Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002780.D
Acq On : 16 Jul 2020 19:37
Operator : CG/JU
Sample : L3310-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-1

Quant Time: Jul 17 00:29:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	232711	20.00	ng		0.00
21) Naphthalene-d8	10.33	136	951700	20.00	ng		0.00
39) Acenaphthene-d10	14.21	164	520938	20.00	ng		0.00
64) Phenanthrene-d10	16.97	188	850502	20.00	ng		0.00
76) Chrysene-d12	21.08	240	578454	20.00	ng		0.00
86) Perylene-d12	23.27	264	597772	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	976294	70.78	ng		0.00
7) Phenol-d6	6.76	99	1328577	67.49	ng		0.00
23) Nitrobenzene-d5	8.70	82	876142	49.24	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	352500	64.82	ng		0.00
45) 2-Fluorobiphenyl	12.82	172	1691580	50.23	ng		0.00
79) Terphenyl-d14	19.56	244	1299508	51.51	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.71	77	30114	2.816	ng		96
31) Naphthalene	10.38	128	166117	3.306	ng		99
32) Benzoic acid	9.70	122	470	7.100	ng	#	72
41) Hexachlorocyclopentadiene	12.42	237	19	7.437	ng		77
49) Acenaphthylene	13.93	152	181292	3.646	ng		98
50) Dimethylphthalate	13.67	163	632669	15.925	ng		99
54) 2,4-Dinitrophenol	14.35	184	79	11.388	ng	#	1
55) Dibenzofuran	14.62	168	112402	2.358	ng		97
56) 4-Nitrophenol	14.62	139	39671	9.851	ng	#	10
58) Fluorene	15.27	166	140841	3.993	ng		97
65) 4,6-Dinitro-2-methylphenol	15.37	198	25	5.271	ng	#	1
70) Pentachlorophenol	16.59	266	25	7.446	ng		96
71) Phenanthrene	17.01	178	1519670	33.001	ng		99
72) Anthracene	17.10	178	244653	5.414	ng		99
73) Carbazole	17.38	167	160175	3.612	ng		98
75) Fluoranthene	19.00	202	1639028	30.718	ng		99
78) Pyrene	19.35	202	1283628	32.140	ng		99
81) Benzo(a)anthracene	21.06	228	495664	13.237	ng		97
83) Chrysene	21.12	228	545220	15.296	ng		98
87) Indeno(1,2,3-cd)pyrene	25.47	276	359574	8.323	ng		96
88) Benzo(b)fluoranthene	22.62	252	736862	19.852	ng		99
89) Benzo(k)fluoranthene	22.62	252	736862	20.154	ng		99
90) Benzo(a)pyrene	23.17	252	522003	14.840	ng		100
91) Dibenzo(a,h)anthracene	25.47	278	89600	2.572	ng	#	80
92) Benzo(g,h,i)perylene	26.15	276	352618	9.981	ng		99

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

Quantitation Report (Not Reviewed)

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Acq On : 16 Jul 2020 19:37
Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-1

Quant Time: Jul 17 00:29:47 2020
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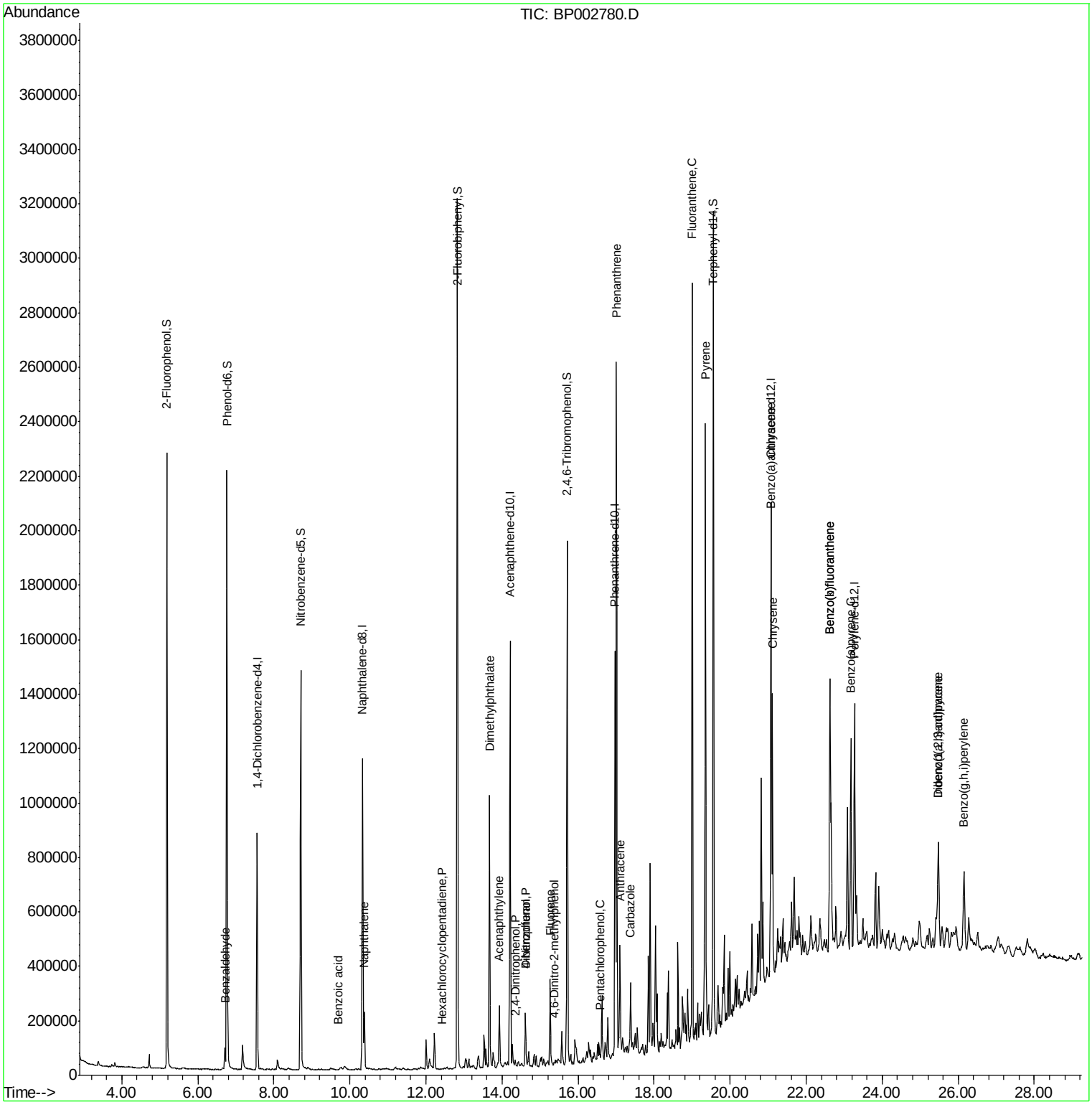
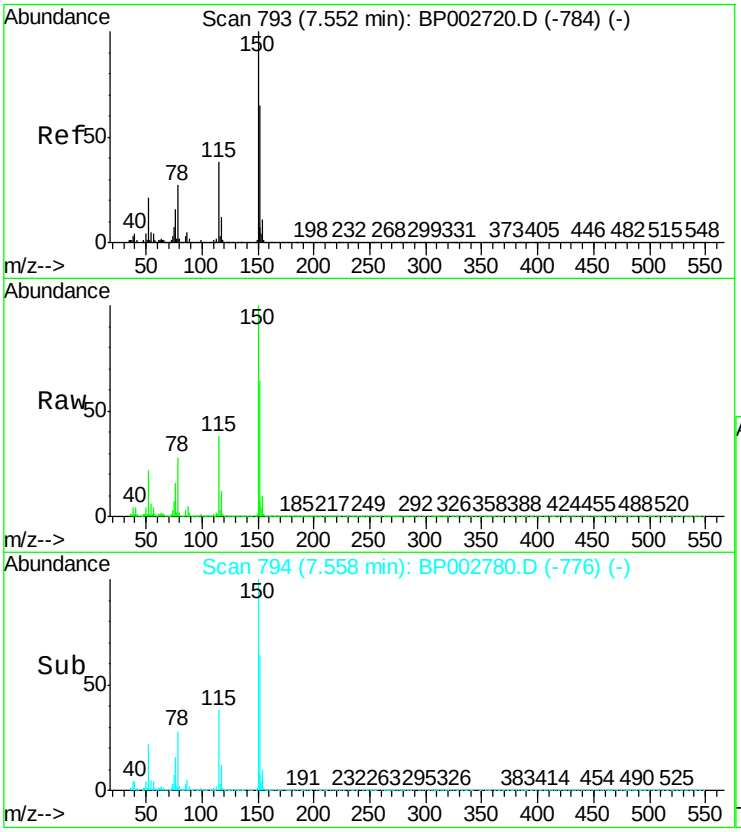
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration



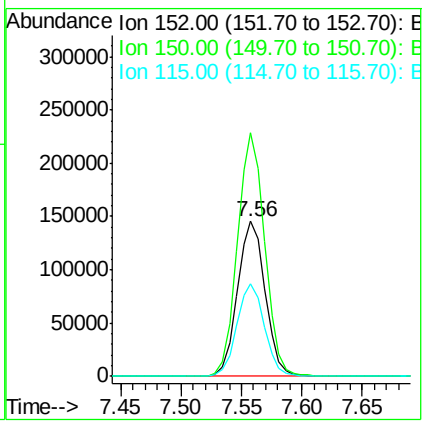


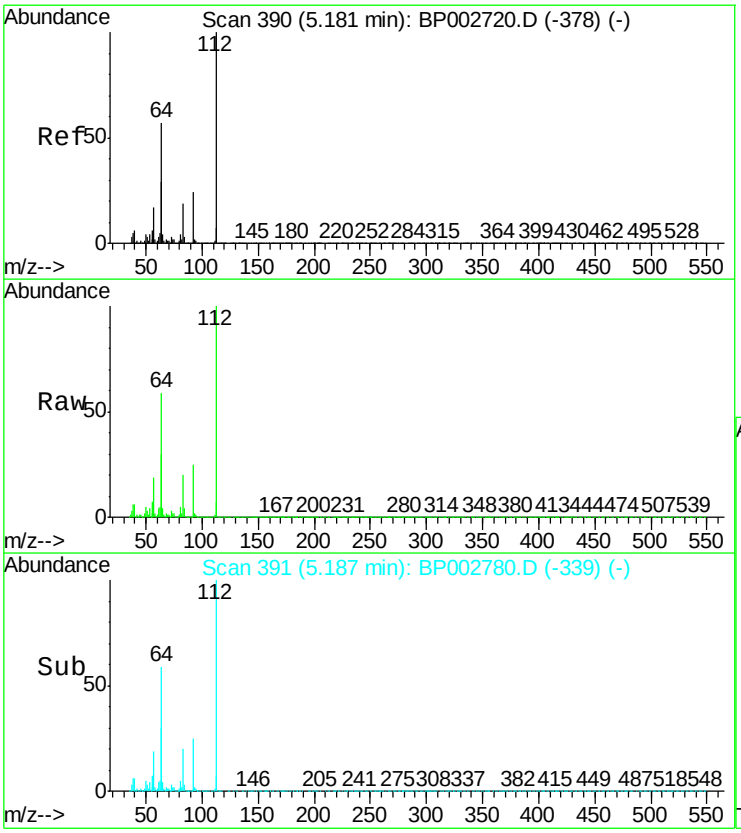
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion:152 Resp: 232711

Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.7	185.5
115	60.0	47.2	70.8

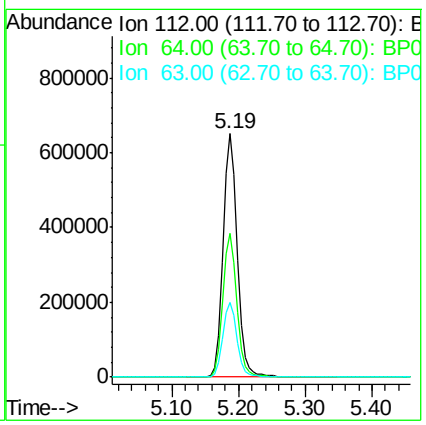


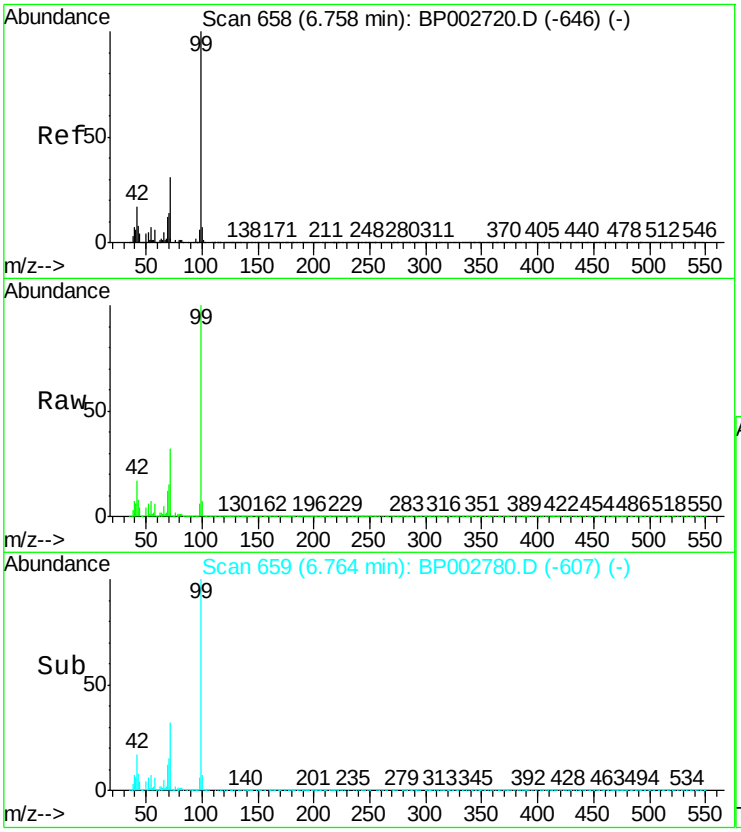


#5
2-Fluorophenol
Concen: 70.783 ng
RT: 5.19 min Scan# 391
Delta R.T. 0.01 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Tgt Ion:112 Resp: 976294

Ion	Ratio	Lower	Upper
112	100		
64	58.9	45.6	68.4
63	30.4	23.5	35.3



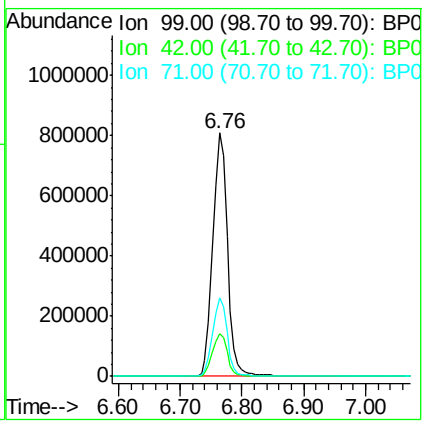


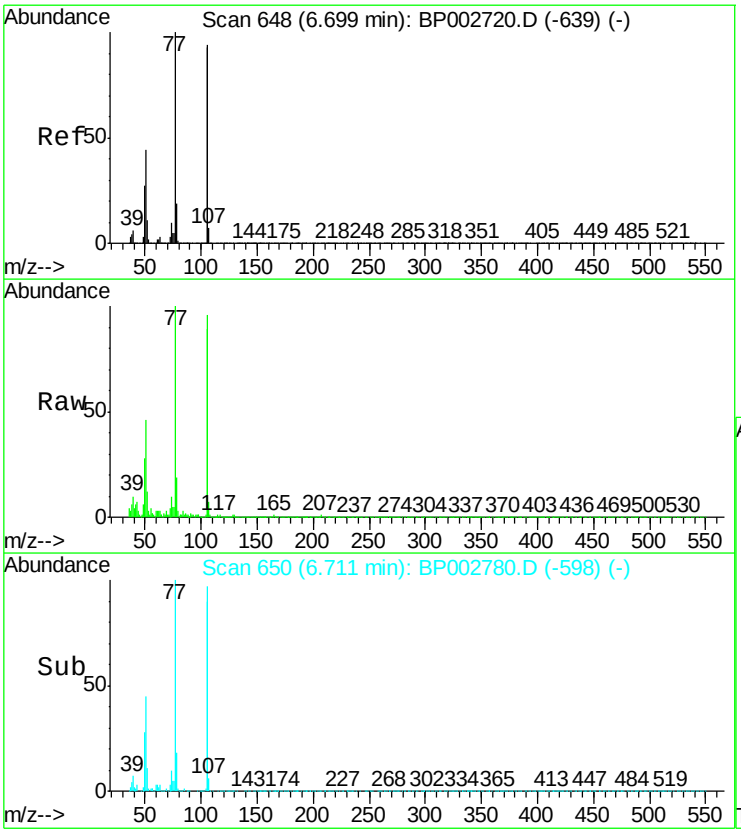
#7
Phenol-d6
Concen: 67.493 ng
RT: 6.76 min Scan# 659
Delta R.T. 0.01 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion: 99 Resp: 1328577

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.4	20.2
71	32.3	24.6	36.8

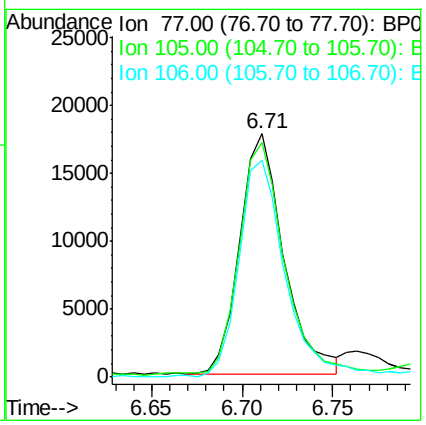


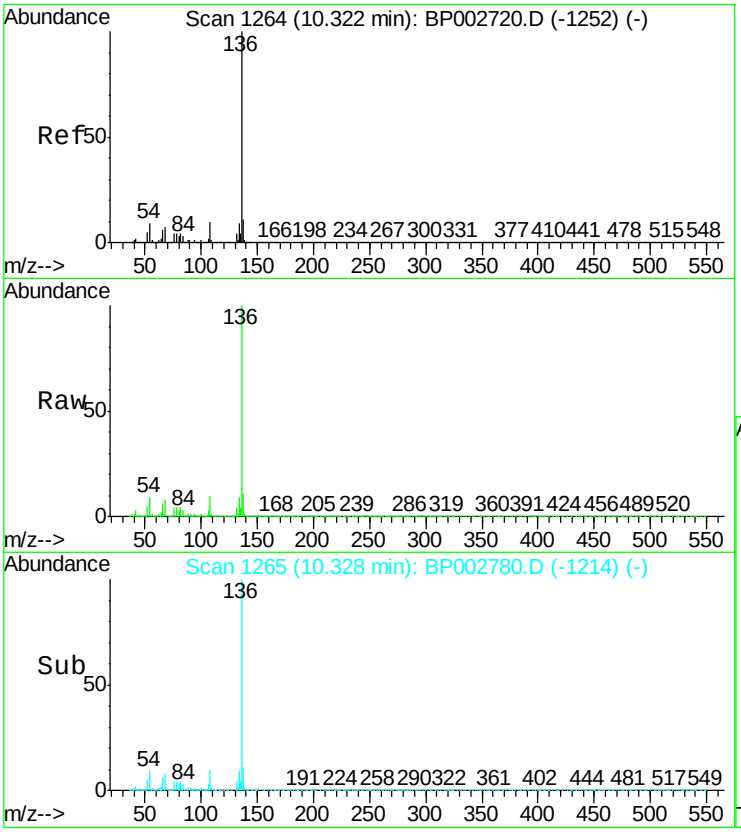


#9
Benzaldehyde
Concen: 2.816 ng
RT: 6.71 min Scan# 650
Delta R.T. 0.01 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Tgt Ion: 77 Resp: 30114

Ion	Ratio	Lower	Upper
77	100		
105	96.2	73.2	113.2
106	89.0	73.6	113.6



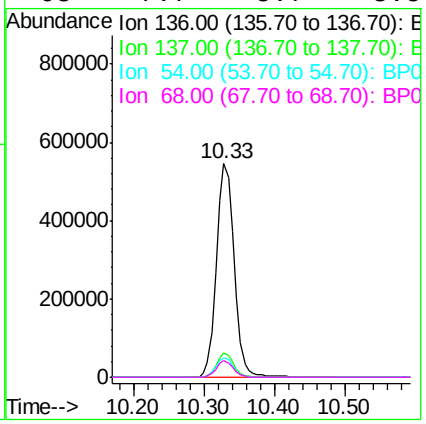


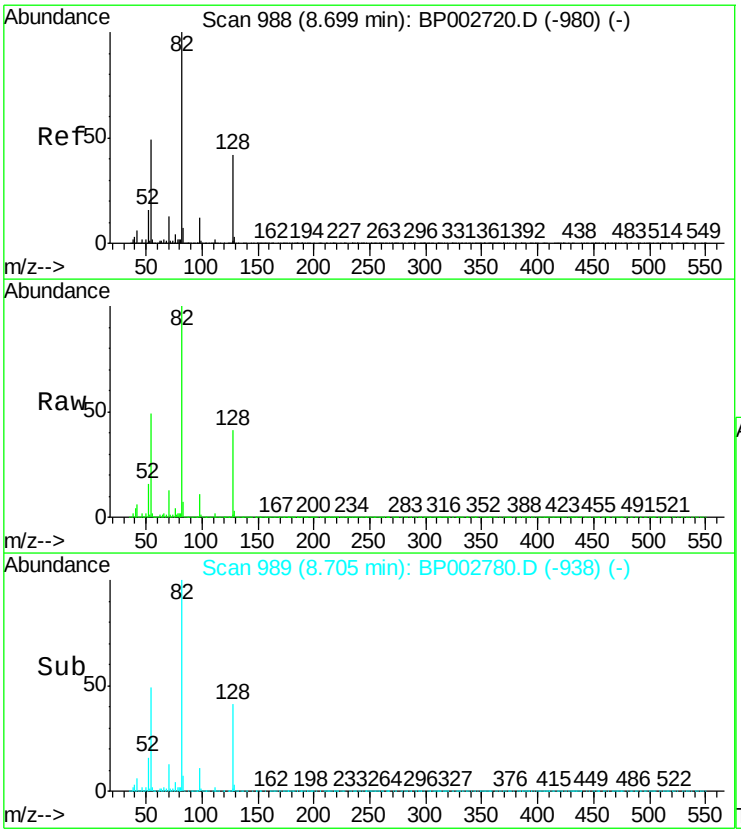
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion:136 Resp: 951700

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.2	6.9	10.3
68	7.7	5.7	8.5

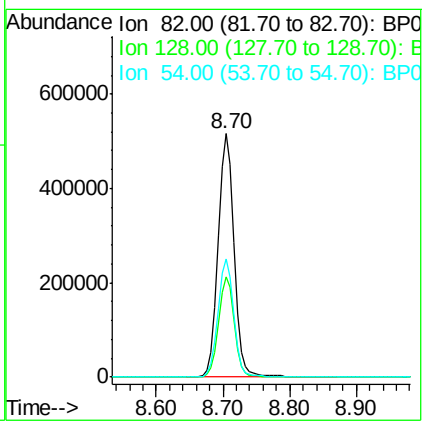


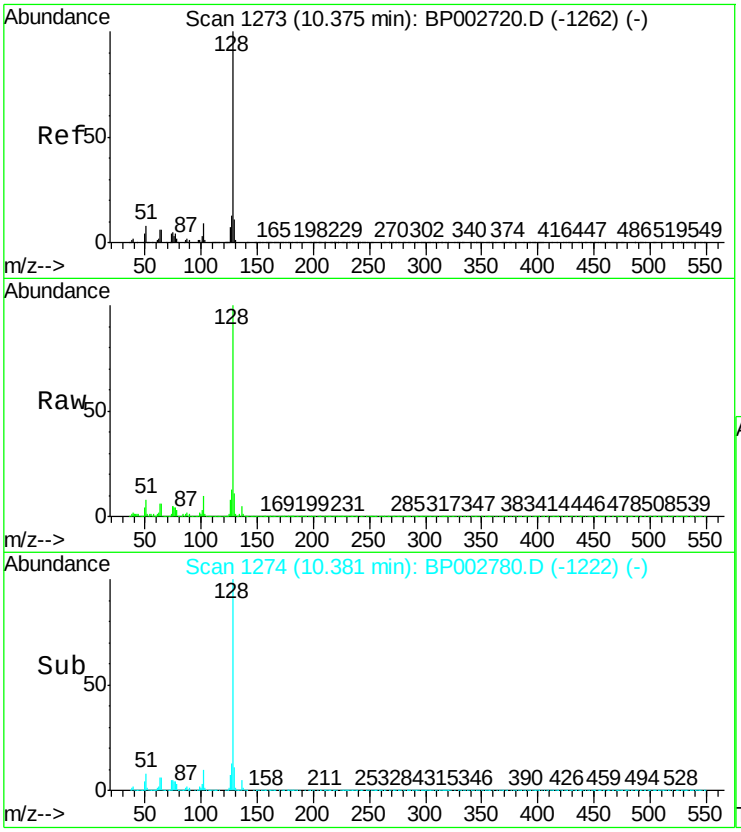


#23
Nitrobenzene-d5
Concen: 49.237 ng
RT: 8.70 min Scan# 989
Delta R.T. 0.00 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Tgt Ion: 82 Resp: 876142

Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.8	50.8
54	48.7	38.8	58.2



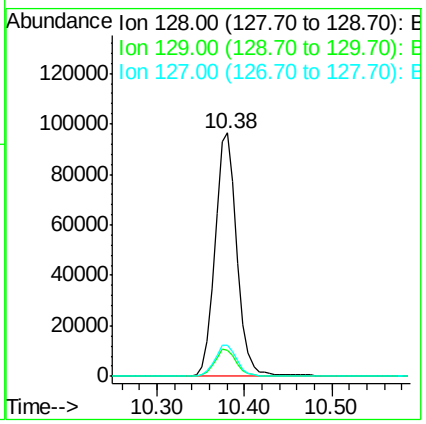


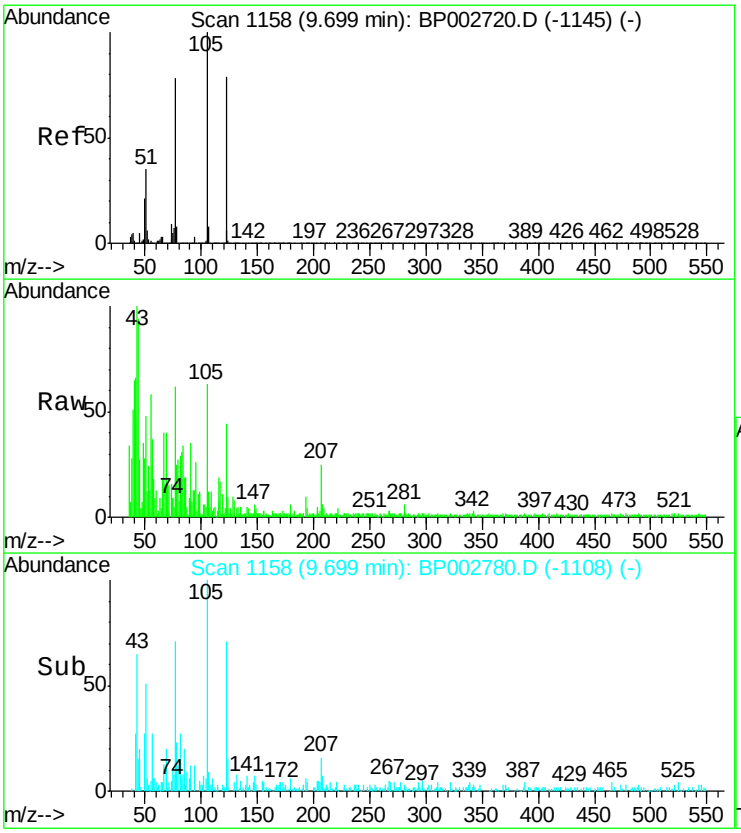
#31
Naphthalene
Concen: 3.306 ng
RT: 10.38 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion:128 Resp: 166117

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	12.6	10.6	15.8

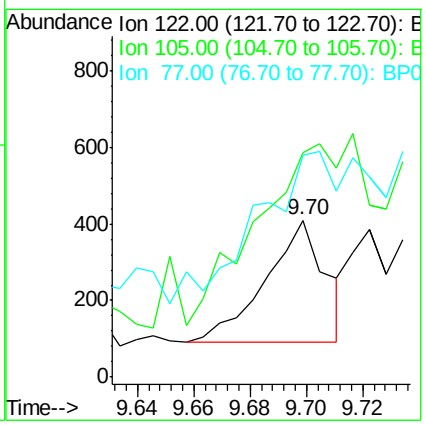


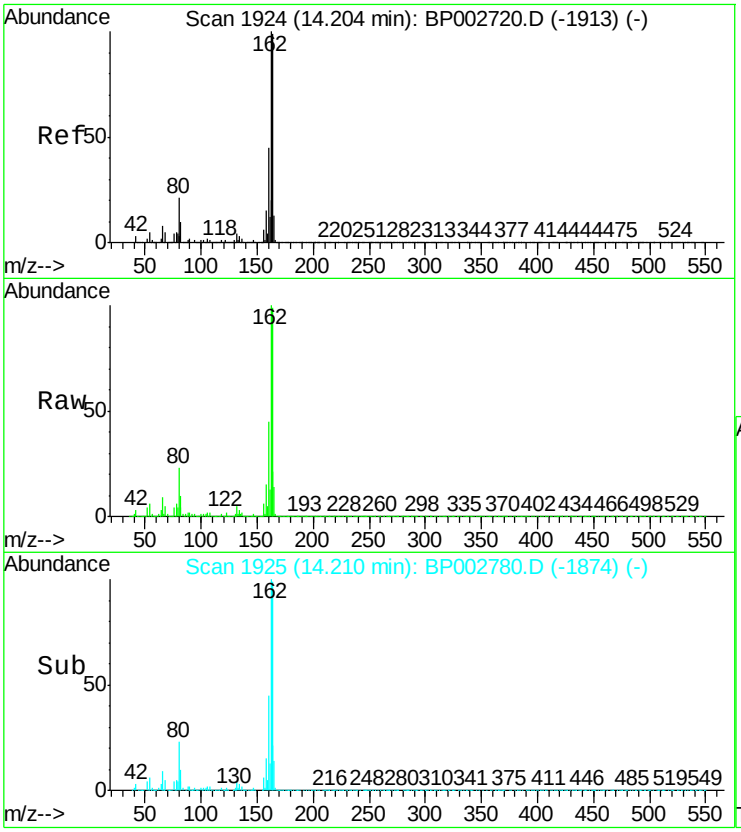


#32
Benzoic acid
Concen: 7.100 ng
RT: 9.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Tgt Ion:122 Resp: 470

Ion	Ratio	Lower	Upper
122	100		
105	142.9	105.4	145.4
77	141.5	78.5	118.5#



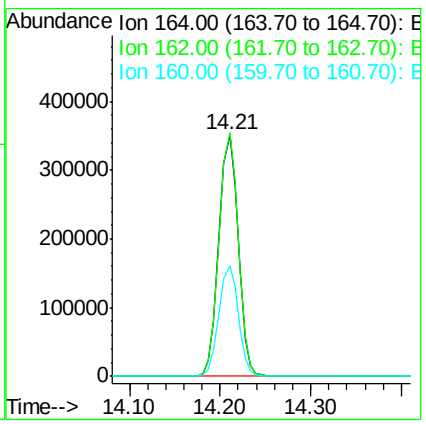


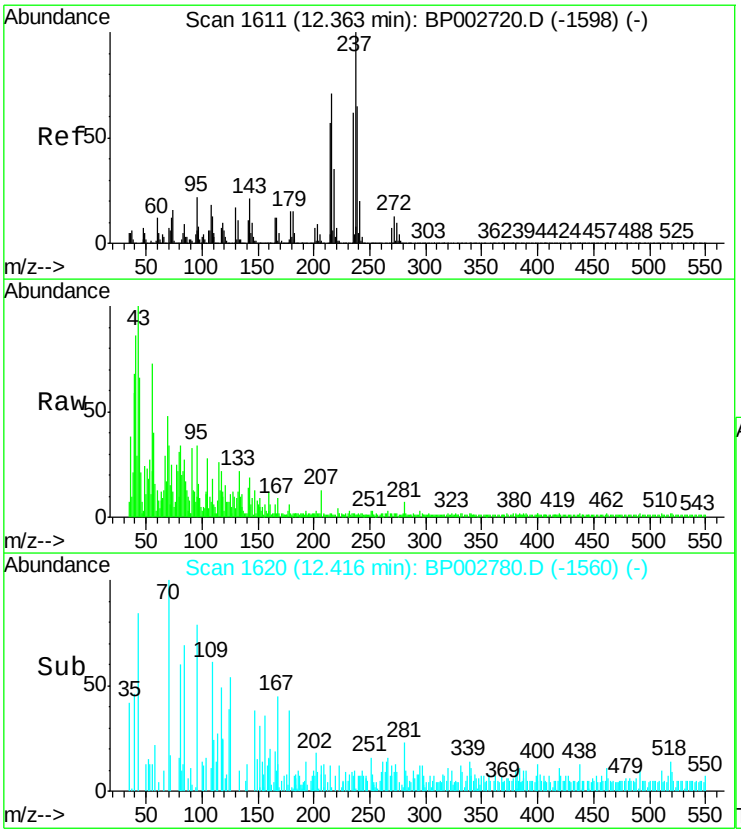
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.21 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion:164 Resp: 520938

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	121.0
160	45.8	36.4	54.6

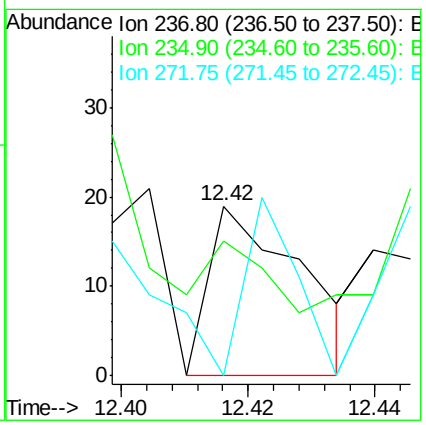


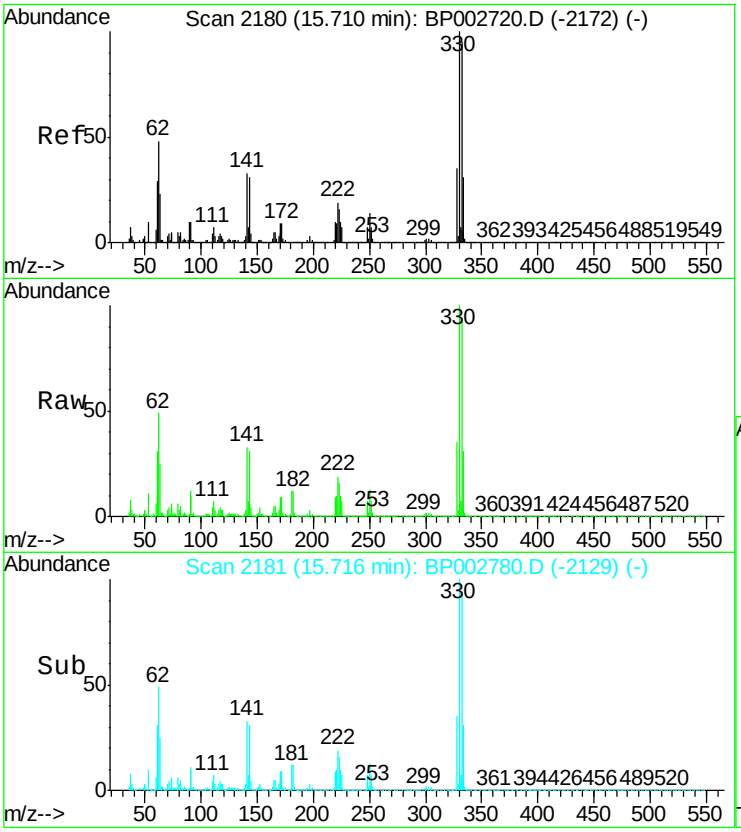


#41
Hexachlorocyclopentadiene
Concen: 7.437 ng
RT: 12.42 min Scan# 1620
Delta R.T. 0.05 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Tgt Ion:237 Resp: 19

Ion	Ratio	Lower	Upper
237	100		
235	78.9	42.3	82.3
272	0.0	0.0	32.5



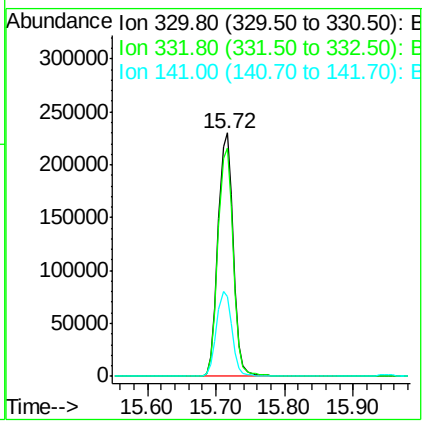


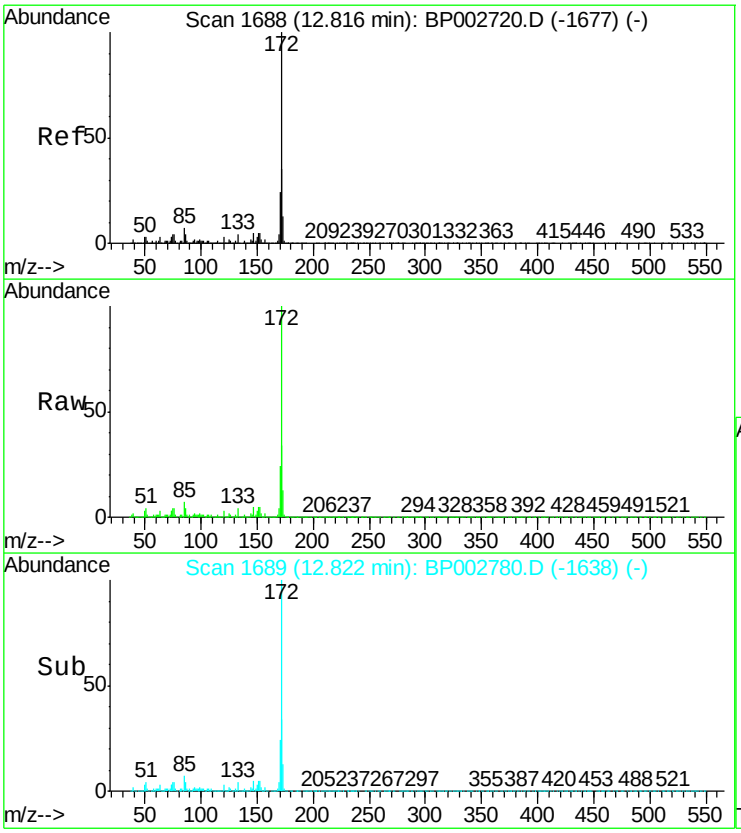
#42
2,4,6-Tribromophenol
Concen: 64.824 ng
RT: 15.72 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion:330 Resp: 352500

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.5	114.7
141	35.0	28.8	43.2

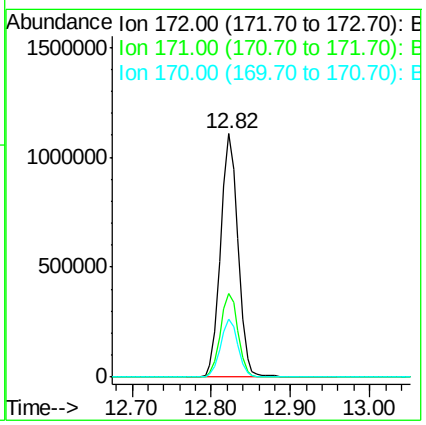


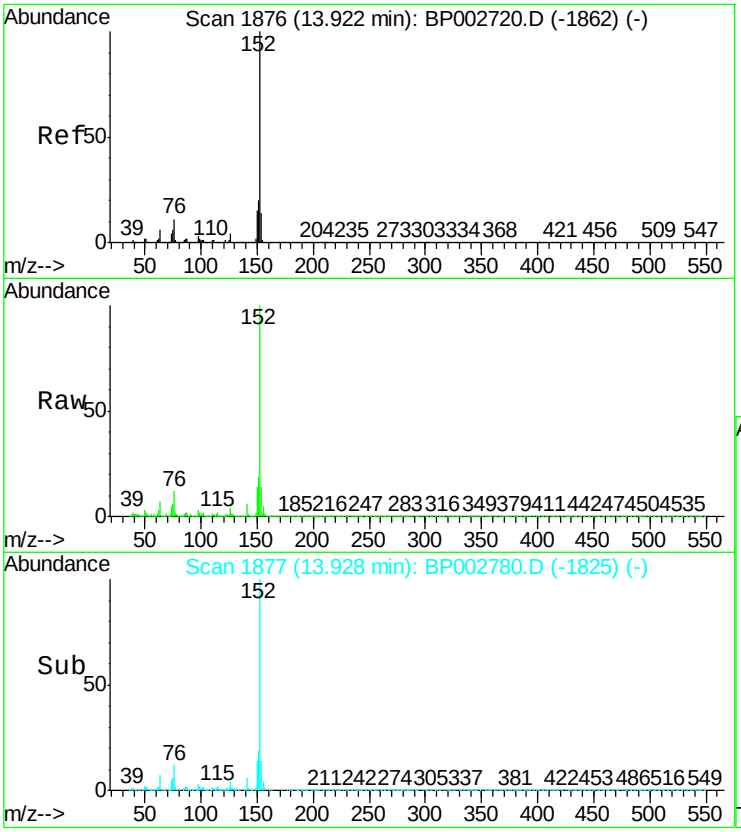


#45
2-Fluorobiphenyl
Concen: 50.233 ng
RT: 12.82 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Tgt Ion:172 Resp: 1691580

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.1	42.1
170	23.8	19.3	28.9



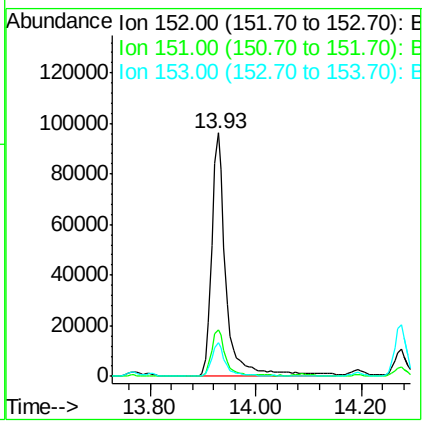


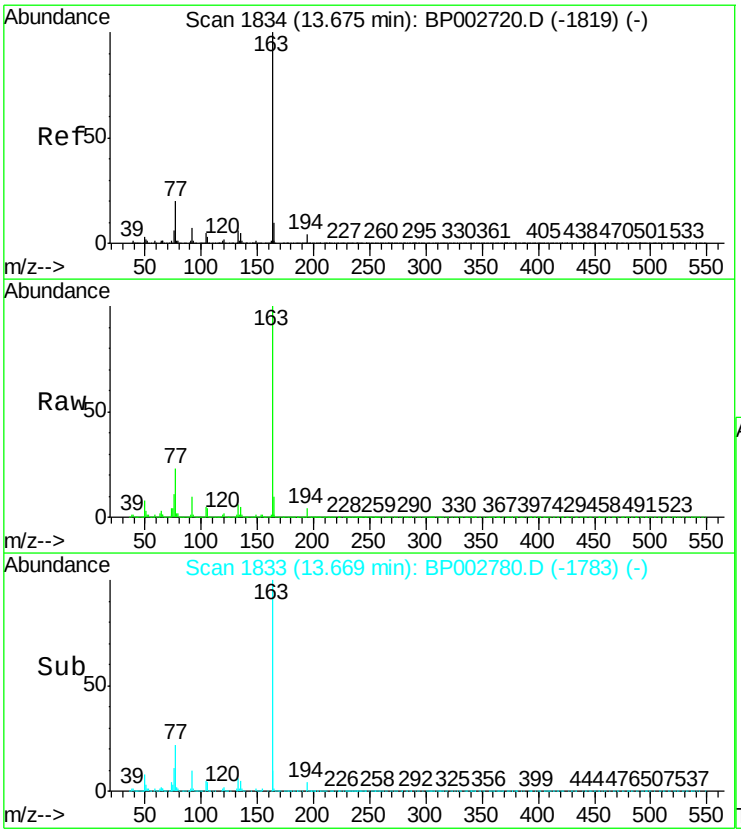
#49
Acenaphthylene
Concen: 3.646 ng
RT: 13.93 min Scan# 1877
Delta R.T. 0.01 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion:152 Resp: 181292

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.4
153	13.9	10.9	16.3

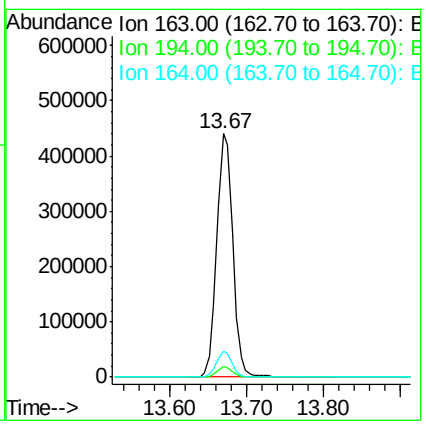


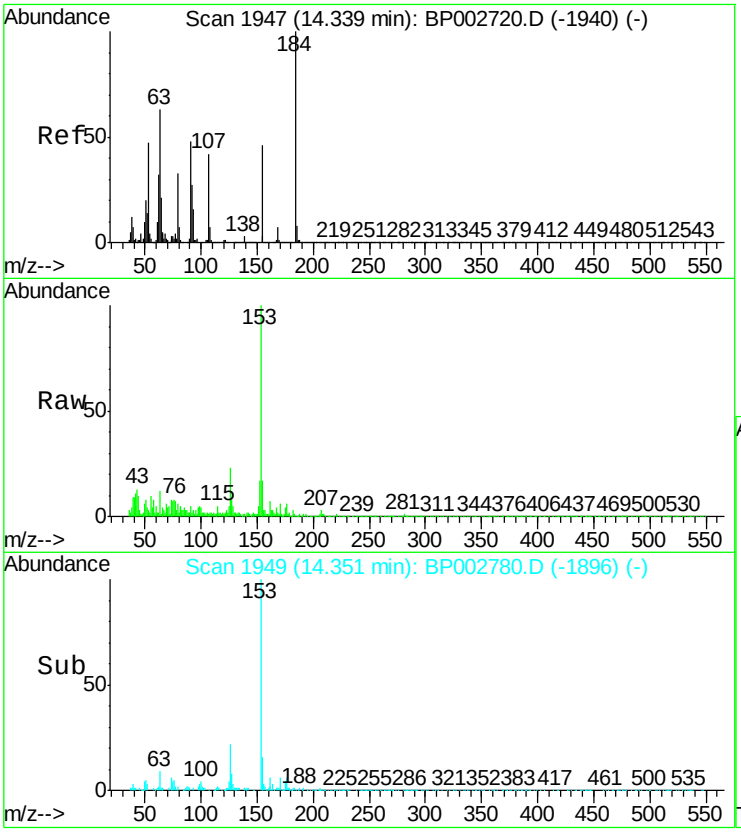


#50
Dimethylphthalate
Concen: 15.925 ng
RT: 13.67 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Tgt Ion:163 Resp: 632669

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.4	7.8	11.8



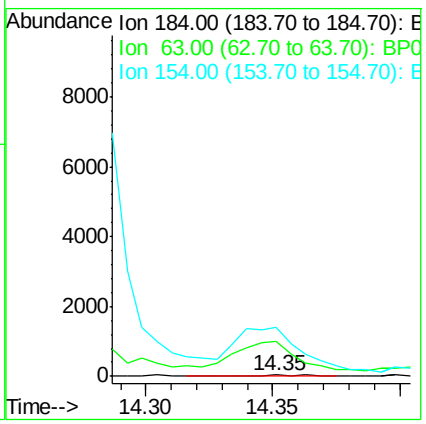


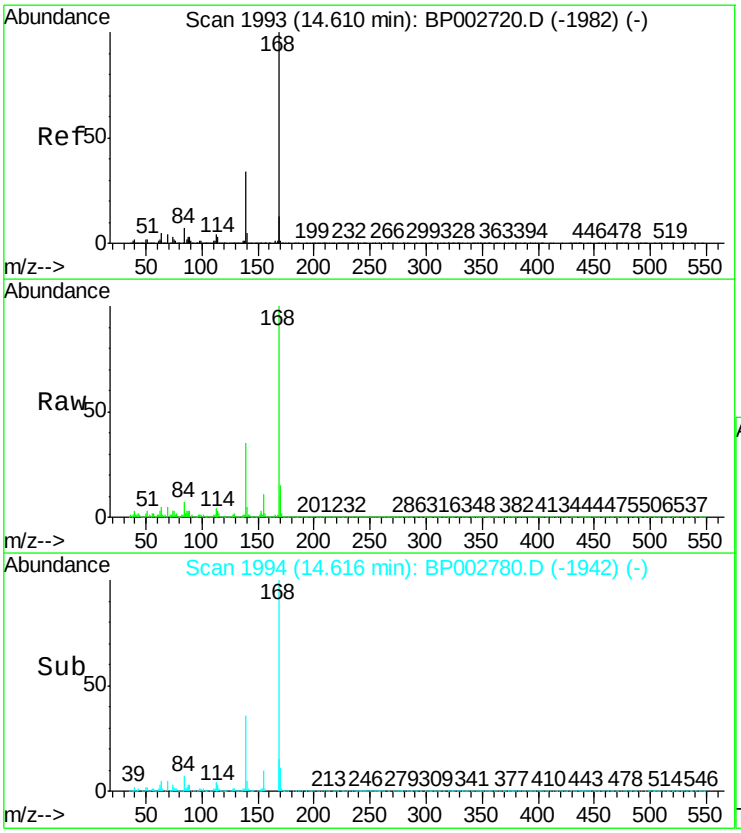
#54
2,4-Dinitrophenol
Concen: 11.388 ng
RT: 14.35 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion:184 Resp: 79

Ion	Ratio	Lower	Upper
184	100		
63	3024.2	51.6	77.4#
154	4209.1	45.0	67.6#

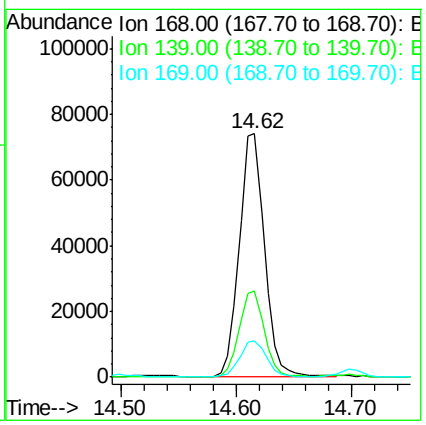


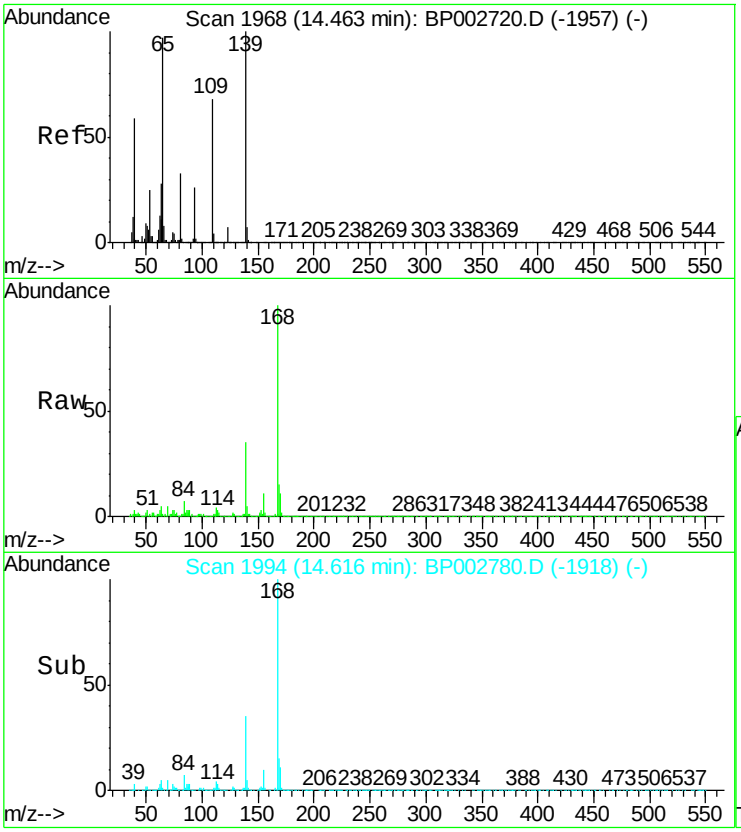


#55
Dibenzofuran
Concen: 2.358 ng
RT: 14.62 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Tgt Ion:168 Resp: 112402

Ion	Ratio	Lower	Upper
168	100		
139	35.4	27.1	40.7
169	15.1	10.8	16.2



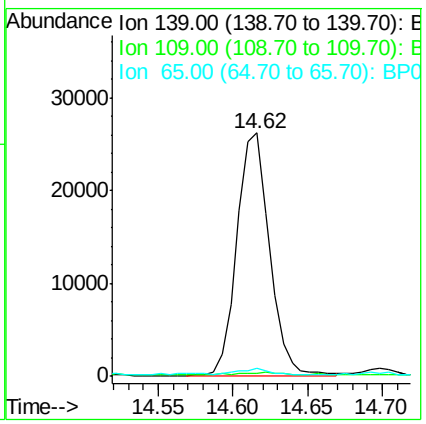


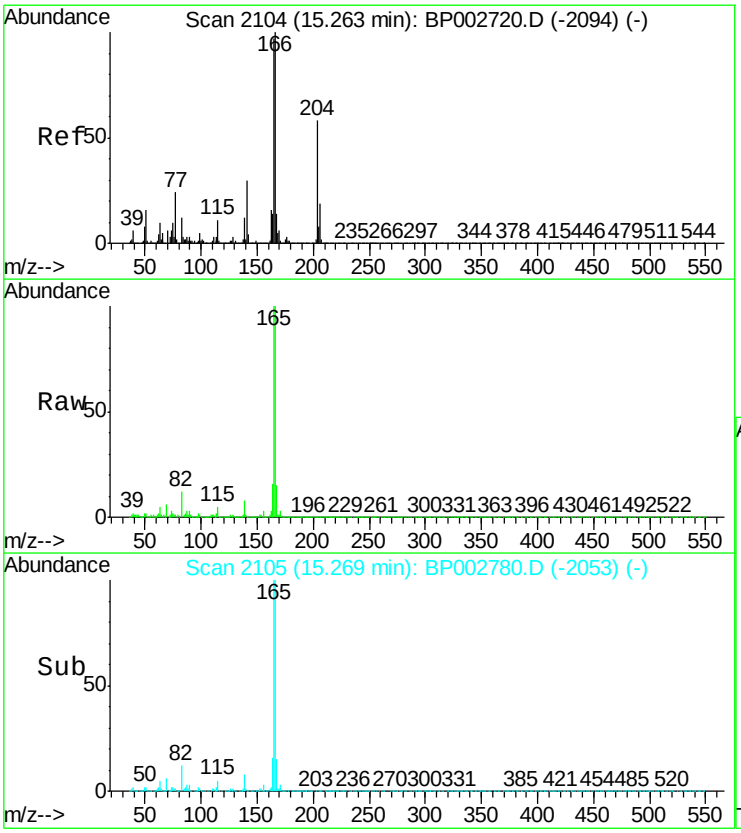
#56
4-Nitrophenol
Concen: 9.851 ng
RT: 14.62 min Scan# 1994
Delta R.T. 0.15 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion:139 Resp: 39671

Ion	Ratio	Lower	Upper
139	100		
109	1.4	48.1	88.1#
65	3.2	77.9	117.9#

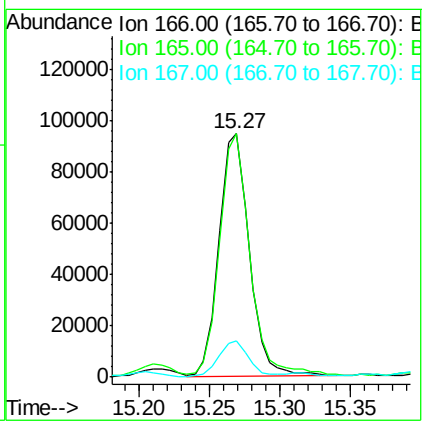


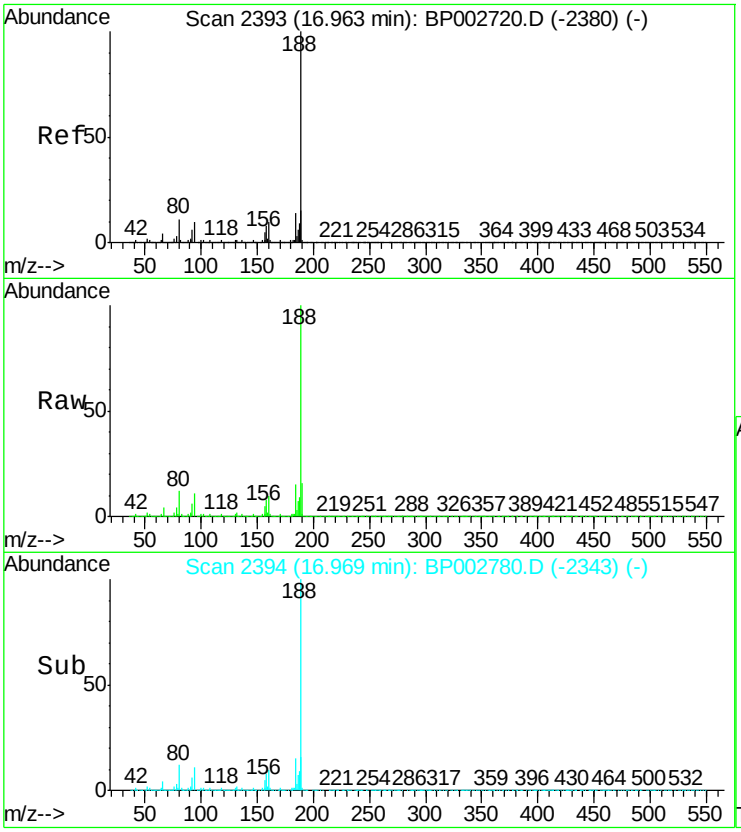


#58
Fluorene
Concen: 3.993 ng
RT: 15.27 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Tgt Ion:166 Resp: 140841

Ion	Ratio	Lower	Upper
166	100		
165	100.1	77.7	116.5
167	15.1	11.0	16.6



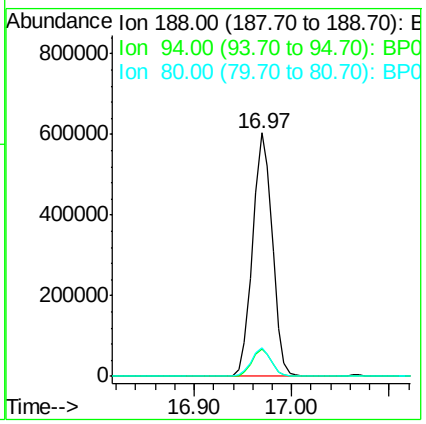


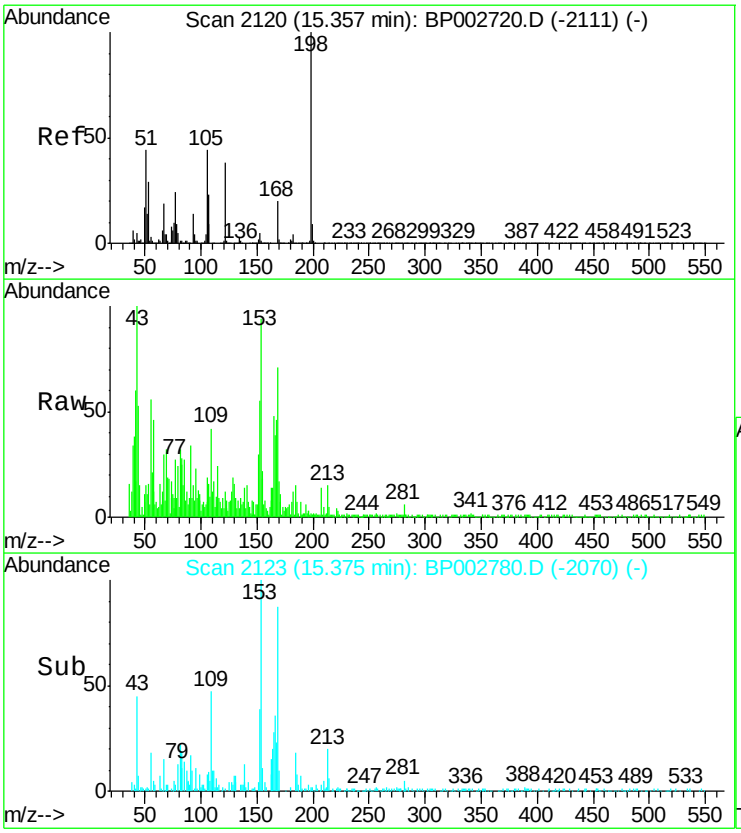
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion:188 Resp: 850502

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.1	12.1
80	12.0	8.9	13.3

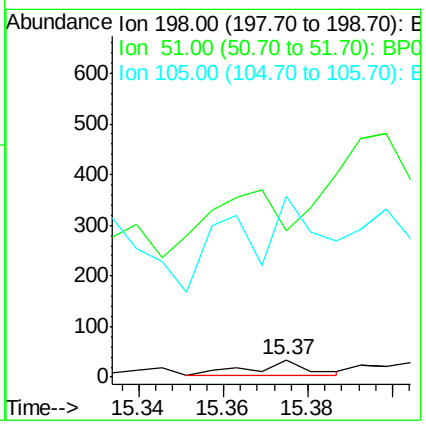


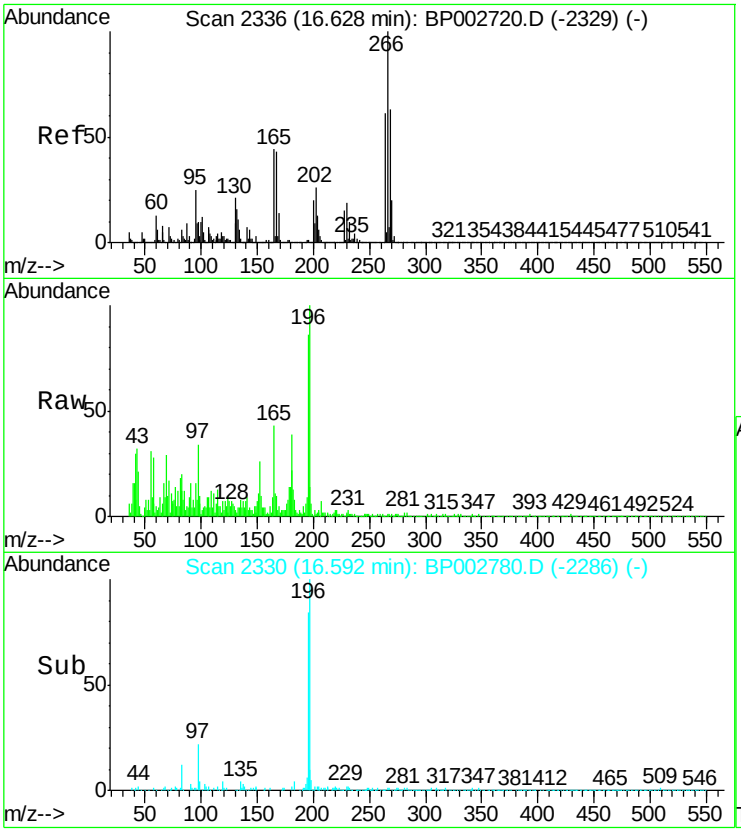


#65
4,6-Dinitro-2-methylphenol
Concen: 5.271 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Tgt Ion:198 Resp: 25

Ion	Ratio	Lower	Upper
198	100		
51	847.1	27.1	67.1#
105	1052.9	24.9	64.9#



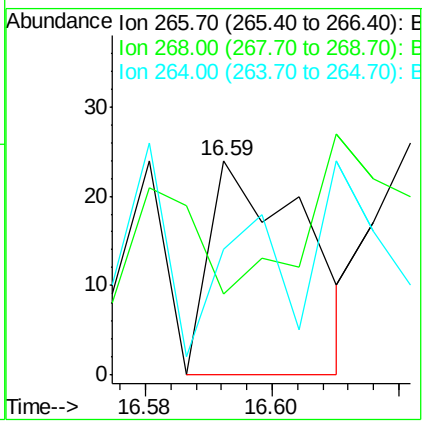


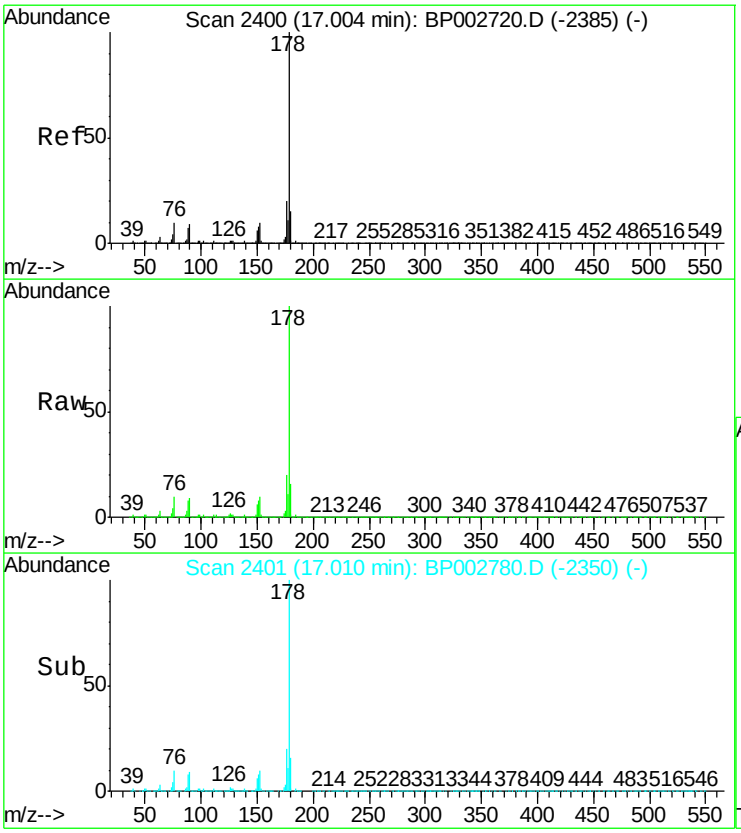
#70
Pentachlorophenol
Concen: 7.446 ng
RT: 16.59 min Scan# 2330
Delta R.T. -0.04 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion:266 Resp: 25

Ion	Ratio	Lower	Upper
266	100		
268	66.7	50.6	75.8
264	58.3	48.6	72.8

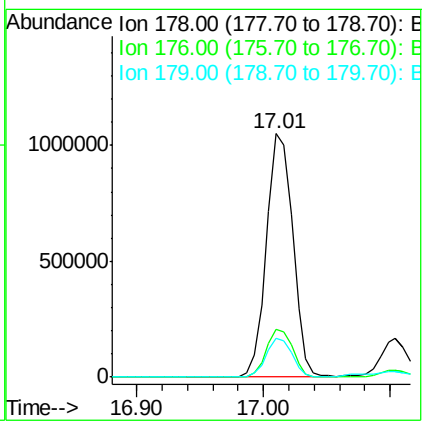


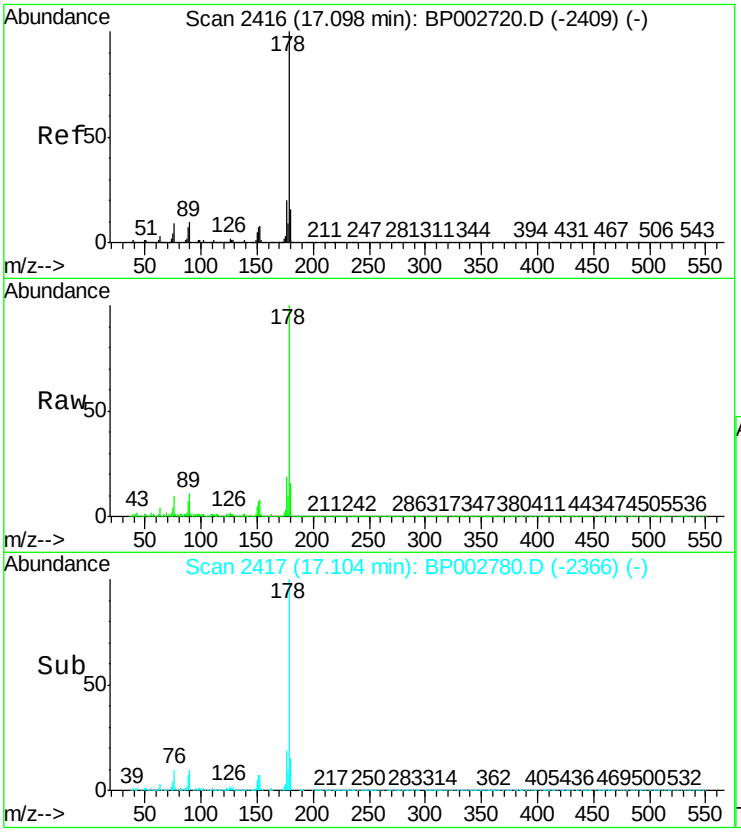


#71
Phenanthrene
Concen: 33.001 ng
RT: 17.01 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Tgt Ion:178 Resp: 1519670

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.8	12.3	18.5



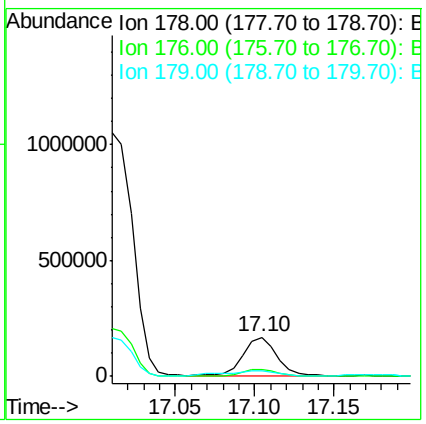


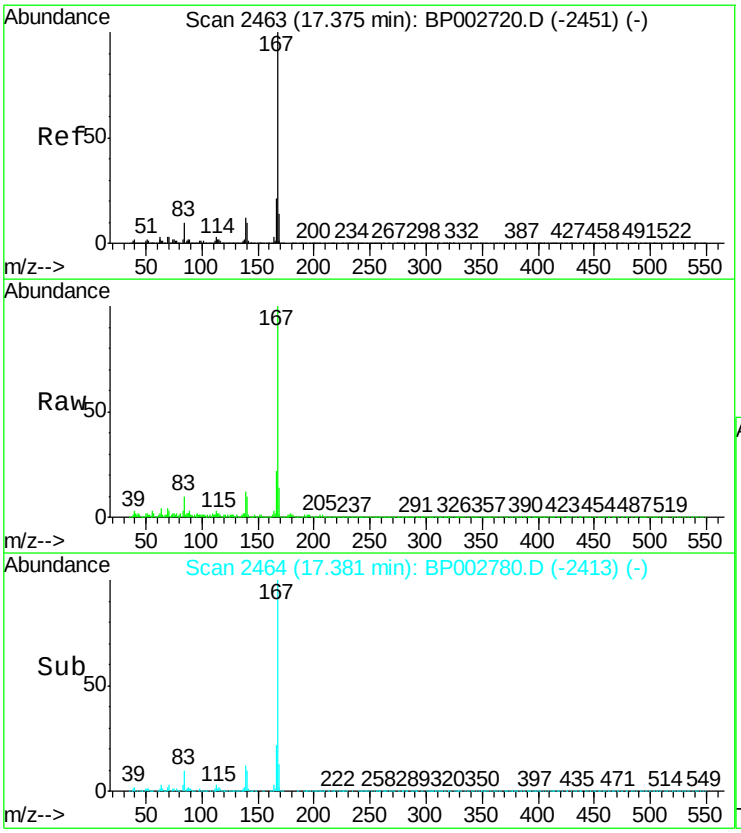
#72
Anthracene
Concen: 5.414 ng
RT: 17.10 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion:178 Resp: 244653

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.5	12.6	19.0

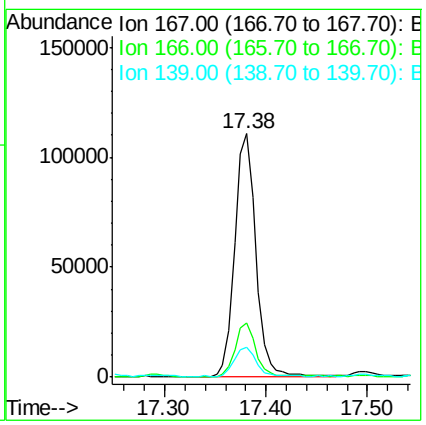


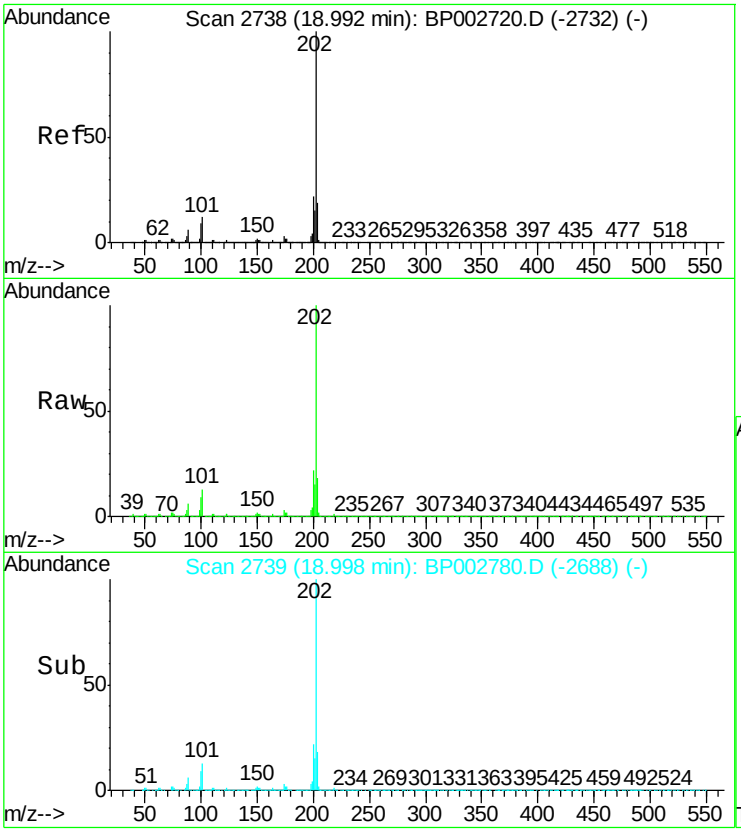


#73
Carbazole
Concen: 3.612 ng
RT: 17.38 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Tgt Ion:167 Resp: 160175

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.1	25.7
139	12.5	9.6	14.4



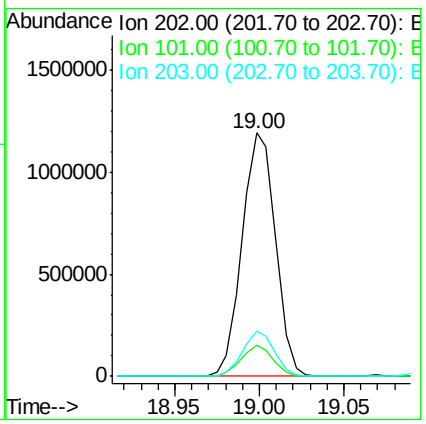


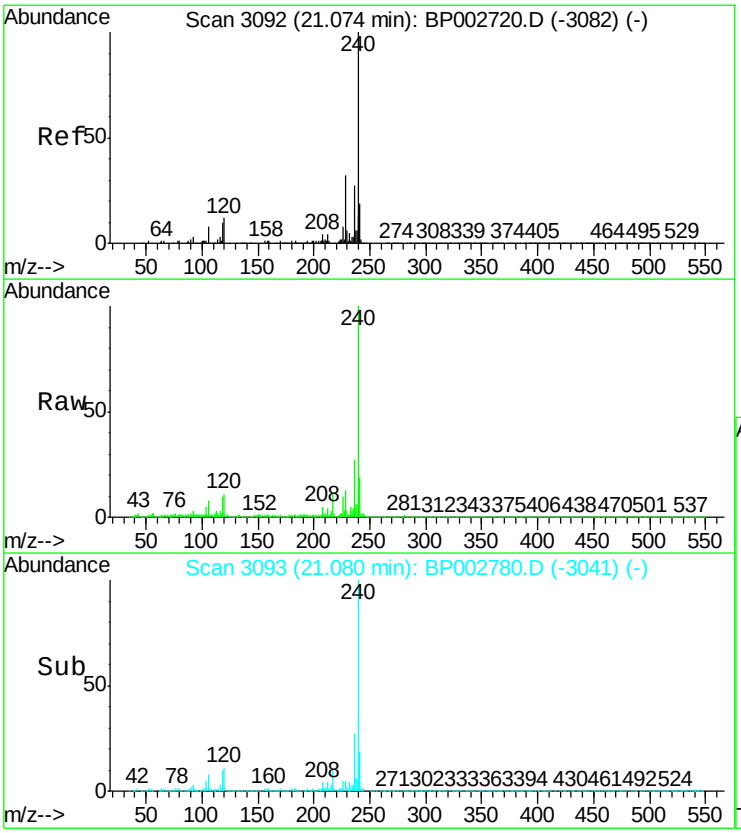
#75
Fluoranthene
Concen: 30.718 ng
RT: 19.00 min Scan# 2739
Delta R.T. 0.00 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion:202 Resp: 1639028

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	32.5
203	18.4	0.0	38.6

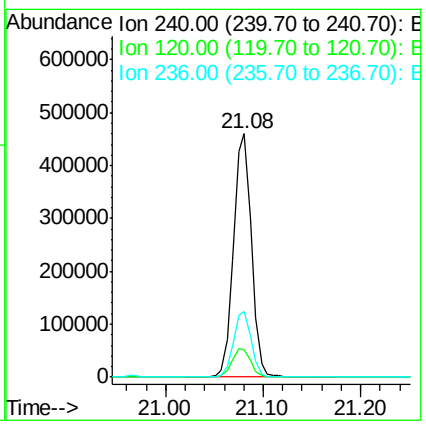


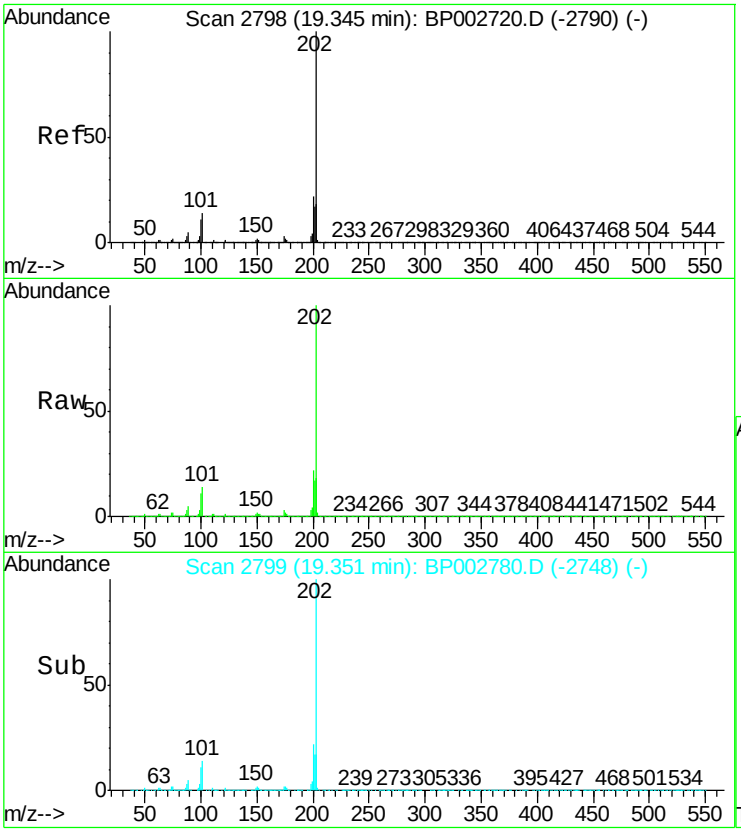


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.08 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Tgt Ion:240 Resp: 578454

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.4	14.2
236	26.8	21.3	31.9



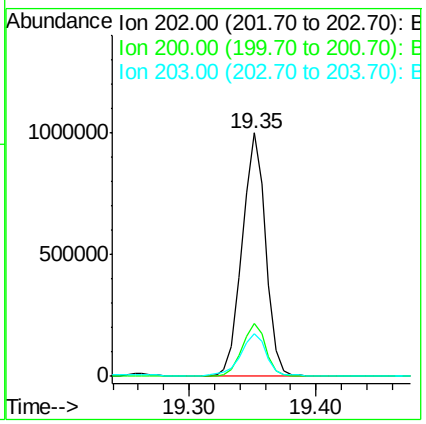


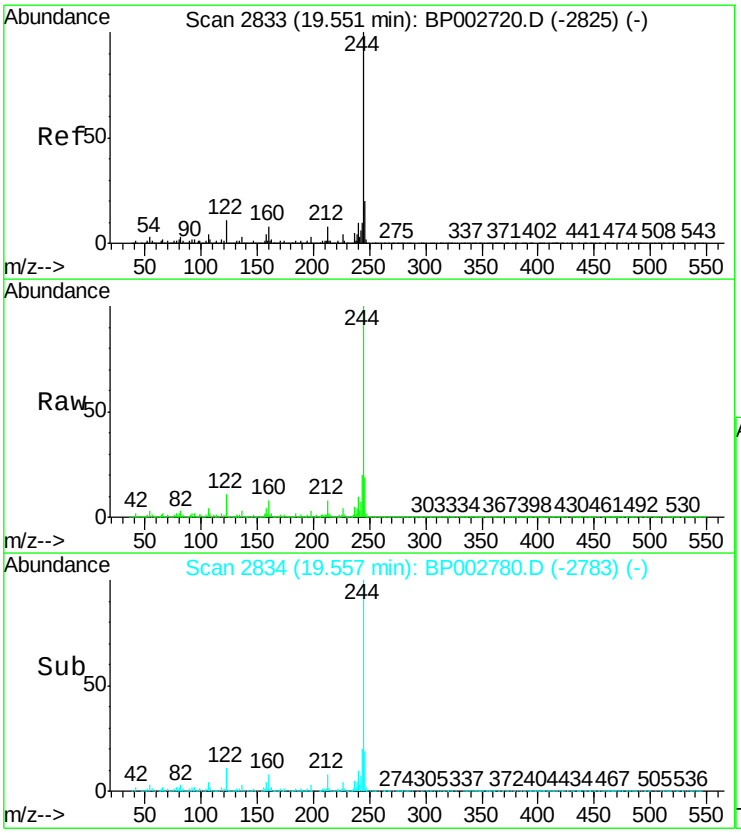
#78
Pyrene
Concen: 32.140 ng
RT: 19.35 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion:202 Resp: 1283628

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	17.6	14.5	21.7

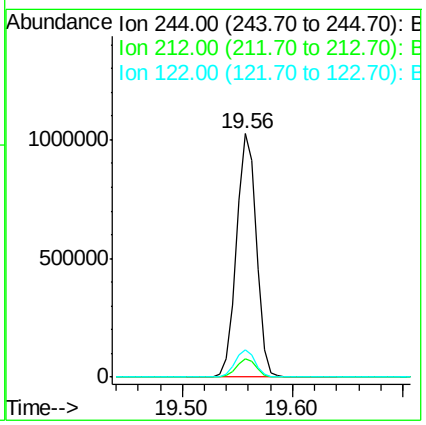


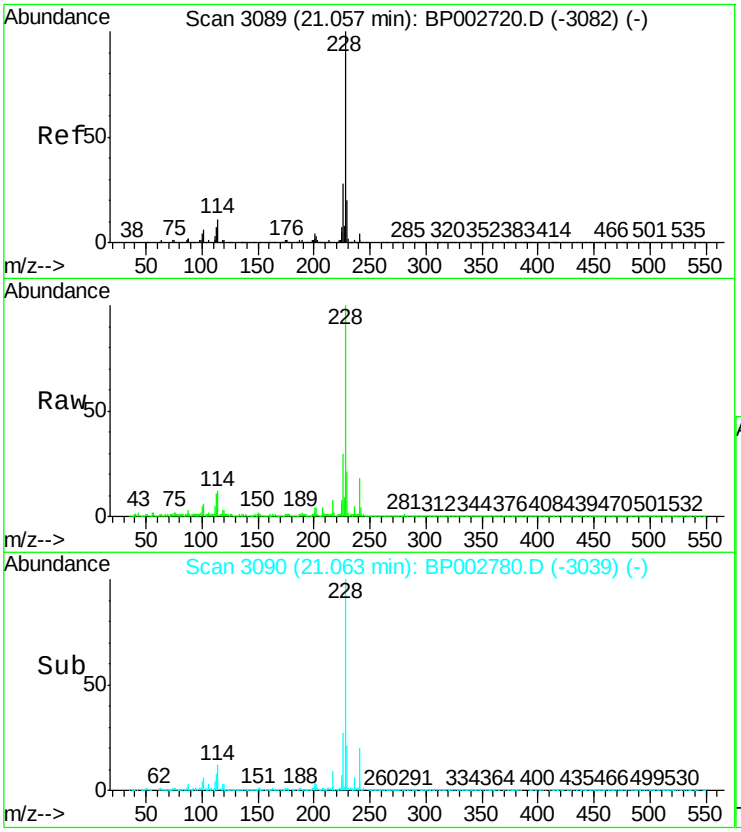


#79
Terphenyl-d14
Concen: 51.506 ng
RT: 19.56 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Tgt Ion:244 Resp: 1299508

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	11.3	8.9	13.3



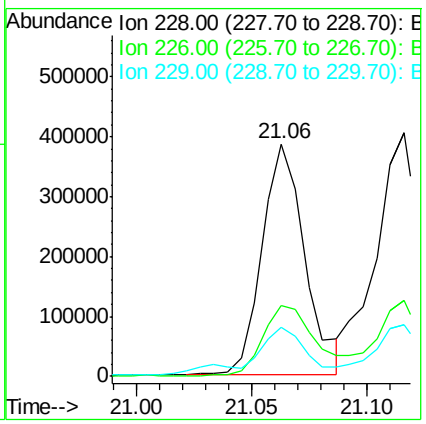


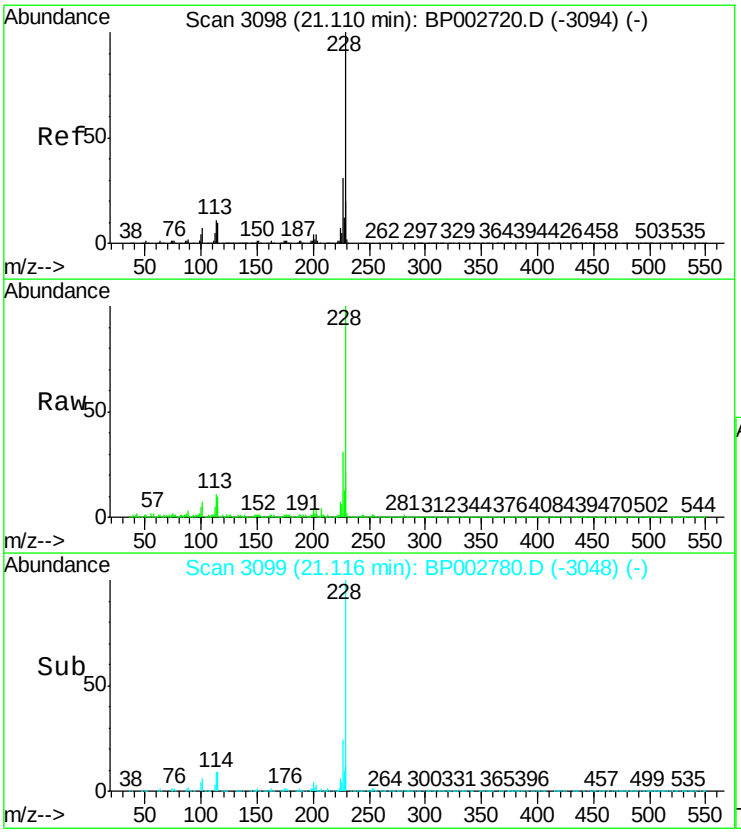
#81
Benzo(a)anthracene
Concen: 13.237 ng
RT: 21.06 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion:228 Resp: 495664

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	34.0
229	21.3	16.0	24.0

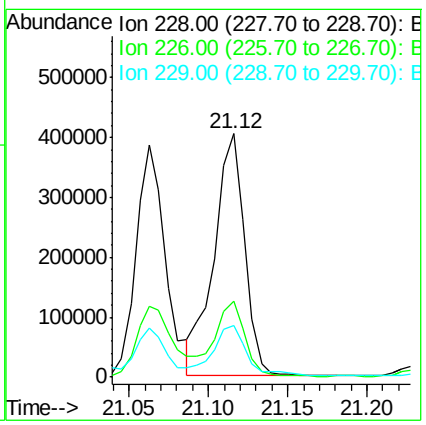


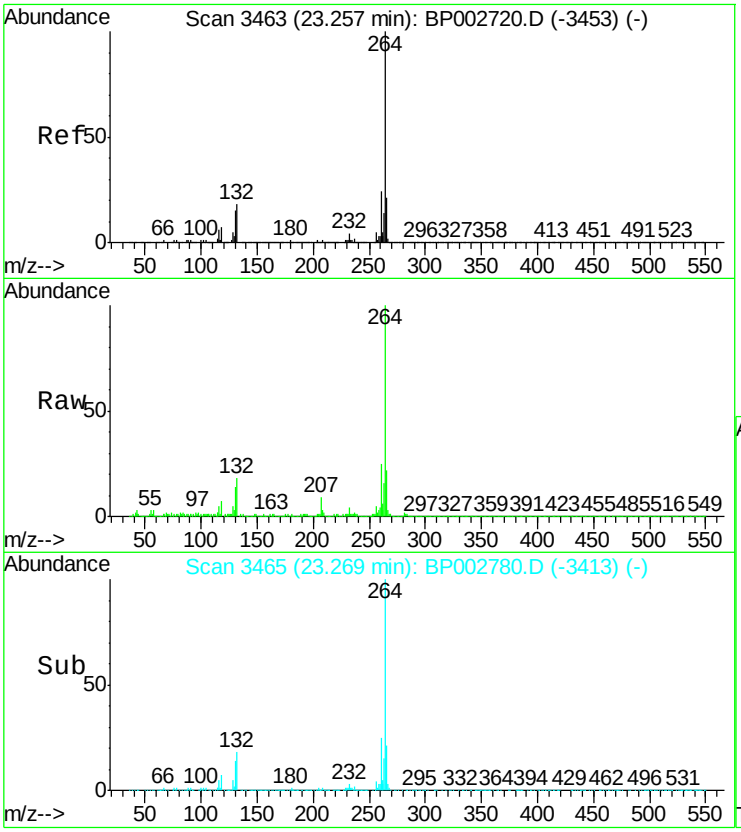


#83
Chrysene
Concen: 15.296 ng
RT: 21.12 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Tgt Ion:228 Resp: 545220

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	37.0
229	21.5	15.7	23.5



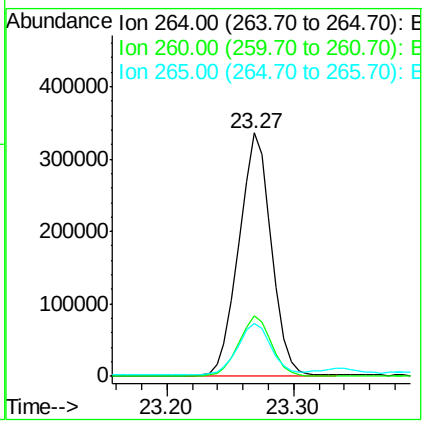


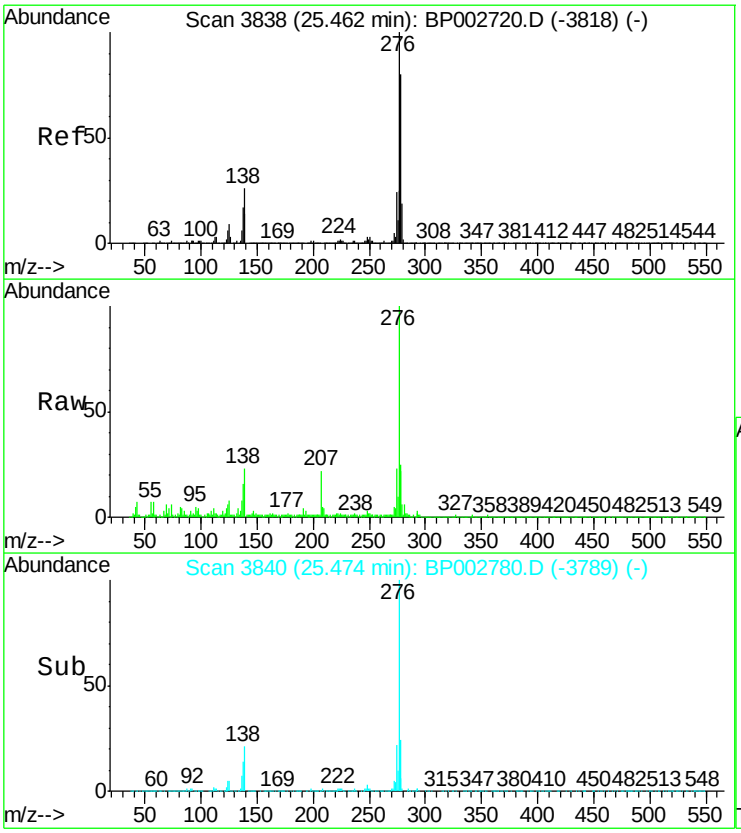
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.27 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion:264 Resp: 597772

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	21.9	16.8	25.2

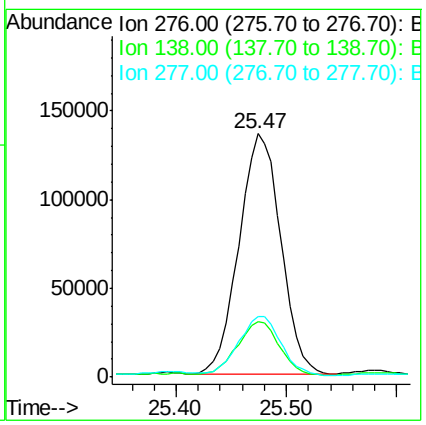


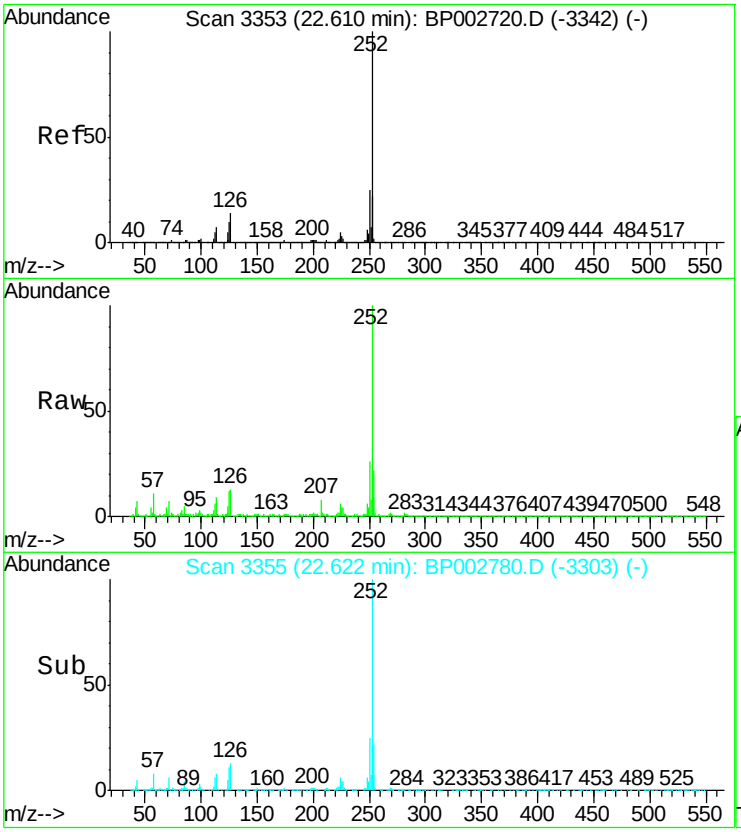


#87
Indeno(1,2,3-cd)pyrene
Concen: 8.323 ng
RT: 25.47 min Scan# 3840
Delta R.T. 0.00 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Tgt Ion:276 Resp: 359574

Ion	Ratio	Lower	Upper
276	100		
138	22.5	20.8	31.2
277	24.7	20.0	30.0



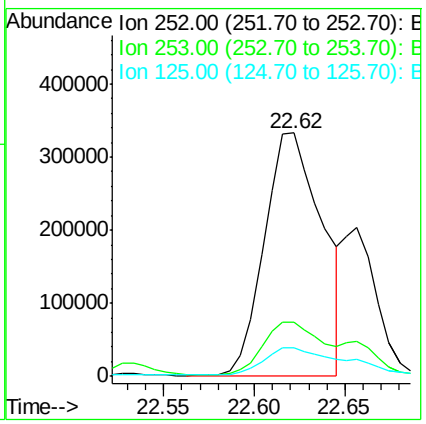


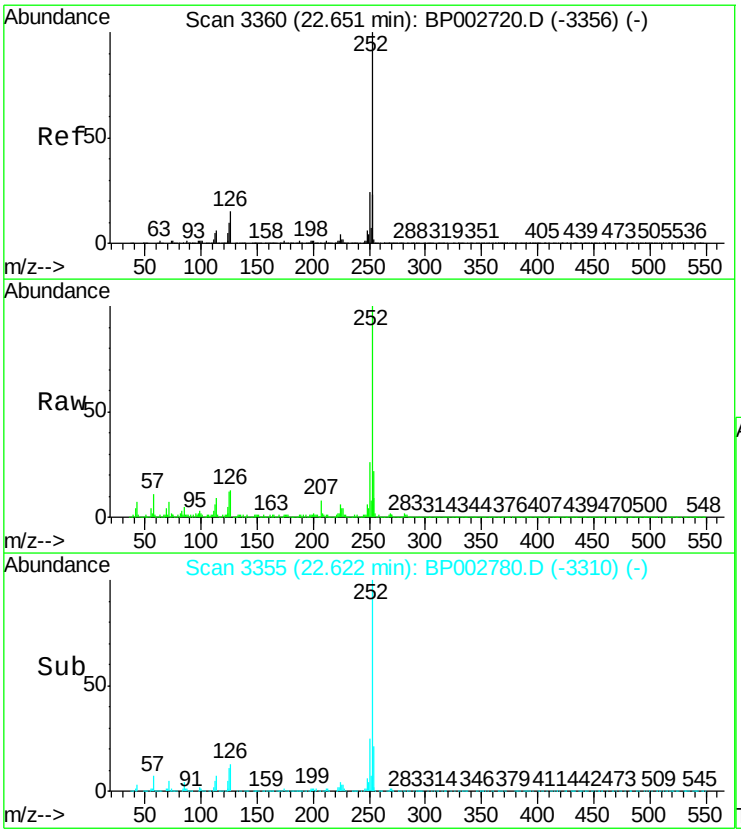
#88
Benzo(b)fluoranthene
Concen: 19.852 ng
RT: 22.62 min Scan# 3355
Delta R.T. 0.01 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion:252 Resp: 736862

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.8	8.2	12.2

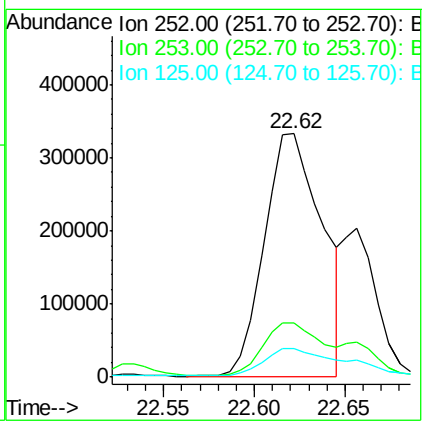


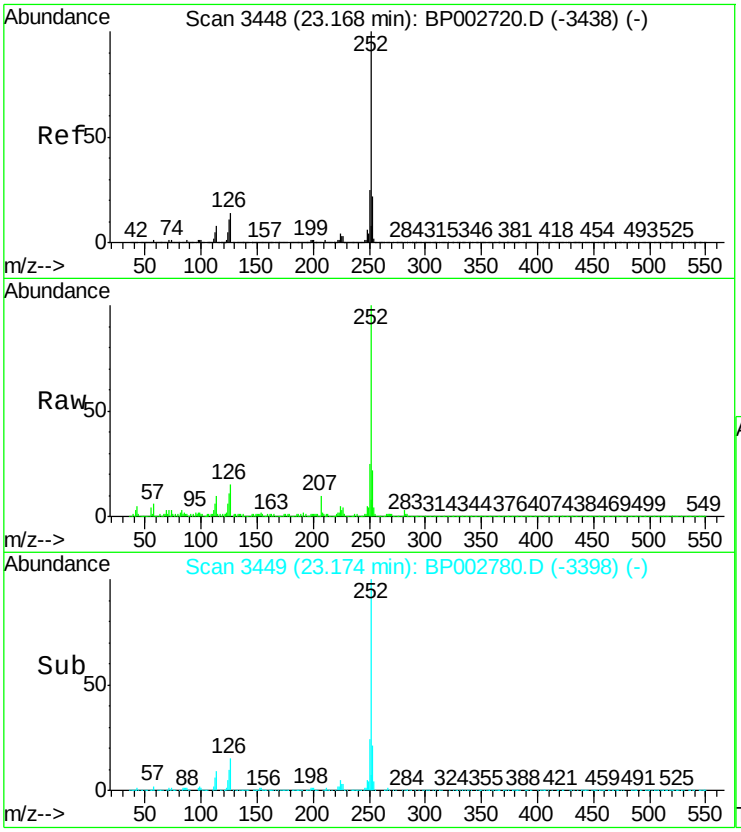


#89
Benzo(k)fluoranthene
Concen: 20.154 ng
RT: 22.62 min Scan# 3355
Delta R.T. -0.04 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Tgt Ion:252 Resp: 736862

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	11.8	8.3	12.5



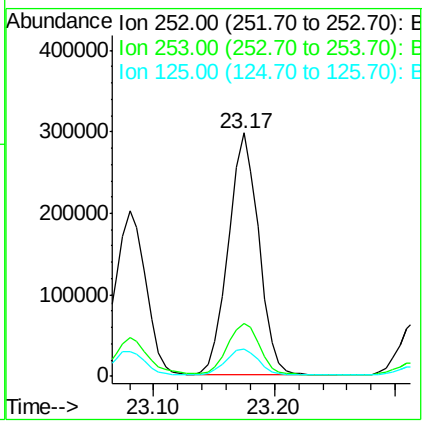


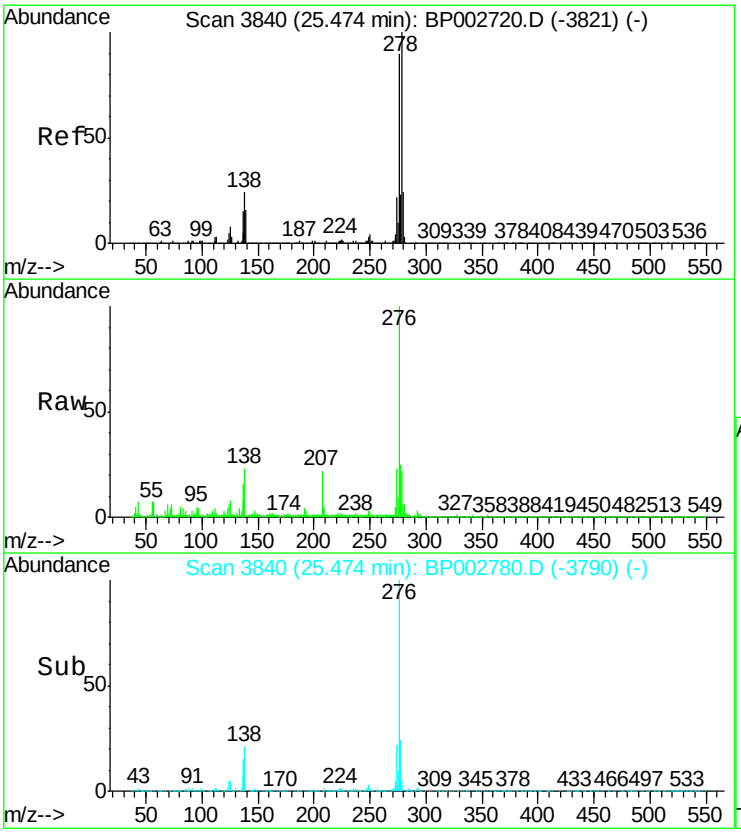
#90
Benzo(a)pyrene
Concen: 14.840 ng
RT: 23.17 min Scan# 3449
Delta R.T. 0.00 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion:252 Resp: 522003

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	11.0	8.6	13.0

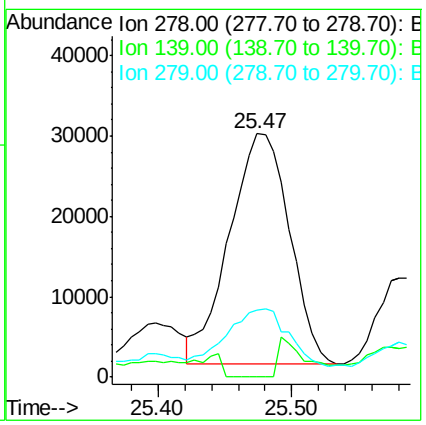


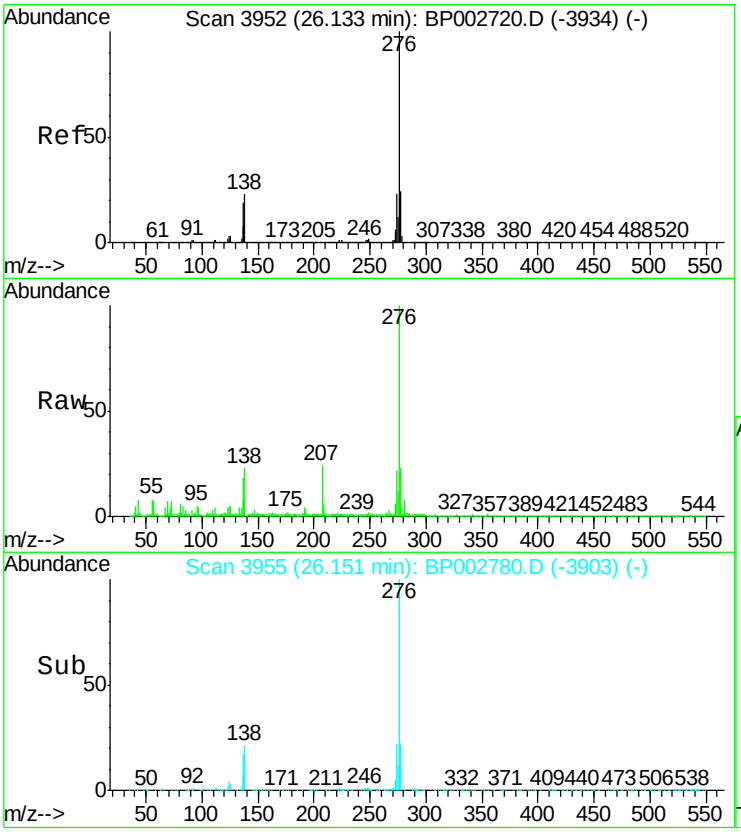


#91
Dibenzo(a,h)anthracene
Concen: 2.572 ng
RT: 25.47 min Scan# 3840
Delta R.T. -0.01 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Tgt Ion:278 Resp: 89600

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.1	19.7#
279	27.3	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 9.981 ng
RT: 26.15 min Scan# 3955
Delta R.T. 0.01 min
Lab File: BP002780.D
Acq: 16 Jul 2020 19:37

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion:276 Resp: 352618

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	22.7	18.3	27.5