Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002919.D
Acq On : 06 Aug 2020 14:41
Operator : CG/JU
Sample : L3548-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-019

Quant Time: Aug 06 15:11:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 15:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	348868	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1394354	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	909689	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	2095780	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	2626989	20.00	ng	0.00
86) Perylene-d12	23.46	264	2905647	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2980971	130.78	ng	0.00
7) Phenol-d6	6.89	99	3821732	120.76	ng	0.00
23) Nitrobenzene-d5	8.85	82	2169919	84.29	ng	-0.01
42) 2,4,6-Tribromophenol	15.84	330	1943175	171.87	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	5752530	86.40	ng	-0.01
79) Terphenyl-d14	19.68	244	9361164	71.34	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.62	139	187	4.535	ng	# 1
32) Benzoic acid	9.79	122	431	7.714	ng	# 80
48) 2-Nitroaniline	13.40	65	150	3.981	ng	# 48
50) Dimethylphthalate	13.80	163	459288	6.455	ng	100
51) 2,6-Dinitrotoluene	13.91	165	661	2.938	ng	95
53) 3-Nitroaniline	14.25	138	480	3.300	ng	# 86
54) 2,4-Dinitrophenol	14.46	184	33	8.062	ng	# 1
57) 2,4-Dinitrotoluene	14.71	165	941	3.847	ng	# 89
62) 4-Nitroaniline	15.42	138	637	2.453	ng	# 74
65) 4,6-Dinitro-2-methylphenol	15.47	198	15	6.901	ng	# 1
75) Fluoranthene	19.12	202	642731	4.539	ng	98
78) Pyrene	19.47	202	646376	3.520	ng	96
80) Butylbenzylphthalate	20.36	149	18767	3.293	ng	95
81) Benzo(a)anthracene	21.17	228	503528	2.814	ng	99
83) Chrysene	21.23	228	548415	3.249	ng	98
88) Benzo(b)fluoranthene	22.77	252	982078	4.790	ng	99
89) Benzo(k)fluoranthene	22.77	252	982078	5.067	ng	99
90) Benzo(a)pyrene	23.35	252	577225	3.115	ng	98
92) Benzo(g,h,i)perylene	26.45	276	436152	2.277	ng	99

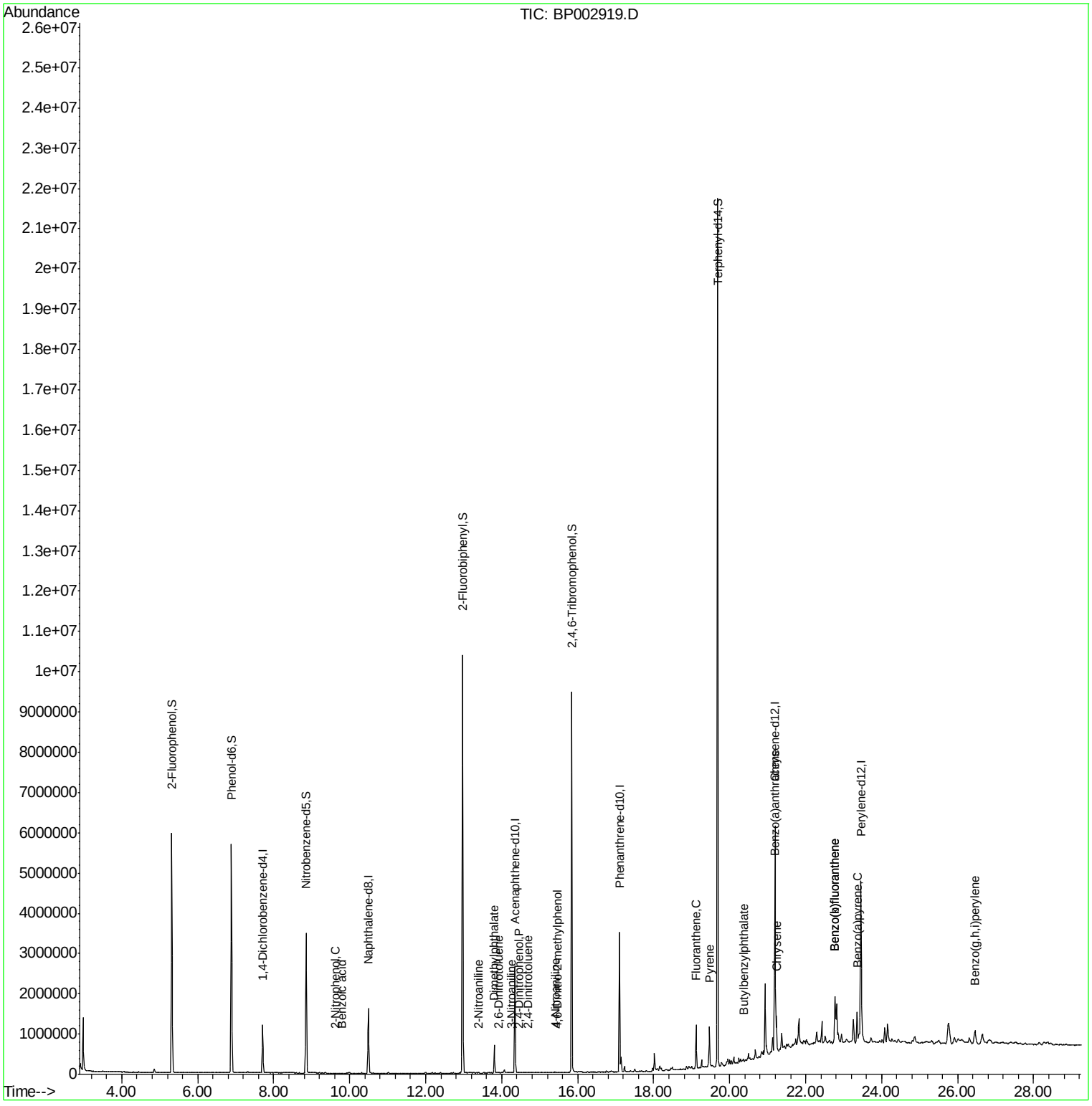
(#) = qualifier out of range (m) = manual integration (+) = signals summed

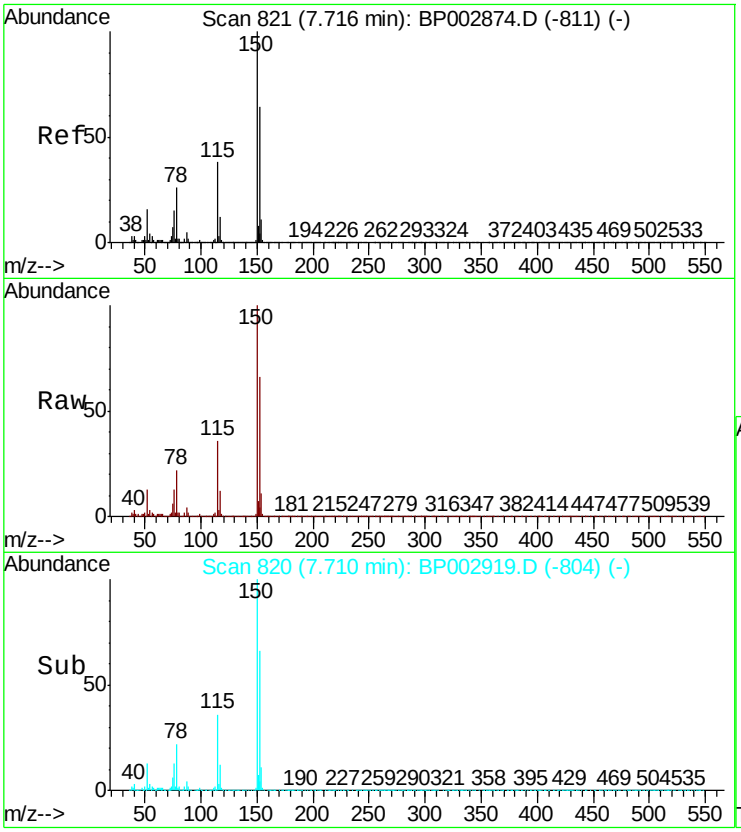
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002919.D
Acq On : 06 Aug 2020 14:41
Operator : CG/JU
Sample : L3548-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CRT-019

Quant Time: Aug 06 15:11:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 15:30:34 2020
Response via : Initial Calibration



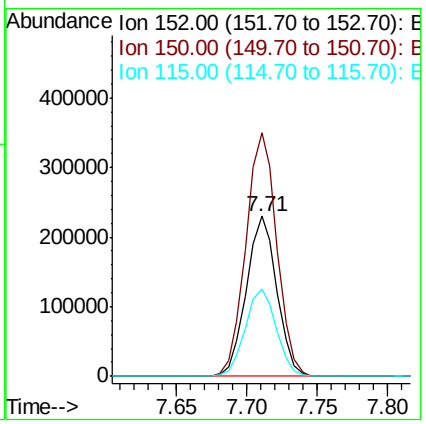


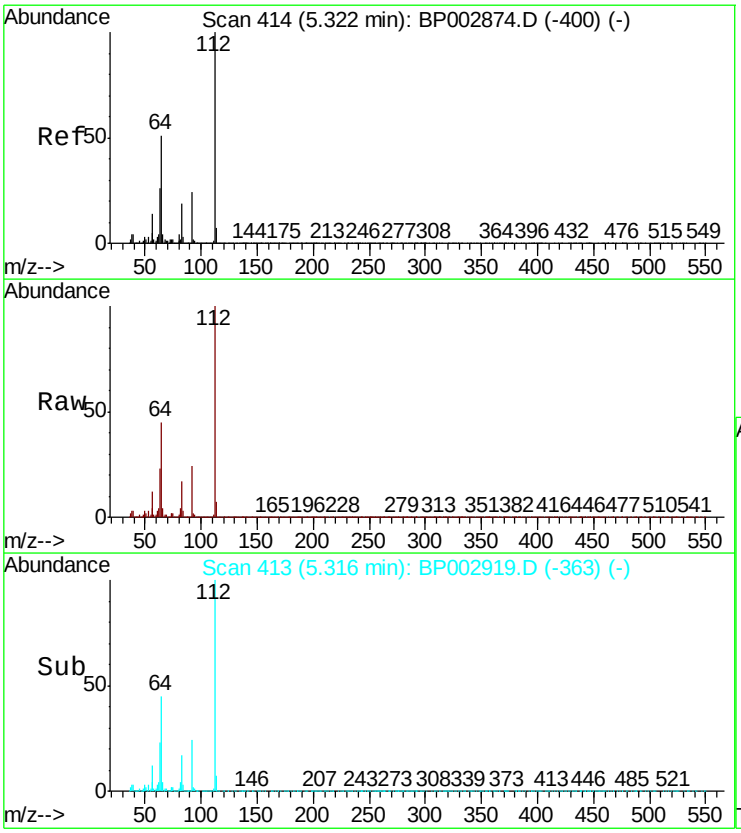
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tgt Ion:152 Resp: 348868

Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.8	187.2
115	54.6	47.4	71.2

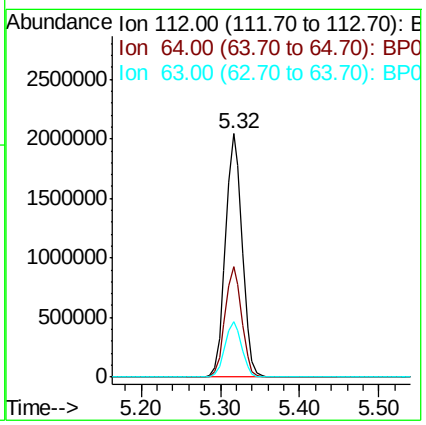


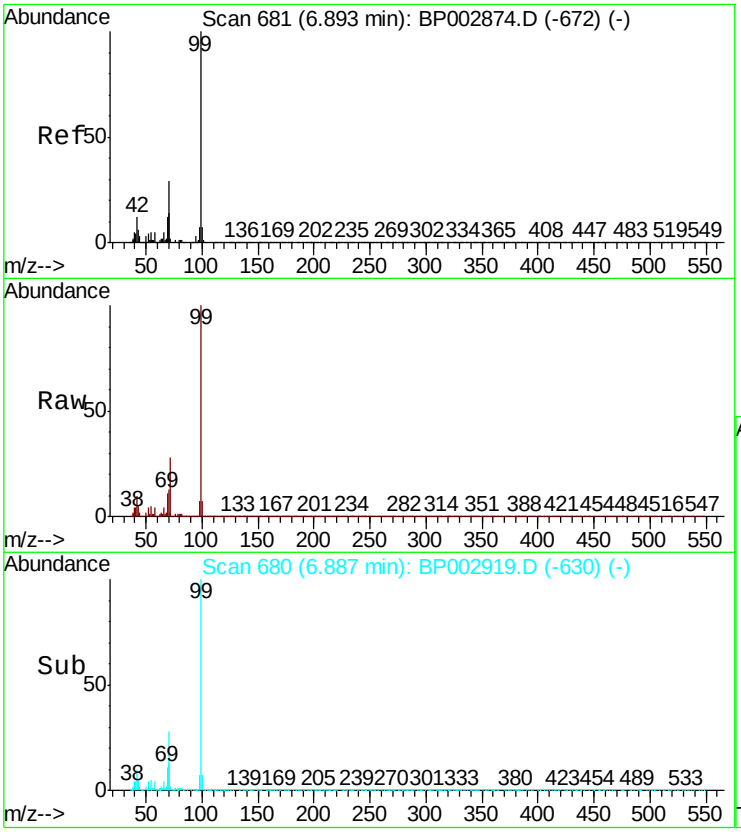


#5
2-Fluorophenol
Concen: 130.776 ng
RT: 5.32 min Scan# 413
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion:112 Resp: 2980971

Ion	Ratio	Lower	Upper
112	100		
64	45.3	41.0	61.6
63	22.9	20.7	31.1



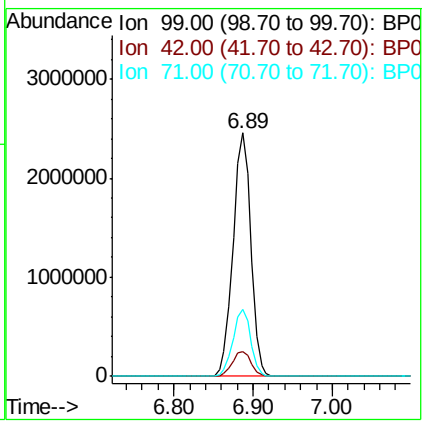


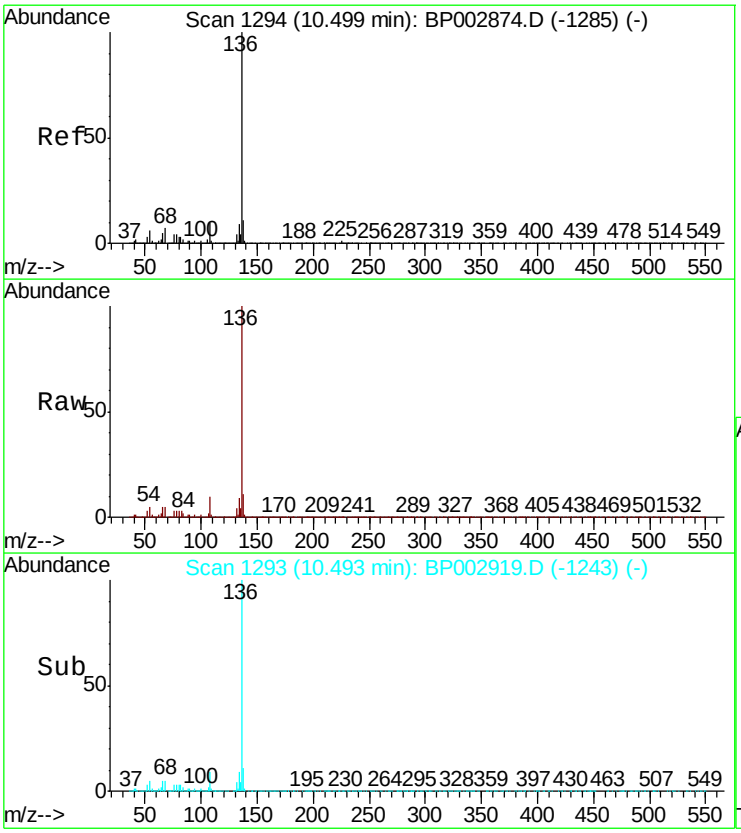
#7
Phenol-d6
Concen: 120.761 ng
RT: 6.89 min Scan# 680
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tgt Ion: 99 Resp: 3821732

Ion	Ratio	Lower	Upper
99	100		
42	10.4	9.3	13.9
71	27.6	23.5	35.3

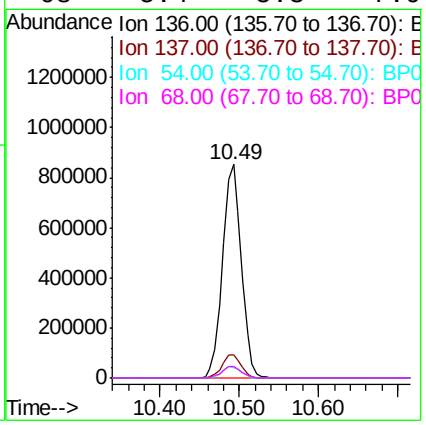


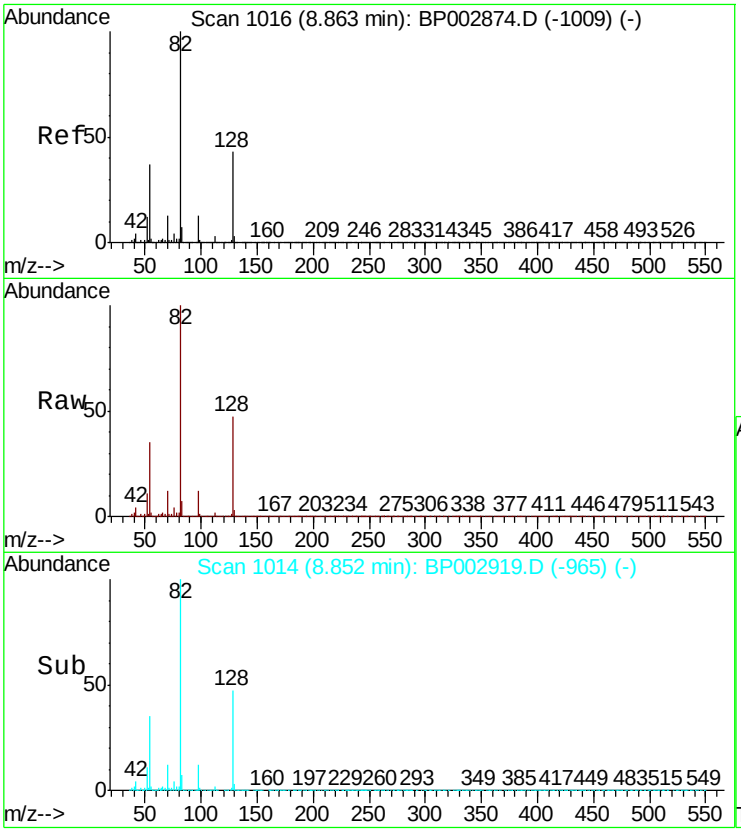


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion:136 Resp: 1394354

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.1	5.1	7.7#
68	5.4	5.3	7.9



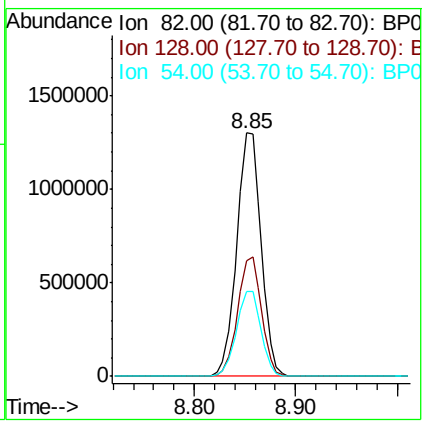


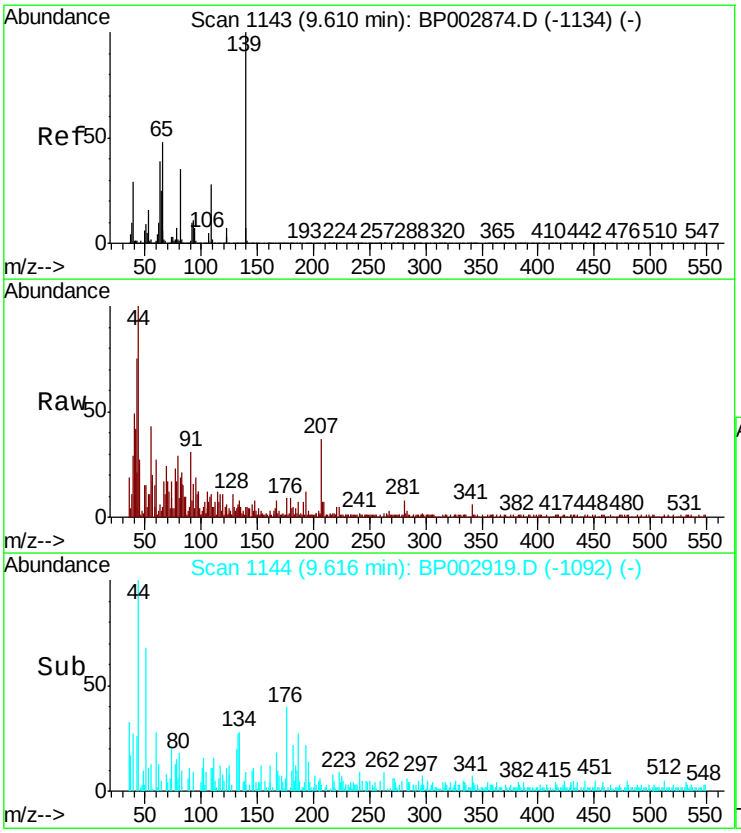
#23
Nitrobenzene-d5
Concen: 84.288 ng
RT: 8.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tgt Ion: 82 Resp: 2169919

Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.6	52.0
54	35.1	29.5	44.3

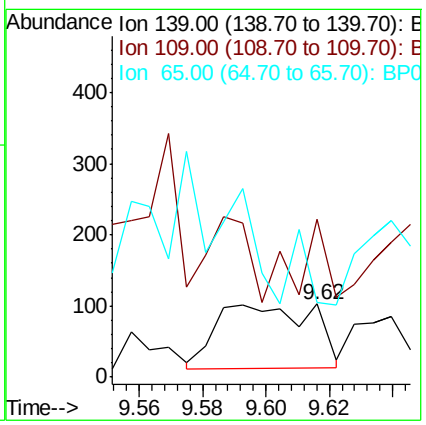


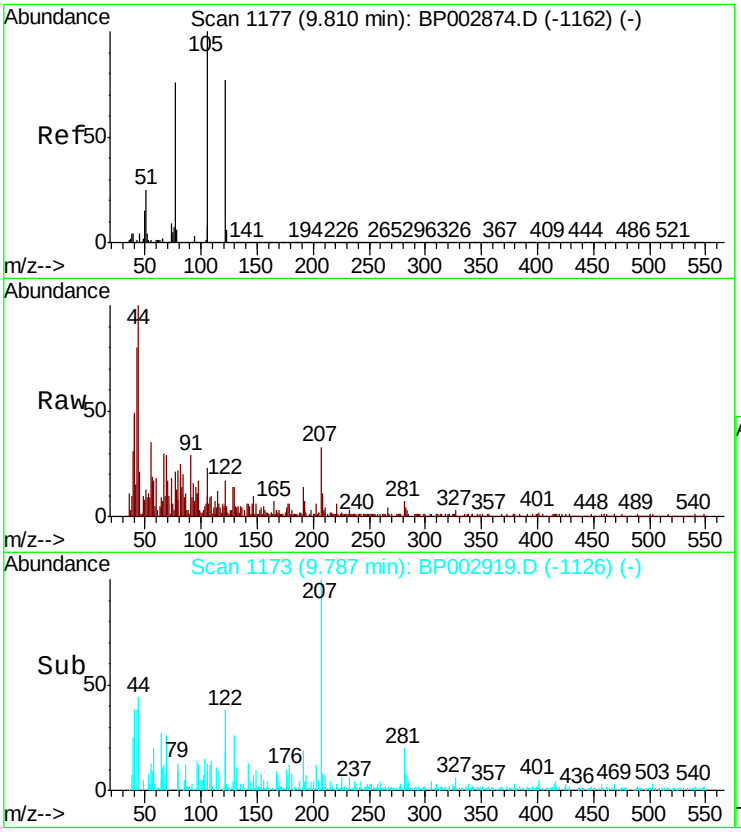


#26
2-Nitrophenol
Concen: 4.535 ng
RT: 9.62 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion:139 Resp: 187

Ion	Ratio	Lower	Upper
139	100		
109	215.5	22.2	33.2#
65	101.9	38.9	58.3#



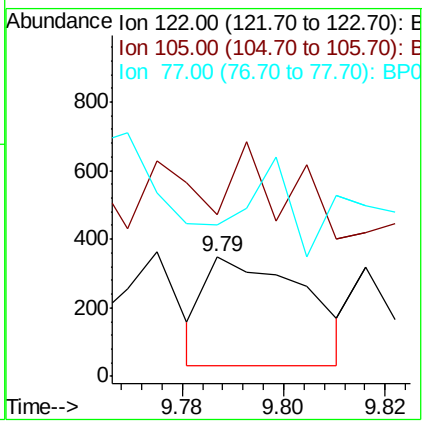


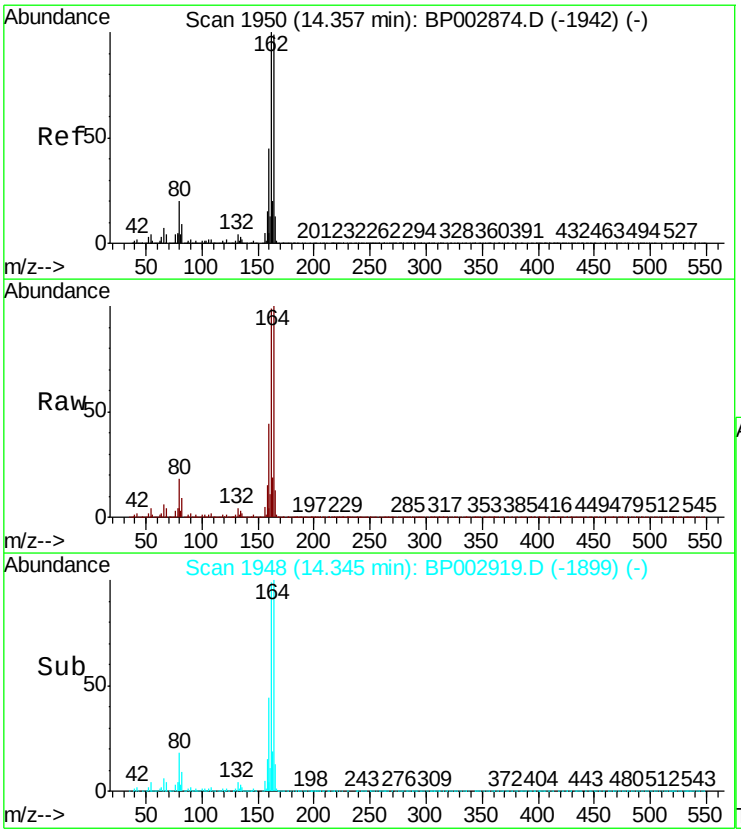
#32
Benzoic acid
Concen: 7.714 ng
RT: 9.79 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tgt Ion:122 Resp: 431

Ion	Ratio	Lower	Upper
122	100		
105	134.3	103.4	143.4
77	126.3	74.6	114.6#

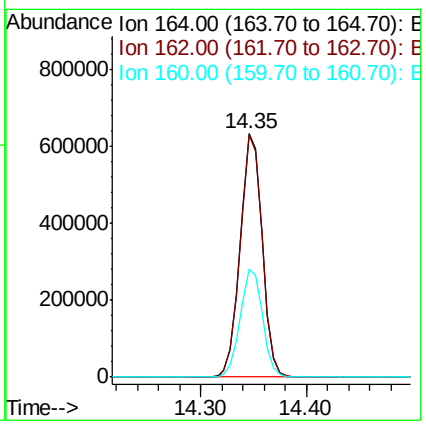


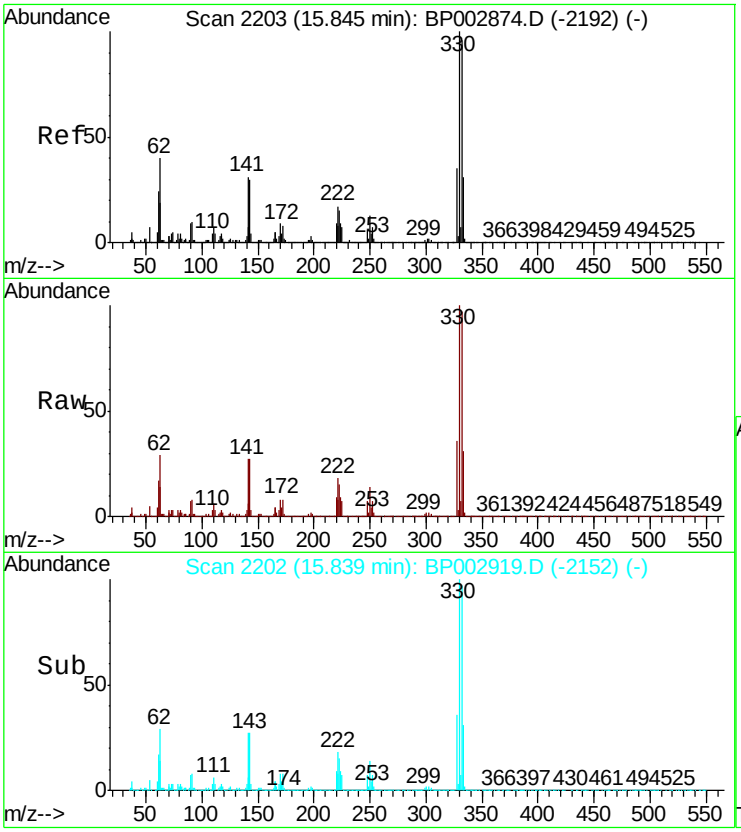


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion:164 Resp: 909689

Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.0	121.6
160	44.3	36.2	54.4



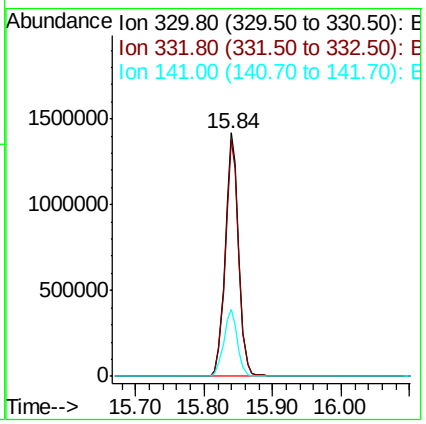


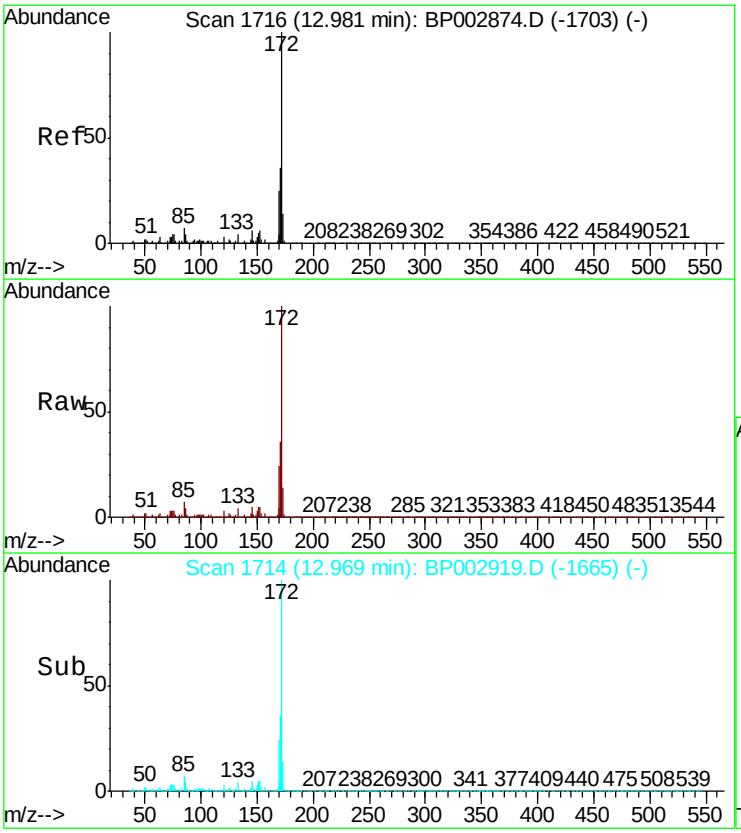
#42
2,4,6-Tribromophenol
Concen: 171.865 ng
RT: 15.84 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tgt Ion:330 Resp: 1943175

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	28.2	24.6	37.0

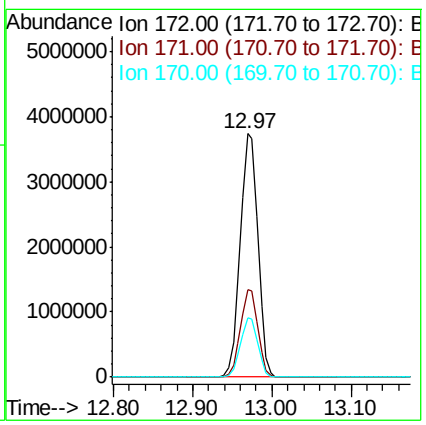


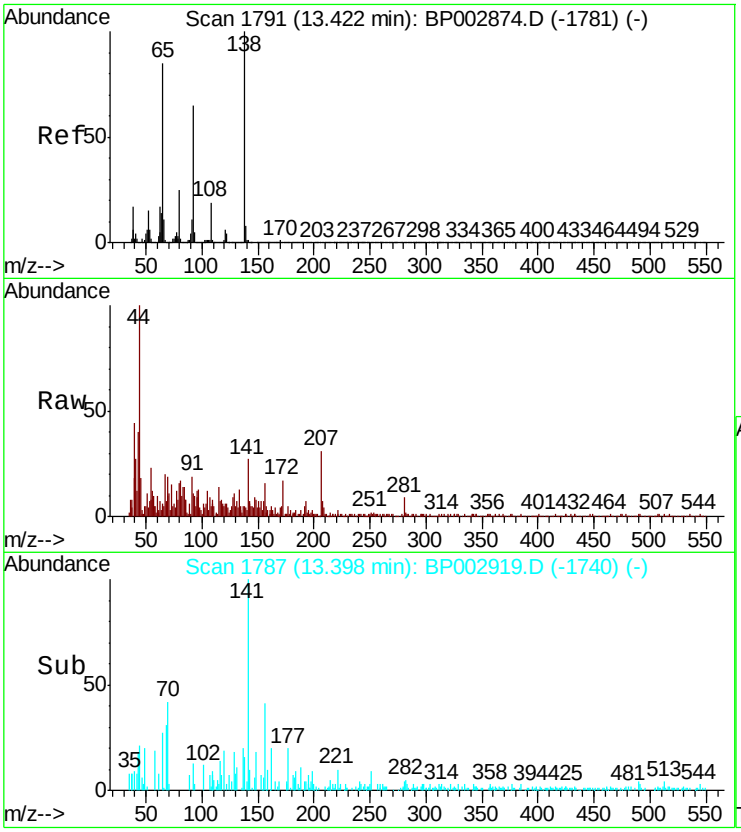


#45
2-Fluorobiphenyl
Concen: 86.399 ng
RT: 12.97 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion:172 Resp: 5752530

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.1	43.7
170	24.3	19.6	29.4



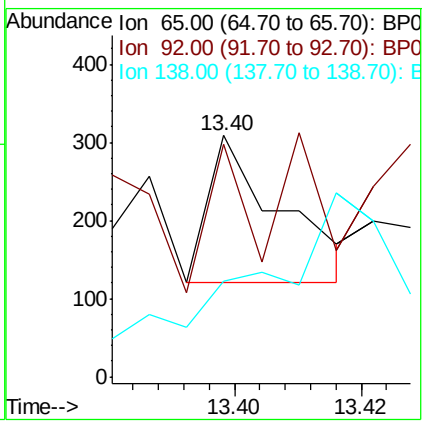


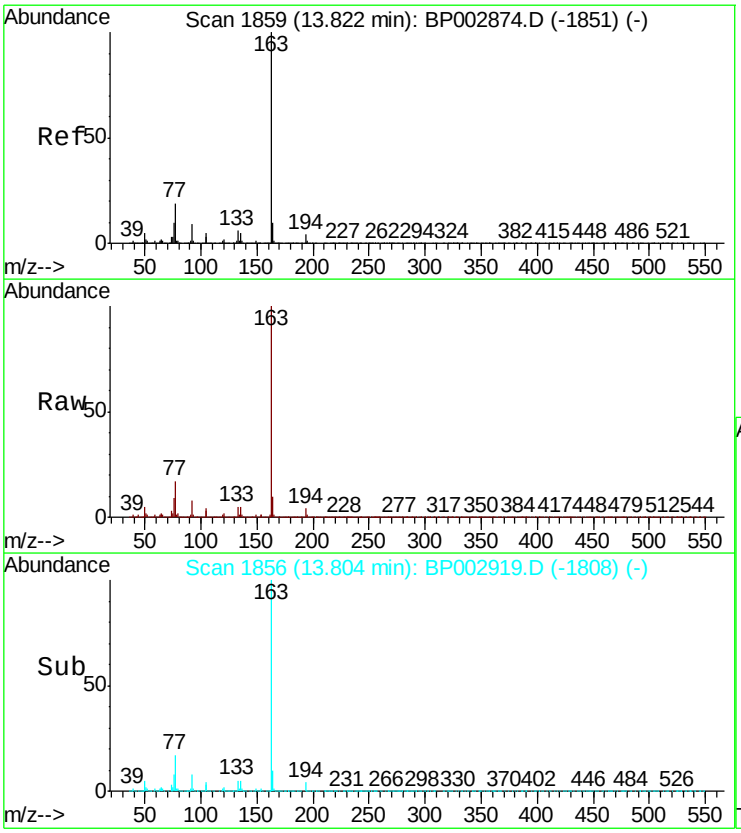
#48
2-Nitroaniline
Concen: 3.981 ng
RT: 13.40 min Scan# 1787
Delta R.T. -0.02 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tgt Ion: 65 Resp: 150

Ion	Ratio	Lower	Upper
65	100		
92	96.4	61.4	92.0#
138	39.5	94.2	141.4#

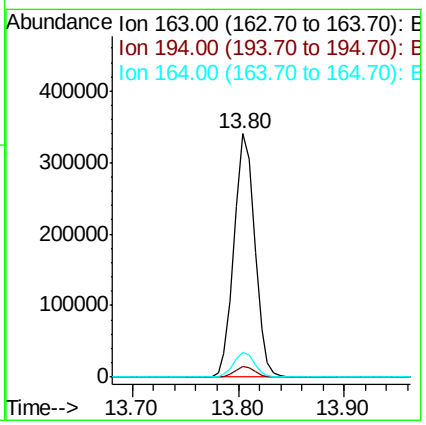


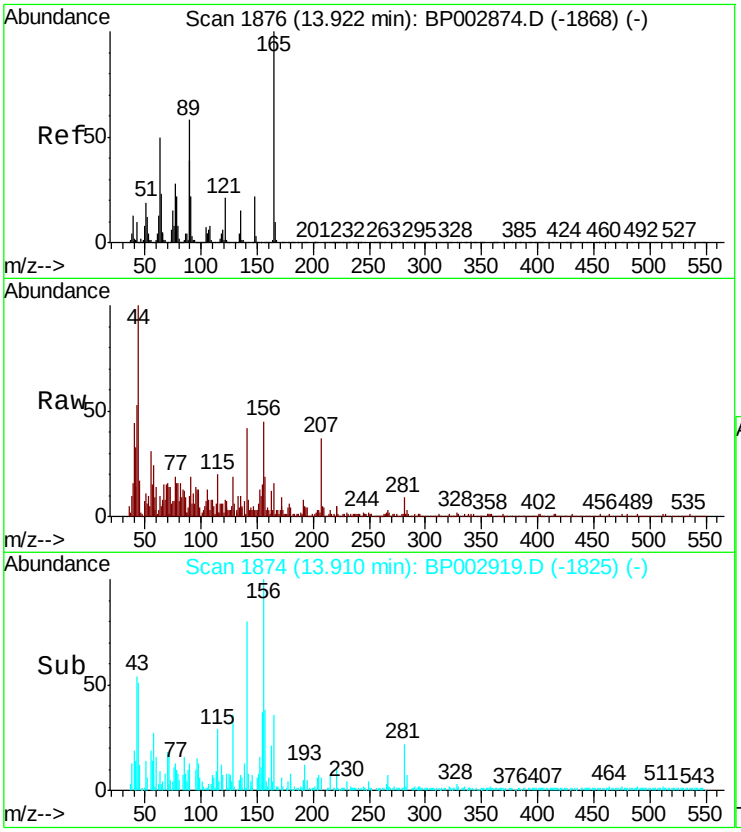


#50
Dimethylphthalate
Concen: 6.455 ng
RT: 13.80 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion:163 Resp: 459288

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.3	8.2	12.2



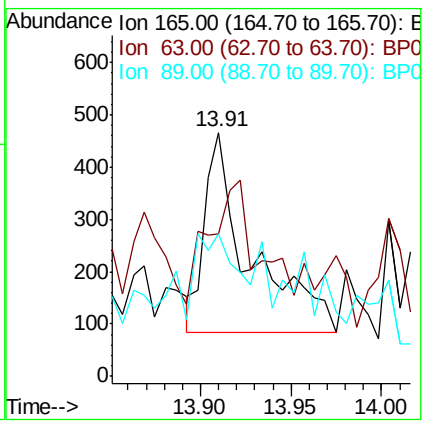


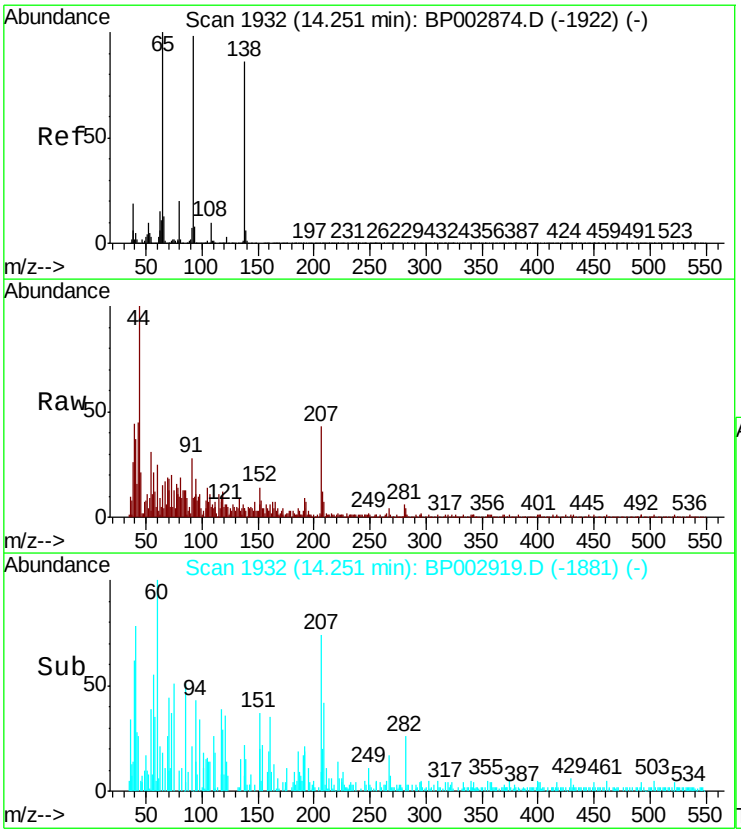
#51
2,6-Dinitrotoluene
Concen: 2.938 ng
RT: 13.91 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tgt Ion:165 Resp: 661

Ion	Ratio	Lower	Upper
165	100		
63	53.8	40.3	60.5
89	53.8	46.5	69.7

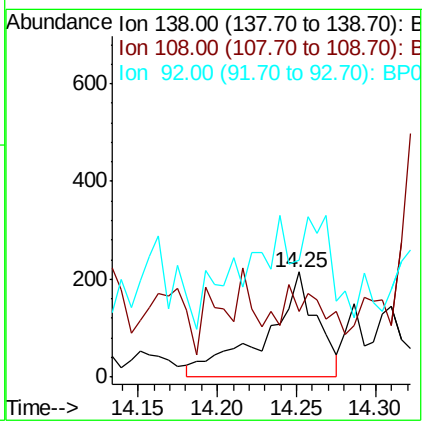


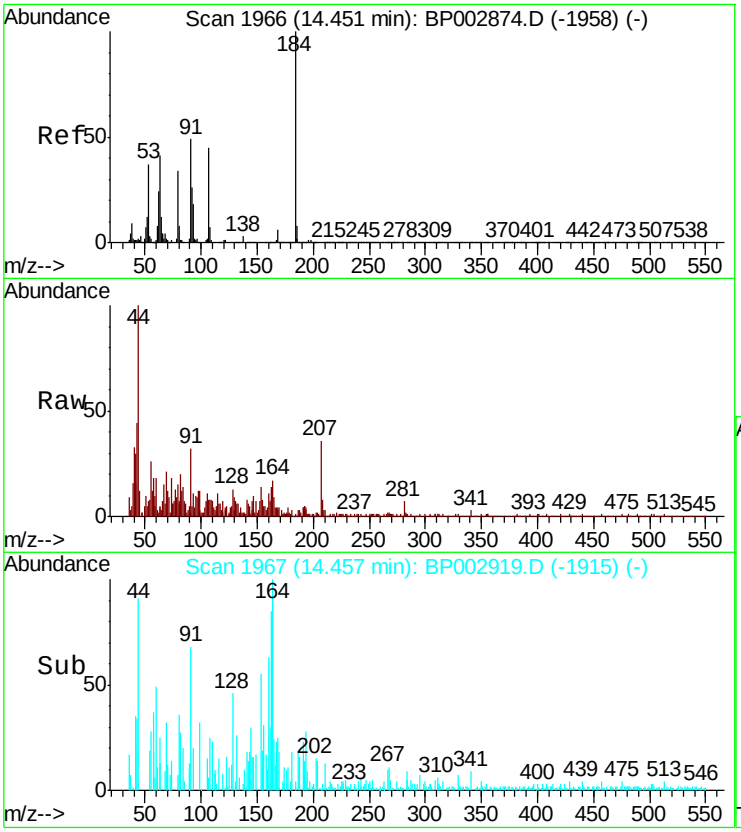


#53
3-Nitroaniline
Concen: 3.300 ng
RT: 14.25 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion:138 Resp: 480

Ion	Ratio	Lower	Upper
138	100		
108	62.3	9.4	14.0#
92	111.2	91.0	136.6



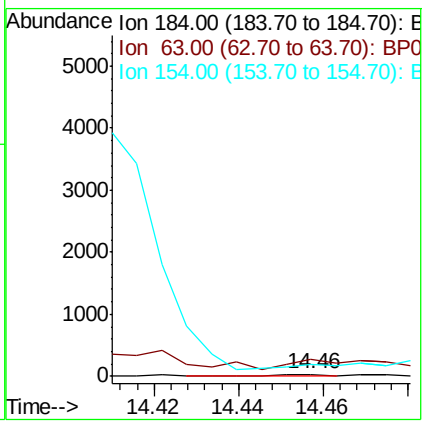


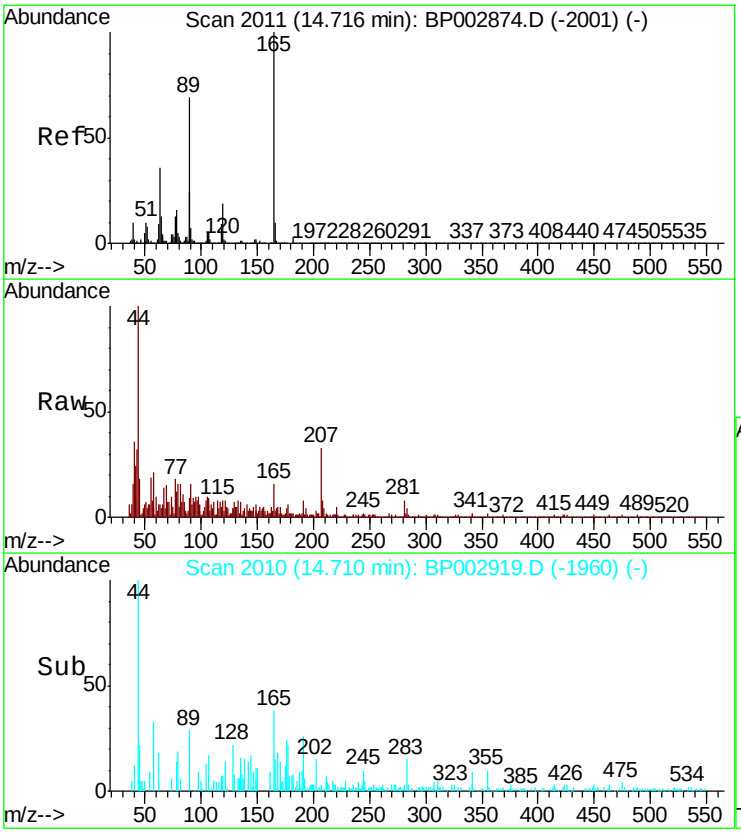
#54
2,4-Dinitrophenol
Concen: 8.062 ng
RT: 14.46 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tgt Ion:184 Resp: 33

Ion	Ratio	Lower	Upper
184	100		
63	950.0	50.3	75.5#
154	703.6	50.6	76.0#

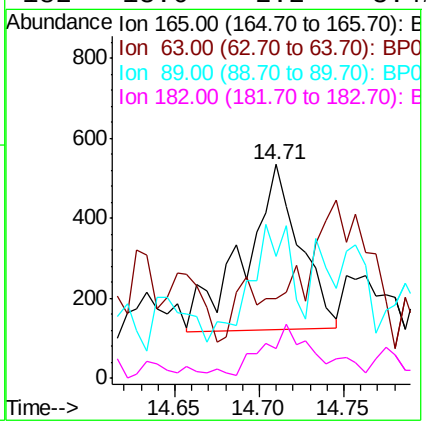


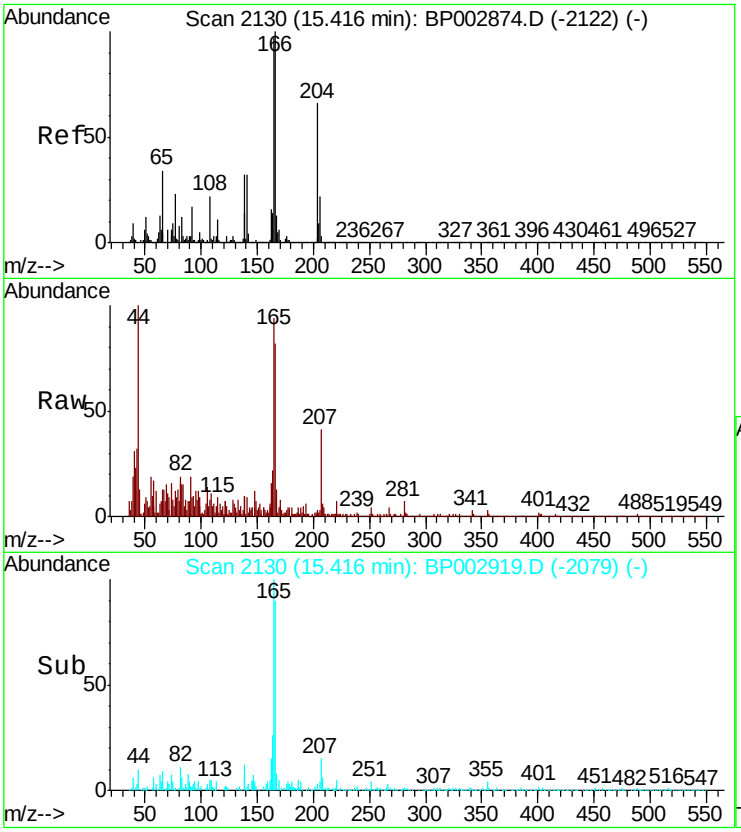


#57
2,4-Dinitrotoluene
Concen: 3.847 ng
RT: 14.71 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion:165 Resp: 941

Ion	Ratio	Lower	Upper
165	100		
63	37.4	29.0	43.4
89	56.8	55.5	83.3
182	13.6	2.2	3.4#



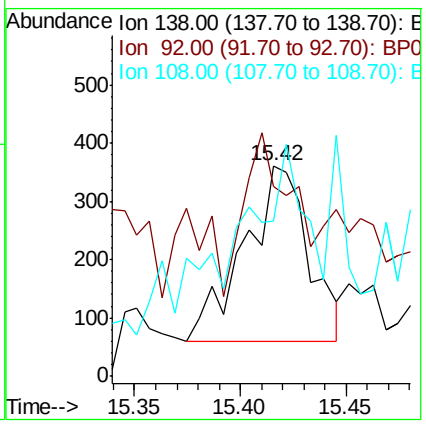


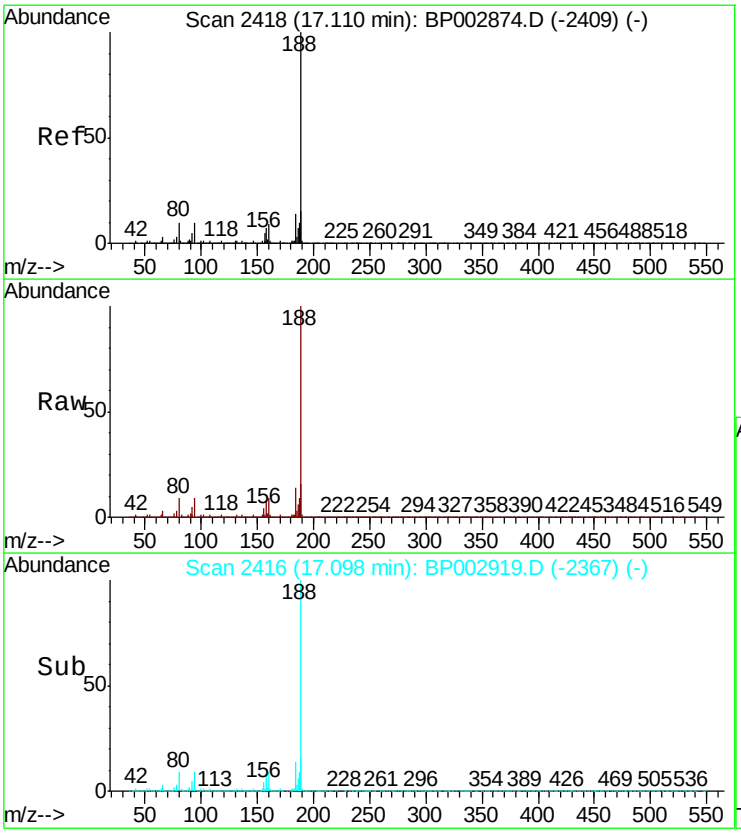
#62
4-Nitroaniline
Concen: 2.453 ng
RT: 15.42 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tgt Ion:138 Resp: 637

Ion	Ratio	Lower	Upper
138	100		
92	90.0	32.2	72.2#
108	73.7	50.0	90.0

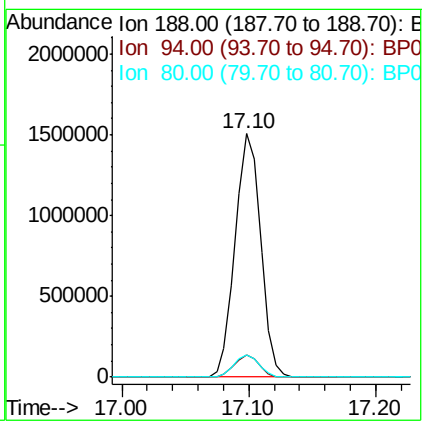


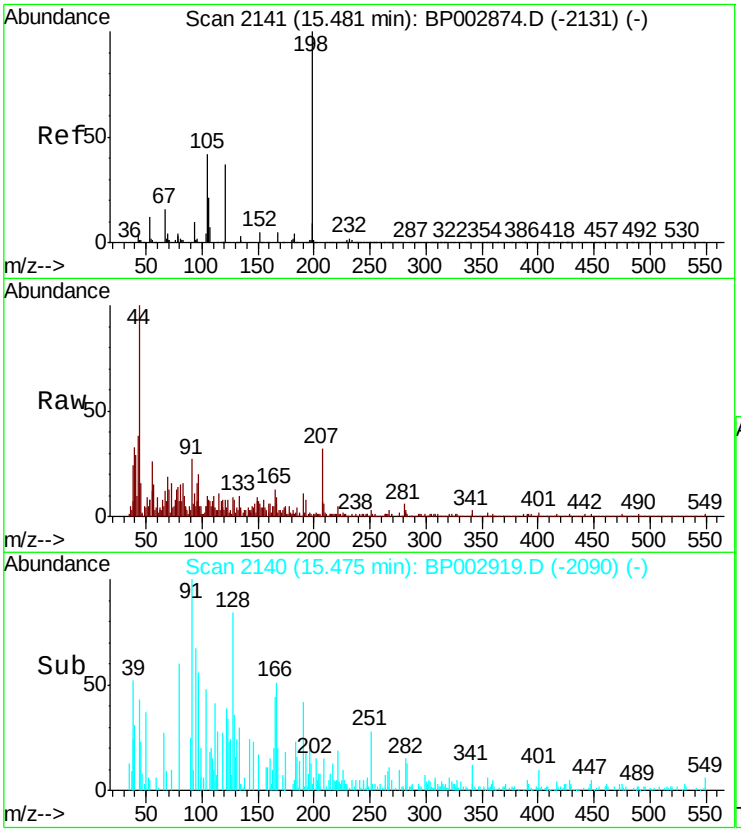


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion:188 Resp: 2095780

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.8	11.6
80	9.1	8.0	12.0



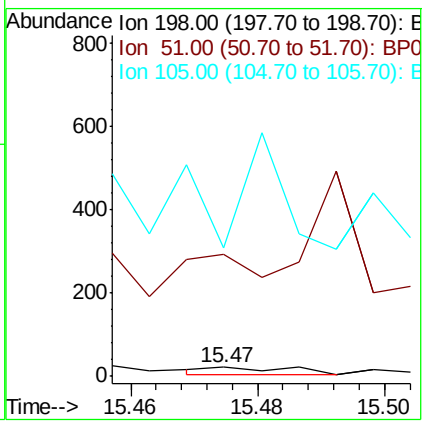


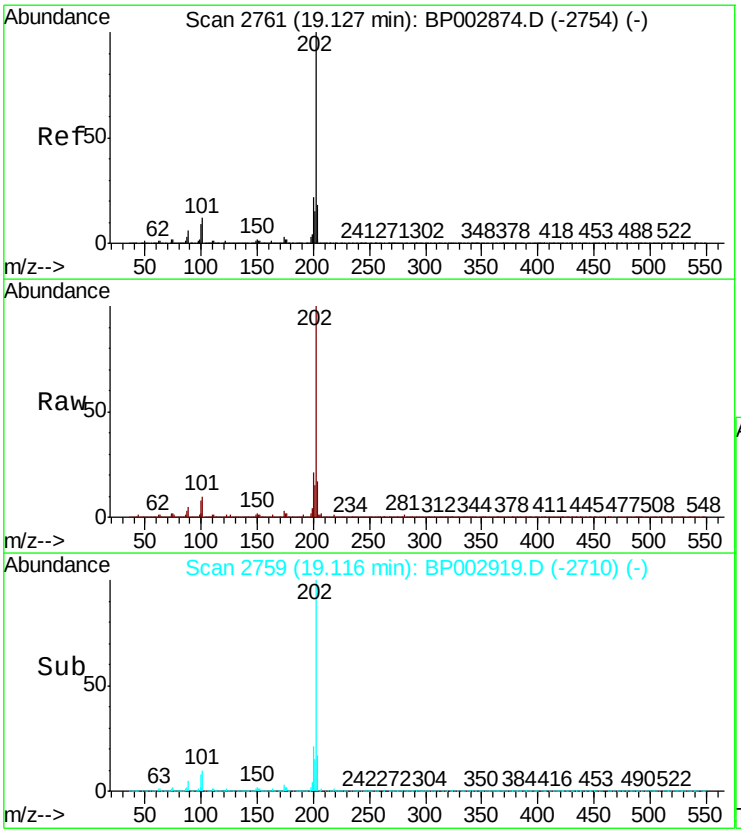
#65
4,6-Dinitro-2-methylphenol
Concen: 6.901 ng
RT: 15.47 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tgt Ion:198 Resp: 15

Ion	Ratio	Lower	Upper
198	100		
51	1336.4	11.6	51.6#
105	1404.5	23.8	63.8#

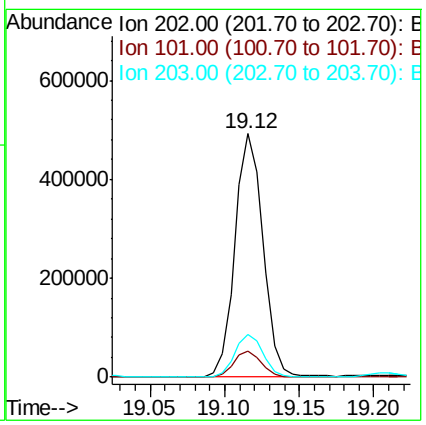


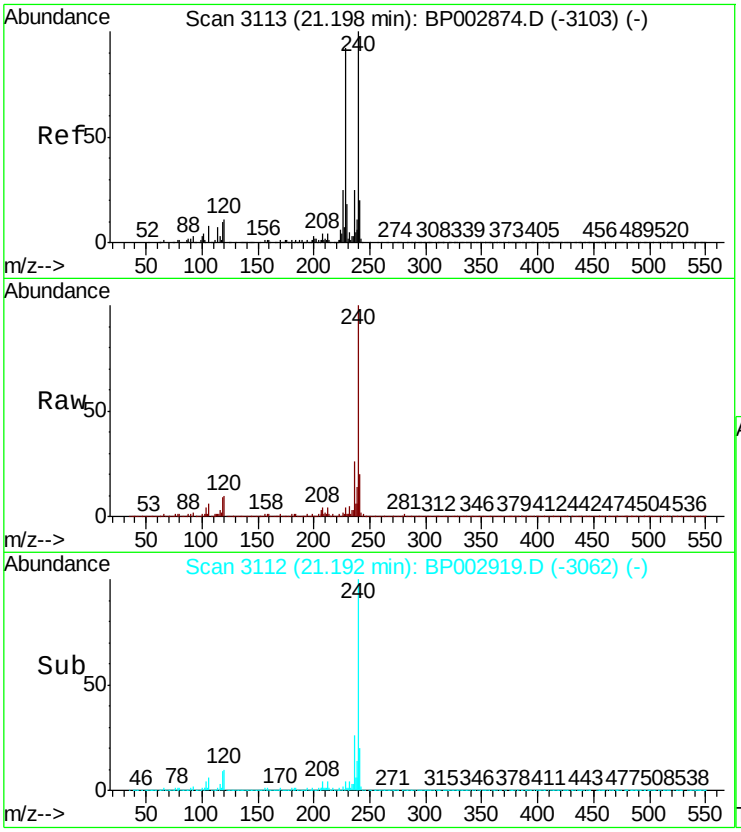


#75
Fluoranthene
Concen: 4.539 ng
RT: 19.12 min Scan# 2759
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion:202 Resp: 642731

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.6
203	17.4	0.0	38.4



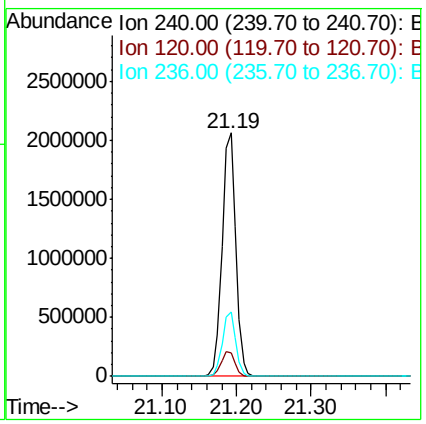


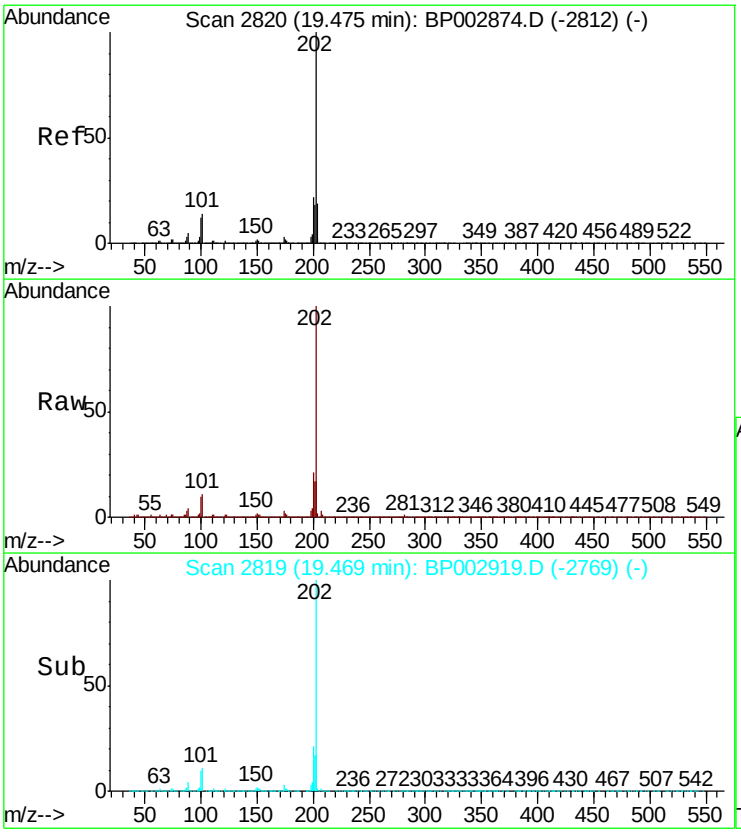
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tgt Ion:240 Resp: 2626989

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.9	13.3
236	26.3	20.3	30.5

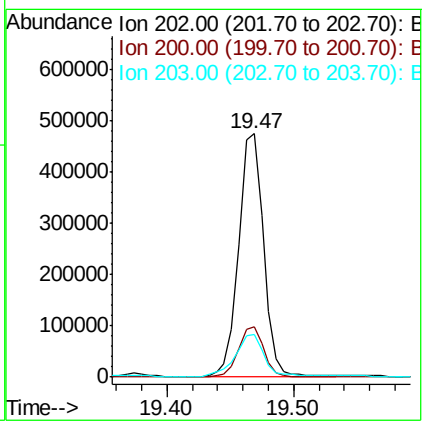


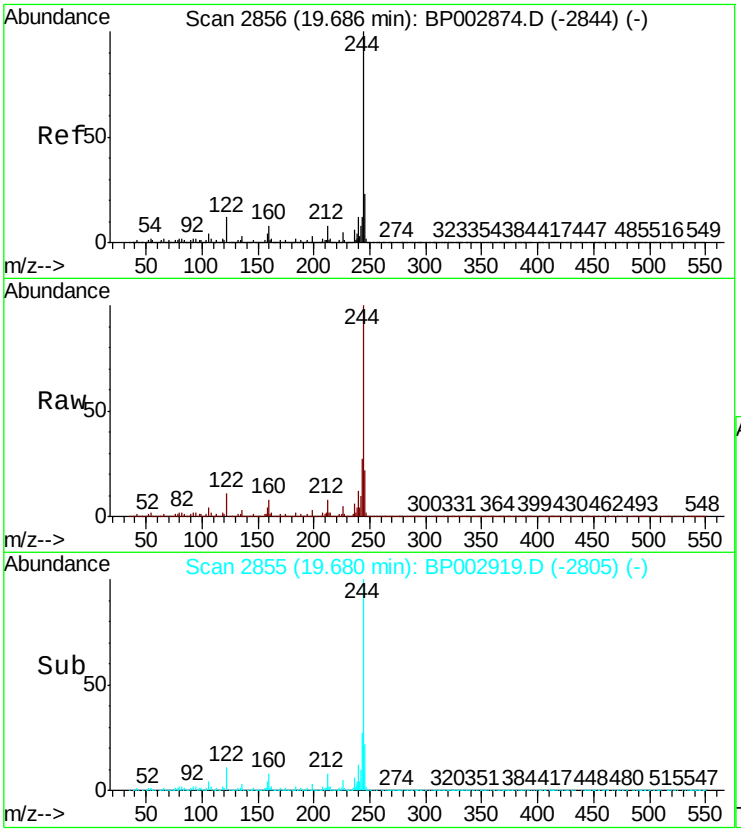


#78
Pyrene
Concen: 3.520 ng
RT: 19.47 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion:202 Resp: 646376

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.9	26.9
203	17.4	15.1	22.7



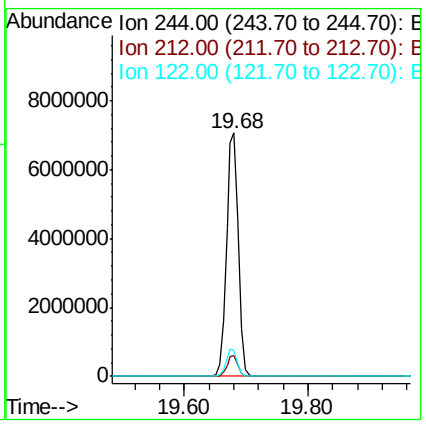


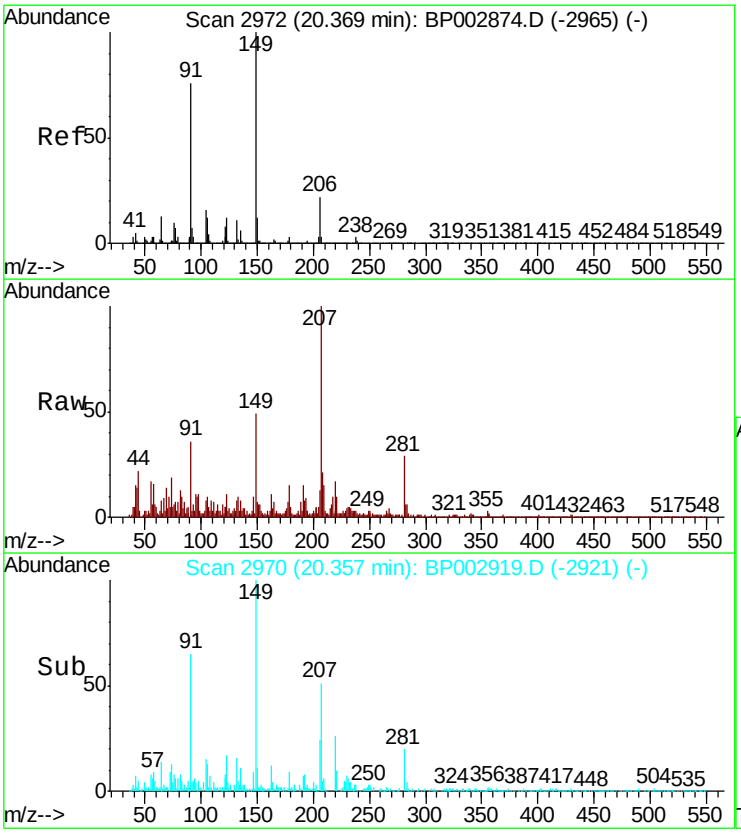
#79
Terphenyl-d14
Concen: 71.339 ng
RT: 19.68 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tgt Ion:244 Resp: 9361164

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.4	9.6
122	10.5	9.4	14.2

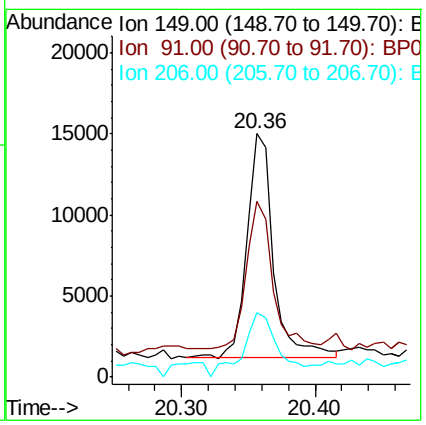


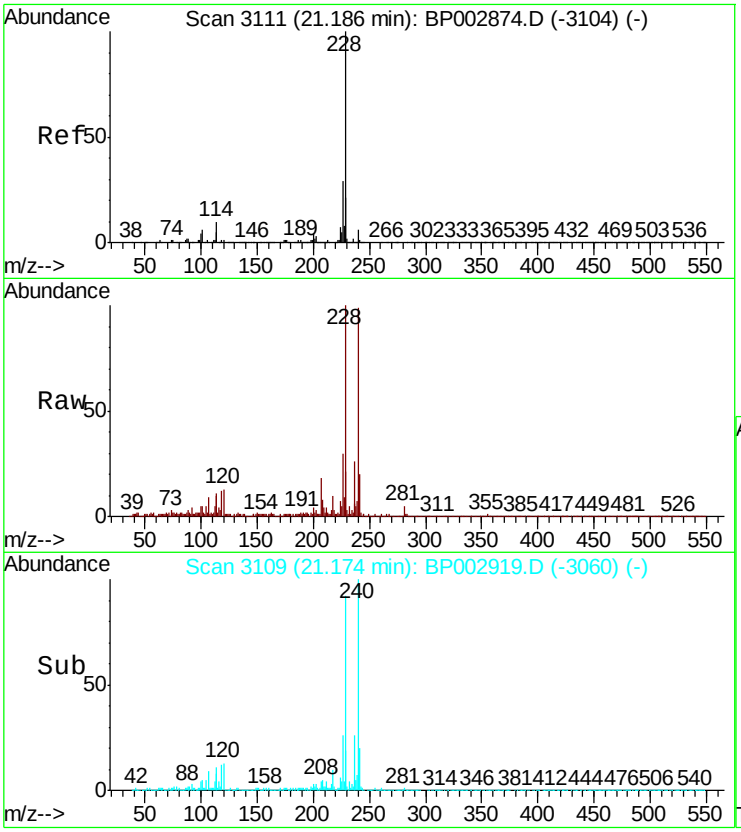


#80
Butylbenzylphthalate
Concen: 3.293 ng
RT: 20.36 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion:149 Resp: 18767

Ion	Ratio	Lower	Upper
149	100		
91	72.1	60.5	90.7
206	26.3	17.5	26.3



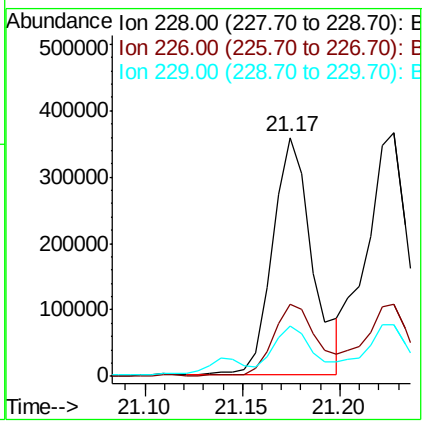


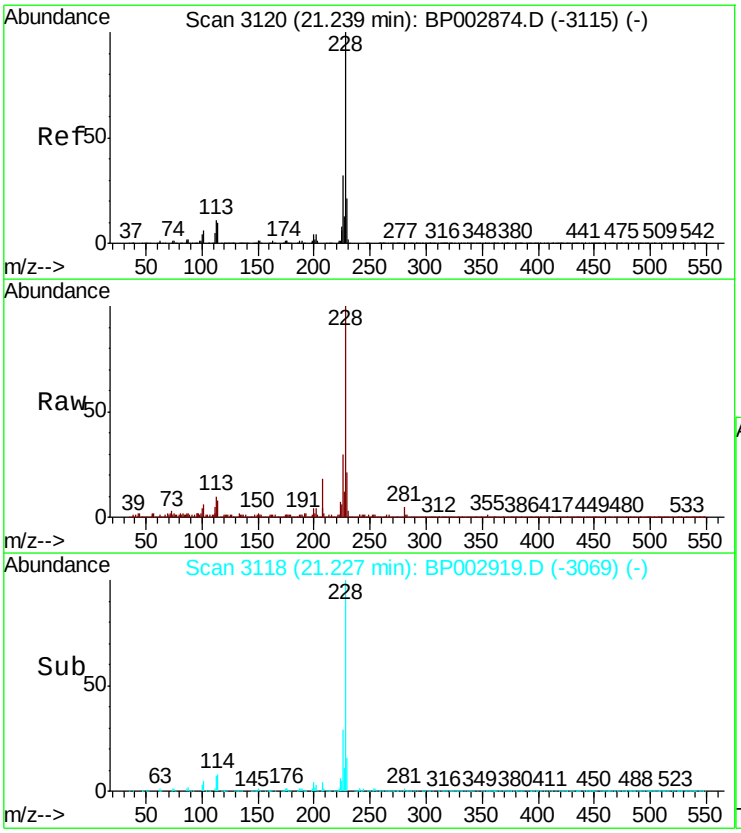
#81
Benzo(a)anthracene
Concen: 2.814 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tgt Ion:228 Resp: 503528

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.3	34.9
229	21.0	16.9	25.3

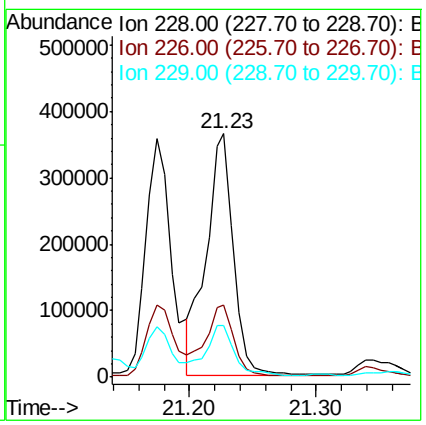


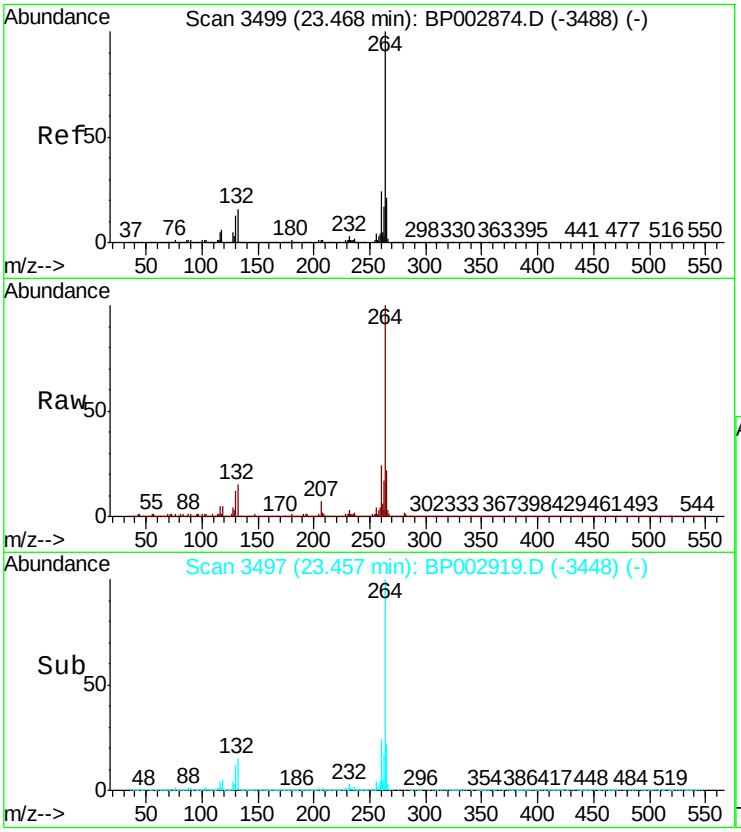


#83
Chrysene
Concen: 3.249 ng
RT: 21.23 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion:228 Resp: 548415

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.5	38.3
229	21.2	16.7	25.1



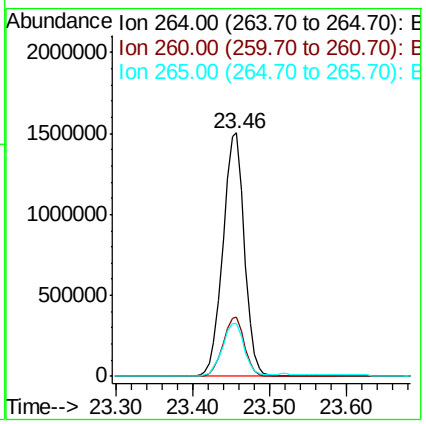


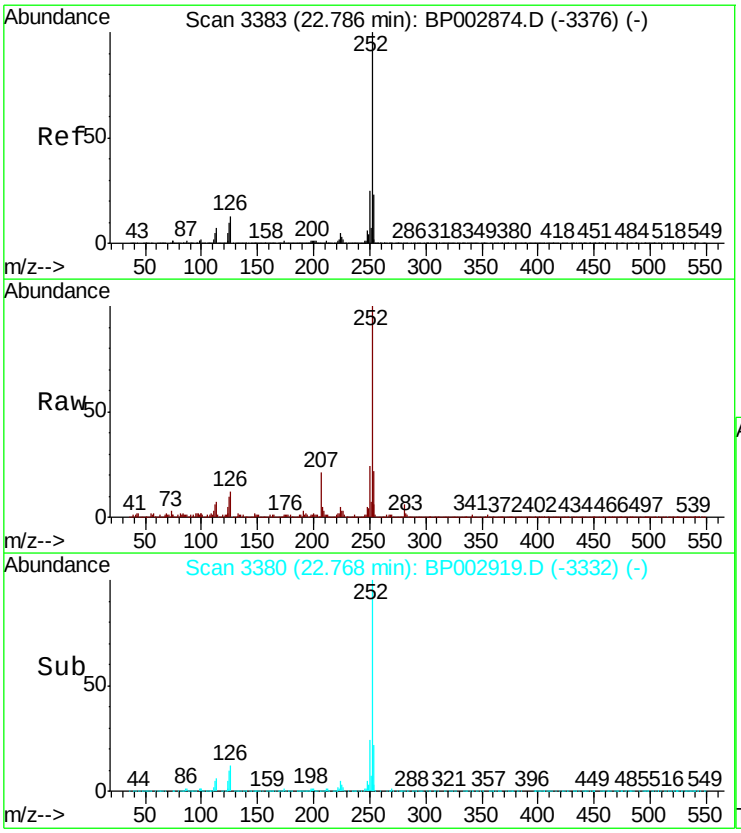
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3497
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tgt Ion:264 Resp: 2905647

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	21.9	17.0	25.4

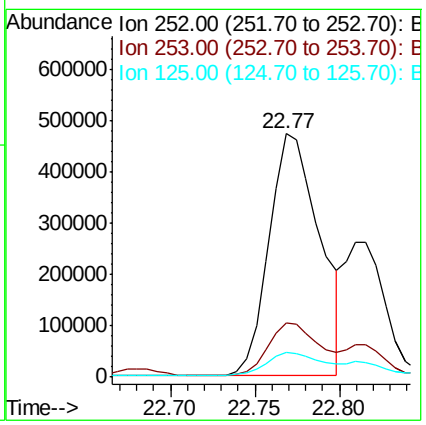


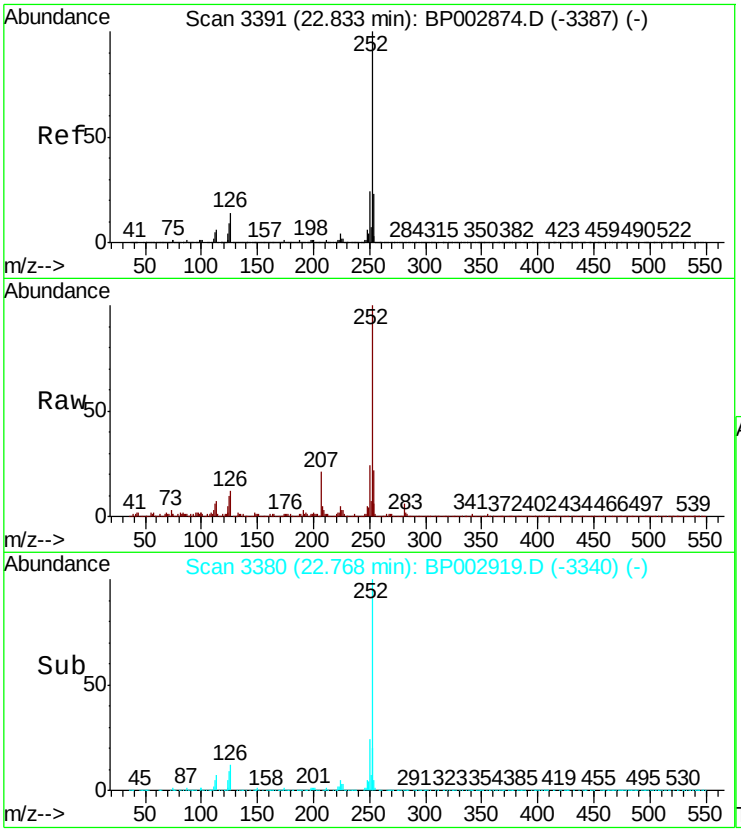


#88
Benzo(b)fluoranthene
Concen: 4.790 ng
RT: 22.77 min Scan# 3380
Delta R.T. -0.02 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion:252 Resp: 982078

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	10.1	7.8	11.8



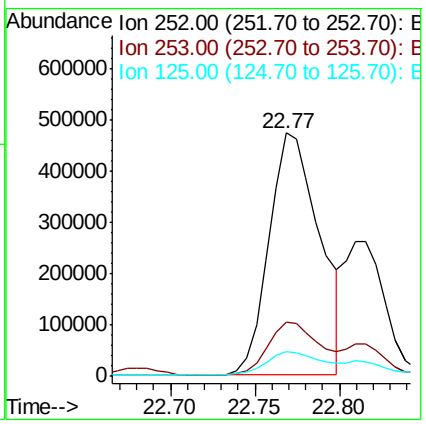


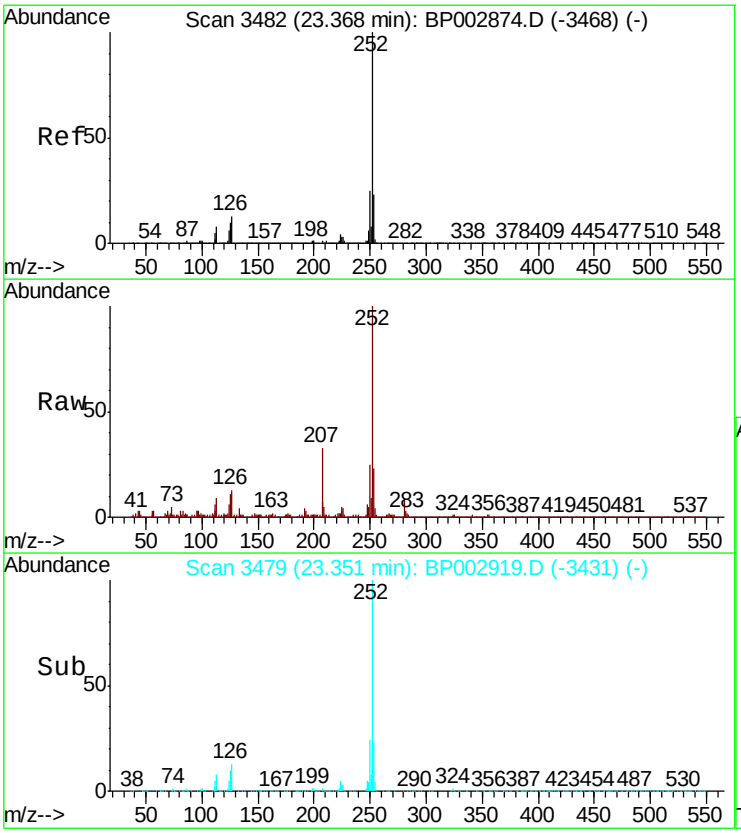
#89
Benzo(k)fluoranthene
Concen: 5.067 ng
RT: 22.77 min Scan# 3380
Delta R.T. -0.06 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tgt Ion:252 Resp: 982078

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	10.1	7.5	11.3

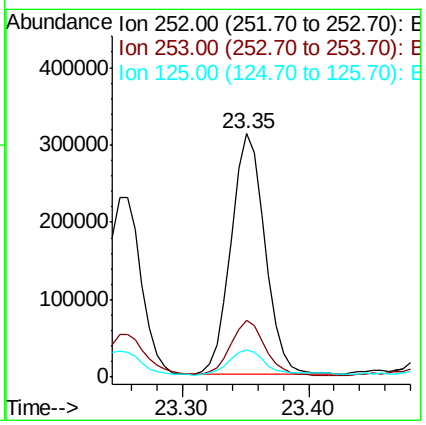


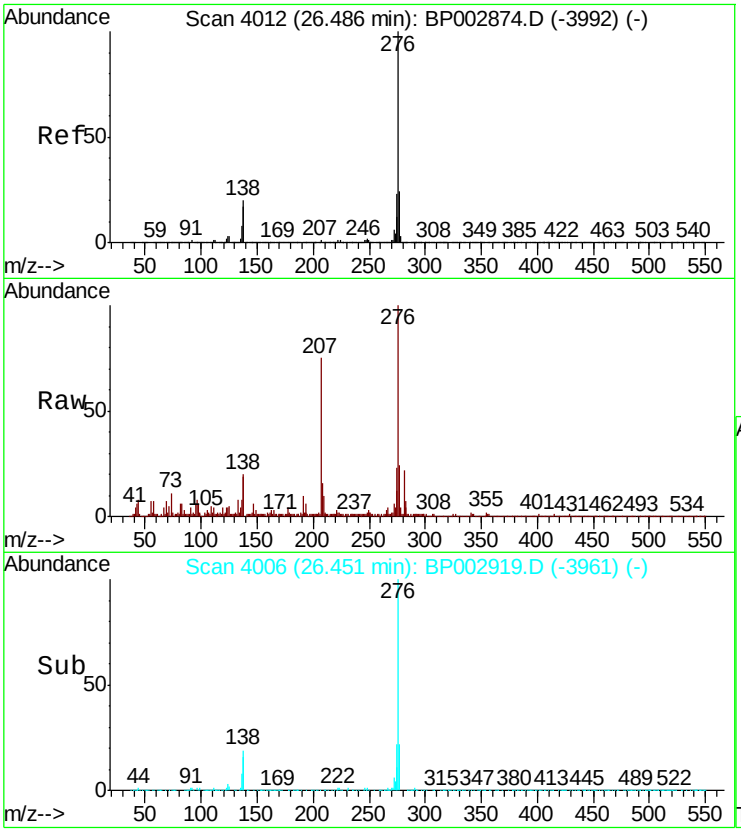


#90
Benzo(a)pyrene
Concen: 3.115 ng
RT: 23.35 min Scan# 3479
Delta R.T. -0.02 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion:252 Resp: 577225

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	11.3	8.3	12.5





#92
Benzo(g,h,i)perylene
Concen: 2.277 ng
RT: 26.45 min Scan# 4006
Delta R.T. -0.04 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tgt Ion:276 Resp: 436152

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	19.6	16.2	24.2