Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002324.D
Acq On : 29 May 2020 20:18
Operator : CG/JU
Sample : L2746-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: May 30 00:47:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 15:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	310837	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	1286784	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	773320	20.00	ng		0.00
64) Phenanthrene-d10	17.01	188	1646849	20.00	ng		0.00
76) Chrysene-d12	21.11	240	1458926	20.00	ng		0.00
86) Perylene-d12	23.32	264	1527440	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	700073	42.30	ng		0.00
7) Phenol-d6	6.79	99	974463	43.28	ng		0.00
23) Nitrobenzene-d5	8.75	82	622137	29.07	ng		0.00
42) 2,4,6-Tribromophenol	15.75	330	320760	43.76	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	1392138	31.77	ng		0.00
79) Terphenyl-d14	19.59	244	2019079	33.52	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.70	122	107	4.817	ng	#	62
50) Dimethylphthalate	13.71	163	429068	8.197	ng		99
71) Phenanthrene	17.05	178	374495	4.801	ng		98
75) Fluoranthene	19.03	202	776268	8.640	ng		99
78) Pyrene	19.38	202	740213	8.148	ng		99
81) Benzo(a)anthracene	21.09	228	407720	4.882	ng		99
83) Chrysene	21.14	228	382911	4.777	ng		98
87) Indeno(1,2,3-cd)pyrene	25.53	276	258546	2.735	ng		97
88) Benzo(b)fluoranthene	22.66	252	527270	6.332	ng	#	96
89) Benzo(k)fluoranthene	22.66	252	527270	6.598	ng	#	96
90) Benzo(a)pyrene	23.22	252	374114	4.843	ng	#	94
92) Benzo(g,h,i)perylene	26.20	276	268274	3.412	ng	#	93

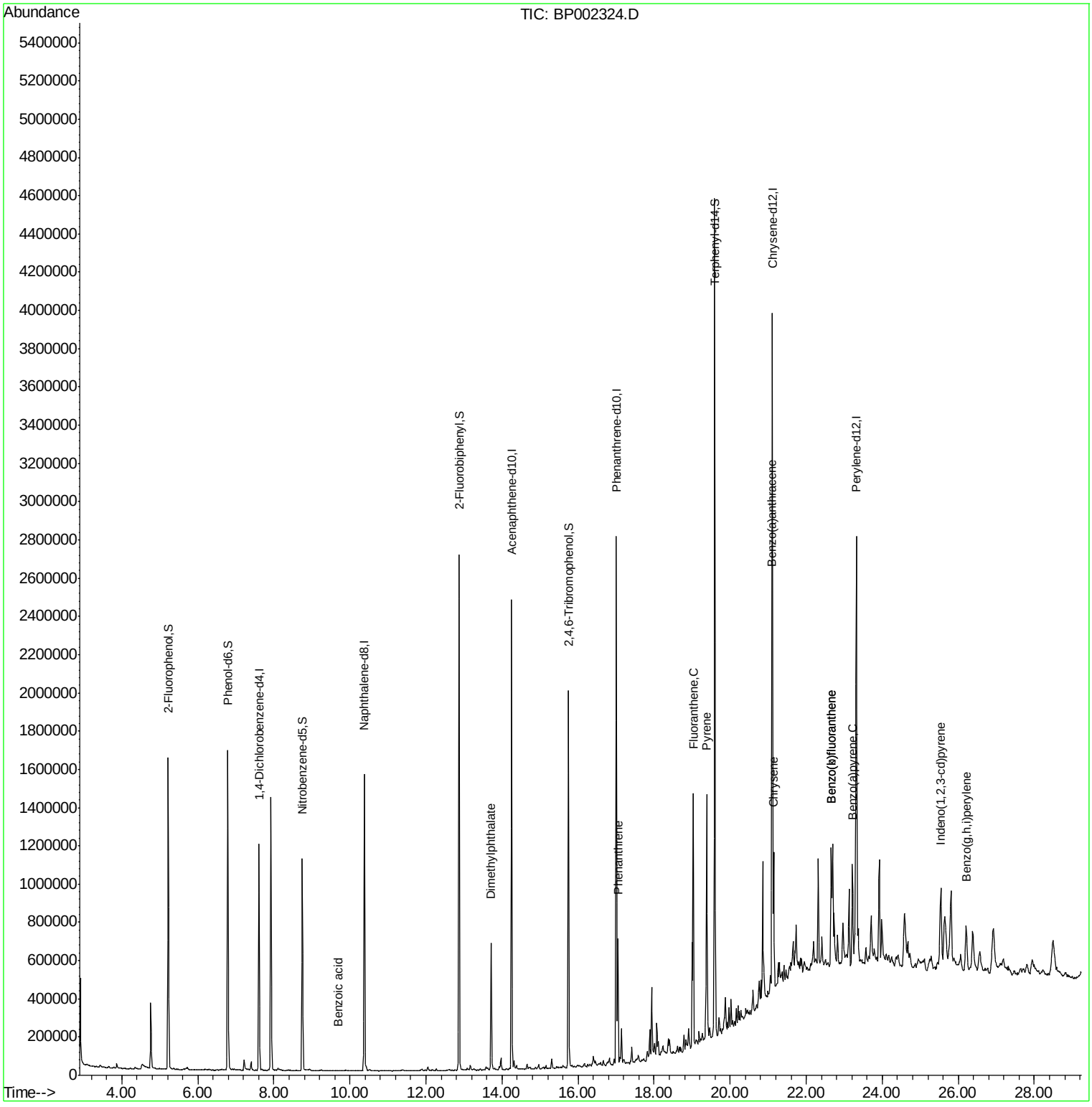
(#) = qualifier out of range (m) = manual integration (+) = signals summed

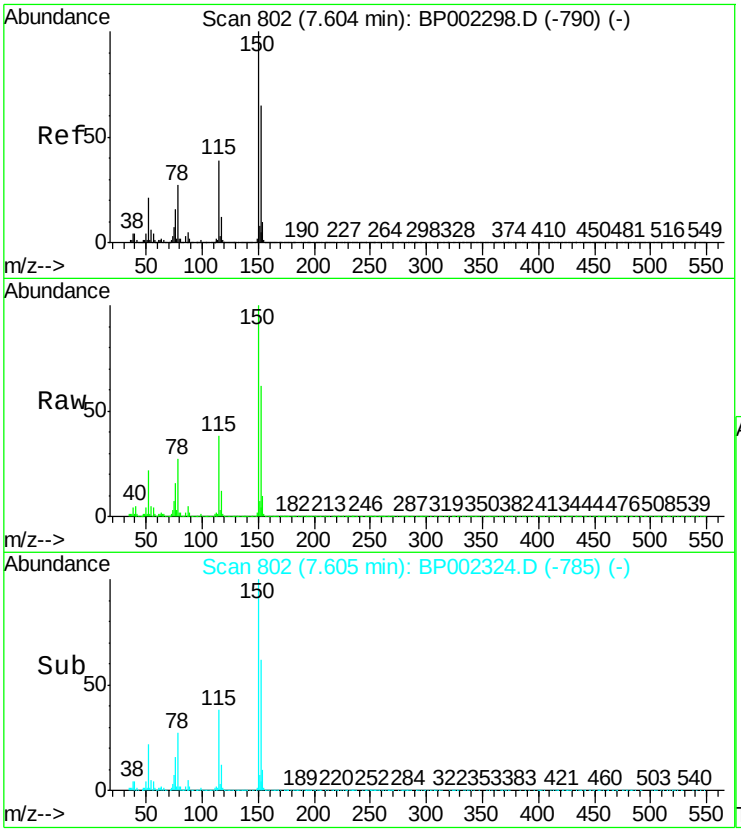
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002324.D
Acq On : 29 May 2020 20:18
Operator : CG/JU
Sample : L2746-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: May 30 00:47:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 15:09:03 2020
Response via : Initial Calibration



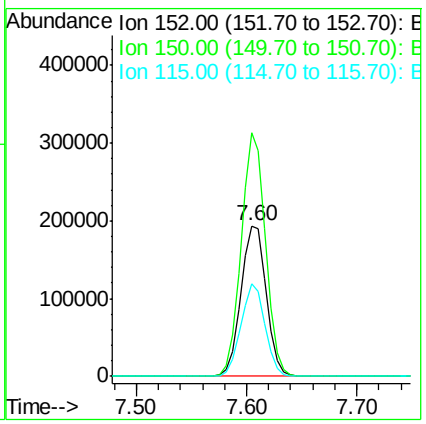


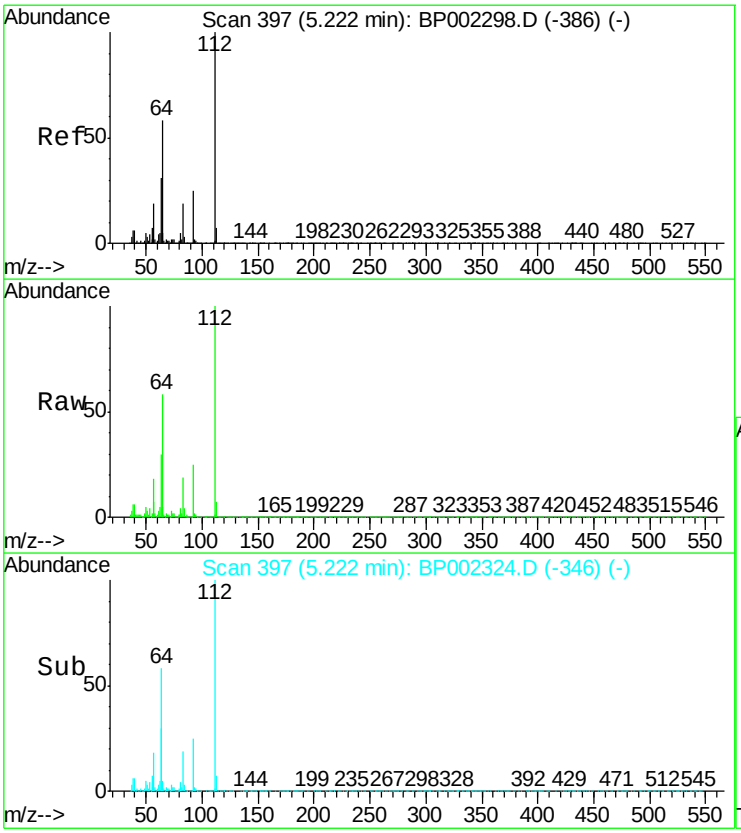
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 310837

Ion	Ratio	Lower	Upper
152	100		
150	161.9	124.7	187.1
115	61.8	49.4	74.2

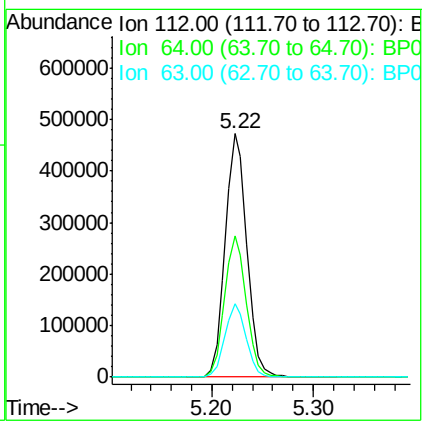


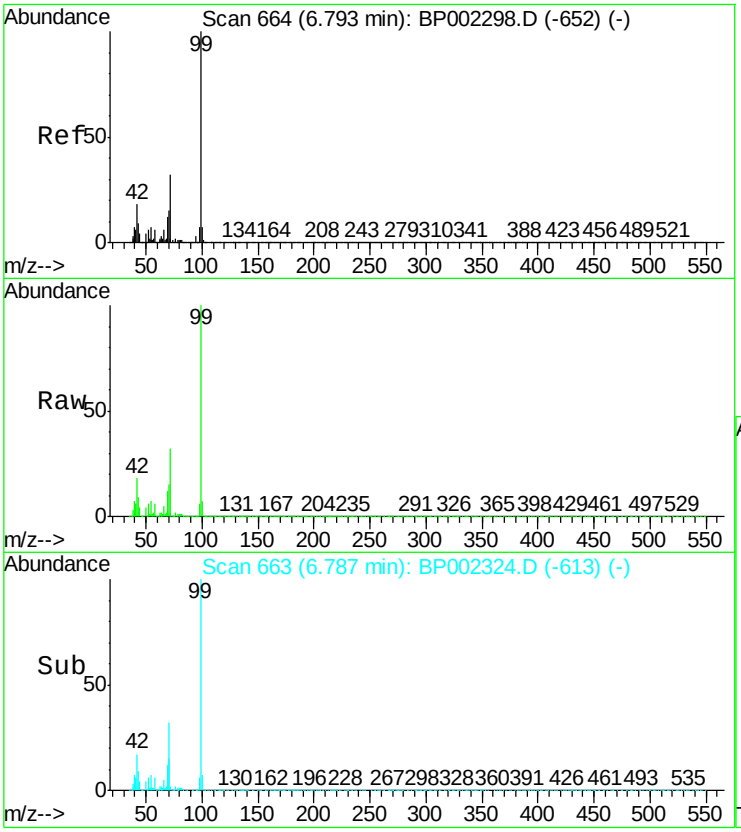


#5
2-Fluorophenol
Concen: 42.300 ng
RT: 5.22 min Scan# 397
Delta R.T. -0.00 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Tgt Ion:112 Resp: 700073

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.0	70.4
63	30.1	24.0	36.0



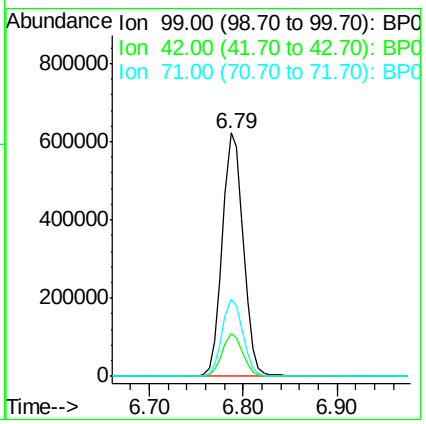


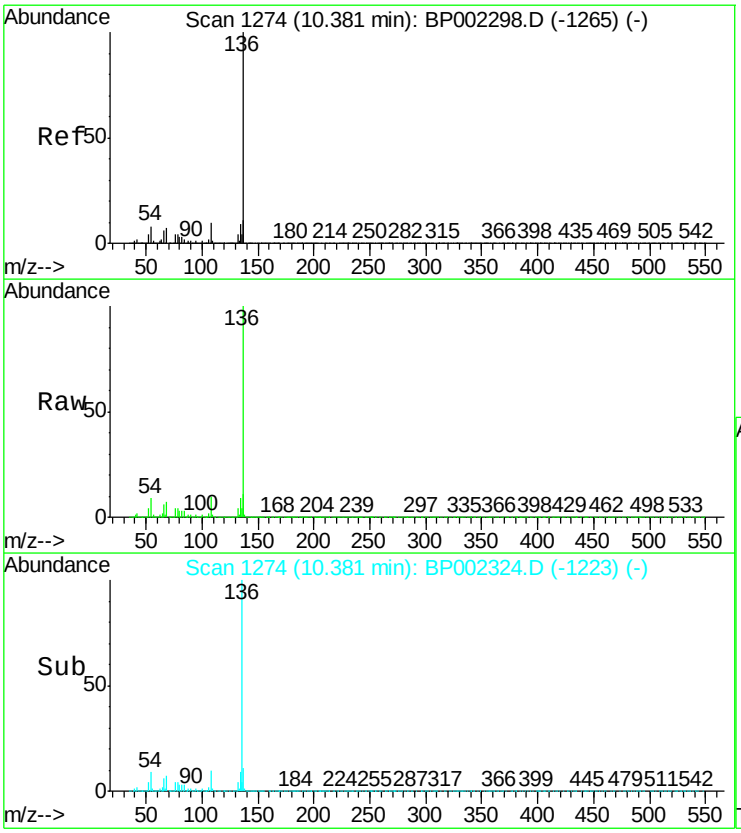
#7
Phenol-d6
Concen: 43.283 ng
RT: 6.79 min Scan# 663
Delta R.T. -0.01 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 974463

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.9	20.9
71	31.9	25.8	38.8

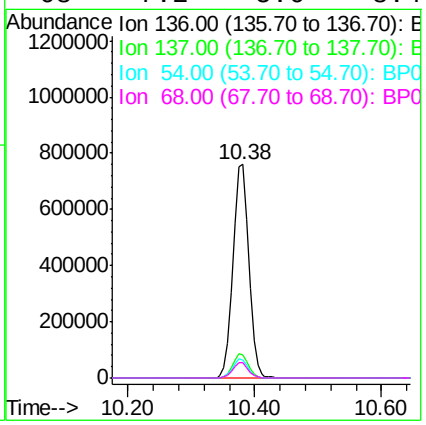


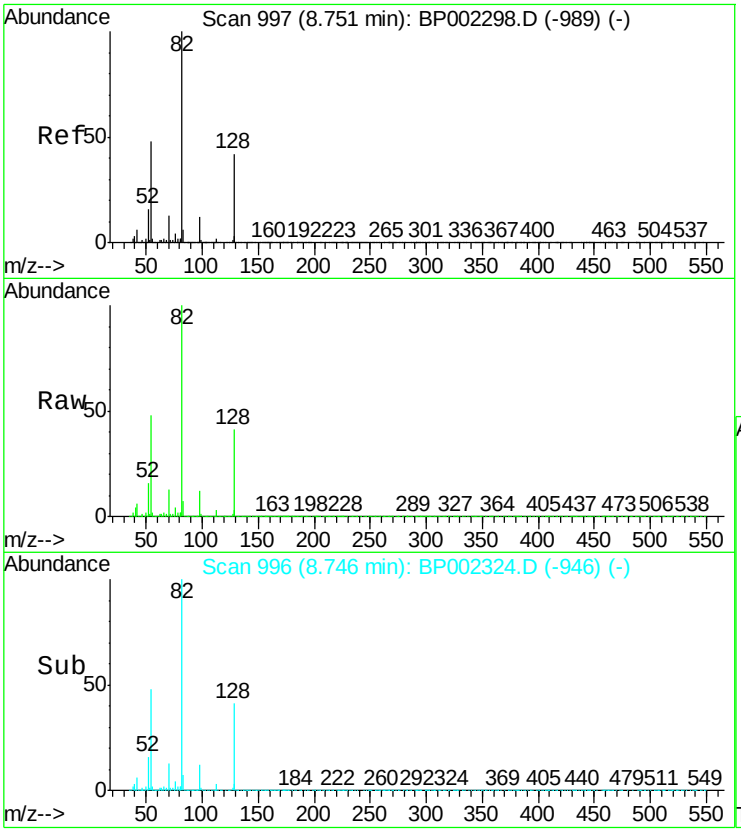


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.38 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Tgt Ion:136 Resp: 1286784

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.5	6.9	10.3
68	7.2	5.6	8.4



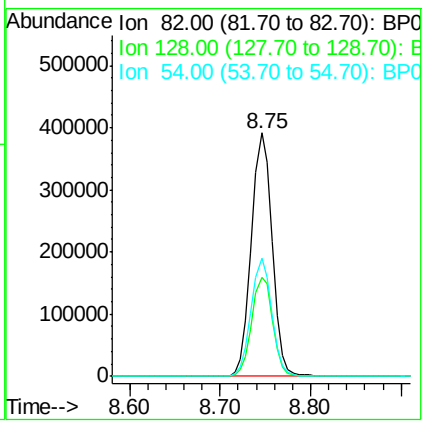


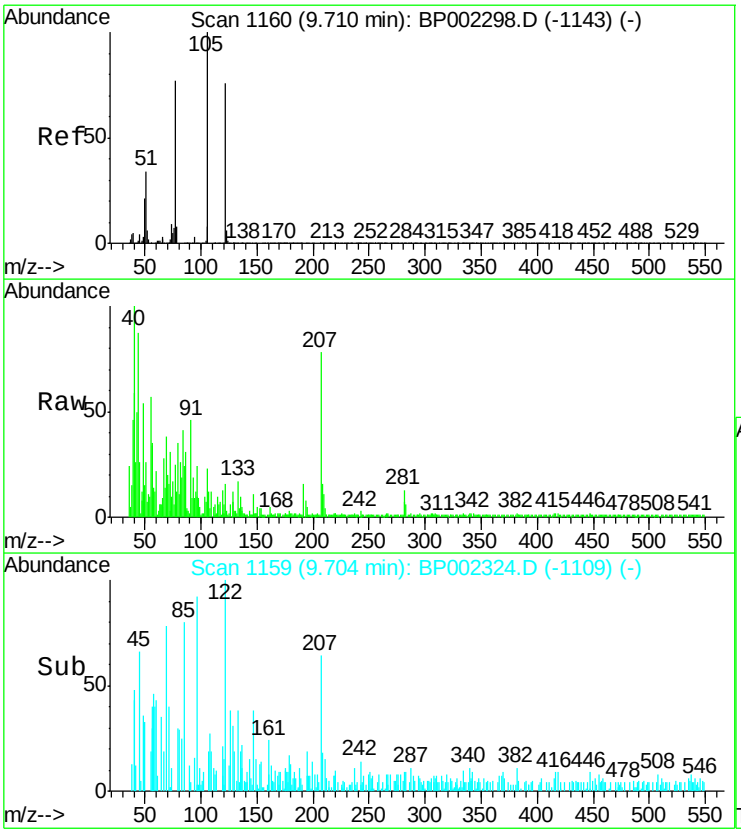
#23
Nitrobenzene-d5
Concen: 29.068 ng
RT: 8.75 min Scan# 996
Delta R.T. -0.01 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 622137

Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.4	50.0
54	48.4	38.3	57.5

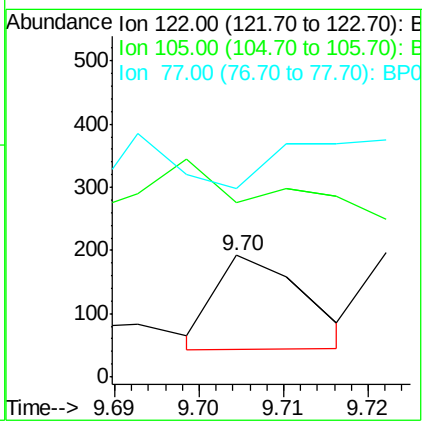


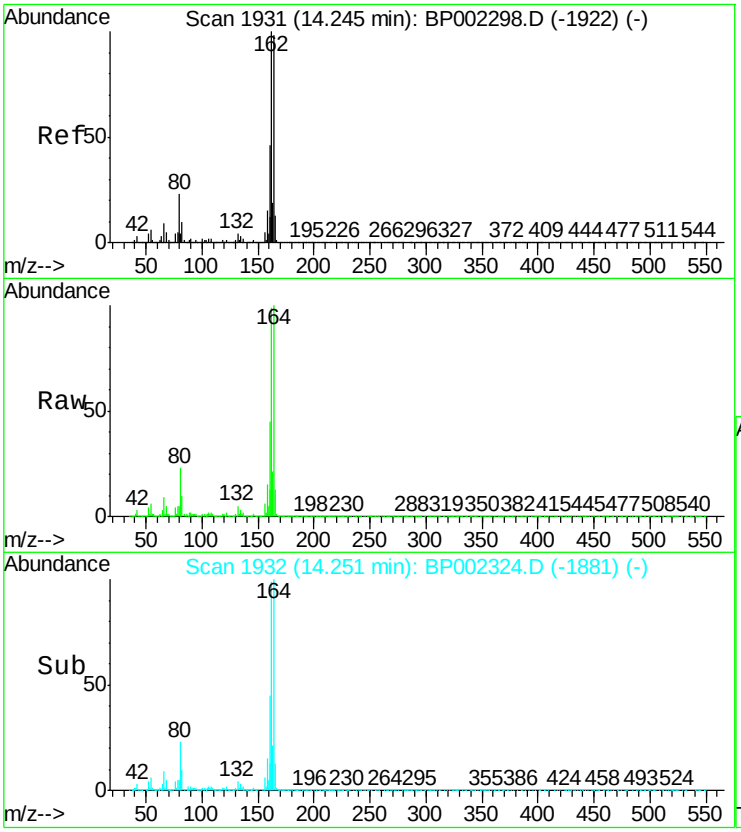


#32
Benzoic acid
Concen: 4.817 ng
RT: 9.70 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Tgt Ion:122 Resp: 107

Ion	Ratio	Lower	Upper
122	100		
105	143.8	102.7	142.7#
77	155.7	74.8	114.8#



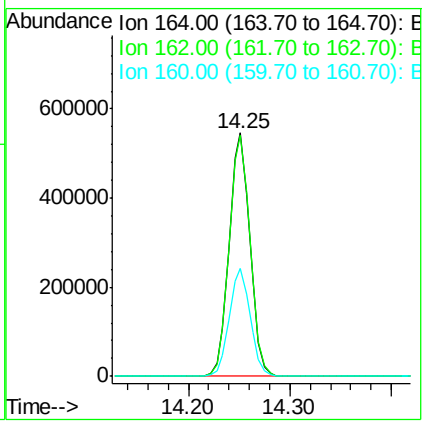


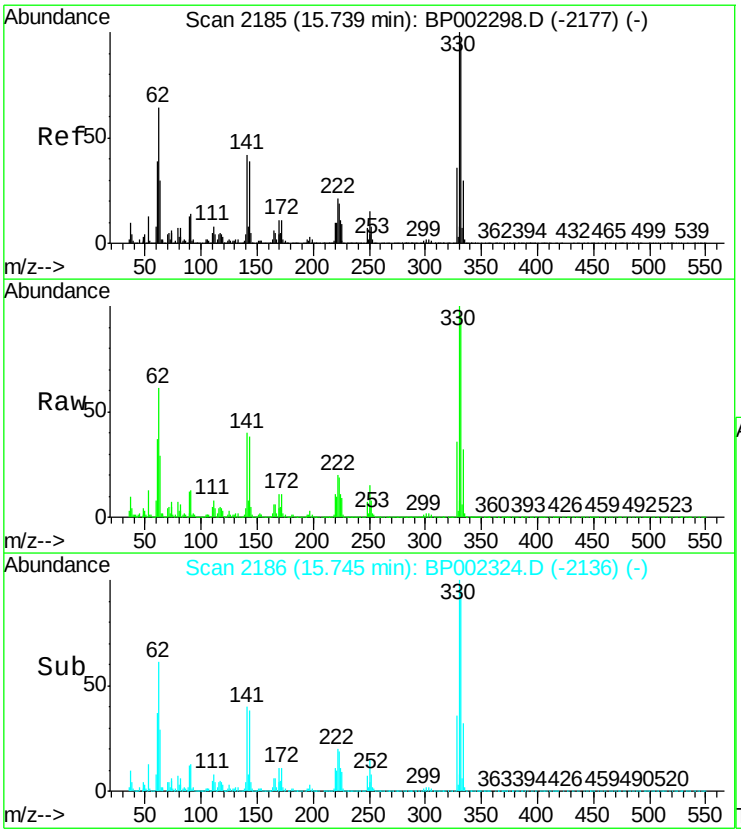
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 773320

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.3	121.9
160	44.6	37.2	55.8

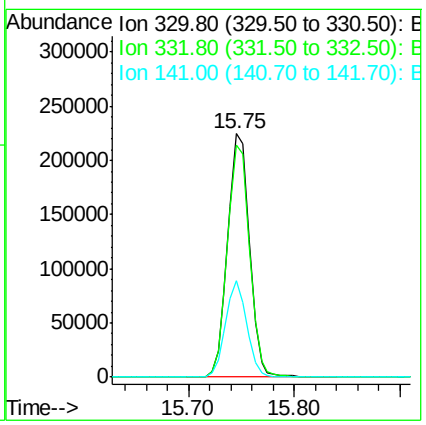


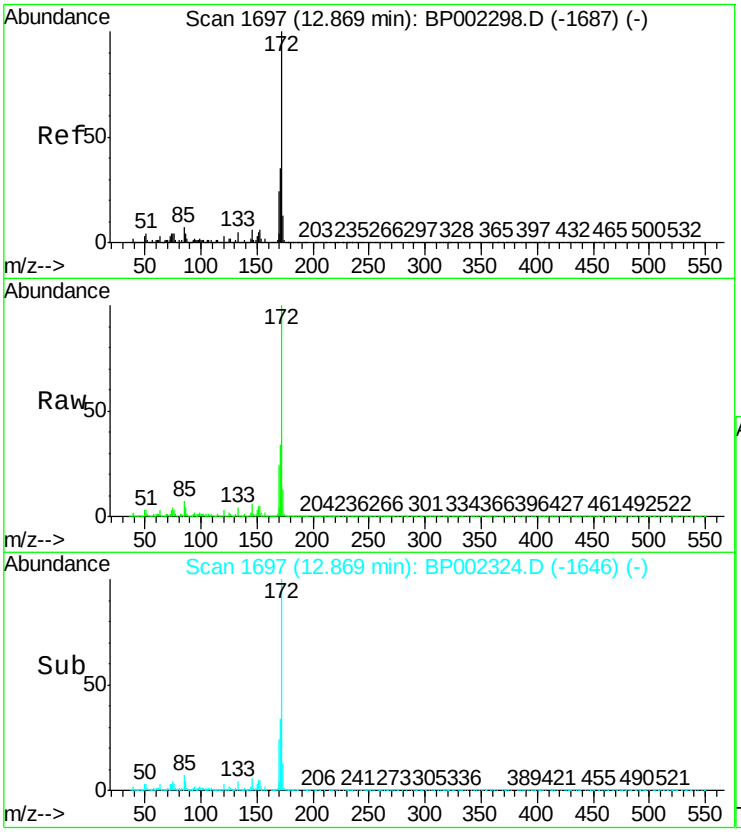


#42
2,4,6-Tribromophenol
Concen: 43.765 ng
RT: 15.75 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Tgt Ion:330 Resp: 320760

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.9	115.3
141	38.4	31.4	47.2



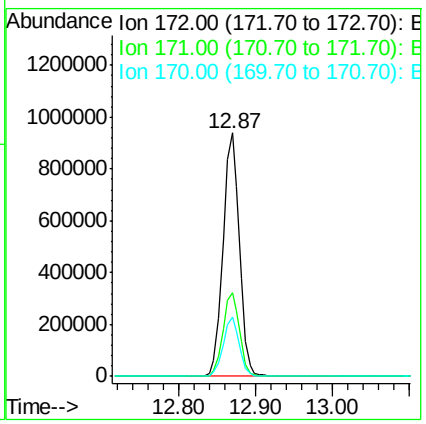


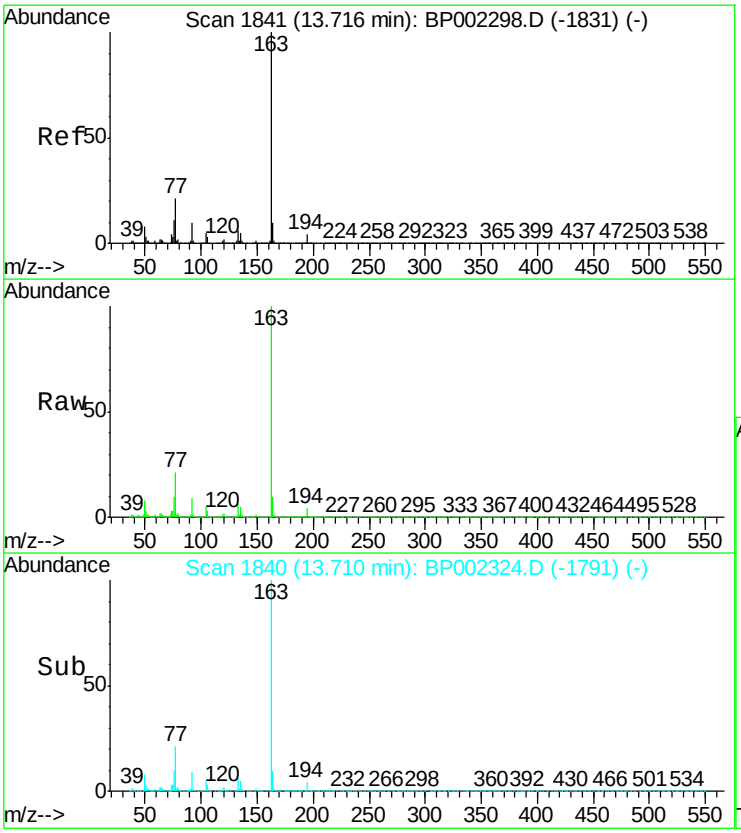
#45
2-Fluorobiphenyl
Concen: 31.765 ng
RT: 12.87 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 1392138

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.6	41.4
170	24.2	18.9	28.3

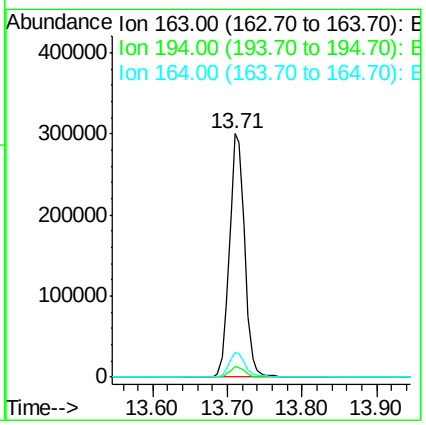


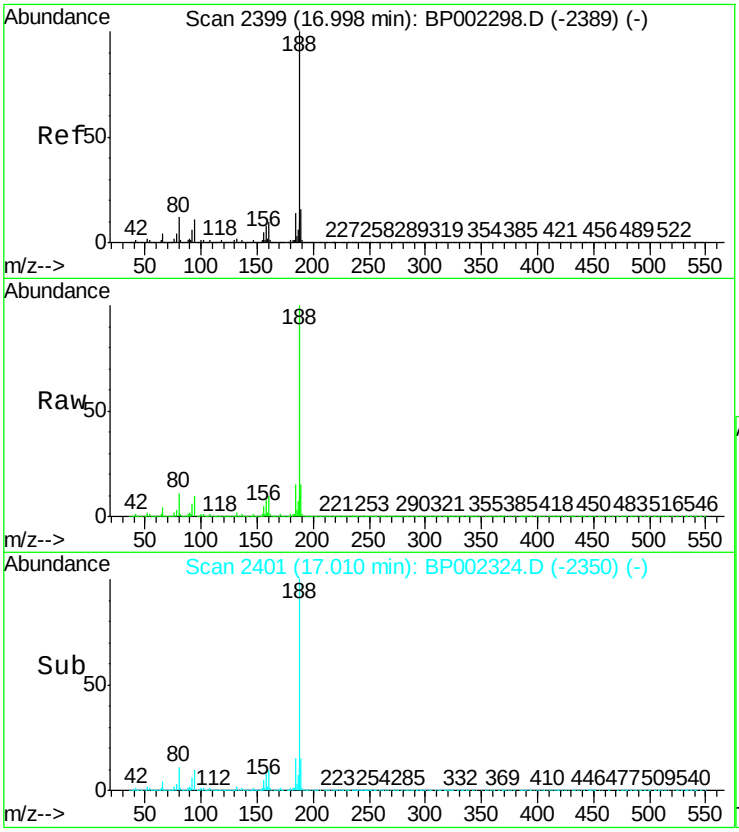


#50
Dimethylphthalate
Concen: 8.197 ng
RT: 13.71 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Tgt Ion:163 Resp: 429068

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	8.1	12.1



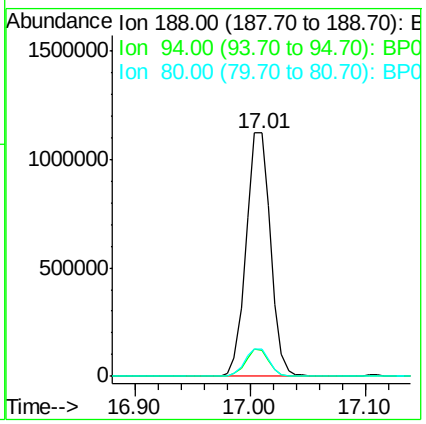


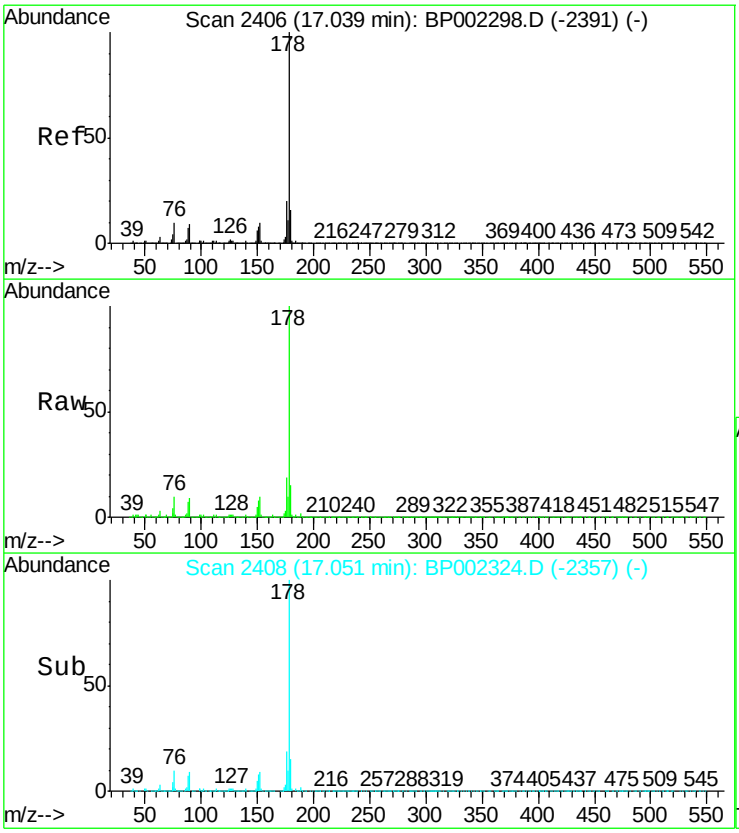
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 1646849

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.7	13.1
80	11.0	9.3	13.9

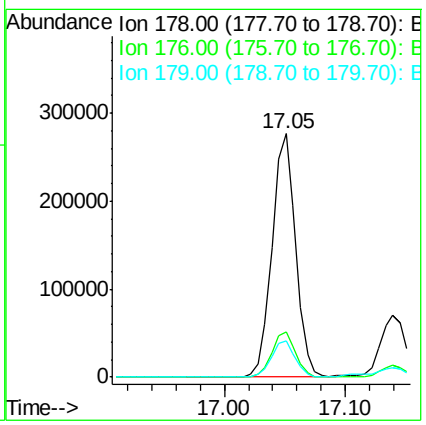


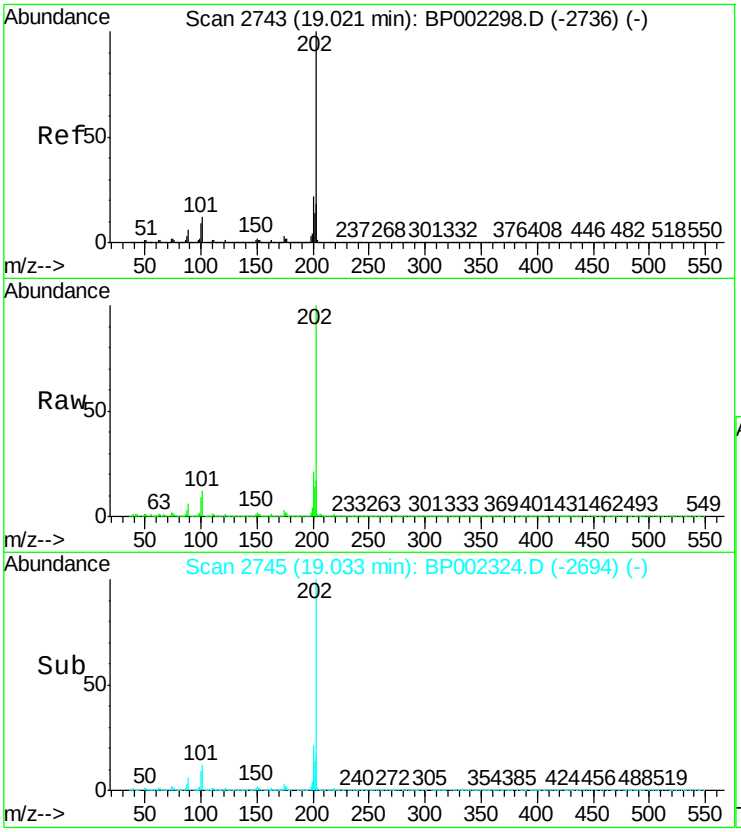


#71
Phenanthrene
Concen: 4.801 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Tgt Ion:178 Resp: 374495

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	14.9	12.6	18.8



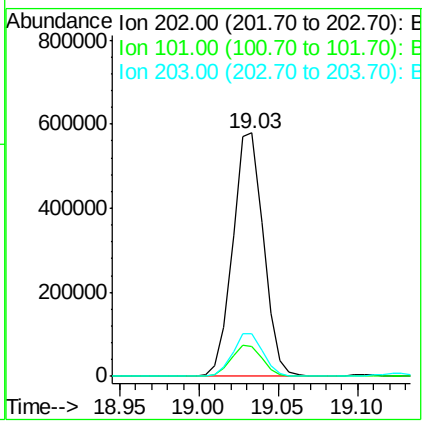


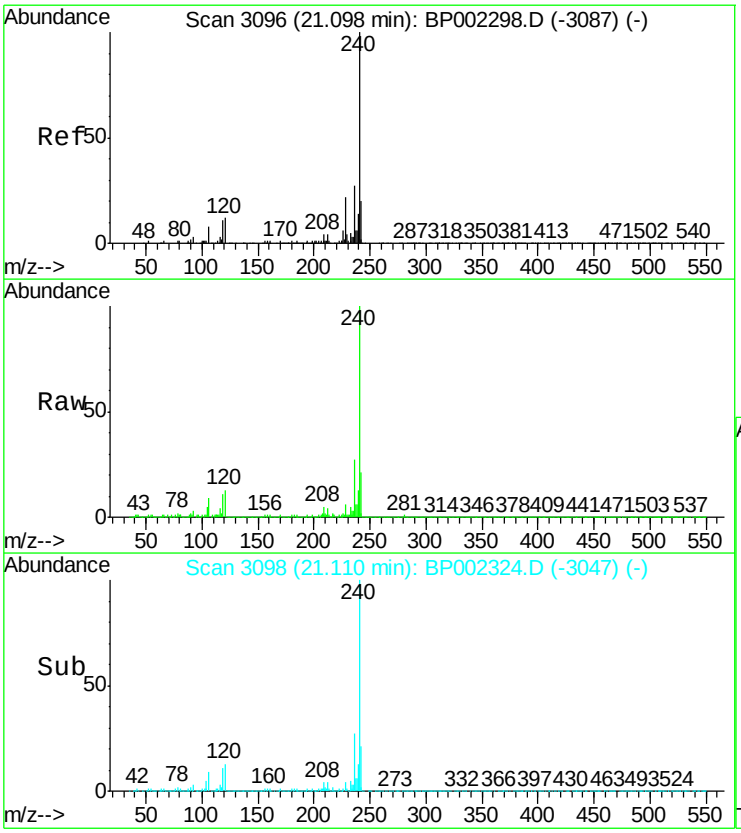
#75
Fluoranthene
Concen: 8.640 ng
RT: 19.03 min Scan# 2745
Delta R.T. -0.00 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 776268

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.1
203	17.3	0.0	37.6

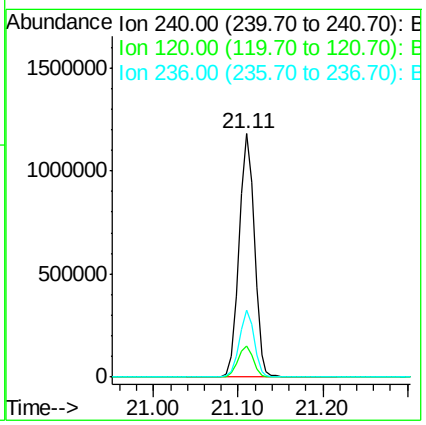


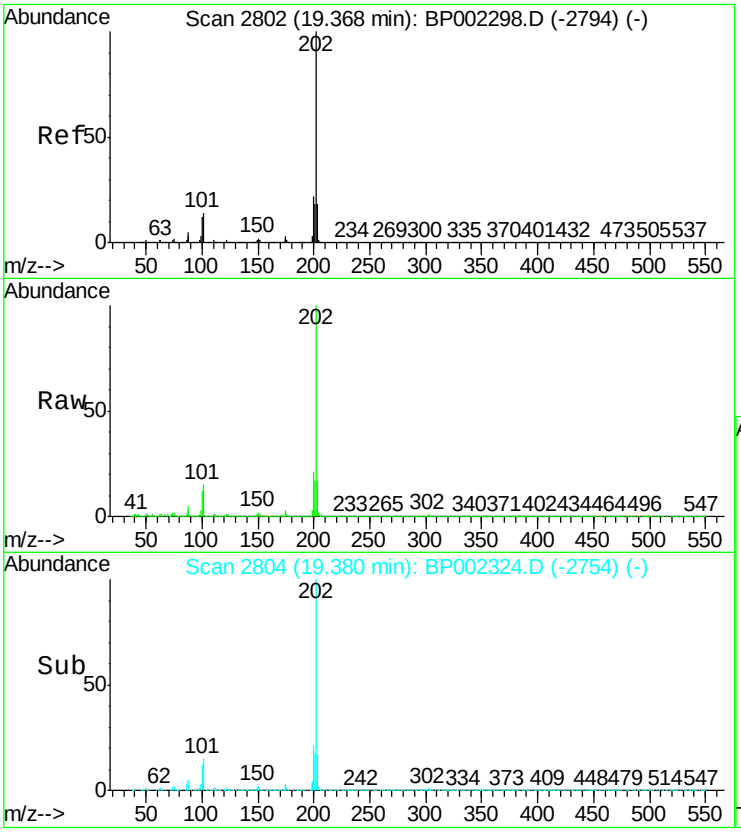


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.11 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Tgt Ion:240 Resp: 1458926

Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.7	13.1
236	27.5	21.0	31.4



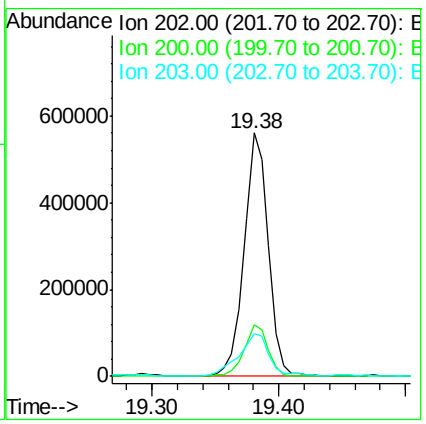


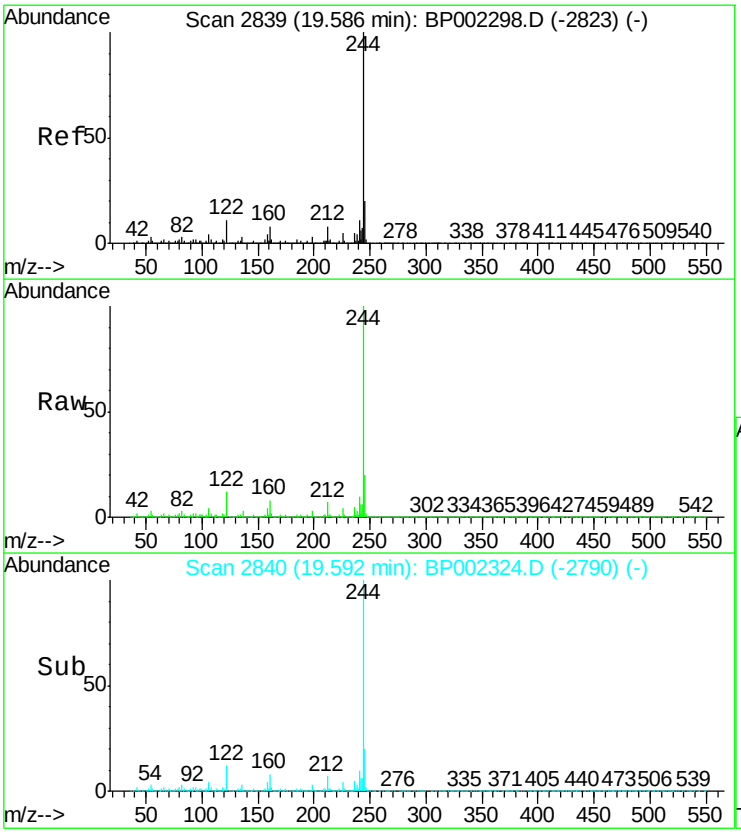
#78
Pyrene
Concen: 8.148 ng
RT: 19.38 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 740213

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.3	25.9
203	17.5	13.8	20.6

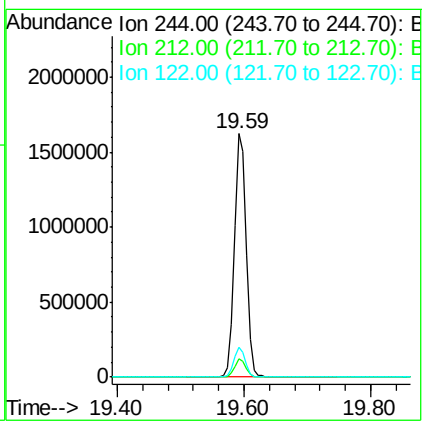


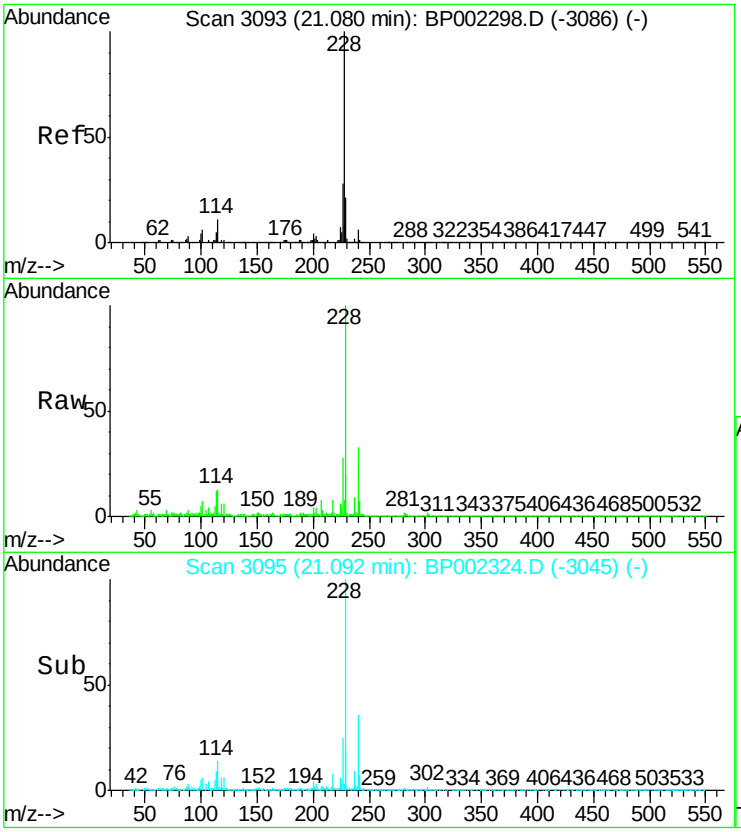


#79
Terphenyl-d14
Concen: 33.515 ng
RT: 19.59 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Tgt Ion:244 Resp: 2019079

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	12.1	9.4	14.0



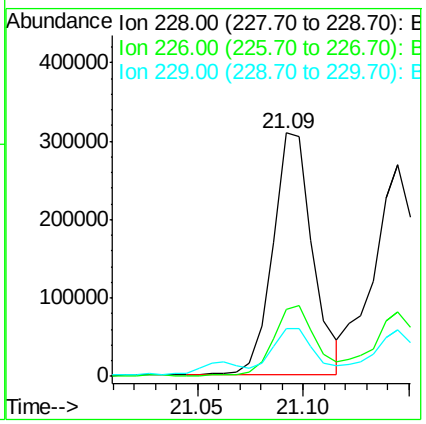


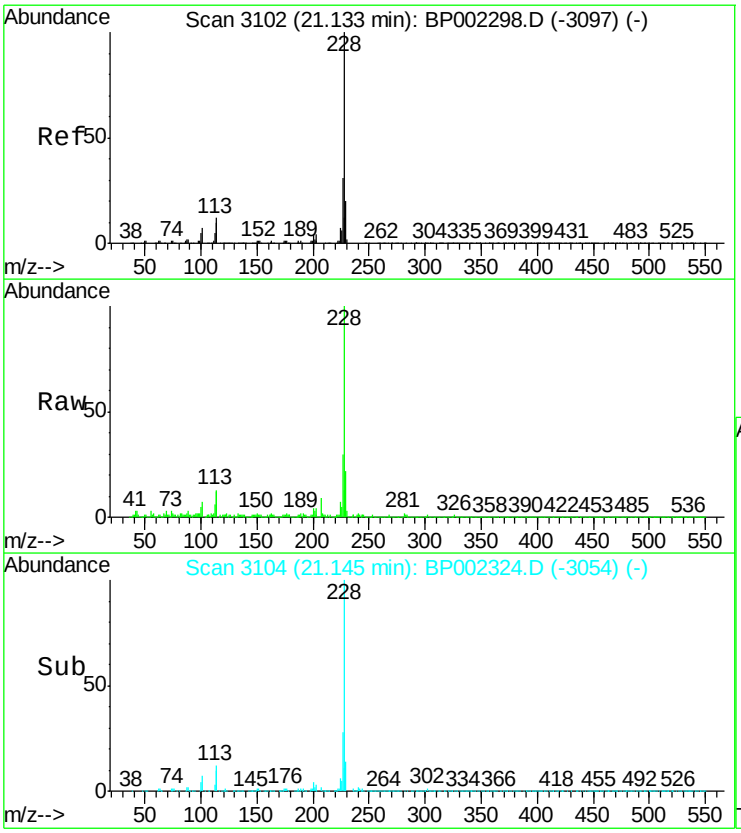
#81
Benzo(a)anthracene
Concen: 4.882 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 407720

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.7	34.1
229	19.7	16.3	24.5

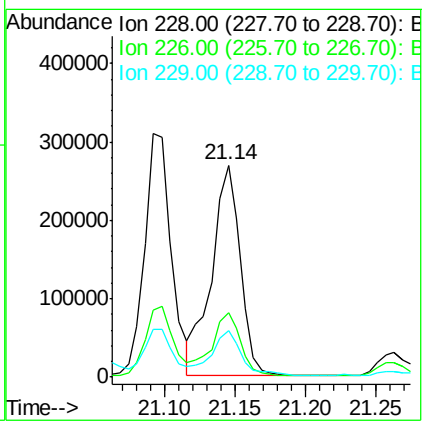


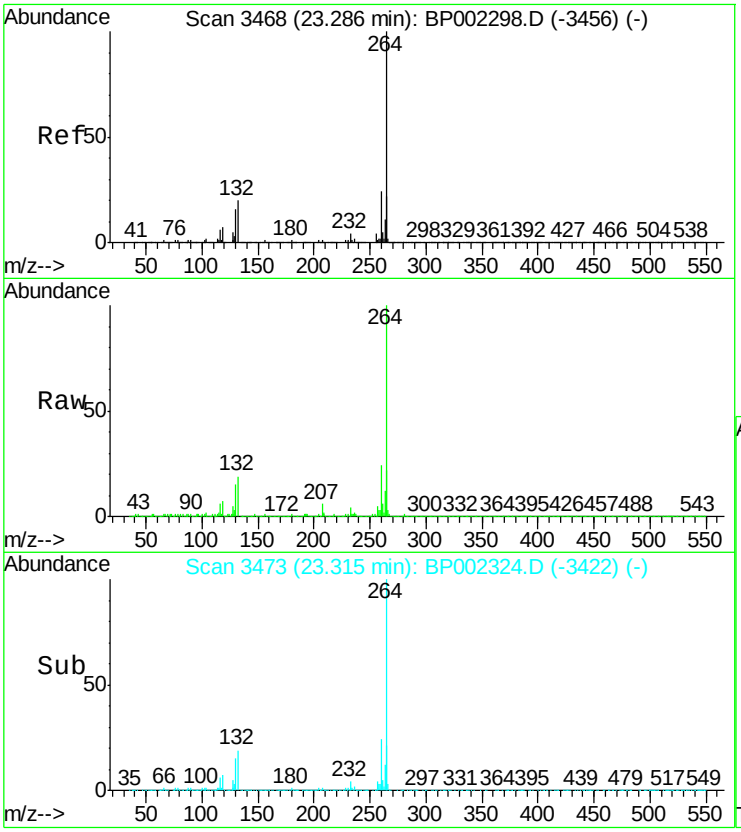


#83
Chrysene
Concen: 4.777 ng
RT: 21.14 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Tgt Ion:228 Resp: 382911

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.1	16.2	24.4



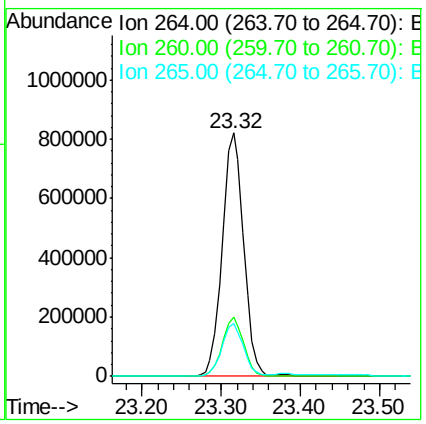


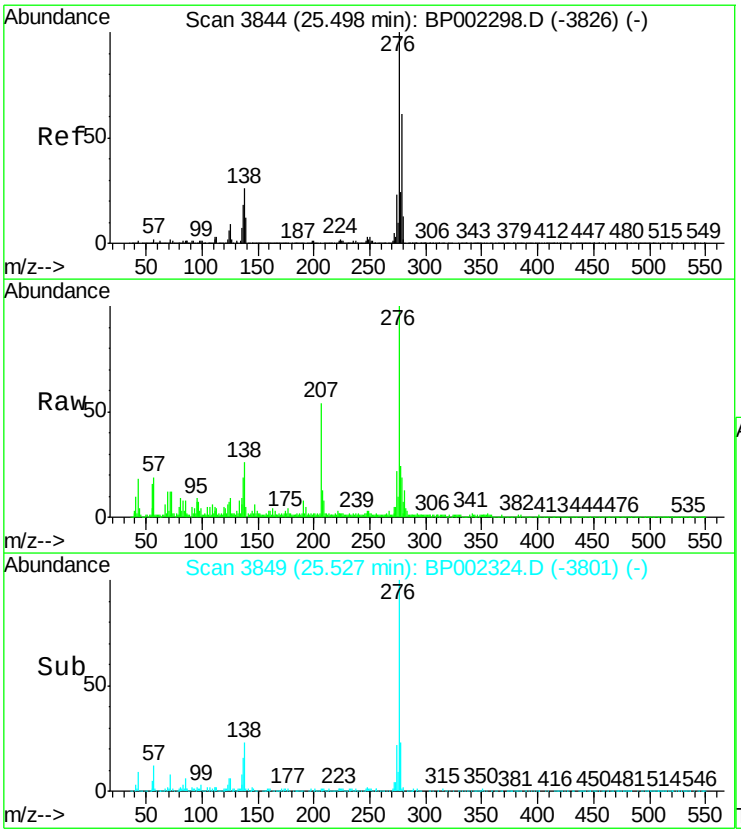
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3473
Delta R.T. -0.00 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 1527440

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.5	17.8	26.6

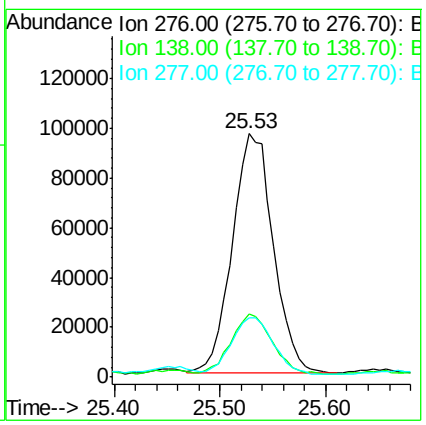


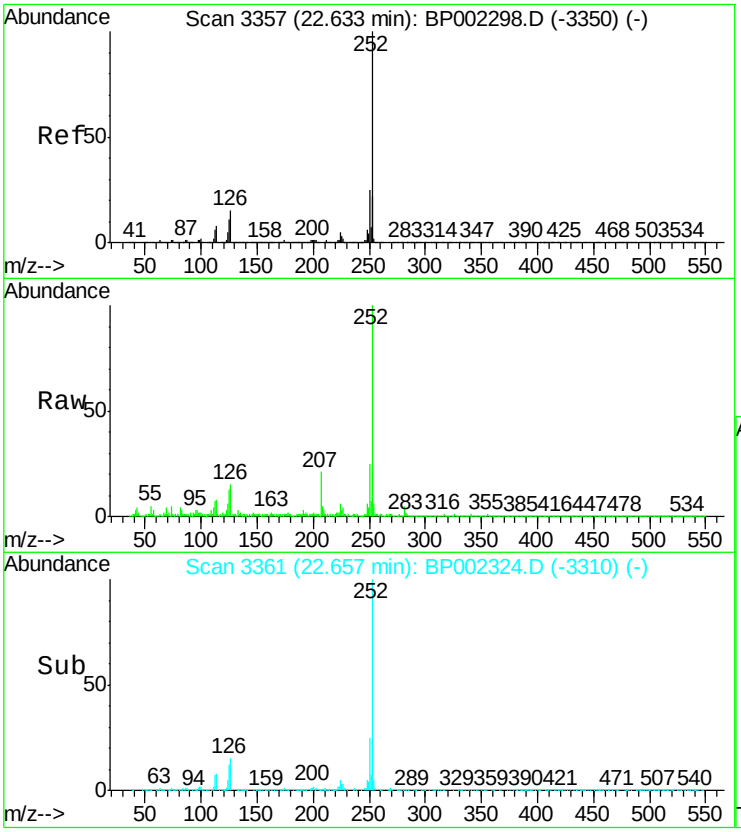


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.735 ng
RT: 25.53 min Scan# 3849
Delta R.T. -0.02 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Tgt Ion:276 Resp: 258546

Ion	Ratio	Lower	Upper
276	100		
138	25.3	18.2	27.4
277	24.3	20.2	30.2



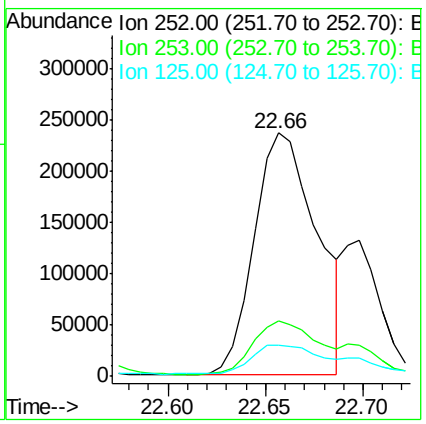


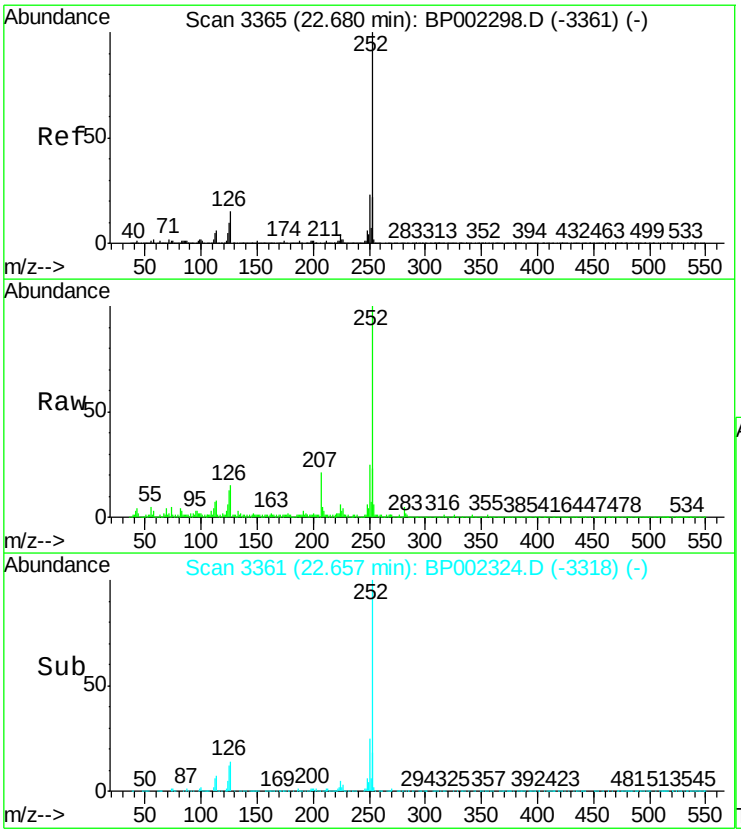
#88
Benzo(b)fluoranthene
Concen: 6.332 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 527270

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	12.9	7.2	10.8#

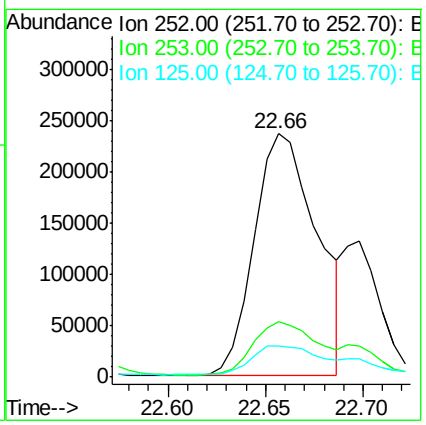


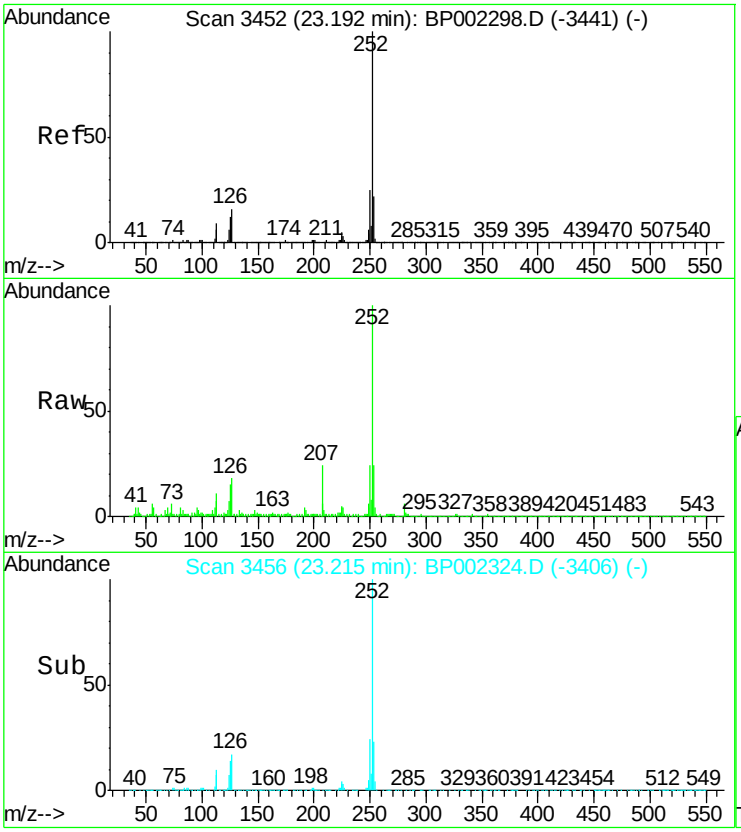


#89
Benzo(k)fluoranthene
Concen: 6.598 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.05 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Tgt Ion:252 Resp: 527270

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	12.9	7.4	11.2#



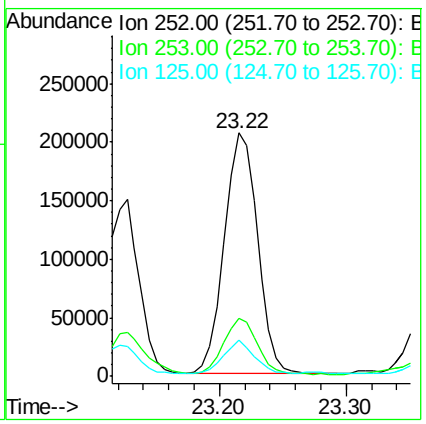


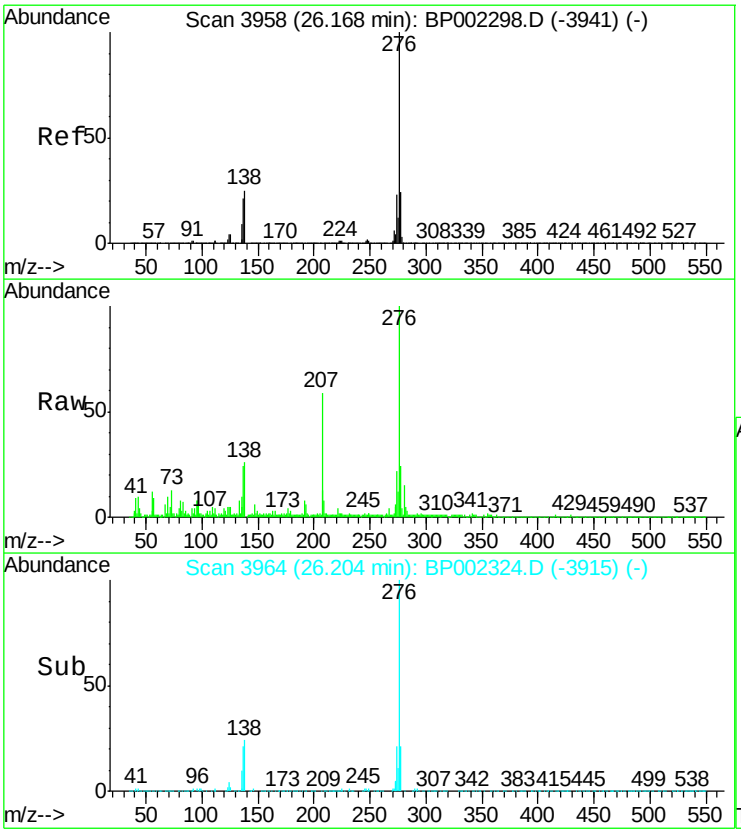
#90
Benzo(a)pyrene
Concen: 4.843 ng
RT: 23.22 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 374114

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	14.6	8.4	12.6#





#92
Benzo(g,h,i)perylene
Concen: 3.412 ng
RT: 26.20 min Scan# 3964
Delta R.T. -0.01 min
Lab File: BP002324.D
Acq: 29 May 2020 20:18

Tgt Ion:276 Resp: 268274

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	25.7	16.0	24.0#