Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001402.D
Acq On : 24 Dec 2019 23:04
Operator : JU
Sample : K6396-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Dec 25 00:59:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	49961	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	177053	20.00	ng		0.00
39) Acenaphthene-d10	13.18	164	92322	20.00	ng		0.00
64) Phenanthrene-d10	15.59	188	160009	20.00	ng		0.00
76) Chrysene-d12	19.23	240	115416	20.00	ng		0.00
87) Perylene-d12	21.00	264	127245	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	293666	95.00	ng		0.01
7) Phenol-d6	7.76	99	402085	99.68	ng		0.00
23) Nitrobenzene-d5	9.17	82	274829	59.61	ng		0.00
42) 2,4,6-Tribromophenol	14.48	330	100964	87.47	ng		0.00
45) 2-Fluorobiphenyl	12.10	172	470004	64.37	ng		0.00
79) Terphenyl-d14	17.87	244	445596	66.13	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.77	94	13973	3.032	ng		86
19) n-Nitroso-di-n-propylamine	9.17	70	41445	14.473	ng	#	77
20) 3+4-Methylphenols	8.99	107	14193	3.895	ng	#	45
31) Naphthalene	10.35	128	28501	2.949	ng		98
32) Benzoic acid	9.99	122	138	5.087	ng	#	26
38) 1-Methylnaphthalene	11.49	142	13007	2.074	ng		94
50) Dimethylphthalate	12.77	163	59437	7.847	ng		98
52) Acenaphthene	13.23	154	21521	3.912	ng		95
55) Dibenzofuran	13.52	168	23228	2.695	ng		96
58) Fluorene	14.08	166	29679	4.305	ng		97
71) Phenanthrene	15.62	178	385410	42.218	ng		99
72) Anthracene	15.70	178	75960	8.405	ng		97
73) Carbazole	15.95	167	28285	3.511	ng	#	94
75) Fluoranthene	17.35	202	464797	45.534	ng		99
78) Pyrene	17.65	202	404169	45.101	ng		99
81) Benzo(a)anthracene	19.22	228	179233	21.311	ng		97
83) Chrysene	19.27	228	165568	20.396	ng		98
84) Bis(2-ethylhexyl)phthalate	19.27	149	33268	5.427	ng	#	94
86) Indeno(1,2,3-cd)pyrene	22.63	276	92593	10.561	ng		99
88) Benzo(b)fluoranthene	20.52	252	252951	30.270	ng	#	94
89) Benzo(k)fluoranthene	20.52	252	252951	31.776	ng	#	93
90) Benzo(a)pyrene	20.93	252	138210	18.155	ng	#	94
91) Dibenzo(a,h)anthracene	22.65	278	23612	3.172	ng	#	78
92) Benzo(g,h,i)perylene	23.12	276	86300	12.134	ng	#	95

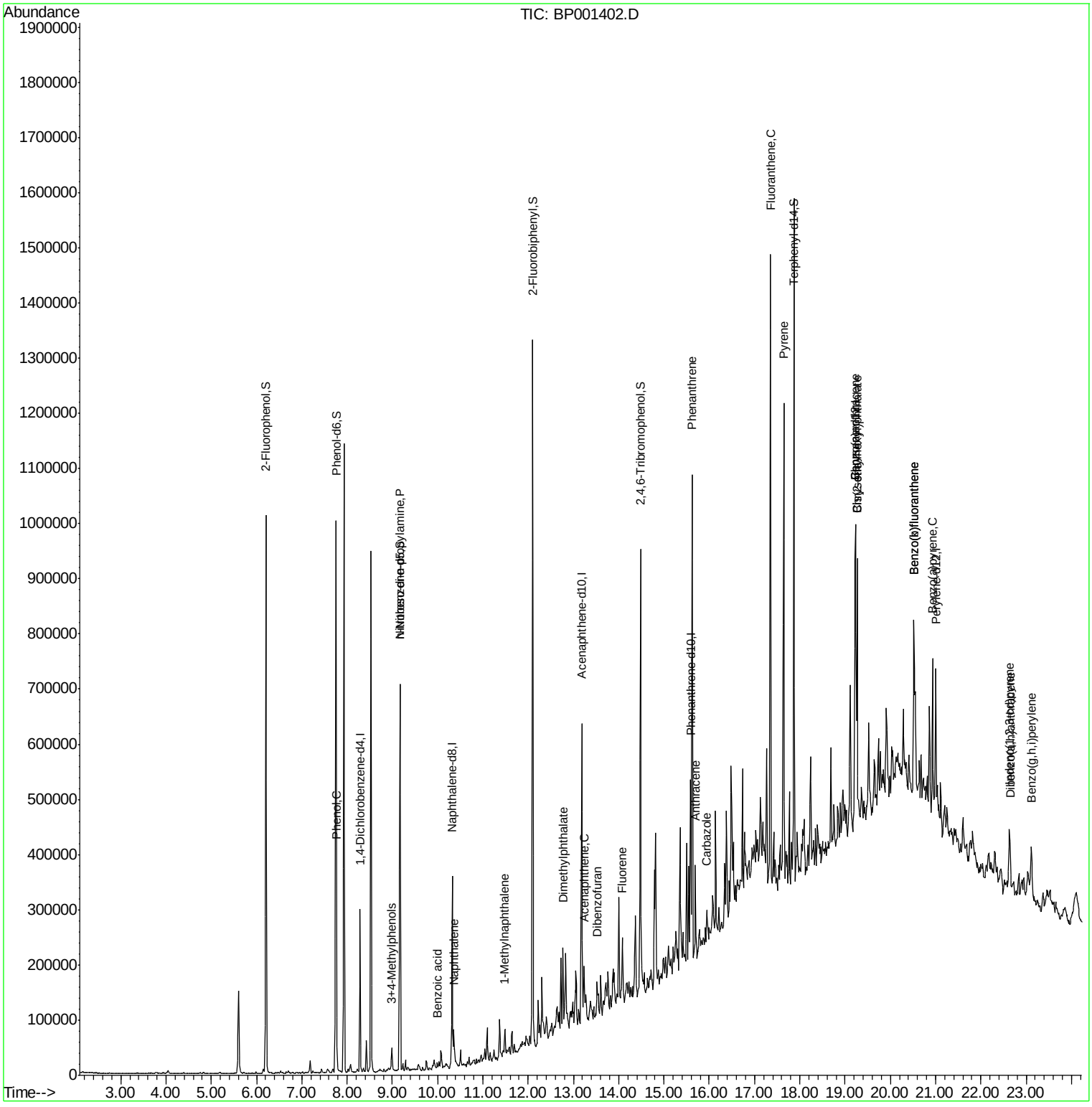
(#) = qualifier out of range (m) = manual integration (+) = signals summed

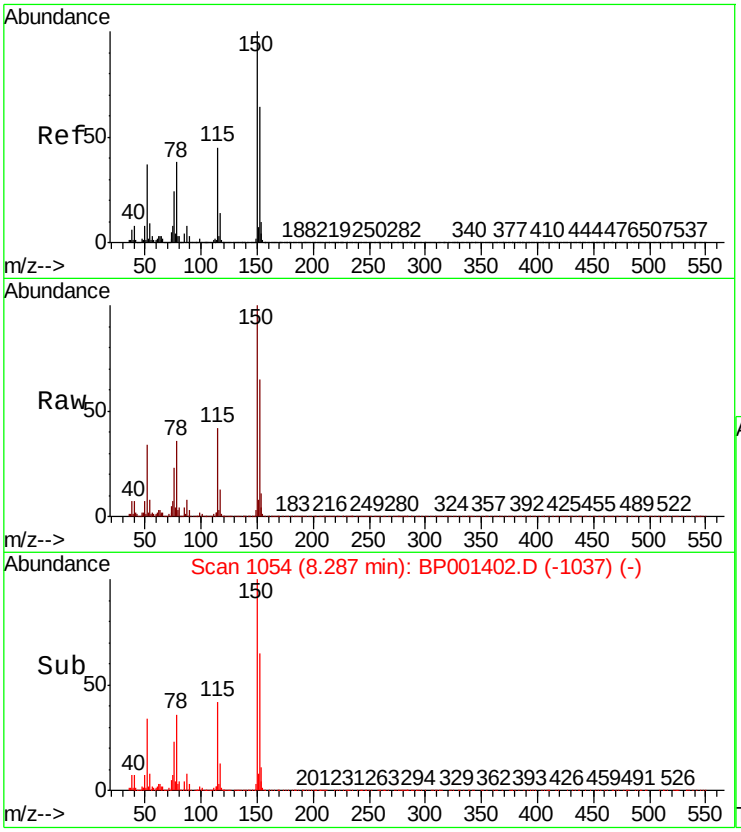
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001402.D
Acq On : 24 Dec 2019 23:04
Operator : JU
Sample : K6396-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 25 00:59:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration



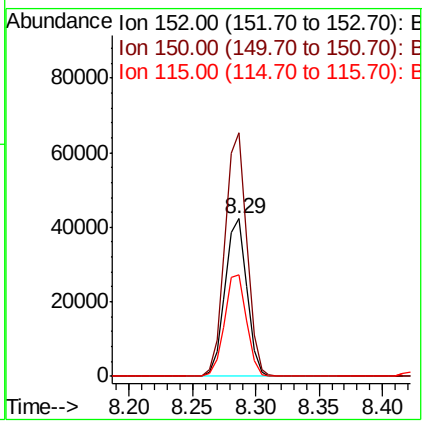


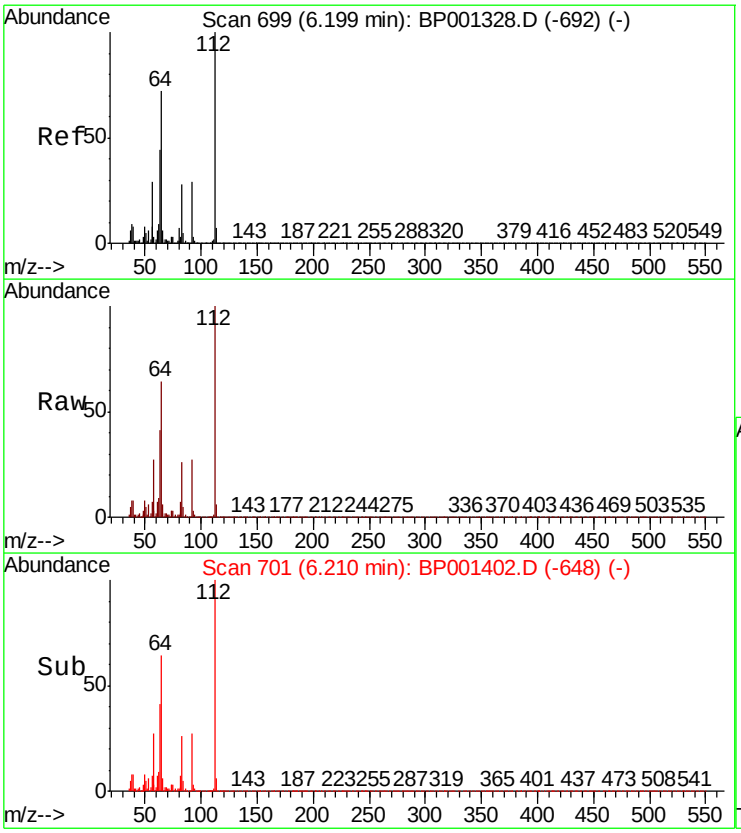
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 49961

Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.0	190.6
115	64.3	56.1	84.1

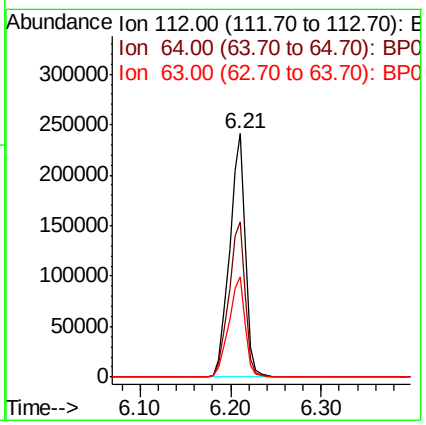


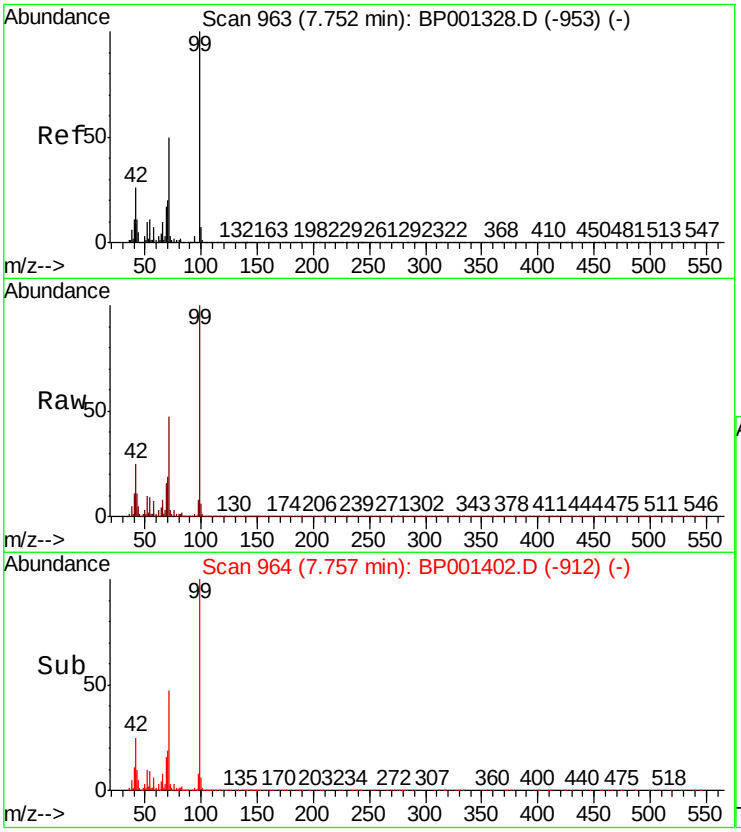


#5
2-Fluorophenol
Concen: 94.998 ng
RT: 6.21 min Scan# 701
Delta R.T. 0.01 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Tgt Ion:112 Resp: 293666

Ion	Ratio	Lower	Upper
112	100		
64	64.0	53.9	80.9
63	41.0	33.4	50.0



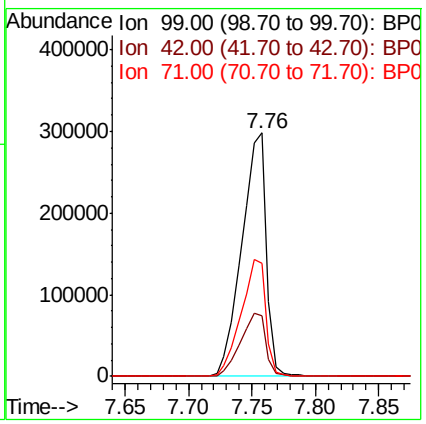


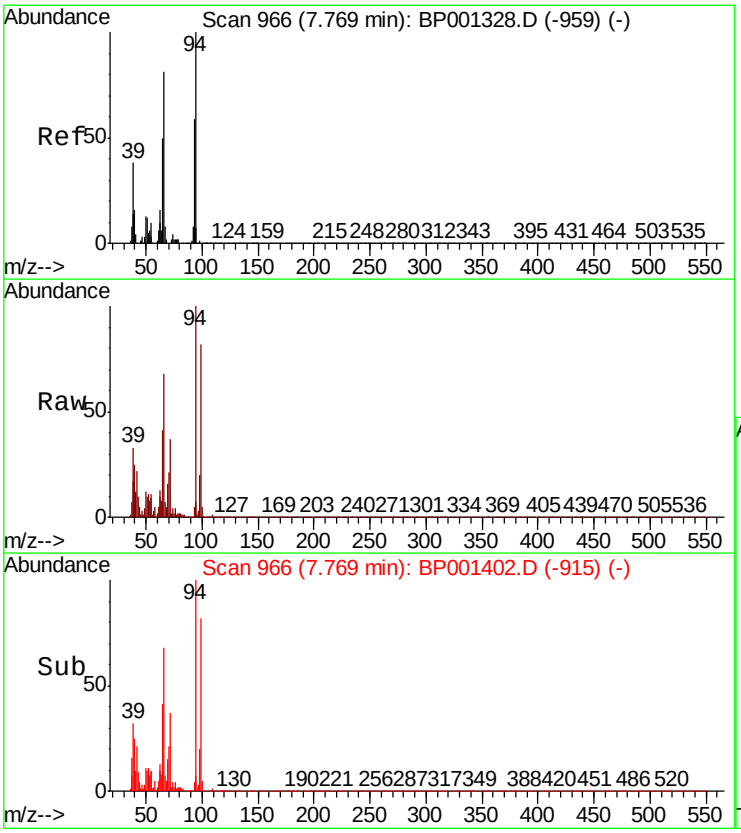
#7
Phenol-d6
Concen: 99.681 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 402085

Ion	Ratio	Lower	Upper
99	100		
42	24.8	20.8	31.2
71	46.6	38.2	57.4

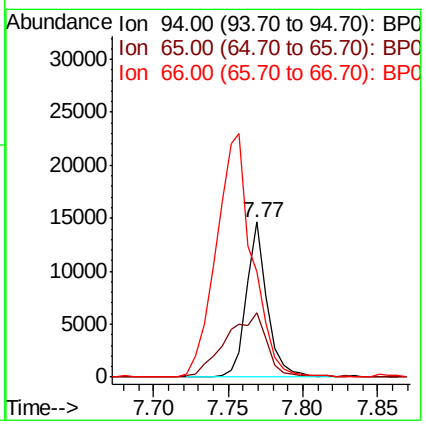


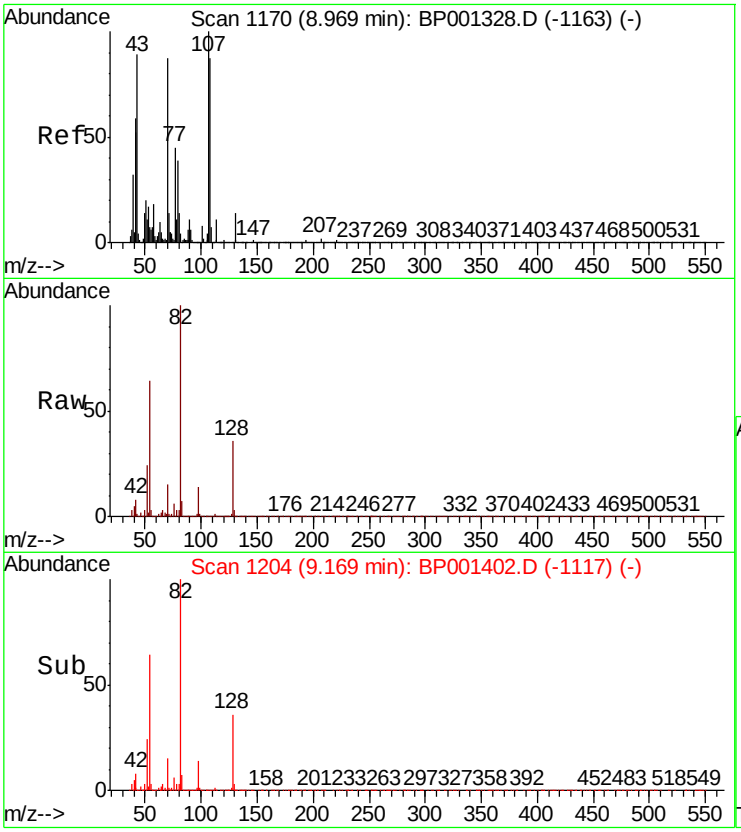


#10
Phenol
Concen: 3.032 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Tgt Ion: 94 Resp: 13973

Ion	Ratio	Lower	Upper
94	100		
65	41.5	29.6	69.6
66	68.2	62.3	102.3



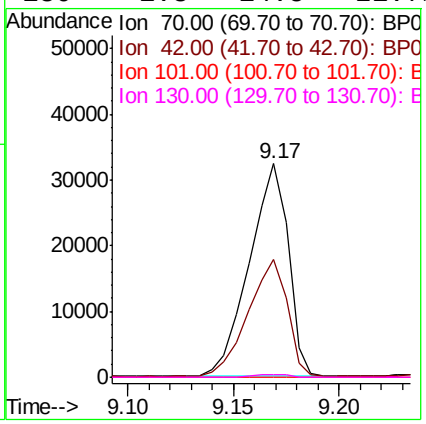


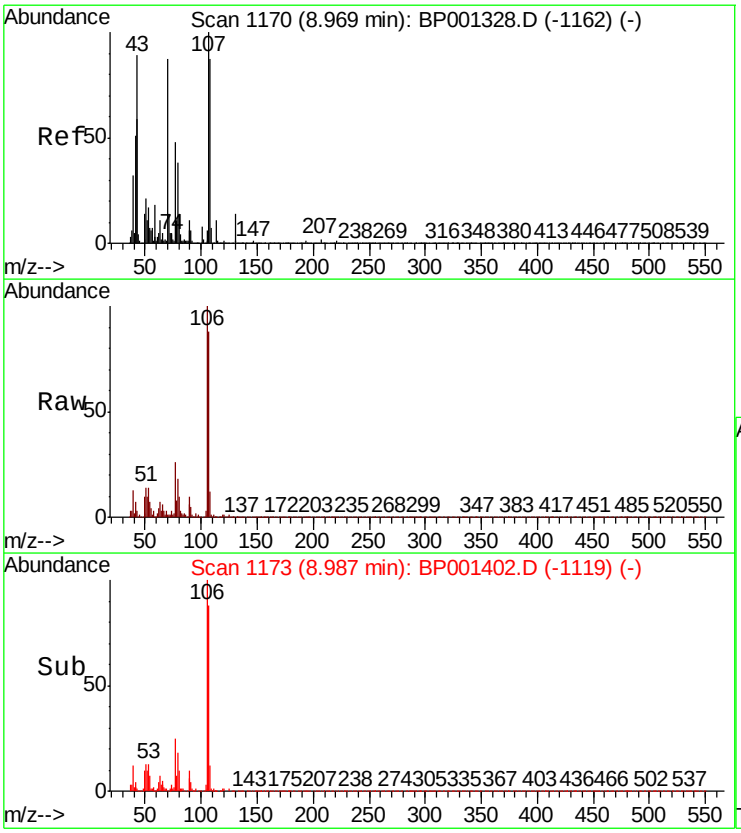
#19
n-Nitroso-di-n-propylamine
Concen: 14.473 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.21 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 41445

Ion	Ratio	Lower	Upper
70	100		
42	55.2	55.8	83.8#
101	0.0	8.2	12.2#
130	1.3	14.5	21.7#

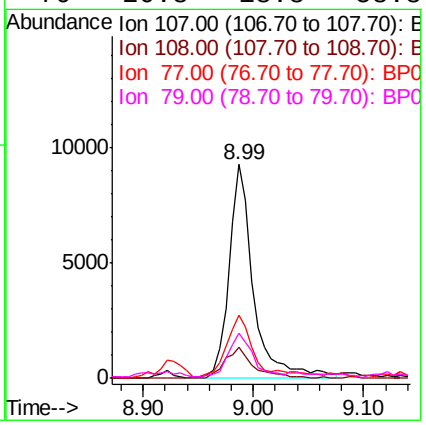


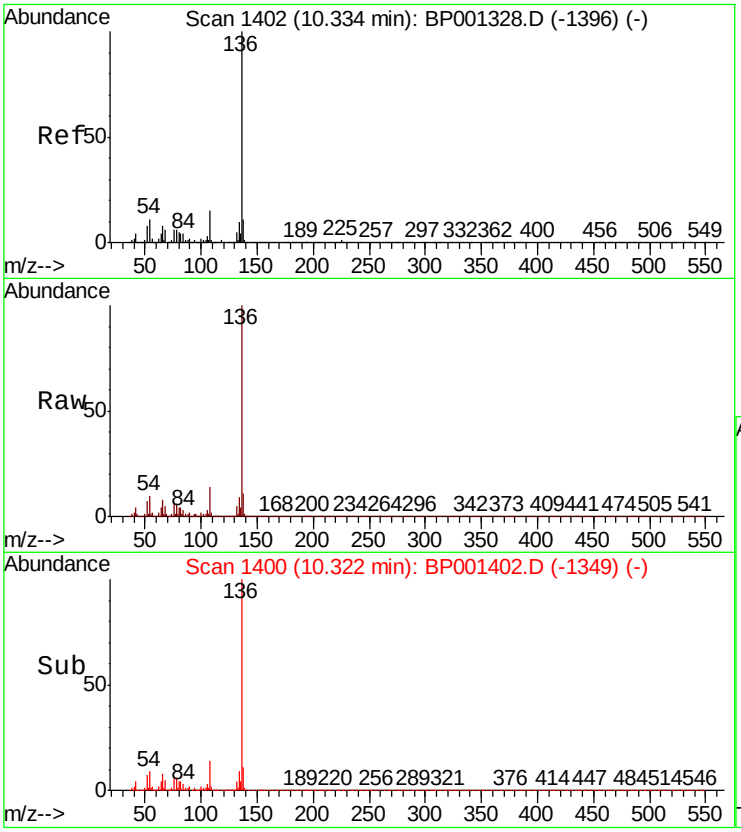


#20
3+4-Methylphenols
Concen: 3.895 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Tgt Ion:107 Resp: 14193

Ion	Ratio	Lower	Upper
107	100		
108	14.2	70.4	110.4#
77	29.3	24.5	64.5
79	20.8	18.8	58.8



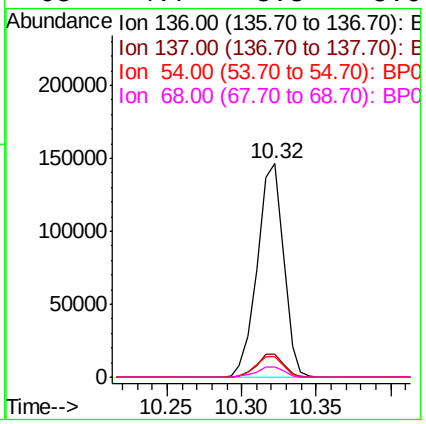


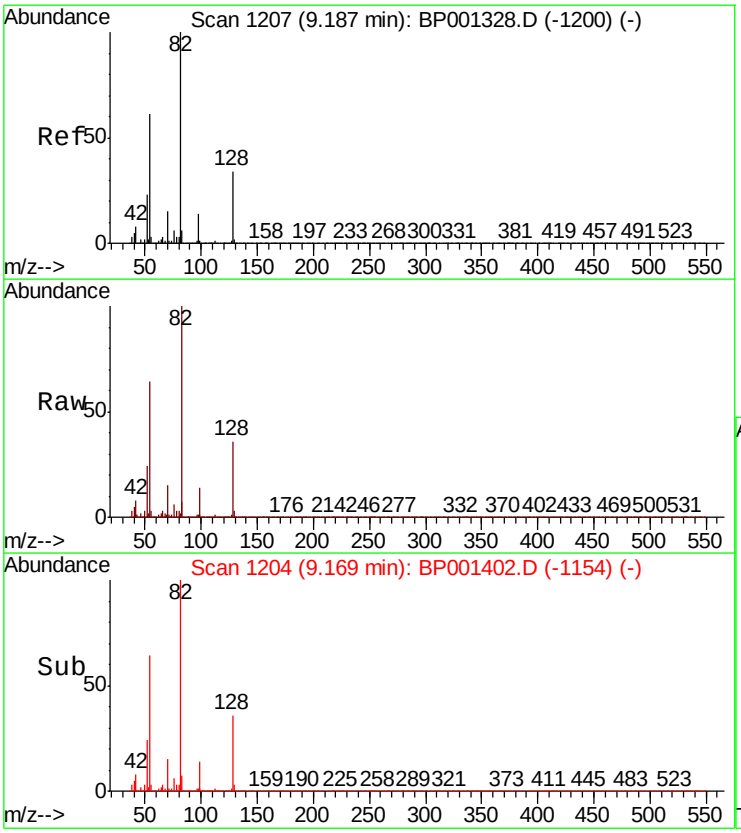
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 177053

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.5	7.3	10.9
68	4.7	3.8	5.6

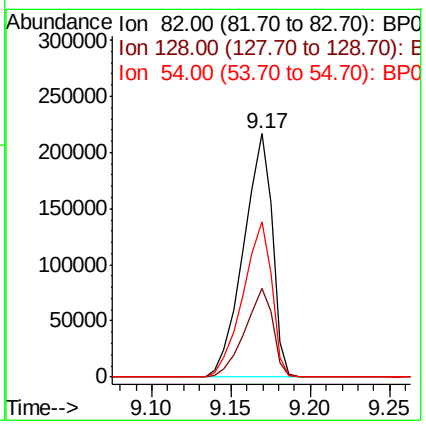


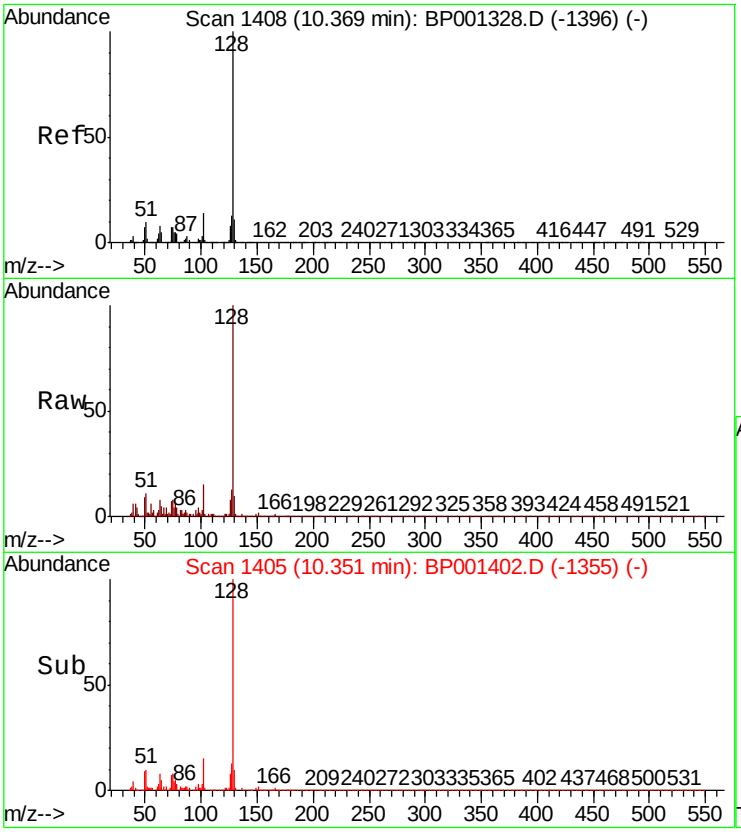


#23
Nitrobenzene-d5
Concen: 59.608 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Tgt Ion: 82 Resp: 274829

Ion	Ratio	Lower	Upper
82	100		
128	36.3	27.4	41.0
54	64.0	47.5	71.3



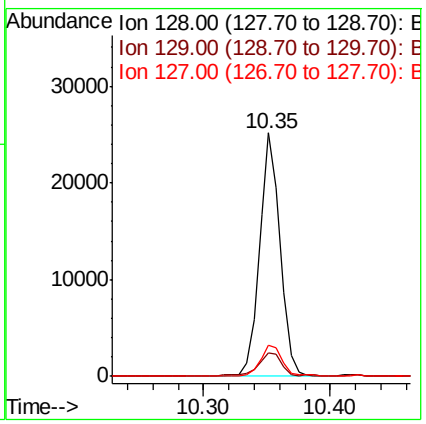


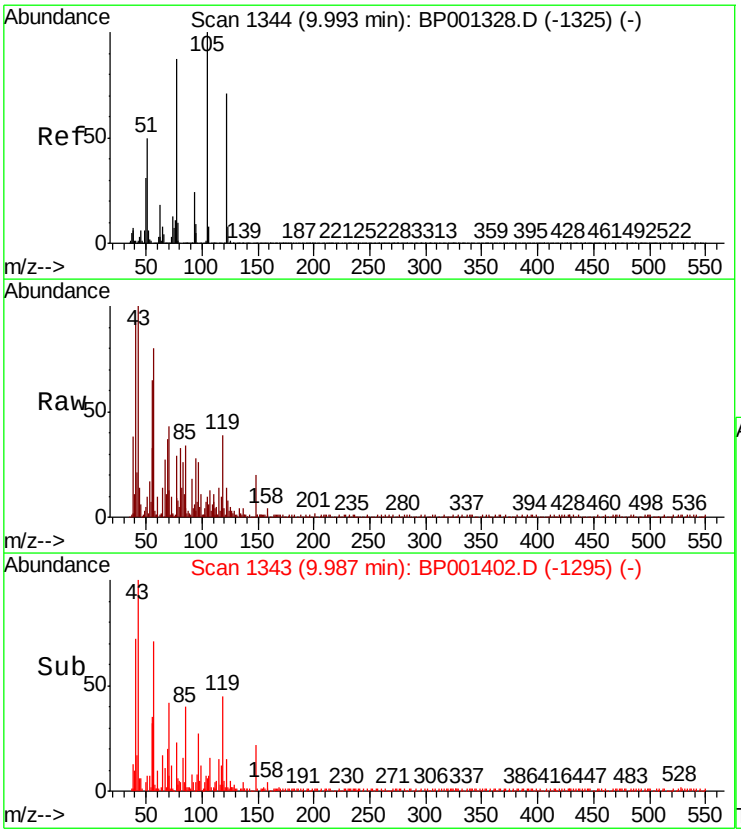
#31
Naphthalene
Concen: 2.949 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:128 Resp: 28501

Ion	Ratio	Lower	Upper
128	100		
129	9.8	8.6	12.8
127	12.9	11.0	16.6

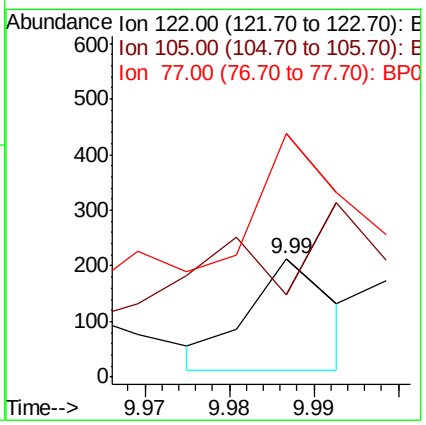


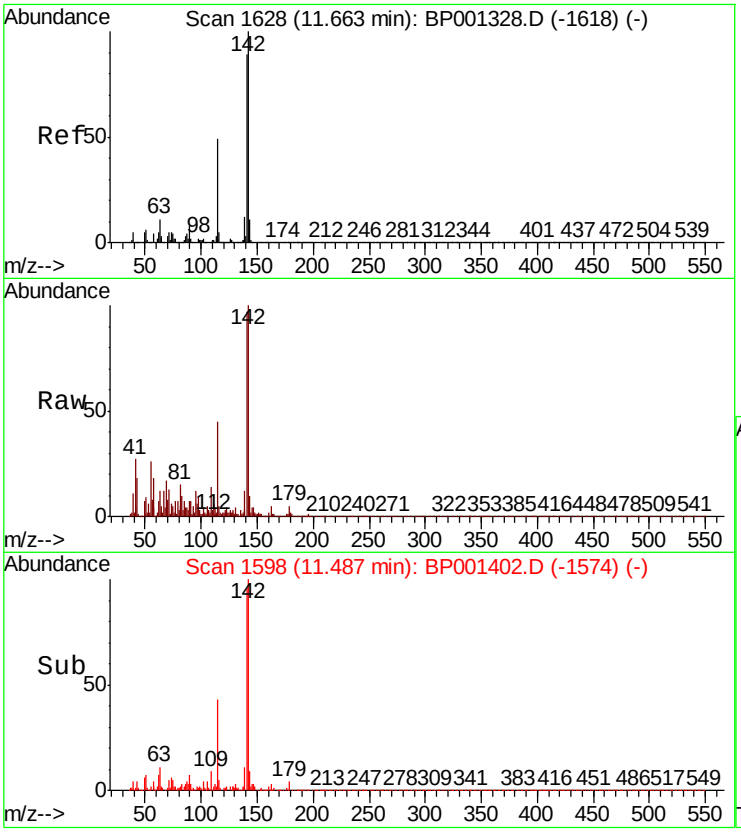


#32
Benzoic acid
Concen: 5.087 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Tgt Ion:122 Resp: 138

Ion	Ratio	Lower	Upper
122	100		
105	69.5	117.8	157.8#
77	205.6	85.6	125.6#



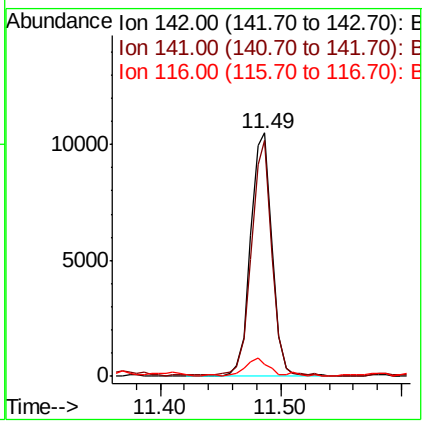


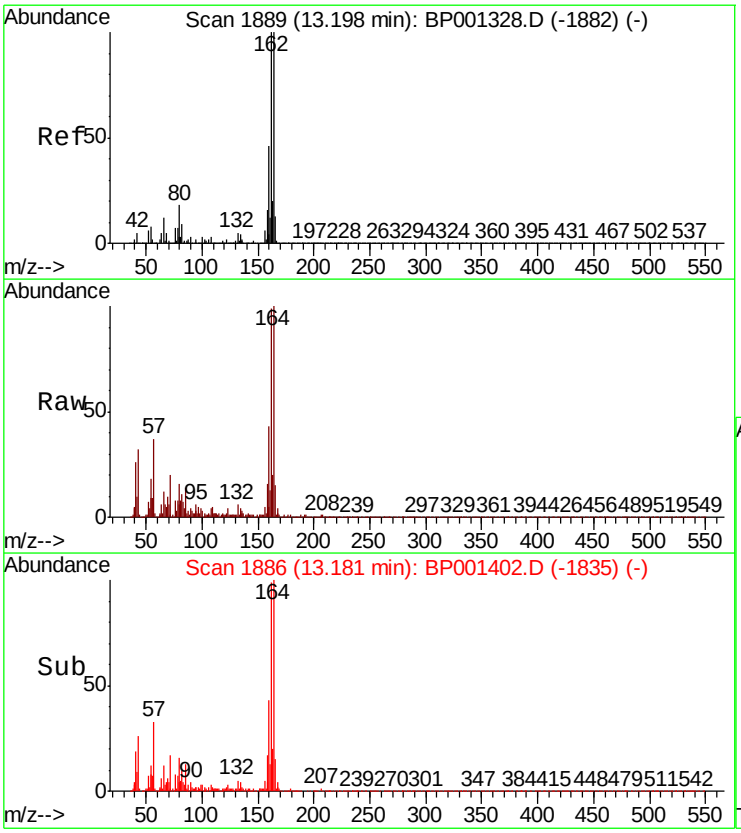
#38
1-Methylnaphthalene
Concen: 2.074 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.16 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:142 Resp: 13007

Ion	Ratio	Lower	Upper
142	100		
141	97.1	72.9	109.3
116	5.1	3.8	5.8

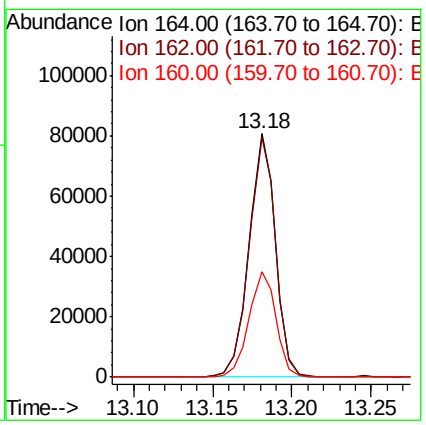


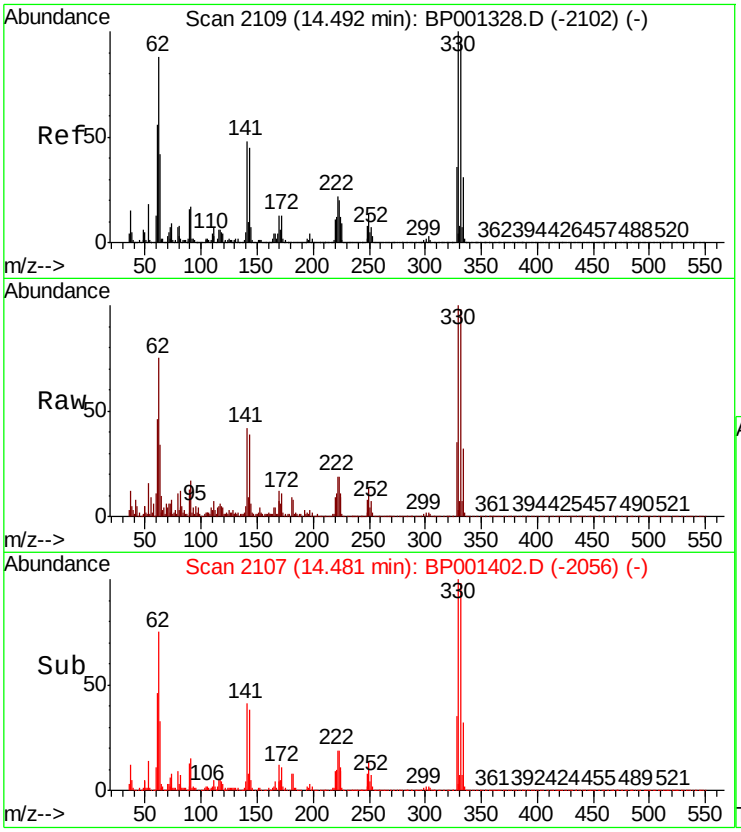


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.18 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Tgt Ion:164 Resp: 92322

Ion	Ratio	Lower	Upper
164	100		
162	98.6	78.2	117.4
160	43.2	35.1	52.7



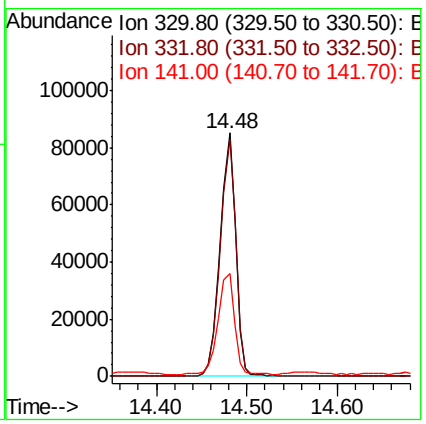


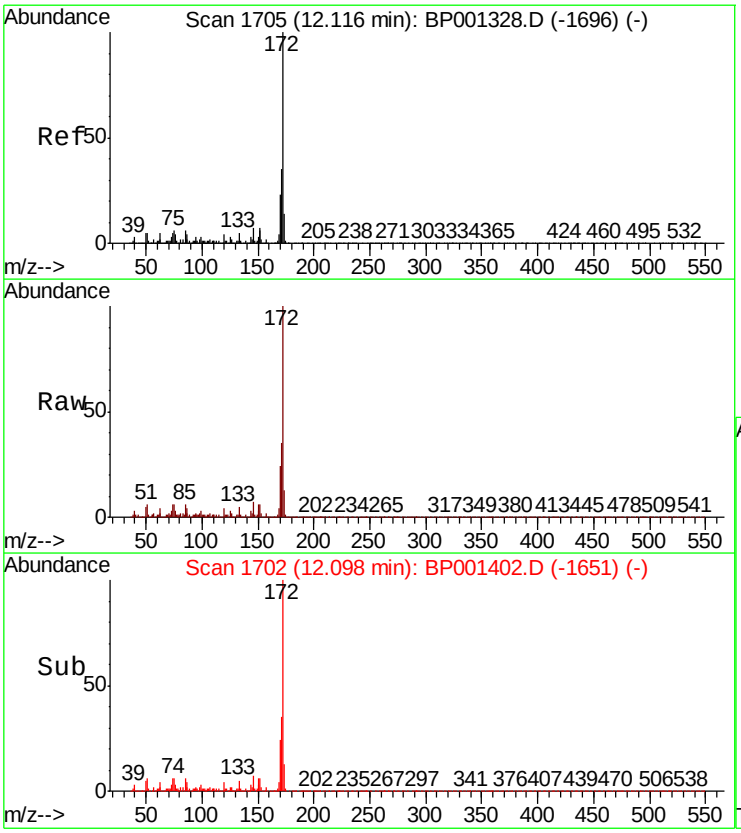
#42
2,4,6-Tribromophenol
Concen: 87.473 ng
RT: 14.48 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 100964

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.3	117.5
141	44.2	26.8	40.2#

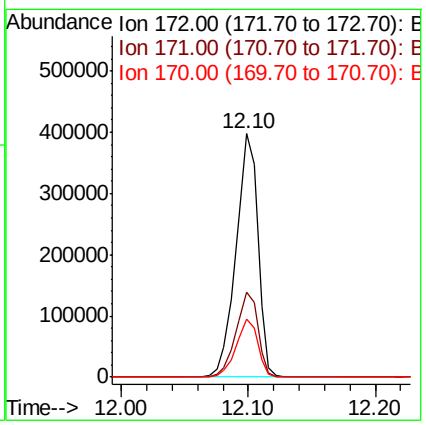


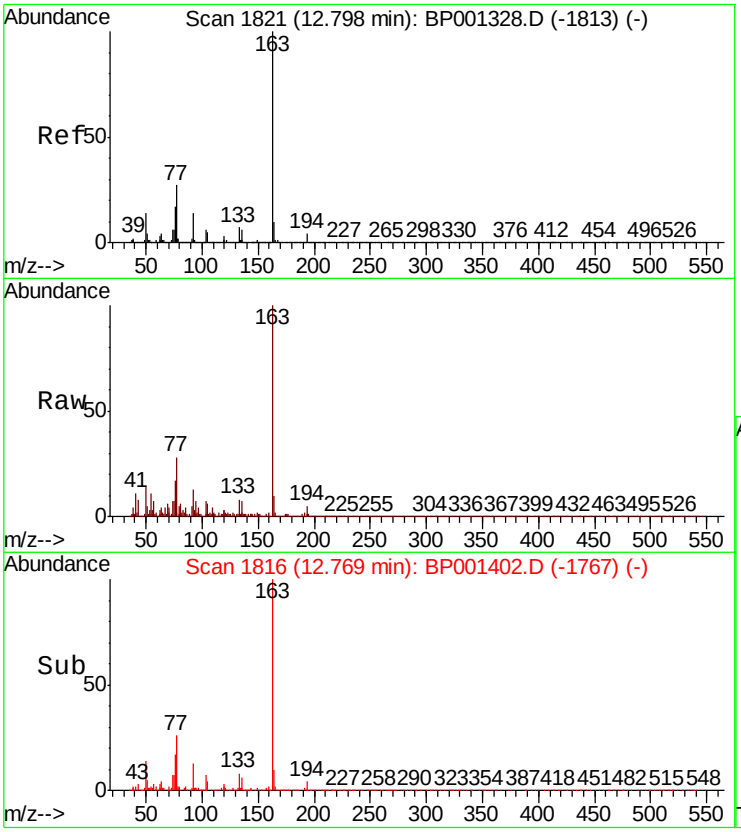


#45
2-Fluorobiphenyl
Concen: 64.374 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Tgt Ion:172 Resp: 470004

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.4	41.0
170	23.8	18.2	27.4



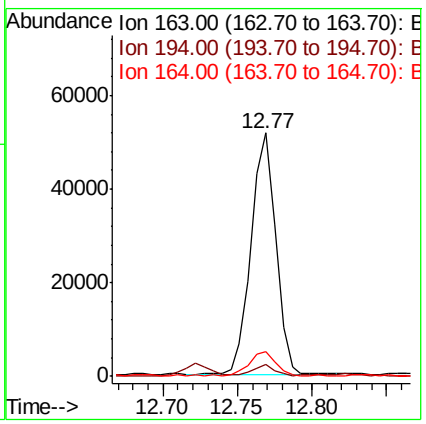


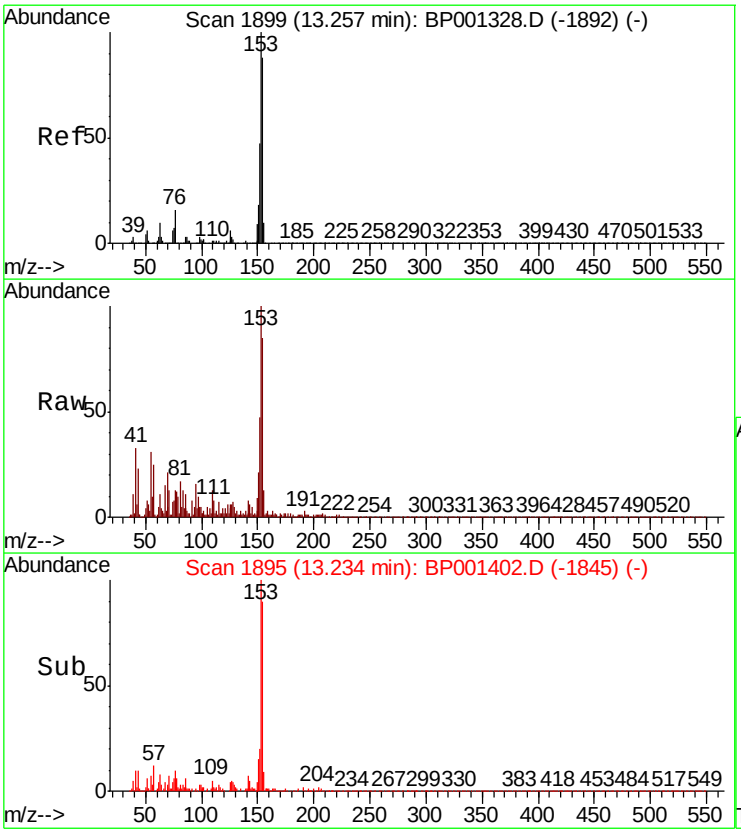
#50
Dimethylphthalate
Concen: 7.847 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 59437

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.2	4.8
164	10.2	7.7	11.5

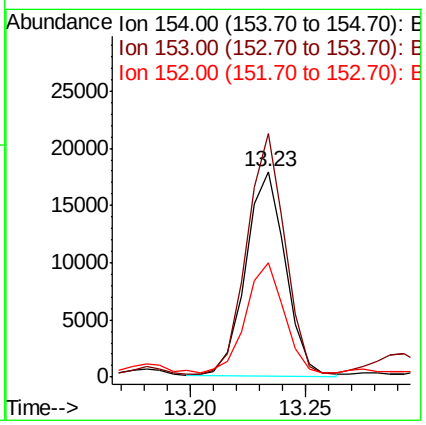


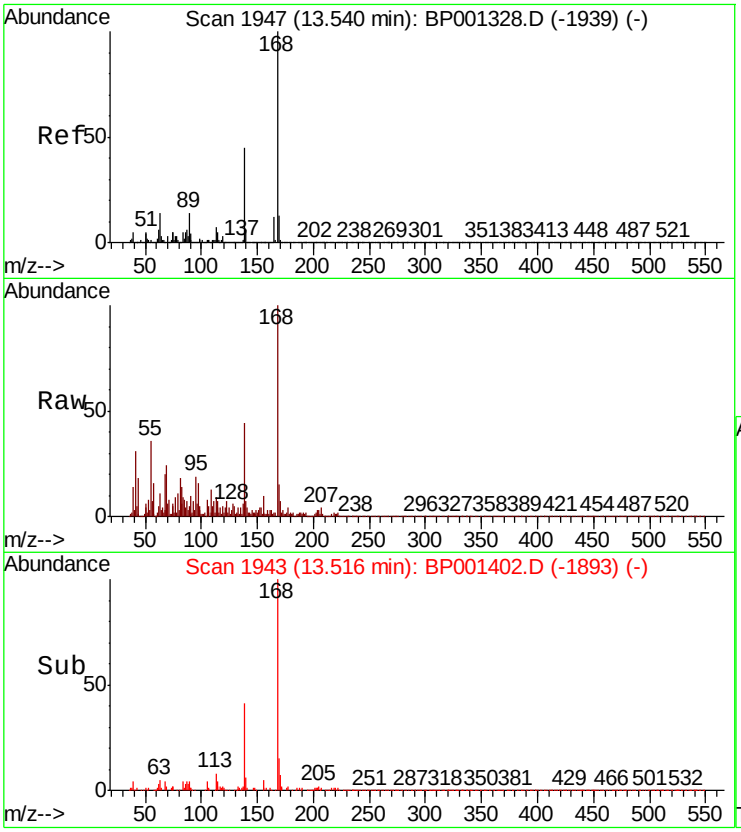


#52
Acenaphthene
Concen: 3.912 ng
RT: 13.23 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Tgt Ion:154 Resp: 21521

Ion	Ratio	Lower	Upper
154	100		
153	118.3	90.1	135.1
152	55.6	41.8	62.6



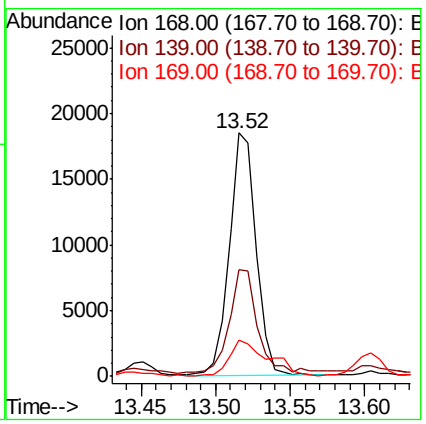


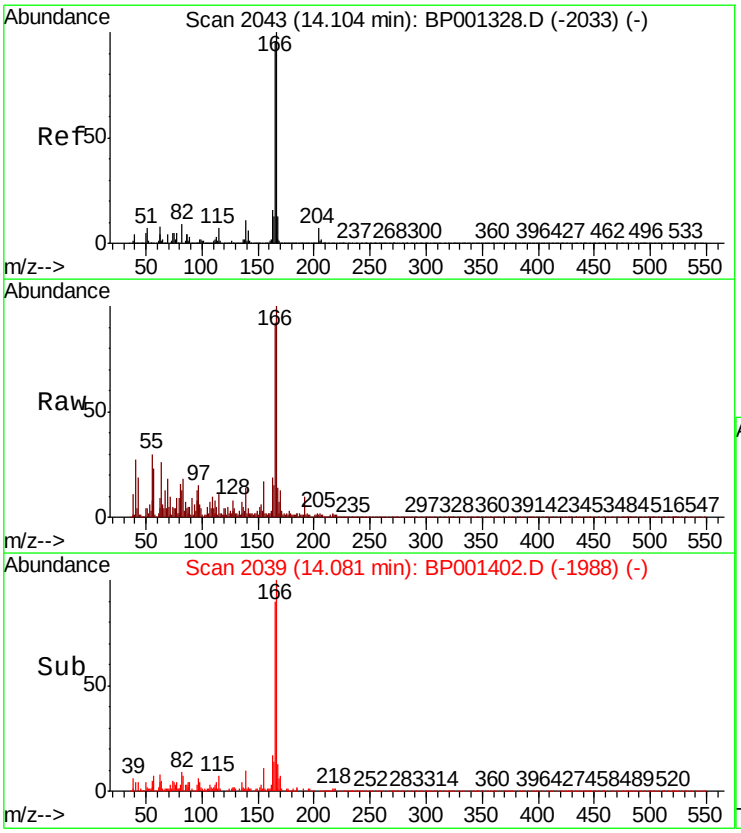
#55
Dibenzofuran
Concen: 2.695 ng
RT: 13.52 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:168 Resp: 23228

Ion	Ratio	Lower	Upper
168	100		
139	44.1	33.0	49.4
169	14.8	10.6	16.0

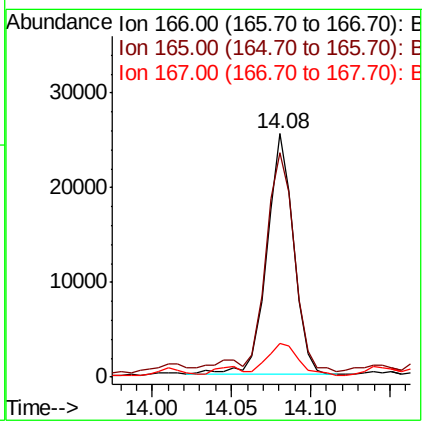


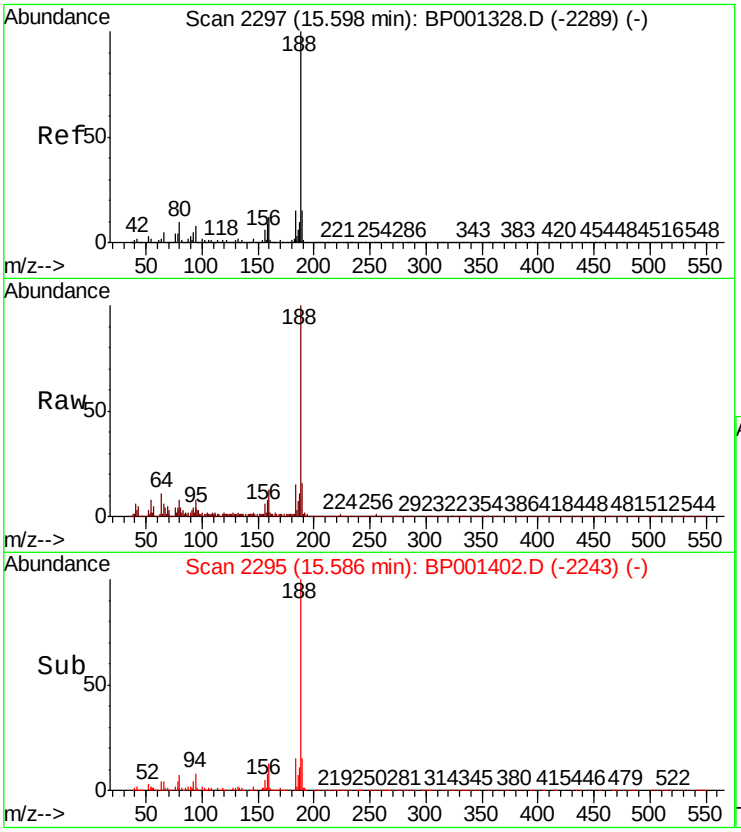


#58
Fluorene
Concen: 4.305 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Tgt Ion:166 Resp: 29679

Ion	Ratio	Lower	Upper
166	100		
165	92.1	76.6	114.8
167	13.7	11.0	16.4



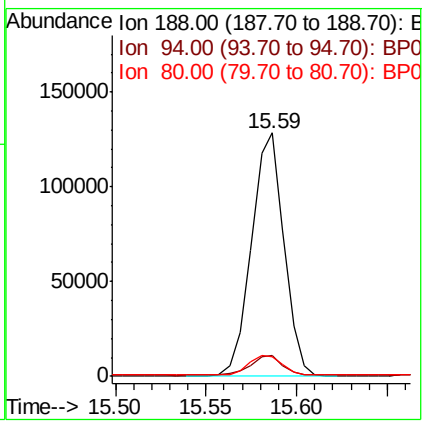


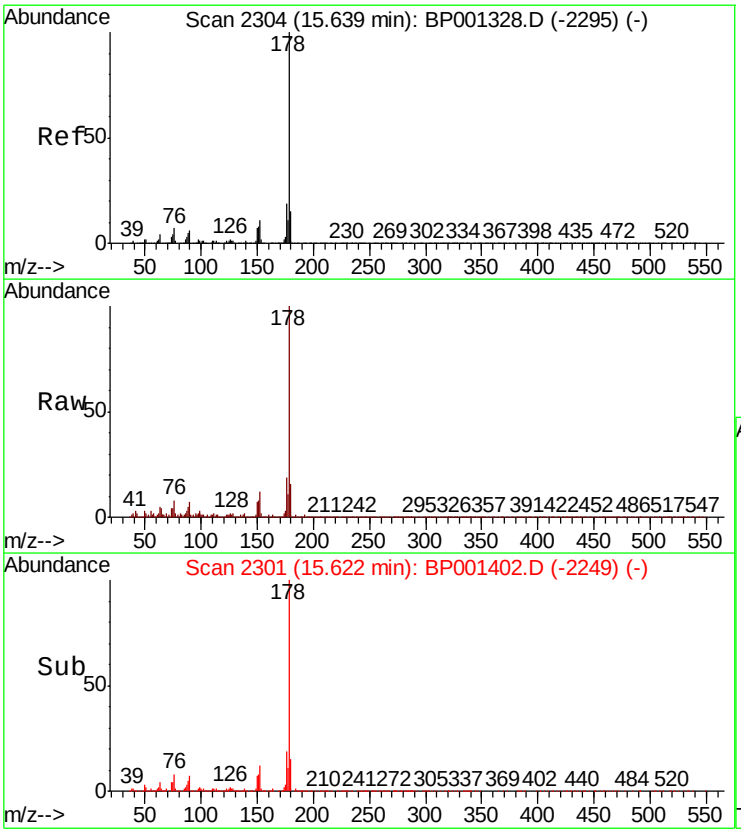
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 160009

Ion	Ratio	Lower	Upper
188	100		
94	8.4	5.8	8.8
80	7.8	5.7	8.5

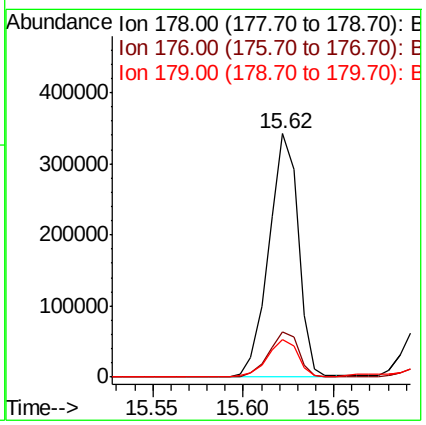


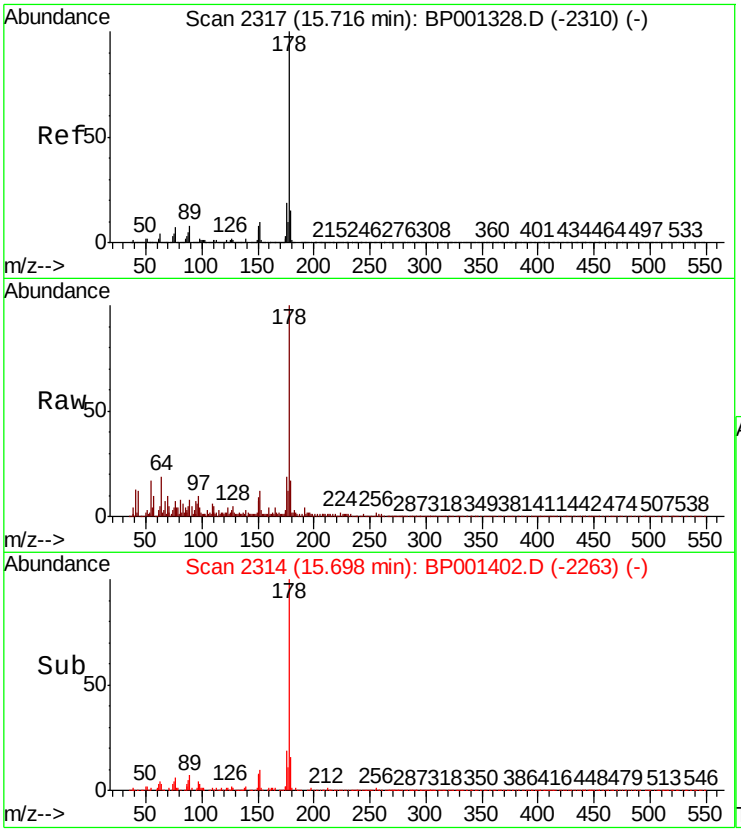


#71
Phenanthrene
Concen: 42.218 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Tgt Ion:178 Resp: 385410

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.6	12.2	18.2



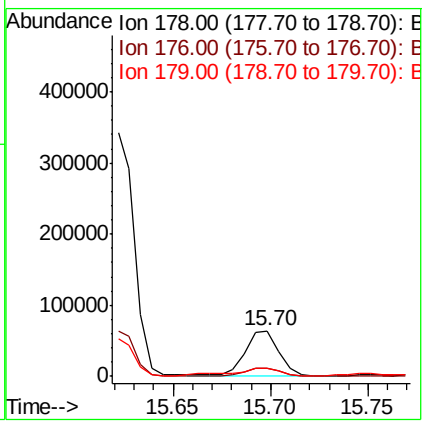


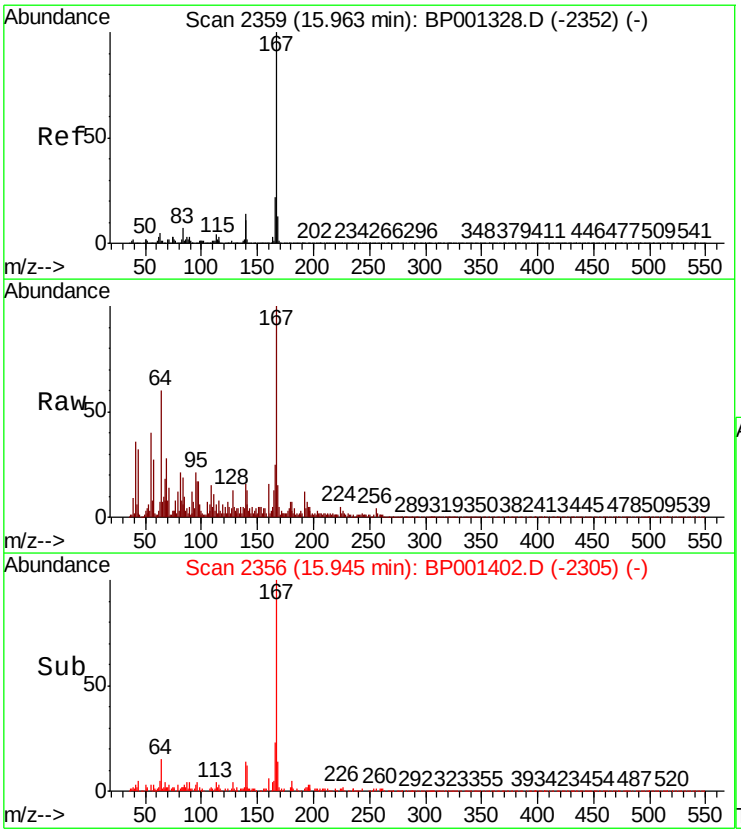
#72
Anthracene
Concen: 8.405 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 75960

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.5	21.7
179	16.9	11.8	17.8

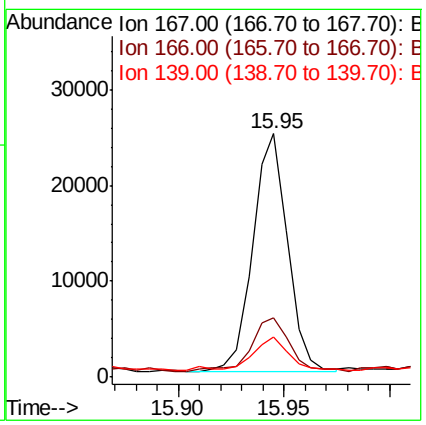


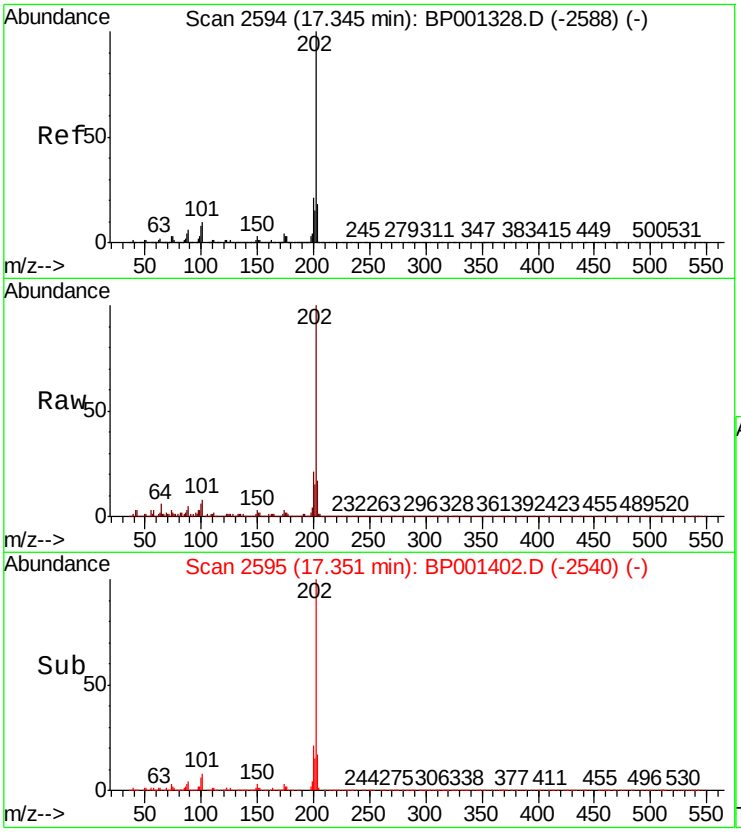


#73
Carbazole
Concen: 3.511 ng
RT: 15.95 min Scan# 2356
Delta R.T. -0.00 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Tgt Ion:167 Resp: 28285

Ion	Ratio	Lower	Upper
167	100		
166	24.6	17.4	26.2
139	16.4	10.9	16.3#



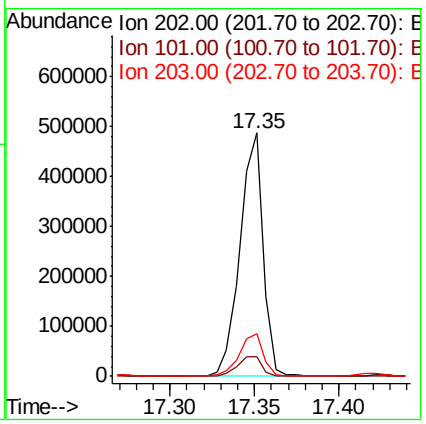


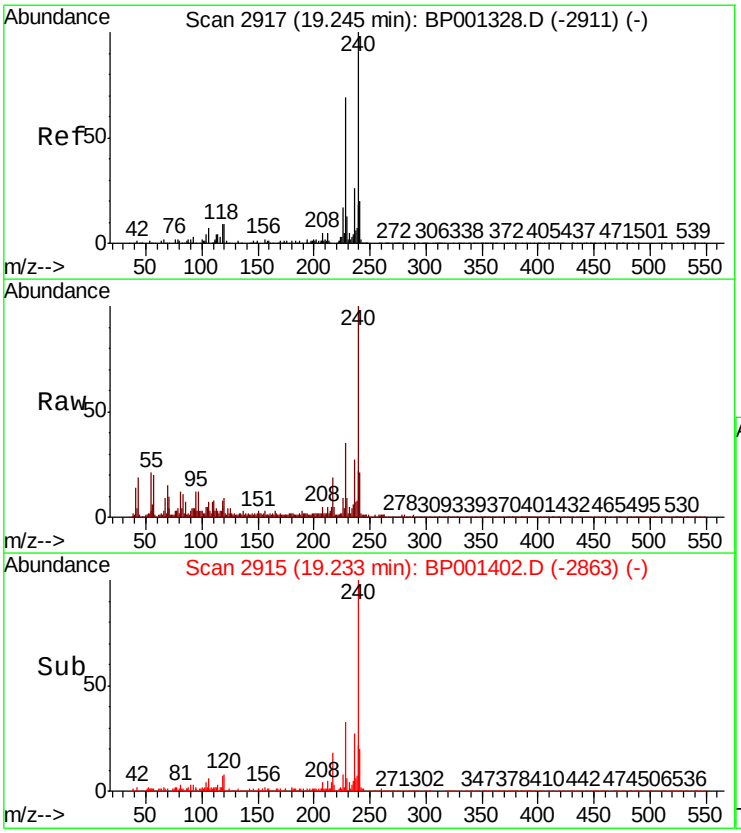
#75
Fluoranthene
Concen: 45.534 ng
RT: 17.35 min Scan# 2595
Delta R.T. 0.02 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 464797

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	28.7
203	17.3	0.0	37.4

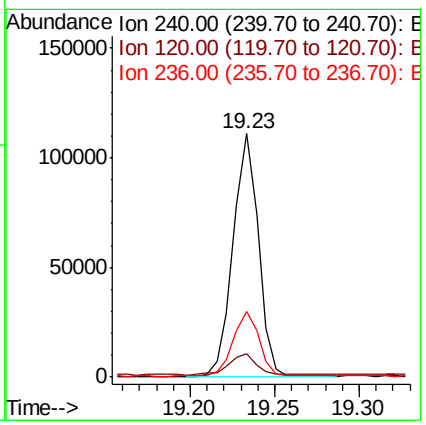


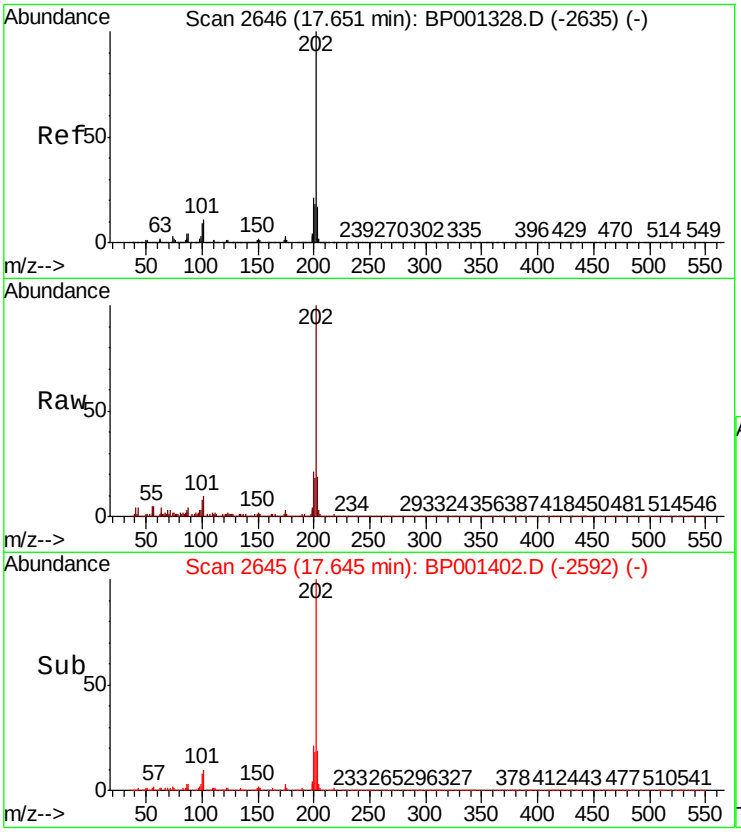


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.23 min Scan# 2915
Delta R.T. 0.01 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Tgt Ion:240 Resp: 115416

Ion	Ratio	Lower	Upper
240	100		
120	9.5	6.2	9.2#
236	27.0	20.2	30.2



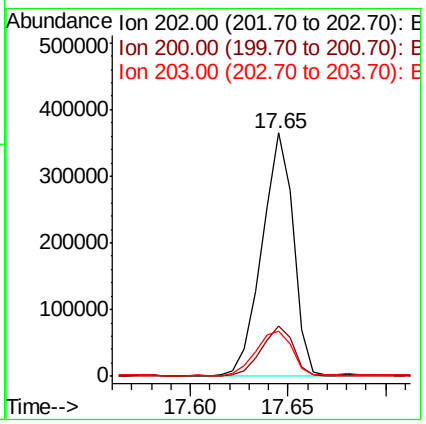


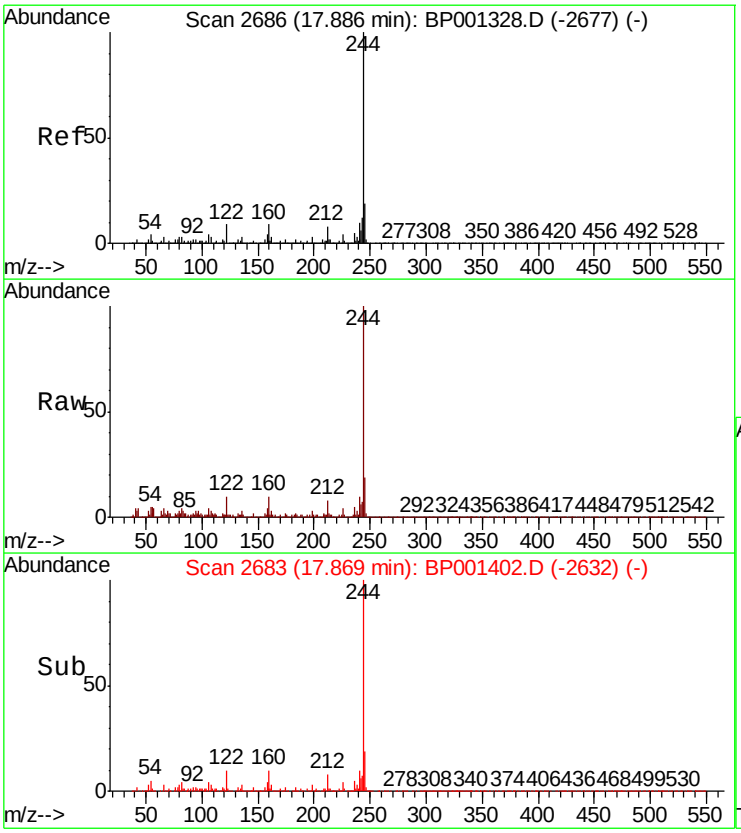
#78
Pyrene
Concen: 45.101 ng
RT: 17.65 min Scan# 2645
Delta R.T. 0.01 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 404169

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	18.8	14.3	21.5

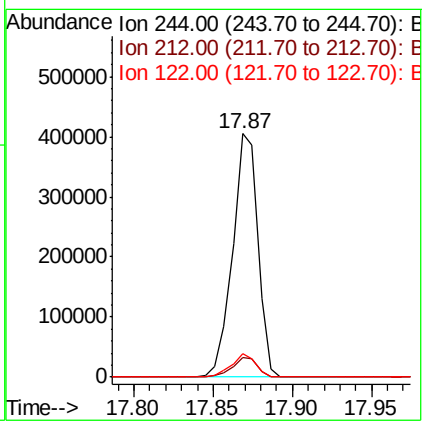


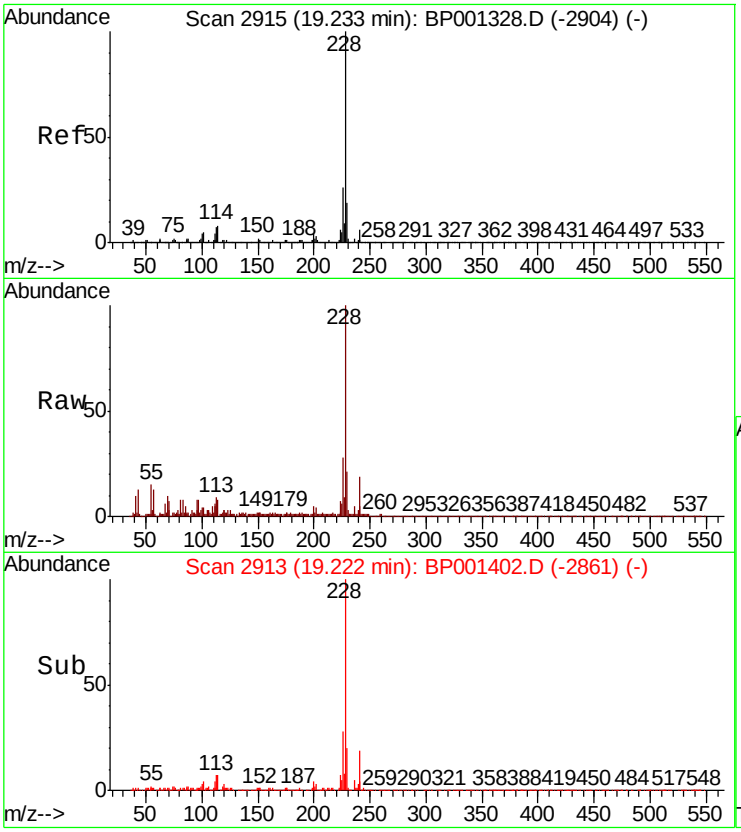


#79
Terphenyl-d14
Concen: 66.126 ng
RT: 17.87 min Scan# 2683
Delta R.T. -0.00 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Tgt Ion:244 Resp: 445596

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	9.8	6.4	9.6#



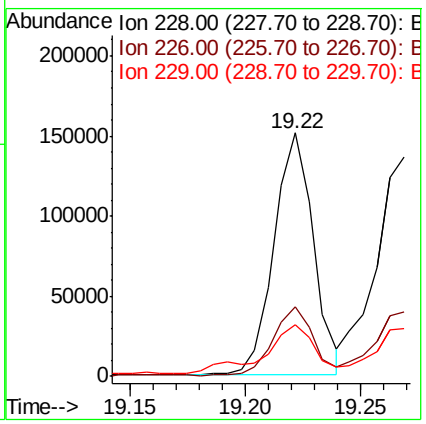


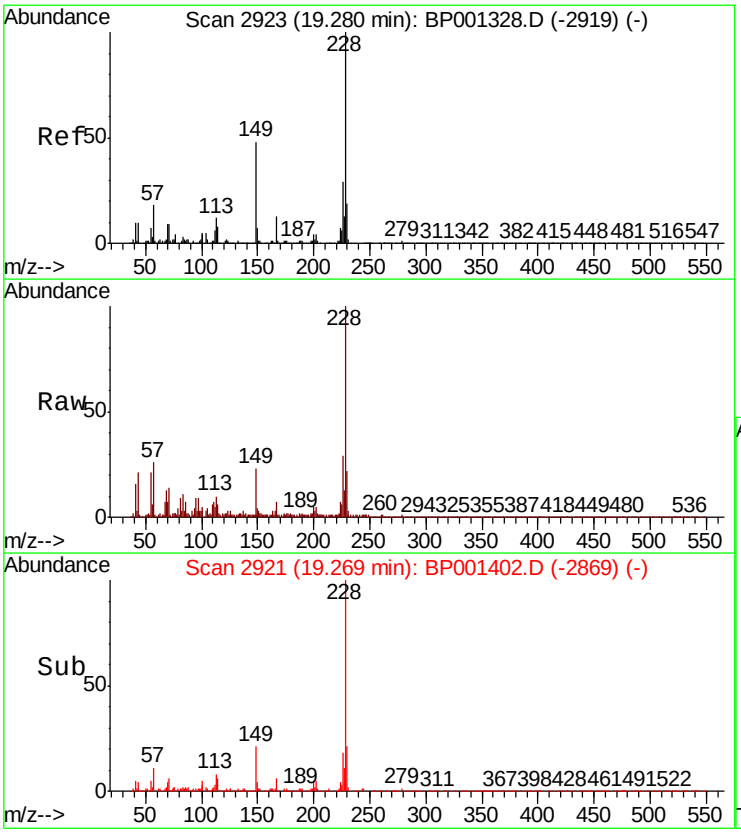
#81
Benzo(a)anthracene
Concen: 21.311 ng
RT: 19.22 min Scan# 2913
Delta R.T. 0.01 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 179233

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.4	32.2
229	21.2	15.7	23.5

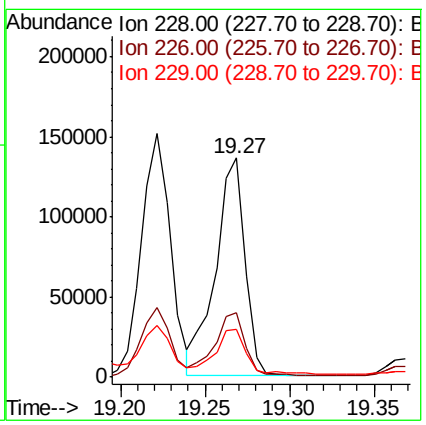


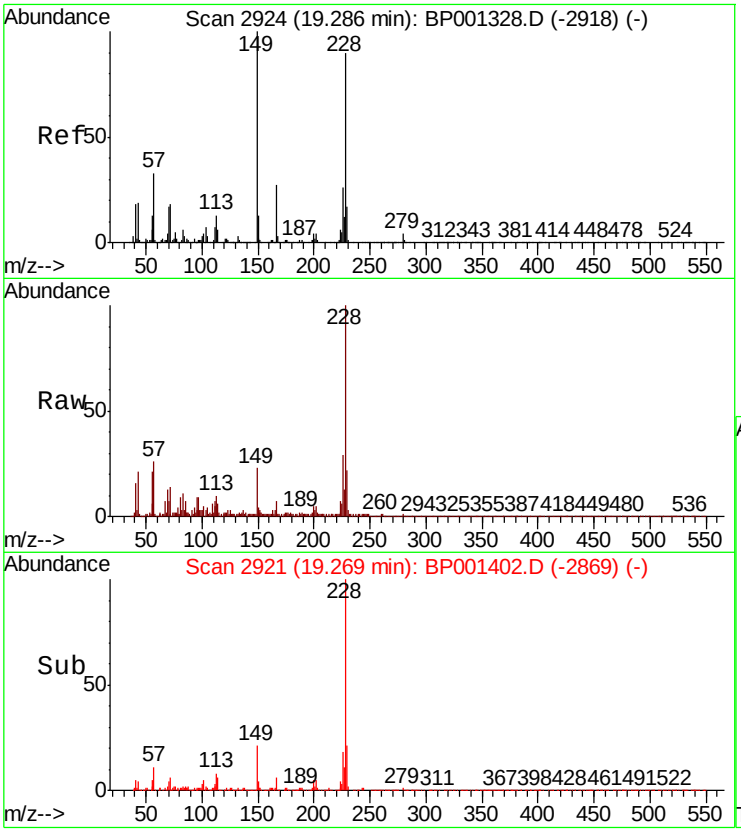


#83
Chrysene
Concen: 20.396 ng
RT: 19.27 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Tgt Ion:228 Resp: 165568

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	21.8	15.5	23.3



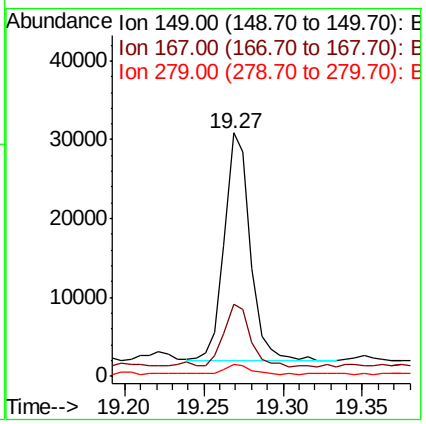


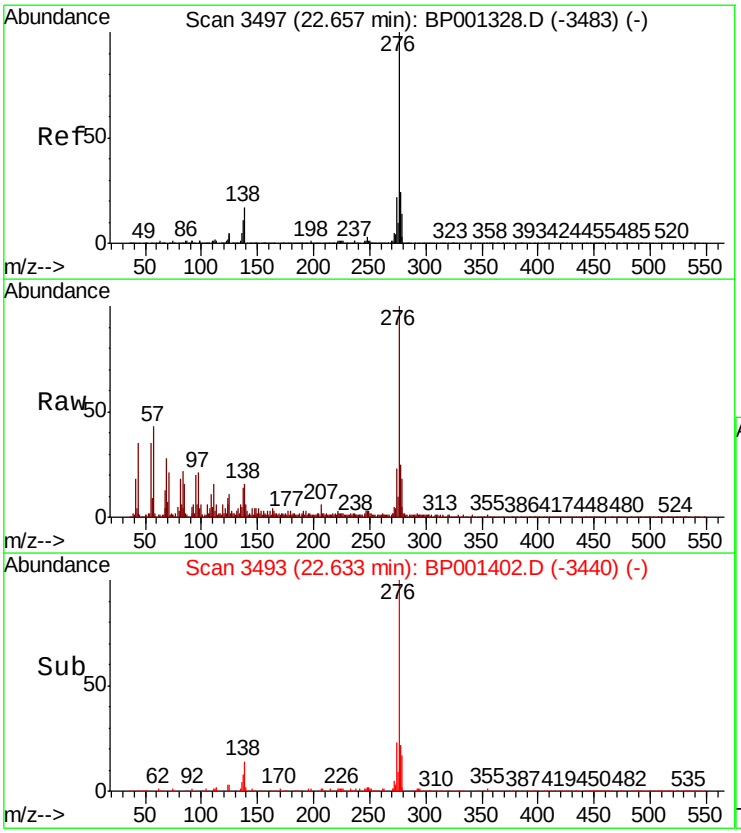
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.427 ng
RT: 19.27 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 33268

Ion	Ratio	Lower	Upper
149	100		
167	29.8	21.4	32.0
279	4.9	3.2	4.8#

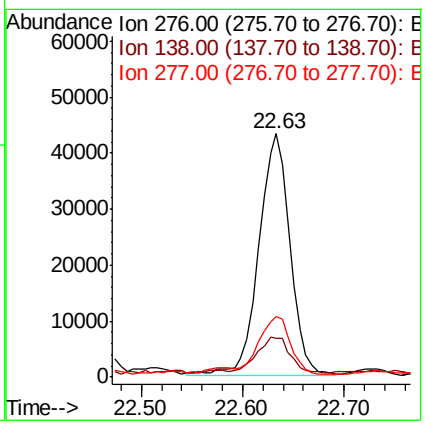


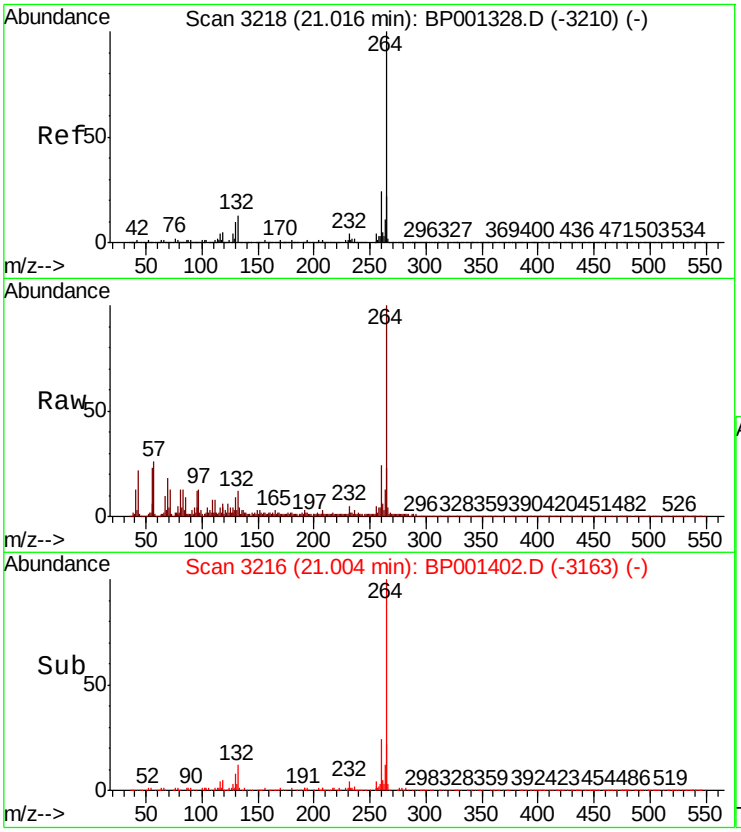


#86
Indeno(1,2,3-cd)pyrene
Concen: 10.561 ng
RT: 22.63 min Scan# 3493
Delta R.T. 0.01 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Tgt Ion:276 Resp: 92593

Ion	Ratio	Lower	Upper
276	100		
138	15.2	12.8	19.2
277	24.7	19.9	29.9



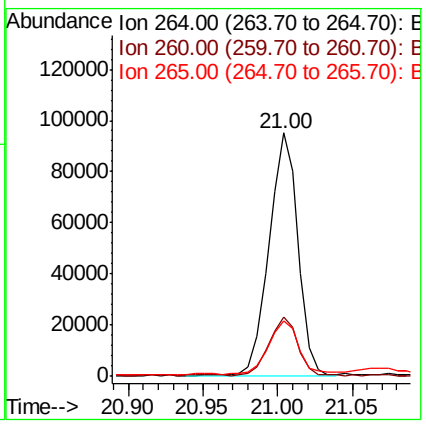


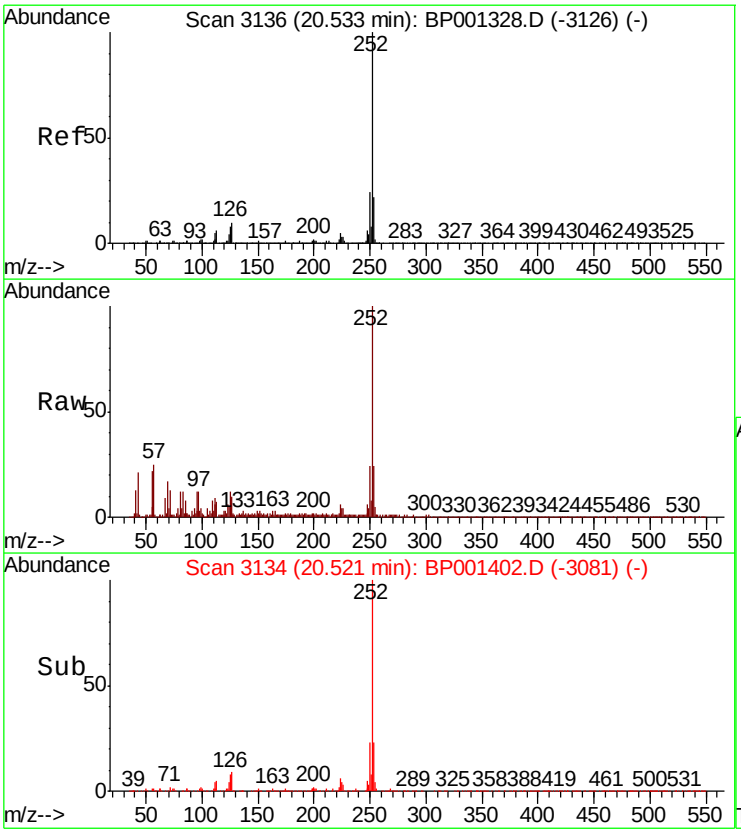
#87
Perylene-d12
Concen: 20.000 ng
RT: 21.00 min Scan# 3216
Delta R.T. 0.01 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 127245

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	22.5	17.0	25.4

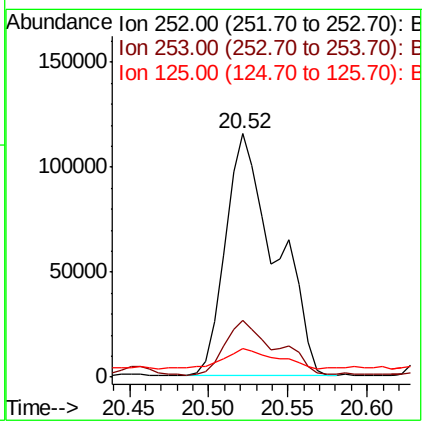


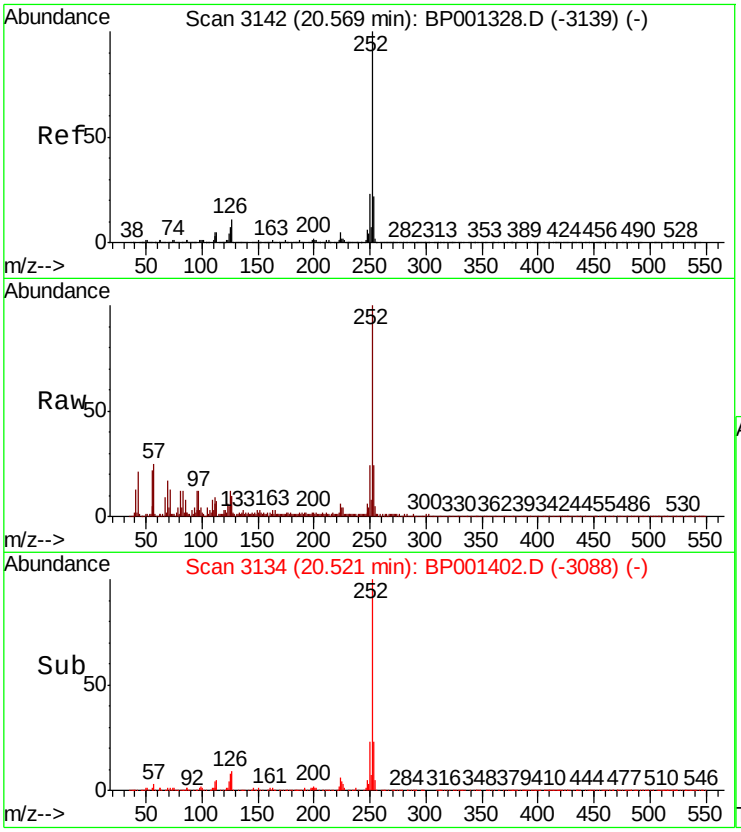


#88
Benzo(b)fluoranthene
Concen: 30.270 ng
RT: 20.52 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Tgt Ion:252 Resp: 252951

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	11.7	5.6	8.4#



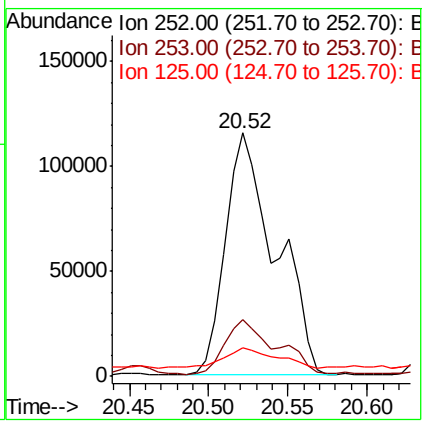


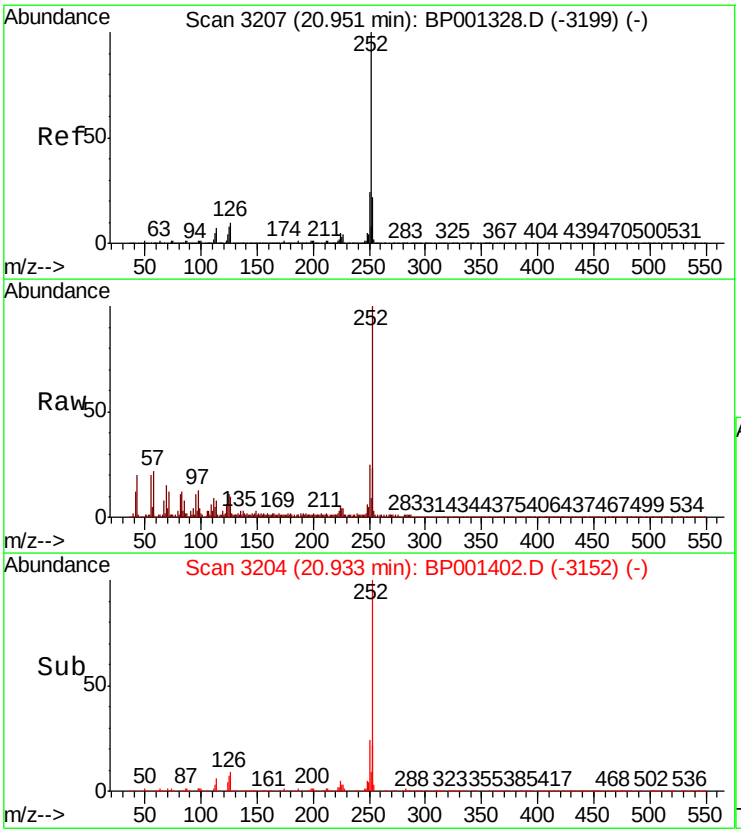
#89
Benzo(k)fluoranthene
Concen: 31.776 ng
RT: 20.52 min Scan# 3134
Delta R.T. -0.03 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 252951

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	11.7	4.5	6.7#

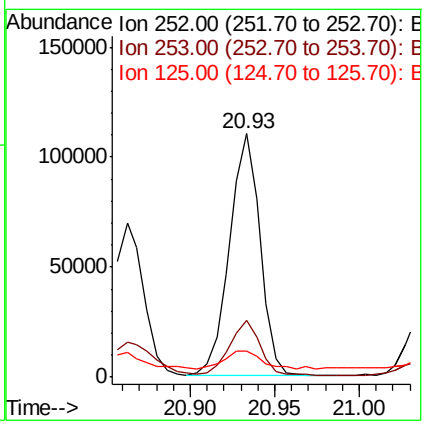


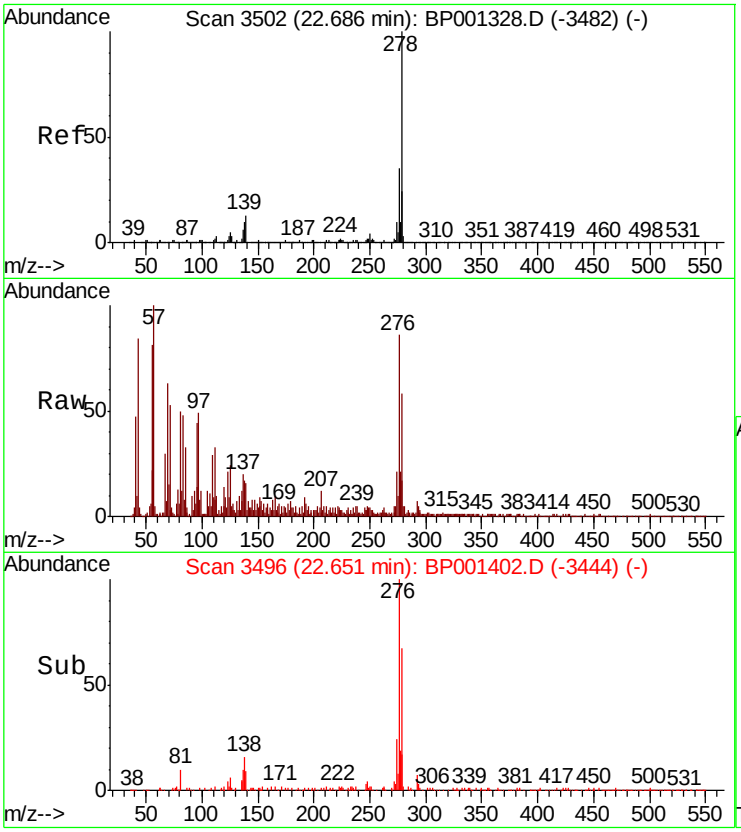


#90
Benzo(a)pyrene
Concen: 18.155 ng
RT: 20.93 min Scan# 3204
Delta R.T. 0.01 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Tgt Ion:252 Resp: 138210

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	10.8	5.2	7.8#



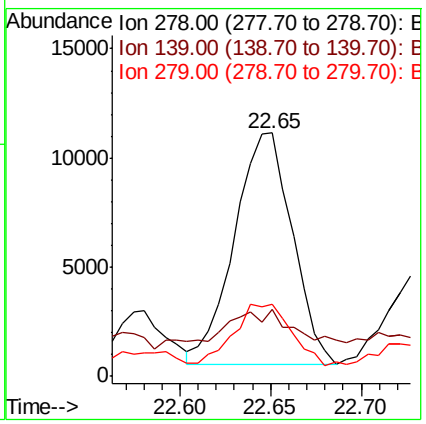


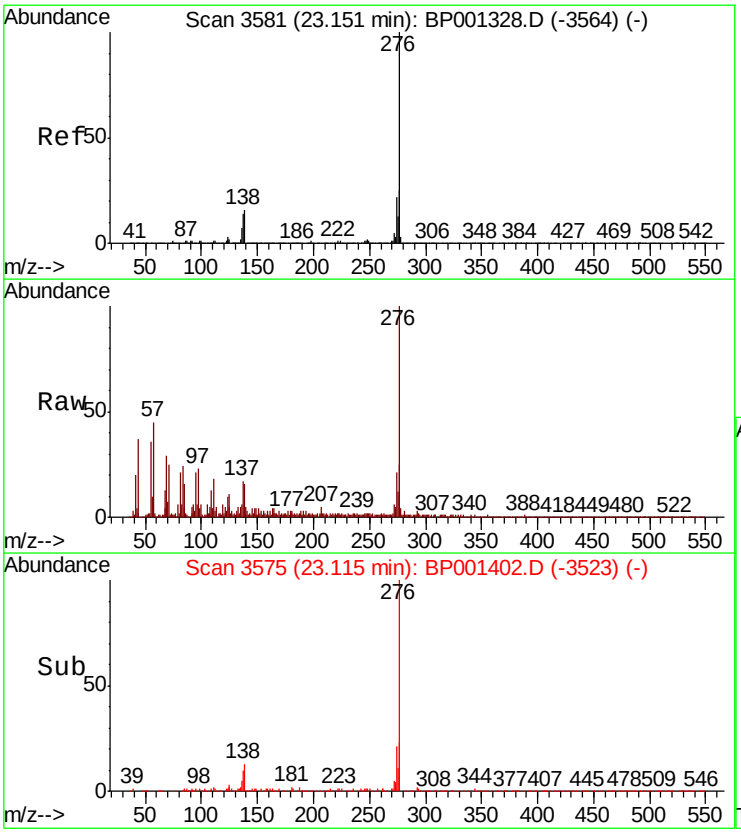
#91
Dibenzo(a,h)anthracene
Concen: 3.172 ng
RT: 22.65 min Scan# 3496
Delta R.T. 0.01 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 23612

Ion	Ratio	Lower	Upper
278	100		
139	27.6	8.3	12.5#
279	29.8	19.1	28.7#





#92
Benzo(g,h,i)perylene
Concen: 12.134 ng
RT: 23.12 min Scan# 3575
Delta R.T. 0.01 min
Lab File: BP001402.D
Acq: 24 Dec 2019 23:04

Tgt Ion:276 Resp: 86300

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	27.8
138	16.0	10.5	15.7#