Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
Data File : BF111910.D
Acq On : 8 Jan 2019 16:41
Operator : JU/SJ
Sample : K1075-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 08 17:55:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	169218	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	489467	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	176042	20.00	ng		-0.01
64) Phenanthrene-d10	11.41	188	338919	20.00	ng		0.00
76) Chrysene-d12	14.06	240	278655	20.00	ng		0.00
87) Perylene-d12	15.55	264	213916	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	827248	83.64	ng		0.00
7) Phenol-d6	6.53	99	1079780	84.70	ng		0.00
23) Nitrobenzene-d5	7.44	82	666093	72.73	ng		-0.02
42) 2,4,6-Tribromophenol	10.71	330	207089	90.44	ng		-0.01
45) 2-Fluorobiphenyl	9.24	172	991186	82.10	ng		-0.01
79) Terphenyl-d14	12.99	244	888685	60.54	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.53	77	2127	Below Cal		#	1
10) Phenol	6.54	94	55855	4.031	ng	#	72
19) n-Nitroso-di-n-propylamine	7.44	70	89845	10.847	ng	#	80
25) Isophorone	7.44	82	661288	44.591	ng	#	65
31) Naphthalene	8.19	128	101209	4.356	ng		99
37) 2-Methylnaphthalene	8.88	142	68300	4.744	ng		99
38) 1-Methylnaphthalene	8.97	142	42328	3.065	ng		100
46) 1,1'-Biphenyl	9.34	154	37203	2.526	ng		98
50) Dimethylphthalate	9.63	163	98426	7.443	ng		99
52) Acenaphthene	9.95	154	318189	28.886	ng		99
55) Dibenzofuran	10.13	168	268000	16.729	ng		97
56) 4-Nitrophenol	10.12	139	97222	43.447	ng	#	7
58) Fluorene	10.47	166	401166	34.415	ng		98
67) 4-Bromophenyl-phenylether	10.71	248	12763	2.907	ng	#	1
71) Phenanthrene	11.45	178	3392713	187.233	ng		96
72) Anthracene	11.49	178	1325274	72.047	ng		99
73) Carbazole	11.64	167	235123	13.141	ng		99
75) Fluoranthene	12.65	202	4655863	250.287	ng		93
78) Pyrene	12.87	202	3756163	195.907	ng		96
81) Benzo(a)anthracene	14.05	228	2126772	132.616	ng		98
83) Chrysene	14.09	228	1708424	111.728	ng		96
86) Indeno(1,2,3-cd)pyrene	17.06	276	617185	55.365	ng		97
88) Benzo(b)fluoranthene	15.12	252	2197481	171.728	ng		97
89) Benzo(k)fluoranthene	15.12	252	2197481	182.692	ng		98
90) Benzo(a)pyrene	15.49	252	1115148	99.112	ng		96
91) Dibenzo(a,h)anthracene	17.06	278	166126	18.358	ng		96
92) Benzo(g,h,i)perylene	17.51	276	529040	59.771	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
Data File : BF111910.D
Acq On : 8 Jan 2019 16:41
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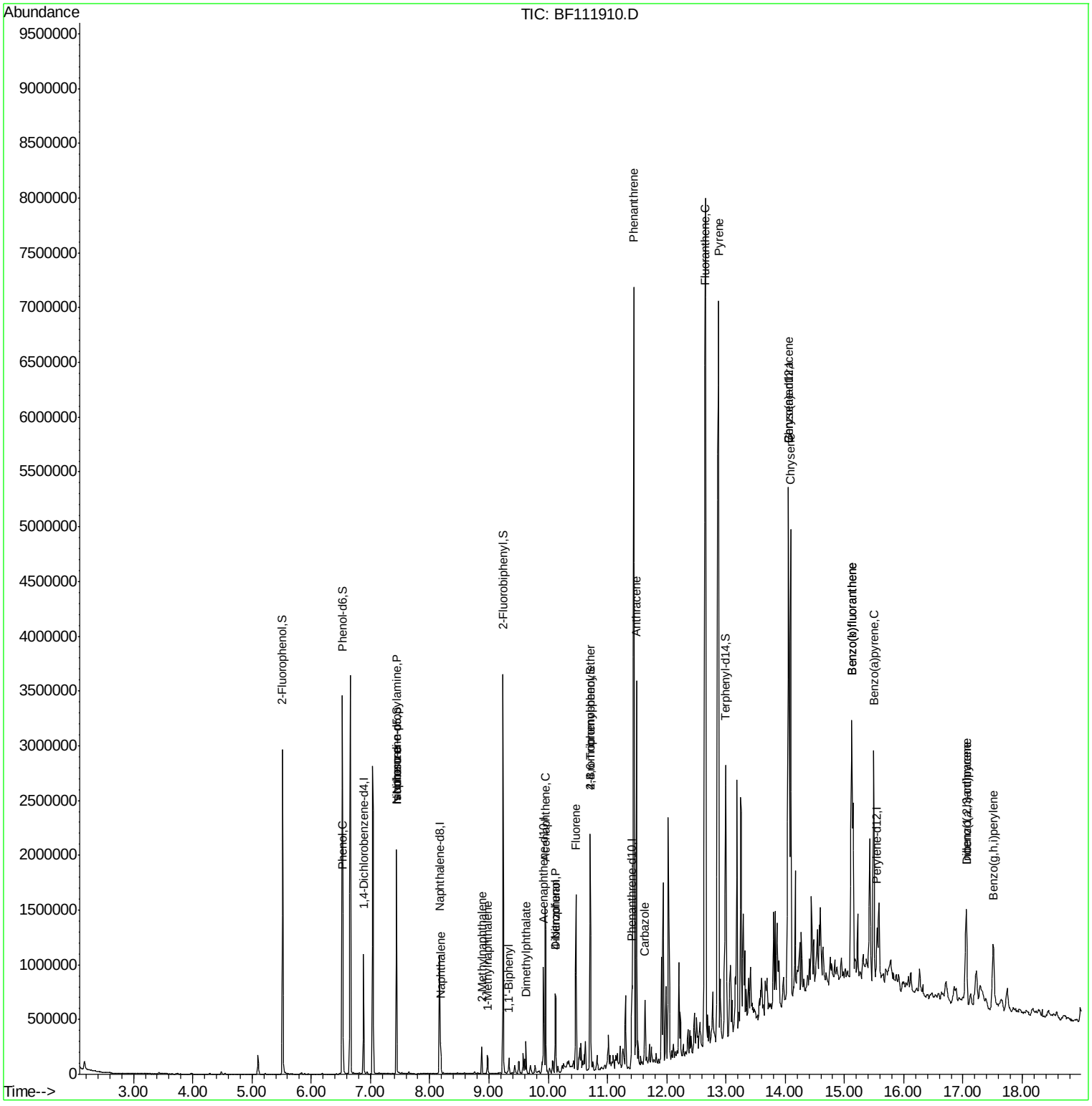
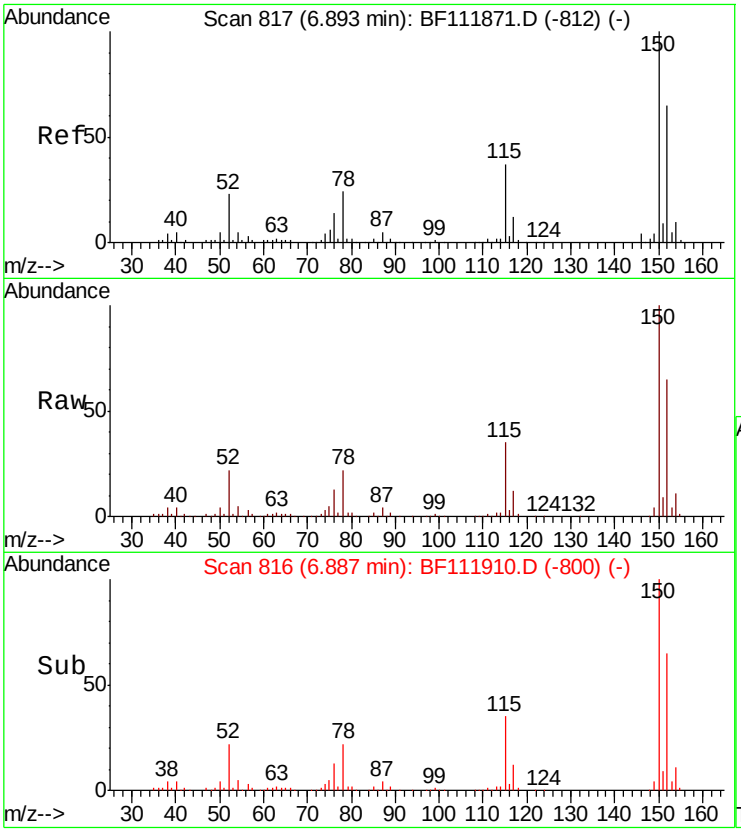
Sample : K1075-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 08 17:55:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration



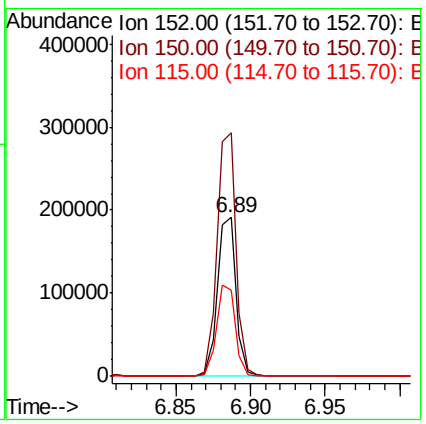


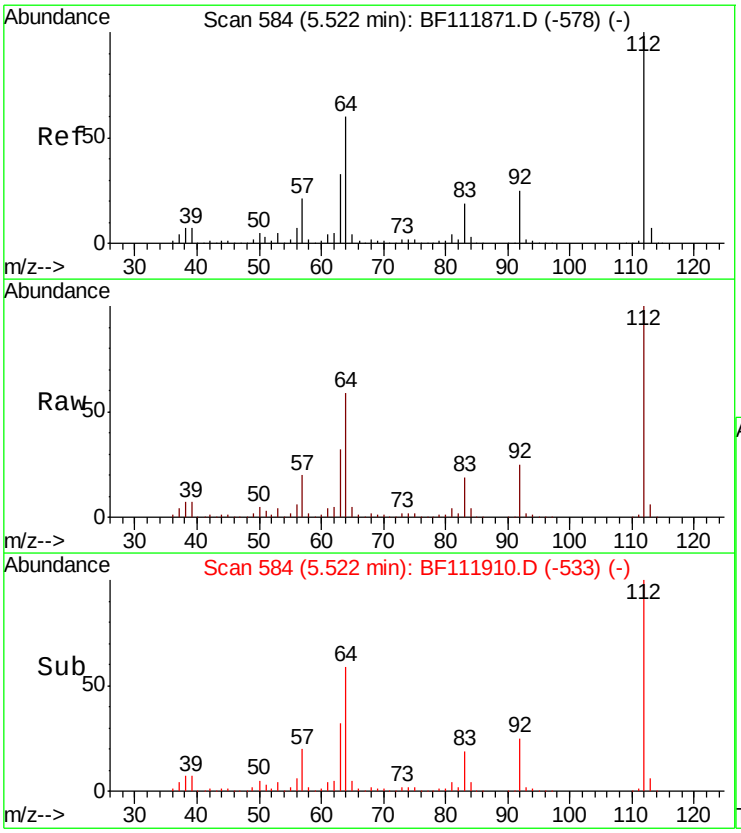
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 169218

Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.7	184.1
115	54.0	45.2	67.8

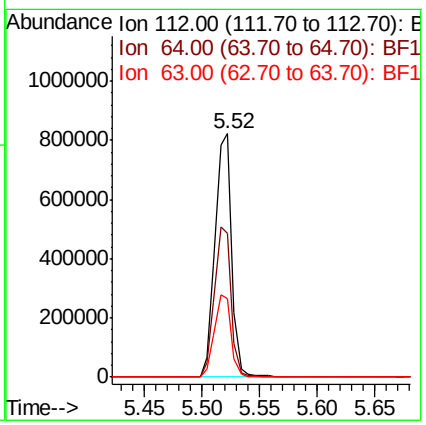


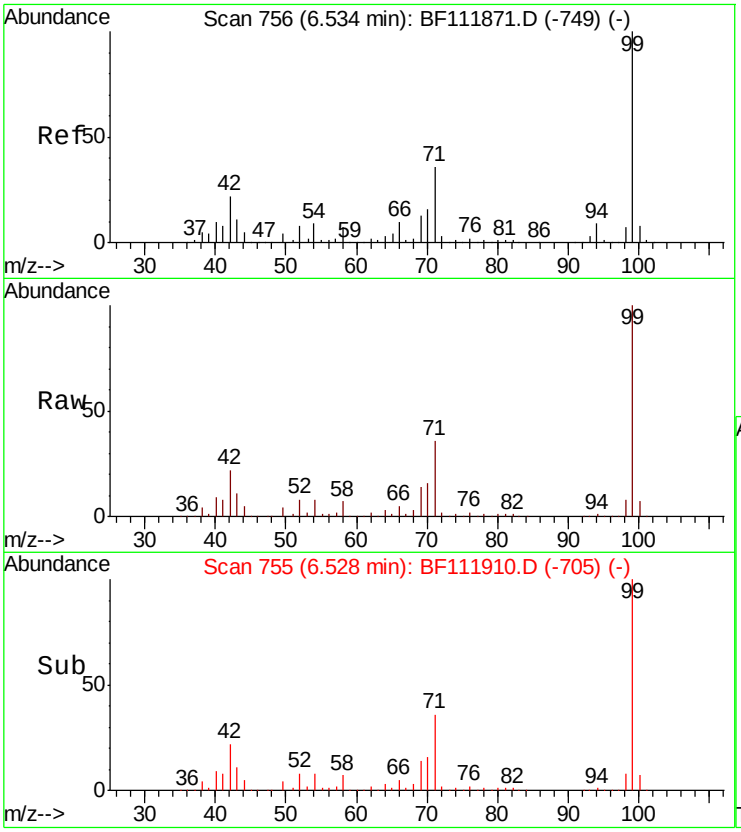


#5
2-Fluorophenol
Concen: 83.636 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Tgt Ion:112 Resp: 827248

Ion	Ratio	Lower	Upper
112	100		
64	59.0	48.3	72.5
63	32.4	26.1	39.1



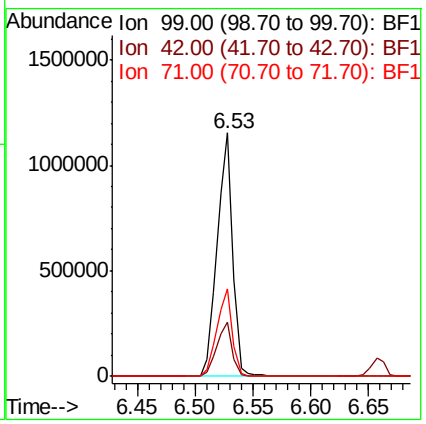


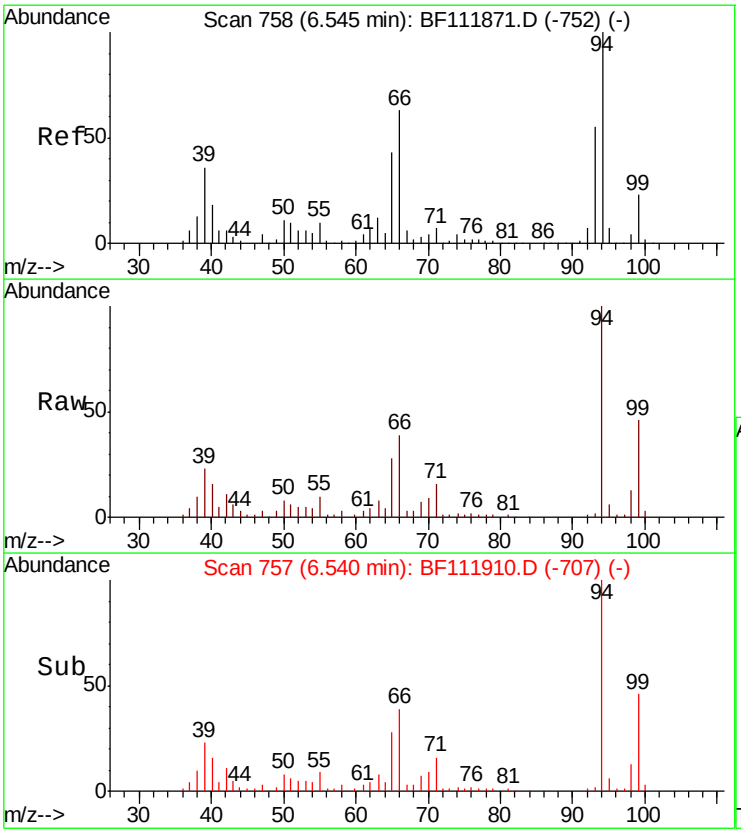
#7
Phenol-d6
Concen: 84.699 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1079780

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.9	26.9
71	35.9	28.7	43.1

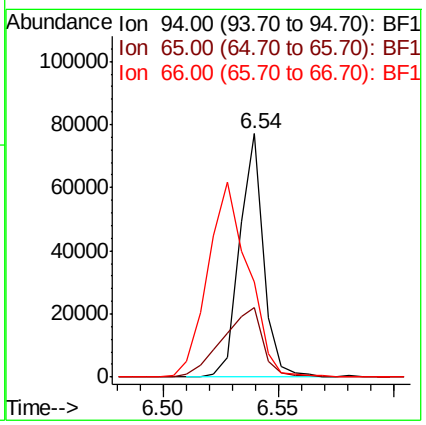


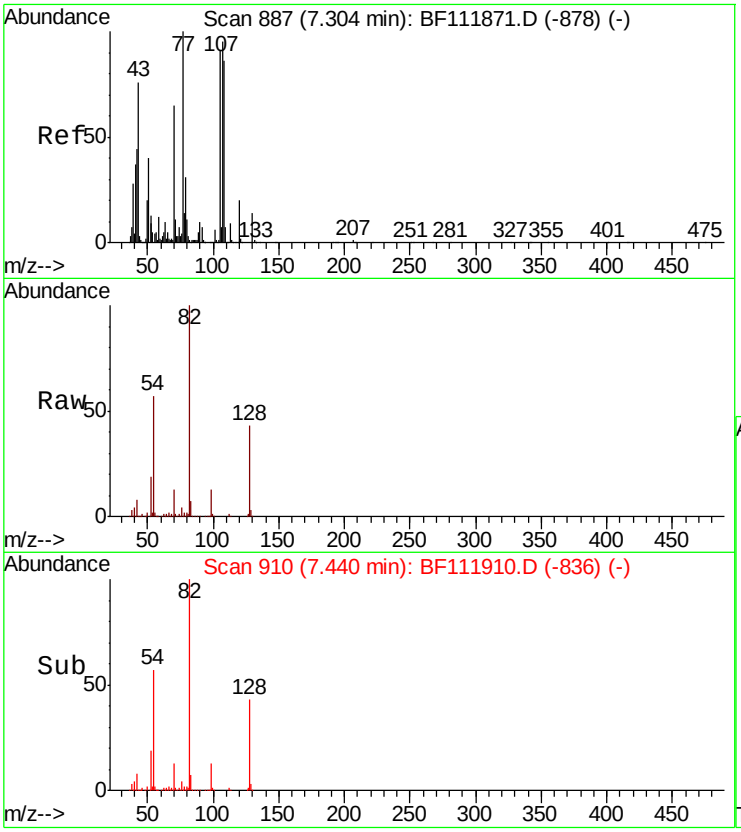


#10
Phenol
Concen: 4.031 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Tgt Ion: 94 Resp: 55855

Ion	Ratio	Lower	Upper
94	100		
65	28.5	22.8	62.8
66	39.1	43.3	83.3#



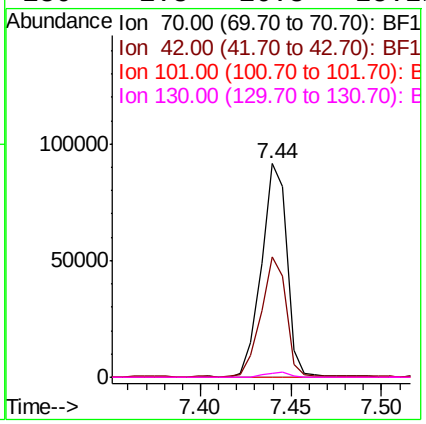


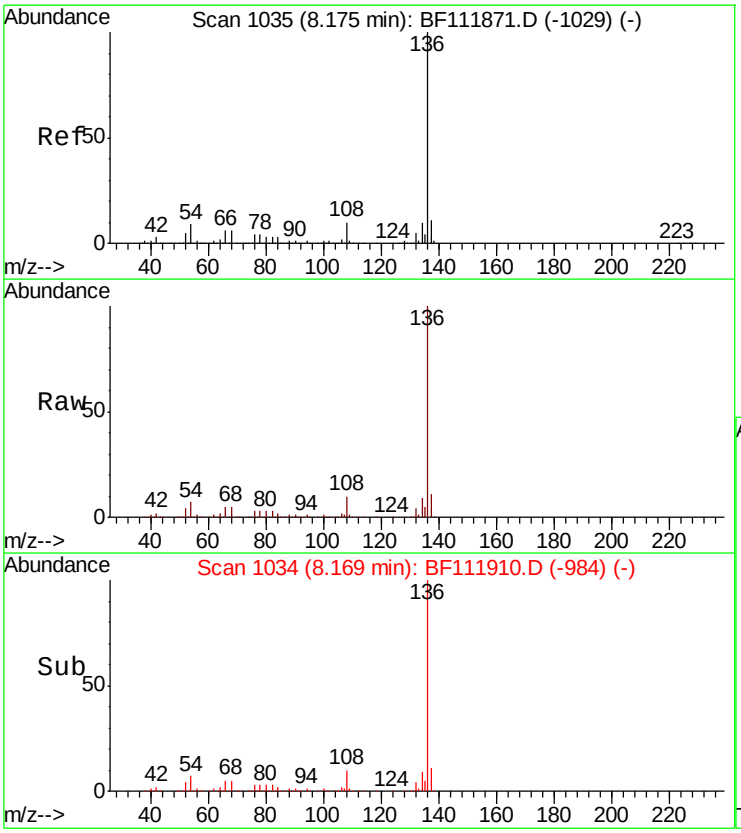
#19
n-Nitroso-di-n-propylamine
Concen: 10.847 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 89845

Ion	Ratio	Lower	Upper
70	100		
42	56.4	53.6	80.4
101	0.0	7.3	10.9#
130	1.8	16.8	25.2#

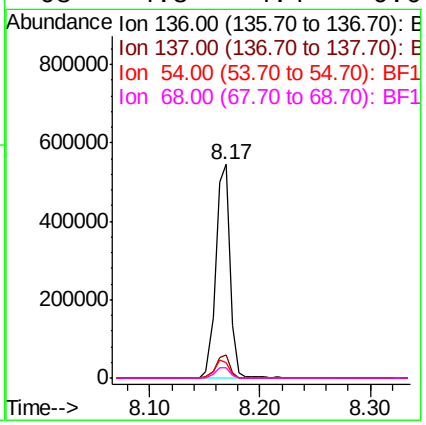


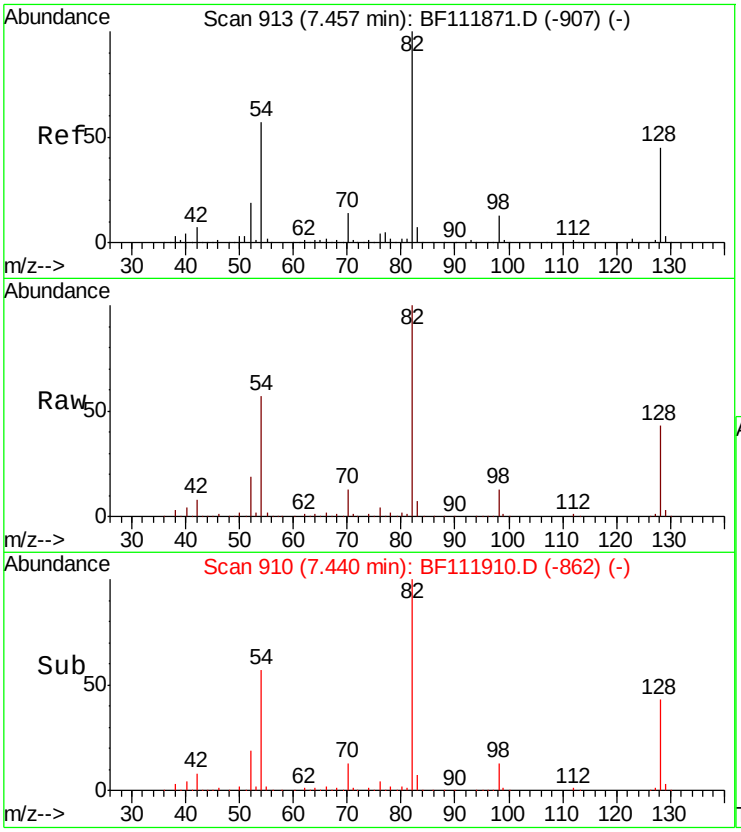


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Tgt Ion:136 Resp: 489467

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	7.4	7.2	10.8
68	4.8	4.4	6.6



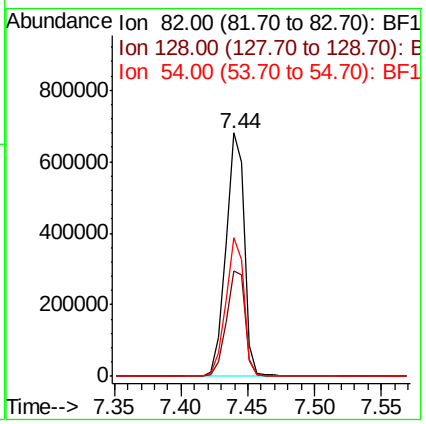


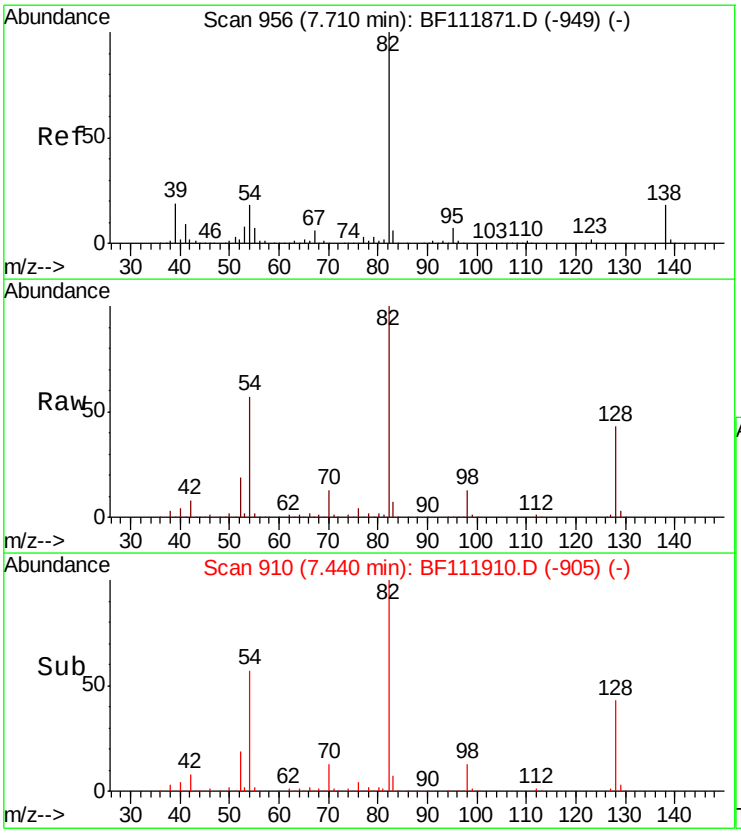
#23
Nitrobenzene-d5
Concen: 72.731 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 666093

Ion	Ratio	Lower	Upper
82	100		
128	43.2	35.7	53.5
54	56.7	45.8	68.8

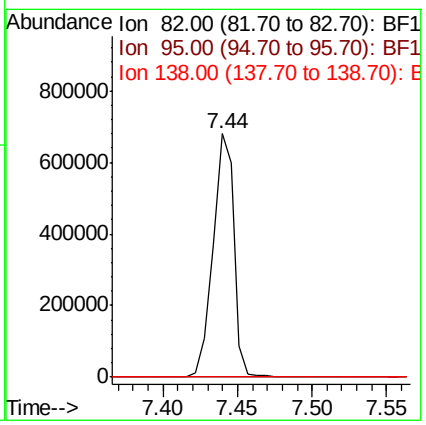


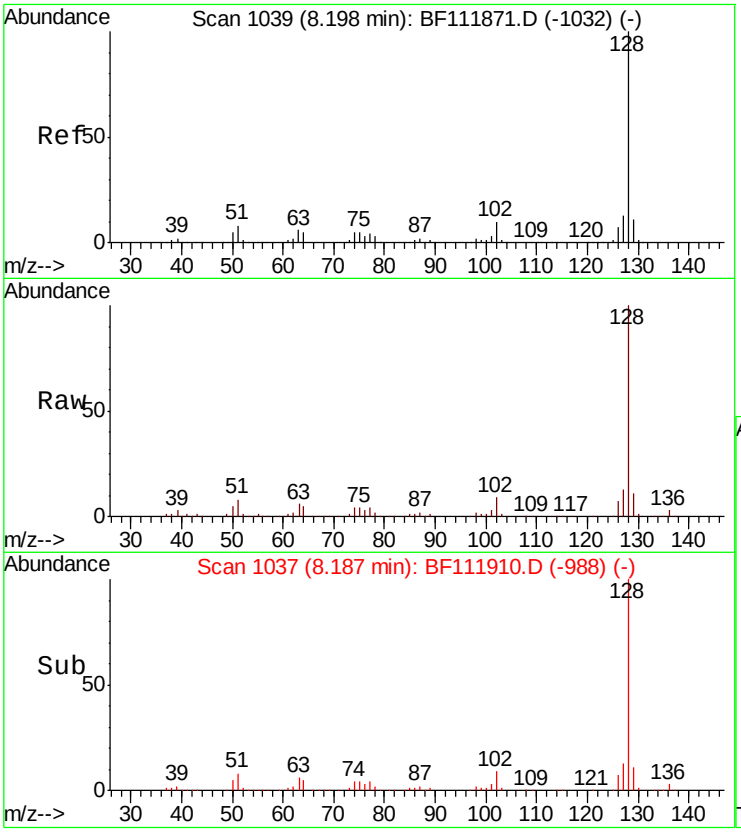


#25
Isophorone
Concen: 44.591 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Tgt Ion: 82 Resp: 661288

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	14.4	21.6#



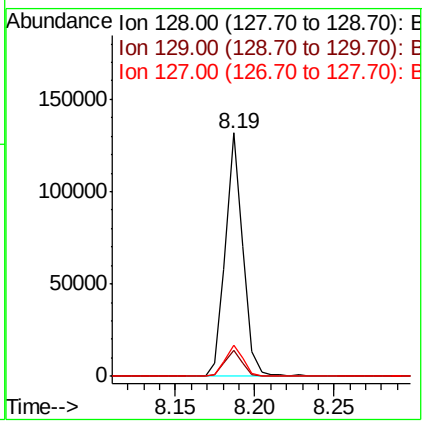


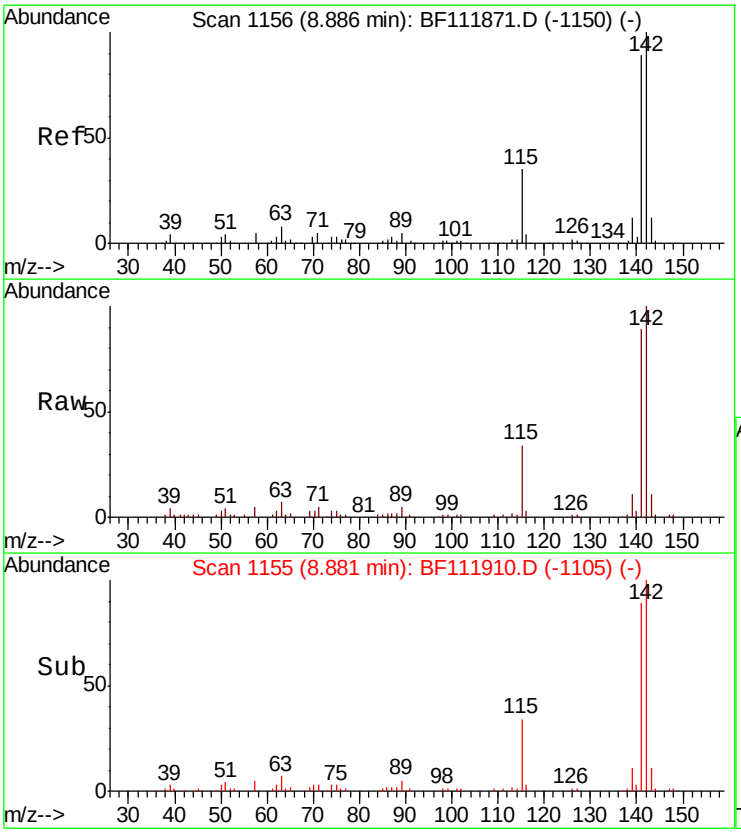
#31
Naphthalene
Concen: 4.356 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 101209

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	12.8	10.7	16.1

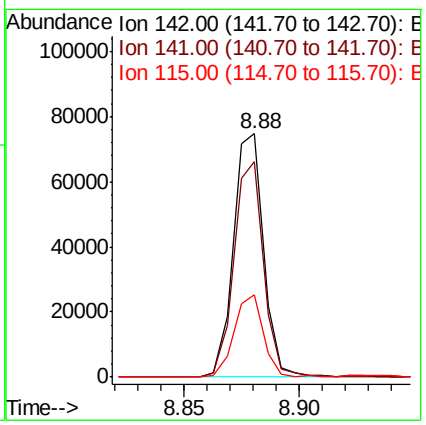


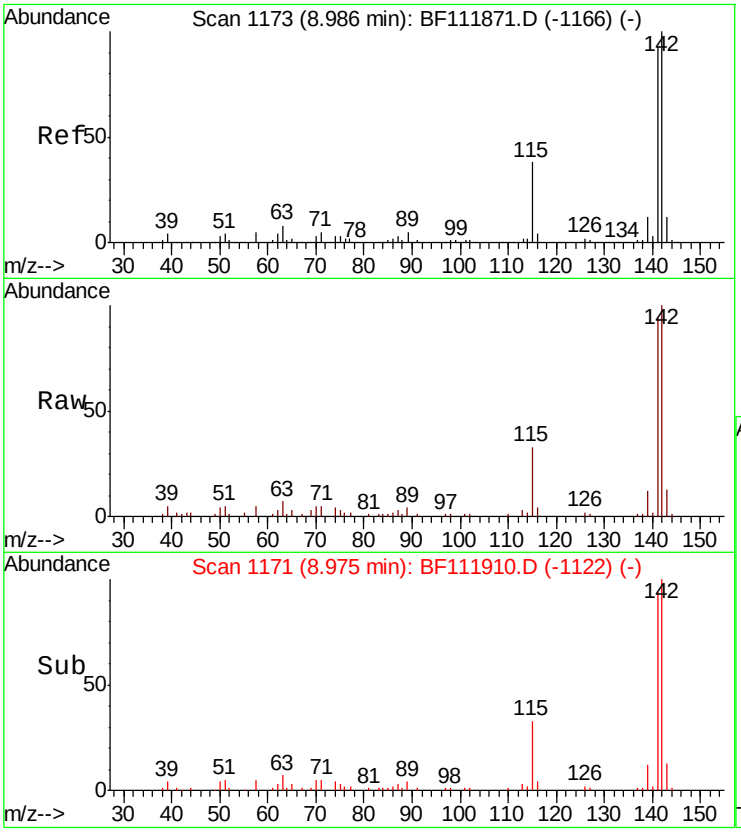


#37
2-Methylnaphthalene
Concen: 4.744 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Tgt Ion:142 Resp: 68300

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	33.6	28.3	42.5



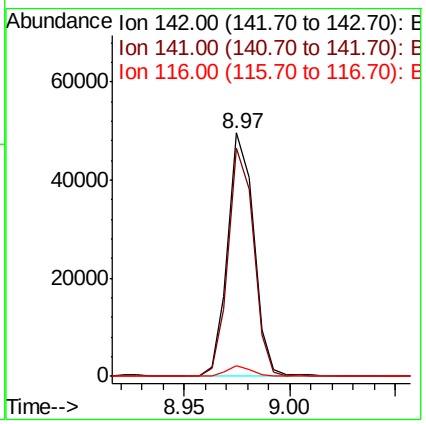


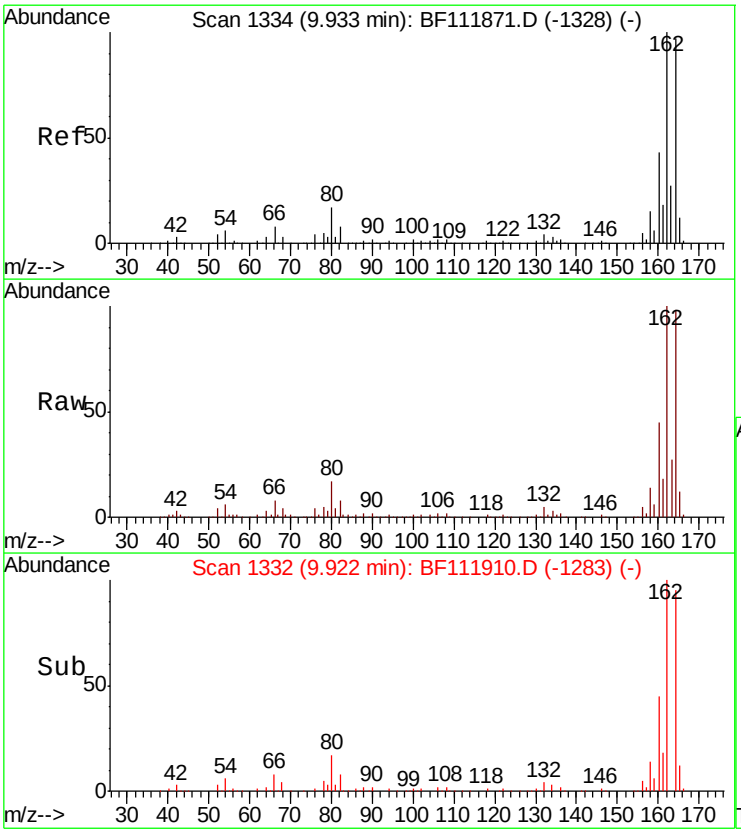
#38
1-Methylnaphthalene
Concen: 3.065 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 42328

Ion	Ratio	Lower	Upper
142	100		
141	93.6	74.8	112.2
116	4.1	3.1	4.7

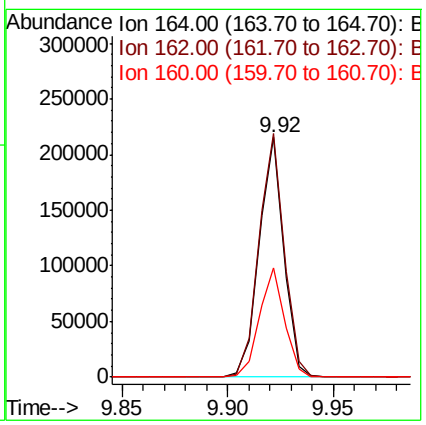


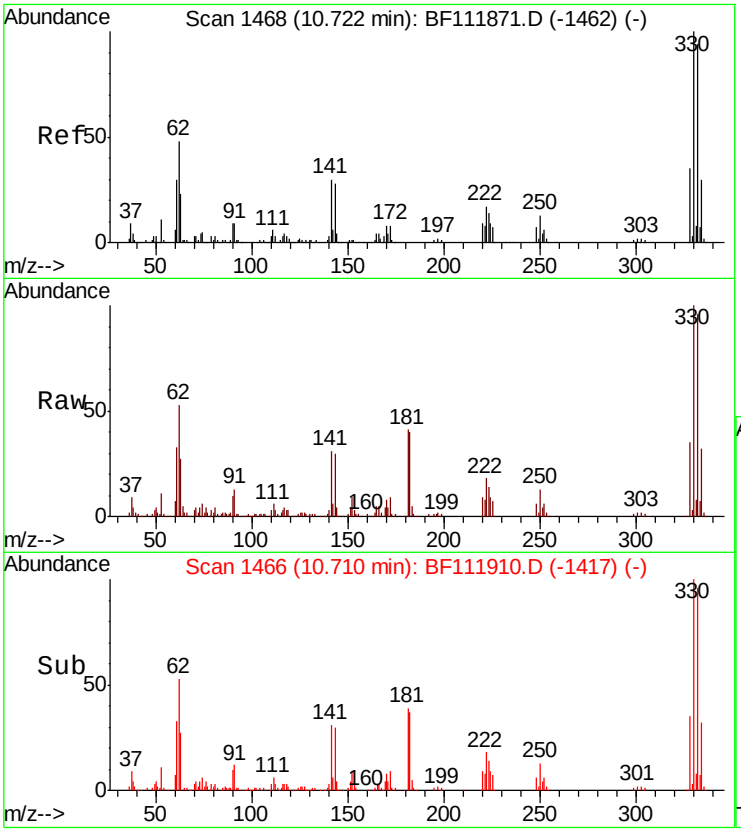


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Tgt Ion:164 Resp: 176042

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.2	123.2
160	45.7	35.5	53.3



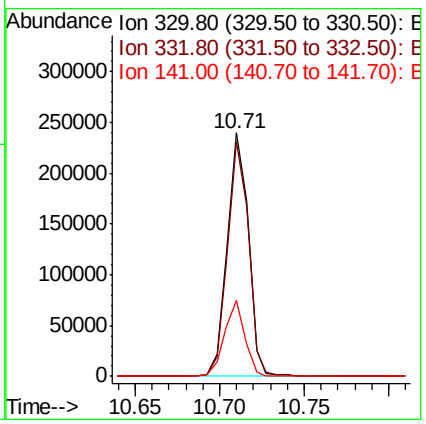


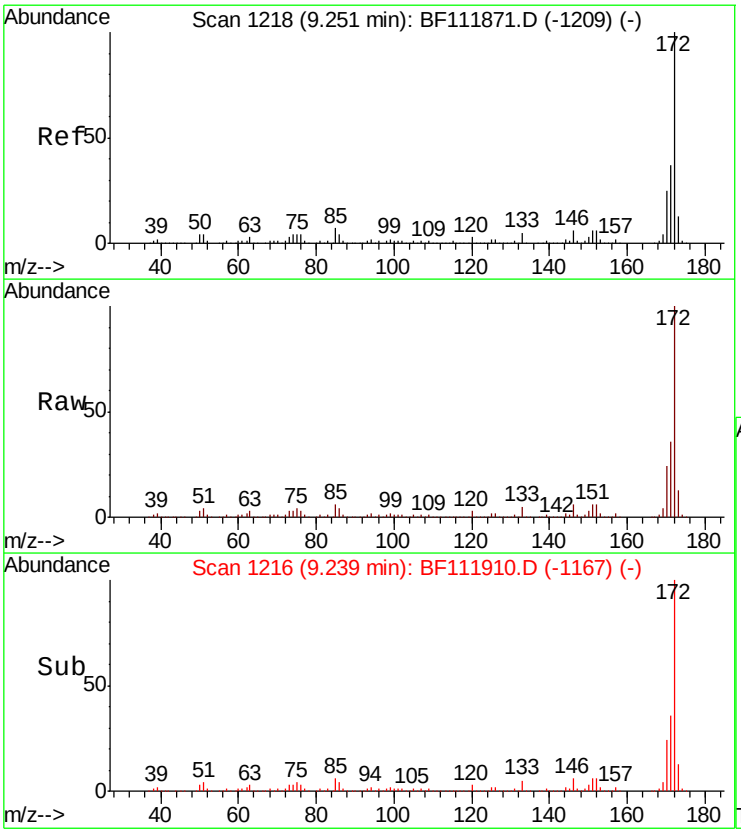
#42
2,4,6-Tribromophenol
Concen: 90.441 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 207089

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	30.5	23.7	35.5

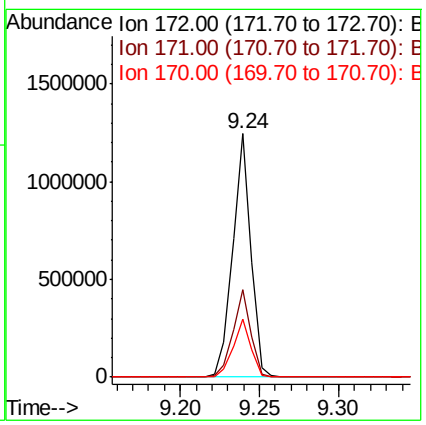


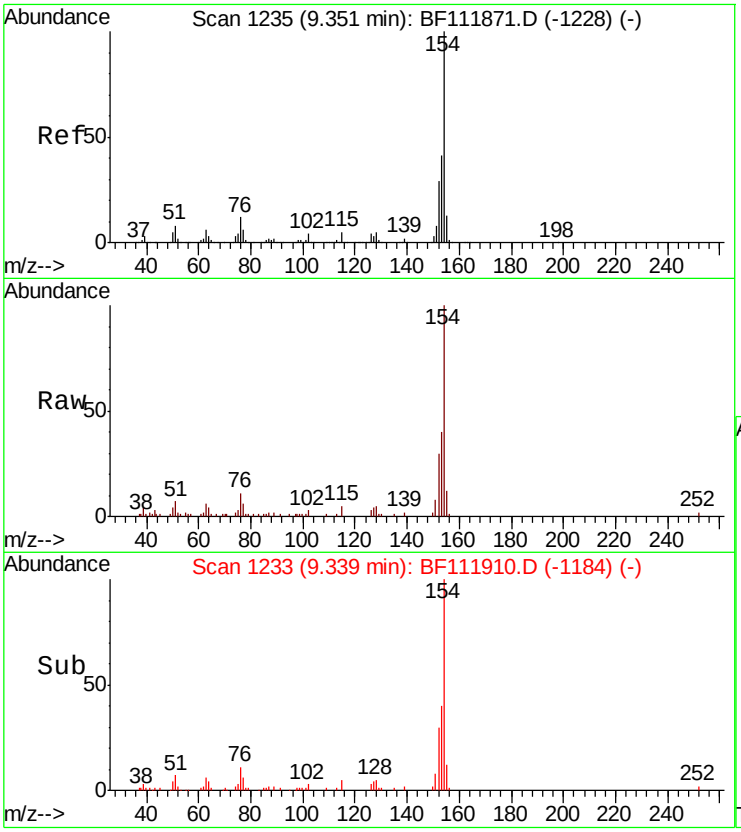


#45
2-Fluorobiphenyl
Concen: 82.102 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Tgt Ion:172 Resp: 991186

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.8	19.8	29.8



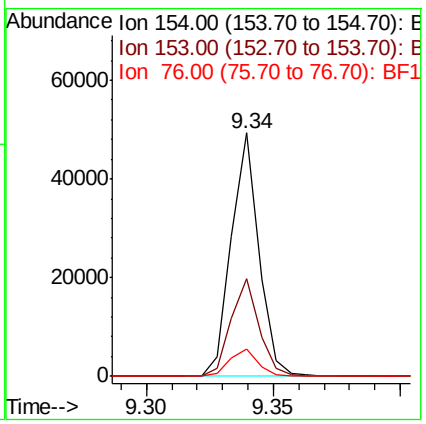


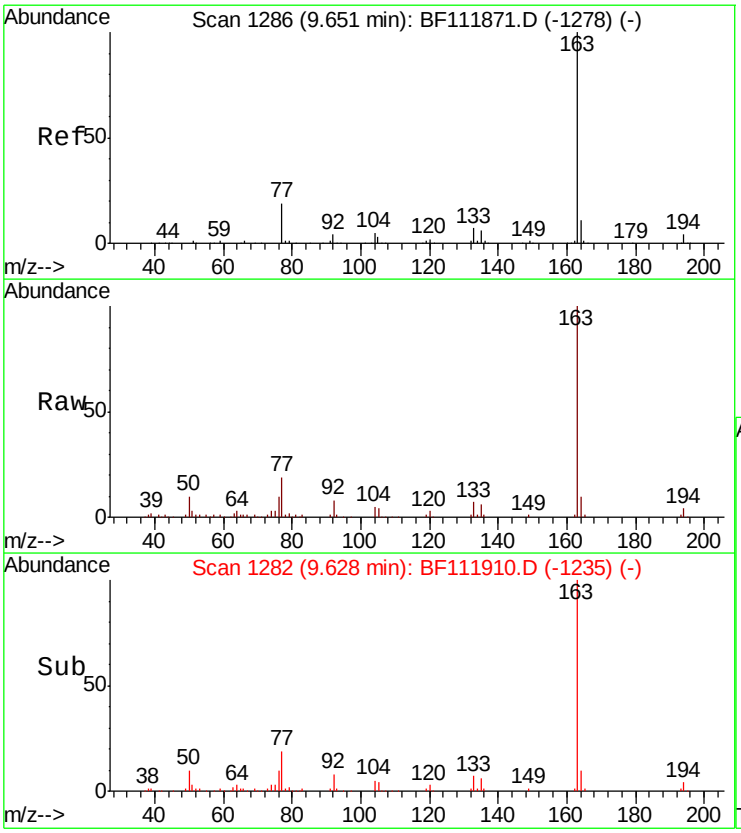
#46
1,1'-Biphenyl
Concen: 2.526 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 37203

Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.3	61.3
76	11.3	0.0	32.3

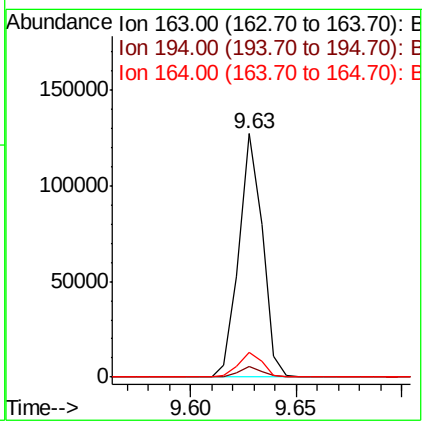


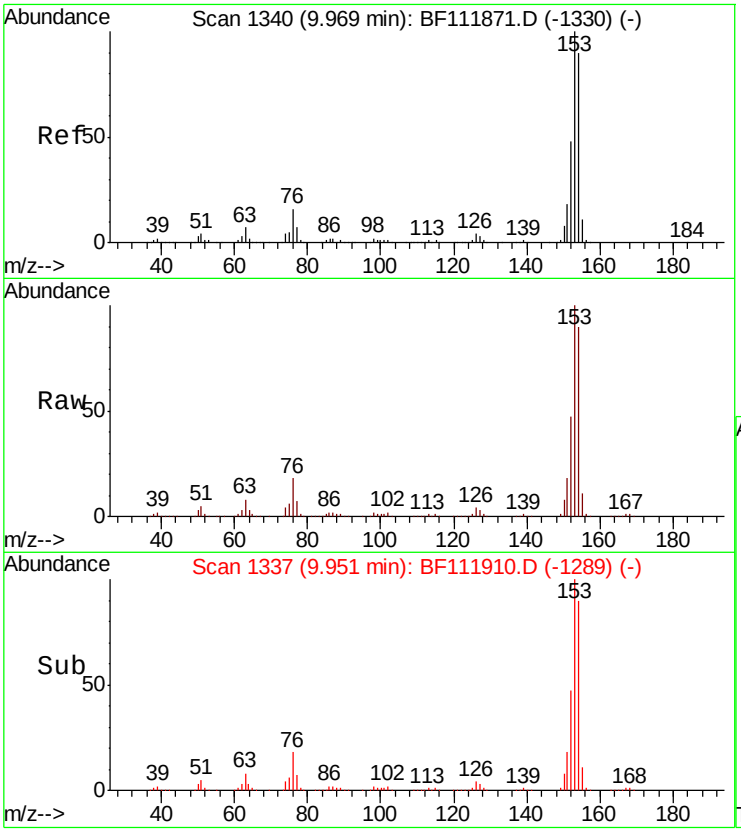


#50
Dimethylphthalate
Concen: 7.443 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Tgt Ion:163 Resp: 98426

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.3	8.5	12.7



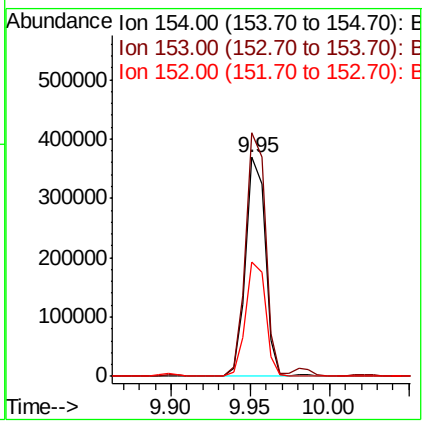


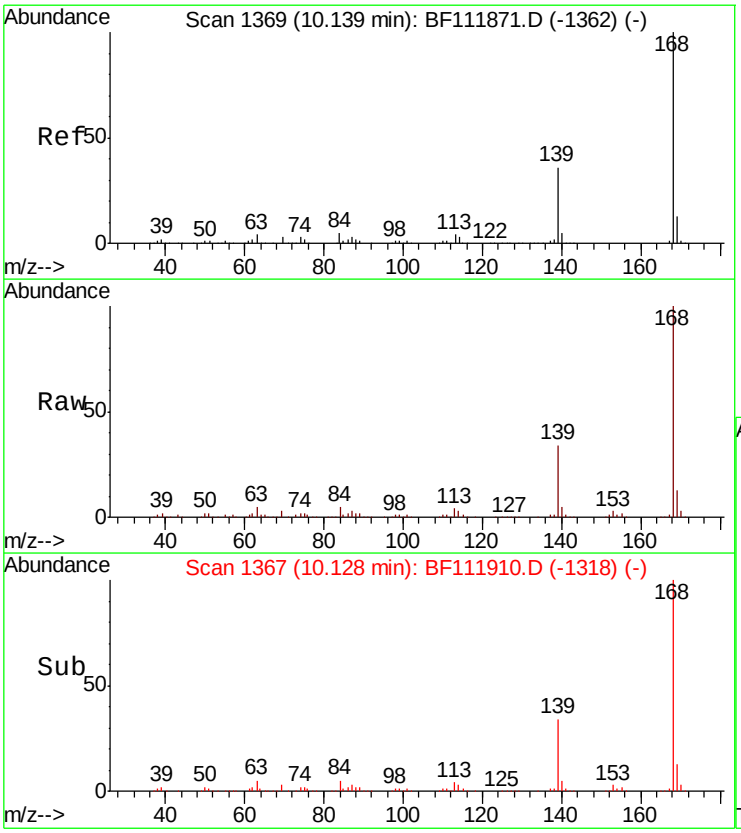
#52
Acenaphthene
Concen: 28.886 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 318189

Ion	Ratio	Lower	Upper
154	100		
153	111.1	89.4	134.0
152	52.3	43.1	64.7

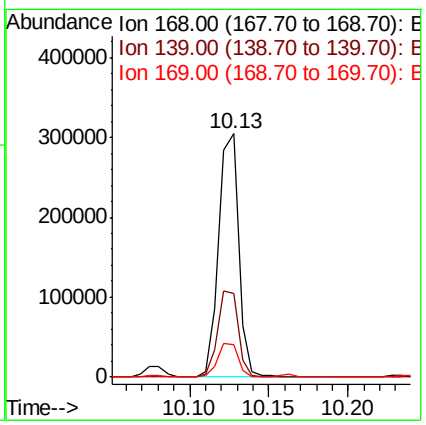


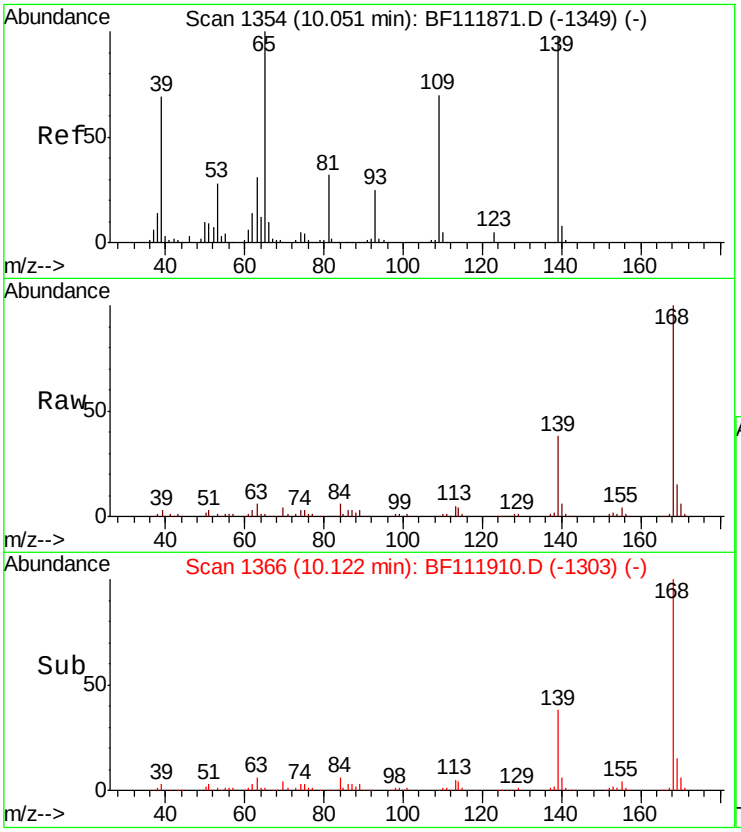


#55
Dibenzofuran
Concen: 16.729 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Tgt Ion:168 Resp: 268000

Ion	Ratio	Lower	Upper
168	100		
139	34.4	29.3	43.9
169	13.4	10.6	16.0



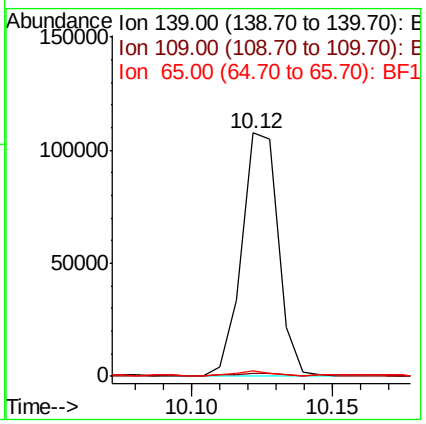


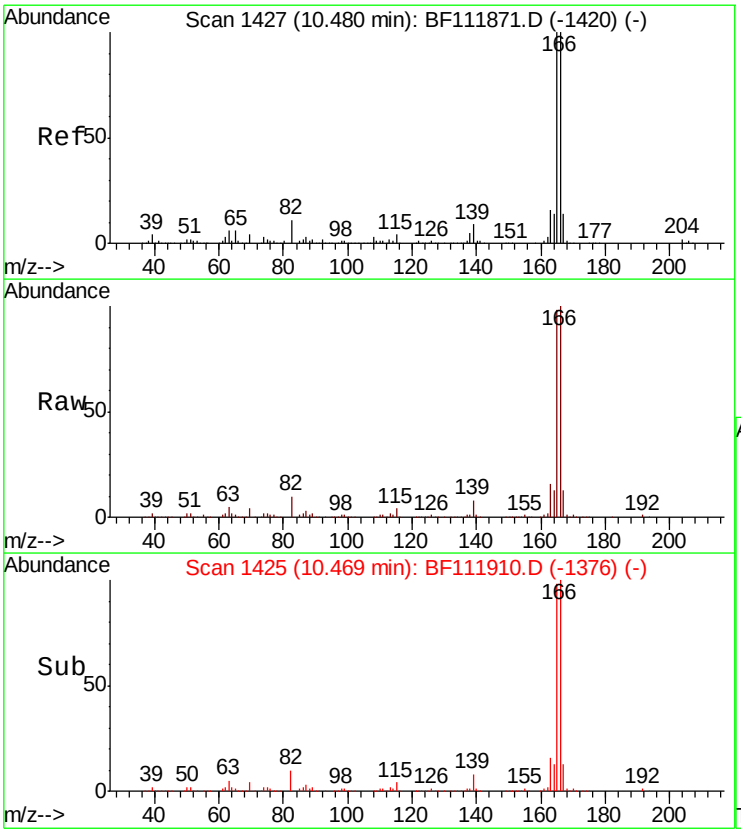
#56
4-Nitrophenol
Concen: 43.447 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.07 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 97222

Ion	Ratio	Lower	Upper
139	100		
109	1.2	52.2	92.2#
65	2.4	83.1	123.1#

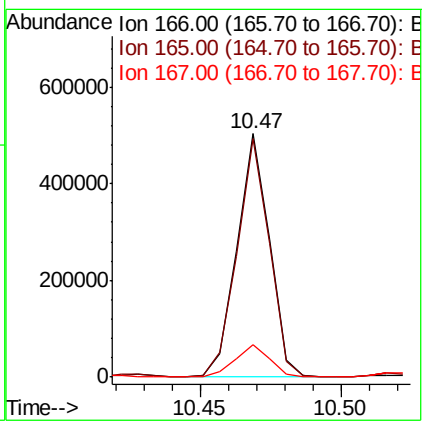


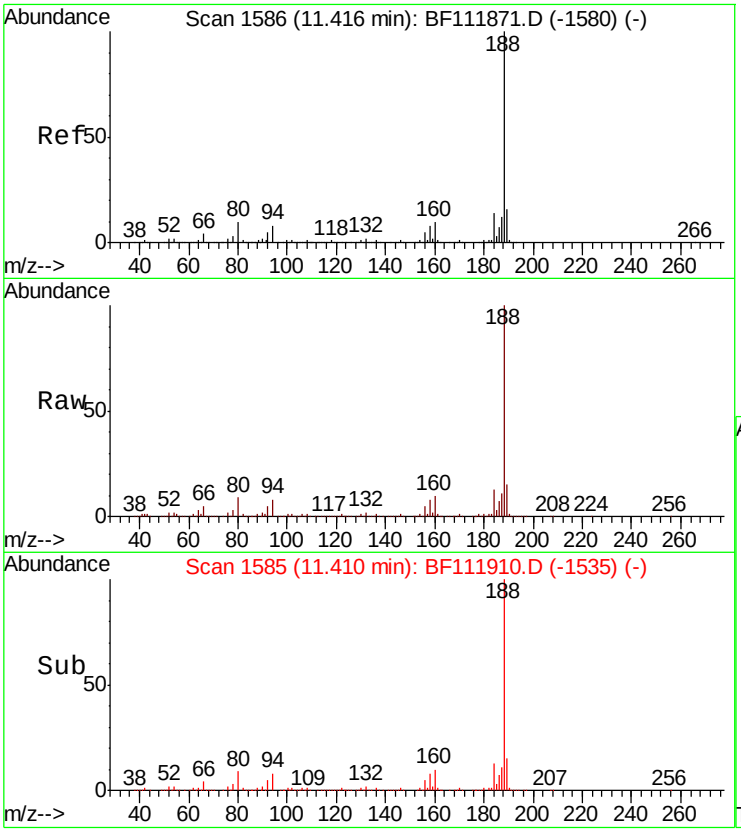


#58
Fluorene
Concen: 34.415 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Tgt Ion:166 Resp: 401166

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.7	119.5
167	13.1	11.1	16.7



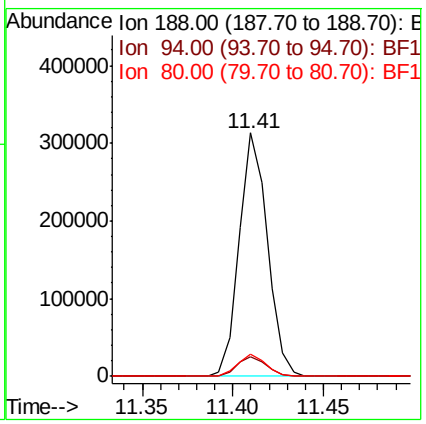


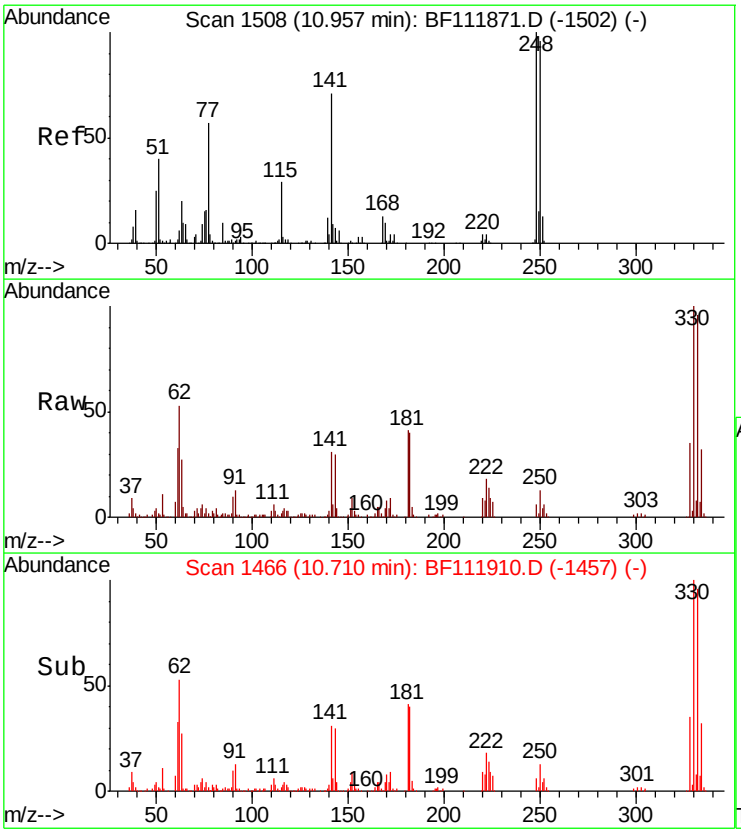
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 338919

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.6	10.0
80	9.2	7.7	11.5

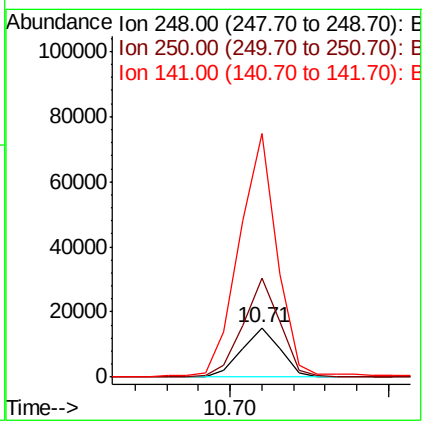


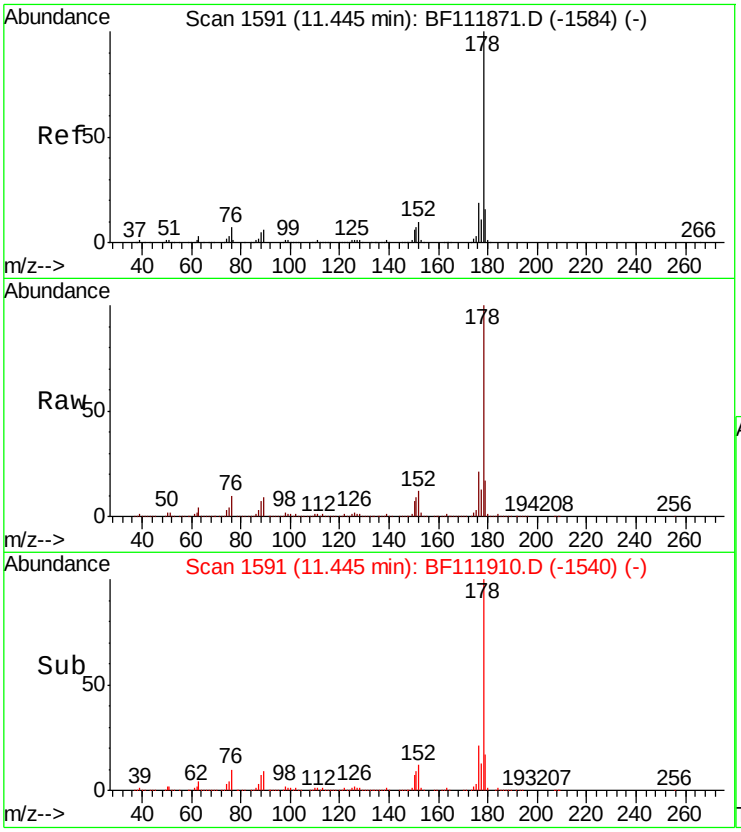


#67
4-Bromophenyl-phenylether
Concen: 2.907 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Tgt Ion:248 Resp: 12763

Ion	Ratio	Lower	Upper
248	100		
250	200.6	76.8	115.2#
141	491.2	57.0	85.6#



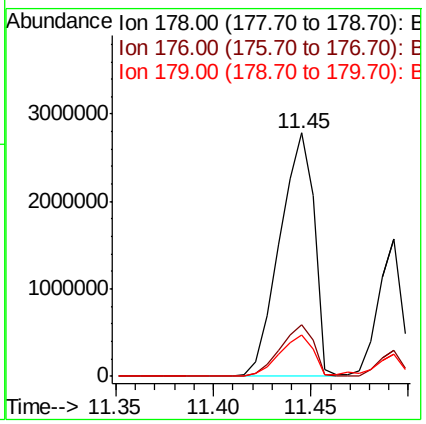


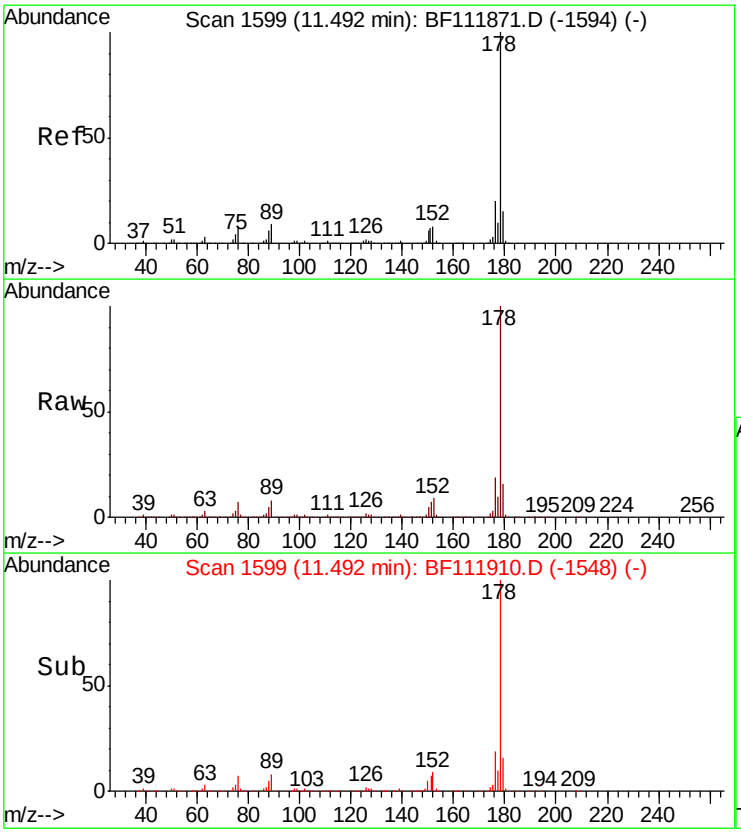
#71
Phenanthrene
Concen: 187.233 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 3392713

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.6	23.4
179	16.8	12.6	18.8

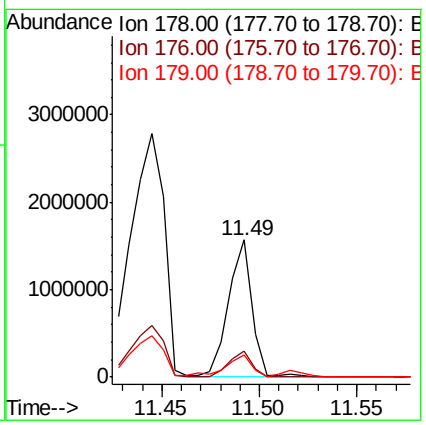


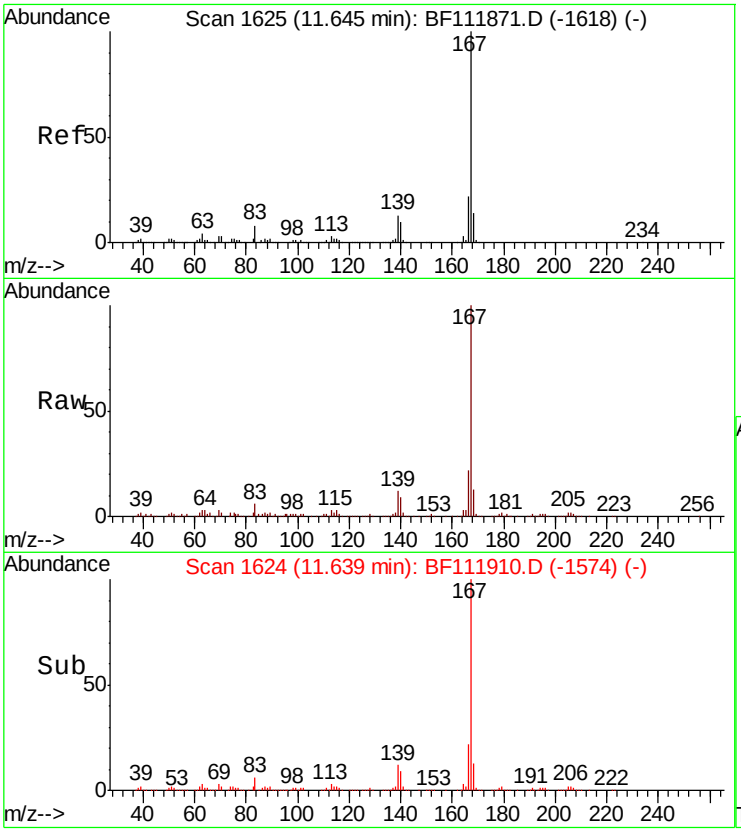


#72
Anthracene
Concen: 72.047 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Tgt Ion:178 Resp: 1325274

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	15.8	12.4	18.6



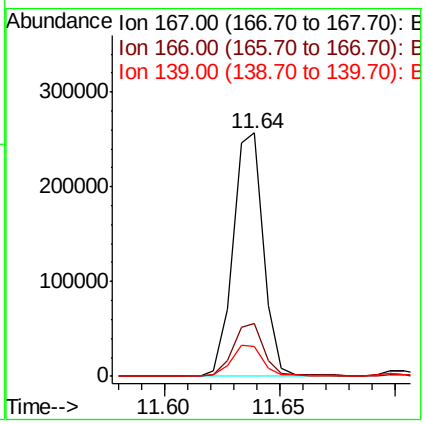


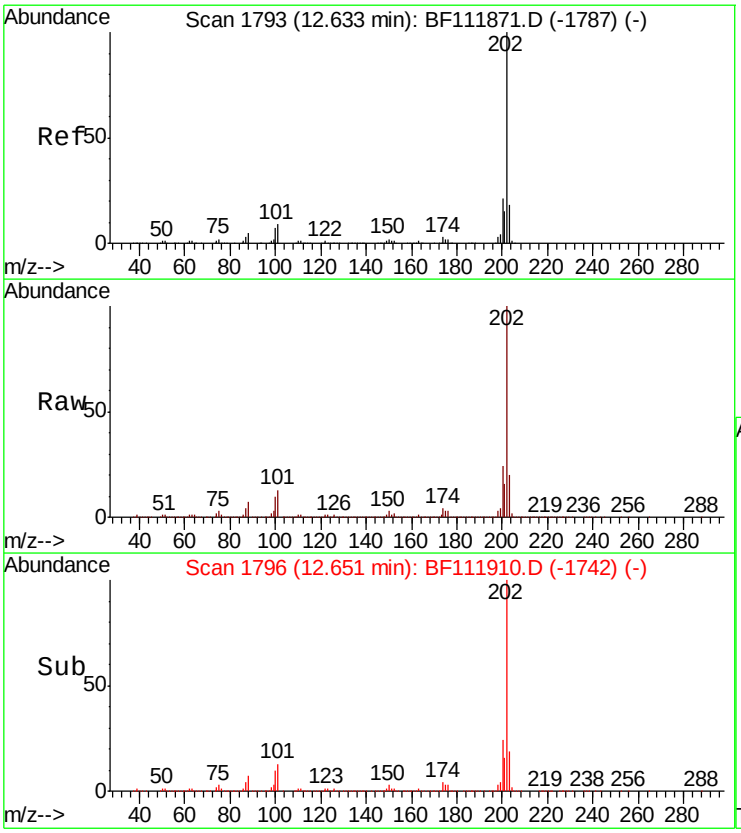
#73
Carbazole
Concen: 13.141 ng
RT: 11.64 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 235123

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.6
139	12.4	10.6	16.0

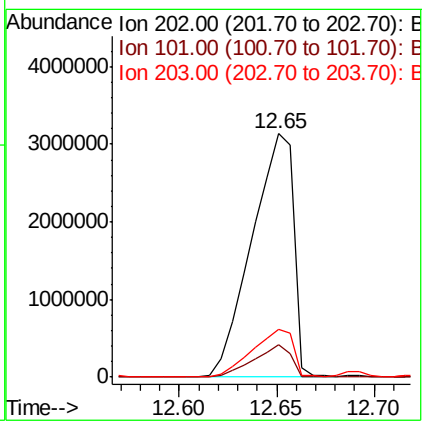


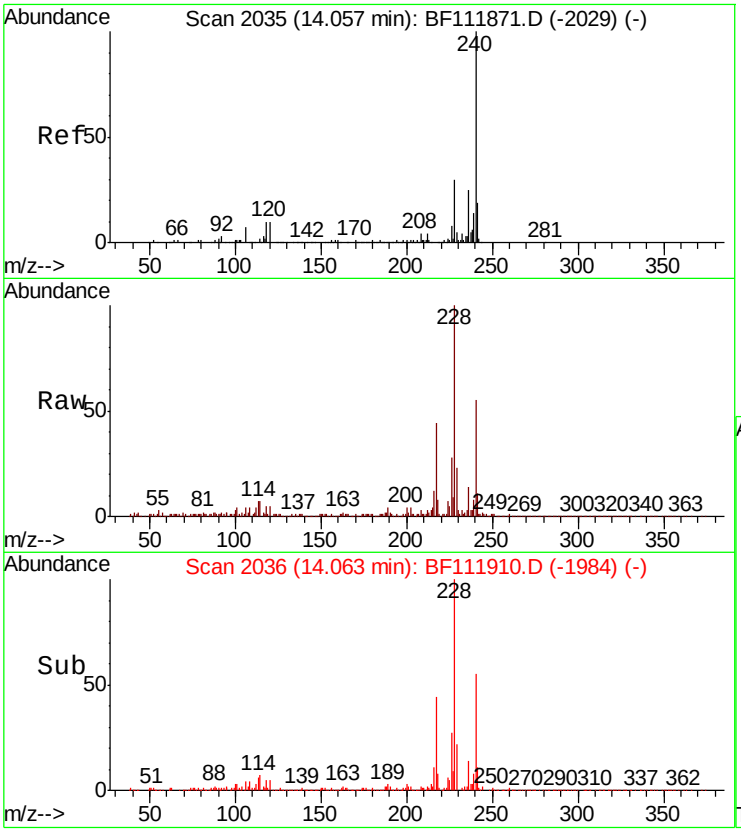


#75
Fluoranthene
Concen: 250.287 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.02 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Tgt Ion:202 Resp: 4655863

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	29.3
203	19.5	0.0	37.6



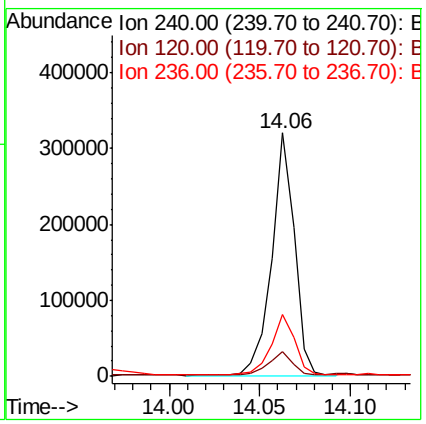


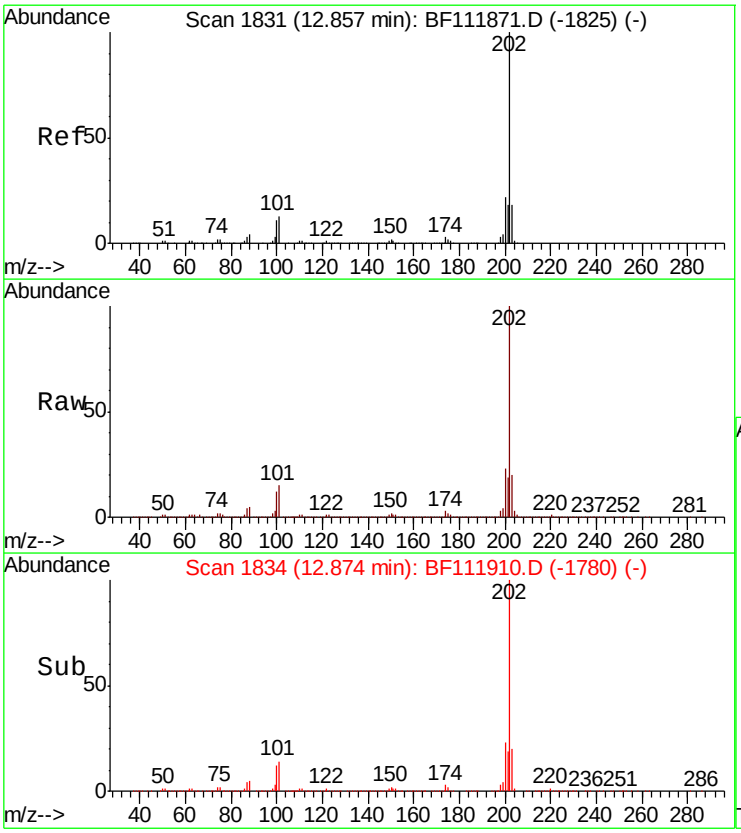
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 278655

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.2	12.2
236	25.4	20.2	30.4

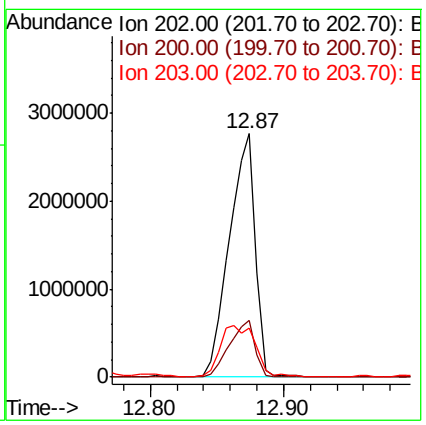


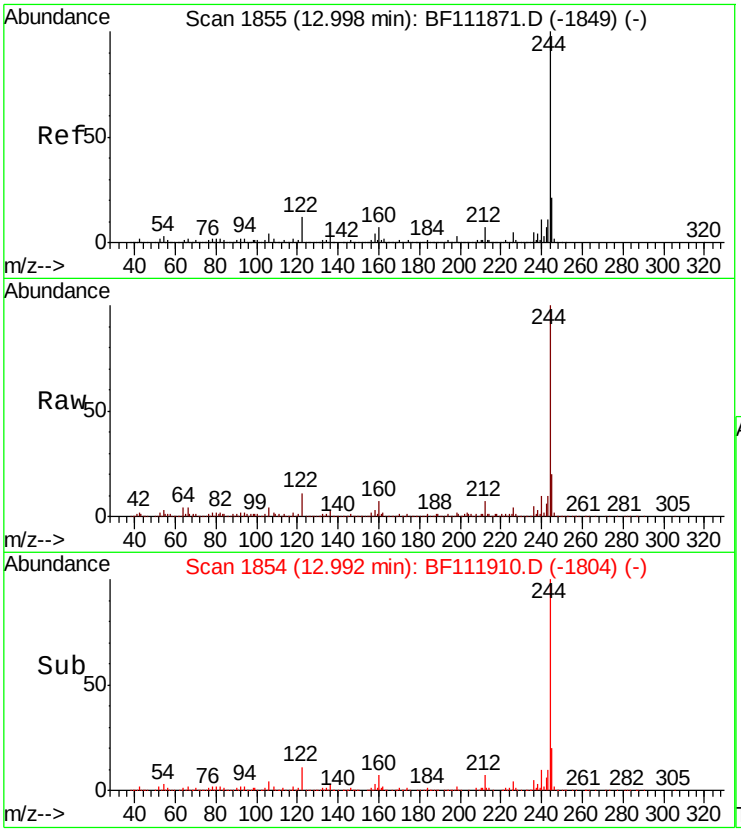


#78
Pyrene
Concen: 195.907 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.02 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Tgt Ion:202 Resp: 3756163

Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.4	26.2
203	20.2	14.6	21.8



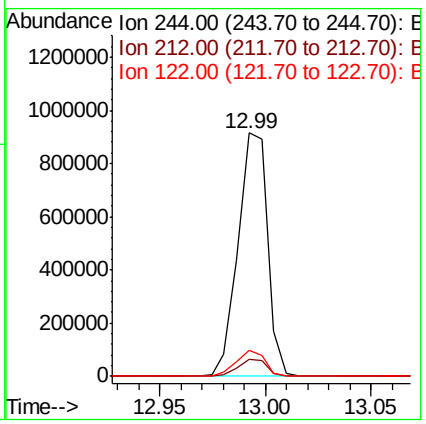


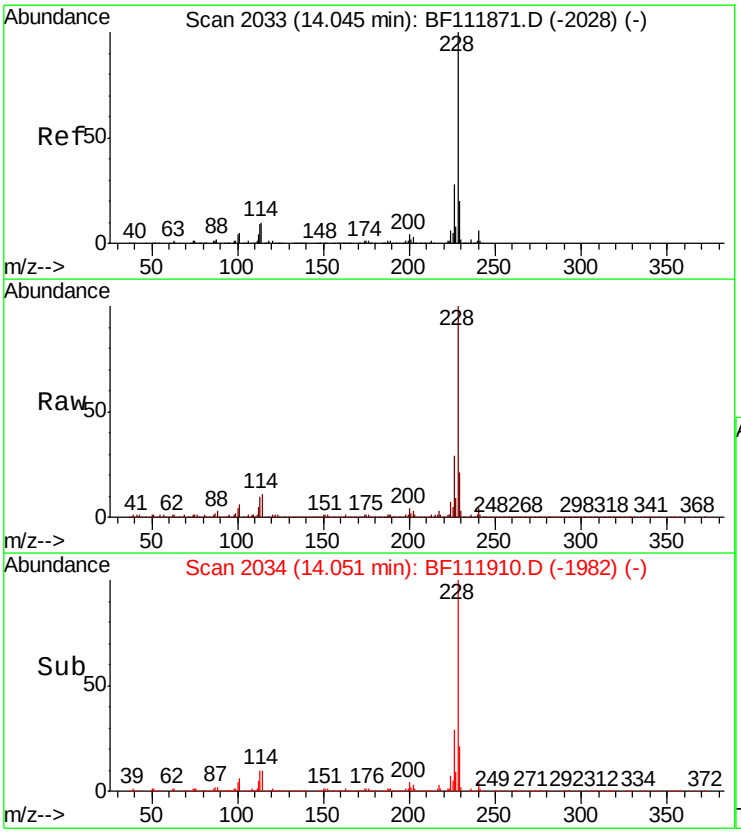
#79
Terphenyl-d14
Concen: 60.538 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 888685

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.9	9.5	14.3

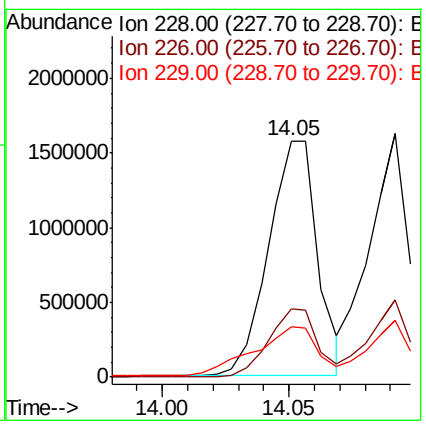


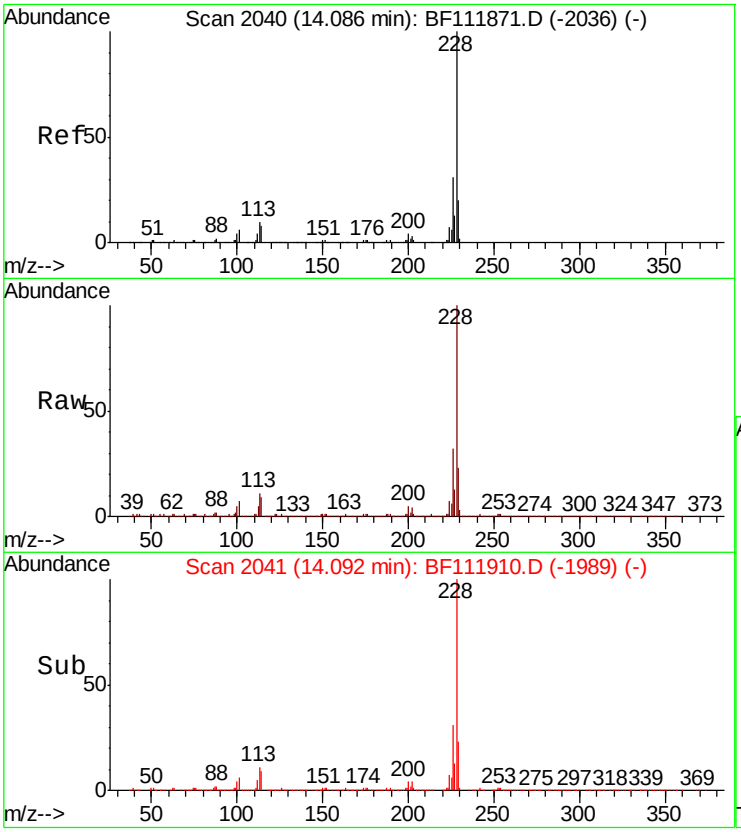


#81
Benzo(a)anthracene
Concen: 132.616 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Tgt Ion:228 Resp: 2126772

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.2	33.2
229	21.4	16.2	24.2



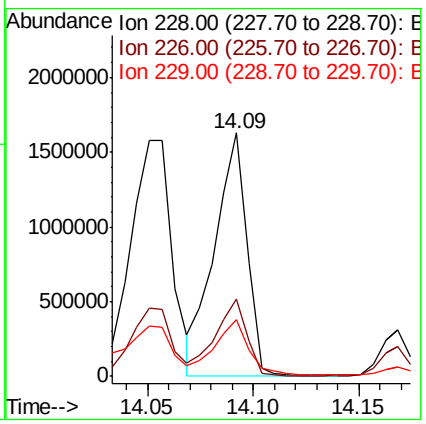


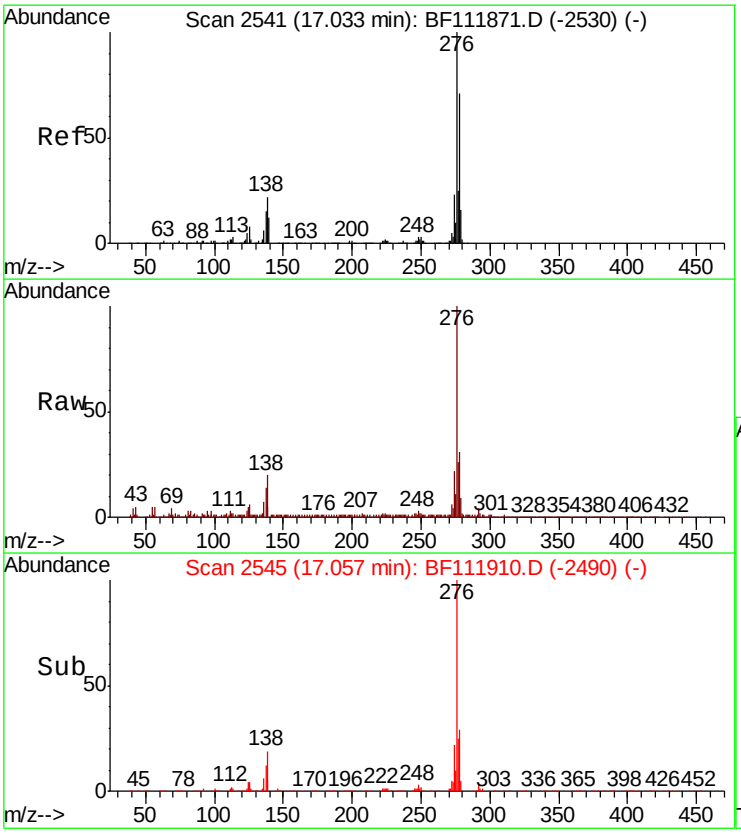
#83
Chrysene
Concen: 111.728 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1708424

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.6	37.0
229	23.3	15.7	23.5

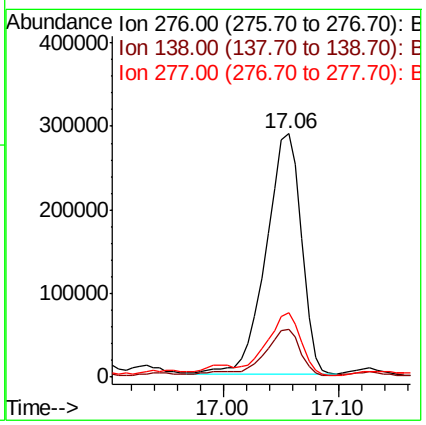


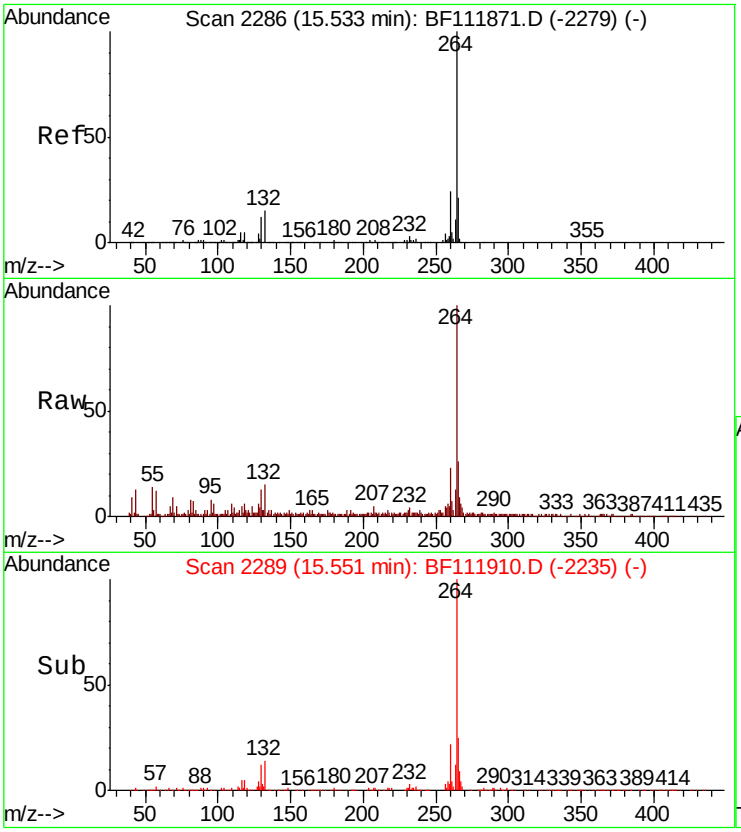


#86
Indeno(1,2,3-cd)pyrene
Concen: 55.365 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.02 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Tgt Ion:276 Resp: 617185

Ion	Ratio	Lower	Upper
276	100		
138	19.8	18.1	27.1
277	24.9	19.9	29.9



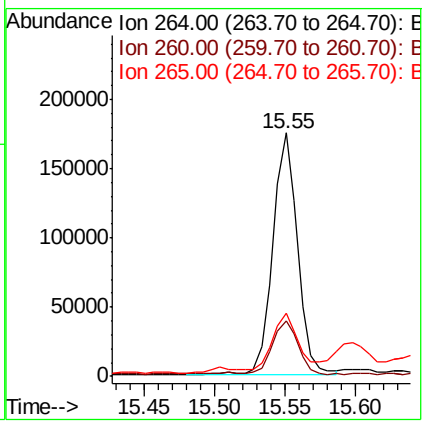


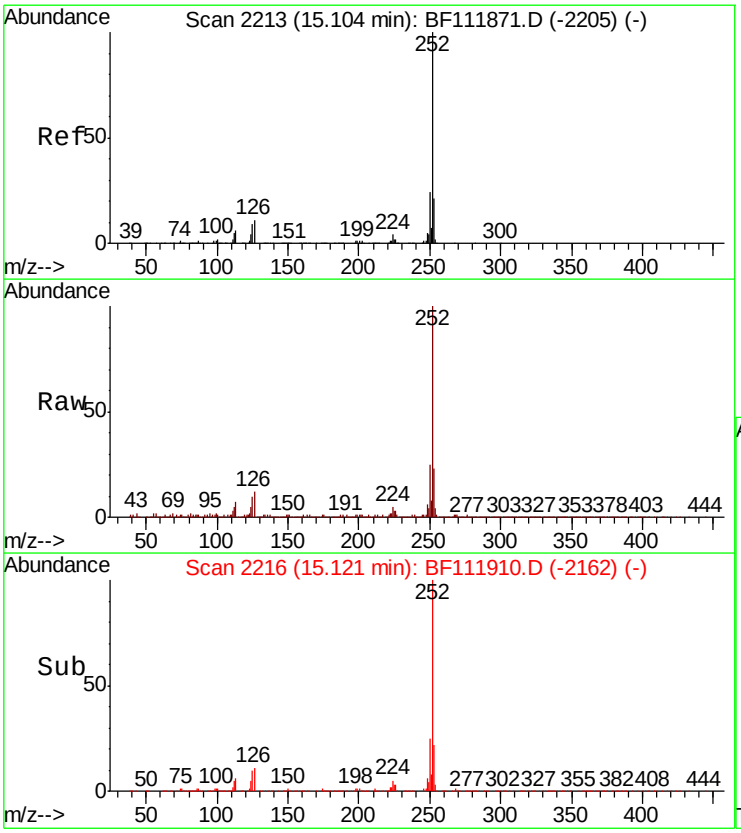
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.02 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 213916

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	26.0	17.1	25.7#

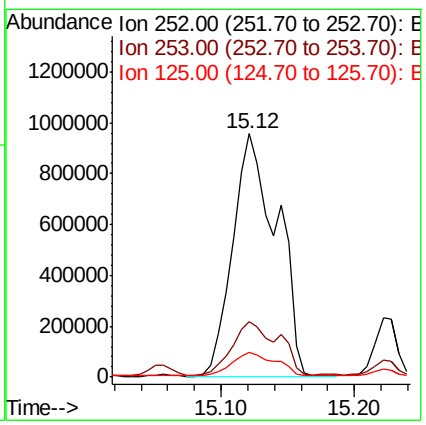


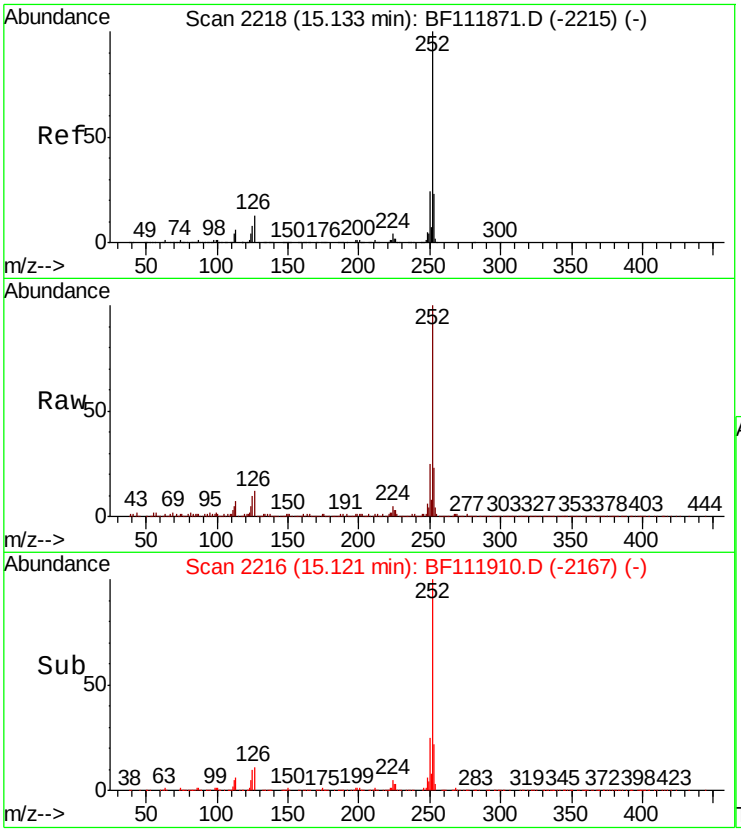


#88
Benzo(b)fluoranthene
Concen: 171.728 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.02 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Tgt Ion:252 Resp: 2197481

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	10.1	7.1	10.7



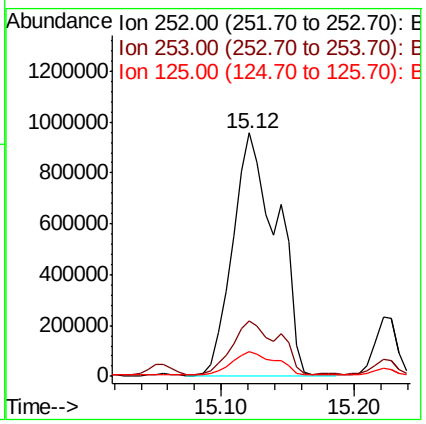


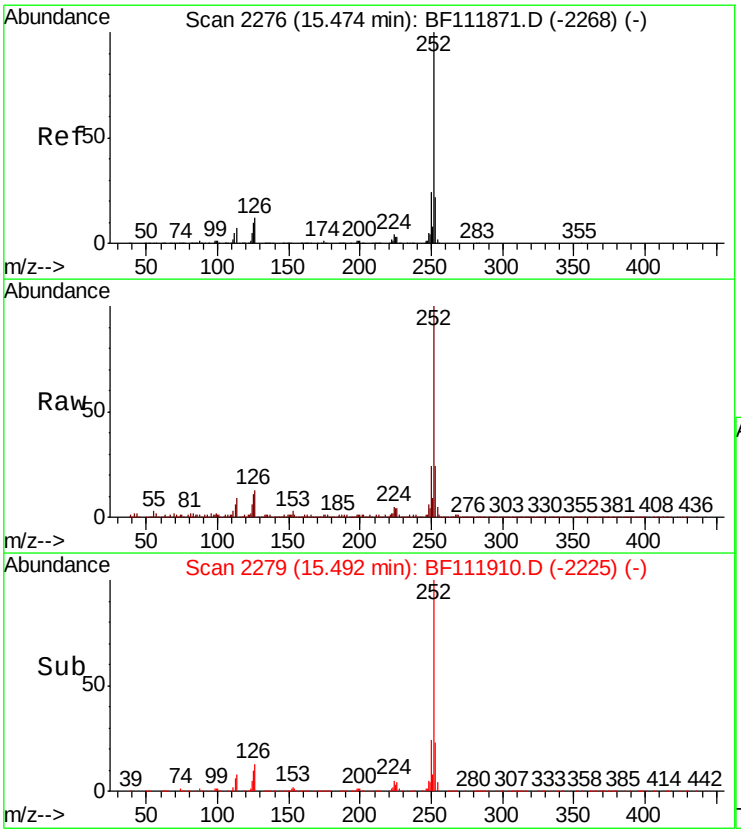
#89
Benzo(k)fluoranthene
Concen: 182.692 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 2197481

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	10.1	7.0	10.4

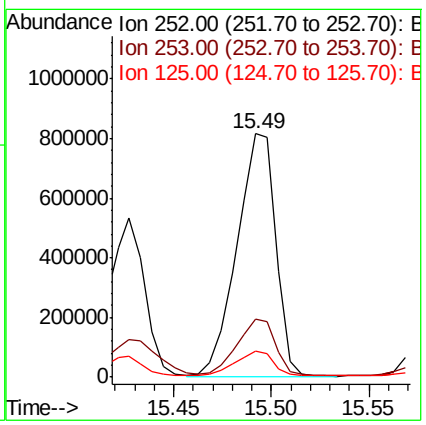


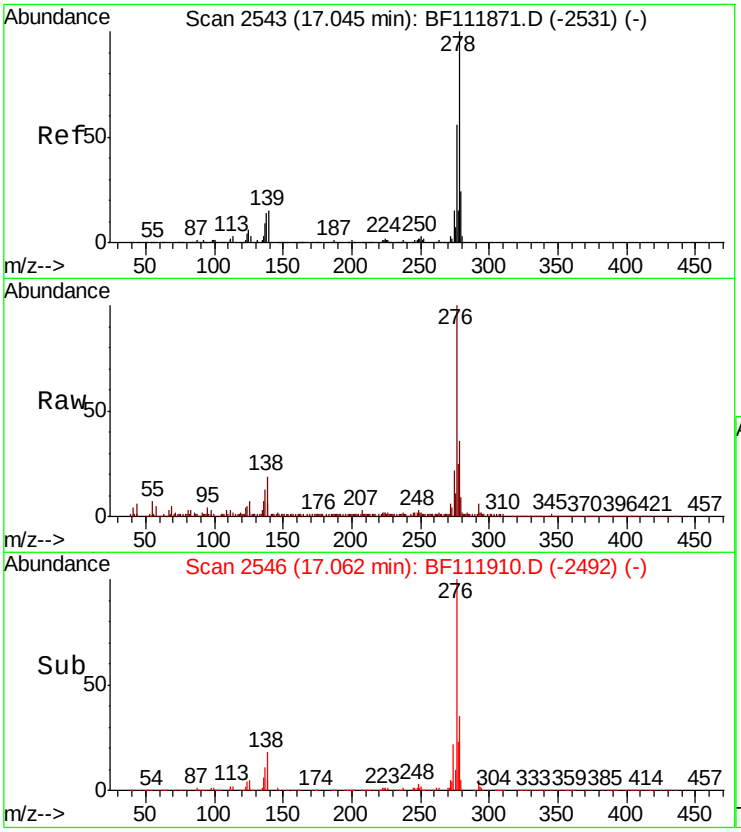


#90
Benzo(a)pyrene
Concen: 99.112 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Tgt Ion:252 Resp: 1115148

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.2
125	10.9	7.9	11.9



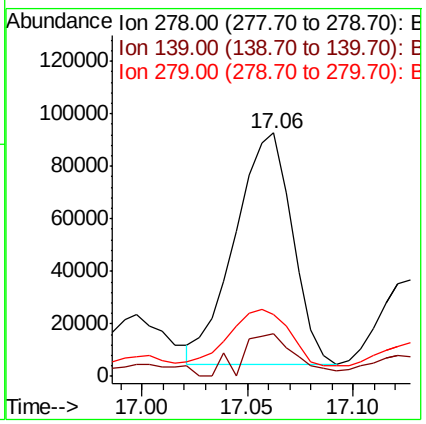


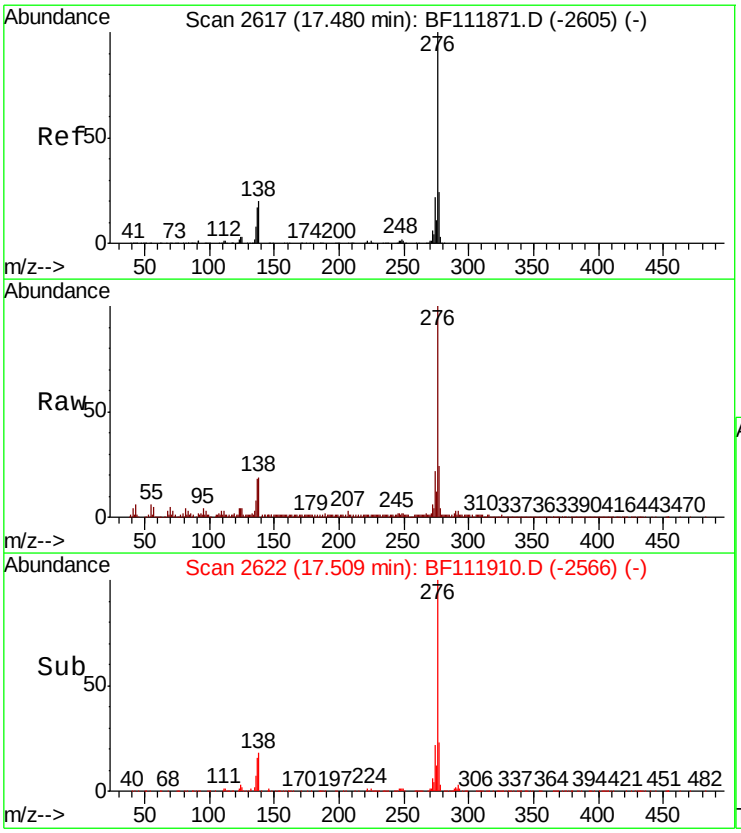
#91
Dibenzo(a,h)anthracene
Concen: 18.358 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.02 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 166126

Ion	Ratio	Lower	Upper
278	100		
139	17.4	11.8	17.6
279	25.4	19.4	29.2





#92
Benzo(g,h,i)perylene
Concen: 59.771 ng
RT: 17.51 min Scan# 2622
Delta R.T. 0.03 min
Lab File: BF111910.D
Acq: 8 Jan 2019 16:41

Tgt Ion:276 Resp: 529040

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.6
138	19.1	16.2	24.2