Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Time: Dec 14 00:59:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	347466	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1328906	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	784542	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1614205	20.00	ng/ul	0.01
78) Chrysene-d12	21.35	240	1760153	20.00	ng/ul	0.02
86) Perylene-d12	23.73	264	2116595	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	15164	1.53	ng/uL	0.00
5) Phenol-d5	6.99	99	349493	12.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	204641	11.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	288162	13.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	279774	12.88	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	143607	13.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	149745	16.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	281165	14.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	611131	24.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	754216	12.58	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1036597	13.54	ng/ul	0.01
52) 4-Nitrophenol-d4	14.67	143	105043	10.37	ng/ul	0.01
58) Fluorene-d10	15.48	176	695190	12.80	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	77046	9.95	ng/ul	0.02
71) Anthracene-d10	17.35	188	1109962	14.11	ng/ul	0.01
79) Pyrene-d10	19.59	212	1303050	14.21	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.57	264	1549520	13.90	ng/ul	0.05
Target Compounds						Qvalue
6) Phenol	7.02	94	83137	2.770	ng/ul	96
14) Acetophenone	8.64	105	122228	3.559	ng/ul#	39
21) Isophorone	9.56	82	69091	1.523	ng/ul#	1
28) Naphthalene	10.68	128	478654	6.353	ng/ul#	91
34) 2-Methylnaphthalene	12.30	142	1585210	31.275	ng/ul	98
35) 1-Methylnaphthalene	12.52	142	972586	16.525	ng/ul#	98
41) 1,1'-Biphenyl	13.31	154	243384	3.699	ng/ul	96
45) Dimethylphthalate	13.93	163	199468	3.266	ng/ul#	88
46) 2,6-Dinitrotoluene	14.03	165	17730	1.559	ng/ul#	30
48) Acenaphthylene	14.20	152	104164	1.371	ng/ul#	1
49) 3-Nitroaniline	14.39	138	16431	1.632	ng/ul#	34
50) Acenaphthene	14.55	153	190215	3.537	ng/ul	94
53) 4-Nitrophenol	14.68	109	25212	3.373	ng/ul#	26
54) Dibenzofuran	14.80	168	101378	1.338	ng/ul	96
59) Fluorene	15.53	166	330365	5.451	ng/ul#	79
65) N-Nitrosodiphenylamine	15.76	169	1746497	36.375	ng/ul#	39
70) Phenanthrene	17.29	178	5193850	54.539	ng/ul	96
72) Anthracene	17.29	178	5224115	55.447	ng/ul	95
77) Fluoranthene	19.26	202	1138173	11.193	ng/ul#	94
80) Pyrene	19.62	202	6253923	52.673	ng/ul	95
83) Benzo(a)anthracene	21.33	228	765541	6.598	ng/ul#	28
85) Chrysene	21.38	228	1745463	15.335	ng/ul#	70
88) Benzo(b)fluoranthene	23.01	252	598380	4.458	ng/ul#	6

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Time: Dec 14 00:59:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(a)pyrene	23.62	252	461413	3.684	ng/ul#	15
92) Indeno(1,2,3-cd)pyrene	26.16	276	224453	1.429	ng/ul#	54
94) Benzo(g,h,i)perylene	26.92	276	342207	2.597	ng/ul#	69

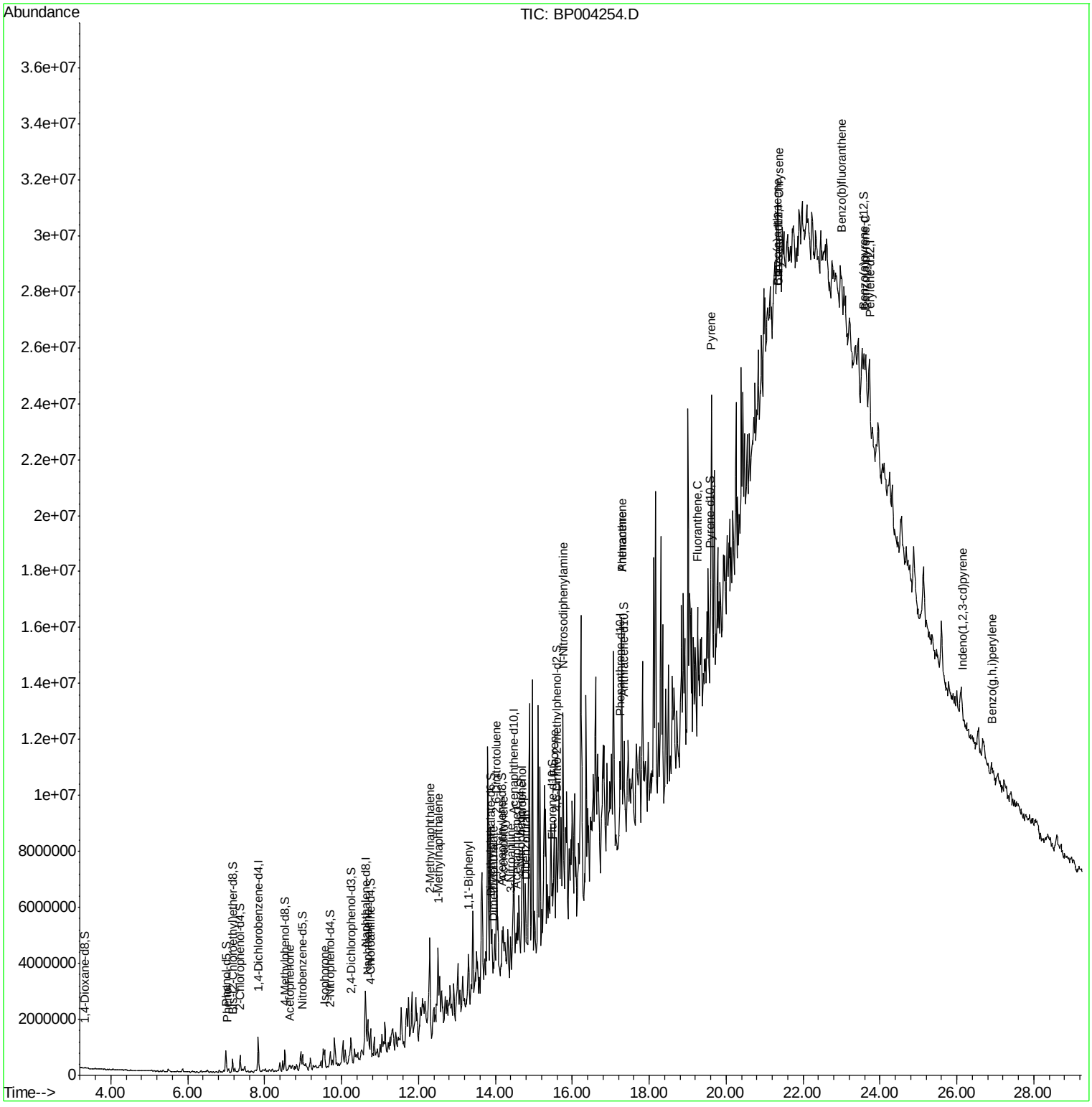
(#) = qualifier out of range (m) = manual integration (+) = signals summed

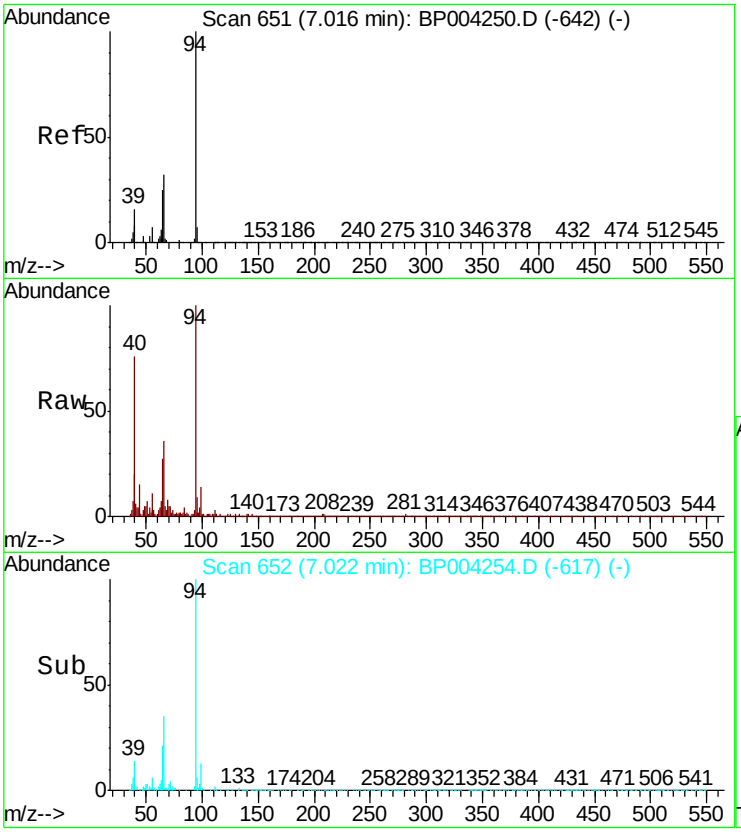
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AE0

Quant Time: Dec 14 00:59:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration



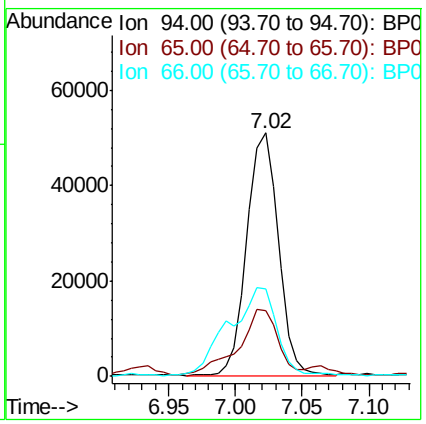


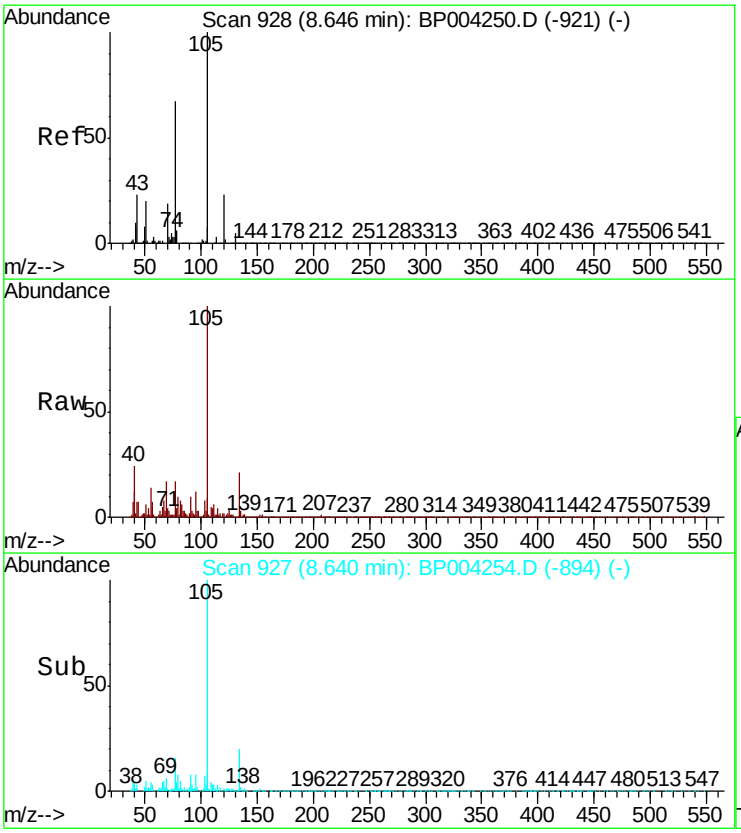
#6
Phenol
Concen: 2.770 ng/ul
RT: 7.02 min Scan# 652
Delta R.T. 0.01 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Instrument :
BNA_P
ClientSampleId :
C0AE0

Tgt Ion: 94 Resp: 83137

Ion	Ratio	Lower	Upper
94	100		
65	27.2	20.8	31.2
66	36.1	26.5	39.7

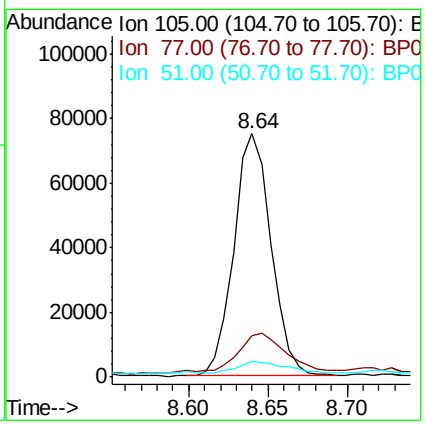


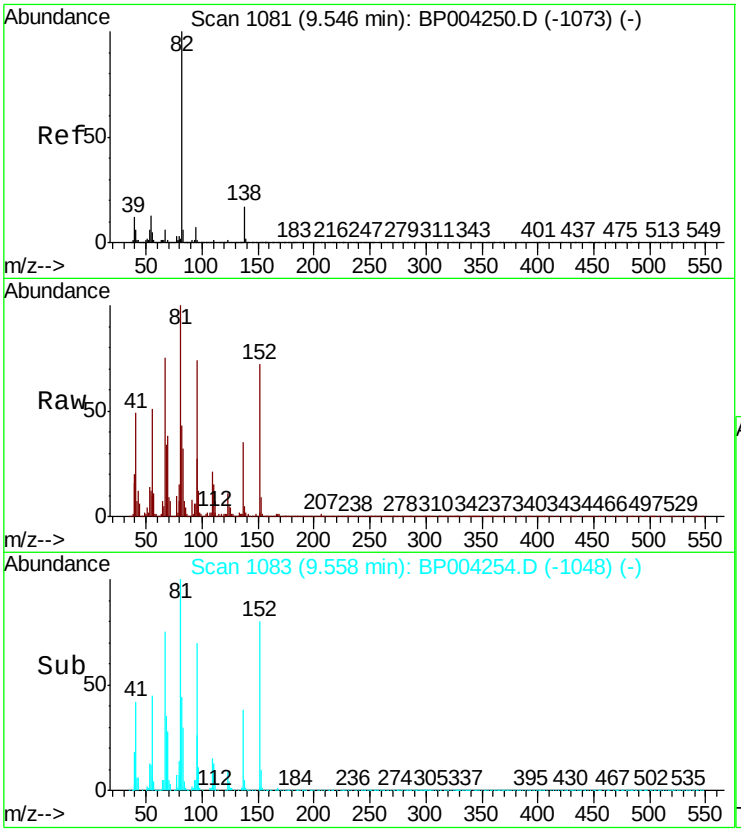


#14
Acetophenone
Concen: 3.559 ng/ul
RT: 8.64 min Scan# 927
Delta R.T. -0.01 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Tgt Ion:105 Resp: 122228

Ion	Ratio	Lower	Upper
105	100		
77	16.8	61.1	91.7#
51	6.4	18.5	27.7#



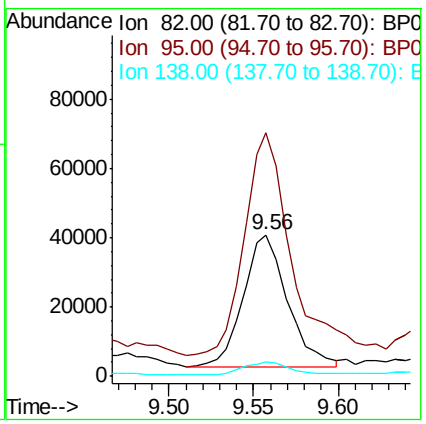


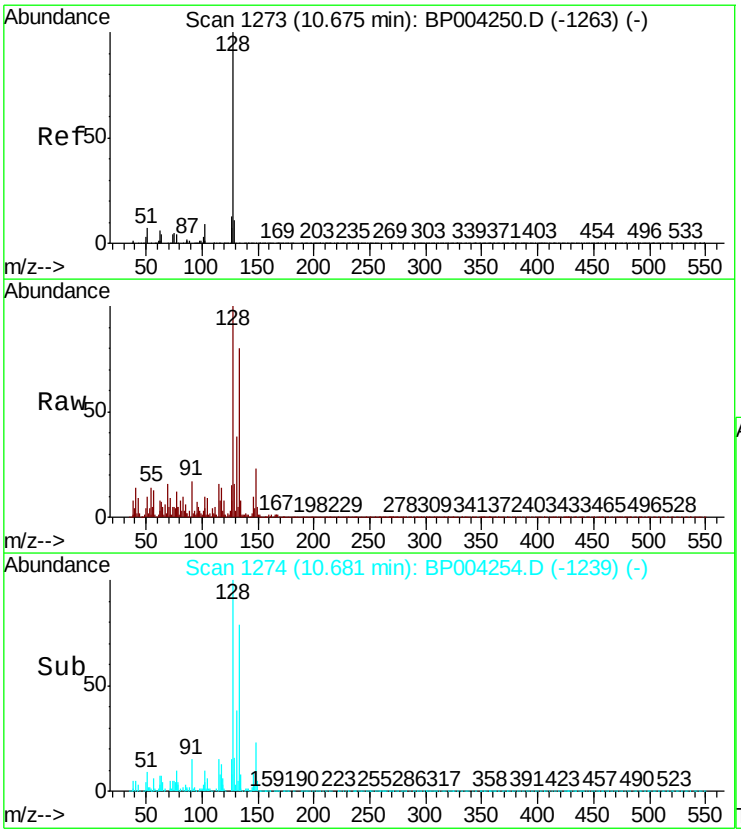
#21
Isophorone
Concen: 1.523 ng/ul
RT: 9.56 min Scan# 1083
Delta R.T. 0.01 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Instrument :
BNA_P
ClientSampleId :
C0AE0

Tgt Ion: 82 Resp: 69091

Ion	Ratio	Lower	Upper
82	100		
95	172.1	5.4	8.0#
138	10.6	14.4	21.6#

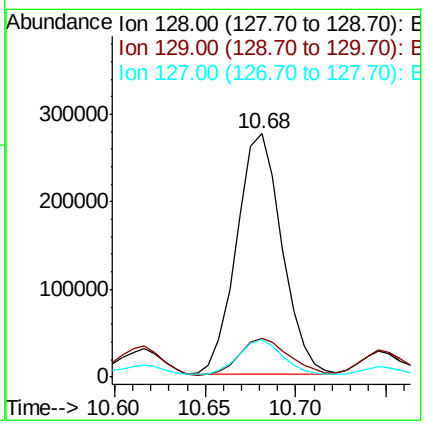


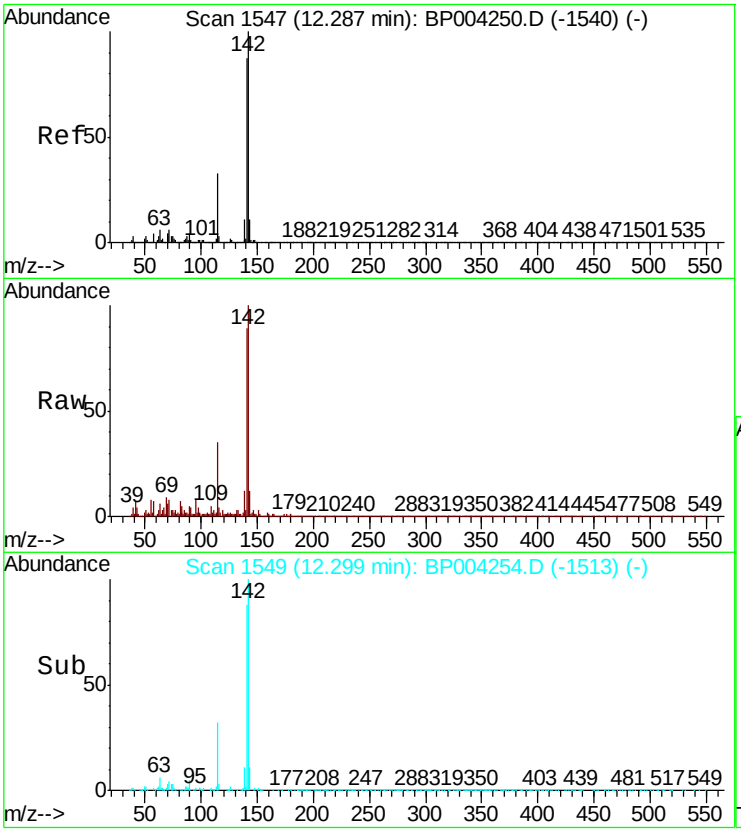


#28
Naphthalene
Concen: 6.353 ng/ul
RT: 10.68 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Tgt Ion:128 Resp: 478654

Ion	Ratio	Lower	Upper
128	100		
129	15.9	8.8	13.2#
127	15.5	10.6	16.0



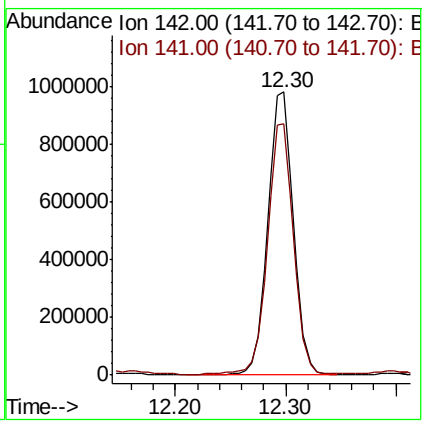


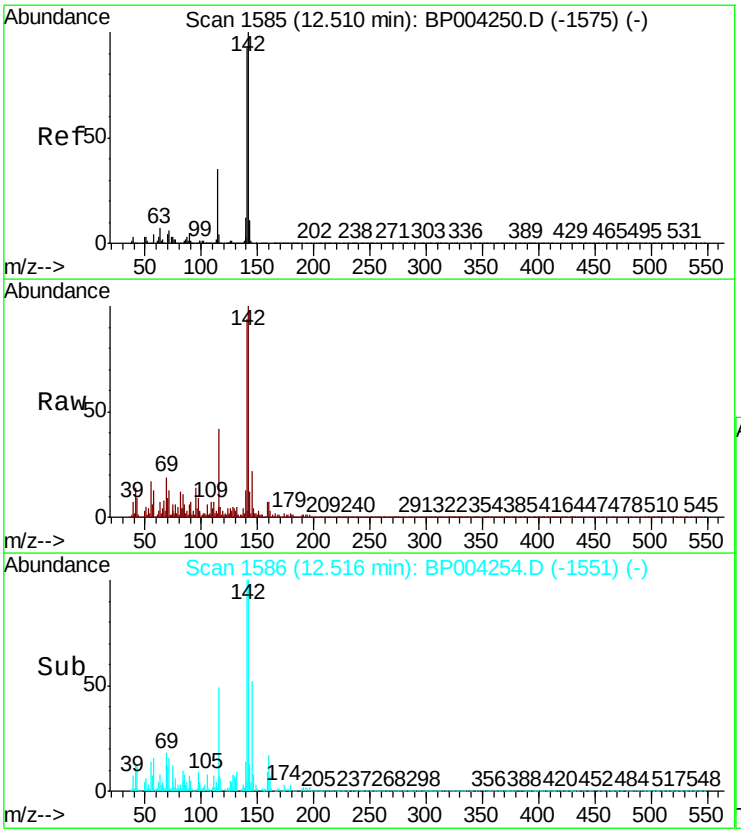
#34
2-Methylnaphthalene
Concen: 31.275 ng/ul
RT: 12.30 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Instrument :
BNA_P
ClientSampleId :
C0AE0

Tgt Ion:142 Resp: 1585210

Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.7	104.5

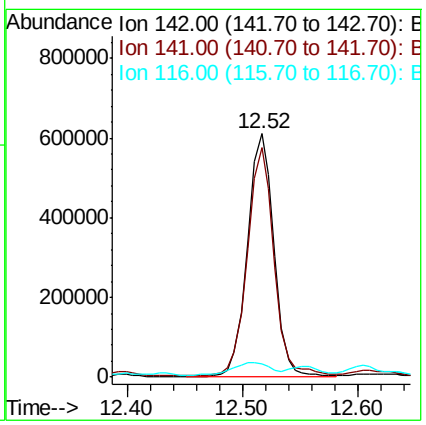


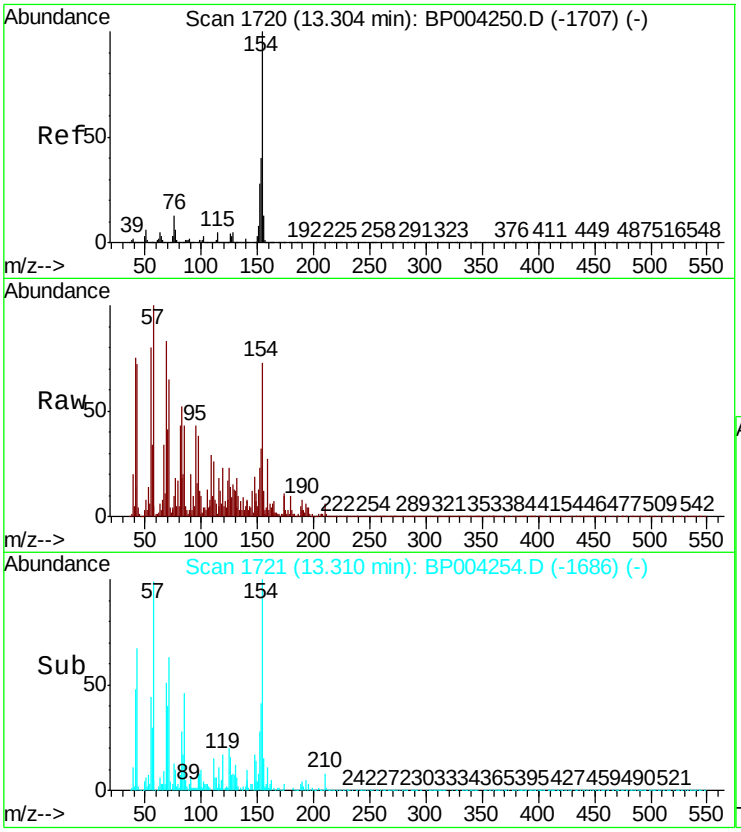


#35
1-Methylnaphthalene
Concen: 16.525 ng/ul
RT: 12.52 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Tgt Ion:142 Resp: 972586

Ion	Ratio	Lower	Upper
142	100		
141	94.3	73.8	110.8
116	5.4	2.8	4.2#



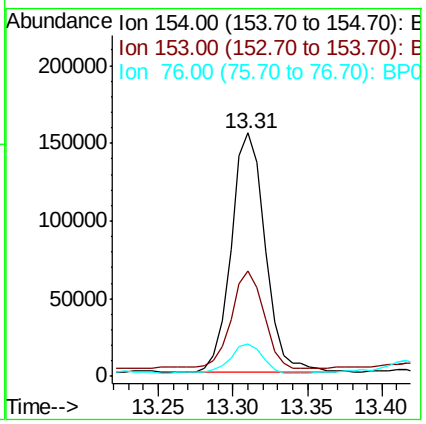


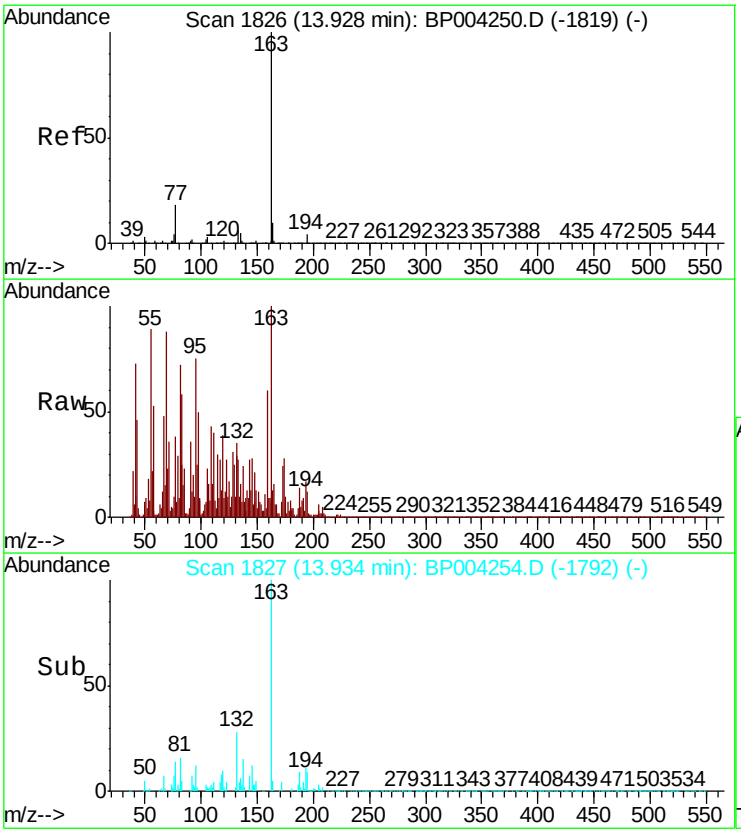
#41
1,1'-Biphenyl
Concen: 3.699 ng/ul
RT: 13.31 min Scan# 1721
Delta R.T. 0.01 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Instrument :
BNA_P
ClientSampleId :
C0AE0

Tgt Ion:154 Resp: 243384

Ion	Ratio	Lower	Upper
154	100		
153	43.3	32.2	48.2
76	13.5	11.0	16.6

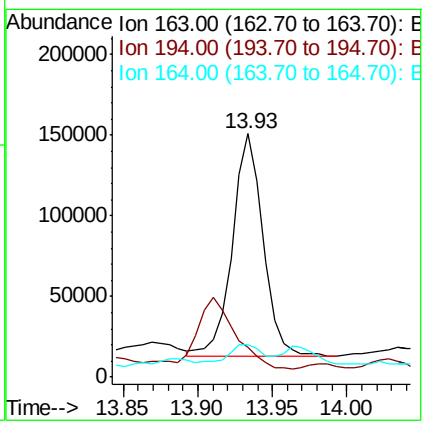


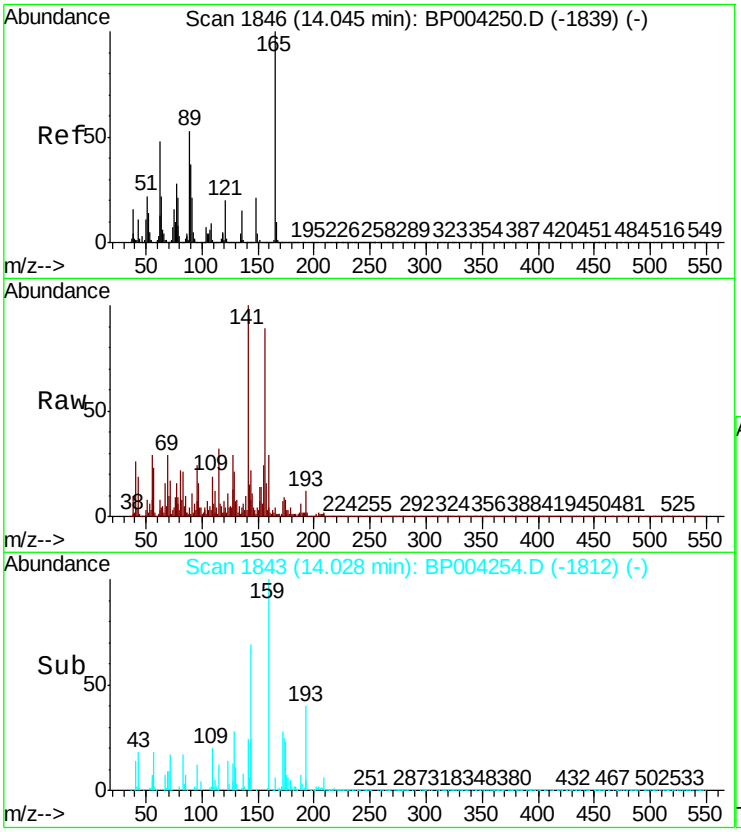


#45
Dimethylphthalate
Concen: 3.266 ng/ul
RT: 13.93 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Tgt Ion:163 Resp: 199468

Ion	Ratio	Lower	Upper
163	100		
194	12.0	3.4	5.2#
164	13.4	8.4	12.6#



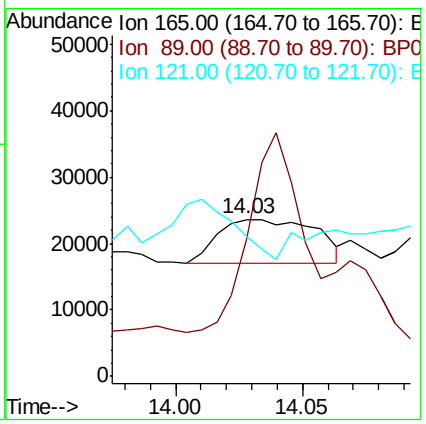


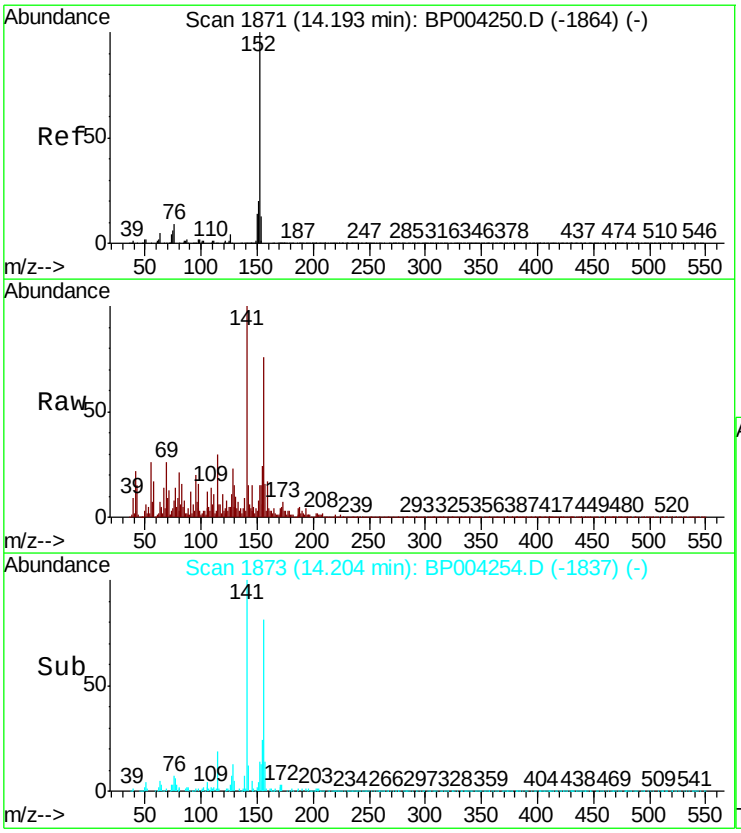
#46
2,6-Dinitrotoluene
Concen: 1.559 ng/ul
RT: 14.03 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Instrument :
BNA_P
ClientSampleId :
C0AE0

Tgt Ion:165 Resp: 17730

Ion	Ratio	Lower	Upper
165	100		
89	88.1	45.6	68.4#
121	89.4	17.1	25.7#

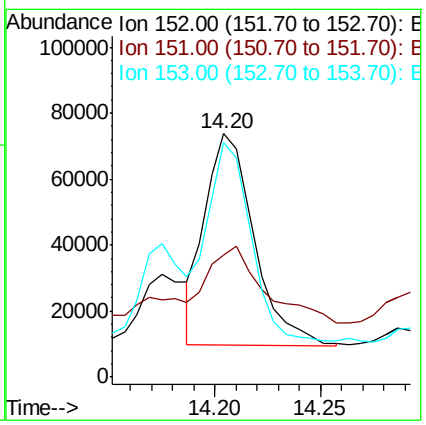


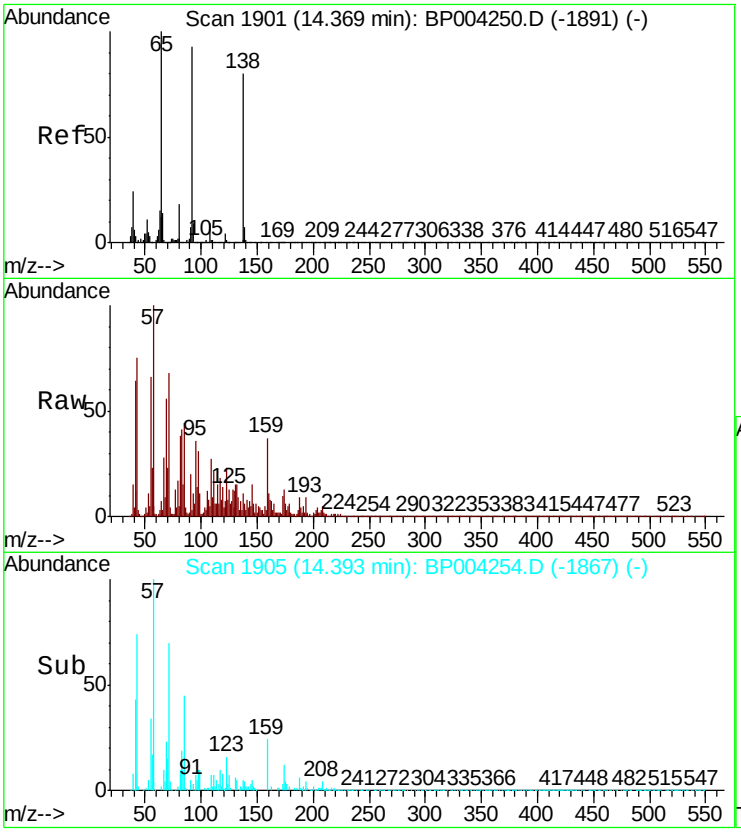


#48
Acenaphthylene
Concen: 1.371 ng/ul
RT: 14.20 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Tgt Ion:152 Resp: 104164

Ion	Ratio	Lower	Upper
152	100		
151	50.1	15.8	23.8#
153	96.4	10.6	16.0#



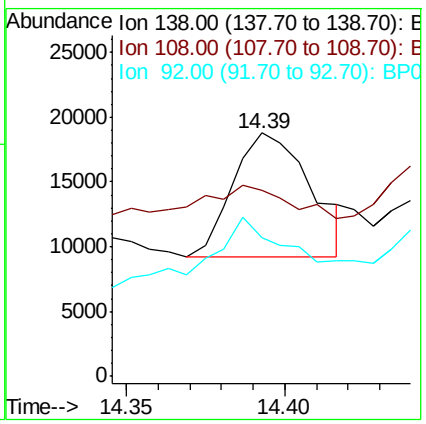


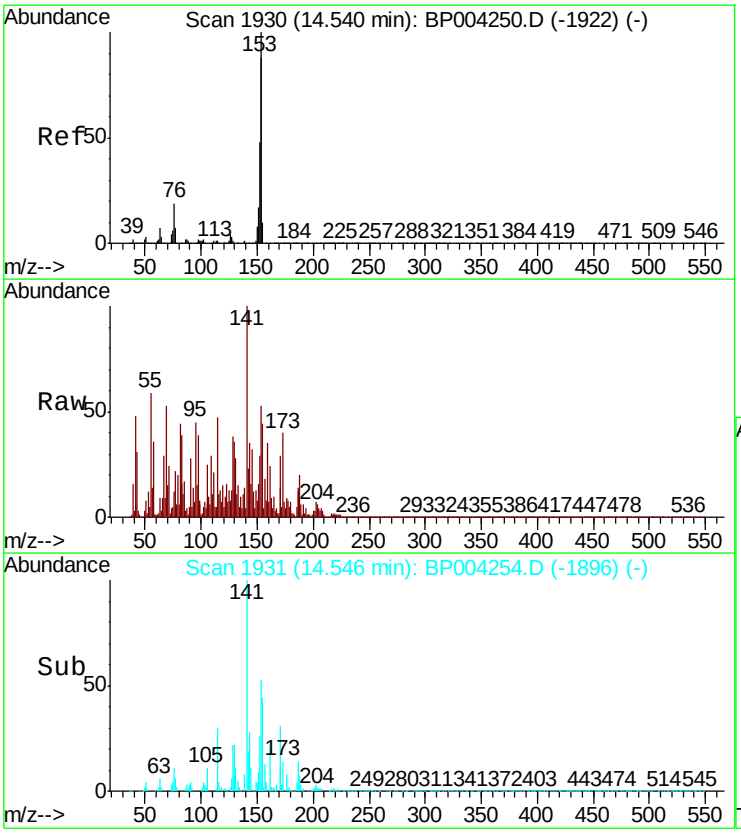
#49
3-Nitroaniline
Concen: 1.632 ng/ul
RT: 14.39 min Scan# 1905
Delta R.T. 0.02 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Instrument :
BNA_P
ClientSampleId :
C0AE0

Tgt Ion:138 Resp: 16431

Ion	Ratio	Lower	Upper
138	100		
108	76.5	9.0	13.4#
92	56.9	95.4	143.2#

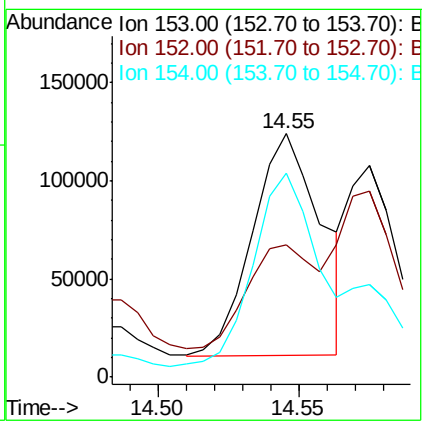


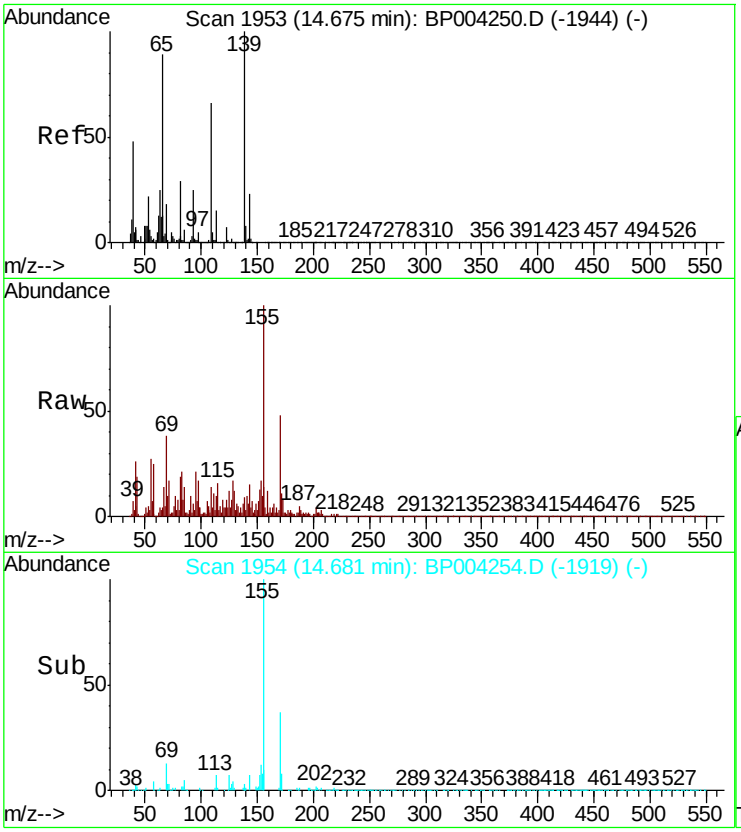


#50
Acenaphthene
Concen: 3.537 ng/ul
RT: 14.55 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Tgt Ion:153 Resp: 190215

Ion	Ratio	Lower	Upper
153	100		
152	54.1	37.8	56.6
154	83.6	69.8	104.8



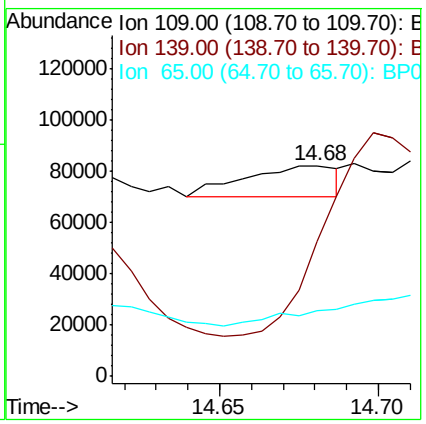


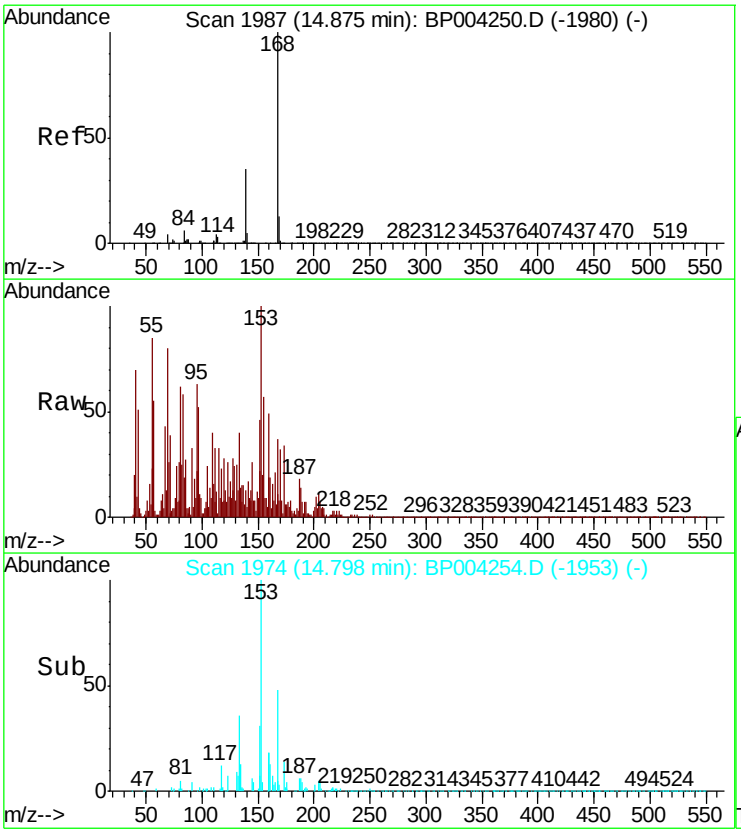
#53
4-Nitrophenol
Concen: 3.373 ng/ul
RT: 14.68 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Instrument :
BNA_P
ClientSampleId :
C0AE0

Tgt Ion:109 Resp: 25212

Ion	Ratio	Lower	Upper
109	100		
139	63.9	113.5	170.3#
65	31.0	105.1	157.7#

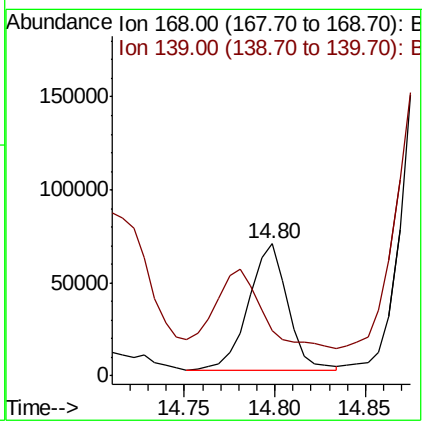


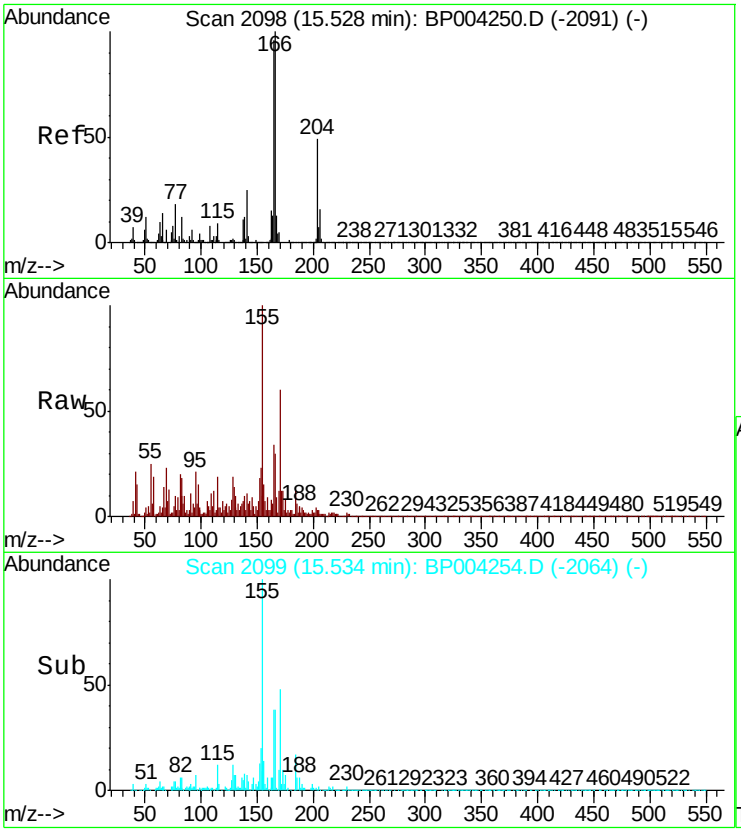


#54
Dibenzofuran
Concen: 1.338 ng/ul
RT: 14.80 min Scan# 1974
Delta R.T. -0.08 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Tgt Ion:168 Resp: 101378

Ion	Ratio	Lower	Upper
168	100		
139	33.9	29.0	43.6



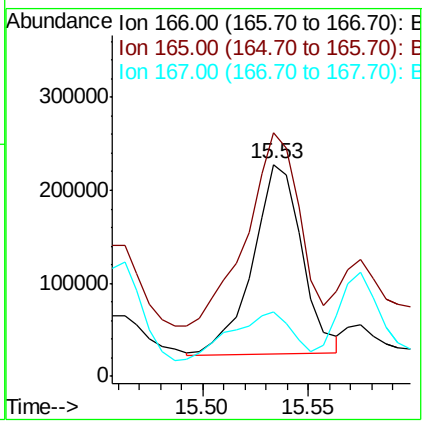


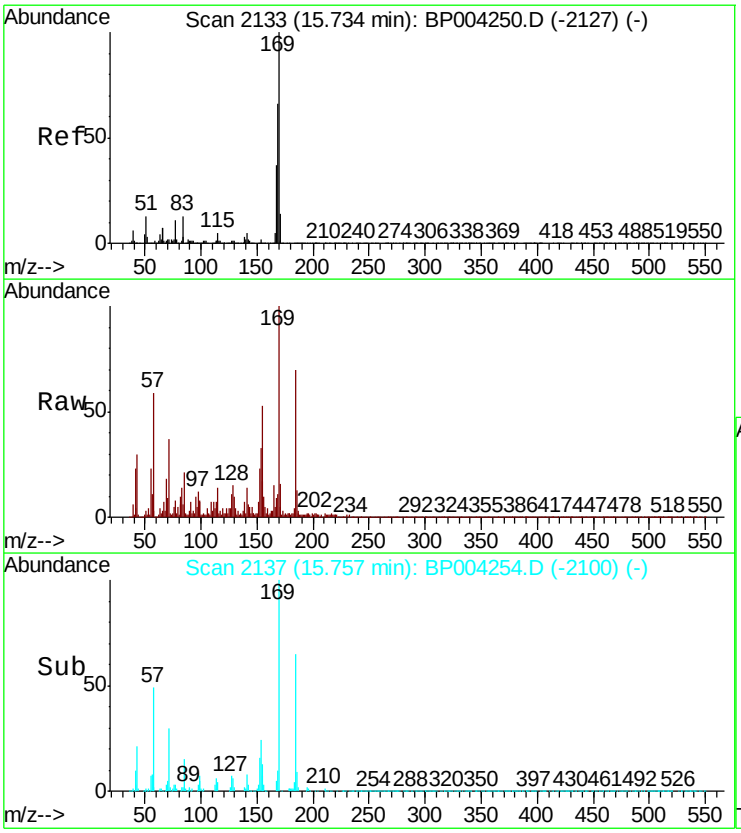
#59
Fluorene
Concen: 5.451 ng/ul
RT: 15.53 min Scan# 2099
Delta R.T. 0.01 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Instrument :
BNA_P
ClientSampleId :
C0AE0

Tgt Ion:166 Resp: 330365

Ion	Ratio	Lower	Upper
166	100		
165	114.9	78.2	117.2
167	30.7	10.8	16.2#

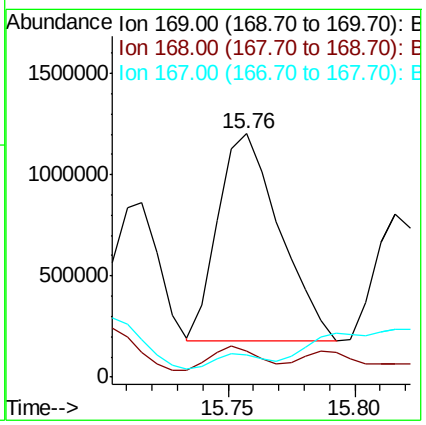


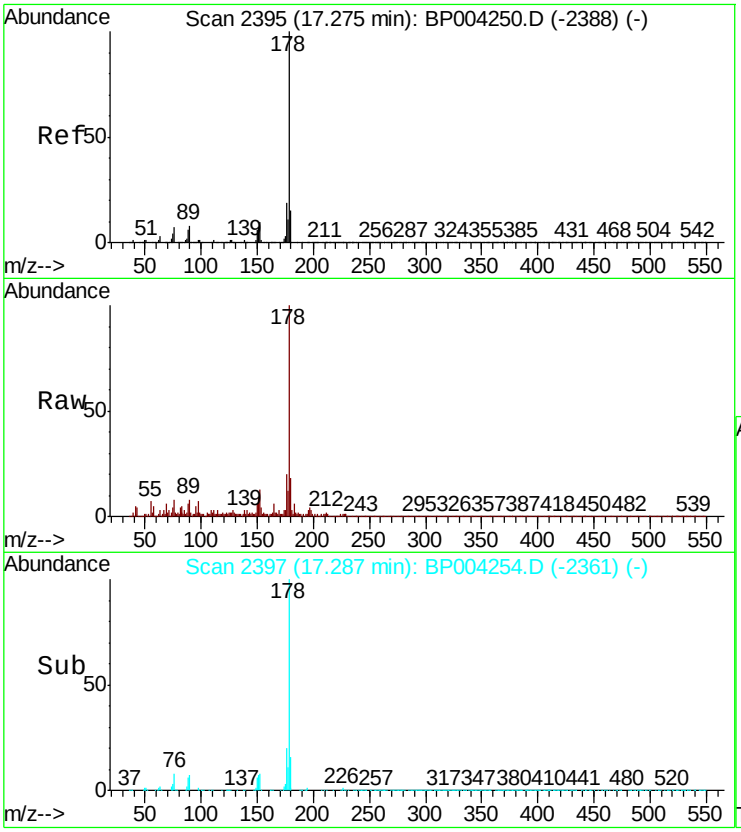


#65
N-Nitrosodiphenylamine
Concen: 36.375 ng/ul
RT: 15.76 min Scan# 2137
Delta R.T. 0.02 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Tgt Ion:169 Resp: 1746497

Ion	Ratio	Lower	Upper
169	100		
168	10.9	53.0	79.6#
167	9.1	29.1	43.7#



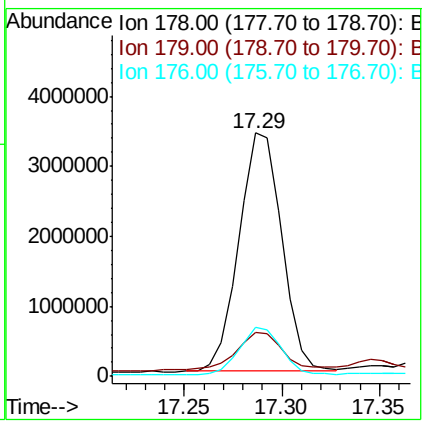


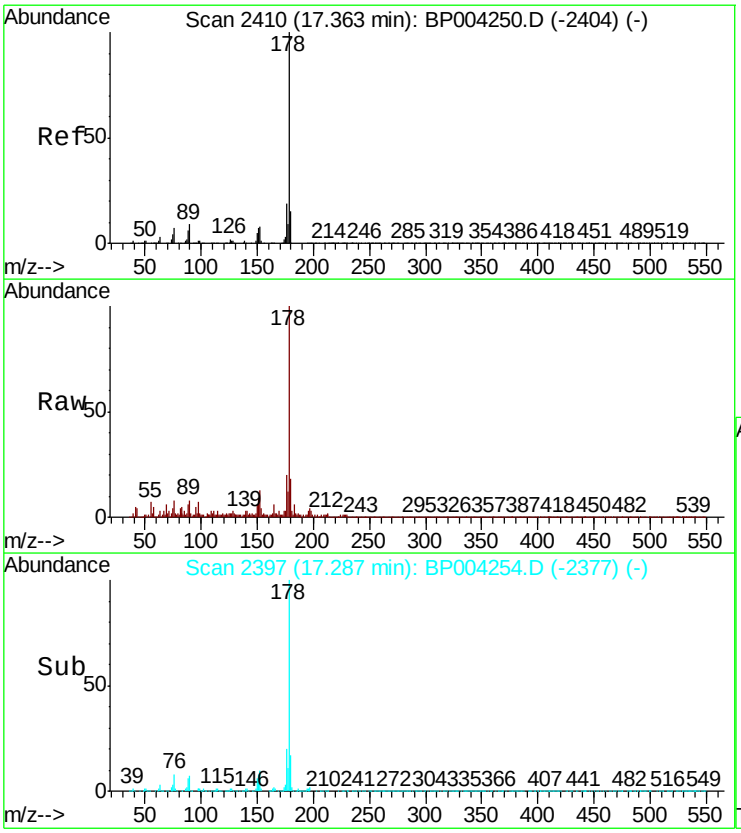
#70
Phenanthrene
Concen: 54.539 ng/ul
RT: 17.29 min Scan# 2397
Delta R.T. 0.01 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Instrument :
BNA_P
ClientSampleId :
C0AE0

Tgt Ion:178 Resp: 5193850

Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.4	18.6
176	20.1	15.4	23.0

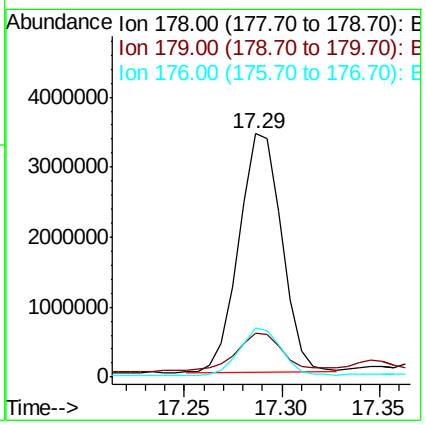


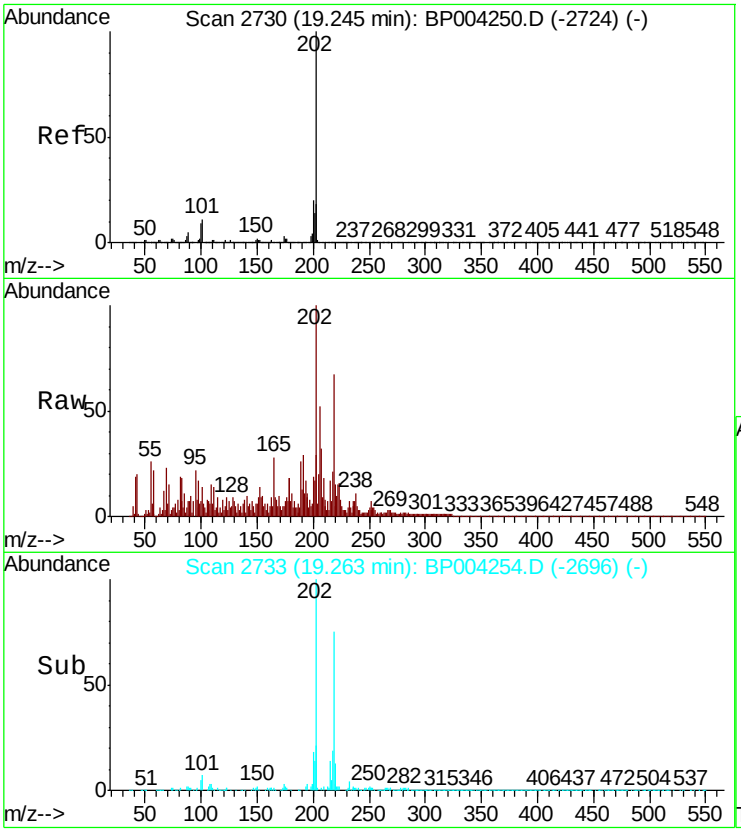


#72
Anthracene
Concen: 55.447 ng/ul
RT: 17.29 min Scan# 2397
Delta R.T. -0.08 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Tgt Ion:178 Resp: 5224115

Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.3	18.5
176	20.1	14.9	22.3



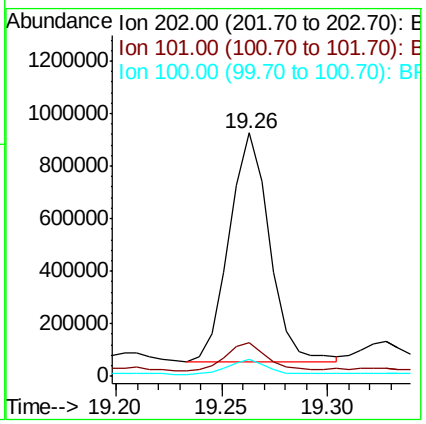


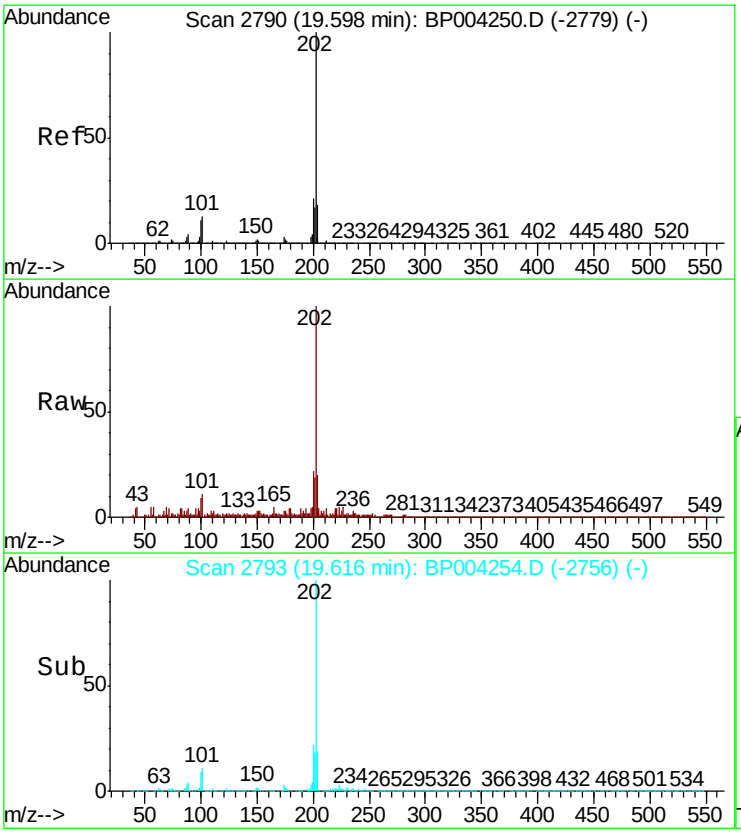
#77
Fluoranthene
Concen: 11.193 ng/ul
RT: 19.26 min Scan# 2733
Delta R.T. 0.02 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Instrument :
BNA_P
ClientSampleId :
C0AE0

Tgt Ion:202 Resp: 1138173

Ion	Ratio	Lower	Upper
202	100		
101	13.8	9.1	13.7#
100	6.8	7.1	10.7#

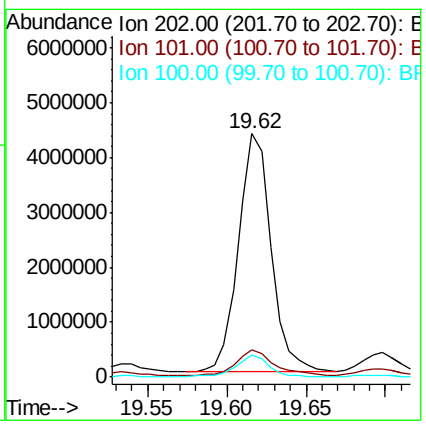


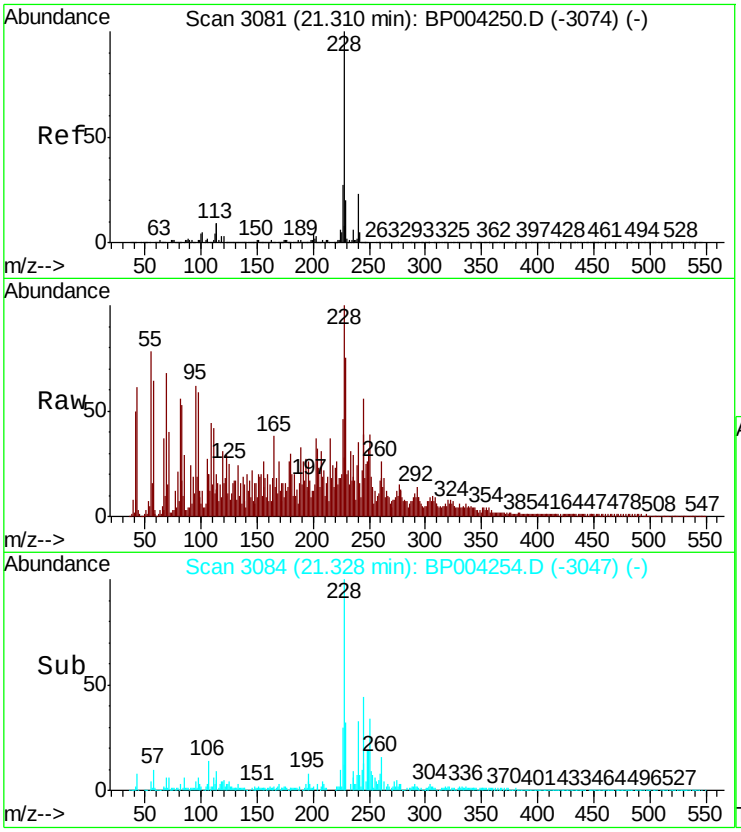


#80
Pyrene
Concen: 52.673 ng/ul
RT: 19.62 min Scan# 2793
Delta R.T. 0.02 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Tgt Ion:202 Resp: 6253923

Ion	Ratio	Lower	Upper
202	100		
101	11.2	10.6	15.8
100	8.9	8.6	12.8



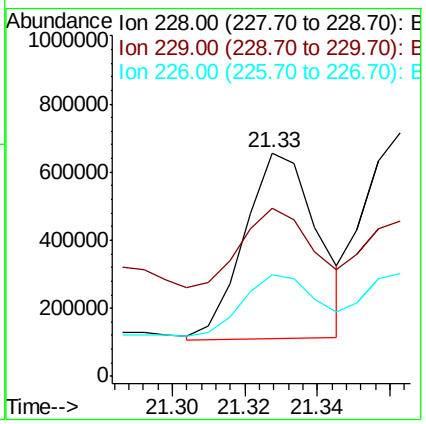


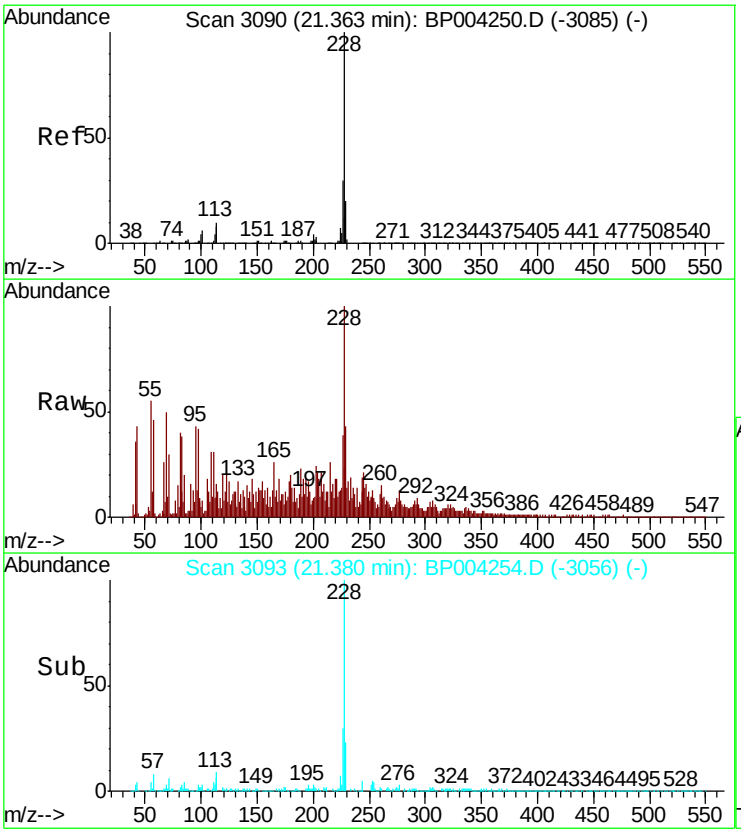
#83
Benzo(a)anthracene
Concen: 6.598 ng/ul
RT: 21.33 min Scan# 3084
Delta R.T. 0.02 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Instrument :
BNA_P
ClientSampleId :
C0AE0

Tgt Ion:228 Resp: 765541

Ion	Ratio	Lower	Upper
228	100		
229	75.2	15.8	23.8#
226	45.6	21.7	32.5#

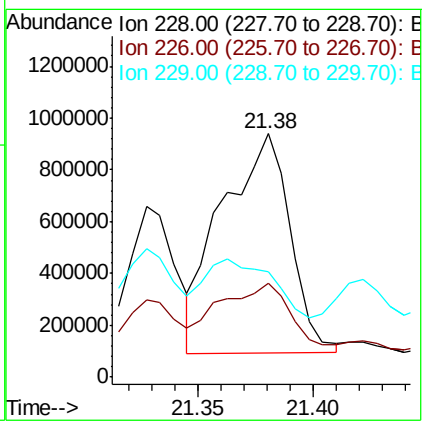


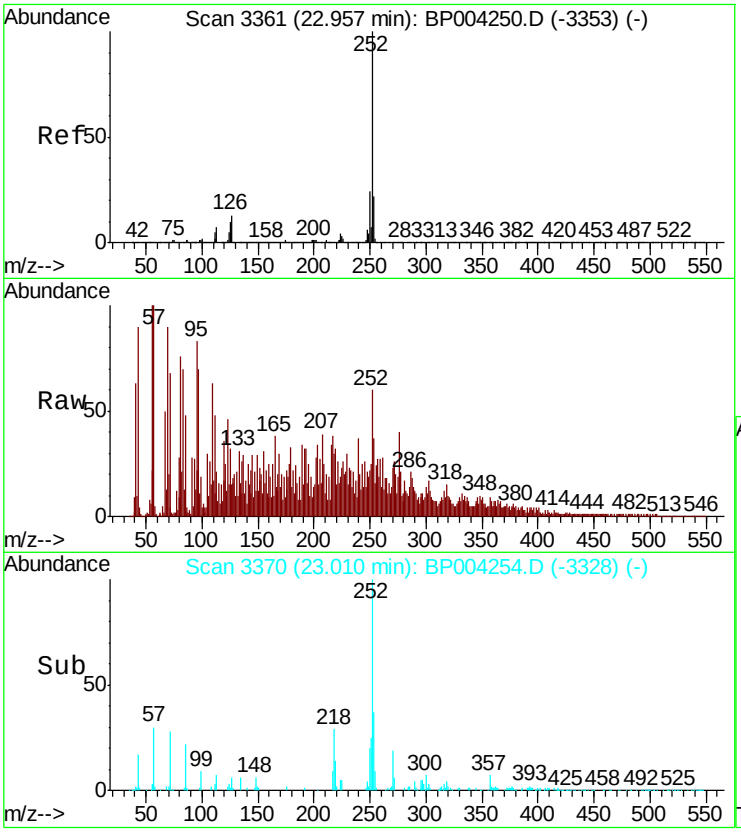


#85
Chrysene
Concen: 15.335 ng/ul
RT: 21.38 min Scan# 3093
Delta R.T. 0.02 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Tgt Ion:228 Resp: 1745463

Ion	Ratio	Lower	Upper
228	100		
226	38.6	24.2	36.2#
229	43.5	15.8	23.8#



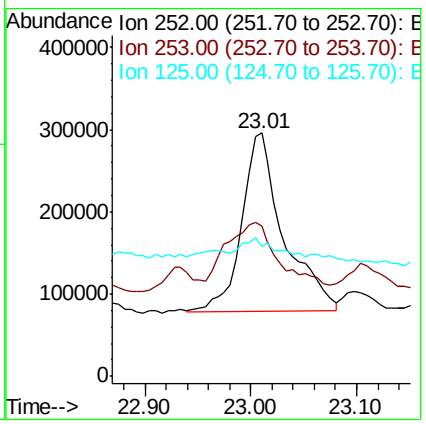


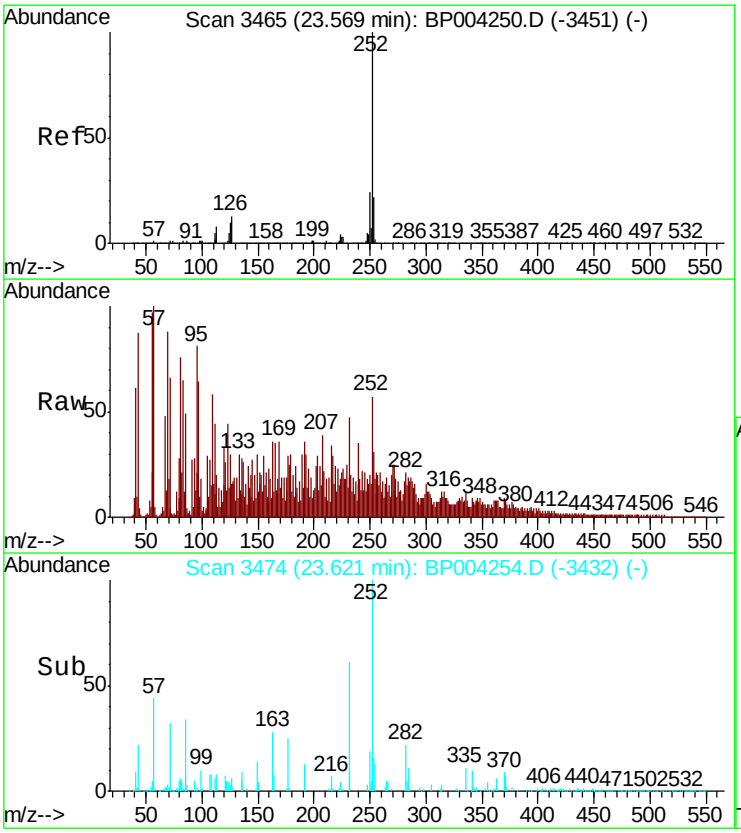
#88
Benzo(b)fluoranthene
Concen: 4.458 ng/ul
RT: 23.01 min Scan# 3370
Delta R.T. 0.05 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Instrument :
BNA_P
ClientSampleId :
C0AE0

Tgt Ion:252 Resp: 598380

Ion	Ratio	Lower	Upper
252	100		
253	61.9	17.6	26.4#
125	53.3	7.7	11.5#

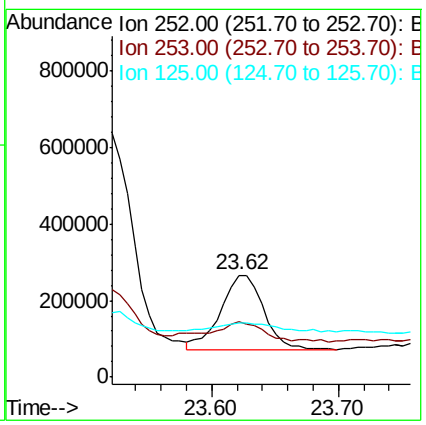


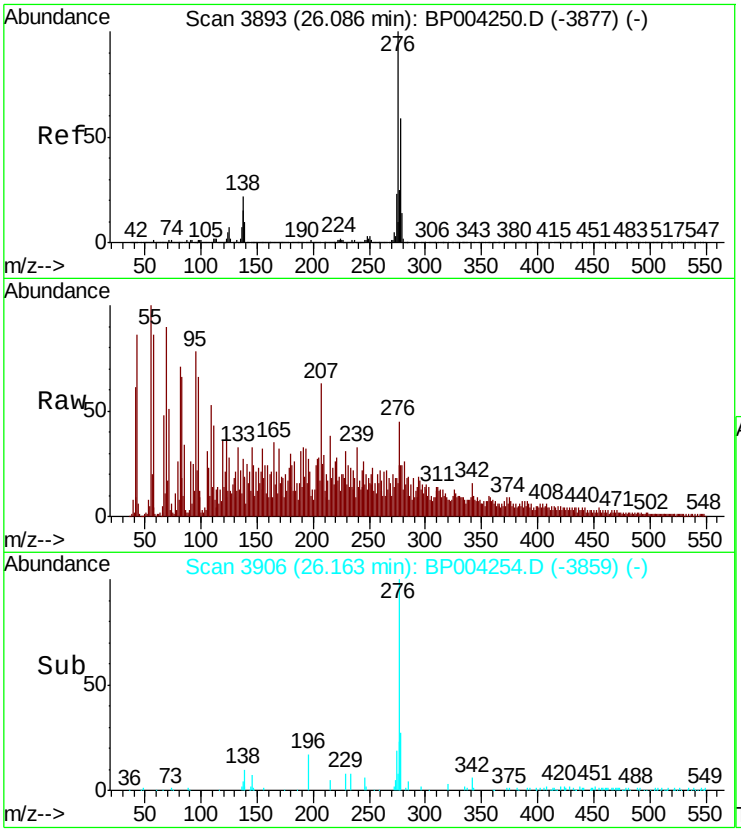


#91
Benzo(a)pyrene
Concen: 3.684 ng/ul
RT: 23.62 min Scan# 3474
Delta R.T. 0.05 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Tgt Ion:252 Resp: 461413

Ion	Ratio	Lower	Upper
252	100		
253	54.6	17.3	25.9#
125	53.5	7.8	11.6#



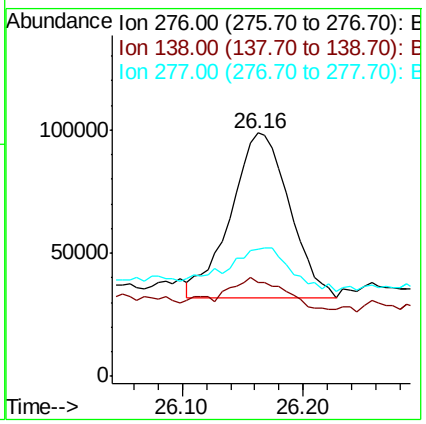


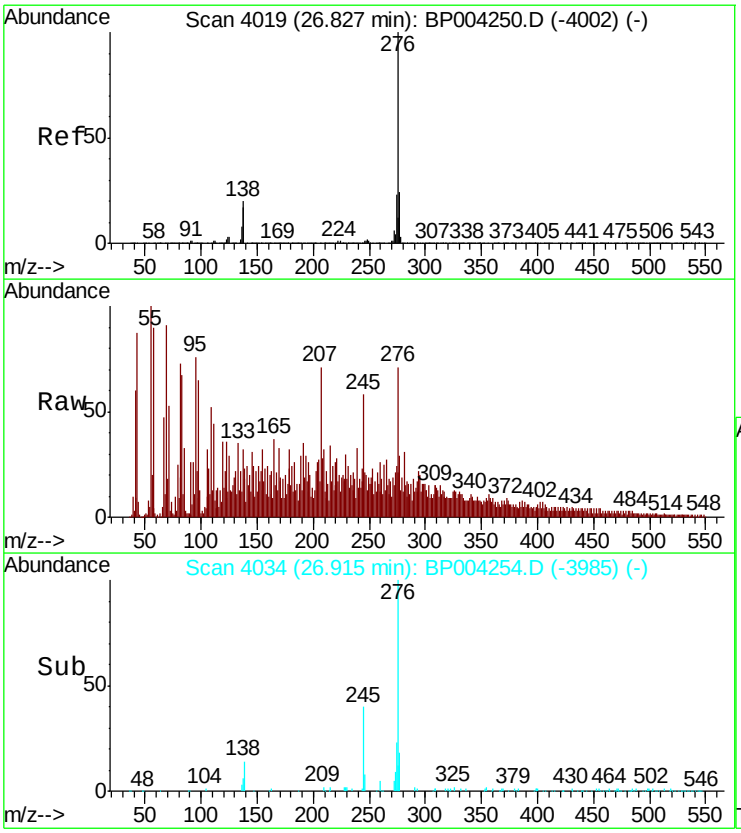
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.429 ng/ul
RT: 26.16 min Scan# 3906
Delta R.T. 0.08 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Instrument :
BNA_P
ClientSampleId :
C0AE0

Tgt Ion:276 Resp: 224453

Ion	Ratio	Lower	Upper
276	100		
138	38.8	17.8	26.6#
277	52.4	19.8	29.6#





#94
Benzo(g,h,i)perylene
Concen: 2.597 ng/ul
RT: 26.92 min Scan# 4034
Delta R.T. 0.09 min
Lab File: BP004254.D
Acq: 12 Dec 2020 12:19

Tgt Ion:276 Resp: 342207

Ion	Ratio	Lower	Upper
276	100		
138	32.4	16.6	25.0#
277	41.0	18.5	27.7#