Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001034.D
Acq On : 12 Nov 2019 00:08
Operator : JU
Sample : K5673-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Nov 12 04:19:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	216486	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	758433	20.00	ng		0.00
39) Acenaphthene-d10	13.26	164	404240	20.00	ng		0.00
64) Phenanthrene-d10	15.66	188	771666	20.00	ng		0.00
76) Chrysene-d12	19.30	240	621313	20.00	ng		0.00
87) Perylene-d12	21.09	264	571869	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	993480	83.53	ng		0.00
7) Phenol-d6	7.82	99	1309481	87.07	ng		0.00
23) Nitrobenzene-d5	9.25	82	781285	56.98	ng		0.00
42) 2,4,6-Tribromophenol	14.56	330	449806	93.21	ng		0.00
45) 2-Fluorobiphenyl	12.18	172	1638511	61.05	ng		0.00
79) Terphenyl-d14	17.95	244	1947498	62.35	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.83	94	80998	4.924	ng		93
19) n-Nitroso-di-n-propylamine	9.25	70	104265	11.545	ng	#	80
32) Benzoic acid	10.00	122	90	7.681	ng	#	1
49) Acenaphthylene	13.03	152	142919	3.864	ng		96
50) Dimethylphthalate	12.85	163	112723	3.771	ng	#	98
52) Acenaphthene	13.32	154	46830	2.117	ng		94
54) 2,4-Dinitrophenol	13.35	184	53	8.333	ng	#	1
58) Fluorene	14.16	166	92283	3.355	ng		96
65) 4,6-Dinitro-2-methylphenol	14.25	198	173	9.938	ng	#	1
71) Phenanthrene	15.70	178	690379	17.480	ng		100
72) Anthracene	15.77	178	277705	7.208	ng		98
75) Fluoranthene	17.41	202	1386342	31.055	ng		98
78) Pyrene	17.72	202	1411741	32.152	ng		100
81) Benzo(a)anthracene	19.29	228	712247	17.021	ng		94
83) Chrysene	19.29	228	712247	19.388	ng		97
86) Indeno(1,2,3-cd)pyrene	22.77	276	257400	5.121	ng	#	94
88) Benzo(b)fluoranthene	20.60	252	904521	26.535	ng		98
89) Benzo(k)fluoranthene	20.60	252	904521	28.188	ng		97
90) Benzo(a)pyrene	21.02	252	496332	15.834	ng		95
91) Dibenzo(a,h)anthracene	22.79	278	67270	2.103	ng	#	68
92) Benzo(g,h,i)perylene	23.27	276	225887	7.012	ng		95

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

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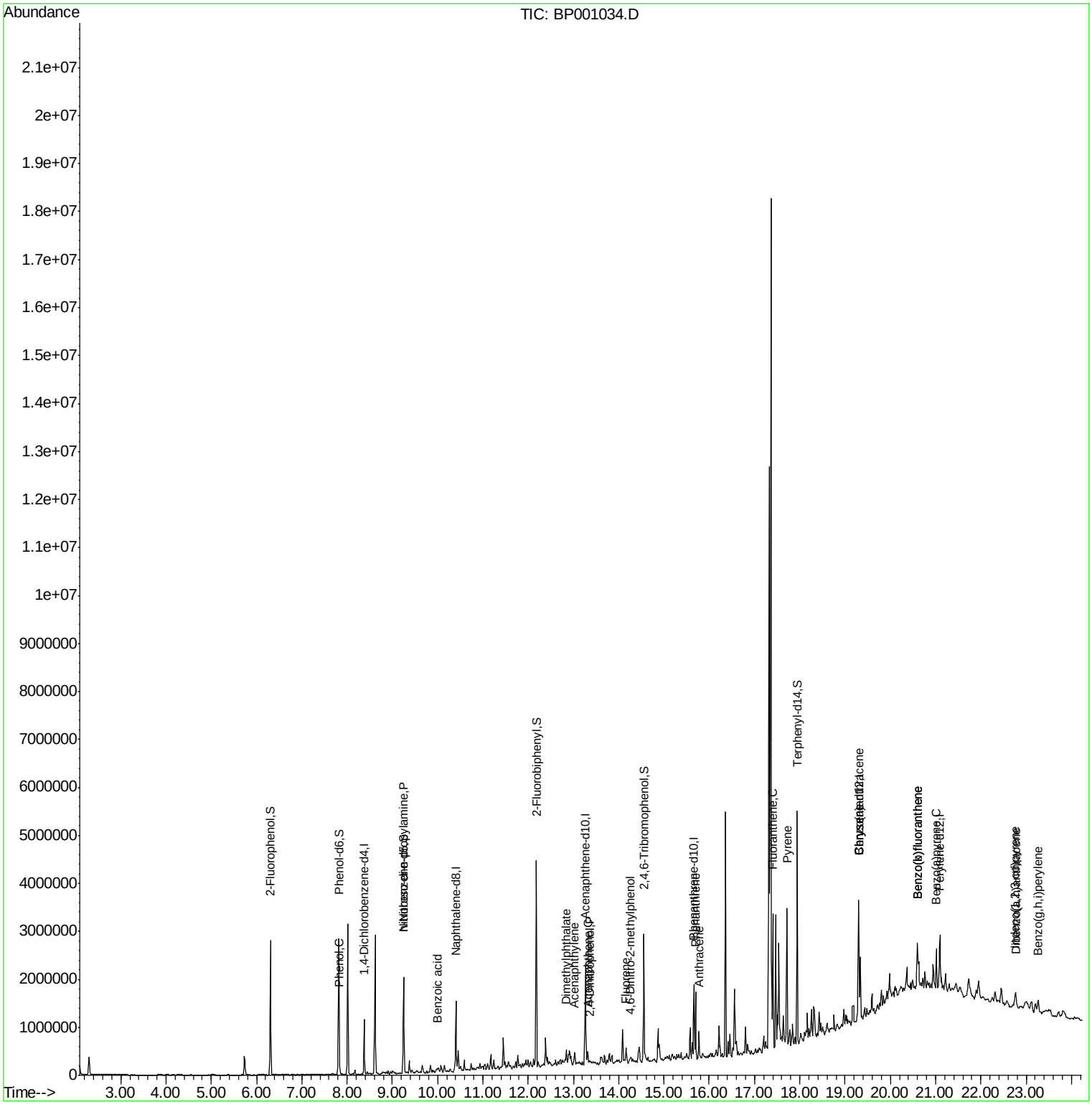
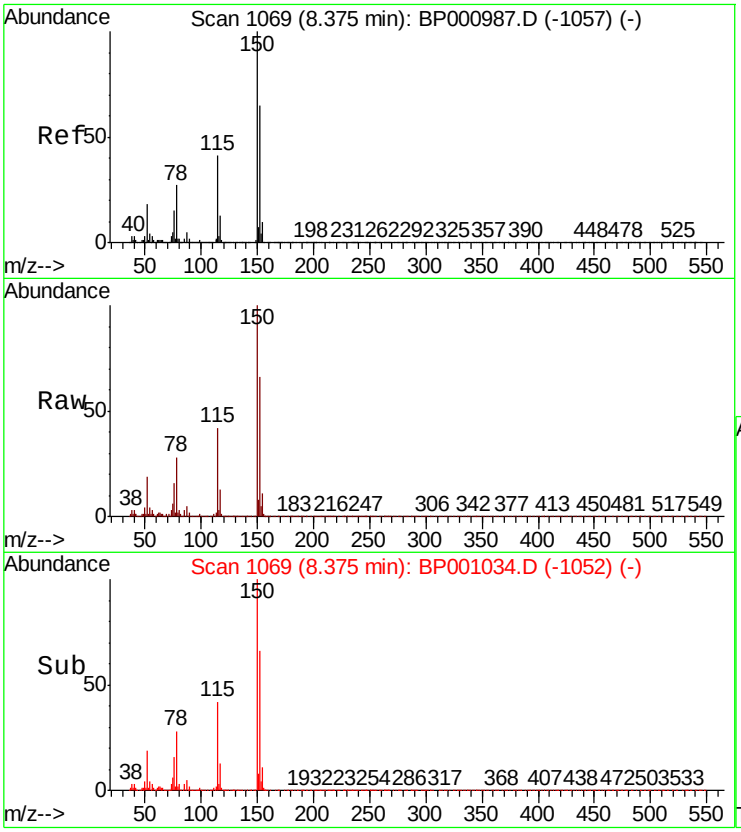


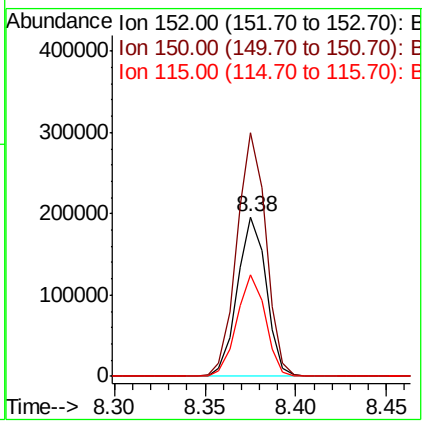


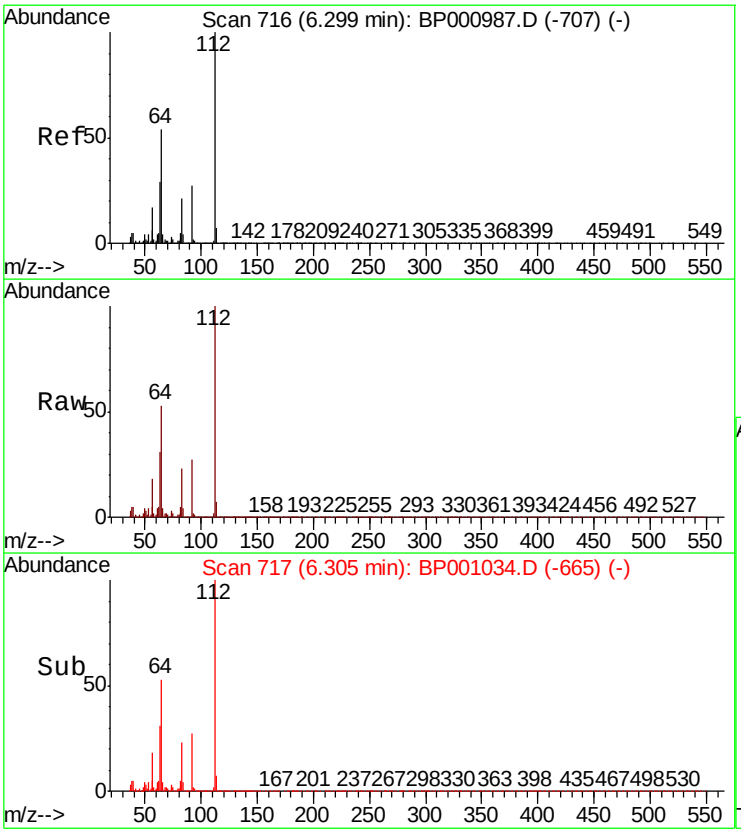
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.38 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 216486

Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.6	185.4
115	63.6	50.1	75.1

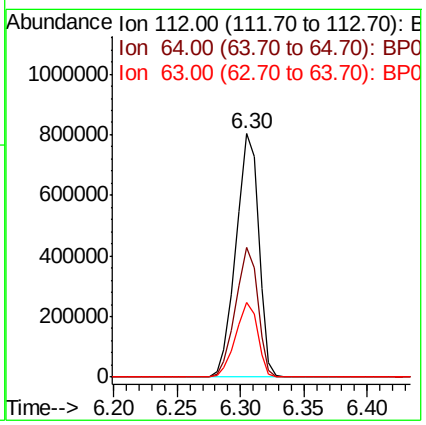


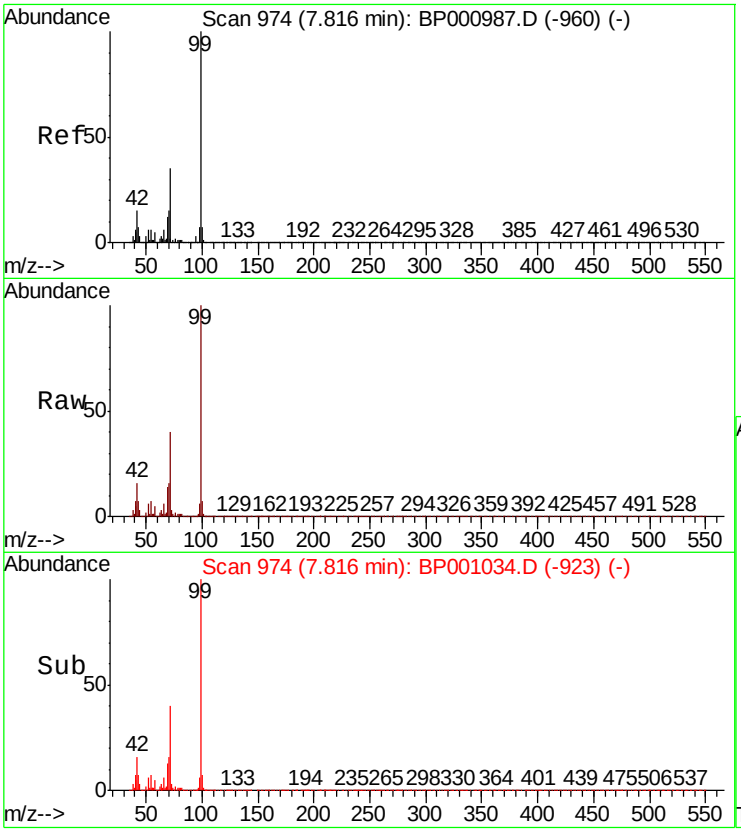


#5
2-Fluorophenol
Concen: 83.530 ng
RT: 6.30 min Scan# 717
Delta R.T. 0.01 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Tgt Ion:112 Resp: 993480

Ion	Ratio	Lower	Upper
112	100		
64	53.4	43.4	65.0
63	30.7	23.4	35.0



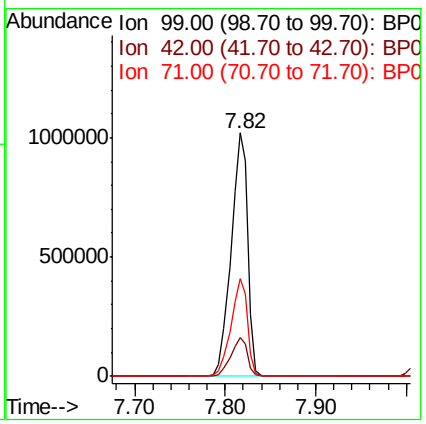


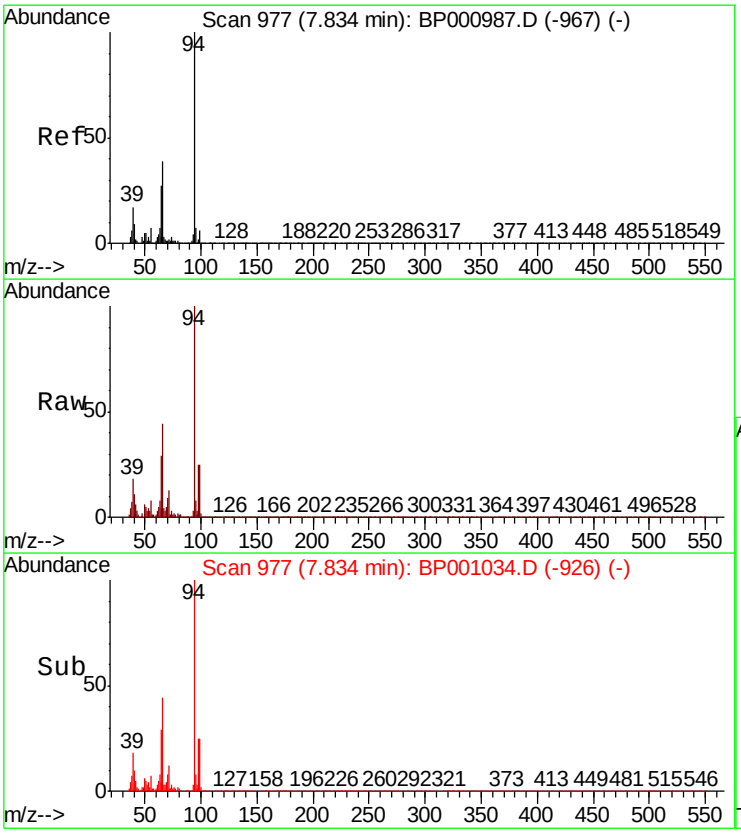
#7
Phenol-d6
Concen: 87.065 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1309481

Ion	Ratio	Lower	Upper
99	100		
42	16.0	11.6	17.4
71	40.4	28.0	42.0

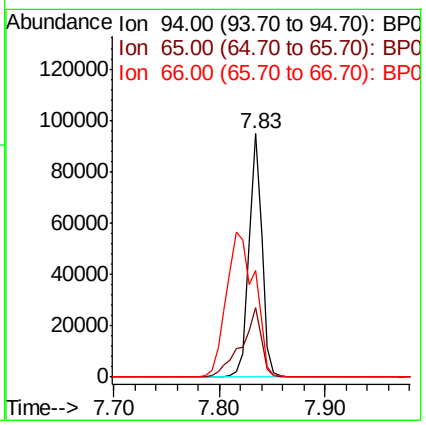


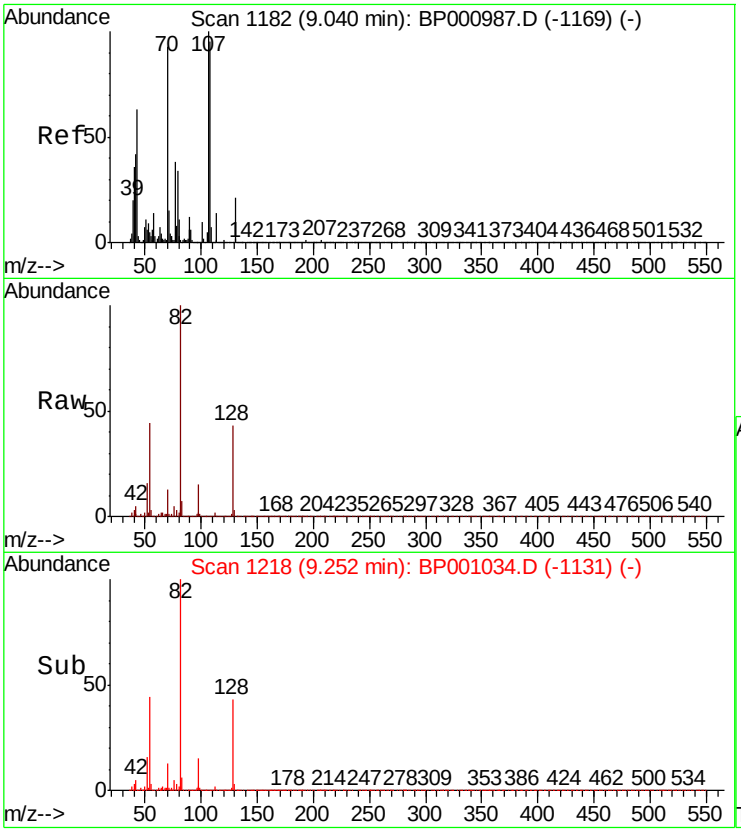


#10
Phenol
Concen: 4.924 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Tgt Ion: 94 Resp: 80998

Ion	Ratio	Lower	Upper
94	100		
65	28.7	6.7	46.7
66	44.0	18.6	58.6



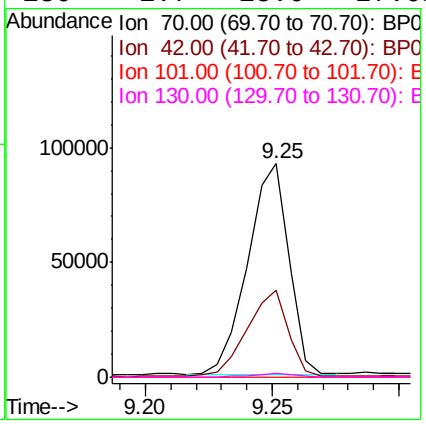


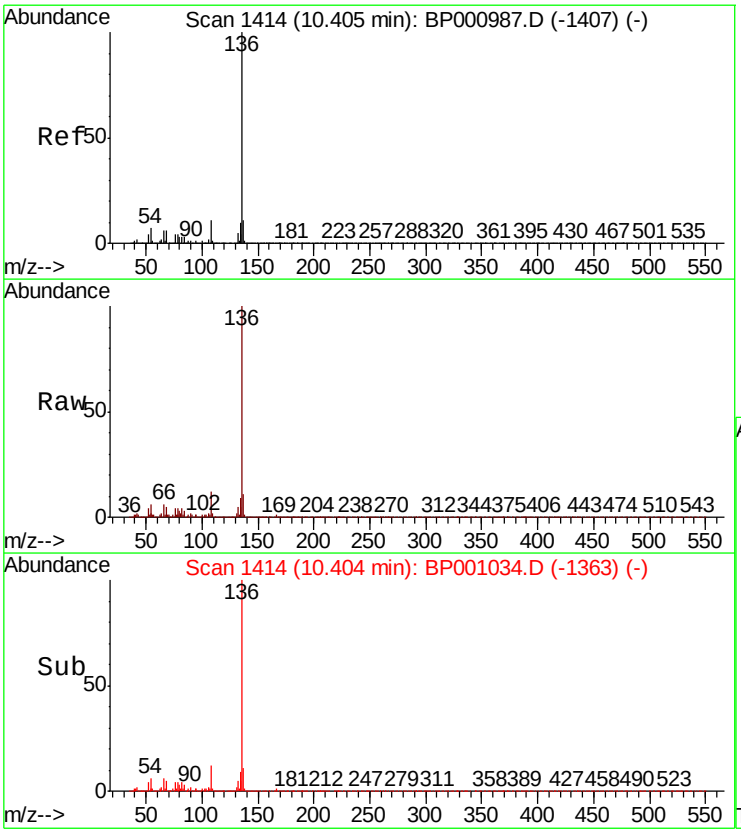
#19
n-Nitroso-di-n-propylamine
Concen: 11.545 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.21 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 104265

Ion	Ratio	Lower	Upper
70	100		
42	40.8	36.3	54.5
101	0.1	8.7	13.1#
130	1.7	18.0	27.0#

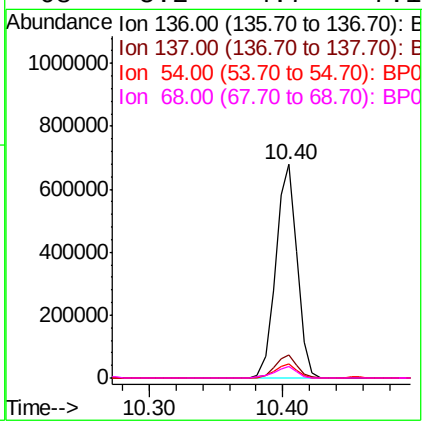


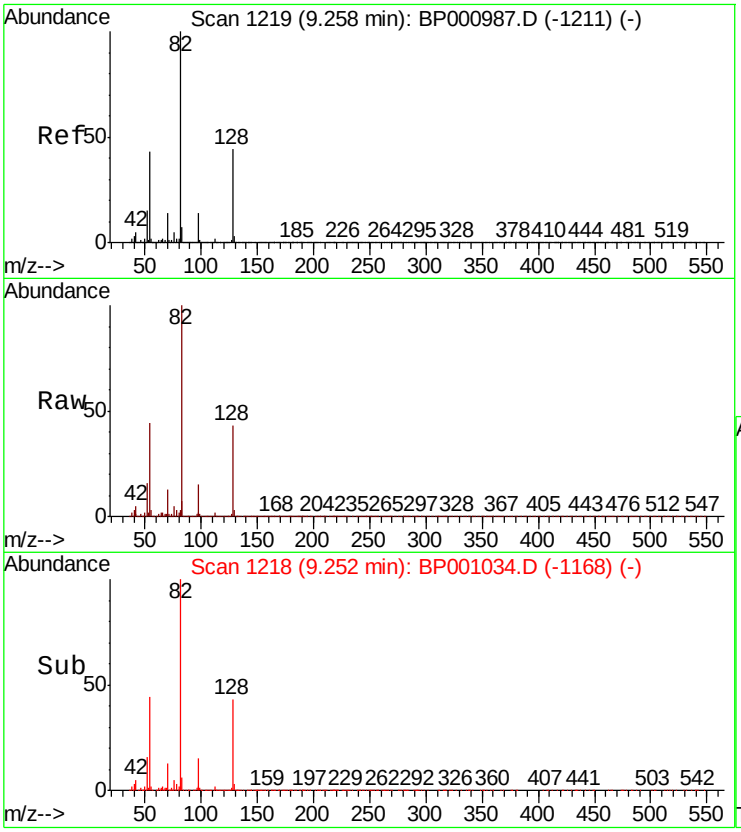


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Tgt Ion:136 Resp: 758433

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	6.5	5.4	8.2
68	5.2	4.7	7.1



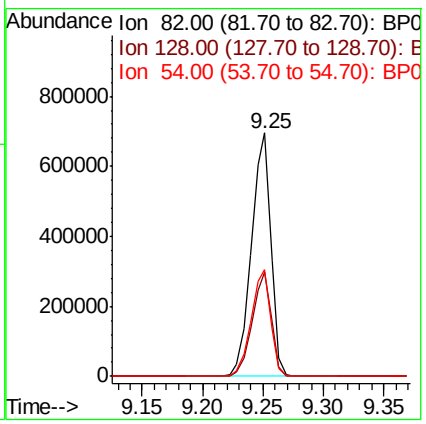


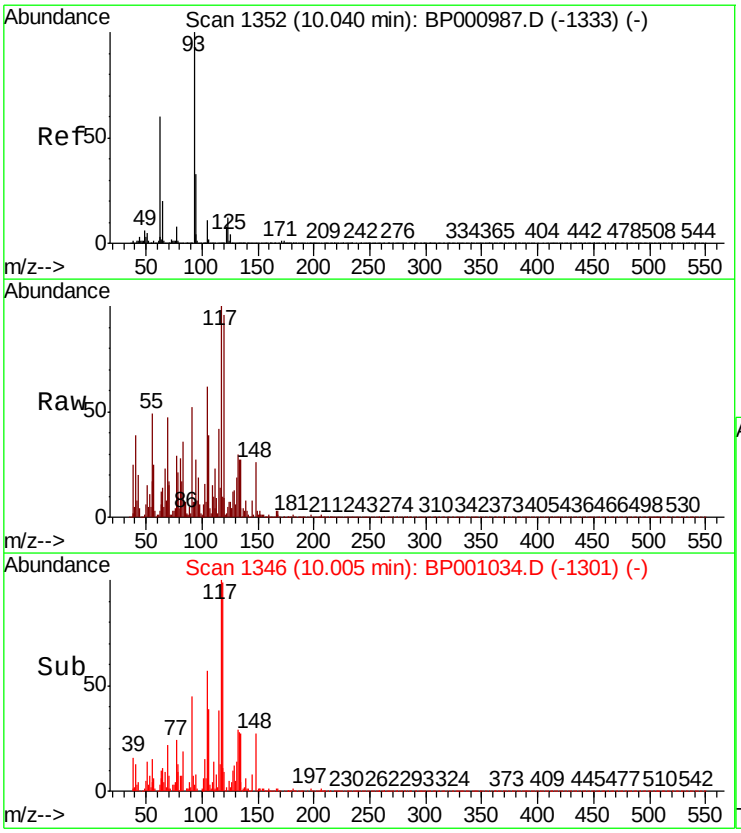
#23
Nitrobenzene-d5
Concen: 56.983 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 781285

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.3	52.9
54	44.0	34.3	51.5

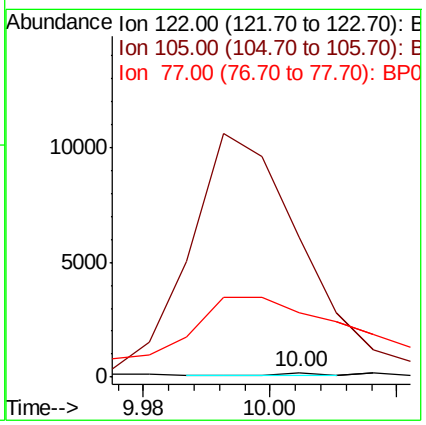


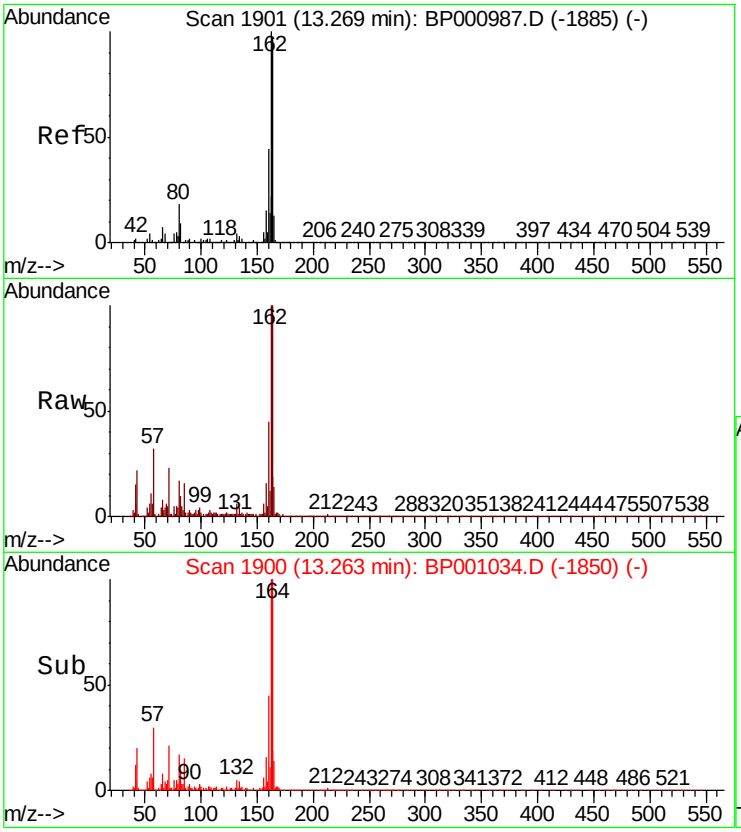


#32
Benzoic acid
Concen: 7.681 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.03 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Tgt Ion:122 Resp: 90

Ion	Ratio	Lower	Upper
122	100		
105	3093.9	110.5	150.5#
77	1429.8	77.9	117.9#



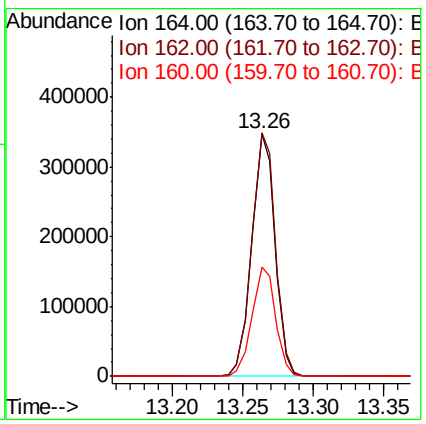


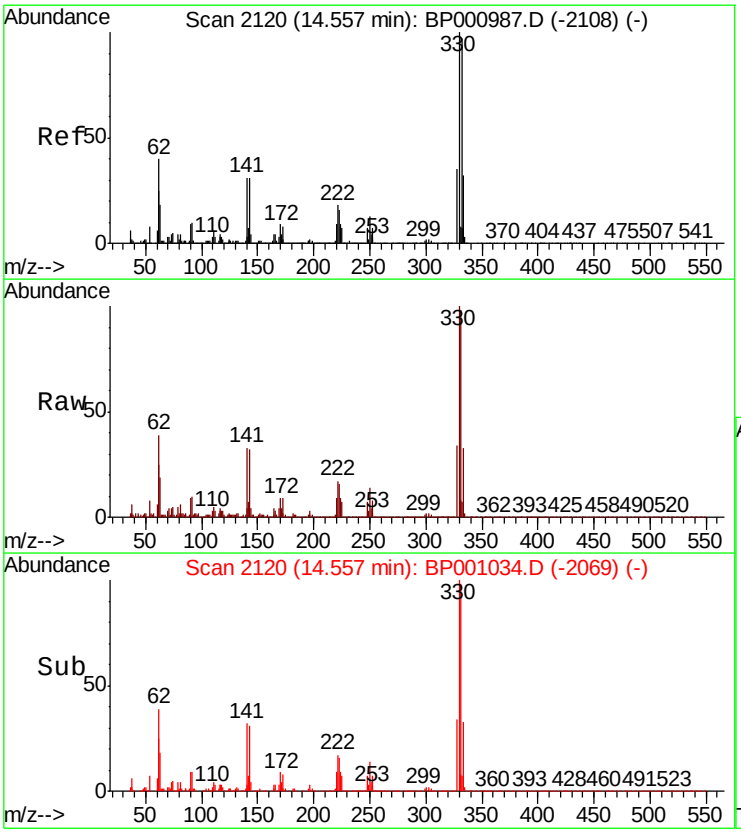
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 404240

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.6	123.8
160	45.0	36.5	54.7

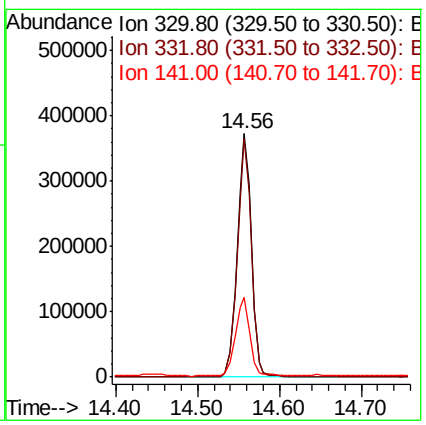


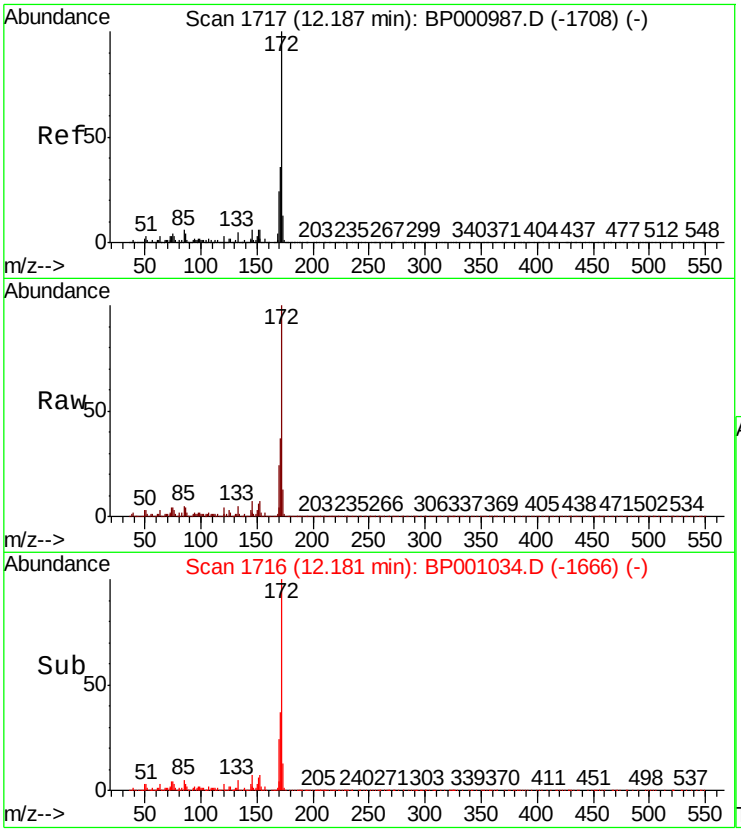


#42
2,4,6-Tribromophenol
Concen: 93.210 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Tgt Ion:330 Resp: 449806

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.3	117.5
141	33.1	25.0	37.4



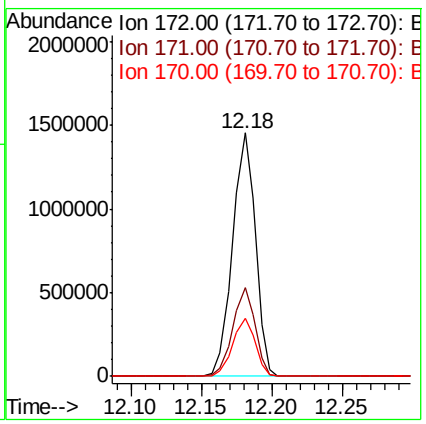


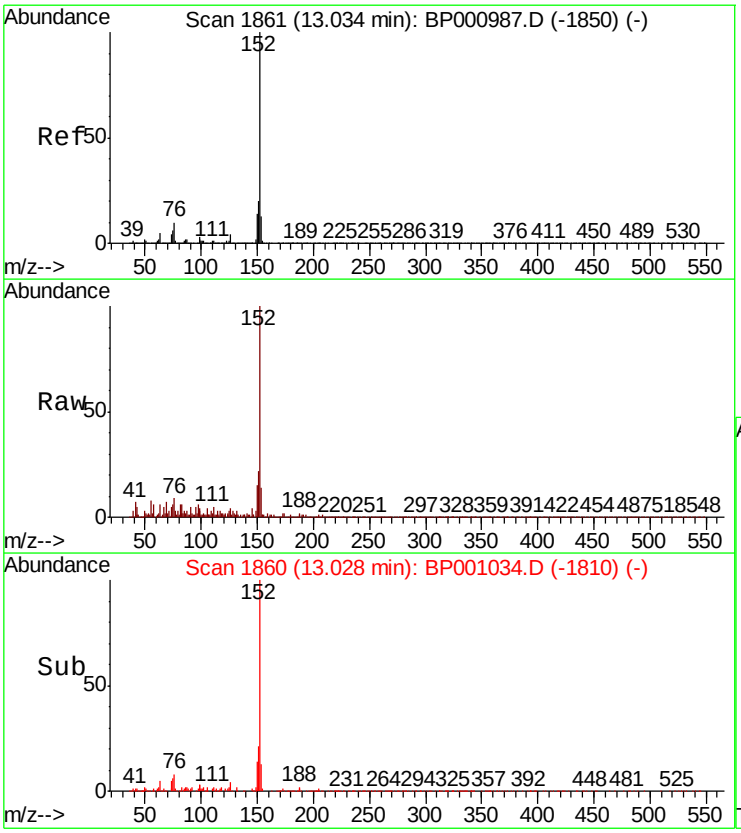
#45
2-Fluorobiphenyl
Concen: 61.047 ng
RT: 12.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 1638511

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	23.8	18.9	28.3

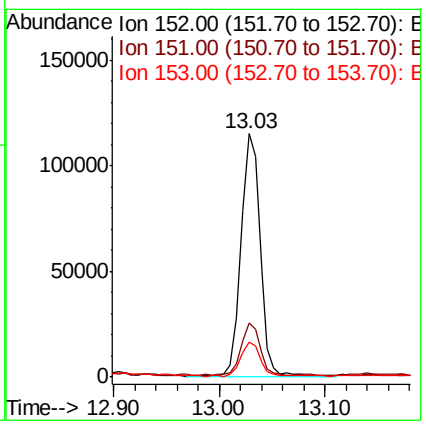


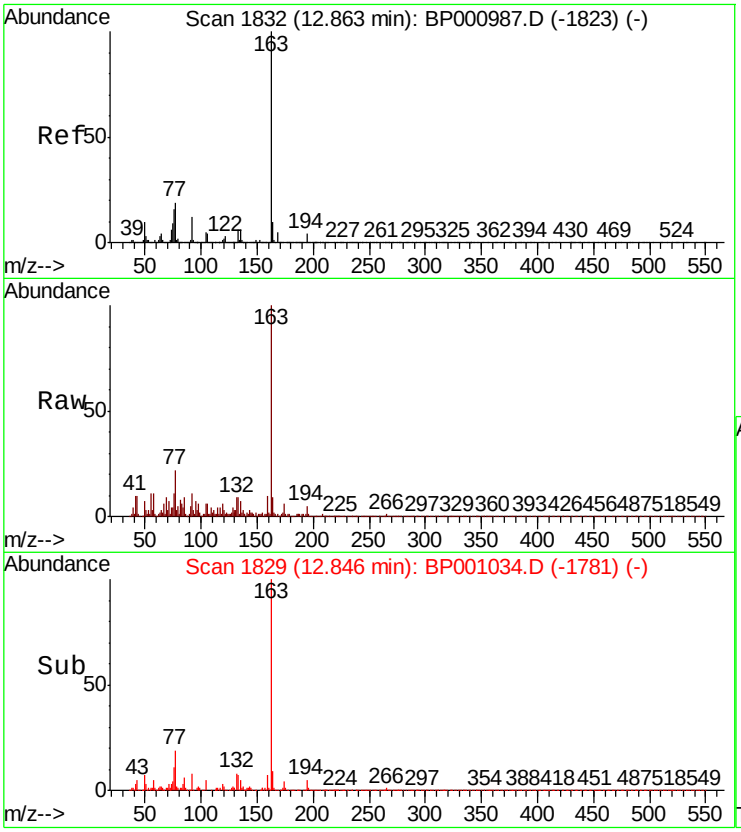


#49
Acenaphthylene
Concen: 3.864 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Tgt Ion:152 Resp: 142919

Ion	Ratio	Lower	Upper
152	100		
151	22.2	16.0	24.0
153	14.4	10.6	16.0



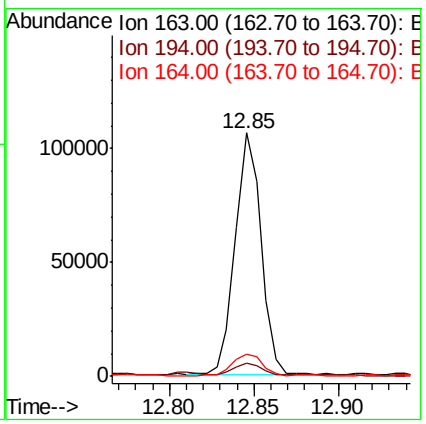


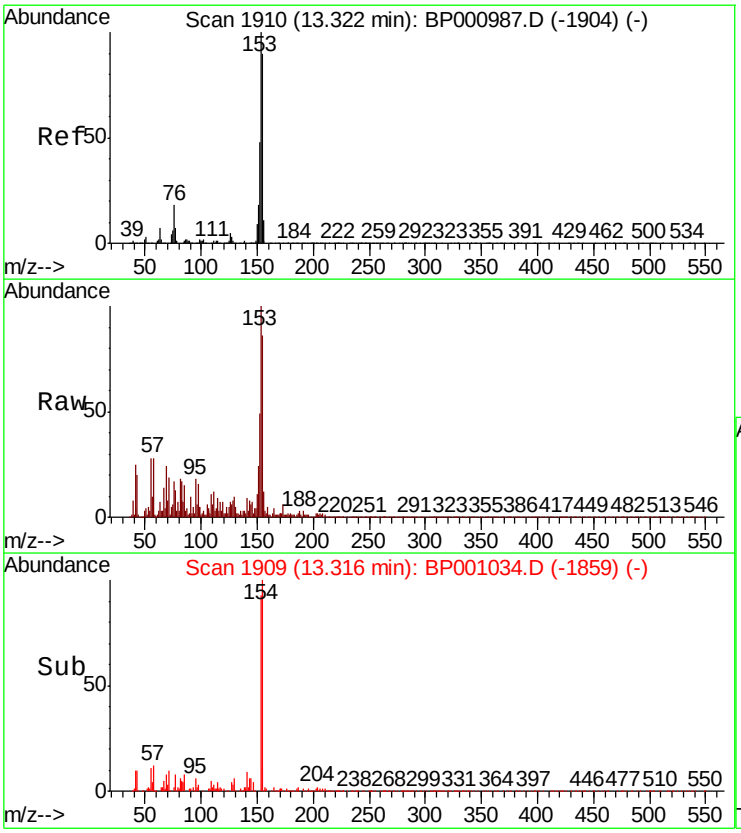
#50
Dimethylphthalate
Concen: 3.771 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 112723

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.4	5.2#
164	9.4	7.9	11.9

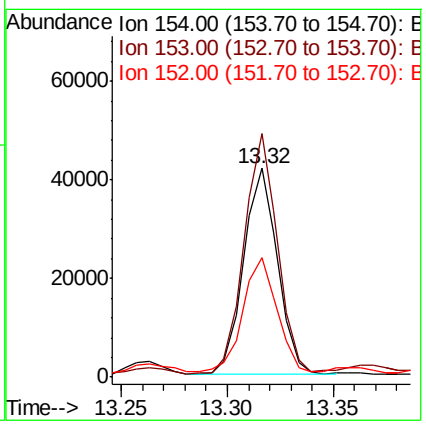


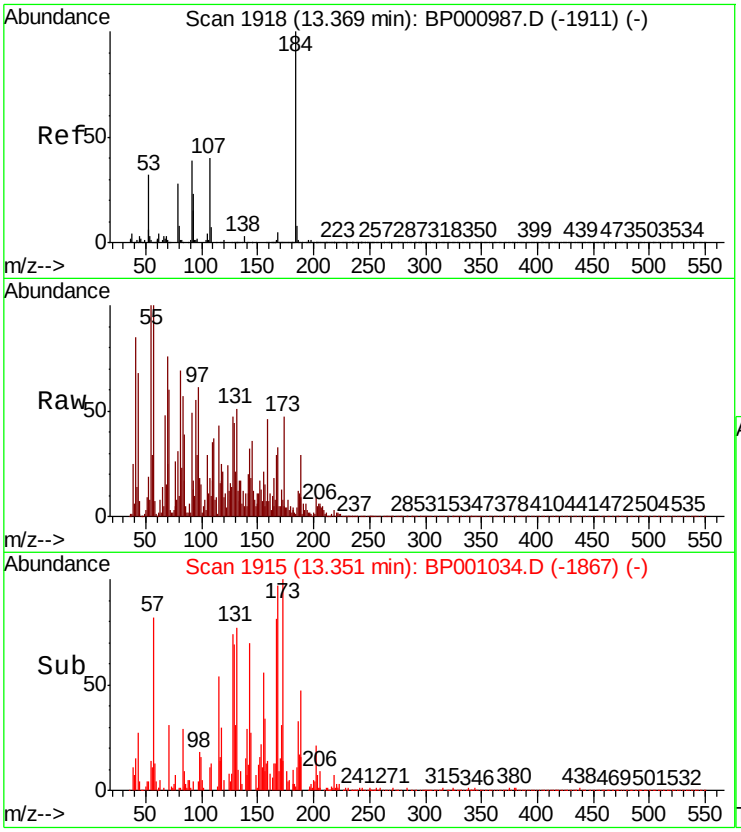


#52
Acenaphthene
Concen: 2.117 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Tgt Ion:154 Resp: 46830

Ion	Ratio	Lower	Upper
154	100		
153	116.8	88.9	133.3
152	57.5	42.4	63.6



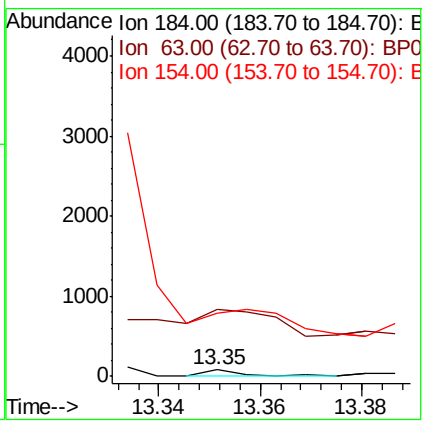


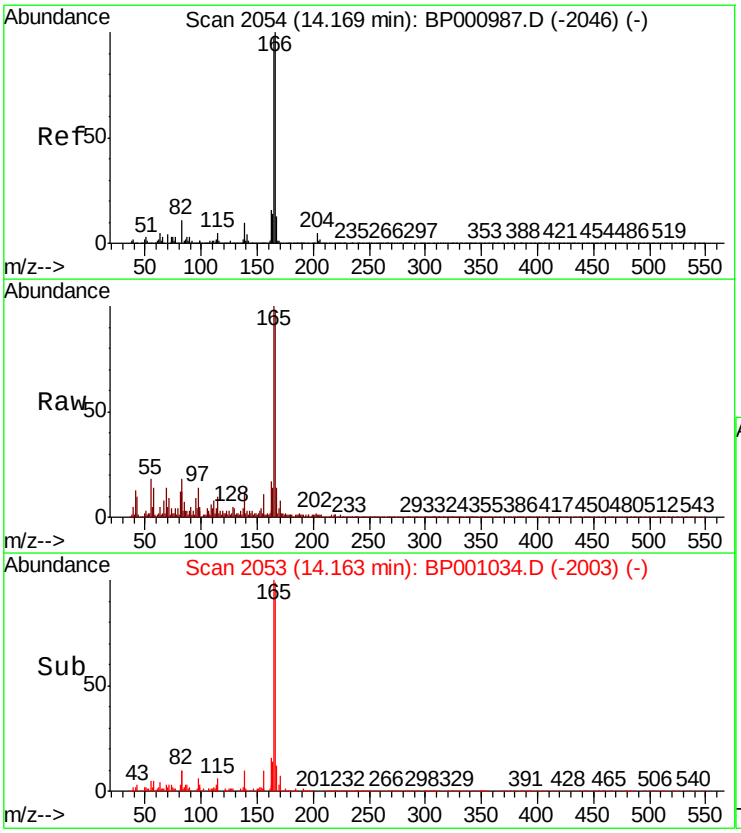
#54
2,4-Dinitrophenol
Concen: 8.333 ng
RT: 13.35 min Scan# 1915
Delta R.T. -0.02 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:184 Resp: 53

Ion	Ratio	Lower	Upper
184	100		
63	1018.3	41.0	61.6#
154	965.9	48.1	72.1#

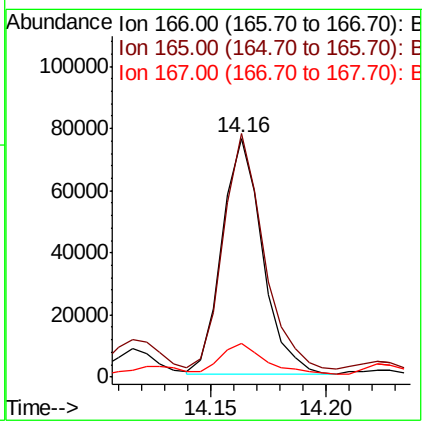


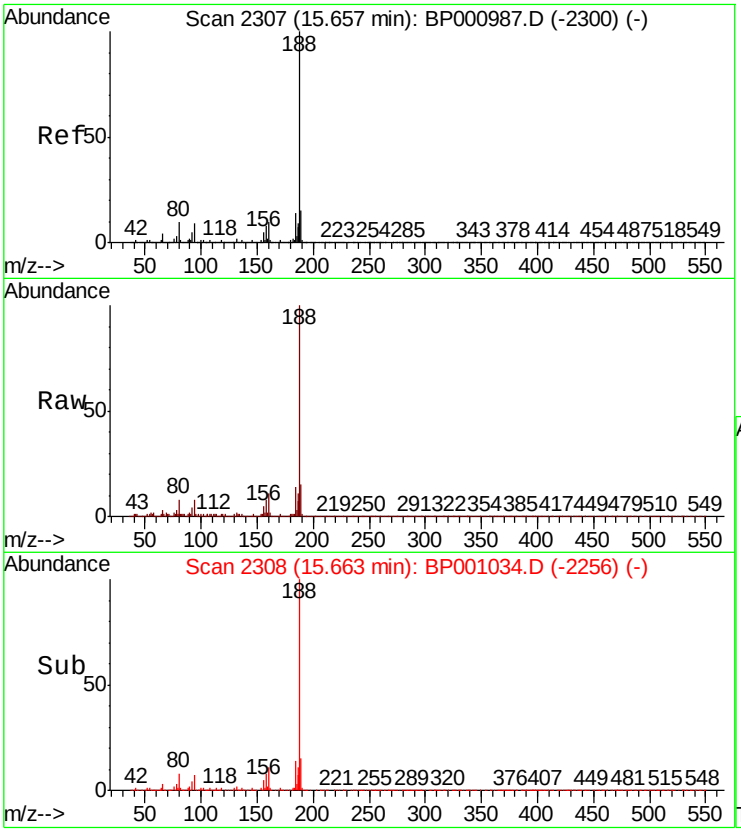


#58
Fluorene
Concen: 3.355 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Tgt Ion:166 Resp: 92283

Ion	Ratio	Lower	Upper
166	100		
165	101.9	78.2	117.2
167	13.8	10.7	16.1



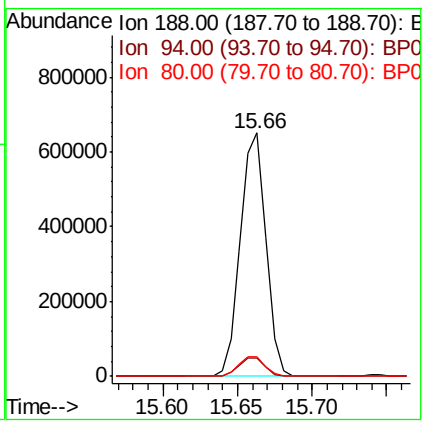


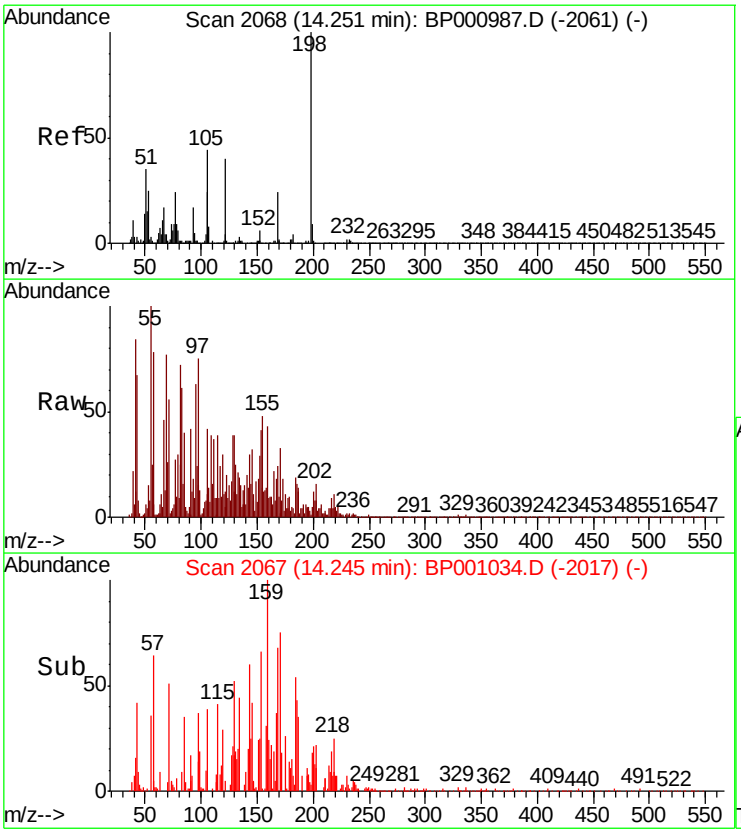
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 771666

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.4	11.2
80	8.0	7.9	11.9

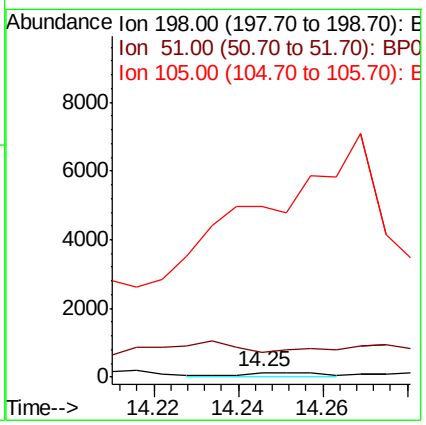


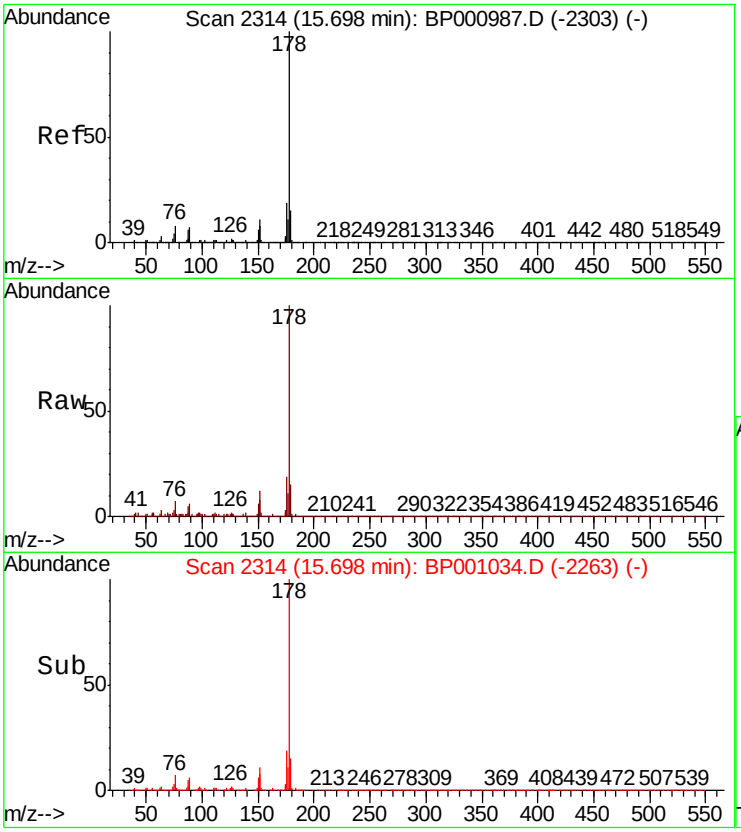


#65
4,6-Dinitro-2-methylphenol
Concen: 9.938 ng
RT: 14.25 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Tgt Ion:198 Resp: 173

Ion	Ratio	Lower	Upper
198	100		
51	526.8	16.0	56.0#
105	3593.5	24.9	64.9#



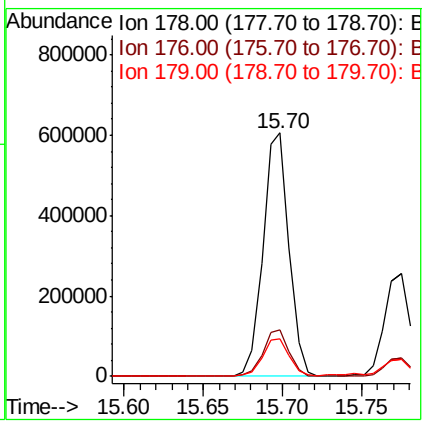


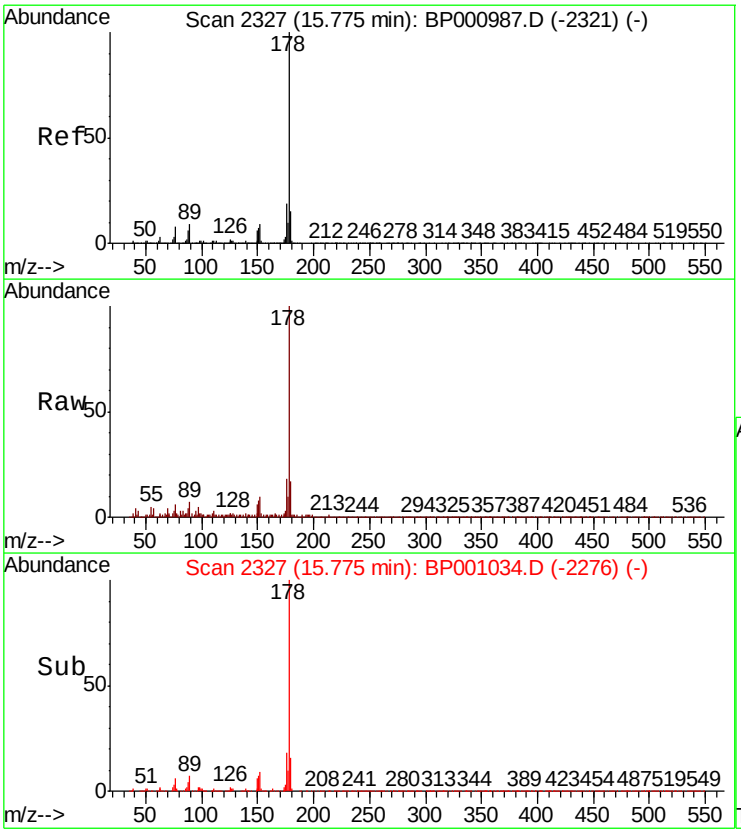
#71
Phenanthrene
Concen: 17.480 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 690379

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.5	12.3	18.5

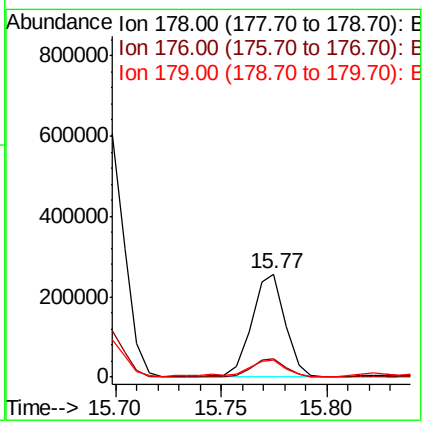


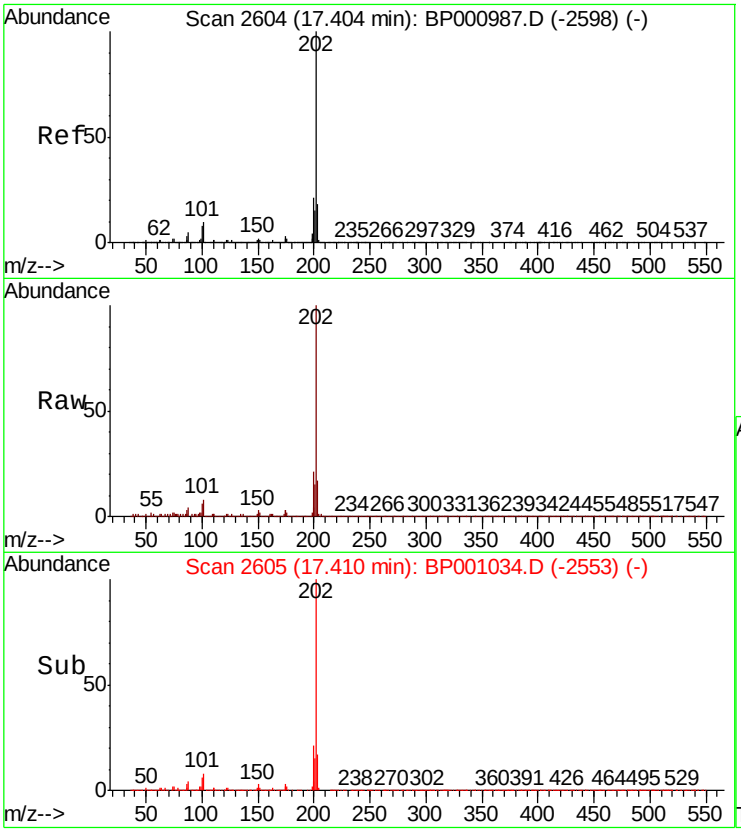


#72
Anthracene
Concen: 7.208 ng
RT: 15.77 min Scan# 2327
Delta R.T. -0.00 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Tgt Ion:178 Resp: 277705

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	16.8	12.3	18.5



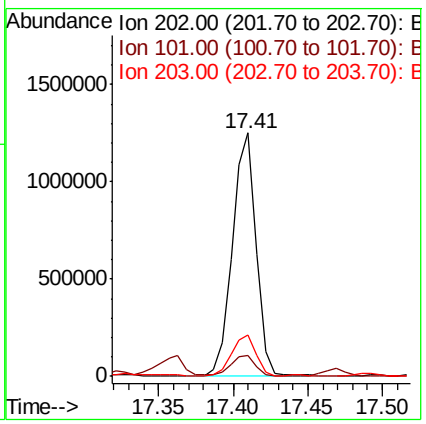


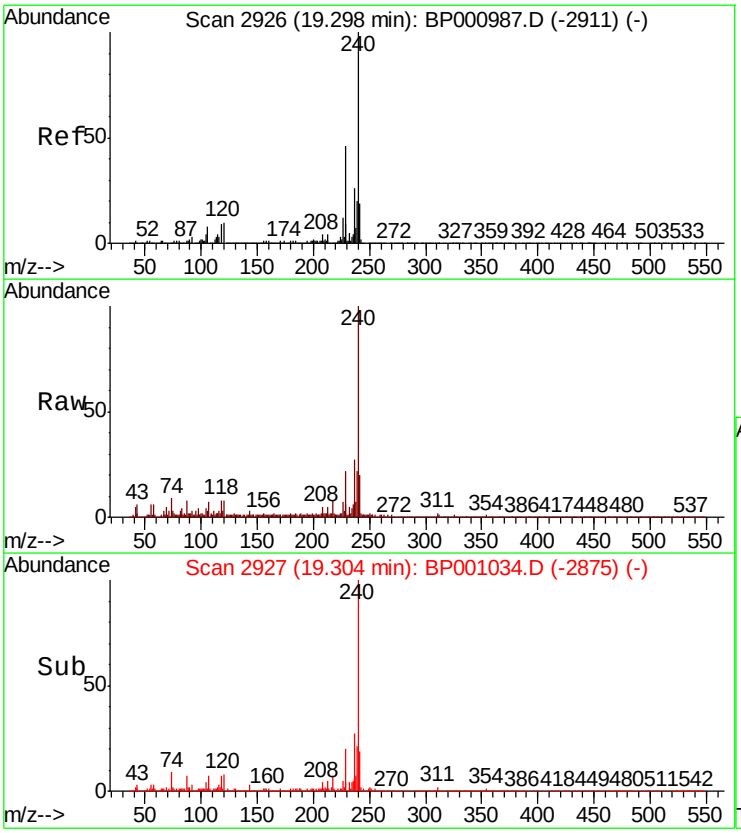
#75
Fluoranthene
Concen: 31.055 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.01 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 1386342

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	30.1
203	17.1	0.0	37.7

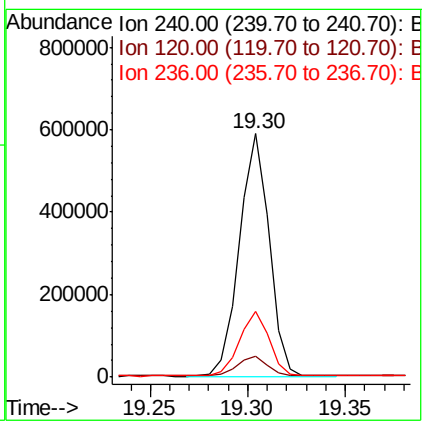


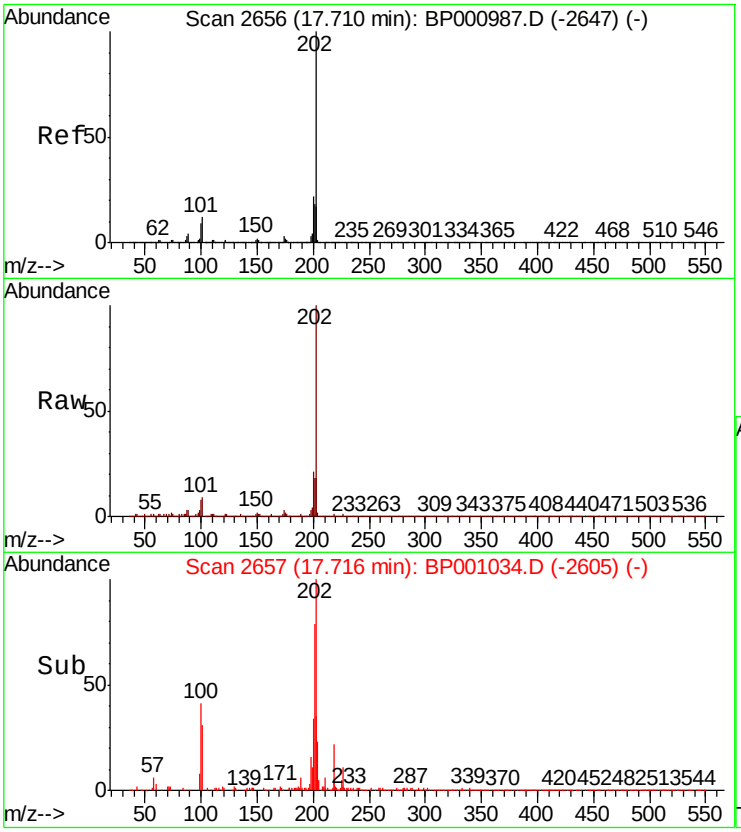


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.30 min Scan# 2927
Delta R.T. 0.01 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Tgt Ion:240 Resp: 621313

Ion	Ratio	Lower	Upper
240	100		
120	8.4	8.2	12.2
236	26.7	20.5	30.7



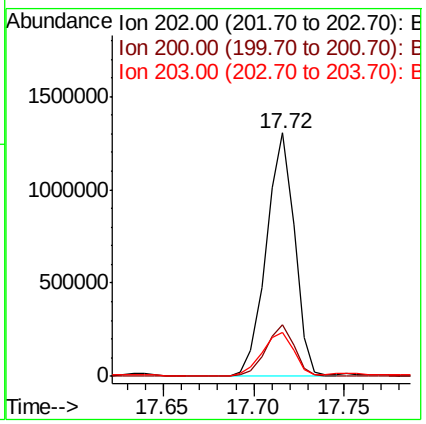


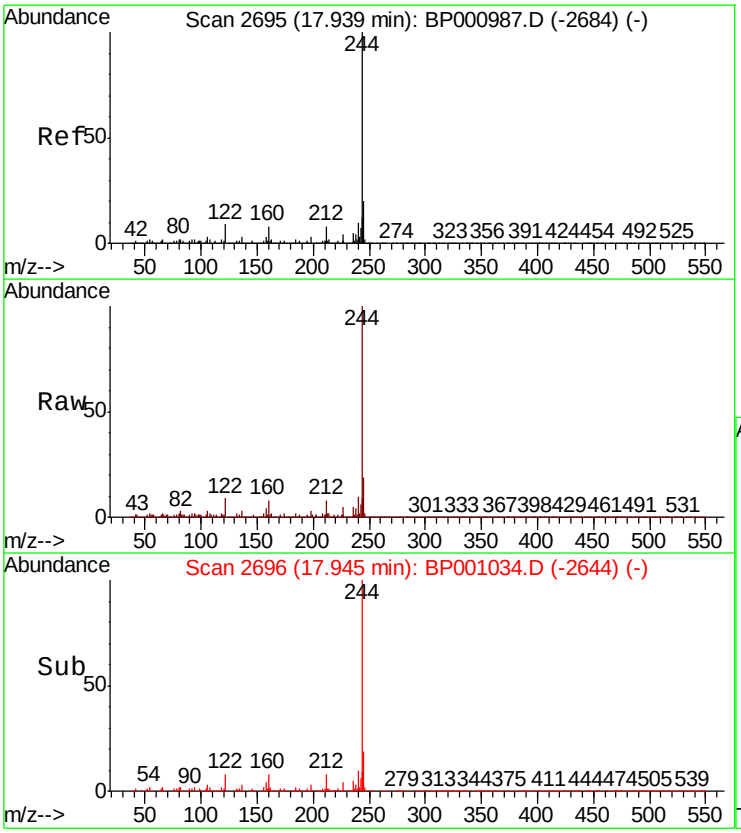
#78
Pyrene
Concen: 32.152 ng
RT: 17.72 min Scan# 2657
Delta R.T. 0.01 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 1411741

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.9	14.0	21.0

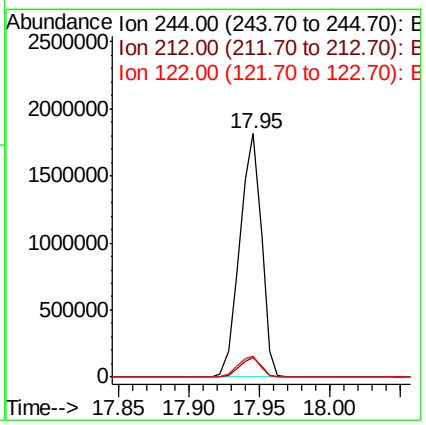


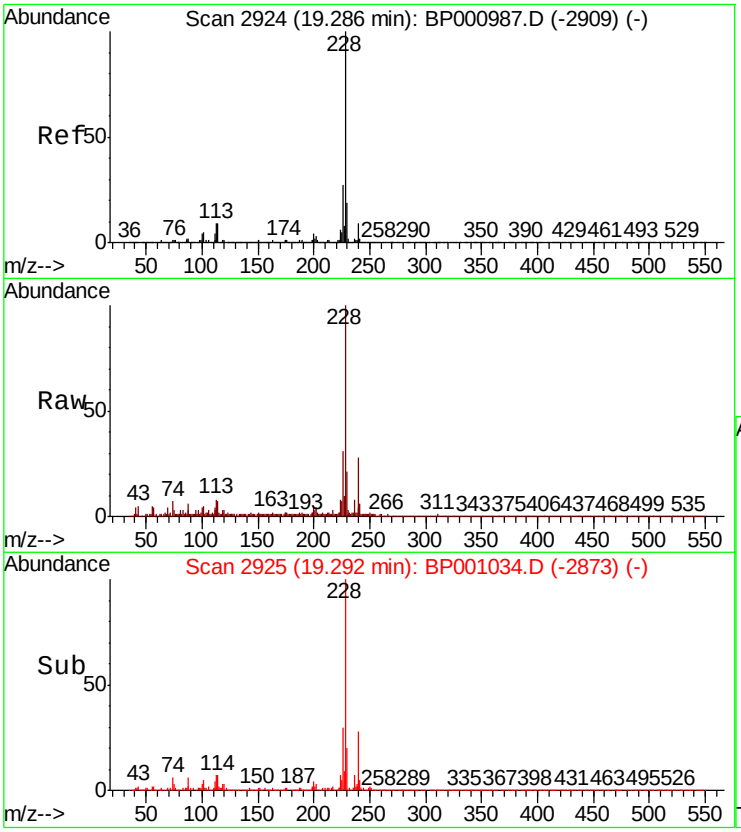


#79
Terphenyl-d14
Concen: 62.350 ng
RT: 17.95 min Scan# 2696
Delta R.T. 0.01 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Tgt Ion:244 Resp: 1947498

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	8.5	7.4	11.2



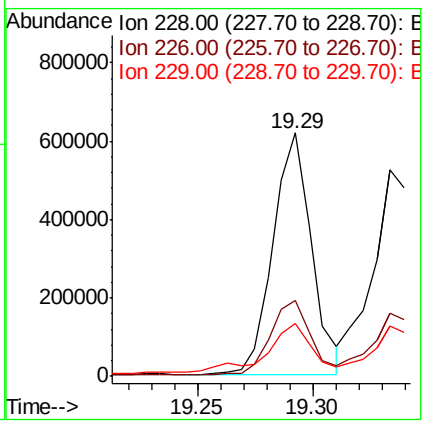


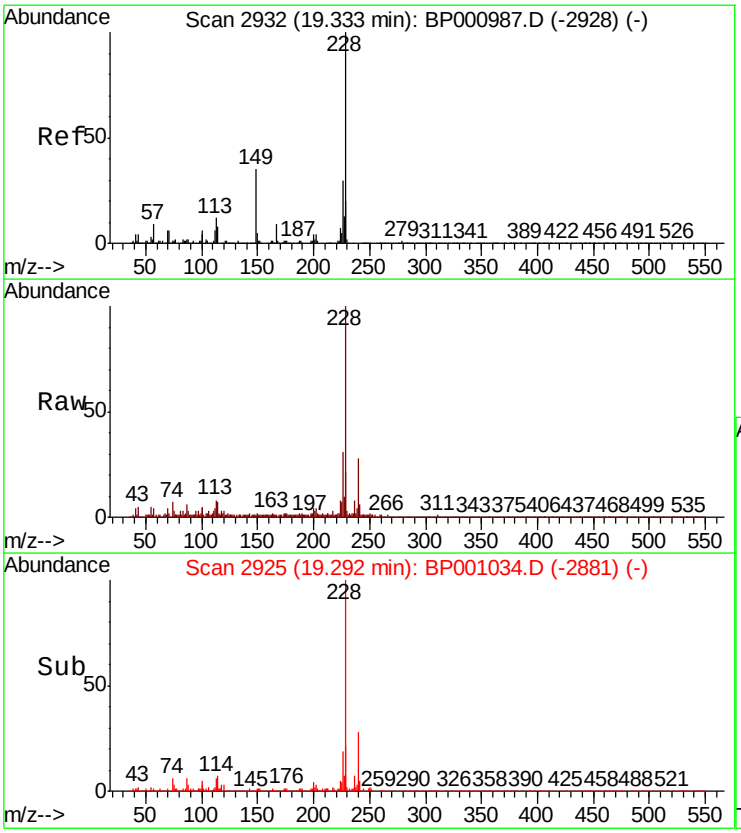
#81
Benzo(a)anthracene
Concen: 17.021 ng
RT: 19.29 min Scan# 2925
Delta R.T. 0.01 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 712247

Ion	Ratio	Lower	Upper
228	100		
226	31.2	21.8	32.8
229	21.5	15.6	23.4

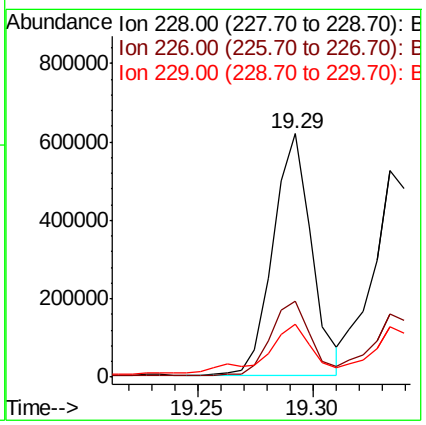


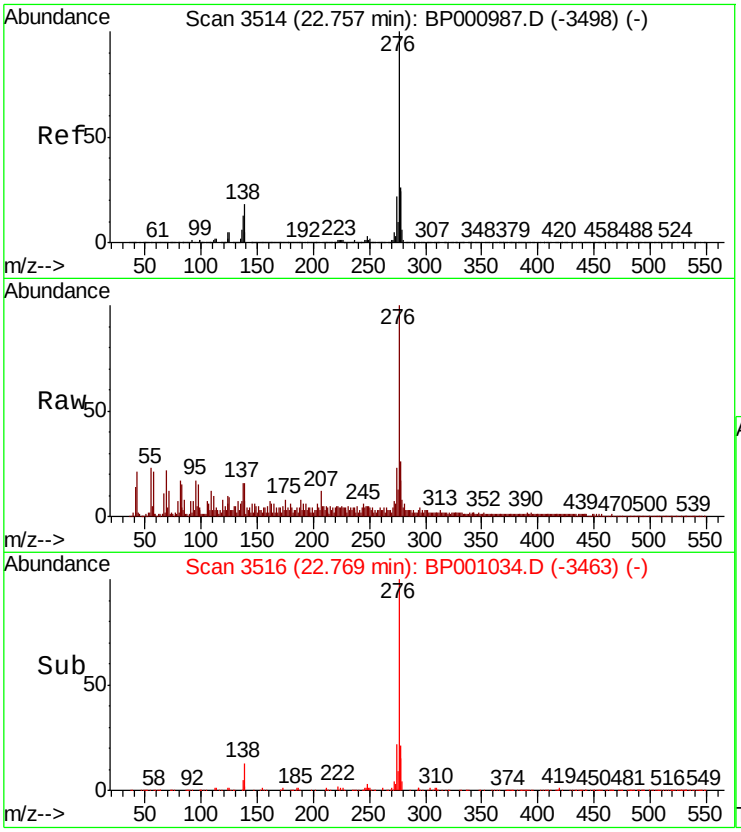


#83
Chrysene
Concen: 19.388 ng
RT: 19.29 min Scan# 2925
Delta R.T. -0.04 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Tgt Ion:228 Resp: 712247

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.2
229	21.5	15.8	23.6



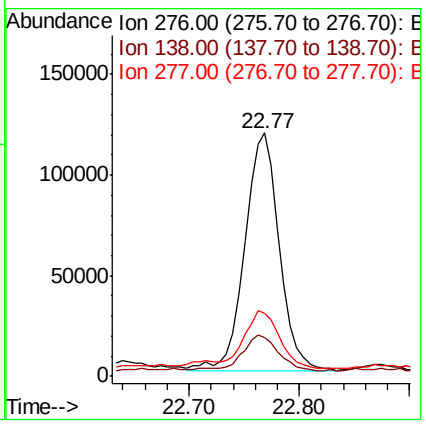


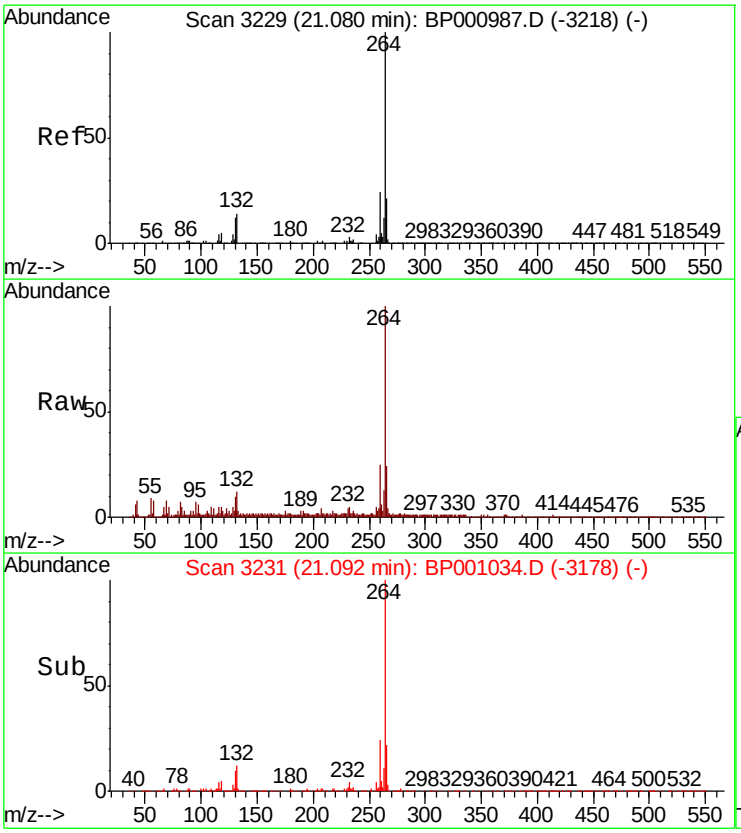
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.121 ng
RT: 22.77 min Scan# 3516
Delta R.T. 0.01 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 257400

Ion	Ratio	Lower	Upper
276	100		
138	16.1	17.6	26.4#
277	25.7	20.2	30.4

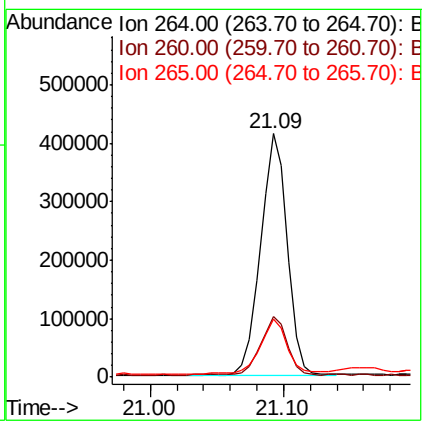


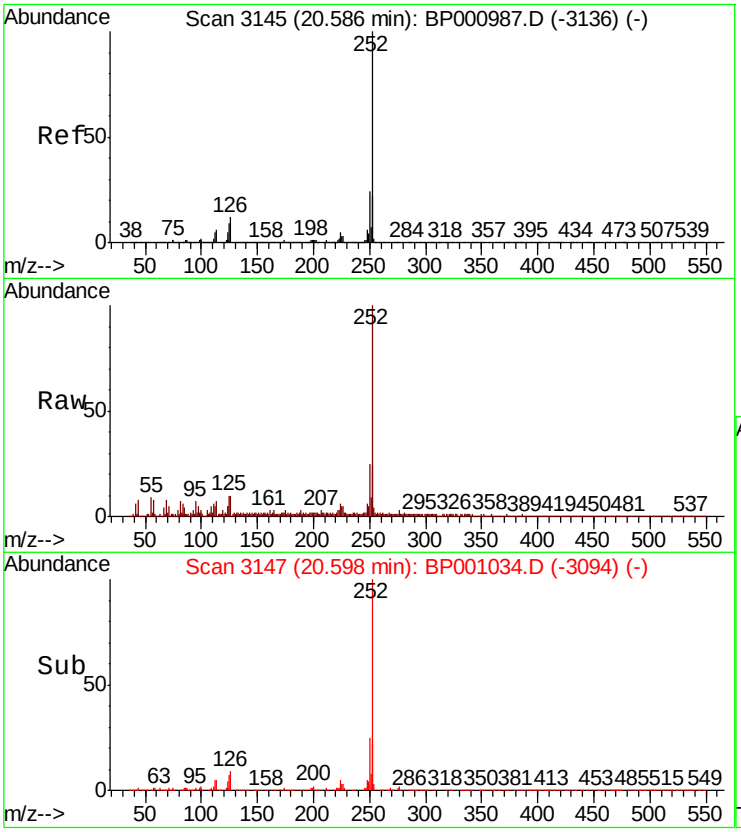


#87
Perylene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3231
Delta R.T. 0.01 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Tgt Ion:264 Resp: 571869

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.8	28.2
265	23.6	17.1	25.7



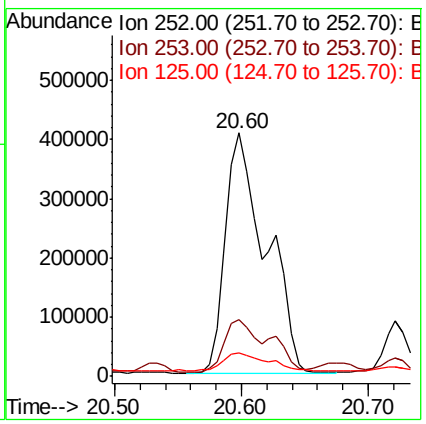


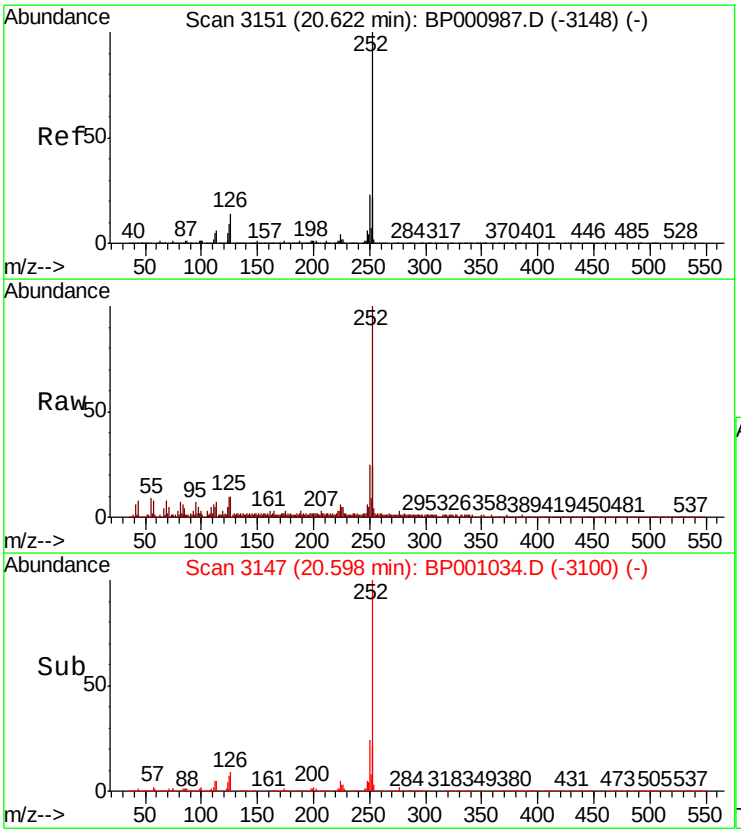
#88
Benzo(b)fluoranthene
Concen: 26.535 ng
RT: 20.60 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 904521

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	9.8	7.3	10.9

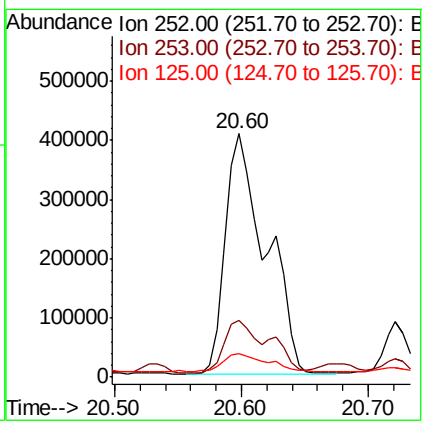


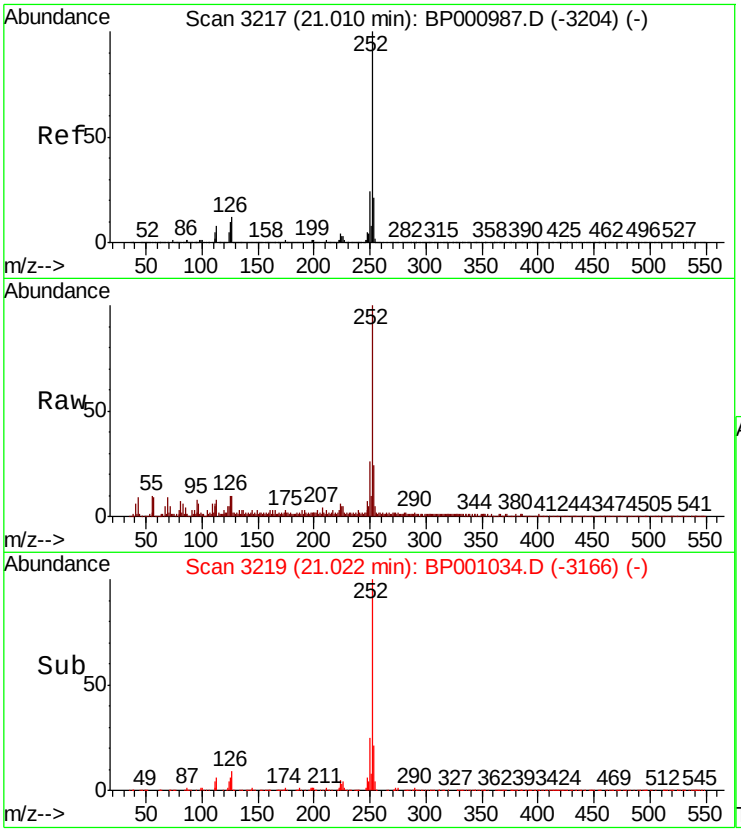


#89
Benzo(k)fluoranthene
Concen: 28.188 ng
RT: 20.60 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Tgt Ion:252 Resp: 904521

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	9.8	7.3	10.9



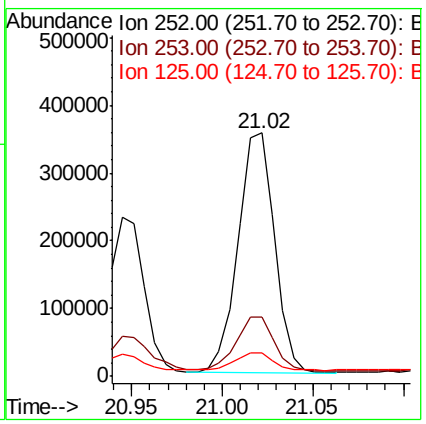


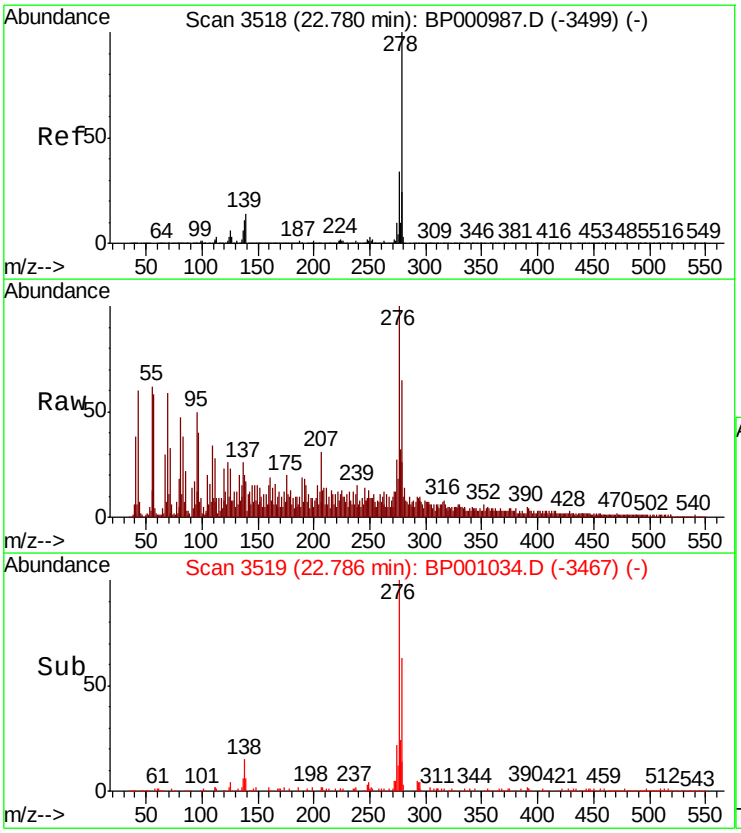
#90
Benzo(a)pyrene
Concen: 15.834 ng
RT: 21.02 min Scan# 3219
Delta R.T. 0.01 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 496332

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	9.7	7.6	11.4

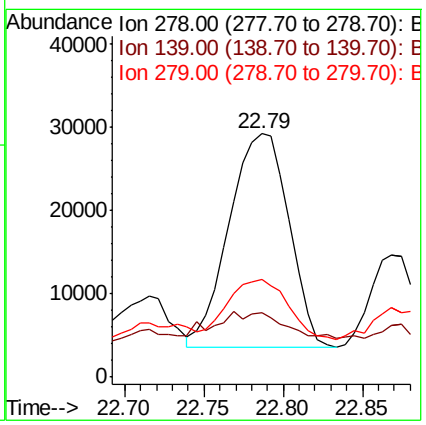


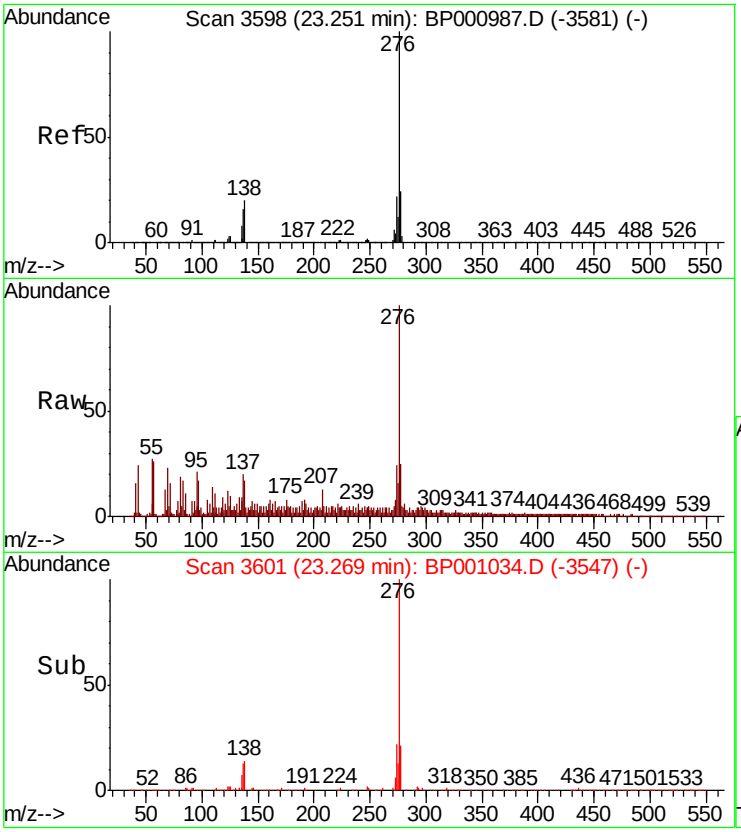


#91
Dibenzo(a,h)anthracene
Concen: 2.103 ng
RT: 22.79 min Scan# 3519
Delta R.T. 0.01 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Tgt Ion:278 Resp: 67270

Ion	Ratio	Lower	Upper
278	100		
139	26.6	11.3	16.9#
279	39.9	19.1	28.7#





#92
Benzo(g,h,i)perylene
Concen: 7.012 ng
RT: 23.27 min Scan# 3601
Delta R.T. 0.02 min
Lab File: BP001034.D
Acq: 12 Nov 2019 00:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 225887

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.0	28.4
138	16.7	15.7	23.5