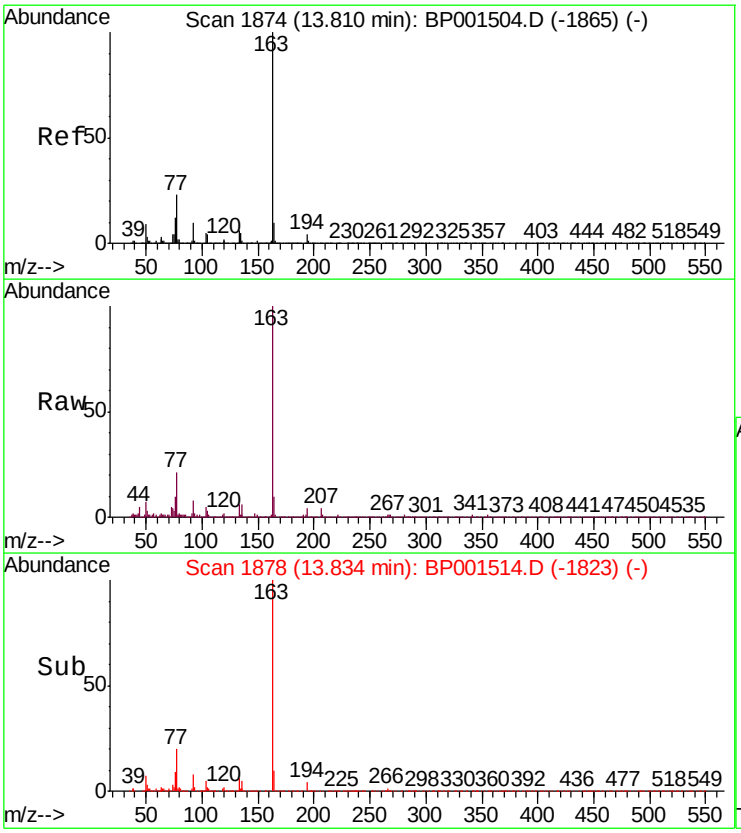
#45
2-Fluorobiphenyl
Concen: 55.074 ng
RT: 12.96 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6

Tgt Ion:172 Resp: 596970

Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.7	40.1
170	22.3	18.7	28.1

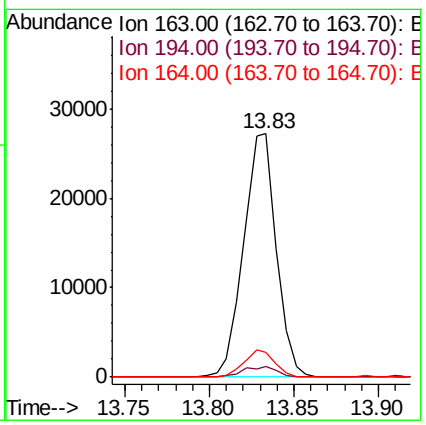


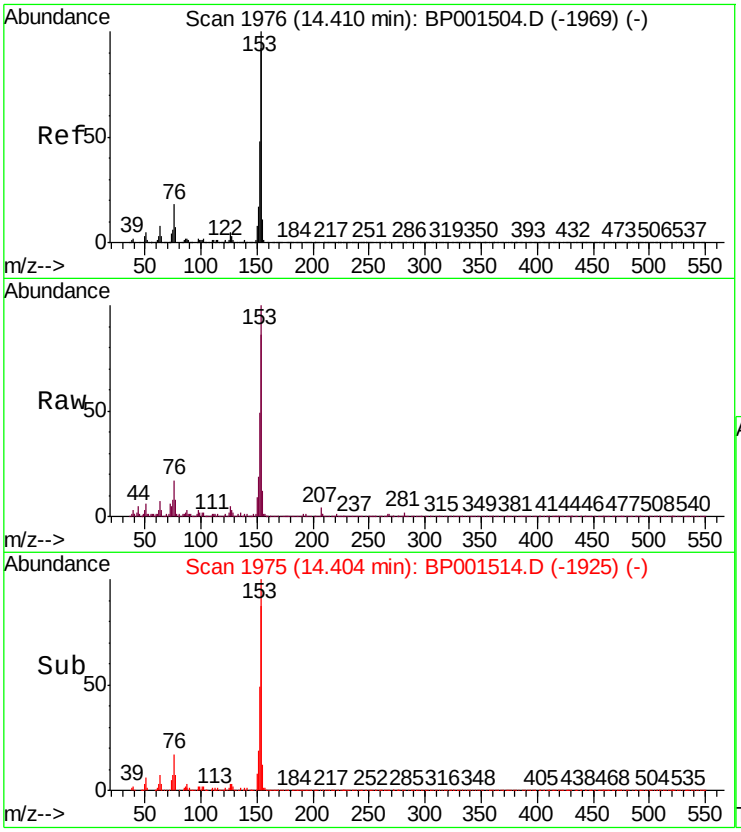


#50
Dimethylphthalate
Concen: 2.946 ng
RT: 13.83 min Scan# 1878
Delta R.T. 0.02 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Tgt Ion:163 Resp: 36703

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.9	8.1	12.1



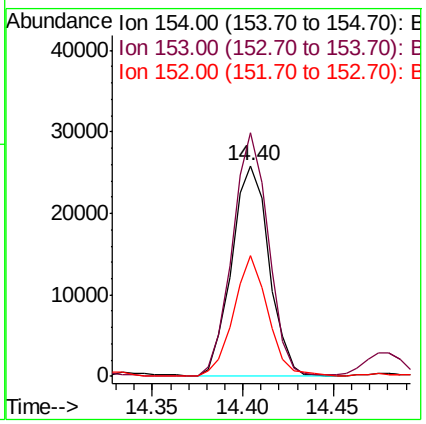


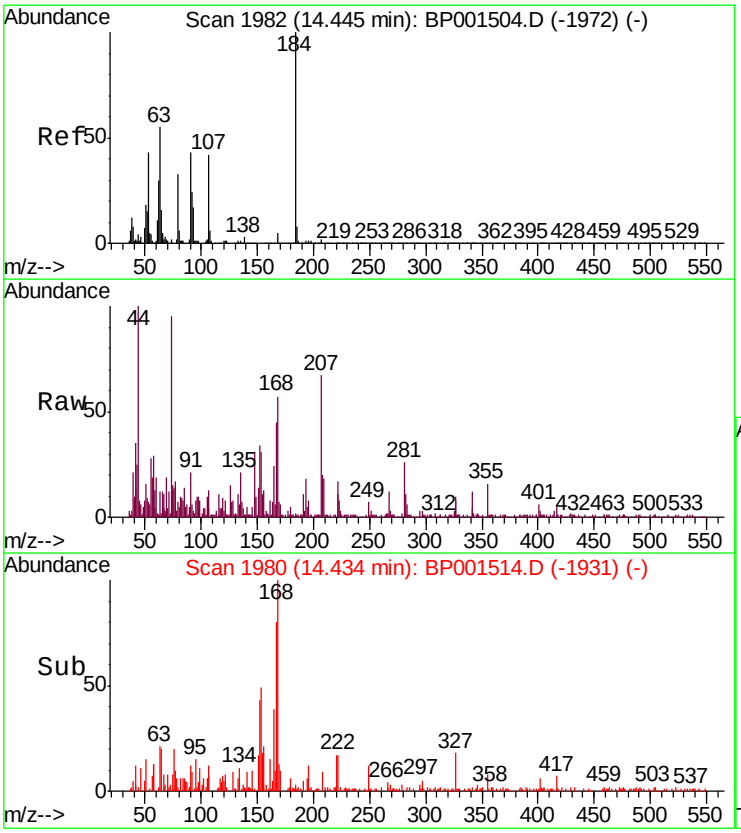
#52
Acenaphthene
Concen: 3.933 ng
RT: 14.40 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6

Tgt Ion:154 Resp: 37041

Ion	Ratio	Lower	Upper
154	100		
153	115.7	87.3	130.9
152	57.1	41.5	62.3

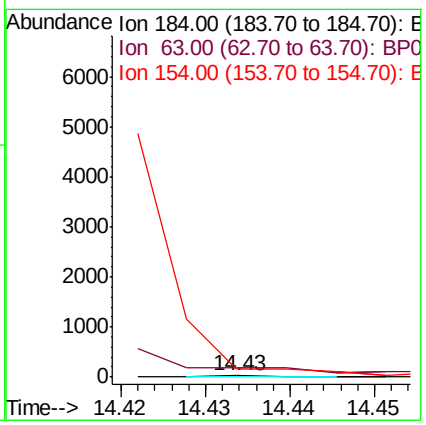


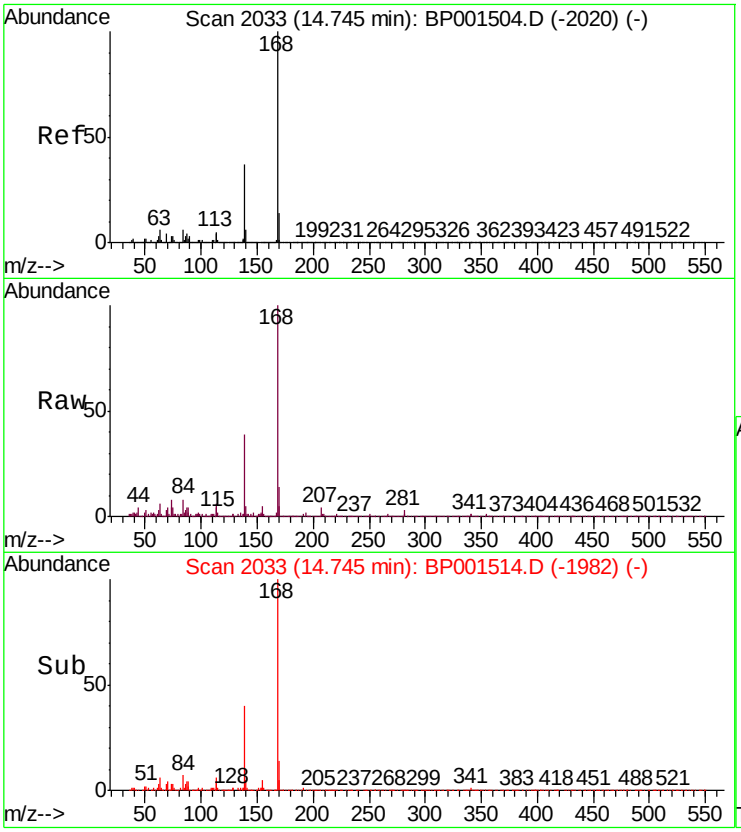


#54
2,4-Dinitrophenol
Concen: 6.458 ng
RT: 14.43 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Tgt Ion:184 Resp: 10

Ion	Ratio	Lower	Upper
184	100		
63	765.2	50.0	75.0#
154	704.3	49.2	73.8#



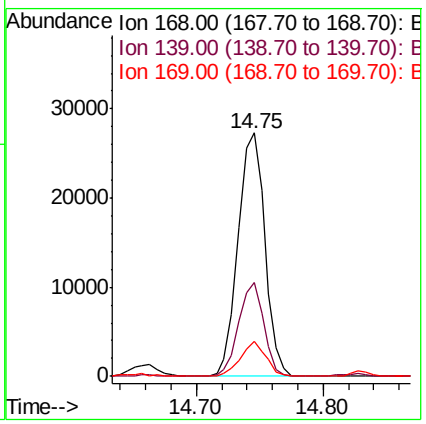


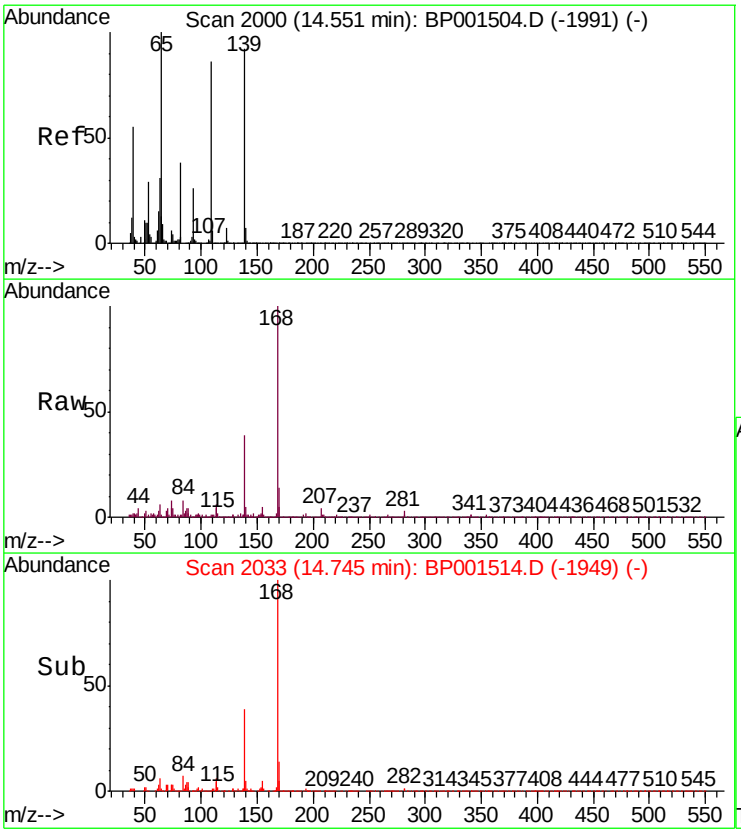
#55
Dibenzofuran
Concen: 2.776 ng
RT: 14.75 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6

Tgt Ion:168 Resp: 40041

Ion	Ratio	Lower	Upper
168	100		
139	38.7	29.8	44.6
169	14.3	10.9	16.3

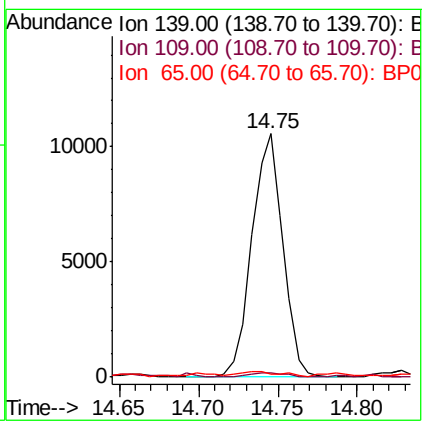


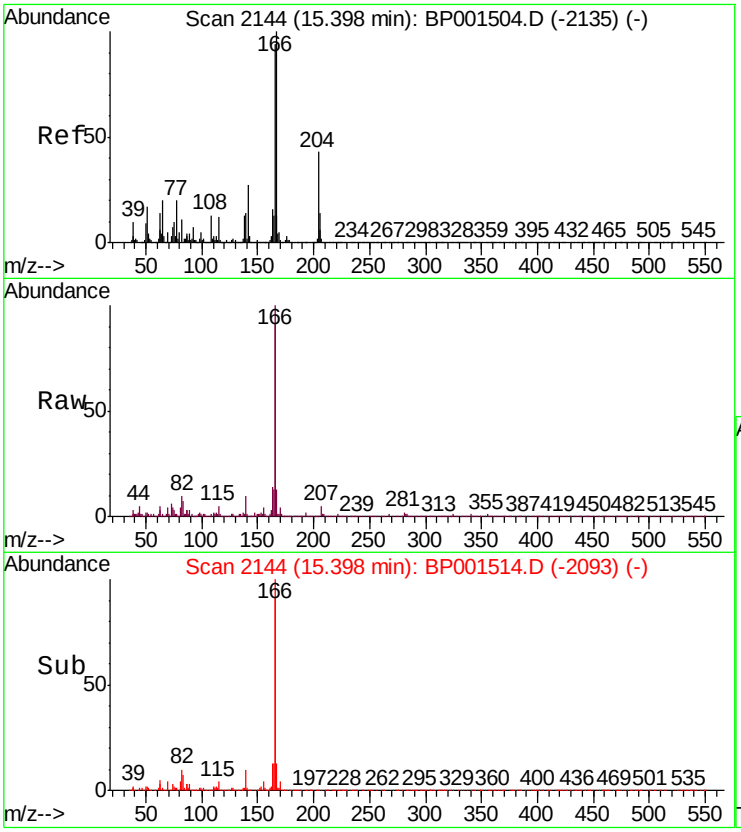


#56
4-Nitrophenol
Concen: 6.963 ng
RT: 14.75 min Scan# 2033
Delta R.T. 0.19 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Tgt Ion:139 Resp: 14389

Ion	Ratio	Lower	Upper
139	100		
109	1.6	72.8	112.8#
65	1.2	88.5	128.5#



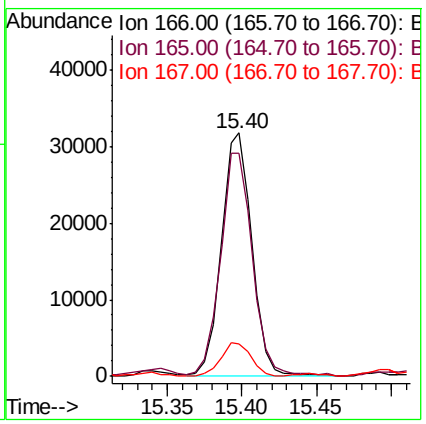


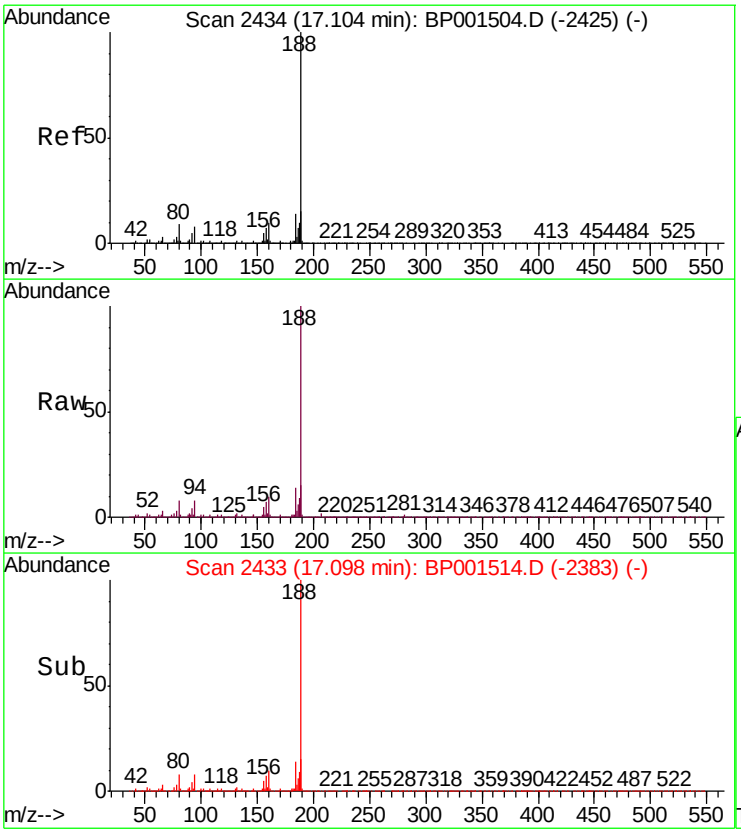
#58
Fluorene
Concen: 4.124 ng
RT: 15.40 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6

Tgt Ion:166 Resp: 45314

Ion	Ratio	Lower	Upper
166	100		
165	91.4	75.3	112.9
167	13.4	10.7	16.1

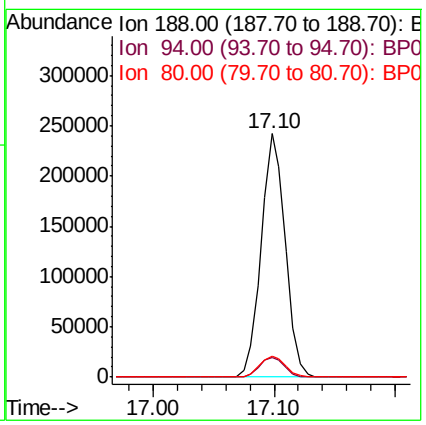


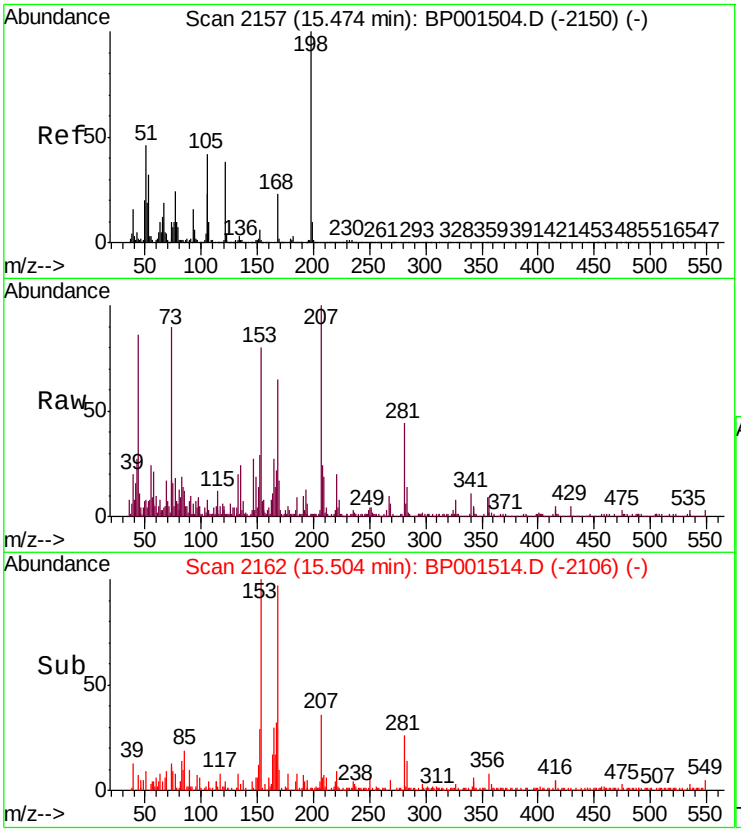


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Tgt Ion:188 Resp: 334916

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.5	9.7
80	8.4	7.3	10.9



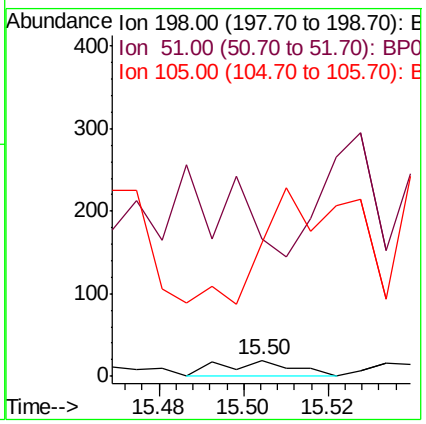


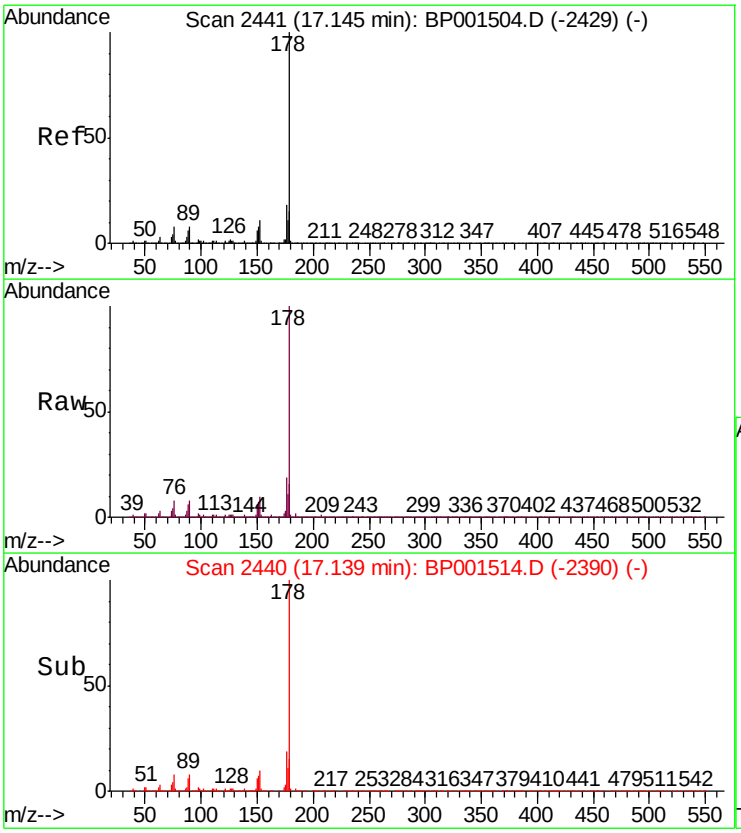
#65
4,6-Dinitro-2-methylphenol
Concen: 5.885 ng
RT: 15.50 min Scan# 2162
Delta R.T. 0.03 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6

Tgt Ion:198 Resp: 22

Ion	Ratio	Lower	Upper
198	100		
51	878.9	26.9	66.9#
105	852.6	22.5	62.5#

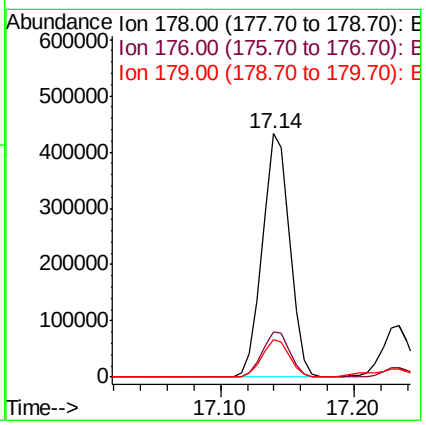


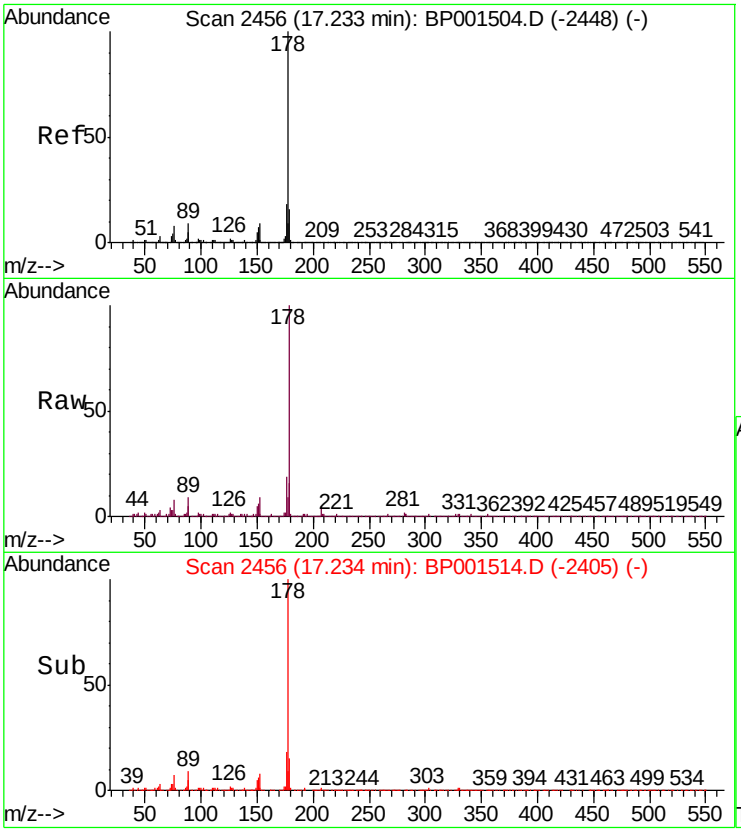


#71
Phenanthrene
Concen: 33.828 ng
RT: 17.14 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Tgt Ion:178 Resp: 614493

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.5	12.3	18.5



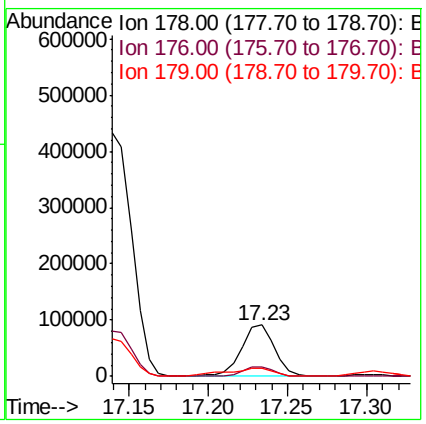


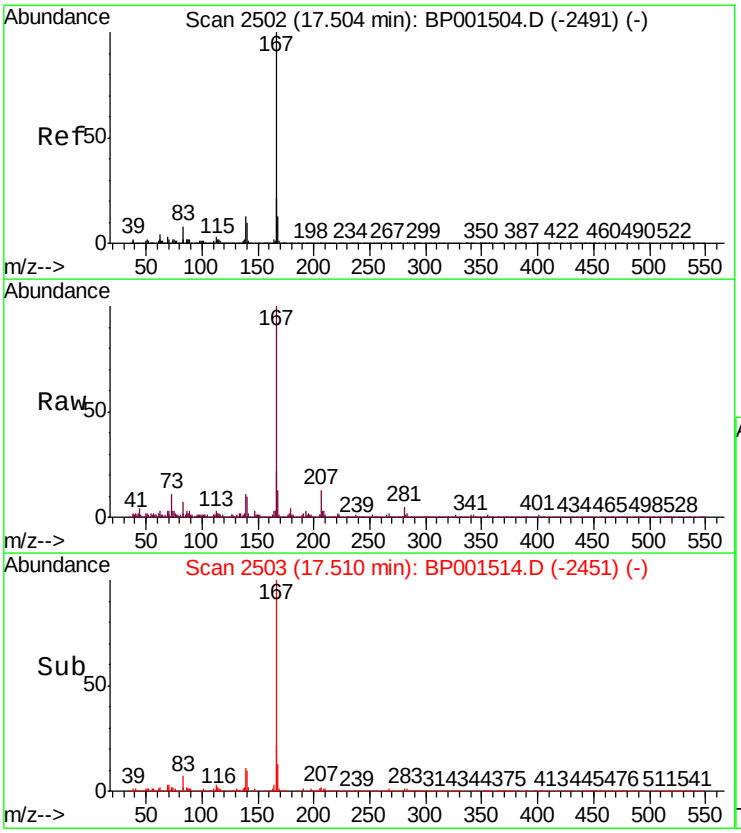
#72
Anthracene
Concen: 7.224 ng
RT: 17.23 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6

Tgt Ion:178 Resp: 130061

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.4	21.6
179	15.7	12.5	18.7

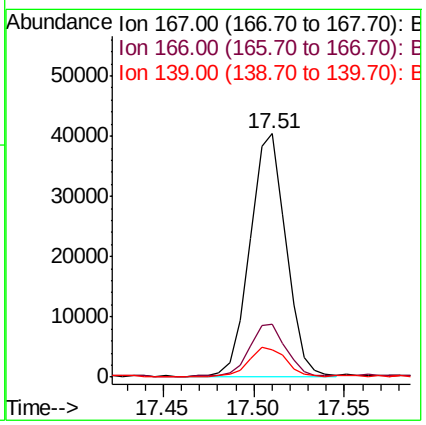


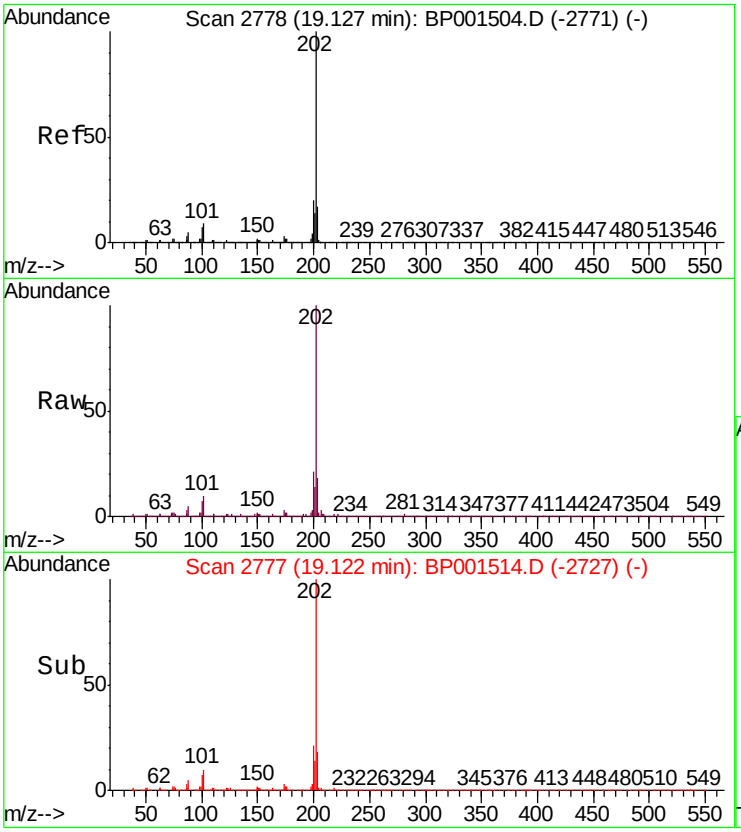


#73
Carbazole
Concen: 3.337 ng
RT: 17.51 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Tgt Ion:167 Resp: 55583

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.6
139	11.4	10.2	15.4



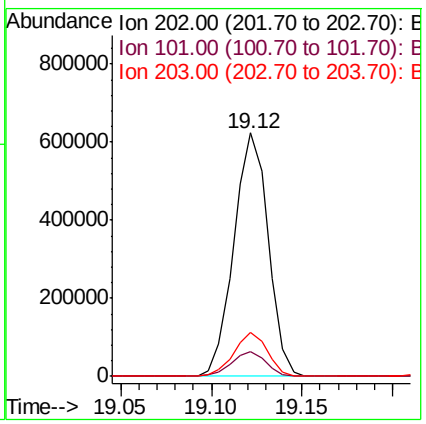


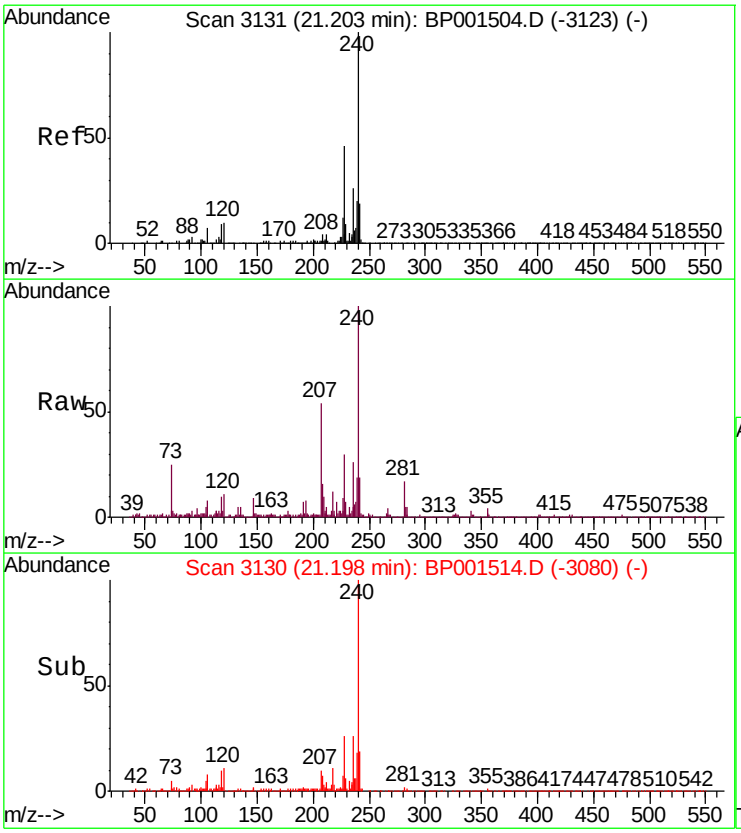
#75
Fluoranthene
Concen: 37.259 ng
RT: 19.12 min Scan# 2777
Delta R.T. -0.01 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6

Tgt Ion:202 Resp: 819327

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.3
203	17.9	0.0	36.7

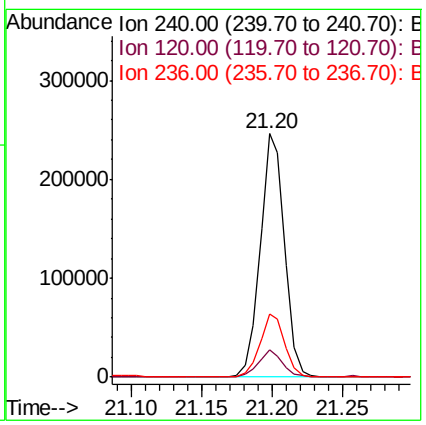


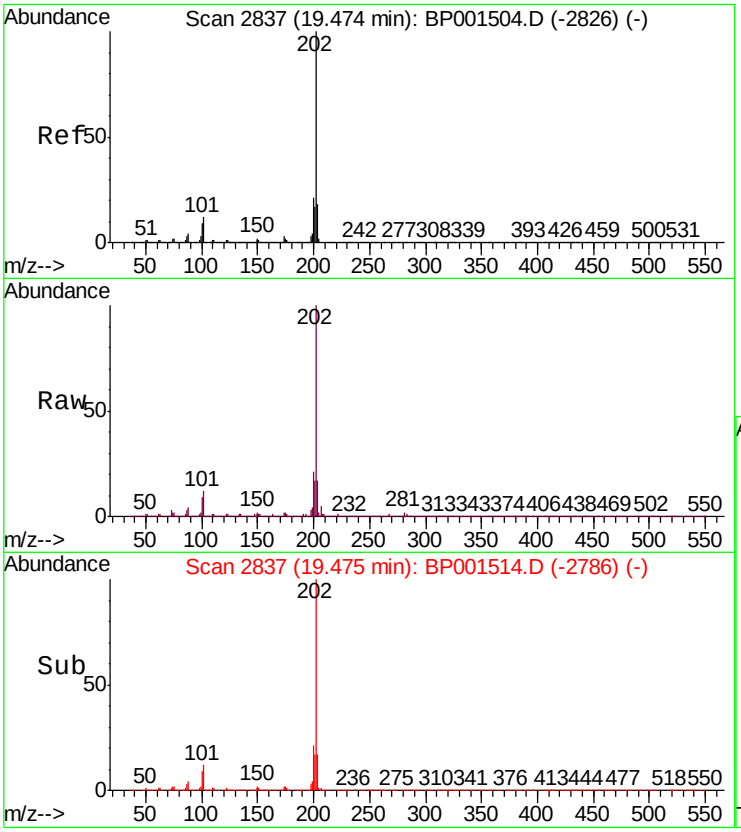


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Tgt Ion:240 Resp: 296155

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.1	12.1
236	26.2	20.9	31.3



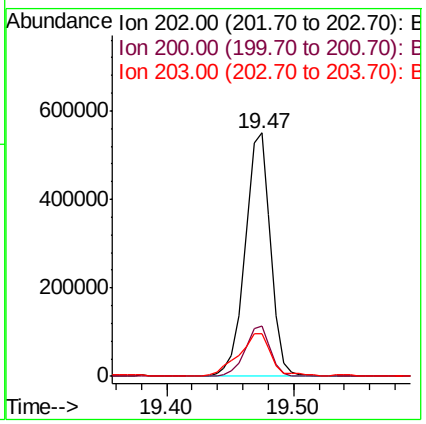


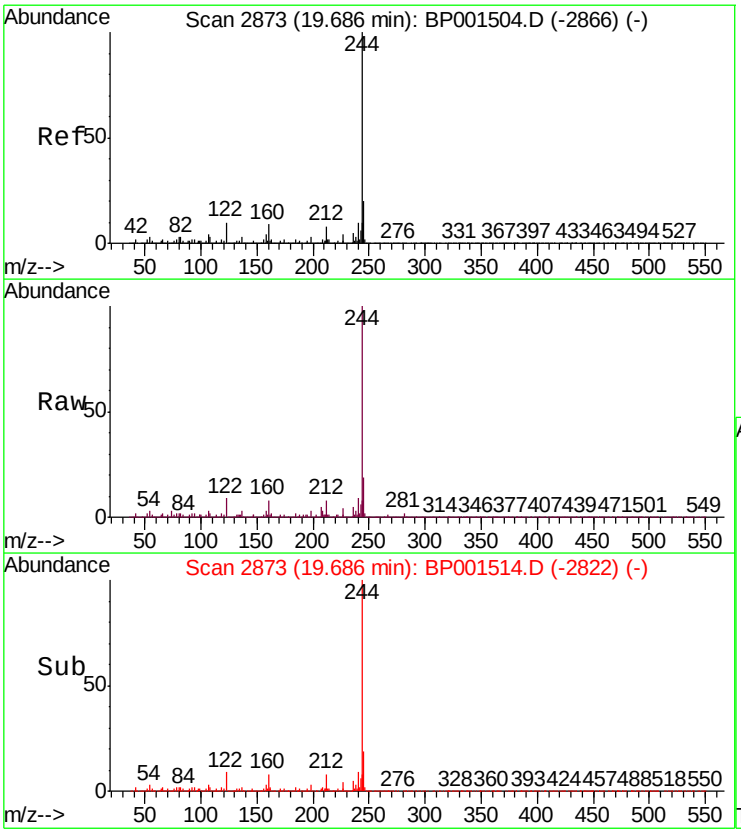
#78
Pyrene
Concen: 35.664 ng
RT: 19.47 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6

Tgt Ion:202 Resp: 766435

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.4	24.6
203	17.4	14.2	21.2

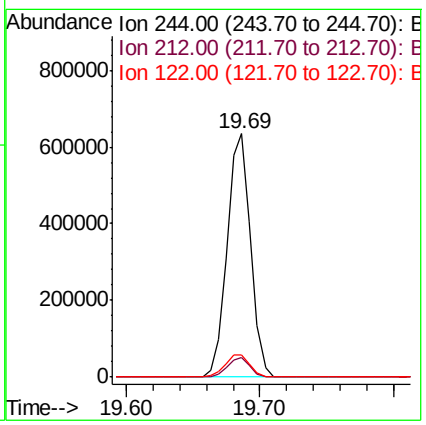


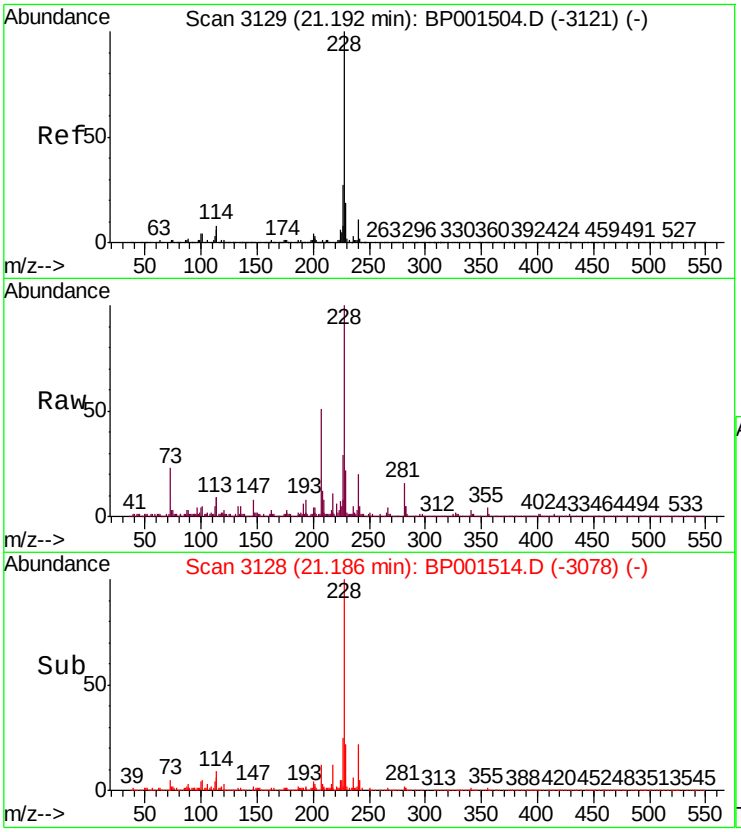


#79
Terphenyl-d14
Concen: 52.424 ng
RT: 19.69 min Scan# 2873
Delta R.T. 0.00 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Tgt Ion:244 Resp: 779054

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	8.9	7.8	11.6



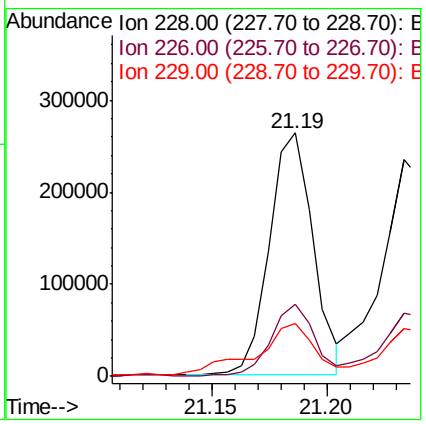


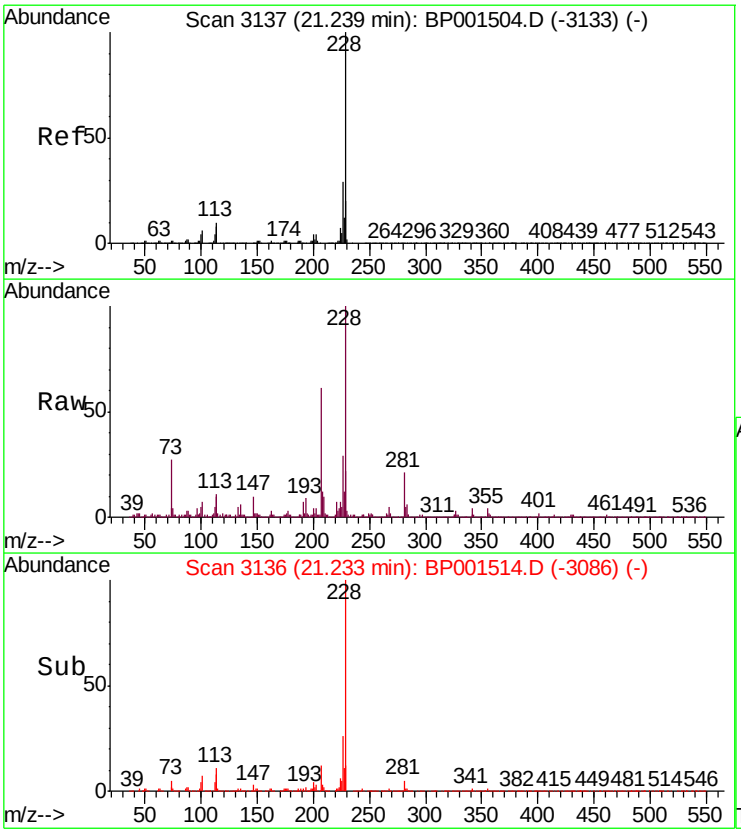
#81
Benzo(a)anthracene
Concen: 16.721 ng
RT: 21.19 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6

Tgt Ion:228 Resp: 347461

Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.5	32.3
229	21.5	15.4	23.2

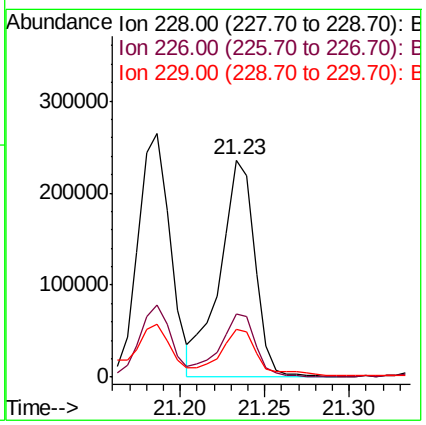


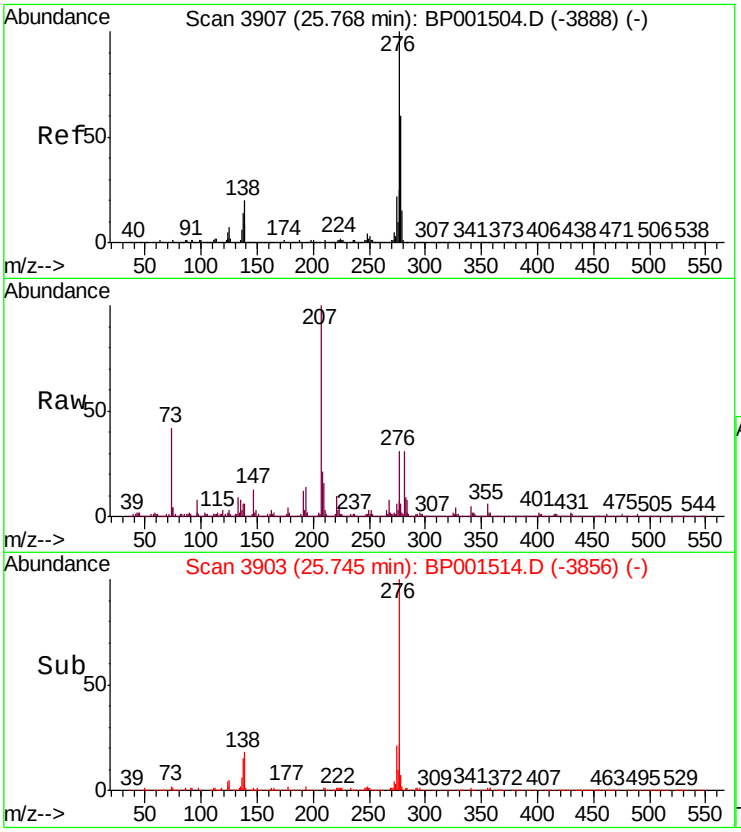


#83
Chrysene
Concen: 16.888 ng
RT: 21.23 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Tgt Ion:228 Resp: 336491

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	22.1	15.7	23.5



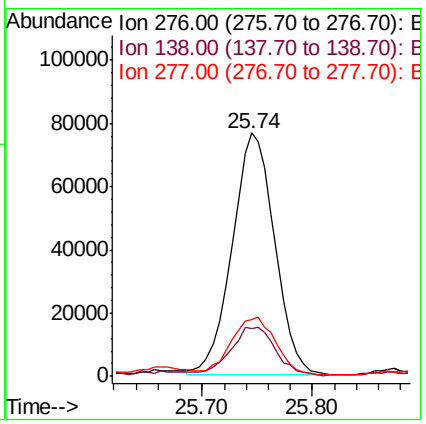


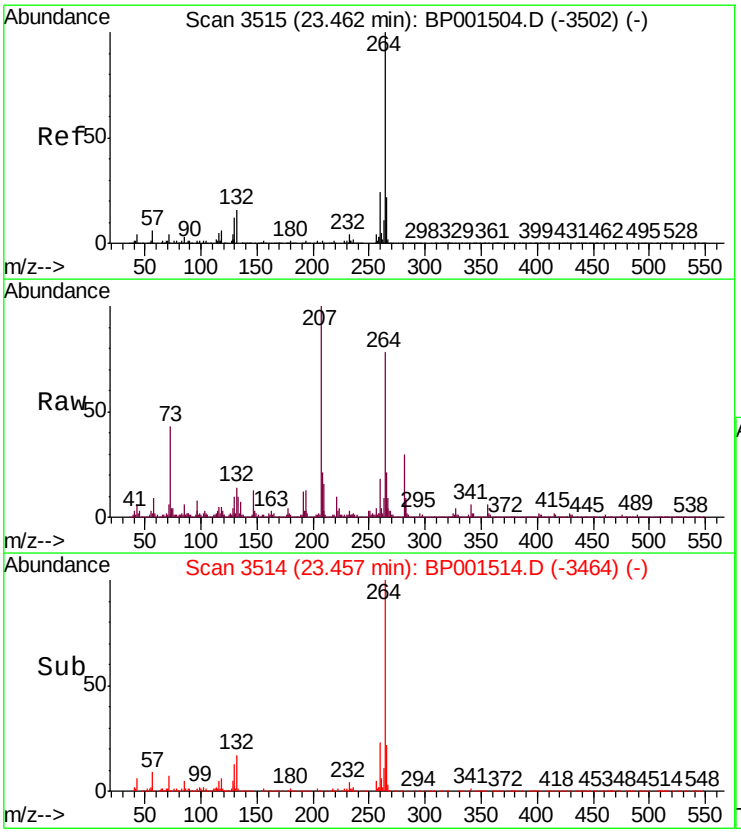
#86
Indeno(1,2,3-cd)pyrene
Concen: 8.513 ng
RT: 25.74 min Scan# 3903
Delta R.T. -0.02 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6

Tgt Ion:276 Resp: 206431

Ion	Ratio	Lower	Upper
276	100		
138	20.9	17.8	26.8
277	25.3	20.0	30.0

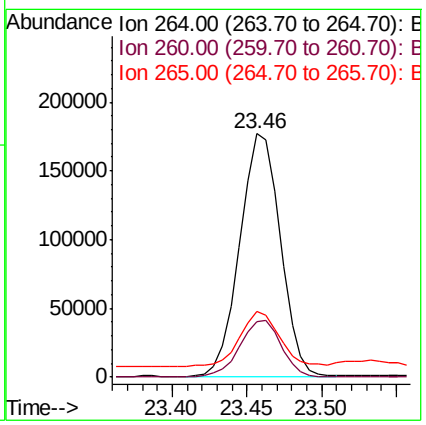


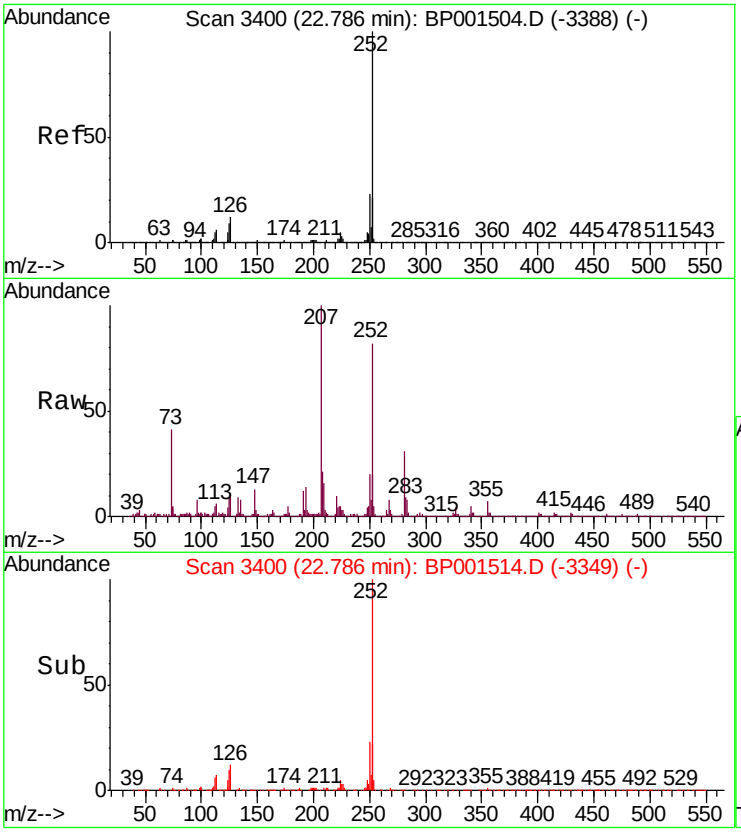


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Tgt Ion:264 Resp: 332909

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	26.8	17.2	25.8#



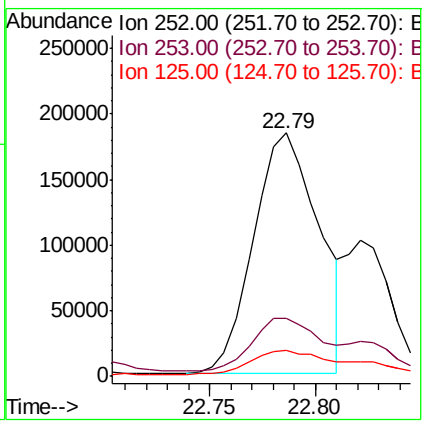


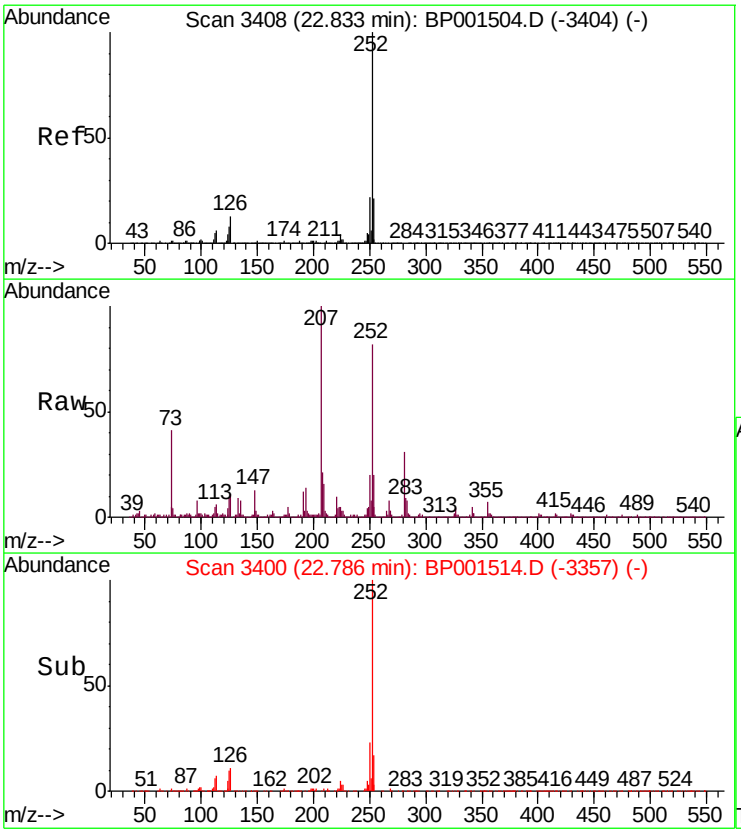
#88
Benzo(b)fluoranthene
Concen: 19.211 ng
RT: 22.79 min Scan# 3400
Delta R.T. 0.00 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6

Tgt Ion:252 Resp: 395992

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	10.8	7.2	10.8#

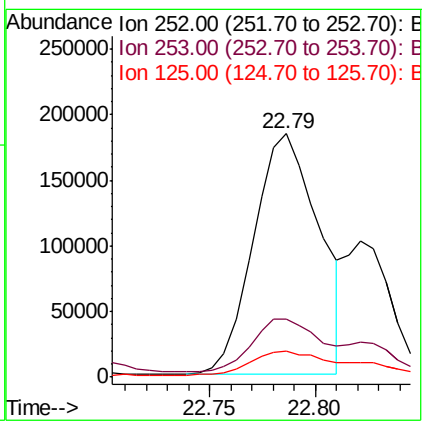


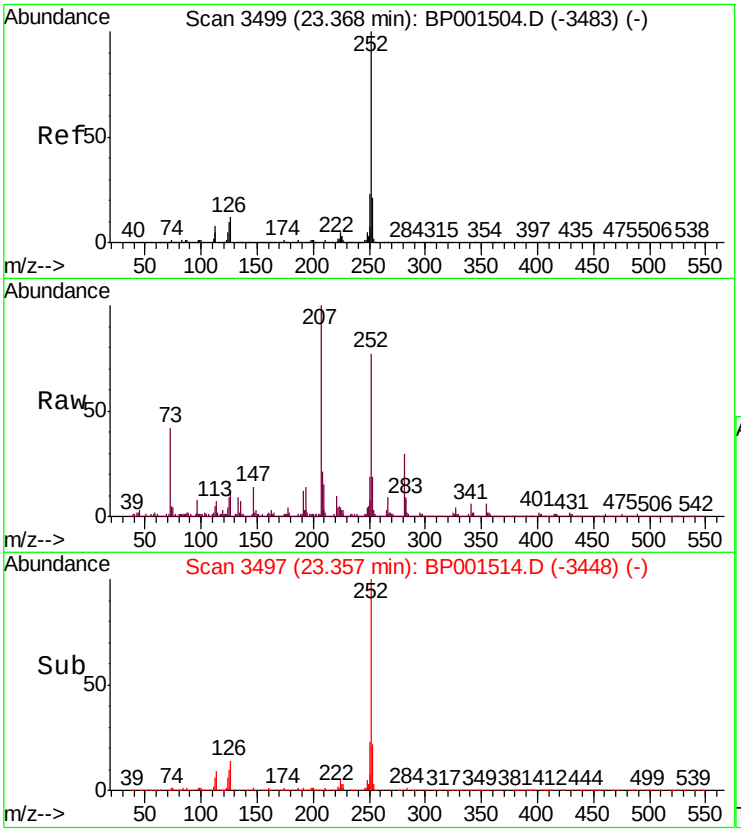


#89
Benzo(k)fluoranthene
Concen: 20.055 ng
RT: 22.79 min Scan# 3400
Delta R.T. -0.05 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Tgt Ion:252 Resp: 395992

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	10.8	6.6	10.0#



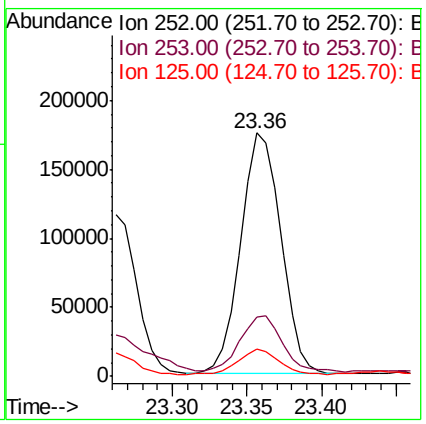


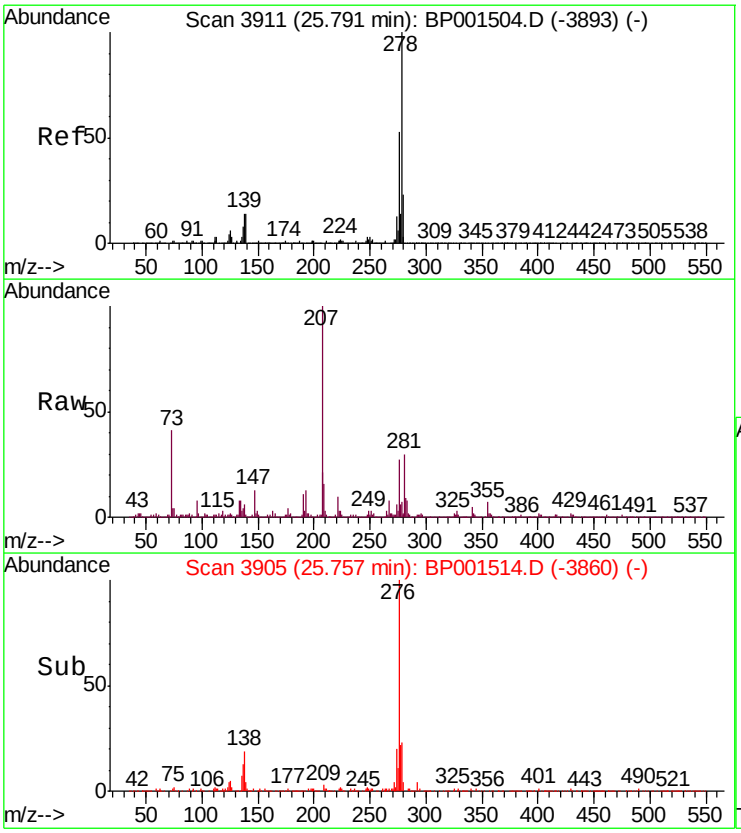
#90
Benzo(a)pyrene
Concen: 16.787 ng
RT: 23.36 min Scan# 3497
Delta R.T. -0.01 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6

Tgt Ion:252 Resp: 323917

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	11.1	7.7	11.5

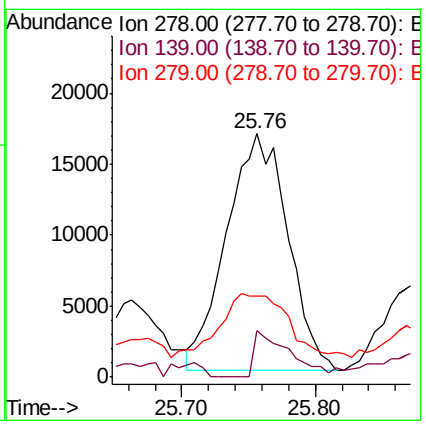


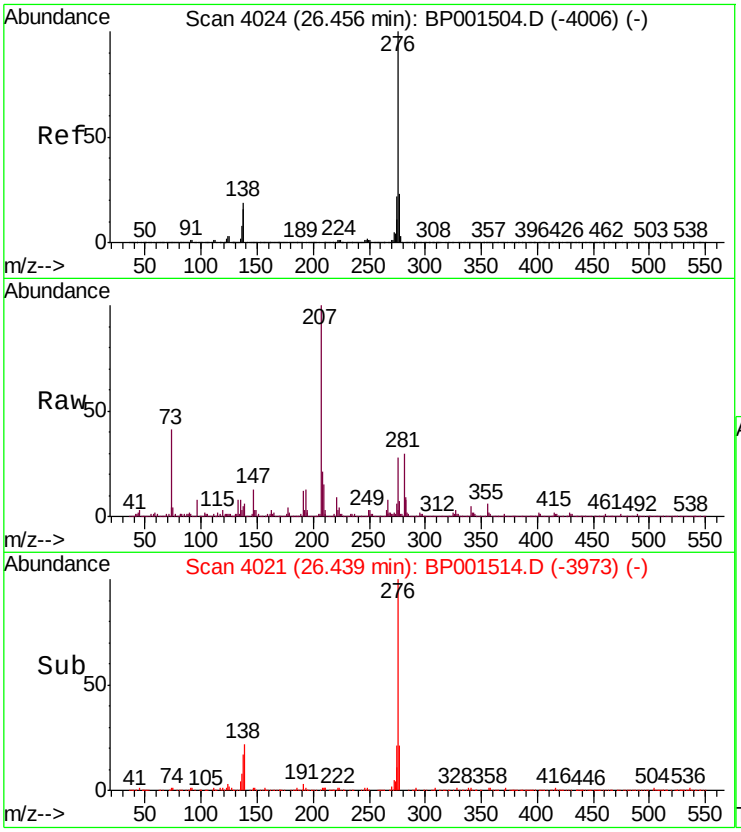


#91
Dibenzo(a,h)anthracene
Concen: 2.778 ng
RT: 25.76 min Scan# 3905
Delta R.T. -0.03 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Tgt Ion:278 Resp: 53281

Ion	Ratio	Lower	Upper
278	100		
139	19.1	11.3	16.9#
279	33.5	18.2	27.2#





#92
Benzo(g,h,i)perylene
Concen: 10.887 ng
RT: 26.44 min Scan# 4021
Delta R.T. -0.02 min
Lab File: BP001514.D
Acq: 03 Jan 2020 18:58

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6

Tgt Ion:276 Resp: 208225

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.7	28.1
138	23.3	15.0	22.4#