Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
Data File : BP002797.D
Acq On : 20 Jul 2020 13:13
Operator : CG/JU
Sample : L3177-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AU-05-071720

Quant Time: Jul 20 15:21:42 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	7.55	152	167939	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	682716	20.00	ng		-0.01
39) Acenaphthene-d10	14.20	164	410203	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	836080	20.00	ng		0.00
76) Chrysene-d12	21.07	240	722909	20.00	ng		0.00
86) Perylene-d12	23.27	264	600604	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	975081	97.96	ng		0.00
7) Phenol-d6	6.76	99	1335024	93.98	ng		0.00
23) Nitrobenzene-d5	8.69	82	837105	65.58	ng		-0.01
42) 2,4,6-Tribromophenol	15.71	330	424594	99.16	ng		0.00
45) 2-Fluorobiphenyl	12.82	172	1649457	62.21	ng		0.00
79) Terphenyl-d14	19.56	244	1918667	60.85	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.72	122	92	7.073	ng	#	24
41) Hexachlorocyclopentadiene	12.29	237	16	7.437	ng		91
50) Dimethylphthalate	13.66	163	208738	6.672	ng		99
54) 2,4-Dinitrophenol	14.40	184	416	11.470	ng		95
56) 4-Nitrophenol	14.45	139	167	4.998	ng	#	23
63) Azobenzene	15.50	77	914215	29.314	ng	#	1
65) 4,6-Dinitro-2-methylphenol	15.39	198	94	5.283	ng	#	1
70) Pentachlorophenol	16.64	266	93	7.460	ng		96
71) Phenanthrene	17.00	178	98507	2.176	ng		99
75) Fluoranthene	19.00	202	190281	3.628	ng		99
78) Pyrene	19.35	202	221448	4.437	ng		97
81) Benzo(a)anthracene	21.06	228	97873	2.091	ng	#	93
83) Chrysene	21.11	228	93928	2.109	ng	#	95
88) Benzo(b)fluoranthene	22.62	252	104616	2.805	ng	#	73
89) Benzo(k)fluoranthene	22.62	252	104616	2.848	ng	#	73
90) Benzo(a)pyrene	23.17	252	83985	2.376	ng	#	86
92) Benzo(g,h,i)perylene	26.15	276	71605	2.017	ng		92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
Data File : BP002797.D
Acq On : 20 Jul 2020 13:13
Operator : CG/JU
Sample : L3177-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-05-071720

Quant Time: Jul 20 15:21:42 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
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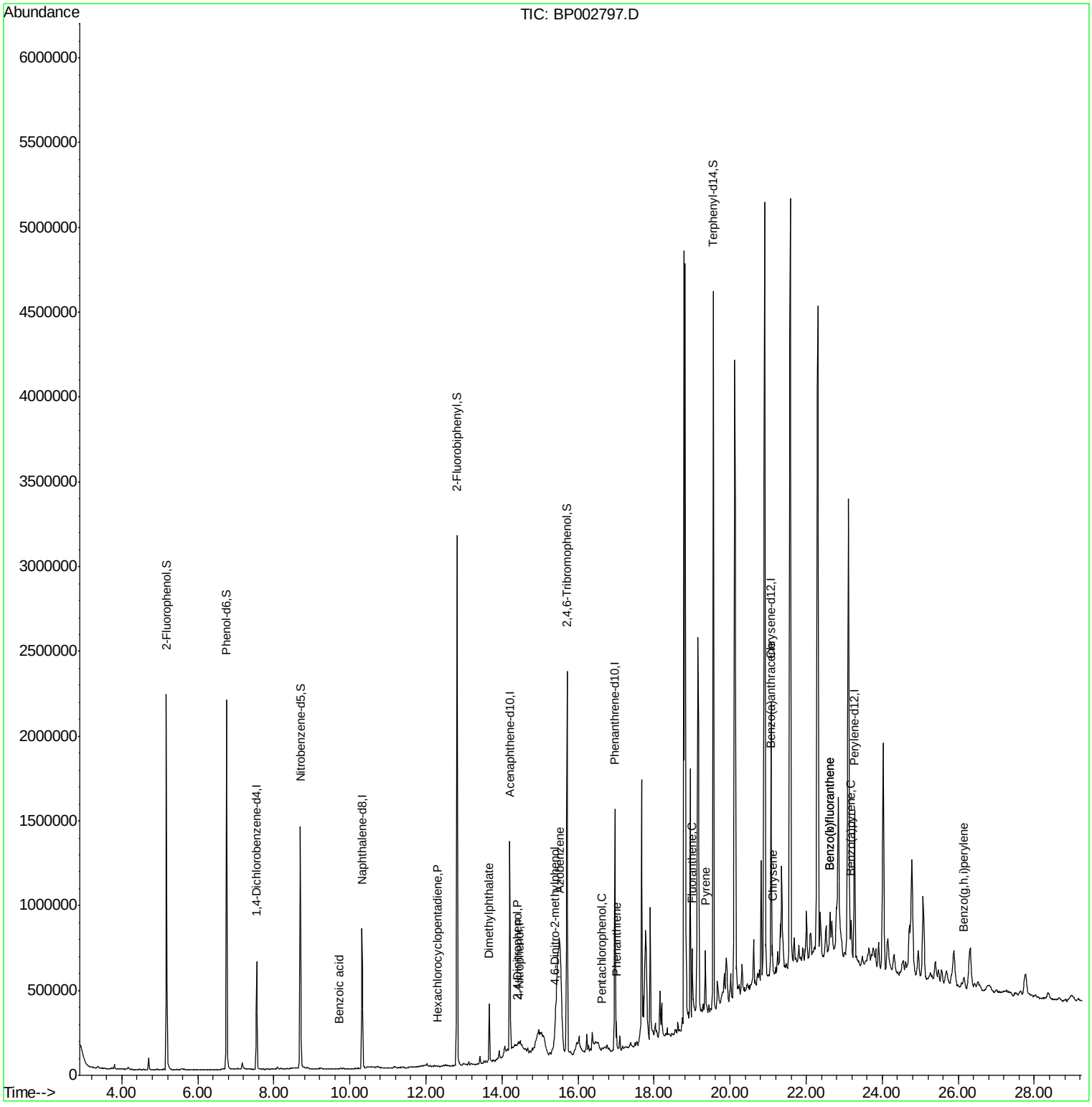
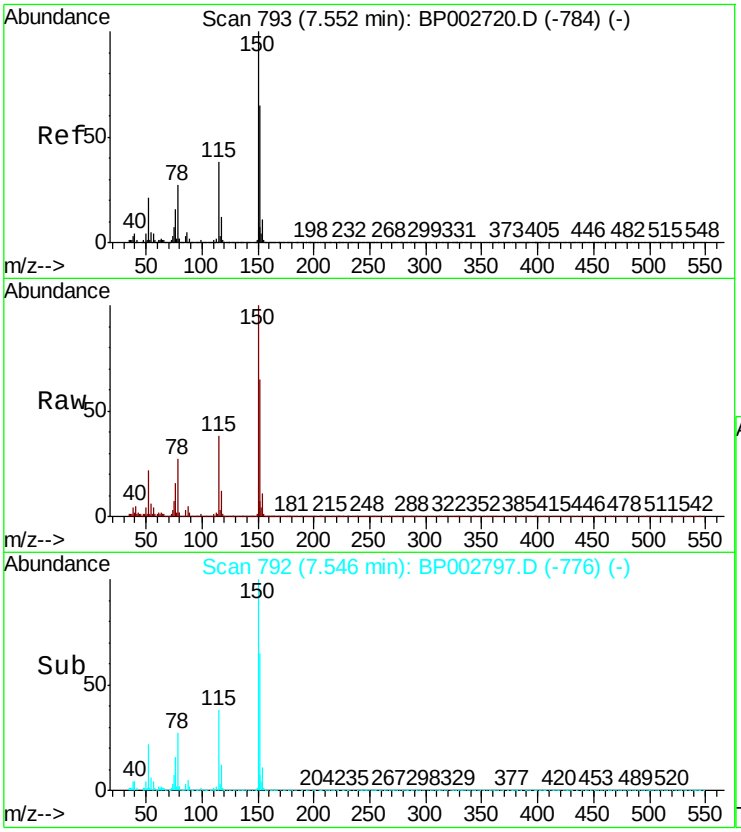


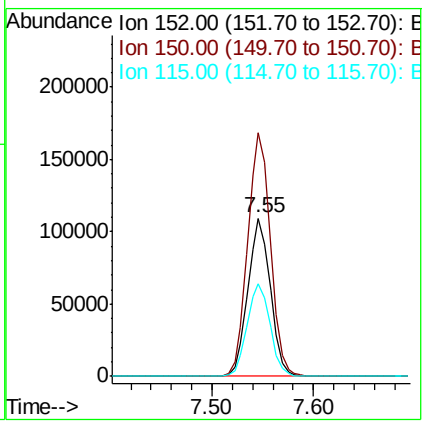


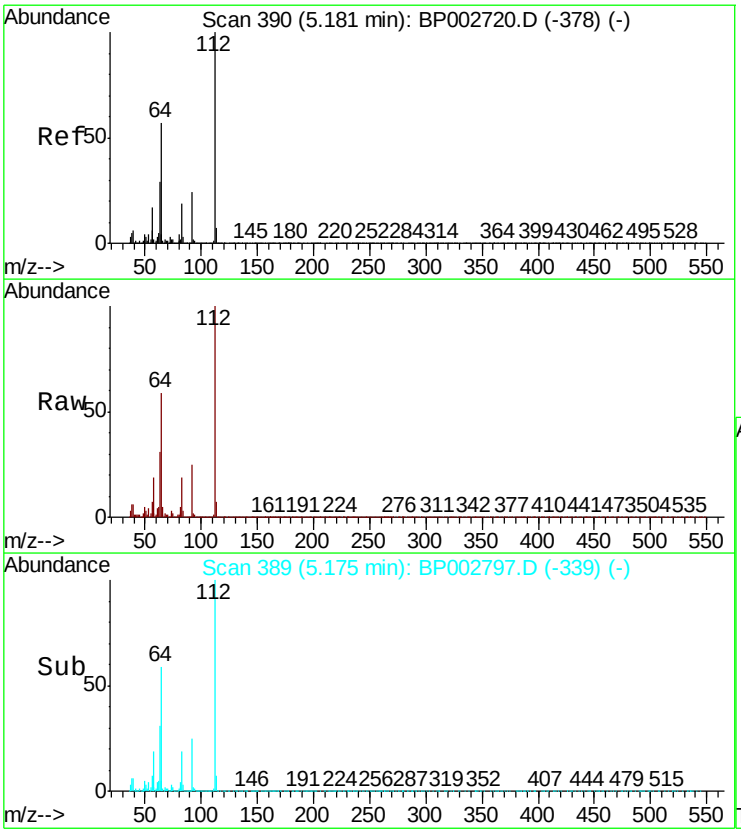
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Instrument :
BNA_P
ClientSampleId :
AU-05-071720

Tgt Ion:152 Resp: 167939

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.7	185.5
115	58.8	47.2	70.8

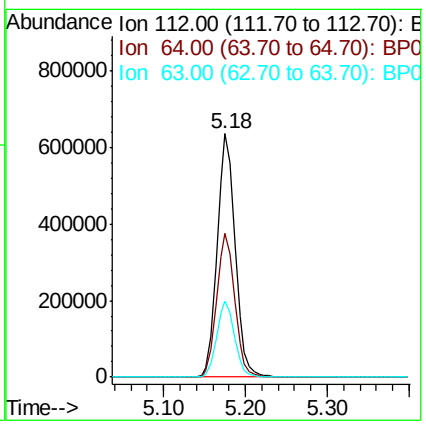


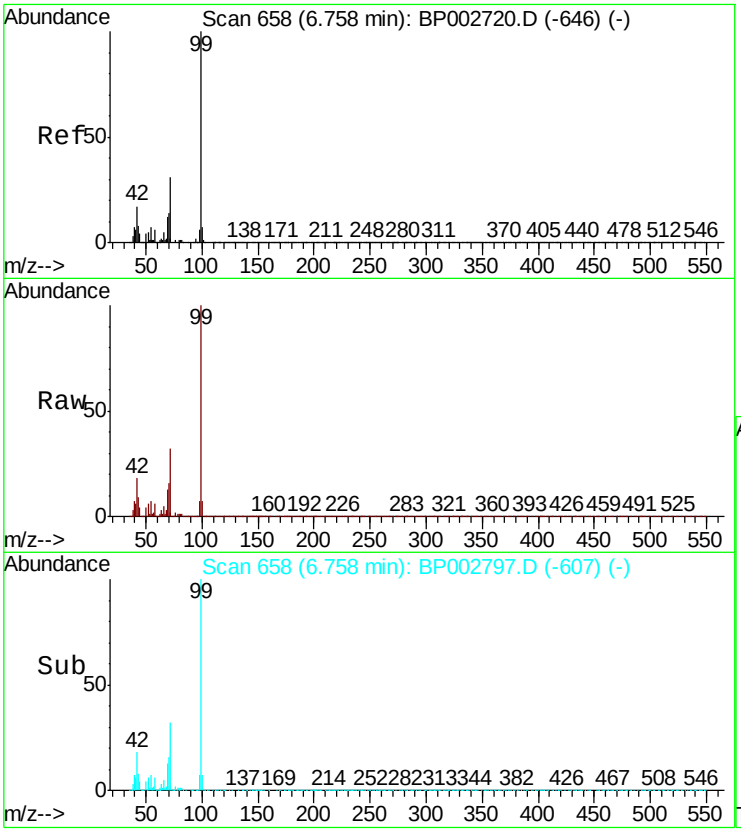


#5
2-Fluorophenol
Concen: 97.961 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Tgt Ion:112 Resp: 975081

Ion	Ratio	Lower	Upper
112	100		
64	59.2	45.6	68.4
63	31.0	23.5	35.3



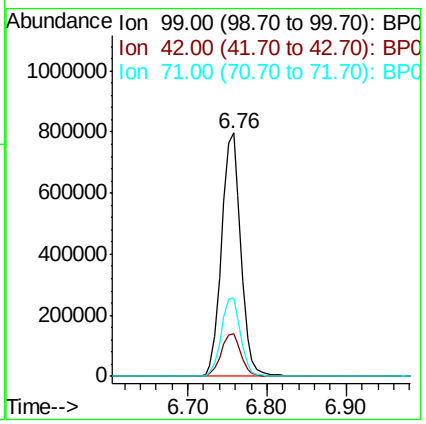


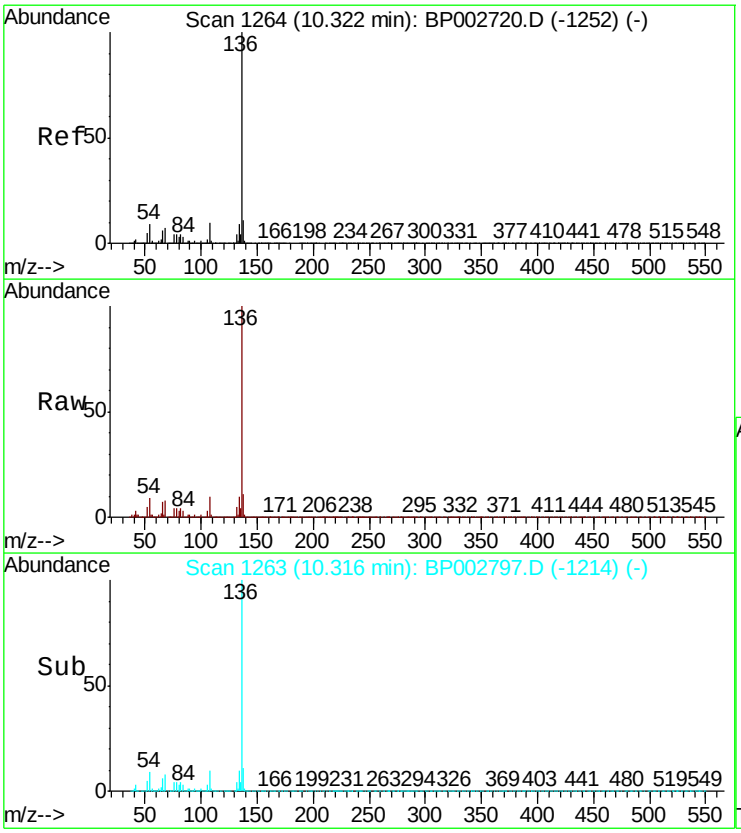
#7
Phenol-d6
Concen: 93.978 ng
RT: 6.76 min Scan# 658
Delta R.T. 0.00 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Instrument :
BNA_P
ClientSampleId :
AU-05-071720

Tgt Ion: 99 Resp: 1335024

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.4	20.2
71	32.3	24.6	36.8

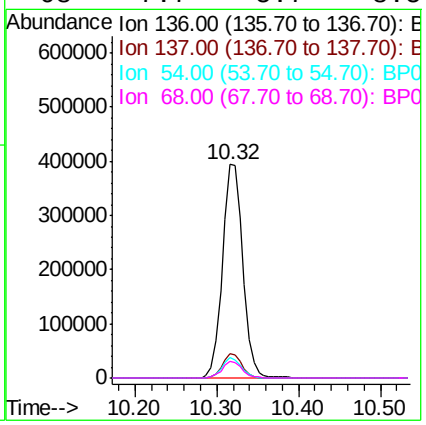


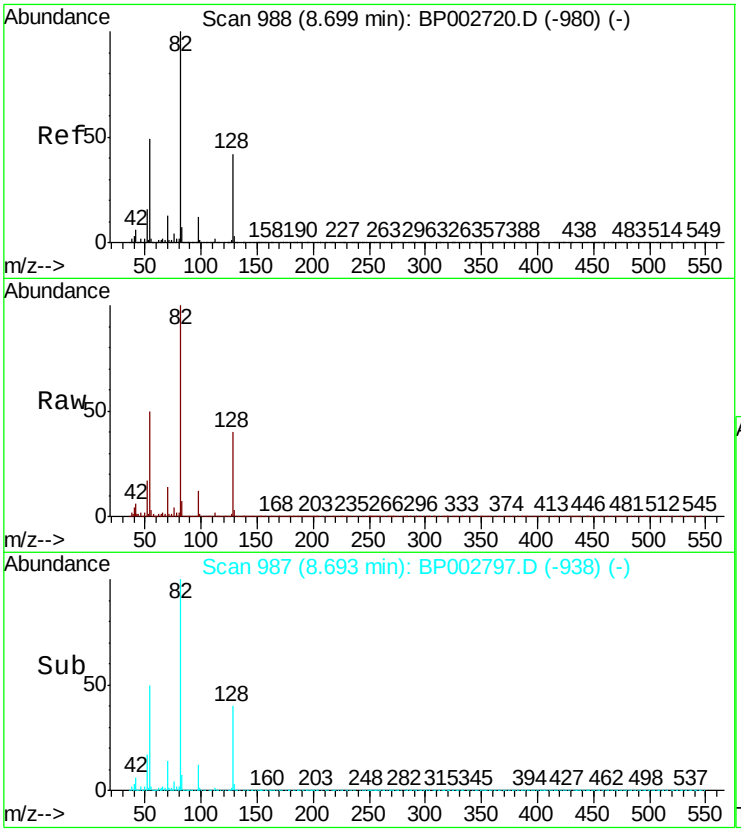


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Tgt Ion:136 Resp: 682716

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	9.4	6.9	10.3
68	7.7	5.7	8.5



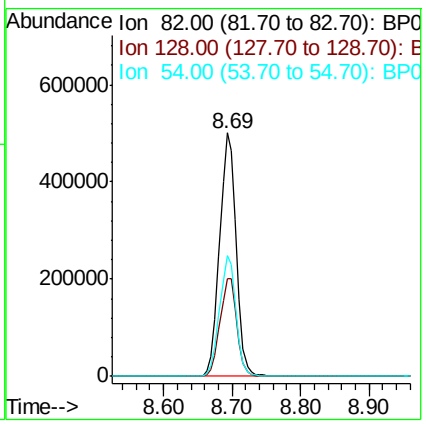


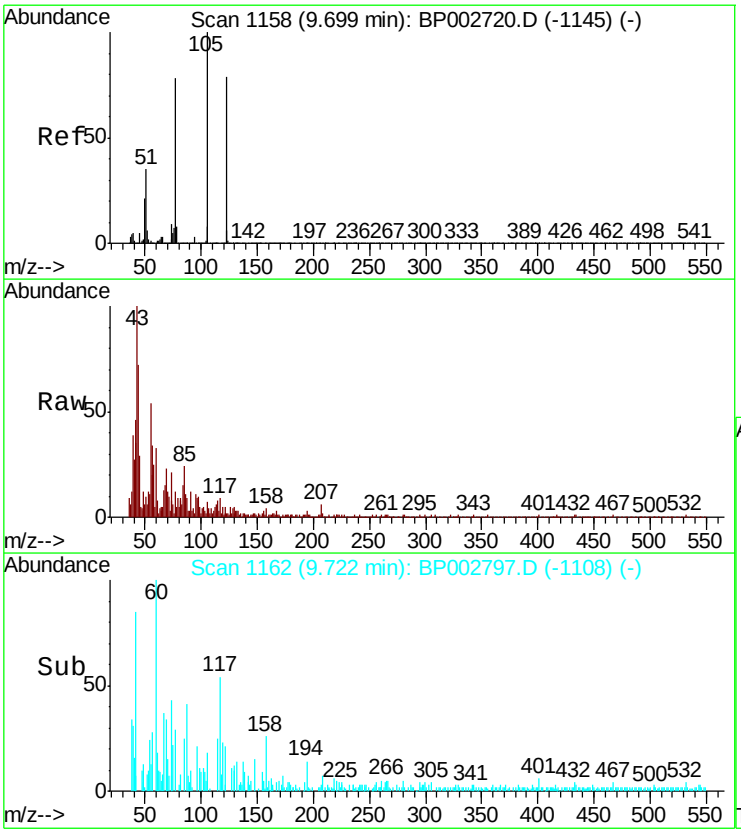
#23
Nitrobenzene-d5
Concen: 65.578 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Instrument :
BNA_P
ClientSampleId :
AU-05-071720

Tgt Ion: 82 Resp: 837105

Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.8	50.8
54	49.8	38.8	58.2

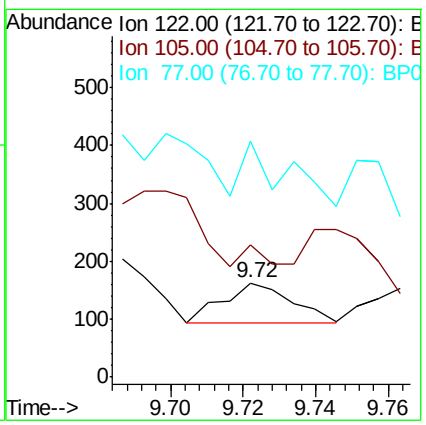


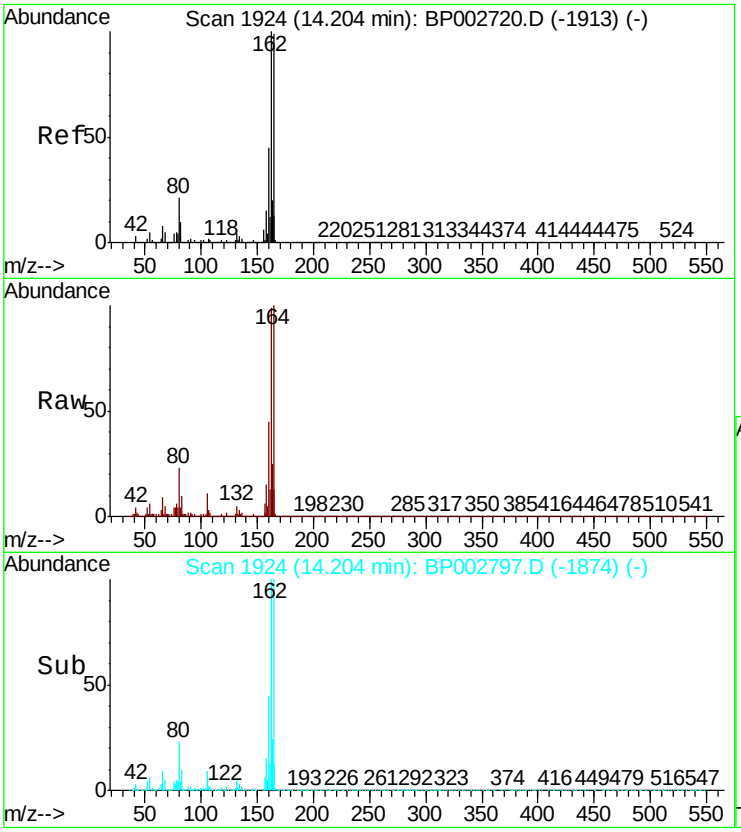


#32
Benzoic acid
Concen: 7.073 ng
RT: 9.72 min Scan# 1162
Delta R.T. 0.02 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Tgt Ion:122 Resp: 92

Ion	Ratio	Lower	Upper
122	100		
105	140.7	105.4	145.4
77	251.9	78.5	118.5#



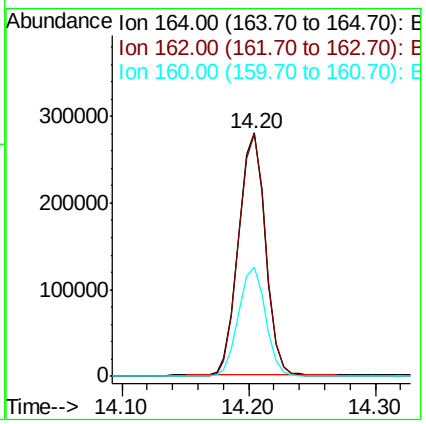


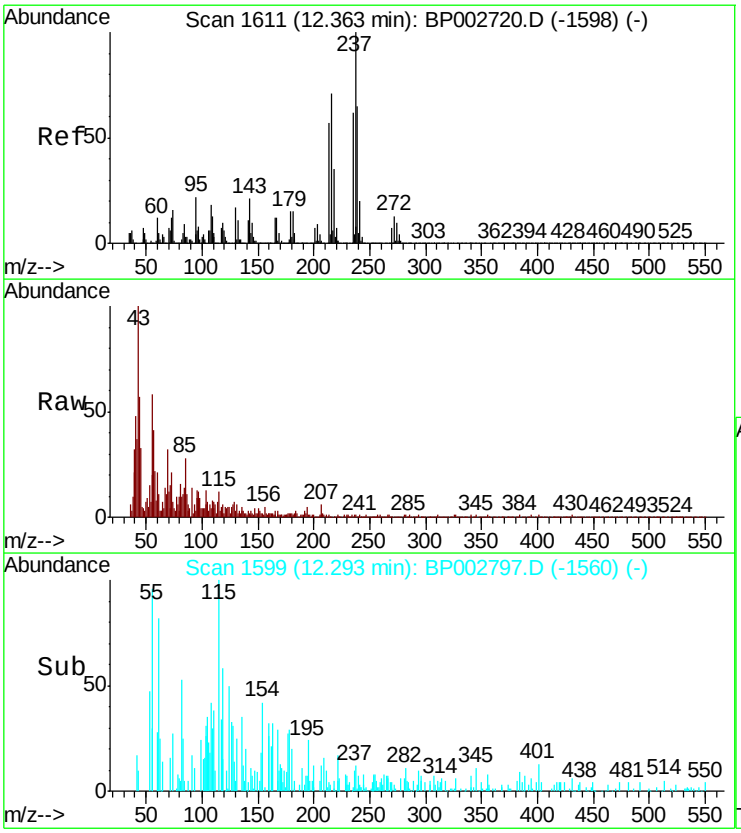
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Instrument :
BNA_P
ClientSampleId :
AU-05-071720

Tgt Ion:164 Resp: 410203

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.6	121.0
160	45.1	36.4	54.6

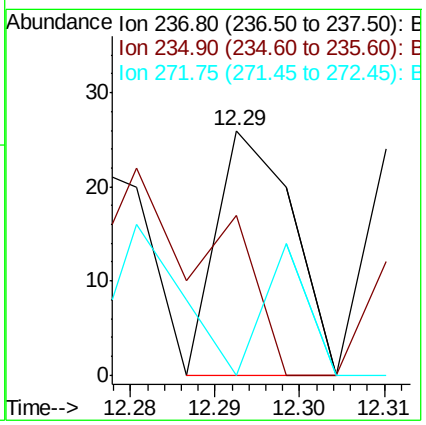


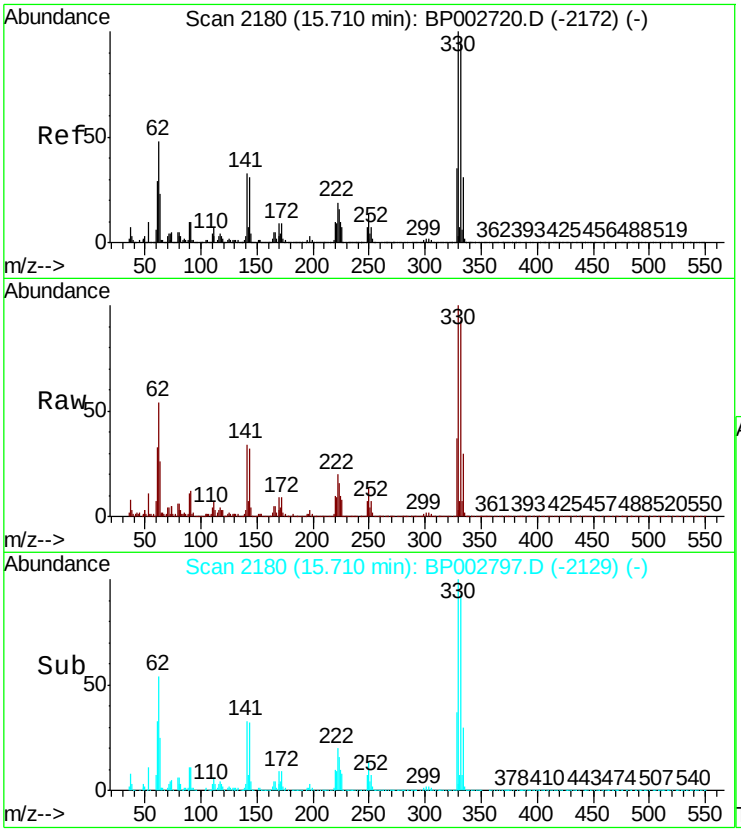


#41
Hexachlorocyclopentadiene
Concen: 7.437 ng
RT: 12.29 min Scan# 1599
Delta R.T. -0.07 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Tgt Ion:237 Resp: 16

Ion	Ratio	Lower	Upper
237	100		
235	65.4	42.3	82.3
272	0.0	0.0	32.5



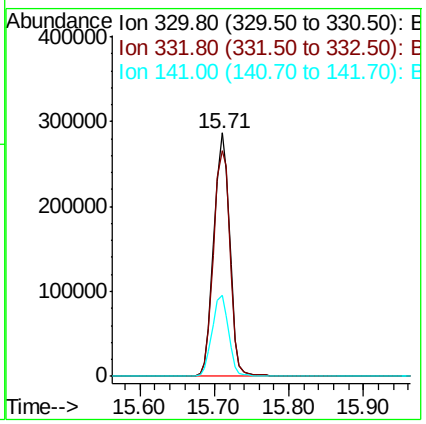


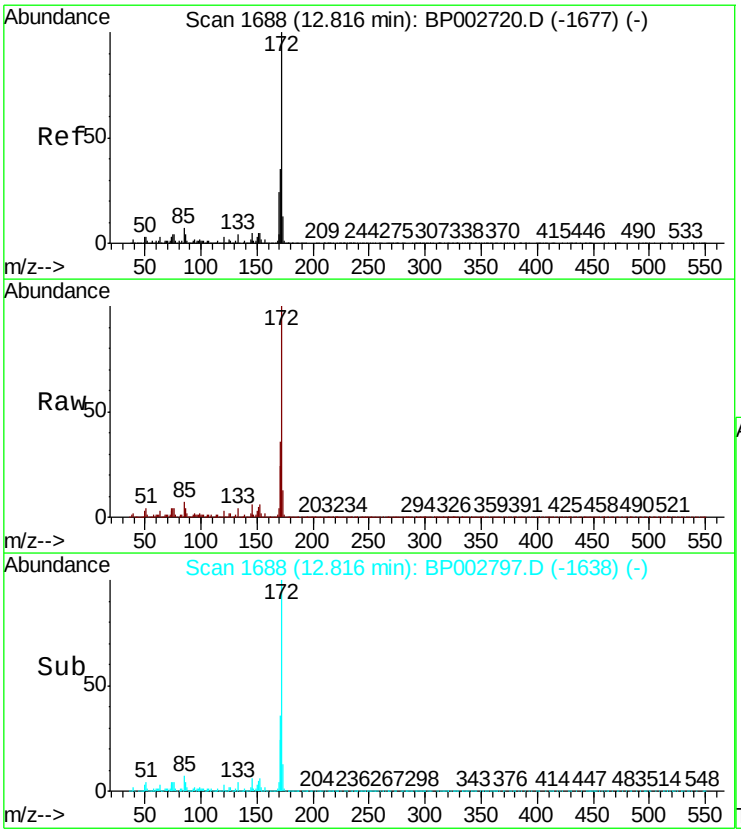
#42
2,4,6-Tribromophenol
Concen: 99.161 ng
RT: 15.71 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Instrument :
BNA_P
ClientSampleId :
AU-05-071720

Tgt Ion:330 Resp: 424594

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.5	114.7
141	34.1	28.8	43.2

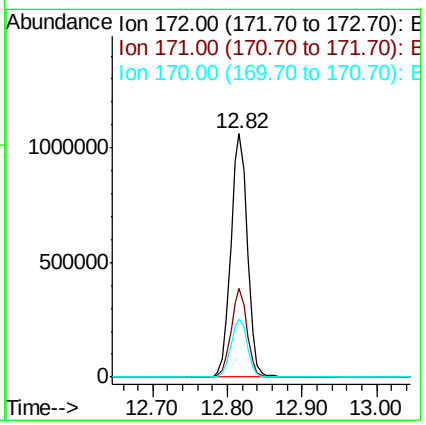


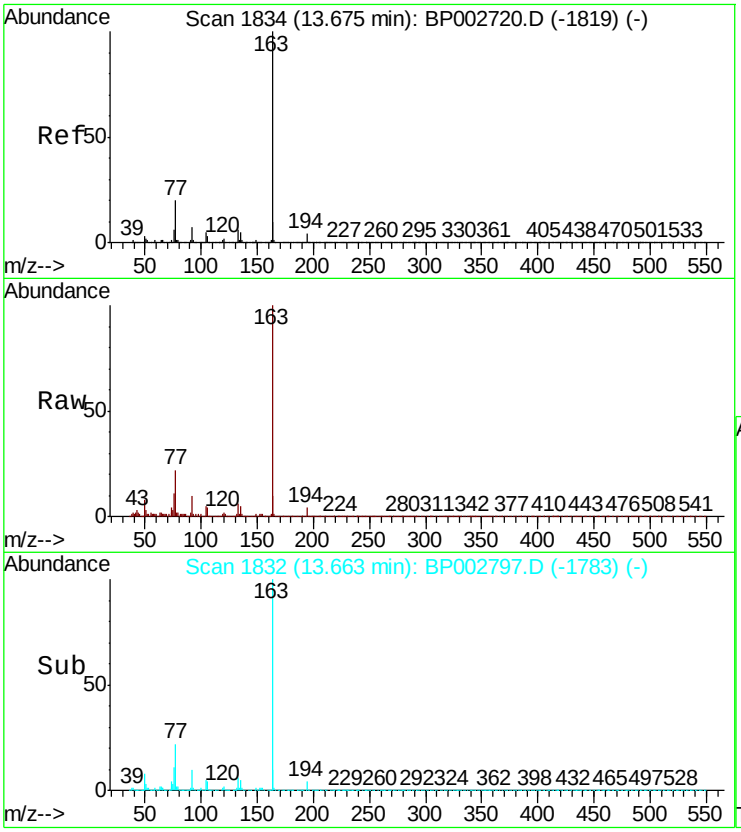


#45
2-Fluorobiphenyl
Concen: 62.205 ng
RT: 12.82 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Tgt Ion:172 Resp: 1649457

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.1	42.1
170	23.8	19.3	28.9



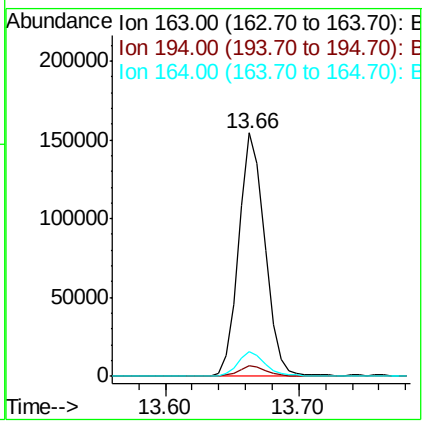


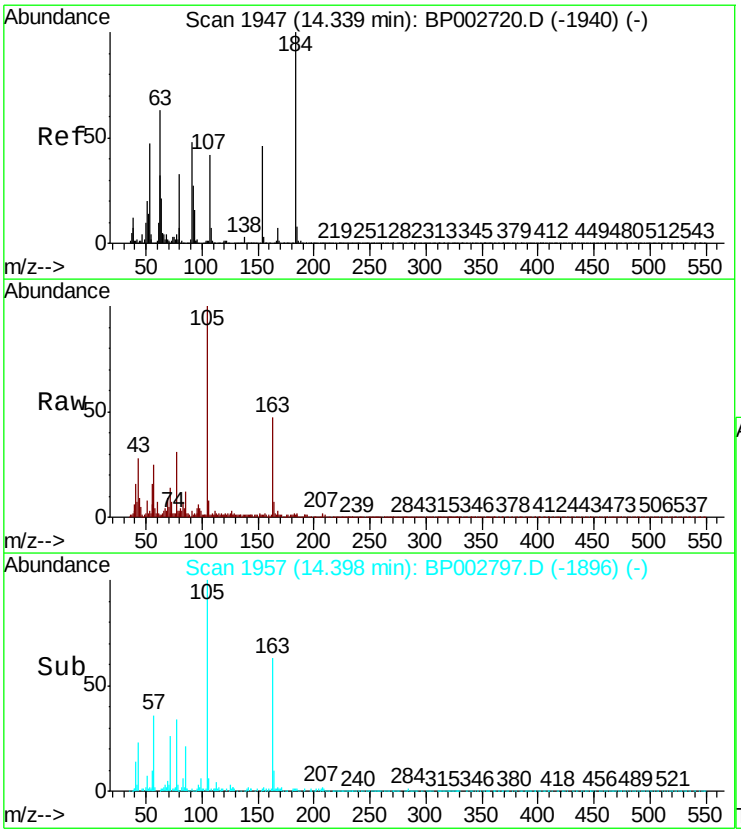
#50
Dimethylphthalate
Concen: 6.672 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Instrument :
BNA_P
ClientSampleId :
AU-05-071720

Tgt Ion:163 Resp: 208738

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.3	7.8	11.8

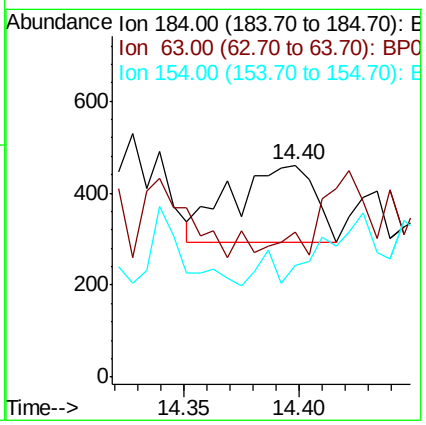


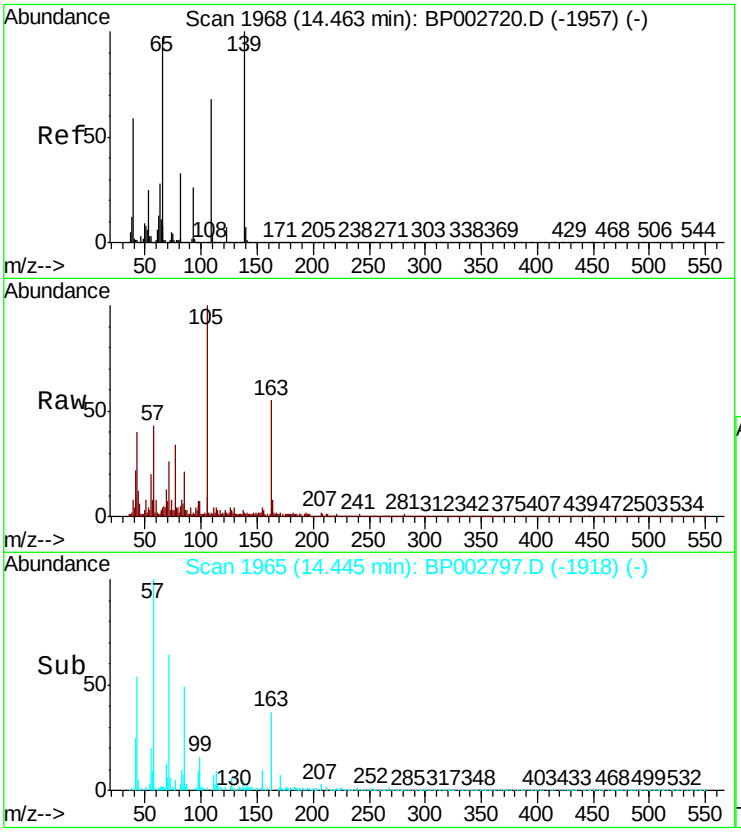


#54
2,4-Dinitrophenol
Concen: 11.470 ng
RT: 14.40 min Scan# 1957
Delta R.T. 0.06 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Tgt Ion:184 Resp: 416

Ion	Ratio	Lower	Upper
184	100		
63	68.1	51.6	77.4
154	52.7	45.0	67.6



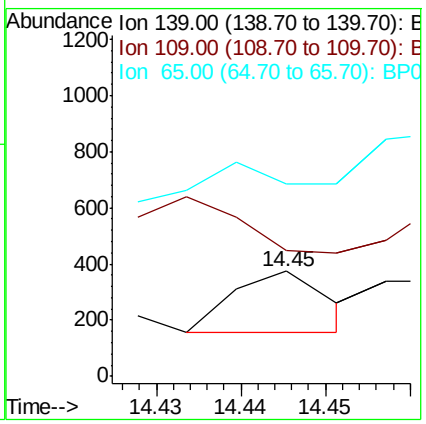


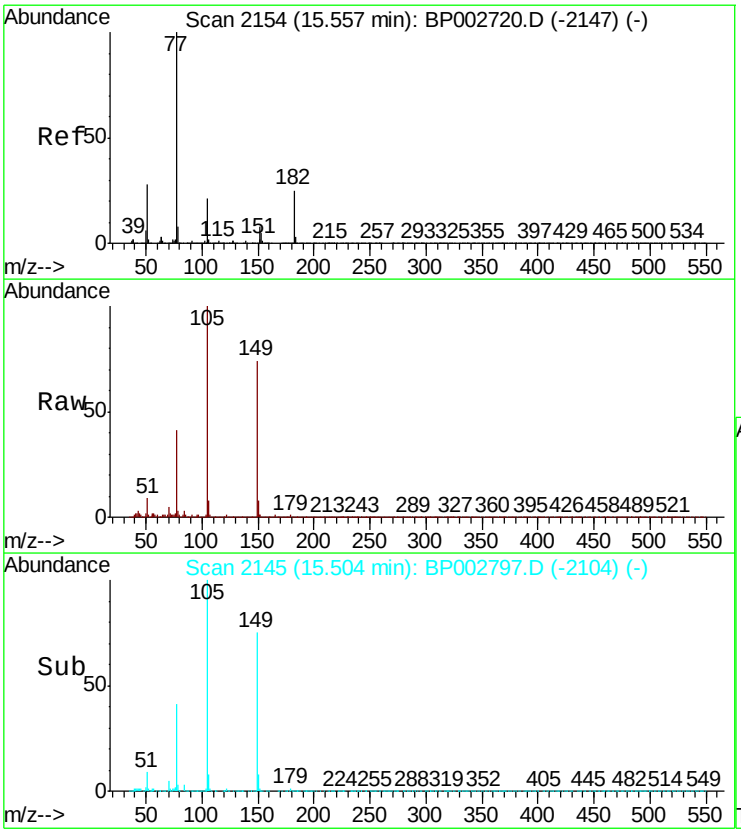
#56
4-Nitrophenol
Concen: 4.998 ng
RT: 14.45 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Instrument :
BNA_P
ClientSampleId :
AU-05-071720

Tgt Ion:139 Resp: 167

Ion	Ratio	Lower	Upper
139	100		
109	119.8	48.1	88.1#
65	183.2	77.9	117.9#

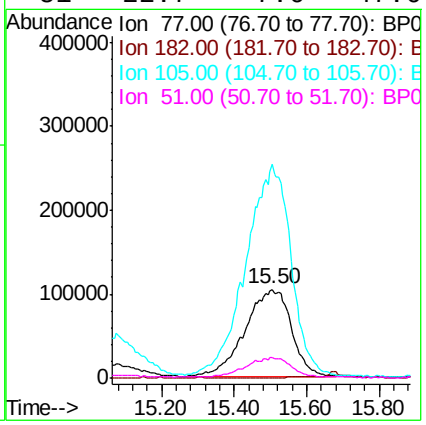


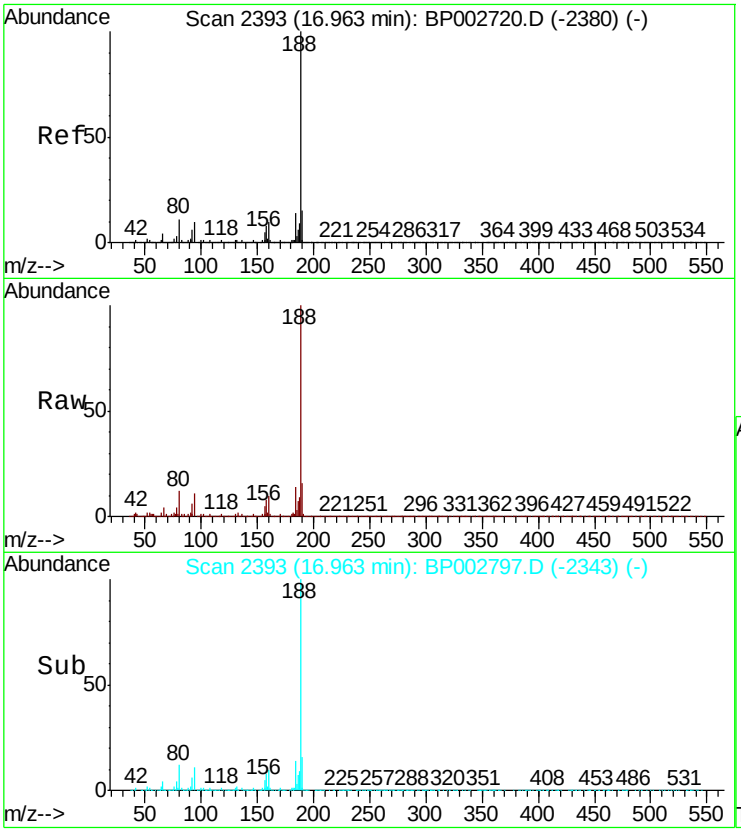


#63
Azobenzene
Concen: 29.314 ng
RT: 15.50 min Scan# 2145
Delta R.T. -0.06 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Tgt Ion: 77 Resp: 914215

Ion	Ratio	Lower	Upper
77	100		
182	0.6	5.1	45.1#
105	241.3	0.8	40.8#
51	22.7	7.6	47.6



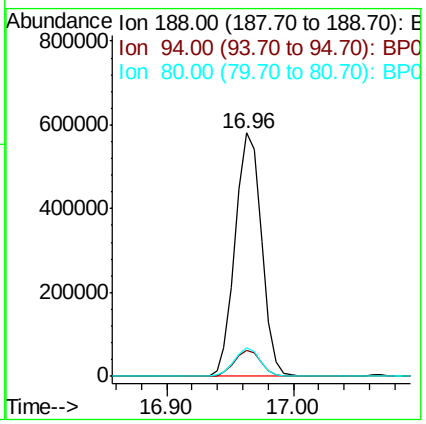


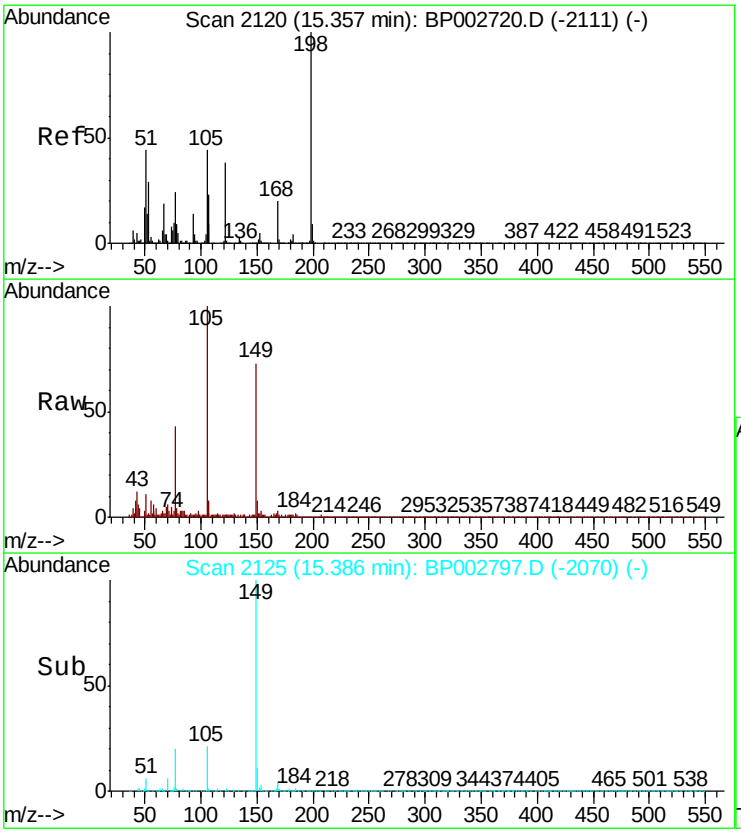
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Instrument :
BNA_P
ClientSampleId :
AU-05-071720

Tgt Ion:188 Resp: 836080

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.1	12.1
80	11.7	8.9	13.3

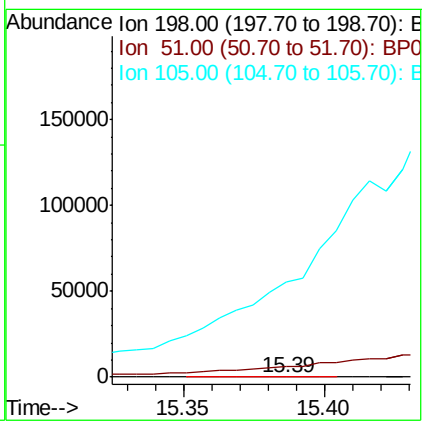


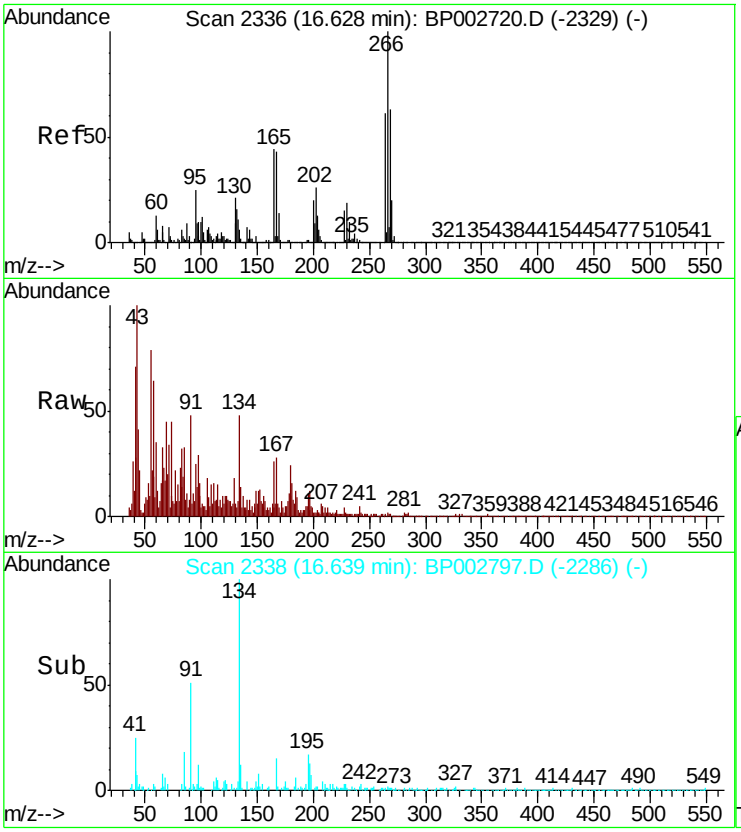


#65
4,6-Dinitro-2-methylphenol
Concen: 5.283 ng
RT: 15.39 min Scan# 2125
Delta R.T. 0.02 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Tgt Ion:198 Resp: 94

Ion	Ratio	Lower	Upper
198	100		
51	6518.9	27.1	67.1#
105	61360.0	24.9	64.9#



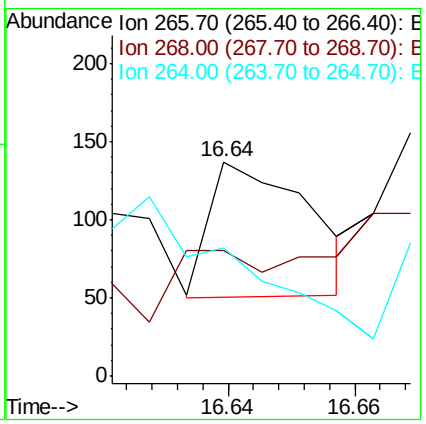


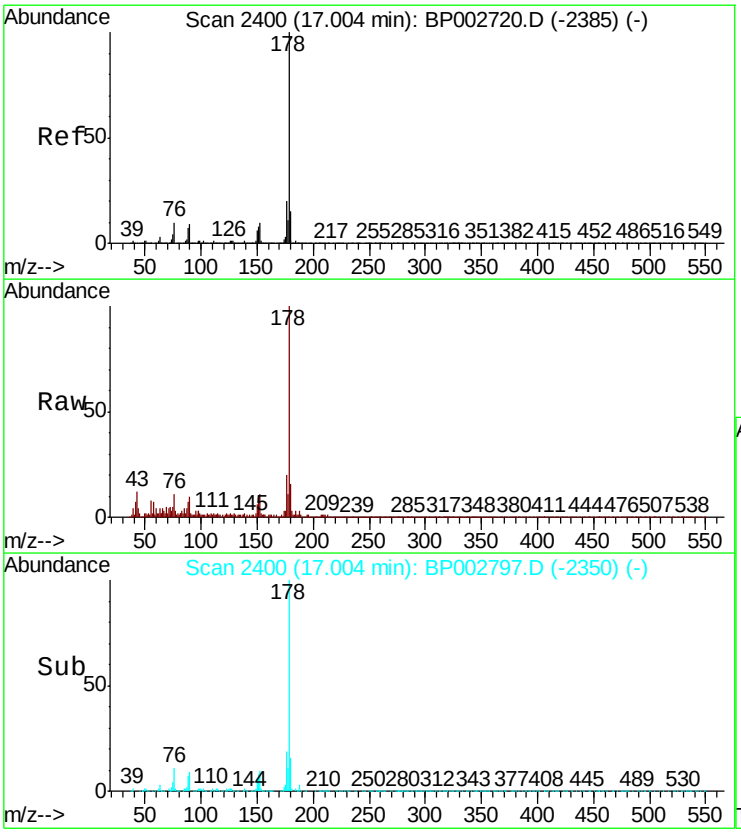
#70
Pentachlorophenol
Concen: 7.460 ng
RT: 16.64 min Scan# 2338
Delta R.T. 0.01 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Instrument :
BNA_P
ClientSampleId :
AU-05-071720

Tgt Ion:266 Resp: 93

Ion	Ratio	Lower	Upper
266	100		
268	58.4	50.6	75.8
264	59.9	48.6	72.8

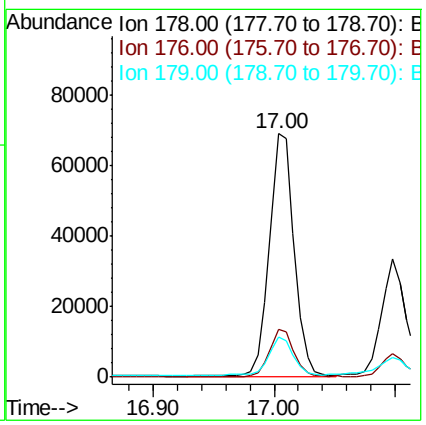


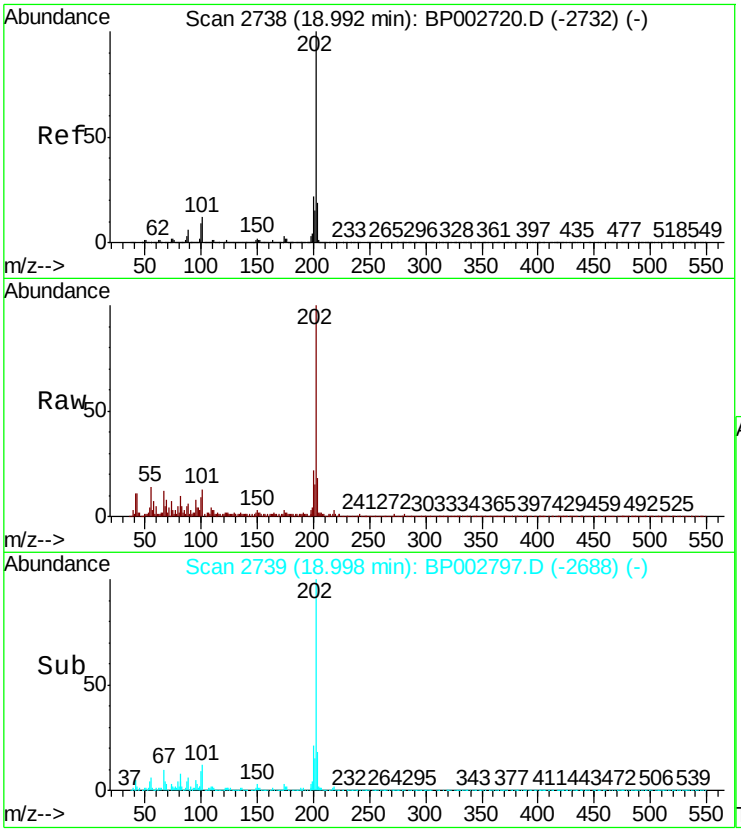


#71
Phenanthrene
Concen: 2.176 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Tgt Ion:178 Resp: 98507

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.4	12.3	18.5



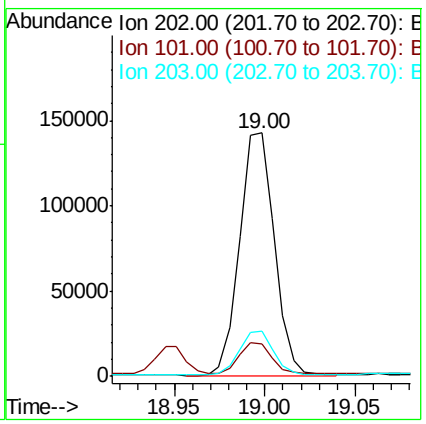


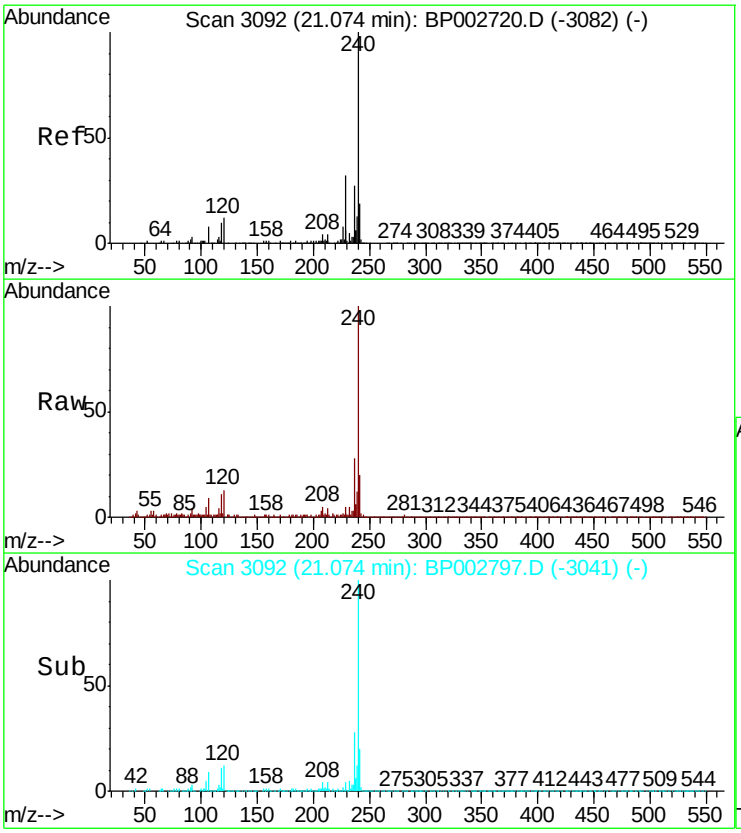
#75
Fluoranthene
Concen: 3.628 ng
RT: 19.00 min Scan# 2739
Delta R.T. 0.00 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Instrument :
BNA_P
ClientSampleId :
AU-05-071720

Tgt Ion:202 Resp: 190281

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	32.5
203	18.4	0.0	38.6

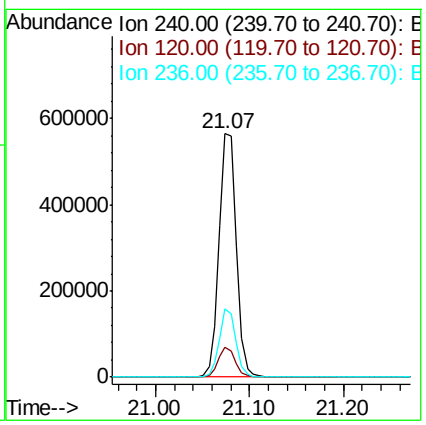


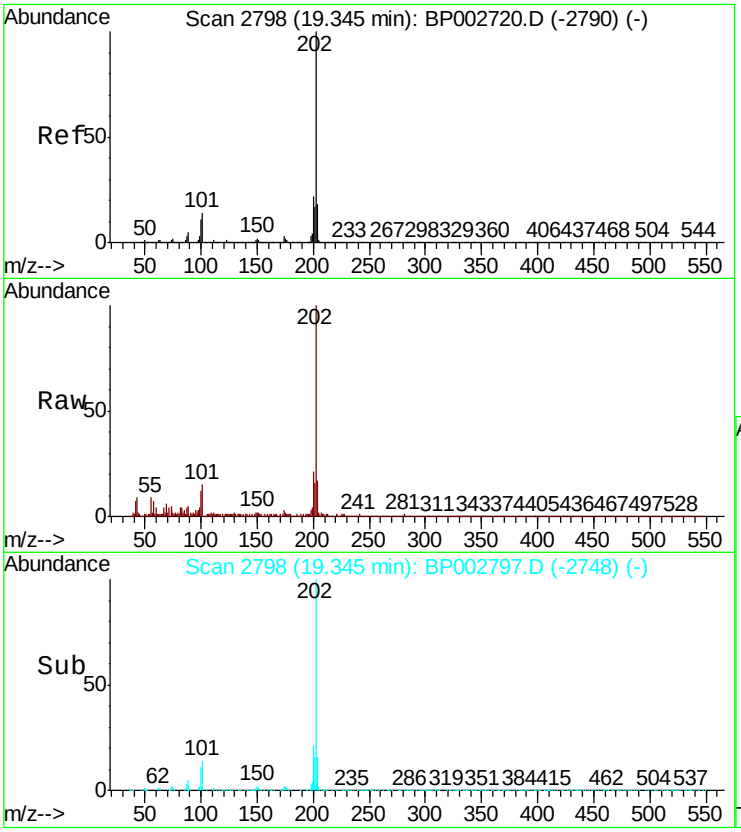


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Tgt Ion:240 Resp: 722909

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.4	14.2
236	28.1	21.3	31.9



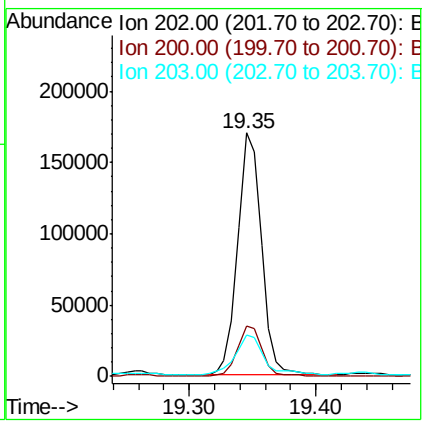


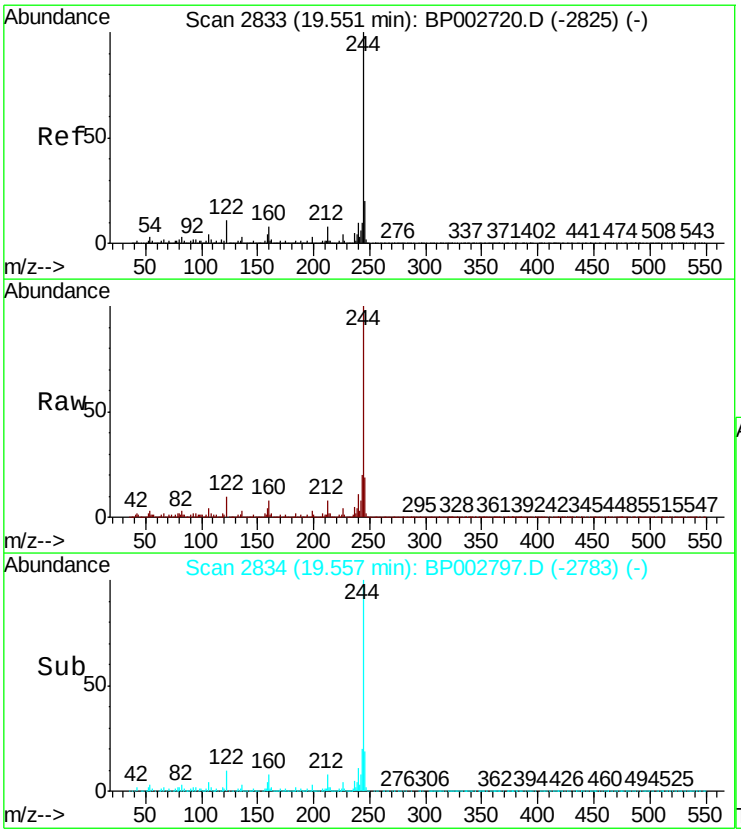
#78
Pyrene
Concen: 4.437 ng
RT: 19.35 min Scan# 2798
Delta R.T. -0.01 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Instrument :
BNA_P
ClientSampleId :
AU-05-071720

Tgt Ion:202 Resp: 221448

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.7	26.5
203	17.1	14.5	21.7

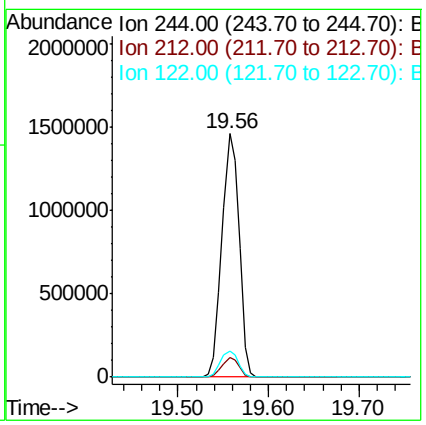


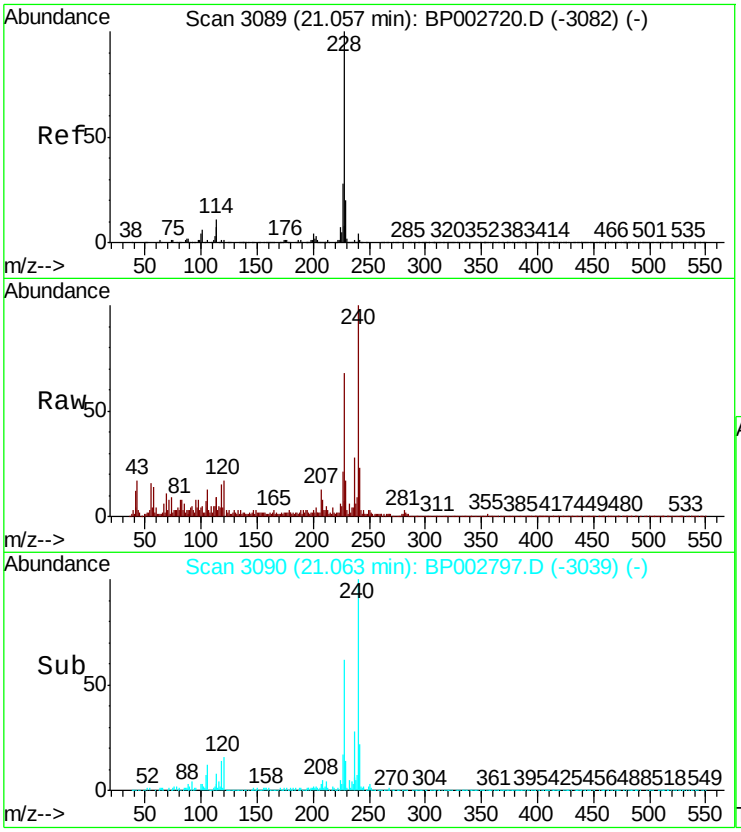


#79
Terphenyl-d14
Concen: 60.851 ng
RT: 19.56 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Tgt Ion:244 Resp: 1918667

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	10.4	8.9	13.3



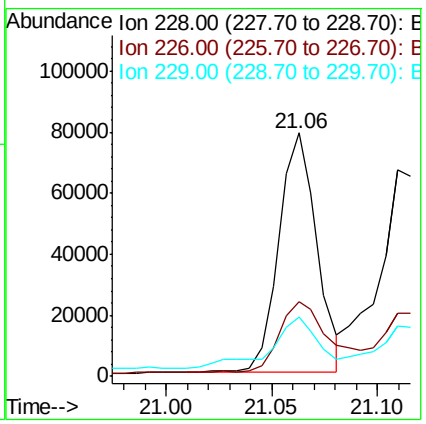


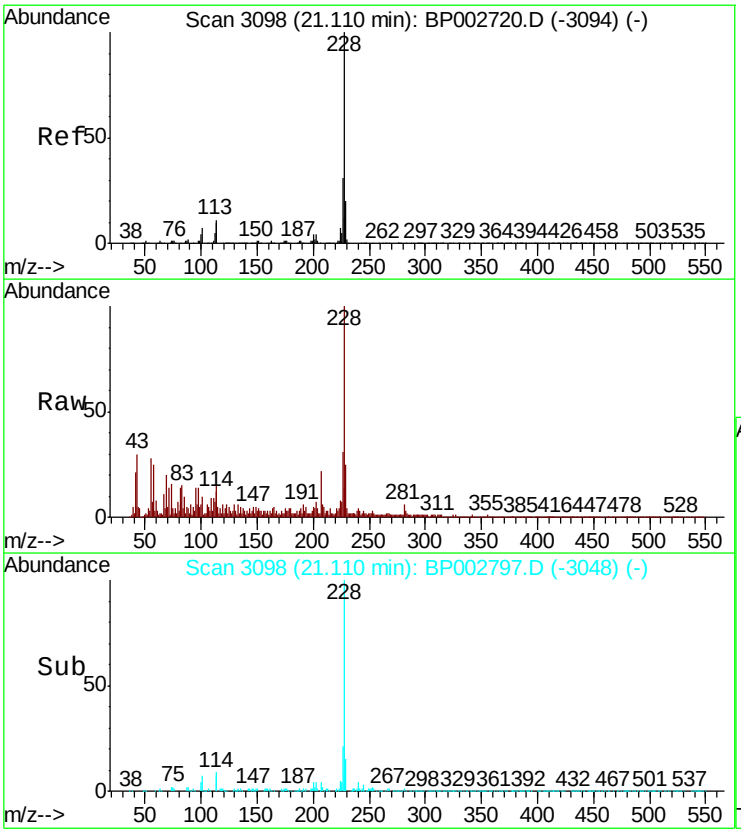
#81
Benzo(a)anthracene
Concen: 2.091 ng
RT: 21.06 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Instrument :
BNA_P
ClientSampleId :
AU-05-071720

Tgt Ion:228 Resp: 97873

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	34.0
229	24.5	16.0	24.0#

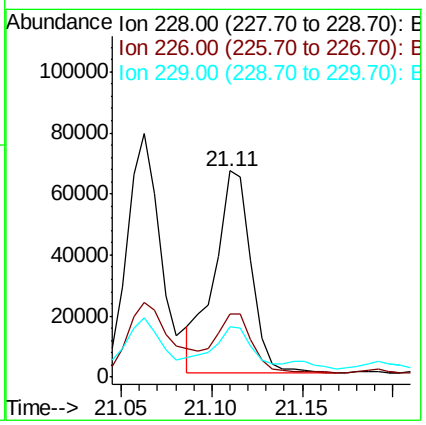


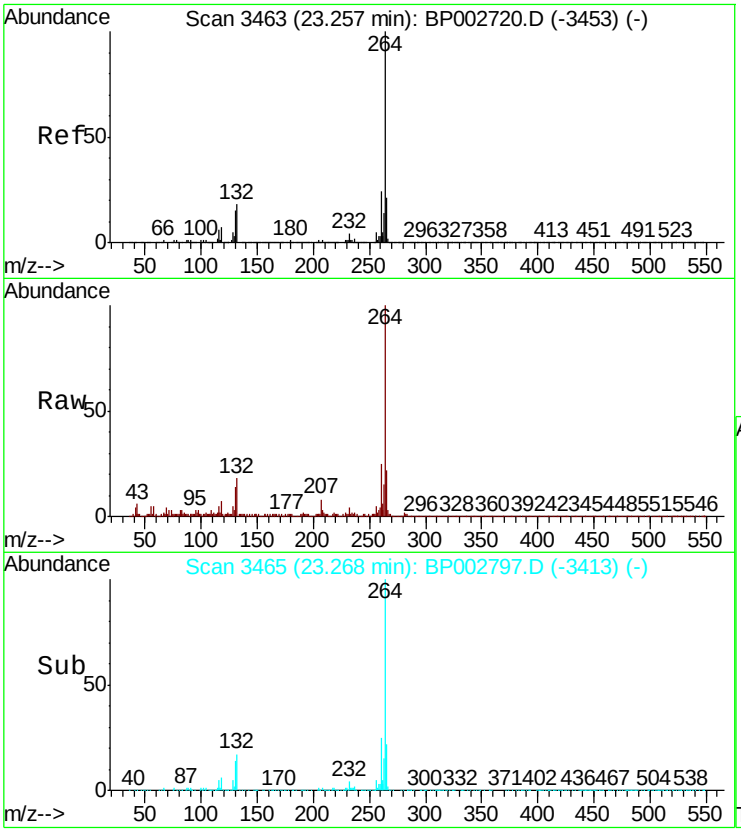


#83
Chrysene
Concen: 2.109 ng
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Tgt Ion:228 Resp: 93928

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	24.7	15.7	23.5#



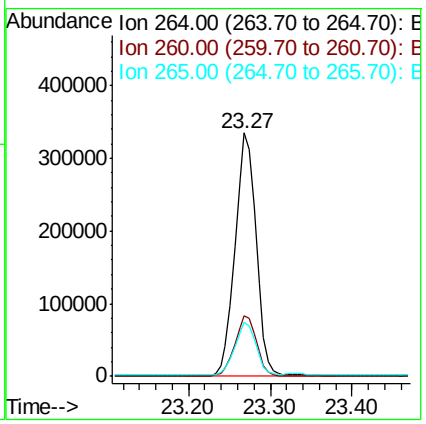


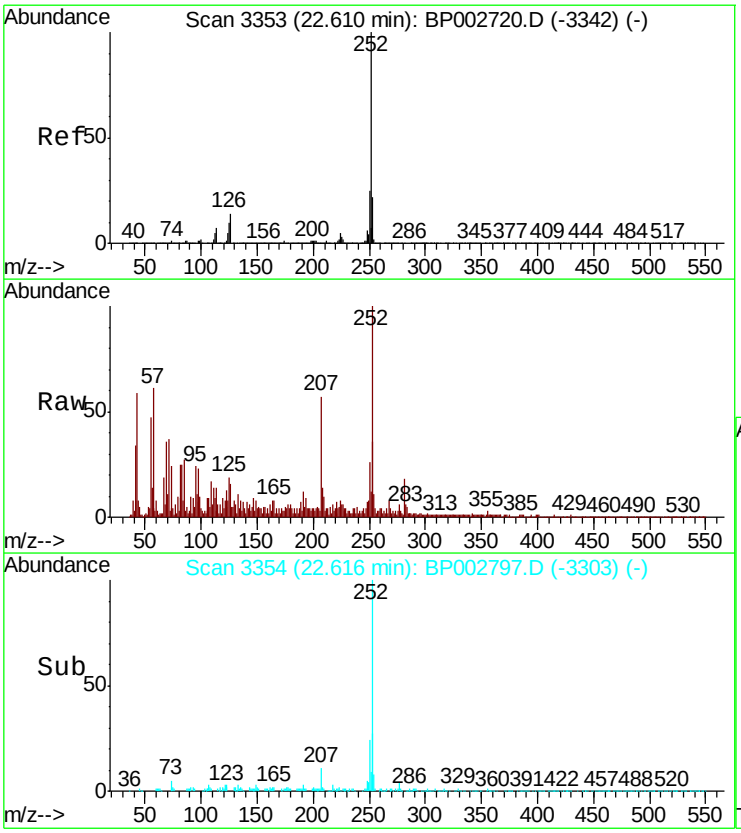
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.27 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Instrument :
BNA_P
ClientSampleId :
AU-05-071720

Tgt Ion:264 Resp: 600604

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	22.1	16.8	25.2

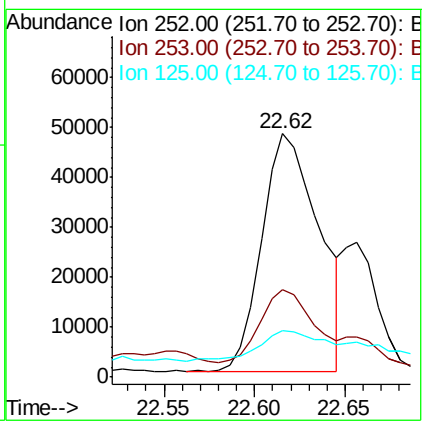


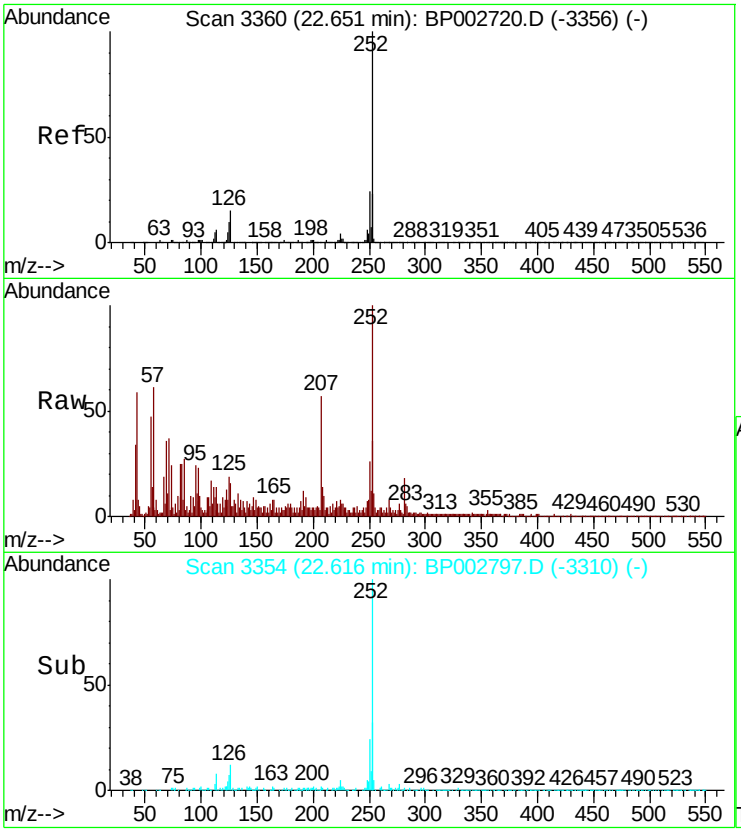


#88
Benzo(b)fluoranthene
Concen: 2.805 ng
RT: 22.62 min Scan# 3354
Delta R.T. 0.00 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Tgt Ion:252 Resp: 104616

Ion	Ratio	Lower	Upper
252	100		
253	35.9	17.7	26.5#
125	18.8	8.2	12.2#



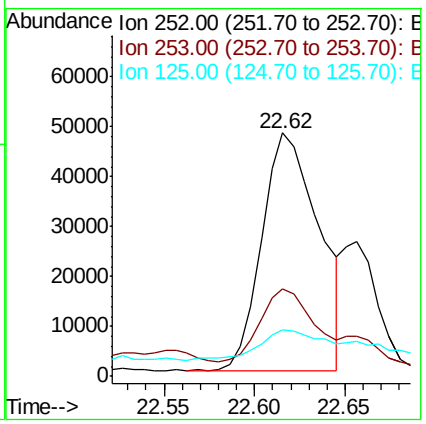


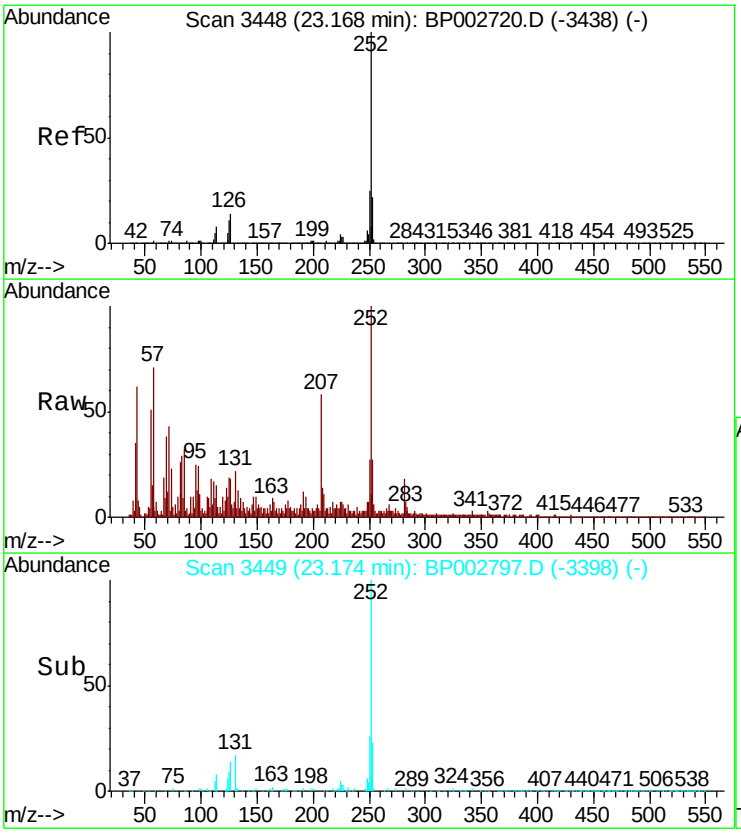
#89
Benzo(k)fluoranthene
Concen: 2.848 ng
RT: 22.62 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Instrument :
BNA_P
ClientSampleId :
AU-05-071720

Tgt Ion:252 Resp: 104616

Ion	Ratio	Lower	Upper
252	100		
253	35.9	17.8	26.8#
125	18.8	8.3	12.5#

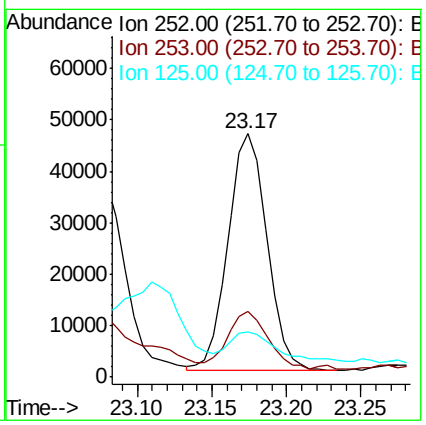


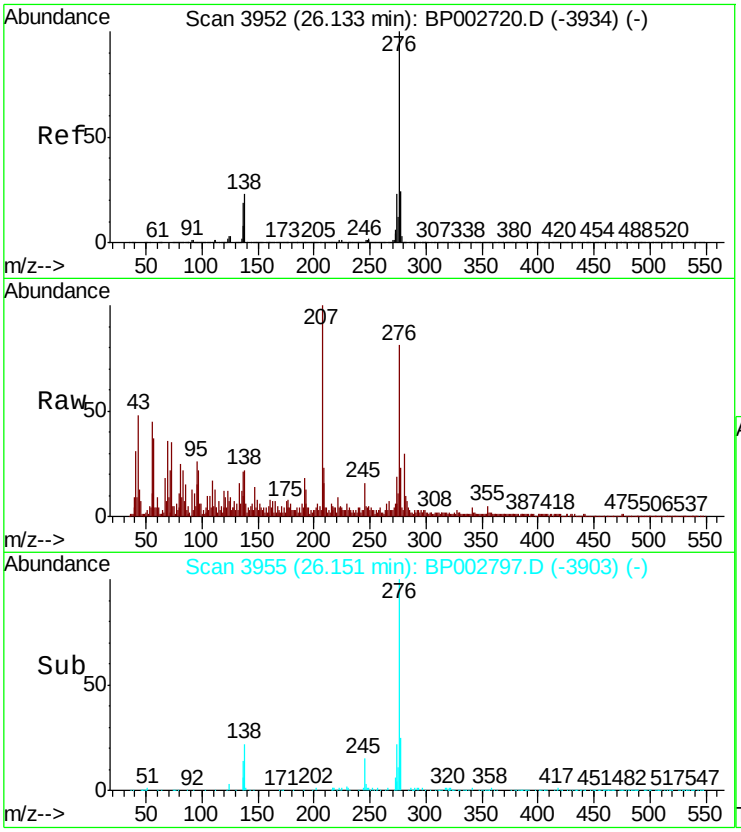


#90
Benzo(a)pyrene
Concen: 2.376 ng
RT: 23.17 min Scan# 3449
Delta R.T. 0.00 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Tgt Ion:252 Resp: 83985

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.6	26.4#
125	18.8	8.6	13.0#





#92
Benzo(g,h,i)perylene
Concen: 2.017 ng
RT: 26.15 min Scan# 3955
Delta R.T. 0.01 min
Lab File: BP002797.D
Acq: 20 Jul 2020 13:13

Instrument :
BNA_P
ClientSampleId :
AU-05-071720

Tgt Ion:276 Resp: 71605

Ion	Ratio	Lower	Upper
276	100		
277	28.1	19.1	28.7
138	26.6	18.3	27.5