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

Quantitation Report (Not Reviewed)

Data File : BP001517.D
Acq On : 03 Jan 2020 20:39
Operator : JU
Sample : K6482-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123119-2-5-COMP-B6

Quant Time: Jan 04 02:59:23 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	67402	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	231503	20.00	ng		0.00
39) Acenaphthene-d10	14.34	164	139812	20.00	ng		0.00
64) Phenanthrene-d10	17.10	188	302599	20.00	ng		0.00
76) Chrysene-d12	21.20	240	275111	20.00	ng		0.00
87) Perylene-d12	23.46	264	320973	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	416463	103.80	ng		0.04
7) Phenol-d6	6.92	99	549196	101.63	ng		0.05
23) Nitrobenzene-d5	8.85	82	325265	69.40	ng		0.00
42) 2,4,6-Tribromophenol	15.84	330	161699	102.19	ng		0.00
45) 2-Fluorobiphenyl	12.96	172	611802	64.34	ng		0.00
79) Terphenyl-d14	19.68	244	868381	62.90	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.83	77	308	Below Cal		#	27
10) Phenol	6.95	94	18847	3.315	ng		98
32) Benzoic acid	9.79	122	181	7.839	ng	#	63
49) Acenaphthylene	14.06	152	65021	4.940	ng		97
50) Dimethylphthalate	13.82	163	36782	3.366	ng	#	99
52) Acenaphthene	14.40	154	25081	3.036	ng		95
54) 2,4-Dinitrophenol	14.43	184	20	6.470	ng	#	1
58) Fluorene	15.39	166	29395	3.050	ng		94
65) 4,6-Dinitro-2-methylphenol	15.47	198	26	5.890	ng	#	1
71) Phenanthrene	17.14	178	552712	33.677	ng		99
72) Anthracene	17.23	178	121652	7.479	ng		100
73) Carbazole	17.50	167	43463	2.888	ng		97
75) Fluoranthene	19.12	202	1154707	58.119	ng		98
78) Pyrene	19.47	202	1130204	56.614	ng		99
81) Benzo(a)anthracene	21.18	228	616119	31.917	ng		97
83) Chrysene	21.23	228	589530	31.851	ng		97
86) Indeno(1,2,3-cd)pyrene	25.75	276	362146	16.077	ng		97
88) Benzo(b)fluoranthene	22.79	252	998272	50.230	ng		96
89) Benzo(k)fluoranthene	22.79	252	998272	52.438	ng		96
90) Benzo(a)pyrene	23.36	252	587215	31.565	ng		96
91) Dibenzo(a,h)anthracene	25.76	278	100772	5.450	ng	#	93
92) Benzo(g,h,i)perylene	26.44	276	367071	19.905	ng		100

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

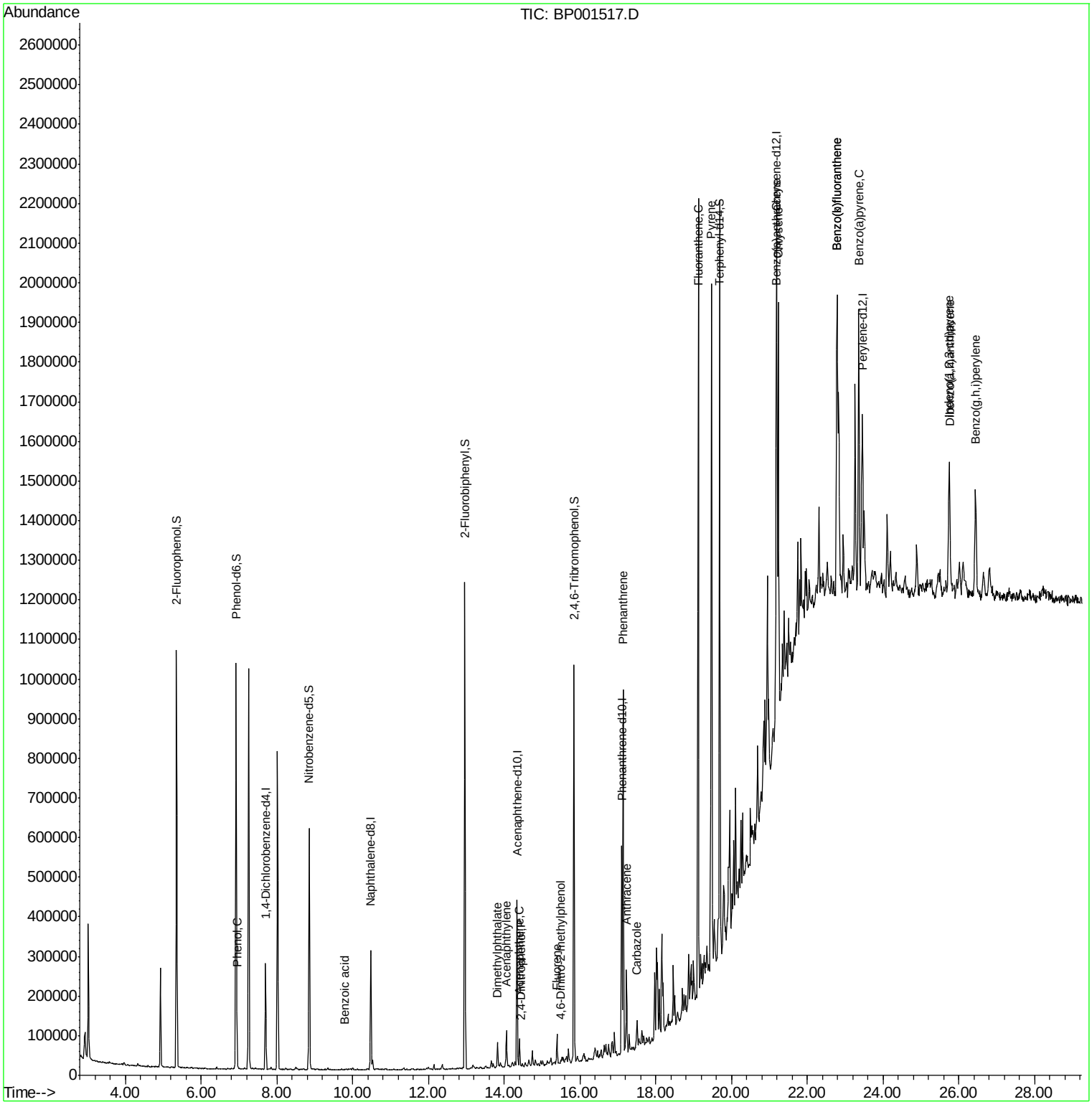
Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010320\

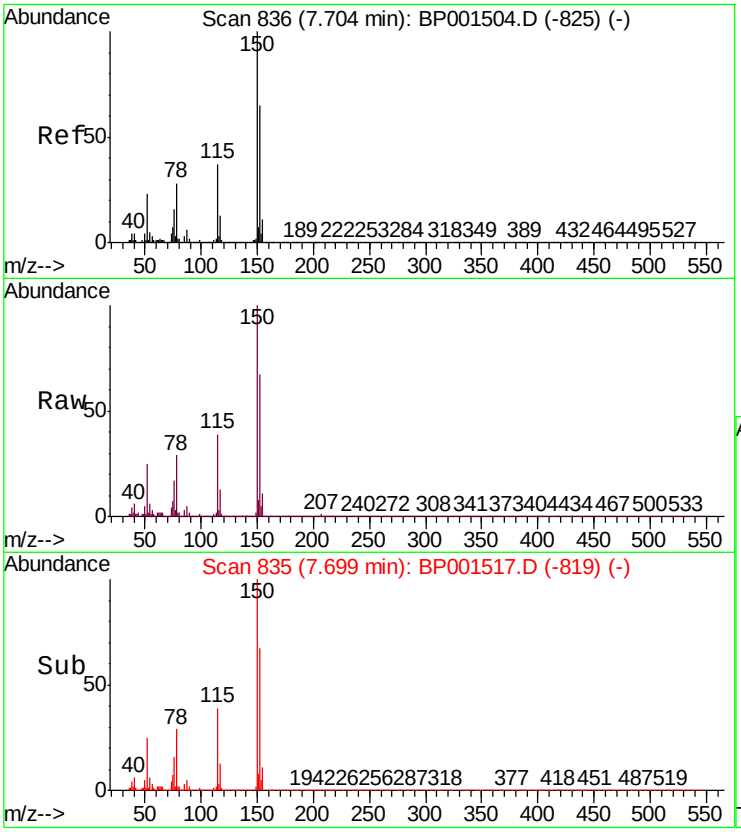
Quantitation Report (Not Reviewed)

Data File : BP001517.D
Acq On : 03 Jan 2020 20:39
Operator : JU
Sample : K6482-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Quant Time: Jan 04 02:59:23 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



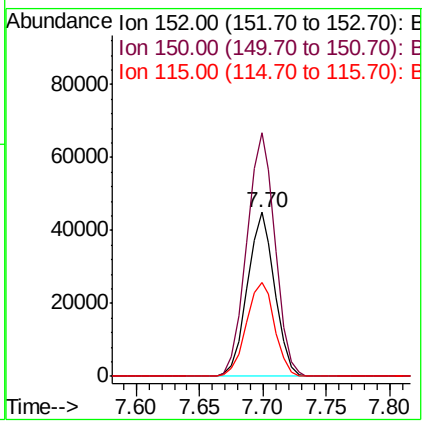


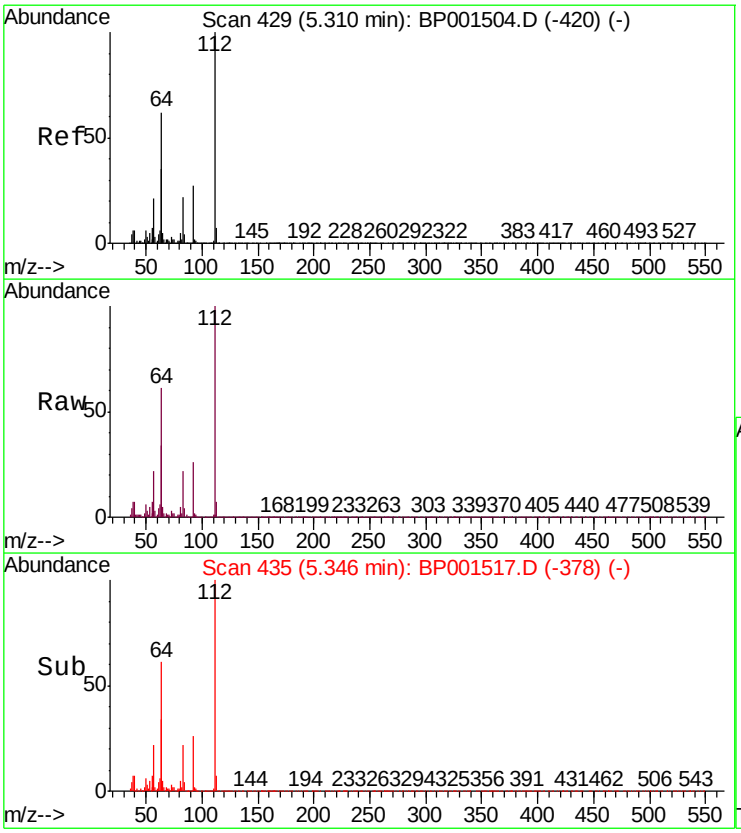
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 835
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tgt Ion:152 Resp: 67402

Ion	Ratio	Lower	Upper
152	100		
150	148.3	123.6	185.4
115	57.2	45.8	68.6

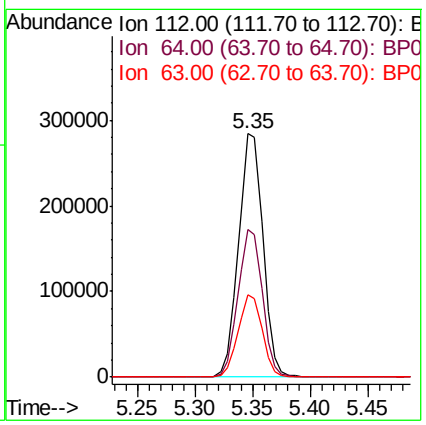


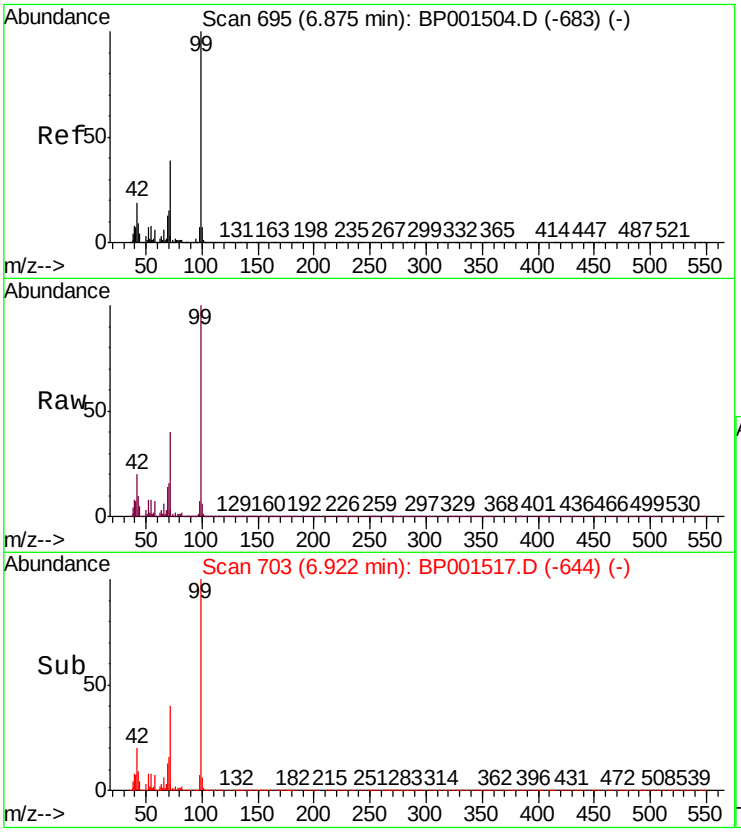


#5
2-Fluorophenol
Concen: 103.804 ng
RT: 5.35 min Scan# 435
Delta R.T. 0.04 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion:112 Resp: 416463

Ion	Ratio	Lower	Upper
112	100		
64	60.9	49.7	74.5
63	33.6	28.1	42.1



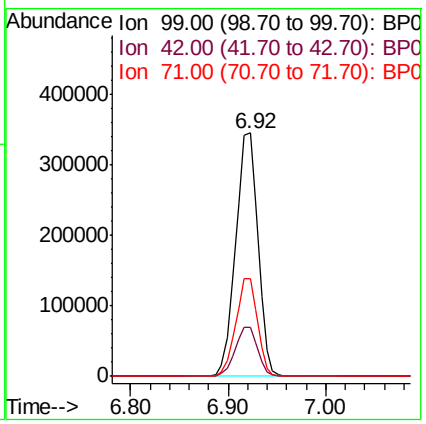


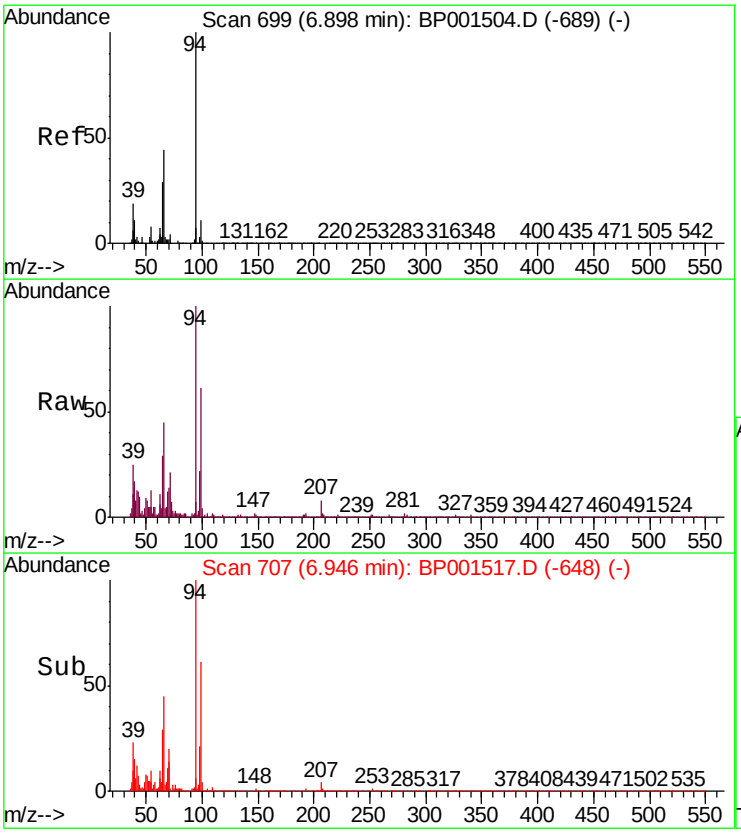
#7
Phenol-d6
Concen: 101.631 ng
RT: 6.92 min Scan# 703
Delta R.T. 0.05 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tgt Ion: 99 Resp: 549196

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.3	22.9
71	39.9	30.9	46.3

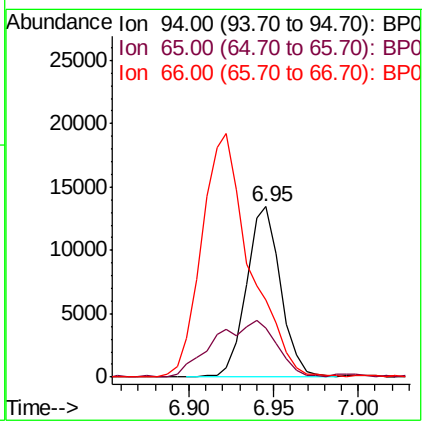


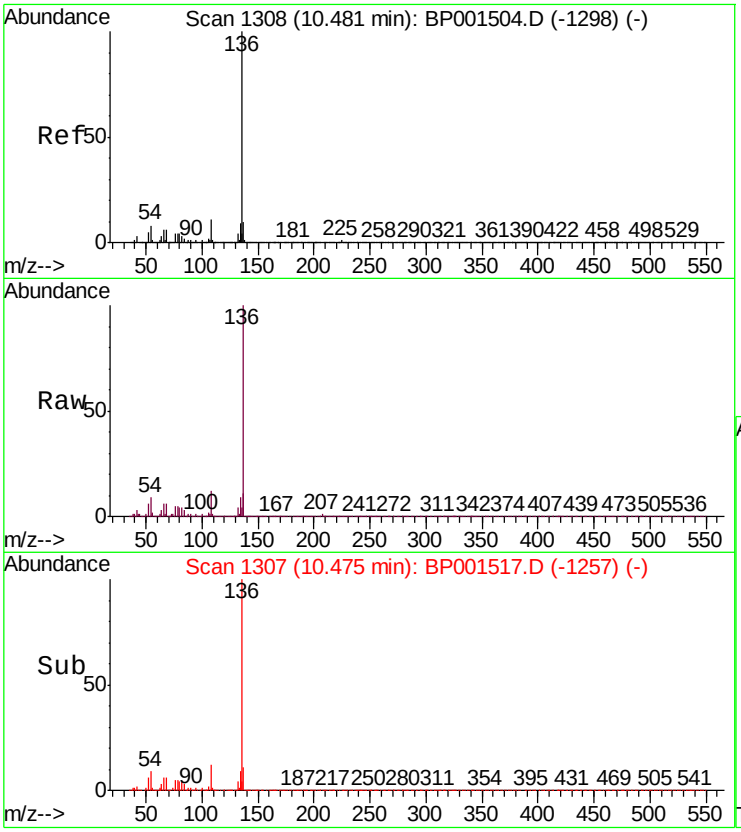


#10
Phenol
Concen: 3.315 ng
RT: 6.95 min Scan# 707
Delta R.T. 0.05 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion: 94 Resp: 18847

Ion	Ratio	Lower	Upper
94	100		
65	28.9	9.2	49.2
66	45.5	23.8	63.8



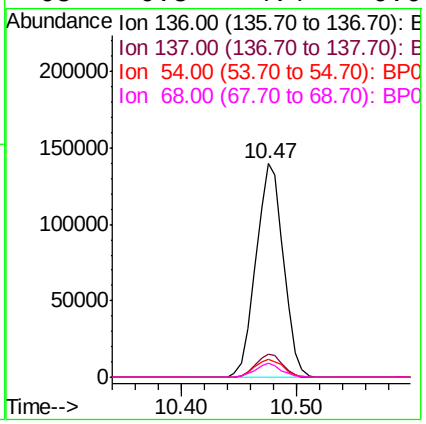


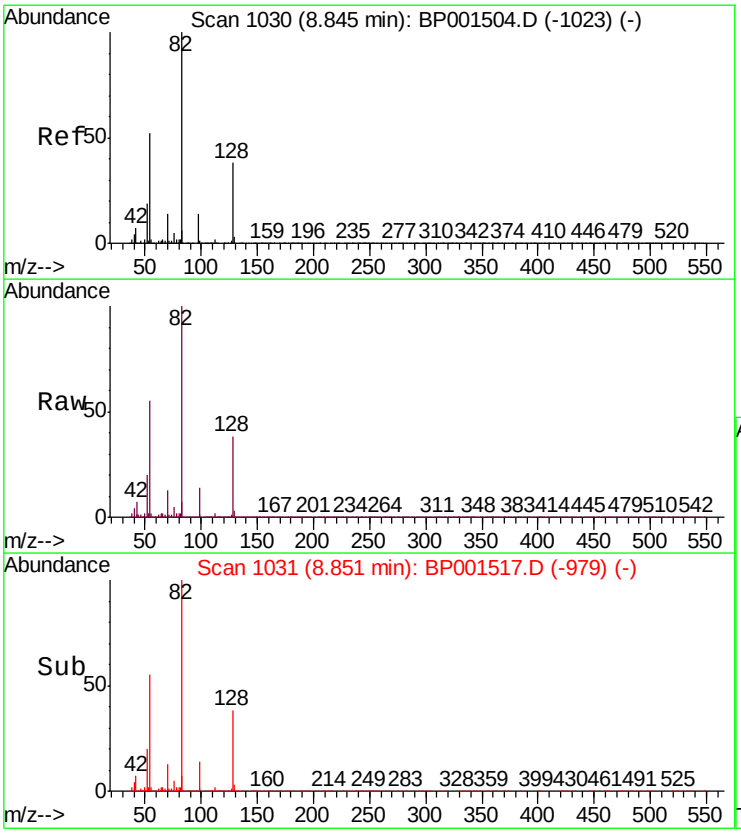
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tgt Ion:136 Resp: 231503

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.3	12.5
54	8.6	6.7	10.1
68	6.3	4.4	6.6

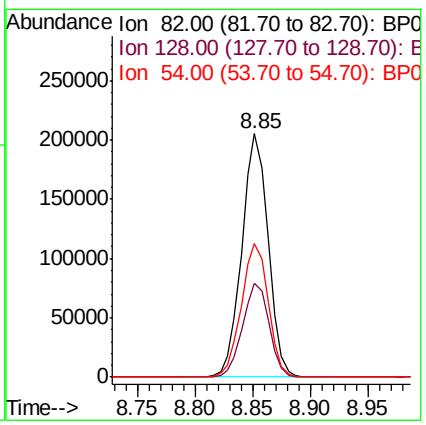


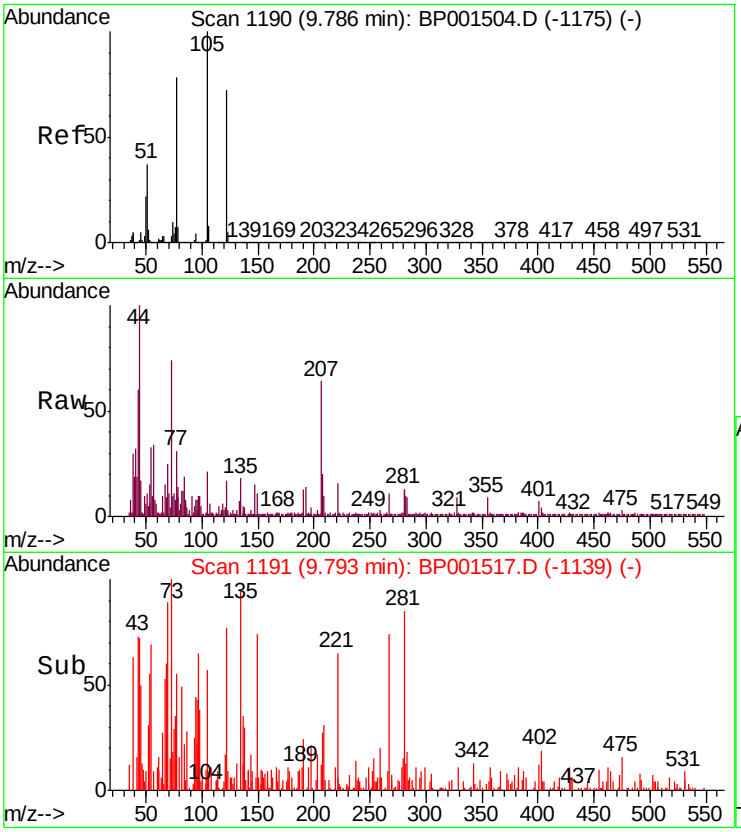


#23
Nitrobenzene-d5
Concen: 69.396 ng
RT: 8.85 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion: 82 Resp: 325265

Ion	Ratio	Lower	Upper
82	100		
128	38.3	30.1	45.1
54	55.1	41.8	62.6



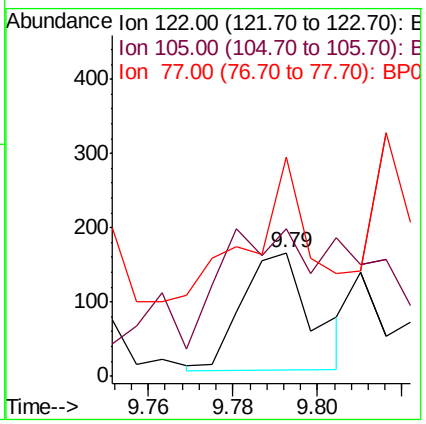


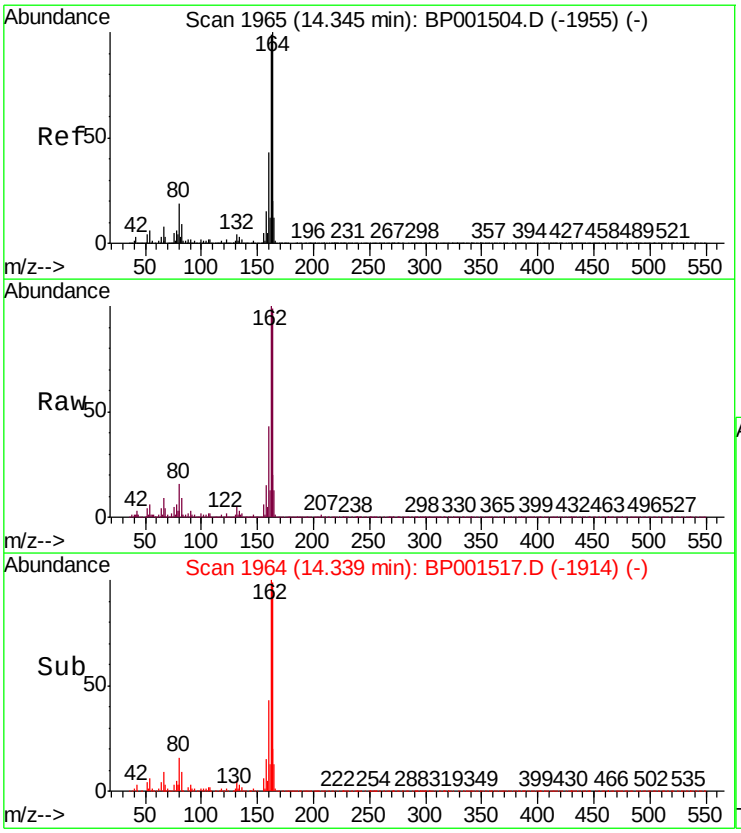
#32
Benzoic acid
Concen: 7.839 ng
RT: 9.79 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tgt Ion:122 Resp: 181

Ion	Ratio	Lower	Upper
122	100		
105	119.3	111.1	151.1
77	178.3	85.9	125.9#

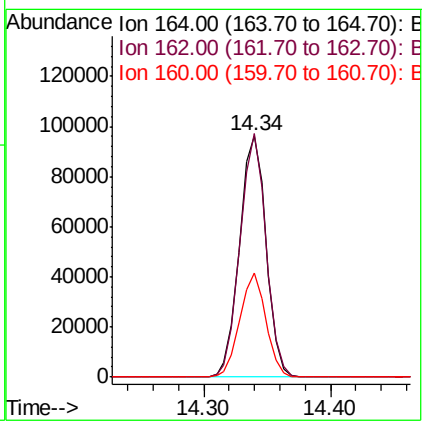


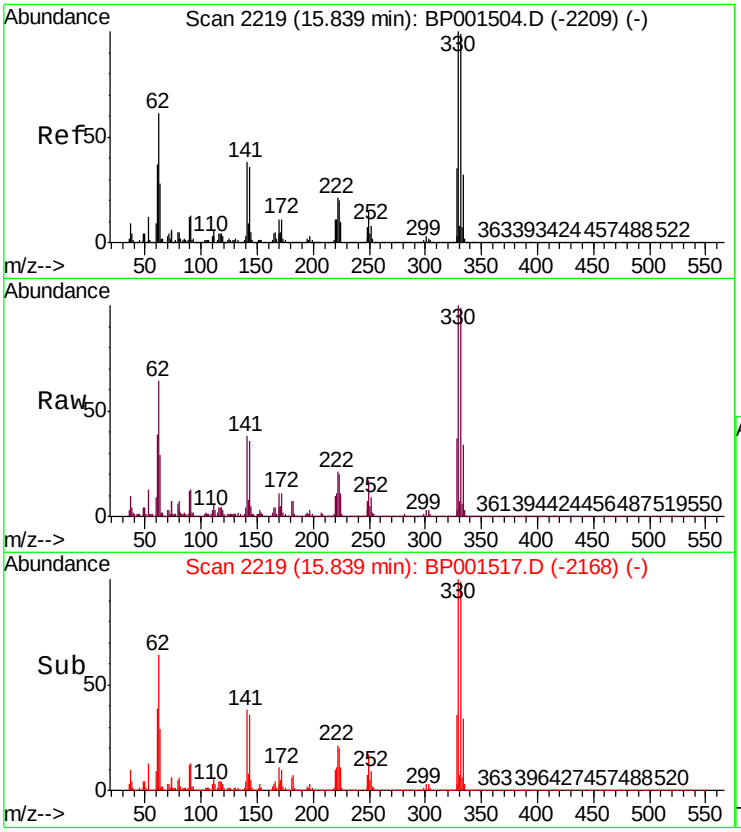


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion:164 Resp: 139812

Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.2	118.8
160	43.2	34.6	52.0



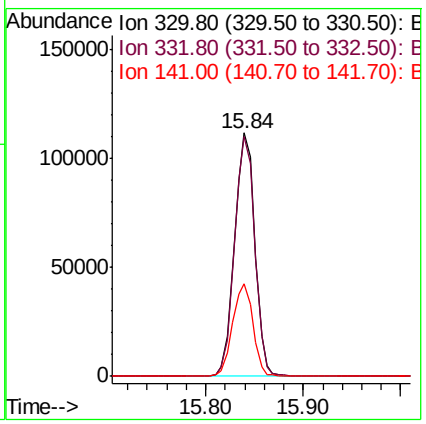


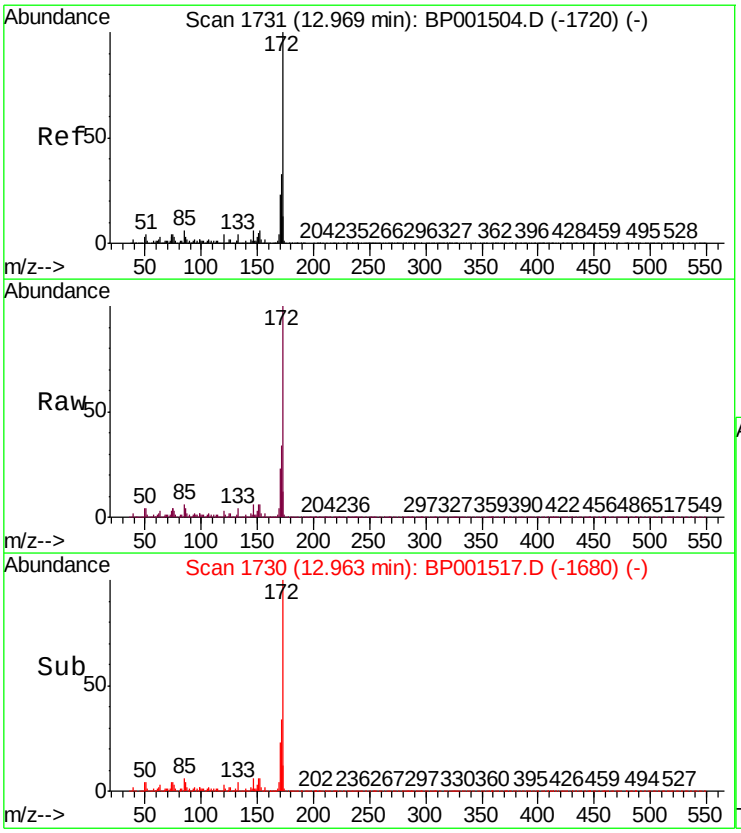
#42
2,4,6-Tribromophenol
Concen: 102.189 ng
RT: 15.84 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tgt Ion:330 Resp: 161699

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.2	117.2
141	38.1	30.3	45.5

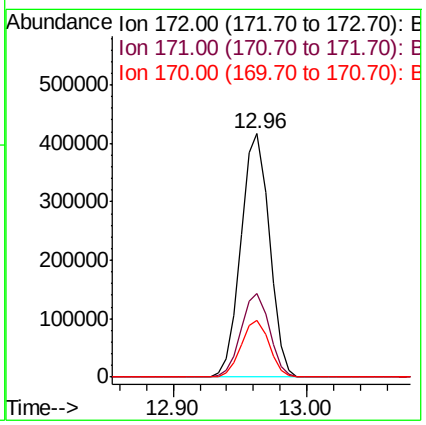


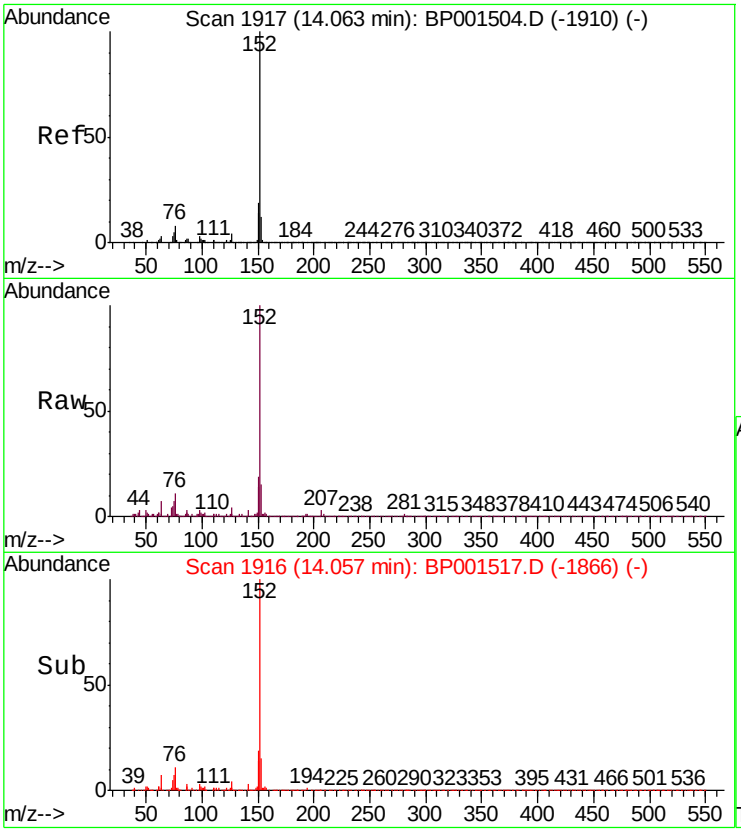


#45
2-Fluorobiphenyl
Concen: 64.343 ng
RT: 12.96 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion:172 Resp: 611802

Ion	Ratio	Lower	Upper
172	100		
171	34.5	26.7	40.1
170	23.3	18.7	28.1



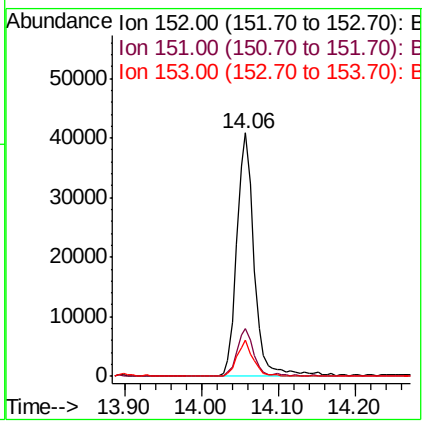


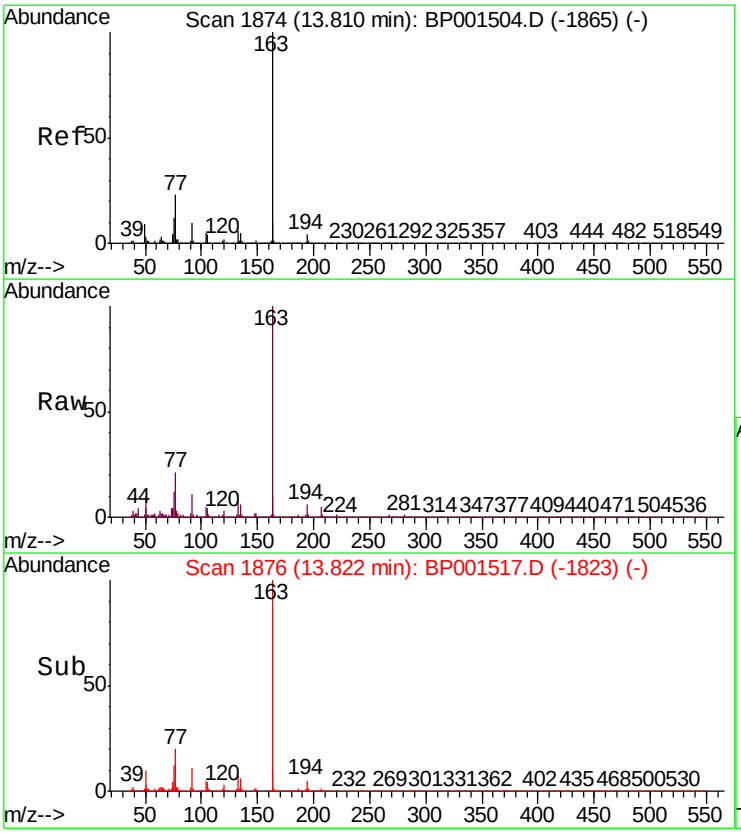
#49
Acenaphthylene
Concen: 4.940 ng
RT: 14.06 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tgt Ion:152 Resp: 65021

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.2	22.8
153	14.7	9.9	14.9

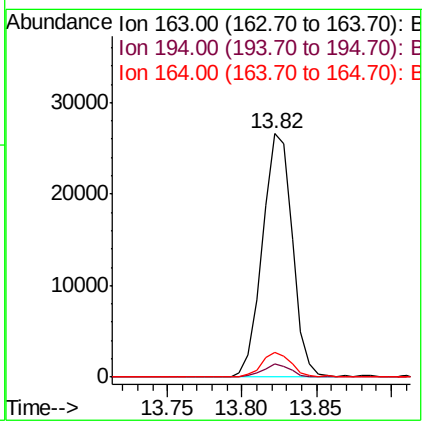


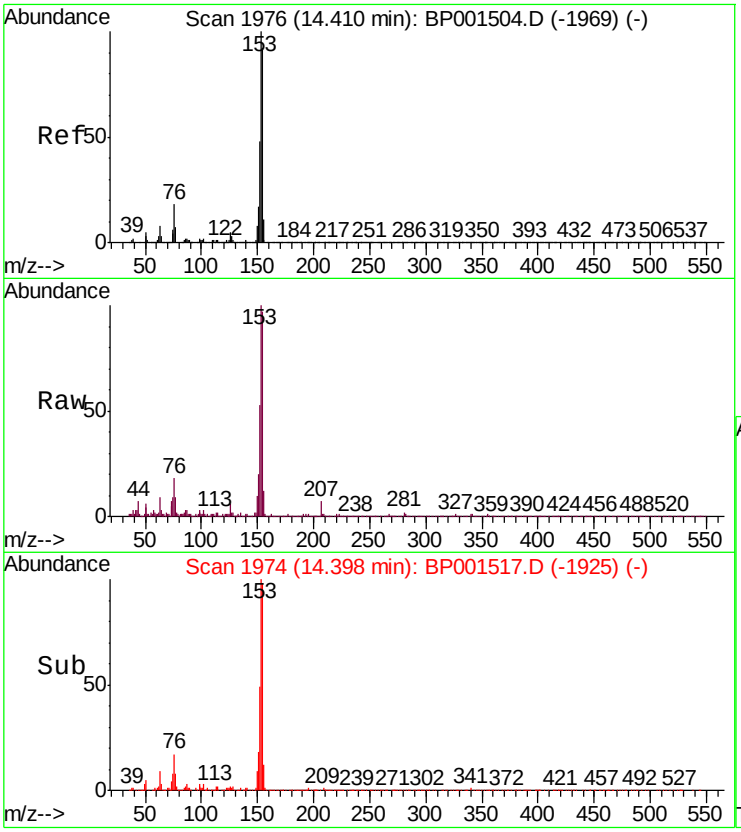


#50
Dimethylphthalate
Concen: 3.366 ng
RT: 13.82 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion:163 Resp: 36782

Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.4	5.0#
164	10.1	8.1	12.1



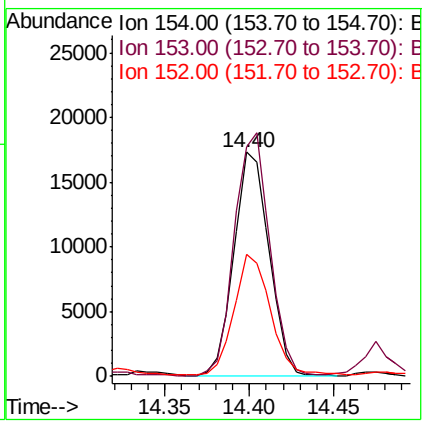


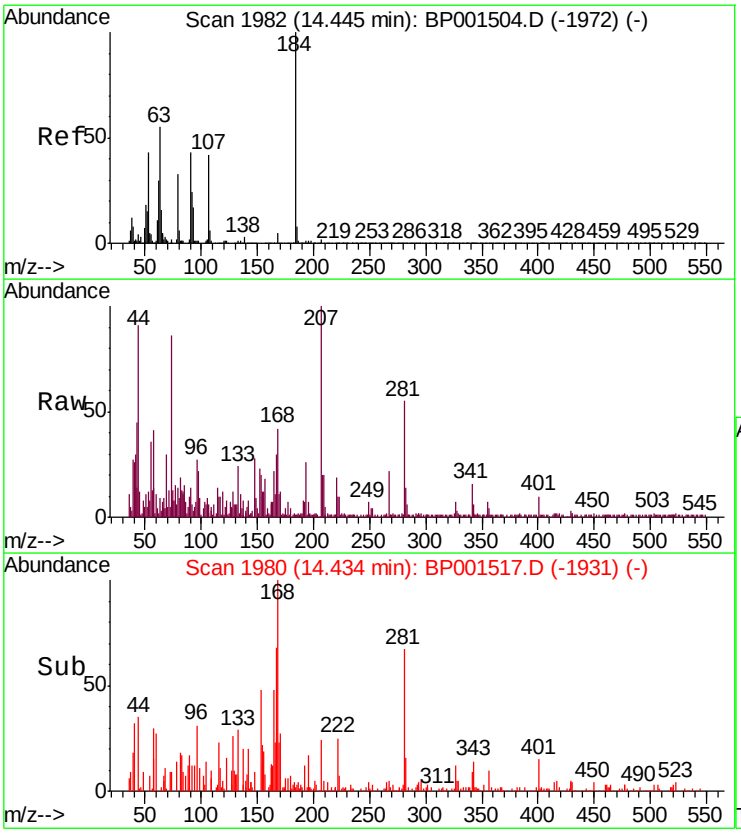
#52
Acenaphthene
Concen: 3.036 ng
RT: 14.40 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tgt Ion:154 Resp: 25081

Ion	Ratio	Lower	Upper
154	100		
153	102.6	87.3	130.9
152	54.4	41.5	62.3

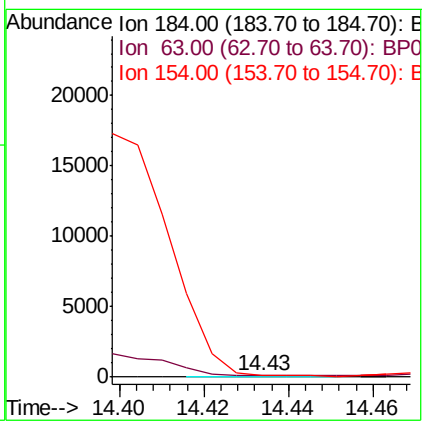


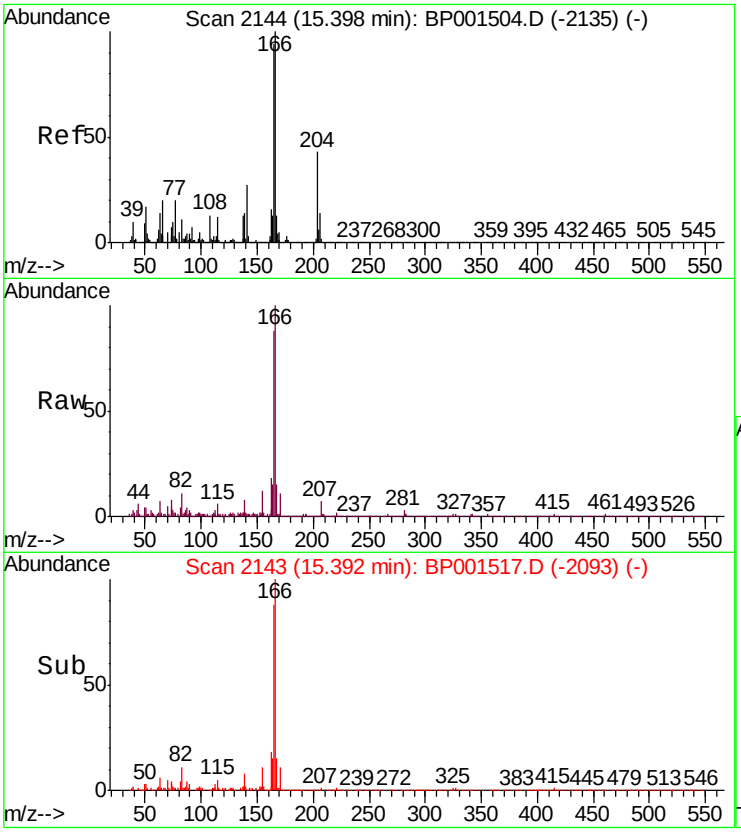


#54
2,4-Dinitrophenol
Concen: 6.470 ng
RT: 14.43 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion:184 Resp: 20

Ion	Ratio	Lower	Upper
184	100		
63	376.7	50.0	75.0#
154	516.7	49.2	73.8#



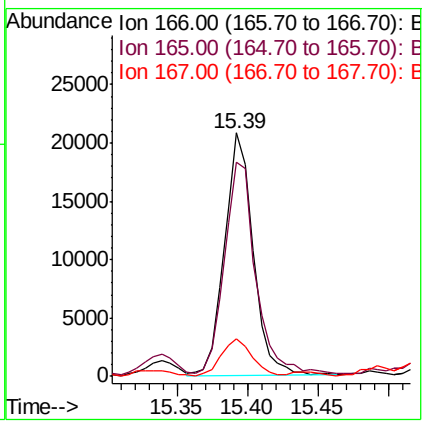


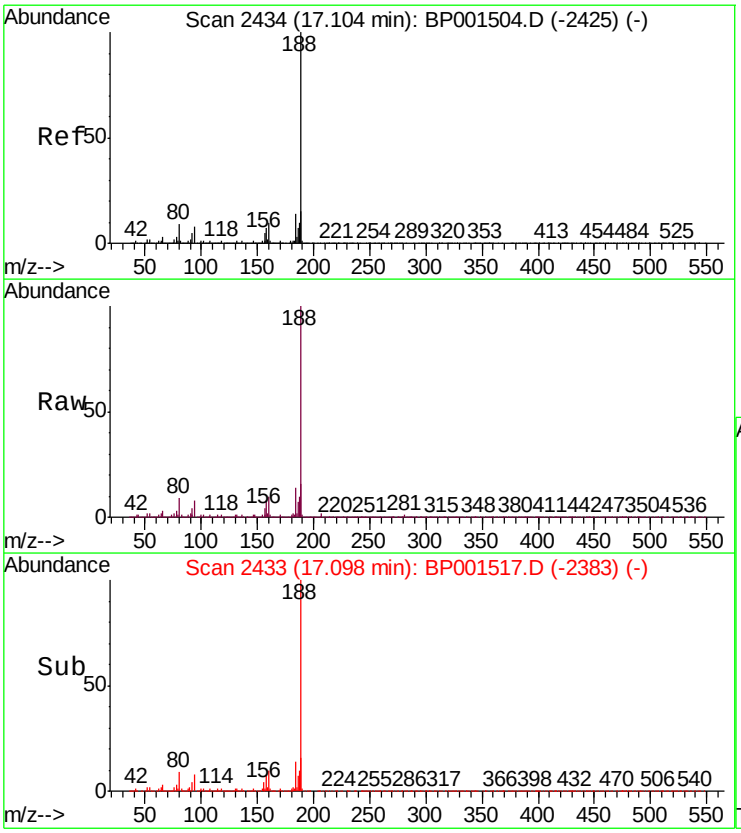
#58
Fluorene
Concen: 3.050 ng
RT: 15.39 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tgt Ion:166 Resp: 29395

Ion	Ratio	Lower	Upper
166	100		
165	87.8	75.3	112.9
167	15.4	10.7	16.1

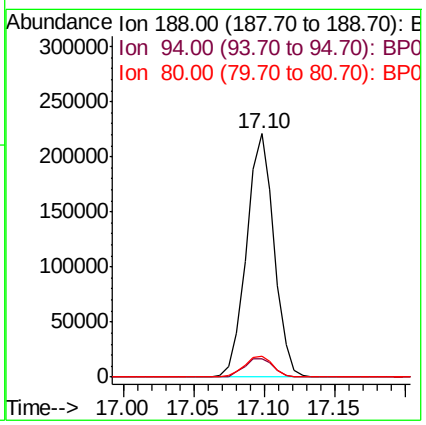


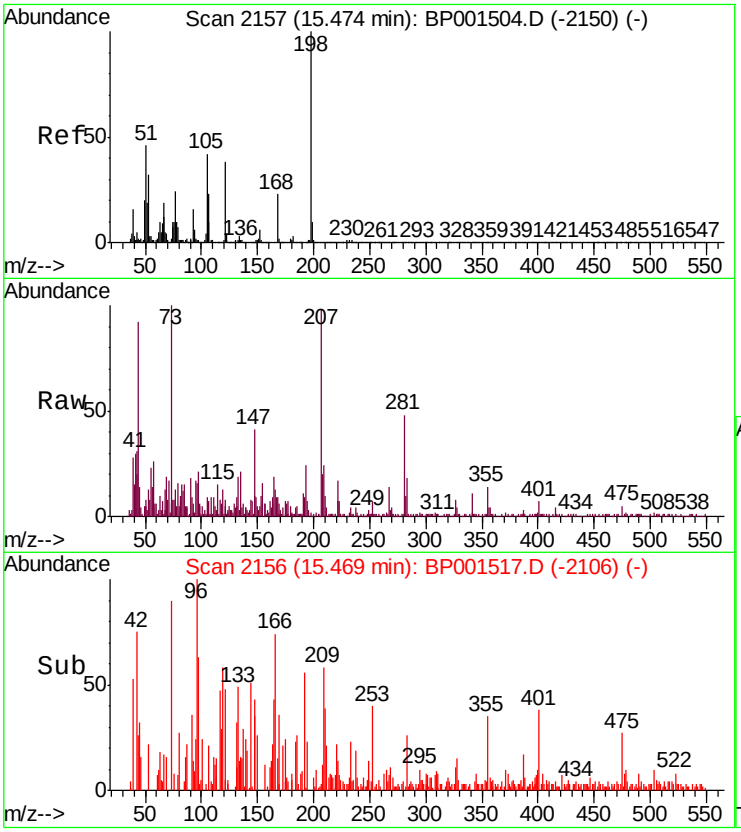


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion:188 Resp: 302599

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.5	9.7
80	8.8	7.3	10.9



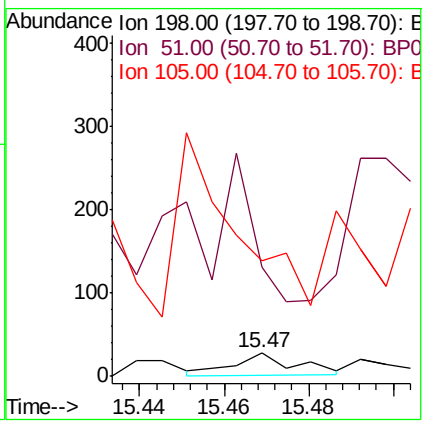


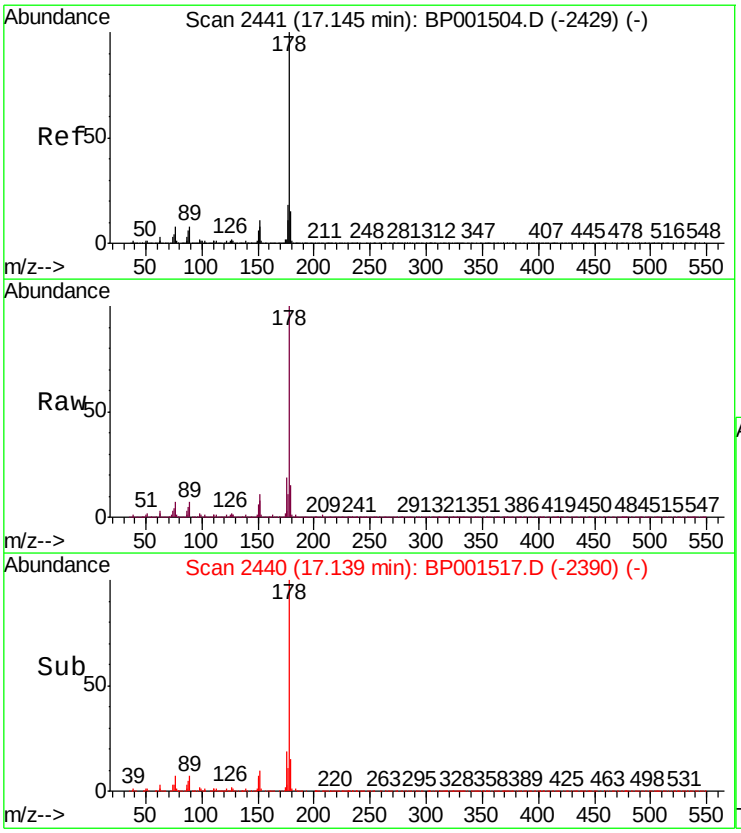
#65
4,6-Dinitro-2-methylphenol
Concen: 5.890 ng
RT: 15.47 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tgt Ion:198 Resp: 26

Ion	Ratio	Lower	Upper
198	100		
51	467.9	26.9	66.9#
105	496.4	22.5	62.5#

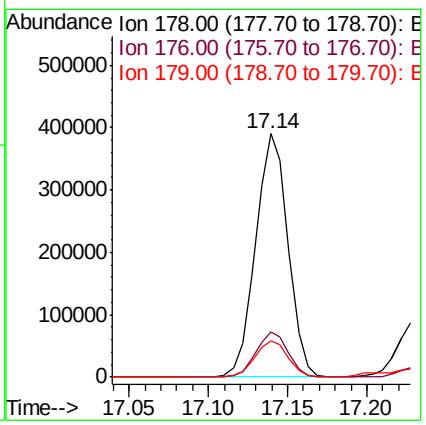


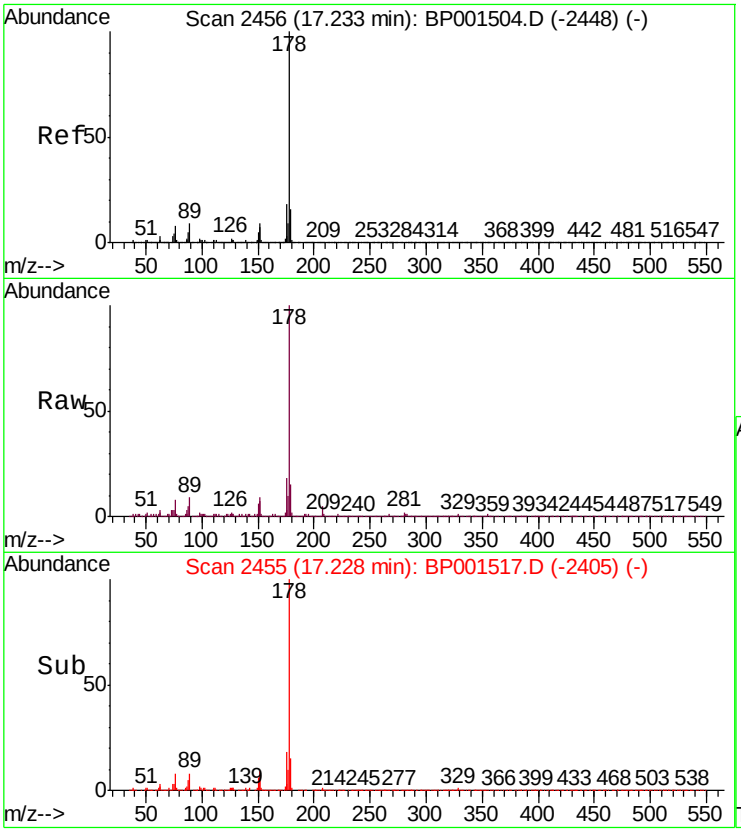


#71
Phenanthrene
Concen: 33.677 ng
RT: 17.14 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion:178 Resp: 552712

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.0	12.3	18.5



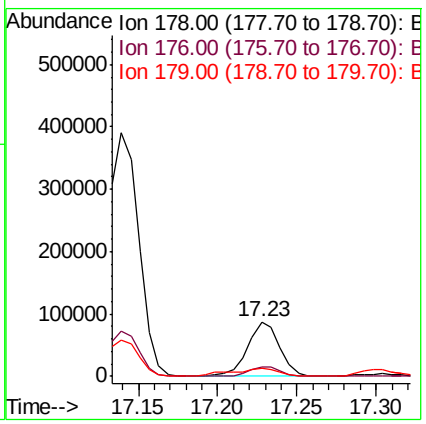


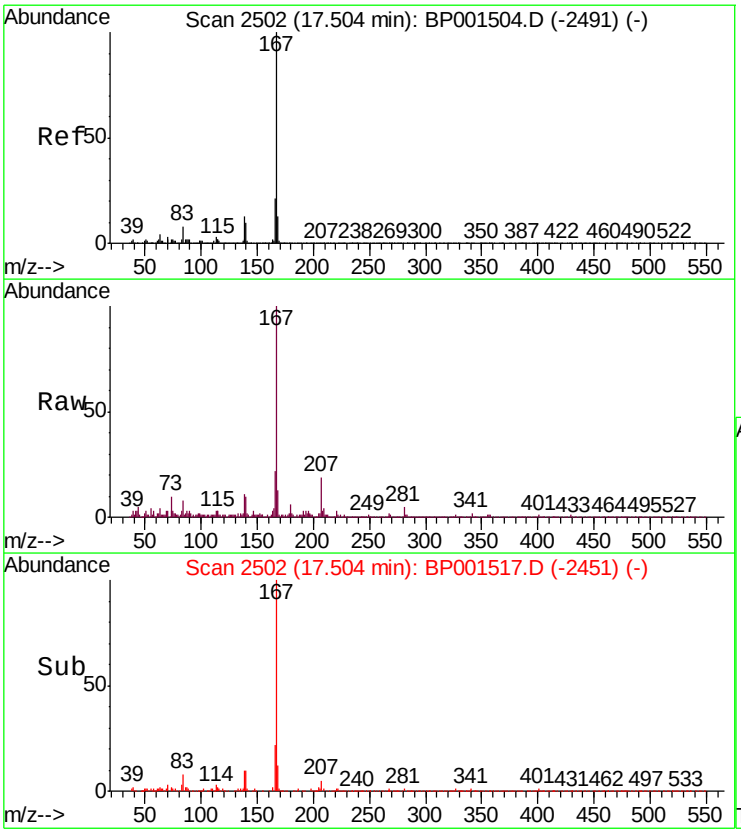
#72
Anthracene
Concen: 7.479 ng
RT: 17.23 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tgt Ion:178 Resp: 121652

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	15.4	12.5	18.7

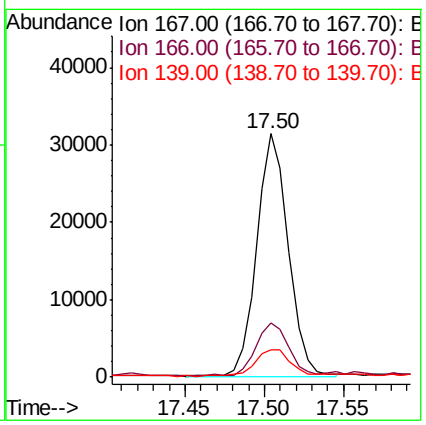


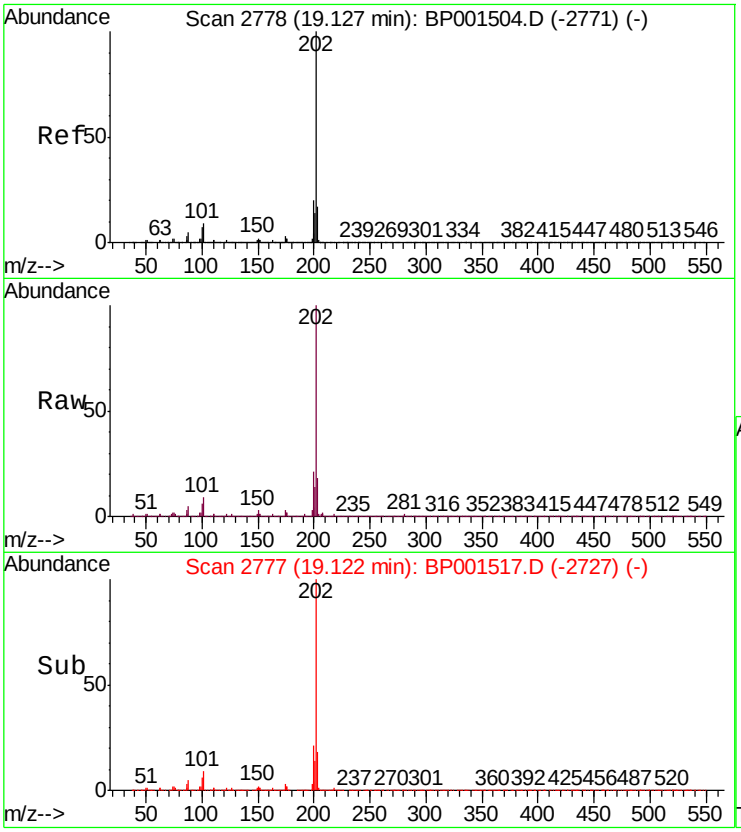


#73
Carbazole
Concen: 2.888 ng
RT: 17.50 min Scan# 2502
Delta R.T. 0.00 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion:167 Resp: 43463

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.0	25.6
139	11.4	10.2	15.4



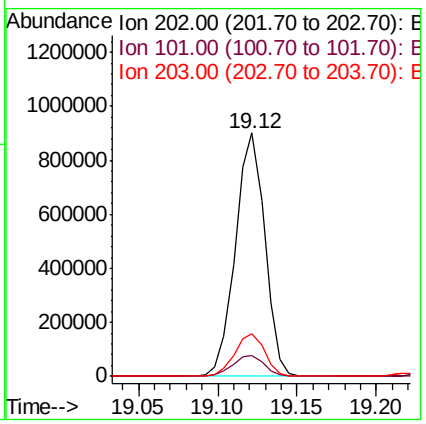


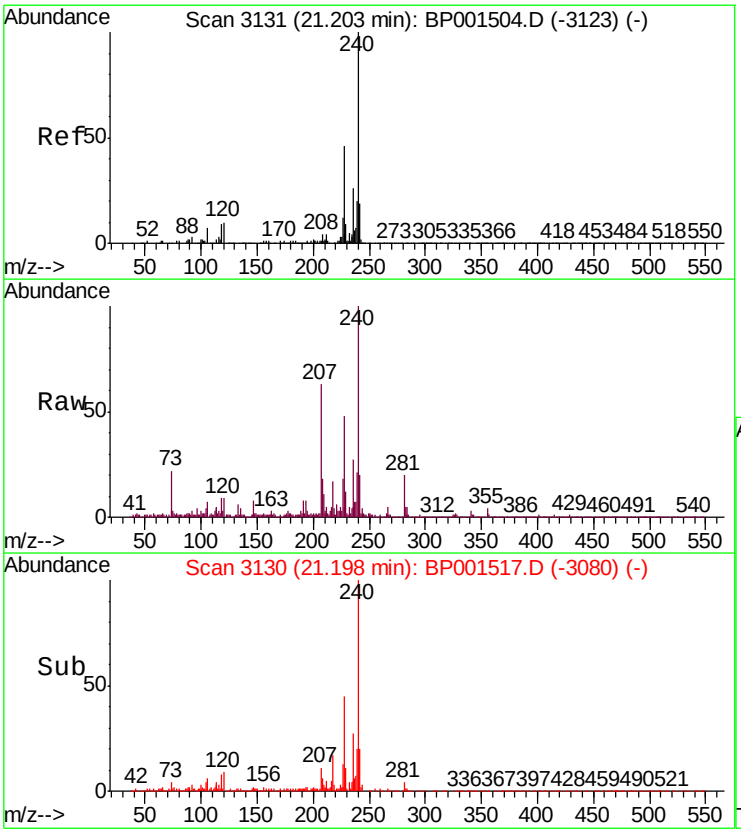
#75
Fluoranthene
Concen: 58.119 ng
RT: 19.12 min Scan# 2777
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tgt Ion:202 Resp: 1154707

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.3
203	17.6	0.0	36.7

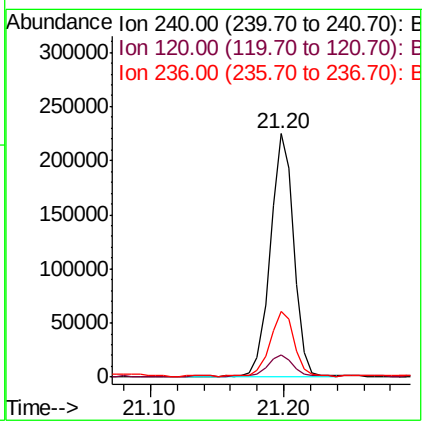


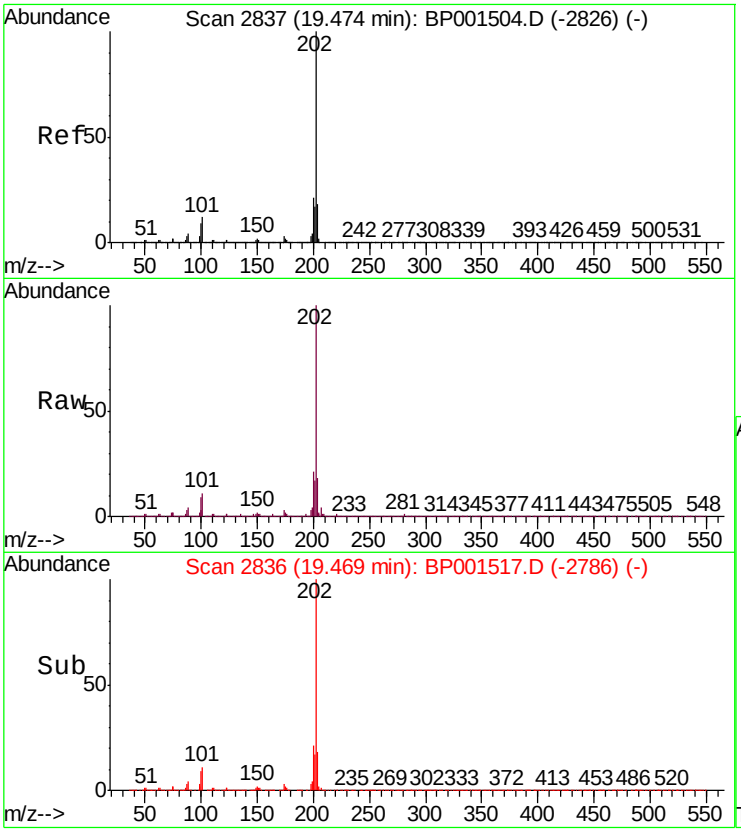


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion:240 Resp: 275111

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.1	12.1
236	27.1	20.9	31.3



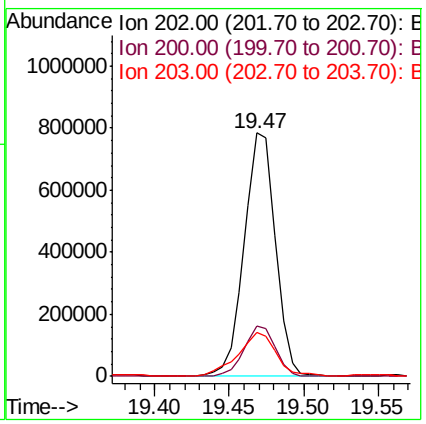


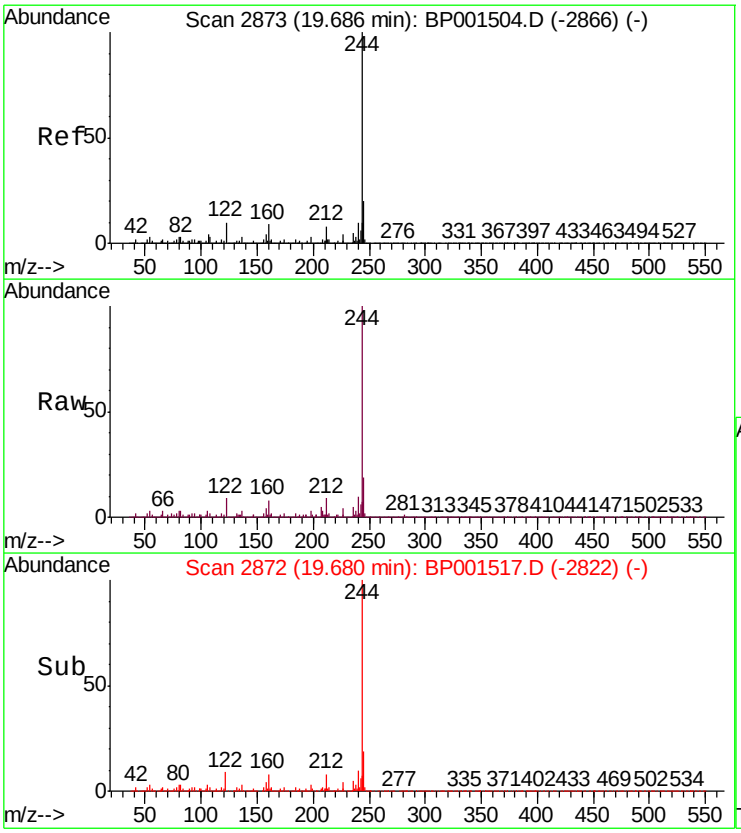
#78
Pyrene
Concen: 56.614 ng
RT: 19.47 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tgt Ion:202 Resp: 1130204

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.4	24.6
203	18.0	14.2	21.2

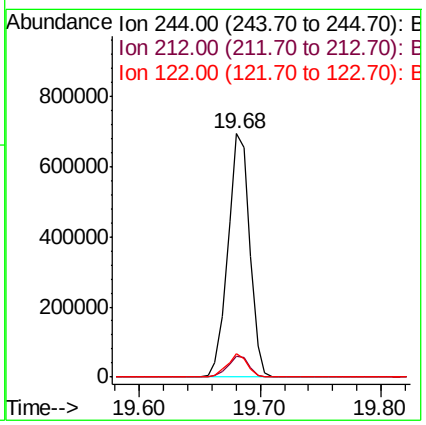


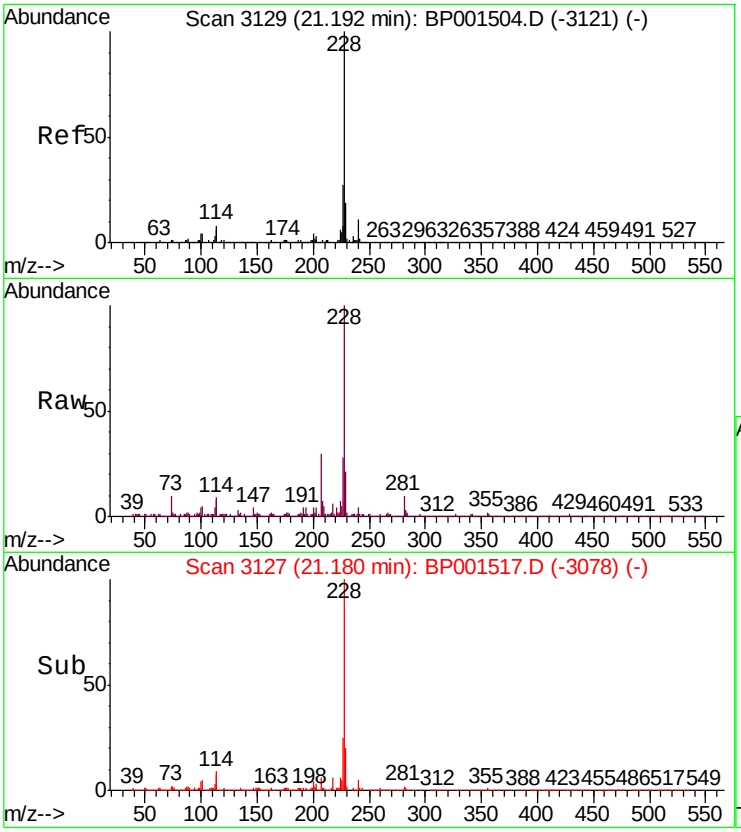


#79
Terphenyl-d14
Concen: 62.905 ng
RT: 19.68 min Scan# 2872
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion:244 Resp: 868381

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	9.8
122	9.5	7.8	11.6



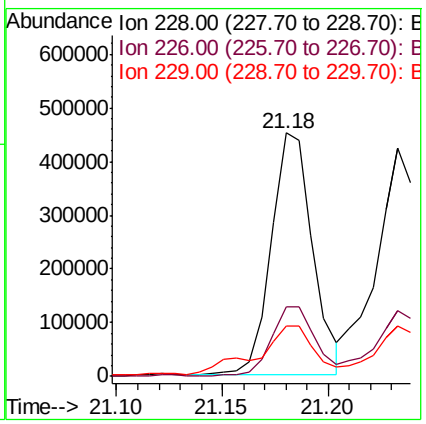


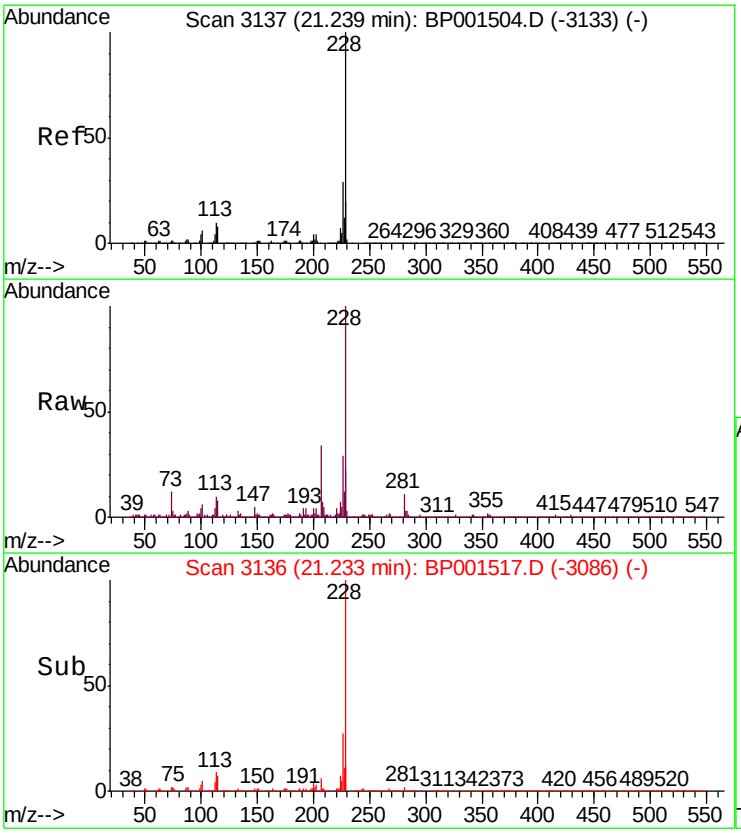
#81
Benzo(a)anthracene
Concen: 31.917 ng
RT: 21.18 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tgt Ion:228 Resp: 616119

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.5	32.3
229	20.6	15.4	23.2

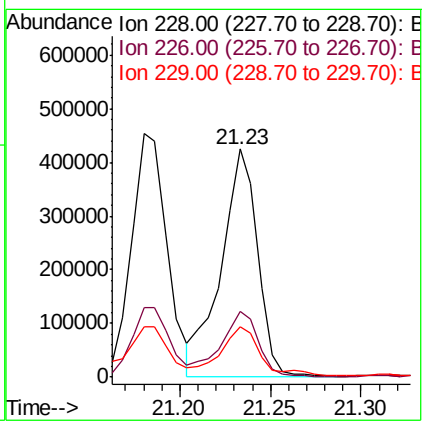


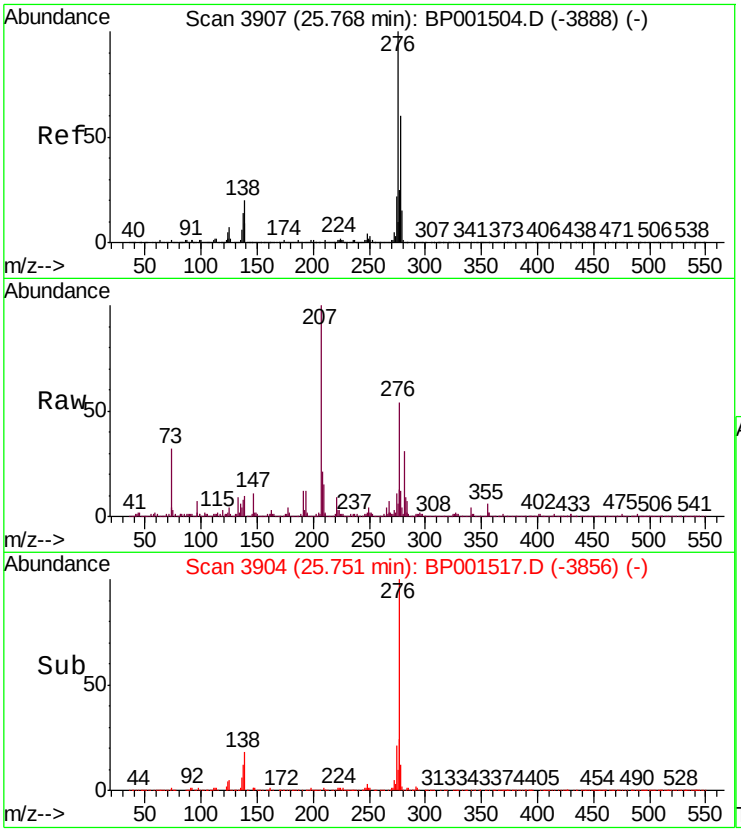


#83
Chrysene
Concen: 31.851 ng
RT: 21.23 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion:228 Resp: 589530

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.6
229	22.3	15.7	23.5



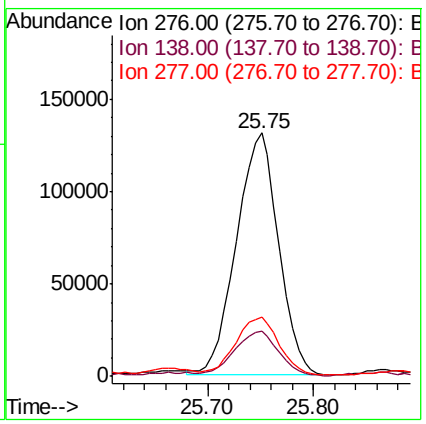


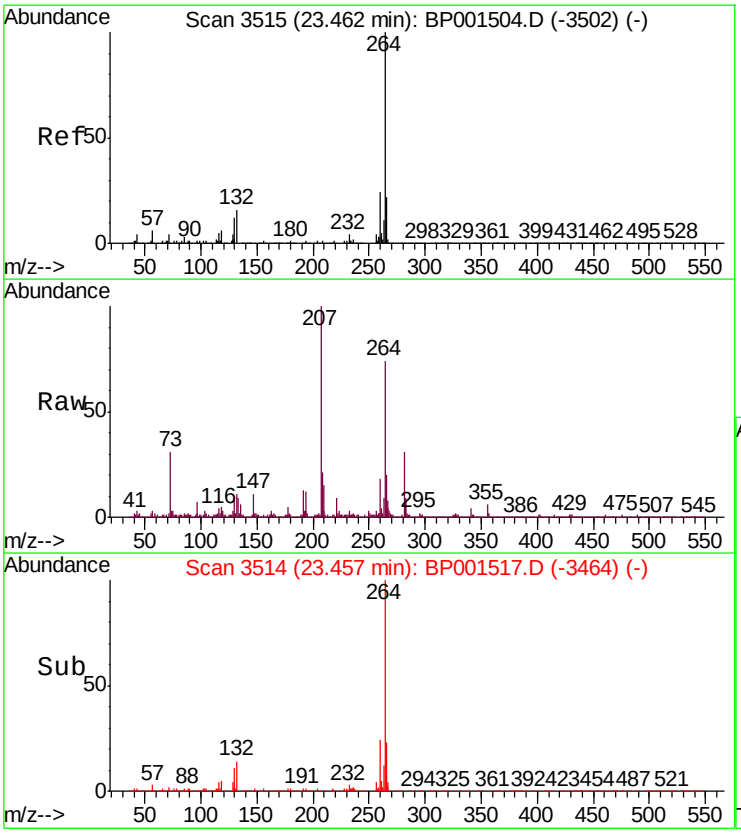
#86
Indeno(1,2,3-cd)pyrene
Concen: 16.077 ng
RT: 25.75 min Scan# 3904
Delta R.T. -0.02 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tgt Ion:276 Resp: 362146

Ion	Ratio	Lower	Upper
276	100		
138	19.0	17.8	26.8
277	24.8	20.0	30.0

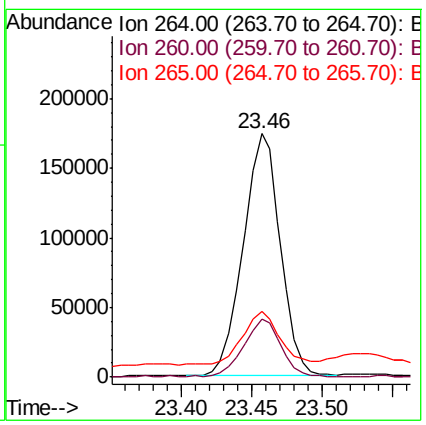


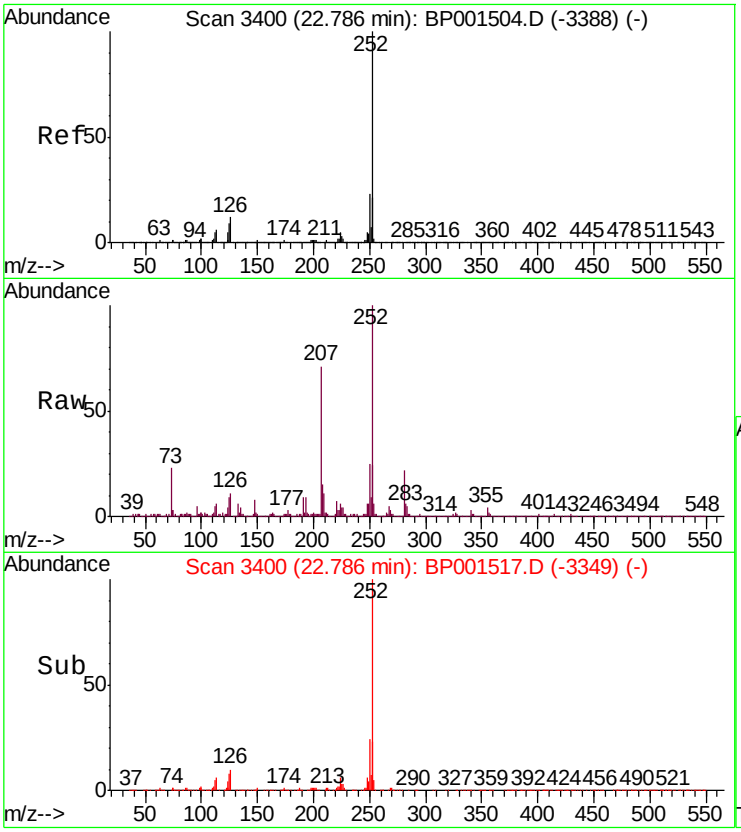


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion:264 Resp: 320973

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.4
265	26.8	17.2	25.8#



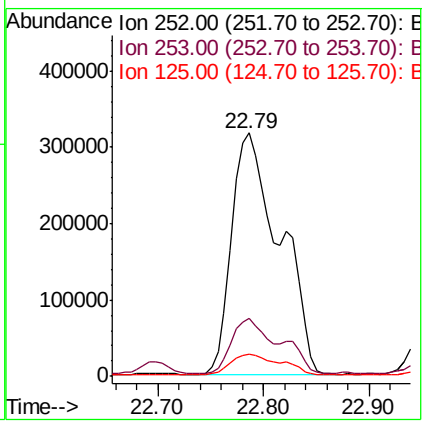


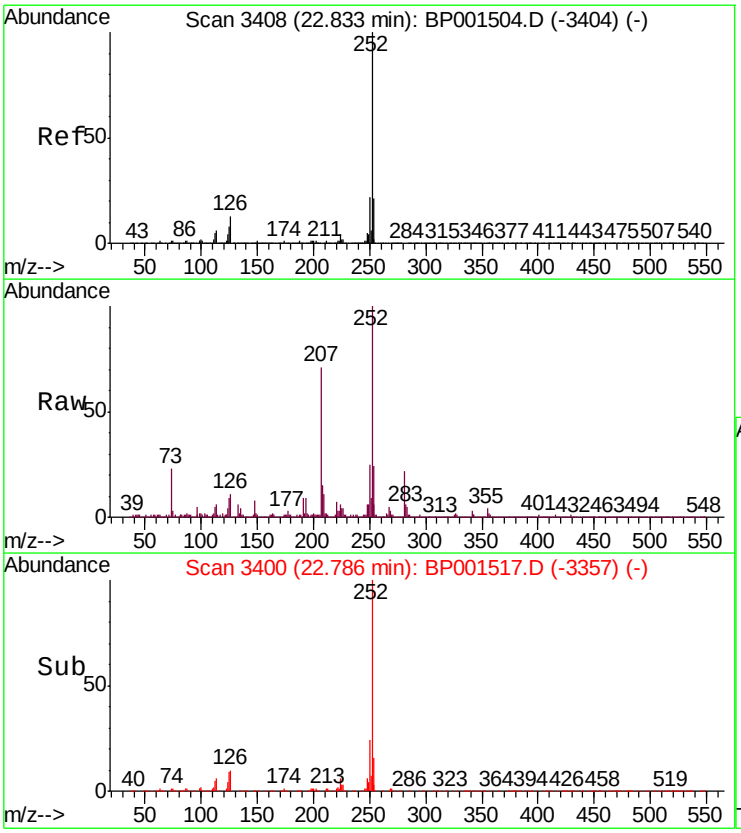
#88
Benzo(b)fluoranthene
Concen: 50.230 ng
RT: 22.79 min Scan# 3400
Delta R.T. 0.00 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tgt Ion:252 Resp: 998272

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	9.0	7.2	10.8

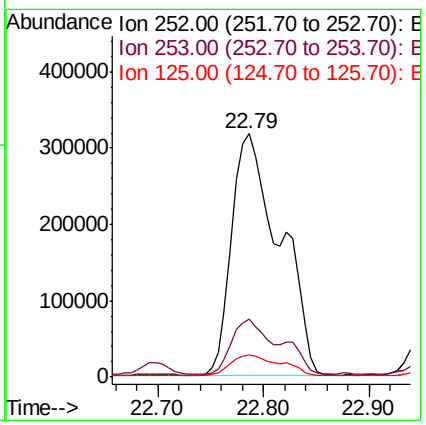


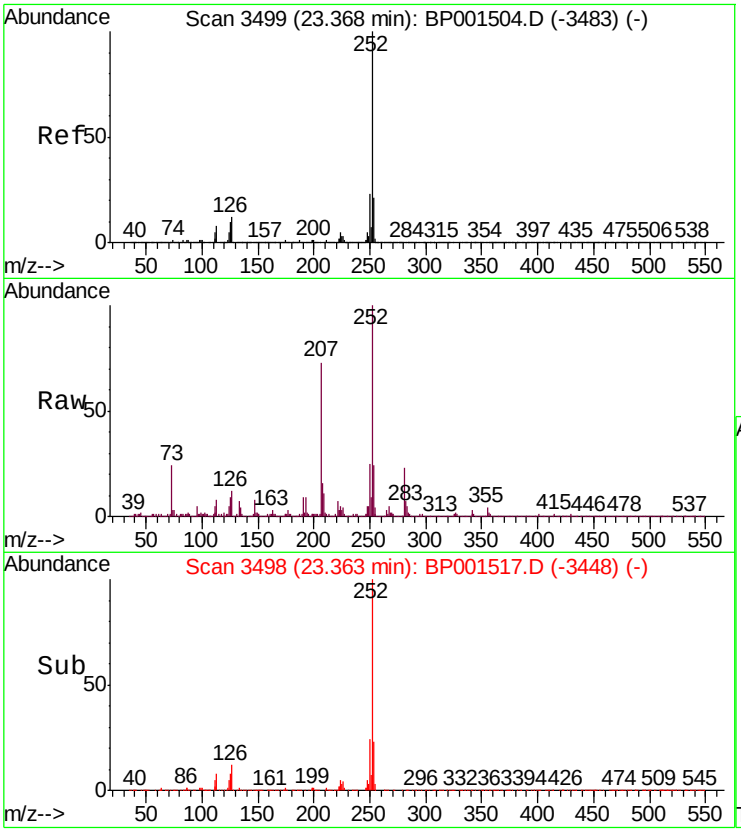


#89
Benzo(k)fluoranthene
Concen: 52.438 ng
RT: 22.79 min Scan# 3400
Delta R.T. -0.05 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion:252 Resp: 998272

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	9.0	6.6	10.0



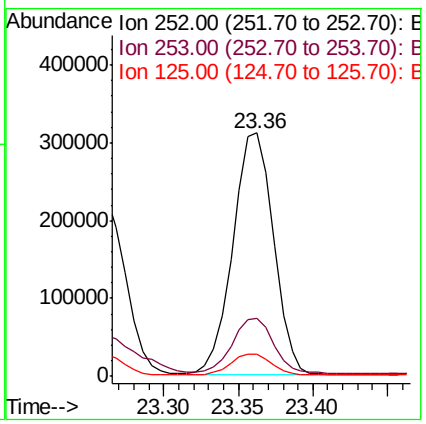


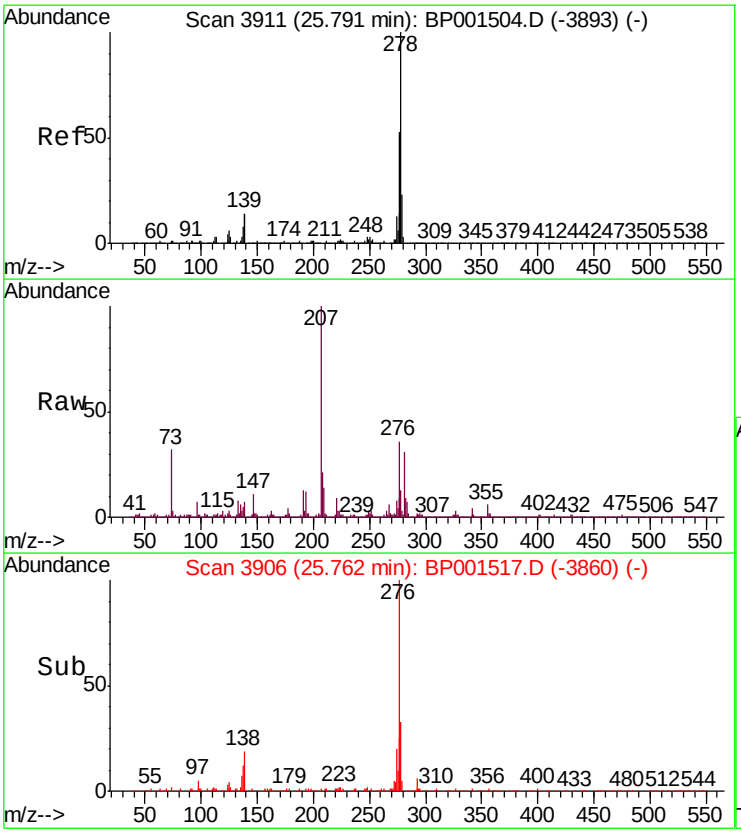
#90
Benzo(a)pyrene
Concen: 31.565 ng
RT: 23.36 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tgt Ion:252 Resp: 587215

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	8.9	7.7	11.5

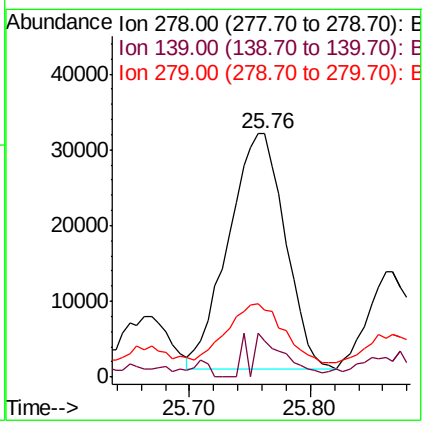


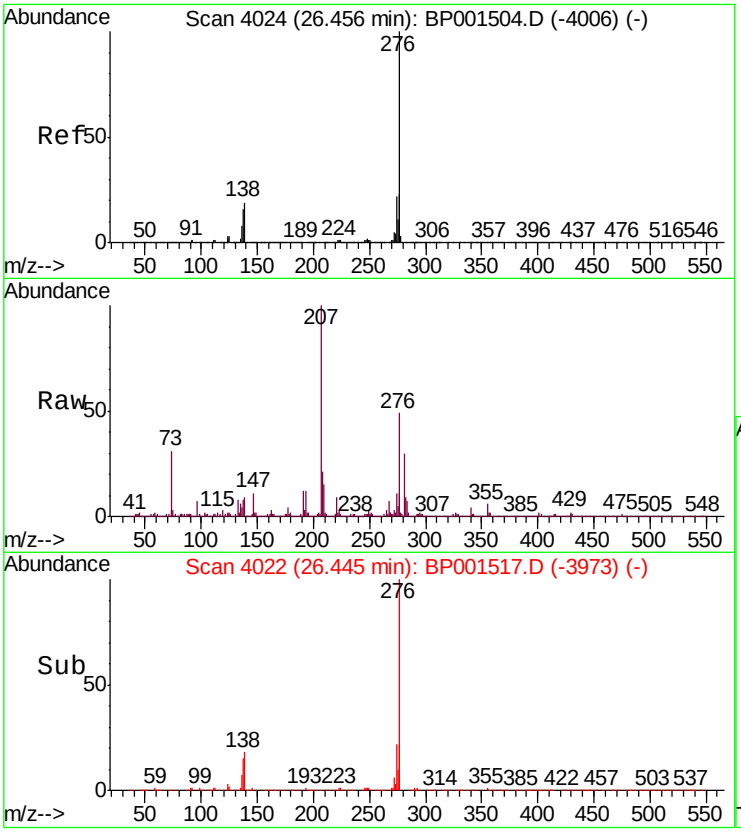


#91
Dibenzo(a,h)anthracene
Concen: 5.450 ng
RT: 25.76 min Scan# 3906
Delta R.T. -0.03 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Tgt Ion:278 Resp: 100772

Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.3	16.9
279	27.4	18.2	27.2#





#92
Benzo(g,h,i)perylene
Concen: 19.905 ng
RT: 26.44 min Scan# 4022
Delta R.T. -0.01 min
Lab File: BP001517.D
Acq: 03 Jan 2020 20:39

Instrument :
BNA_P
ClientSampleId :
MC-123119-2-5-COMP-B6

Tgt Ion:276 Resp: 367071

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.7	28.1
138	18.3	15.0	22.4