Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111895.D
Acq On : 7 Jan 2019 23:47
Operator : JU/SJ
Sample : K1010-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 08 04:07:30 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	120482	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	485395	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	206423	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	326542	20.00	ng		0.00
76) Chrysene-d12	14.06	240	384697	20.00	ng		0.00
87) Perylene-d12	15.54	264	345711	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	339086	48.15	ng		0.00
7) Phenol-d6	6.53	99	353256	38.92	ng		0.00
23) Nitrobenzene-d5	7.45	82	224110	24.68	ng		-0.01
42) 2,4,6-Tribromophenol	10.72	330	90236	33.61	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	425564	30.06	ng		0.00
79) Terphenyl-d14	12.99	244	406516	20.06	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	281	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.45	70	29509	5.004	ng	#	76
25) Isophorone	7.45	82	224106	15.238	ng	#	65
31) Naphthalene	8.19	128	56074	2.434	ng		96
37) 2-Methylnaphthalene	8.88	142	28734	2.013	ng		92
49) Acenaphthylene	9.79	152	52721	2.631	ng		97
50) Dimethylphthalate	9.63	163	35731	2.304	ng		98
51) 2,6-Dinitrotoluene	9.93	165	28694	8.275	ng	#	27
52) Acenaphthene	9.96	154	110841	8.582	ng		99
55) Dibenzofuran	10.13	168	65135	3.468	ng		96
56) 4-Nitrophenol	10.13	139	23842	9.087	ng	#	8
58) Fluorene	10.47	166	113125	8.276	ng		97
71) Phenanthrene	11.44	178	1030938	59.051	ng		100
72) Anthracene	11.49	178	318653	17.980	ng		98
73) Carbazole	11.64	167	142242	8.251	ng		97
75) Fluoranthene	12.64	202	2689683	150.071	ng		95
78) Pyrene	12.87	202	2386571	90.163	ng		98
81) Benzo(a)anthracene	14.05	228	1454486	65.695	ng		98
83) Chrysene	14.09	228	1219964	57.791	ng		97
86) Indeno(1,2,3-cd)pyrene	17.04	276	667068	43.345	ng		95
88) Benzo(b)fluoranthene	15.12	252	2125077	102.759	ng	#	96
89) Benzo(k)fluoranthene	15.12	252	2125077	109.320	ng	#	98
90) Benzo(a)pyrene	15.49	252	1147171	63.089	ng		98
91) Dibenzo(a,h)anthracene	17.05	278	151363	10.350	ng		98
92) Benzo(g,h,i)perylene	17.50	276	614541	42.962	ng		99

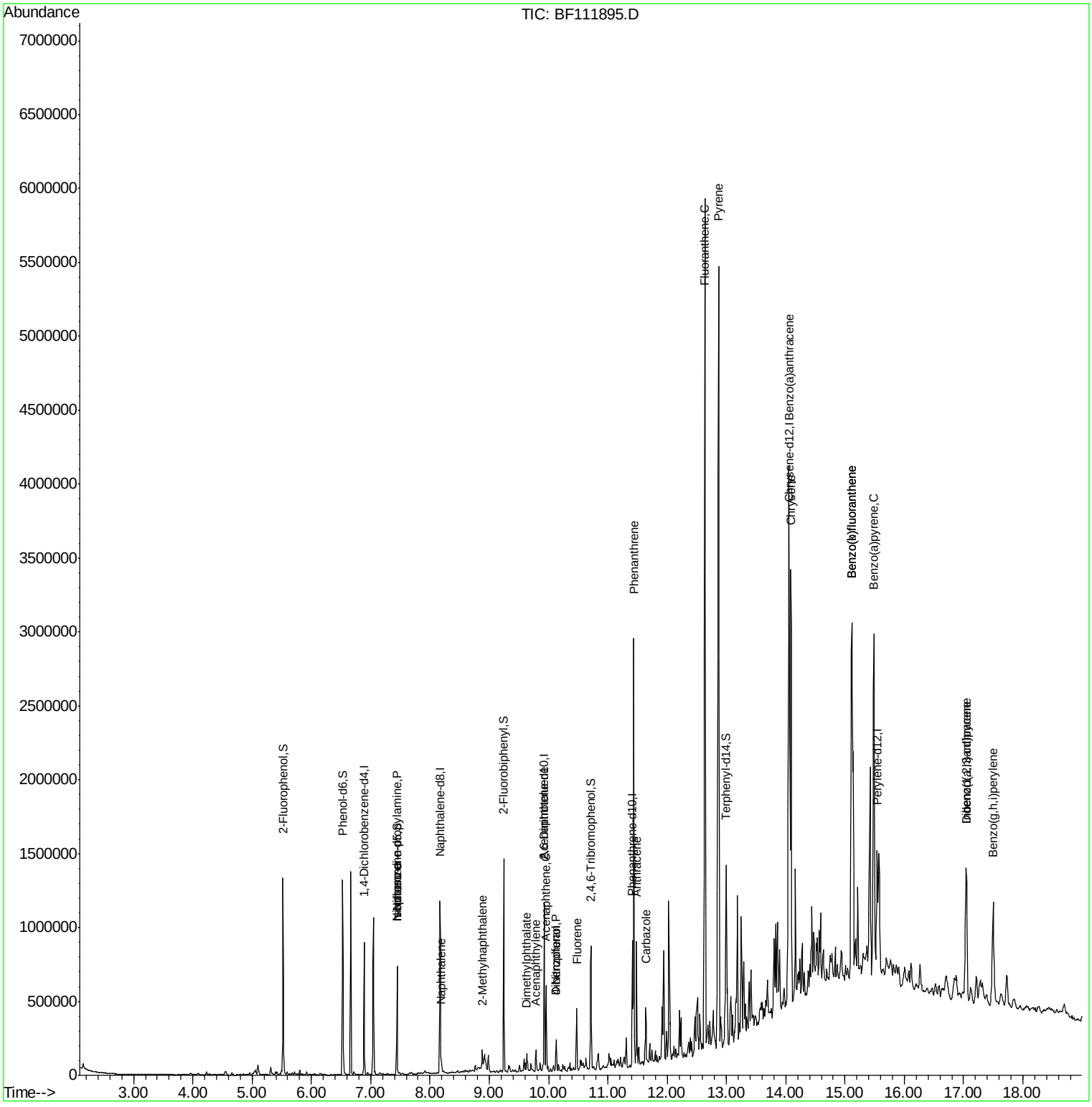
(#) = qualifier out of range (m) = manual integration (+) = signals summed

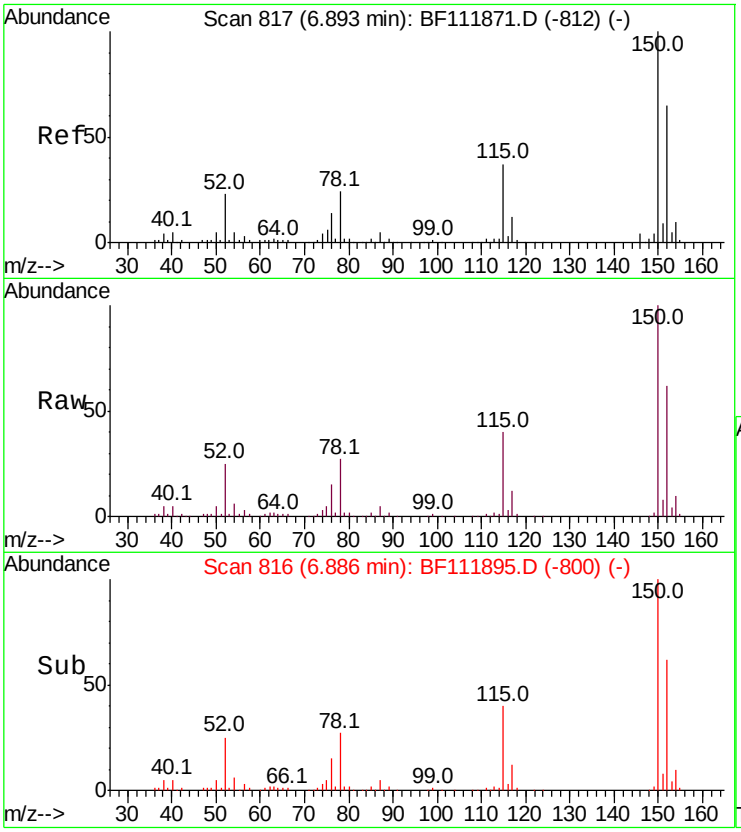
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111895.D
Acq On : 7 Jan 2019 23:47
Operator : JU/SJ
Sample : K1010-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 08 04:07:30 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



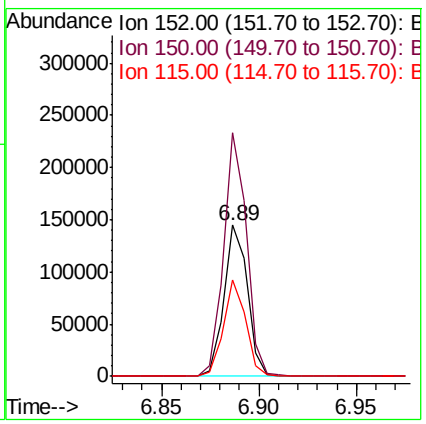


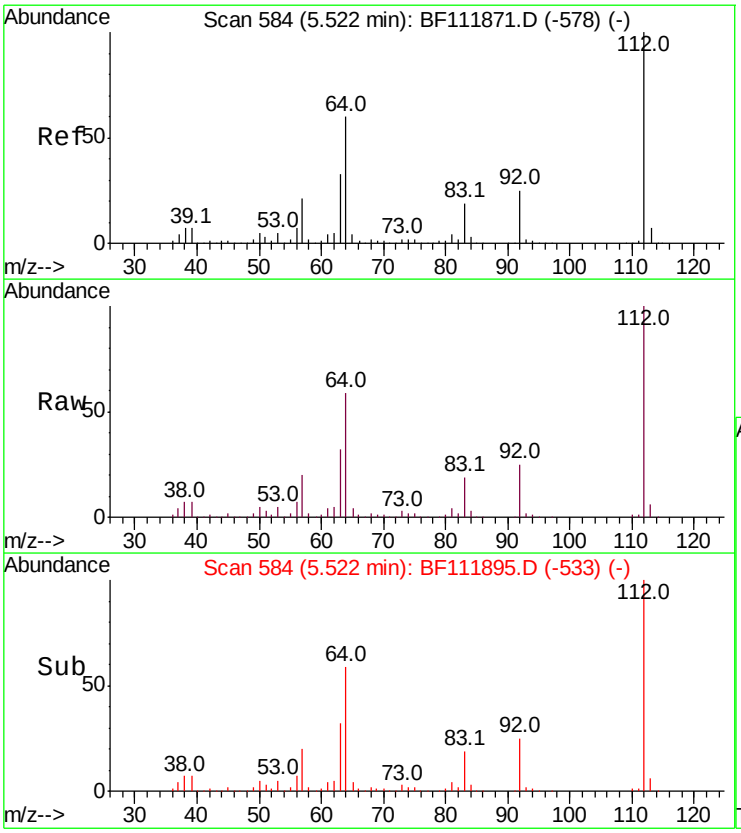
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 120482

Ion	Ratio	Lower	Upper
152	100		
150	161.4	122.7	184.1
115	63.8	45.2	67.8

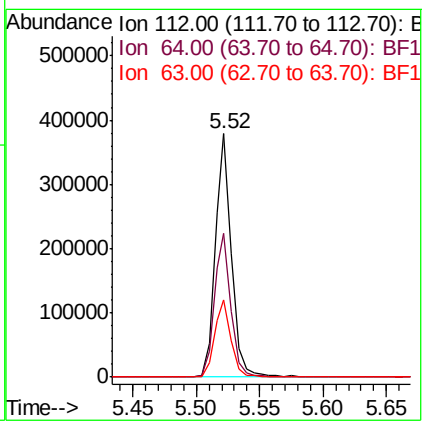


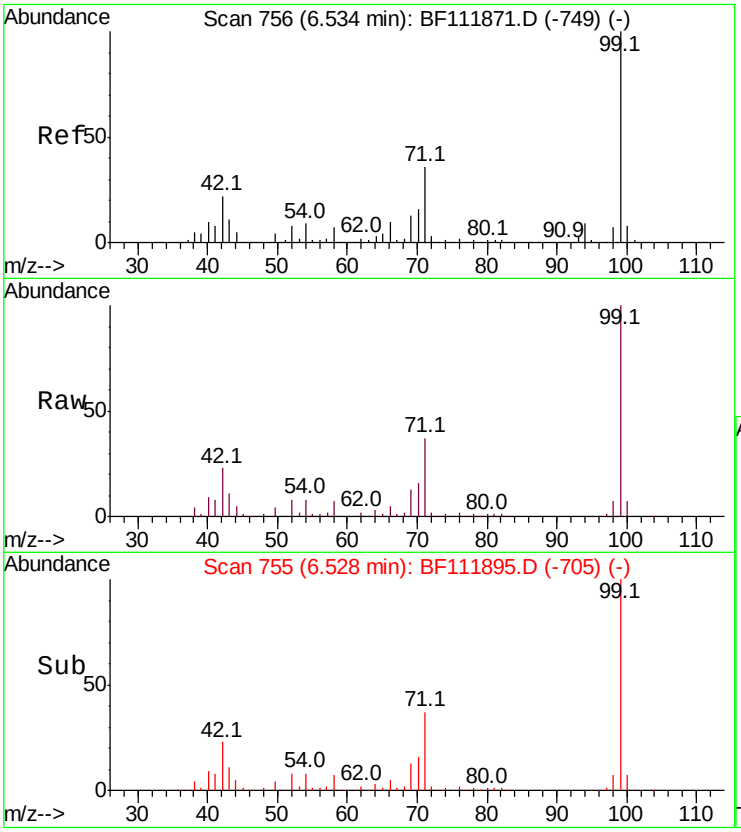


#5
2-Fluorophenol
Concen: 48.149 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Tgt Ion:112 Resp: 339086

Ion	Ratio	Lower	Upper
112	100		
64	59.0	48.3	72.5
63	31.5	26.1	39.1



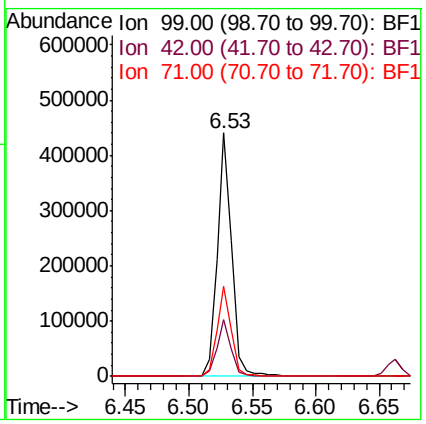


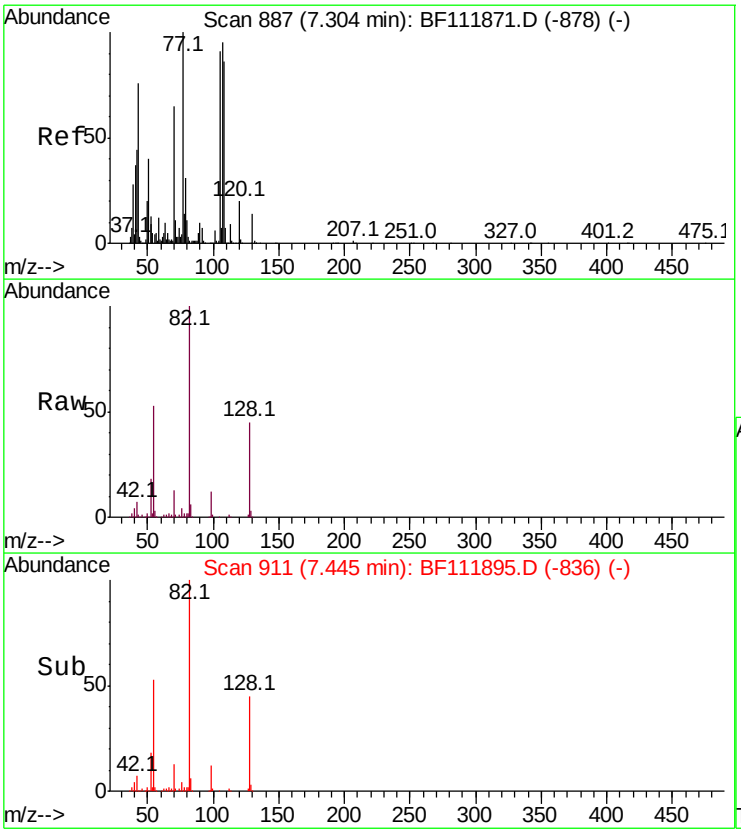
#7
Phenol-d6
Concen: 38.919 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 353256

Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.9	26.9
71	37.0	28.7	43.1

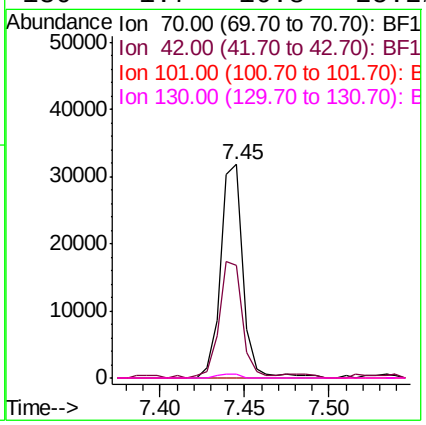


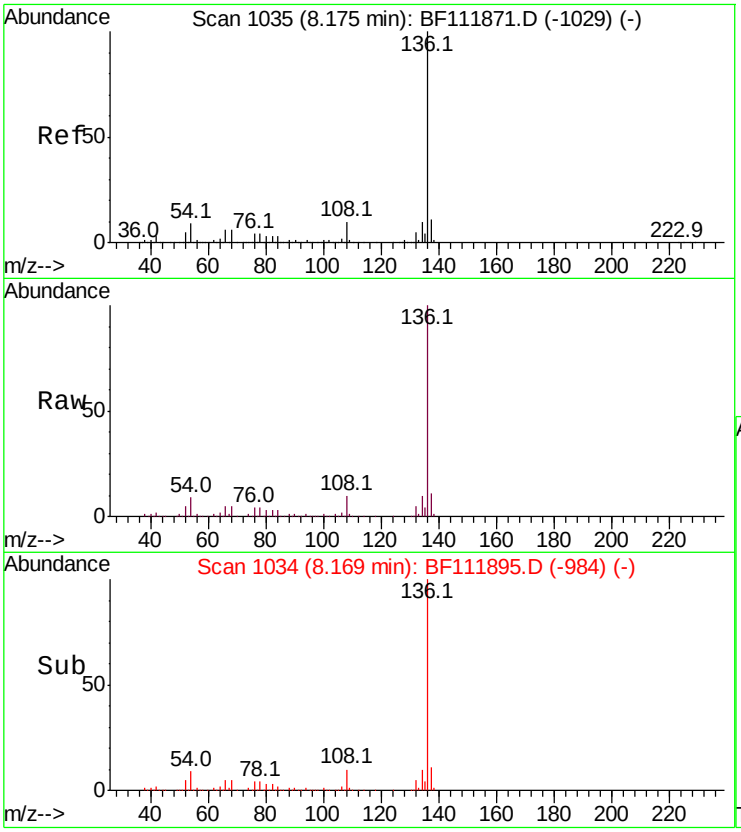


#19
n-Nitroso-di-n-propylamine
Concen: 5.004 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Tgt Ion: 70 Resp: 29509

Ion	Ratio	Lower	Upper
70	100		
42	52.7	53.6	80.4#
101	0.0	7.3	10.9#
130	1.7	16.8	25.2#



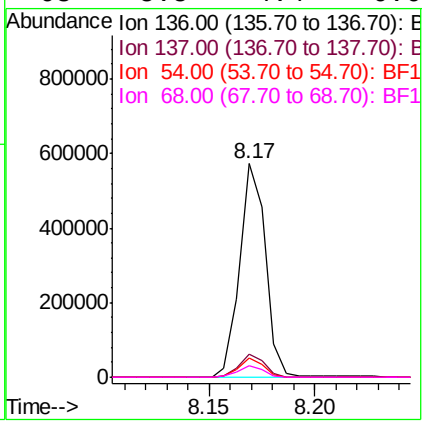


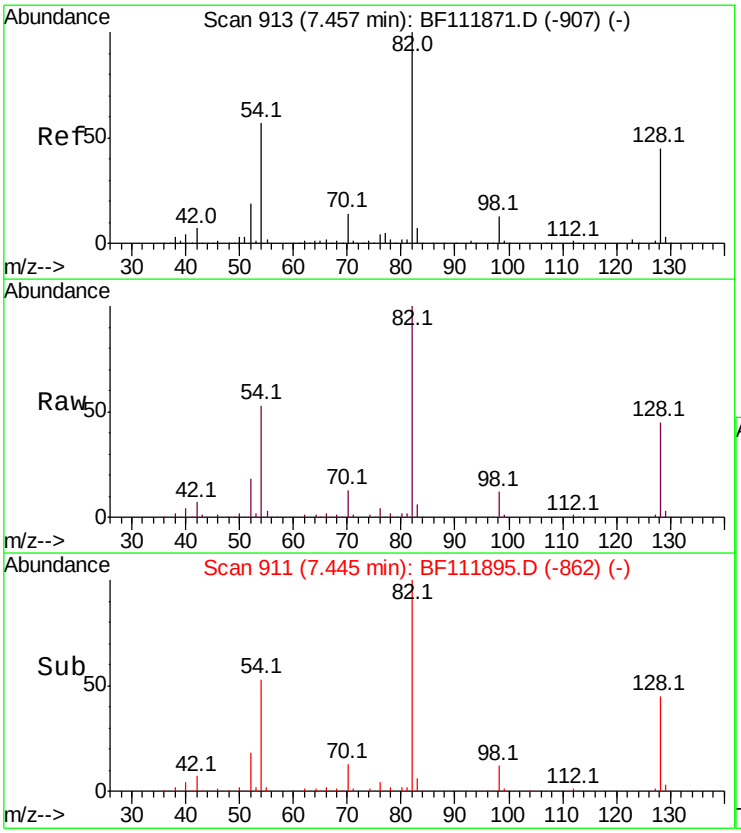
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 485395

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.8	7.2	10.8
68	5.5	4.4	6.6

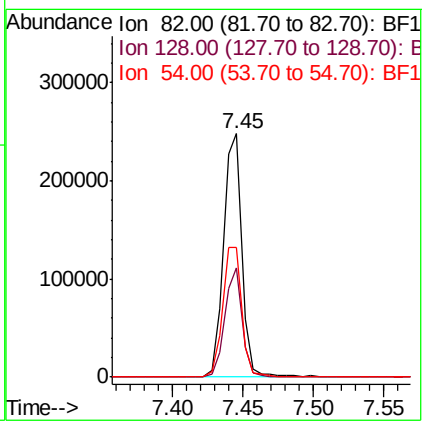


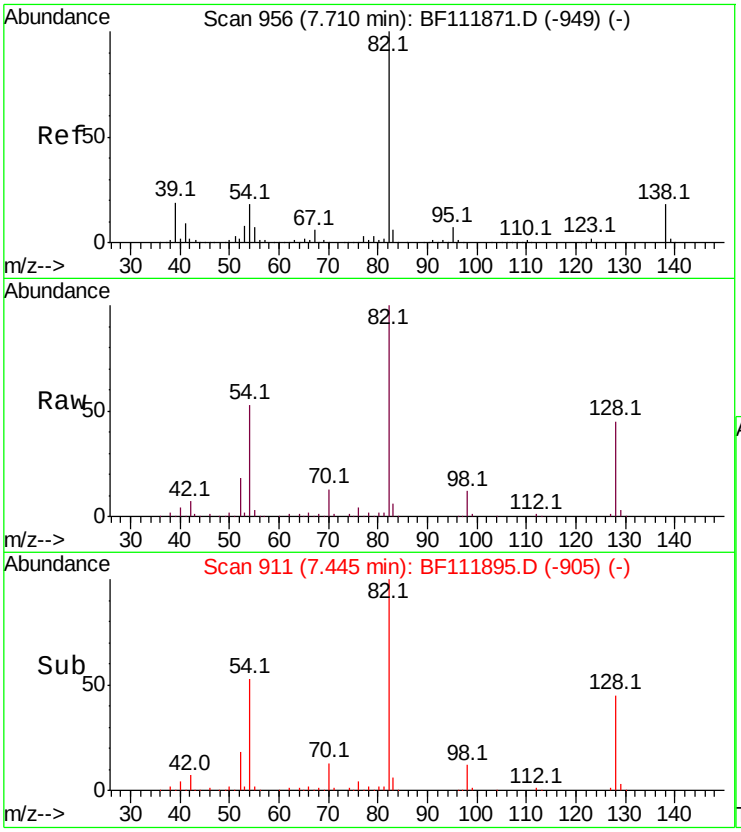


#23
Nitrobenzene-d5
Concen: 24.676 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Tgt Ion: 82 Resp: 224110

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.7	53.5
54	53.0	45.8	68.8



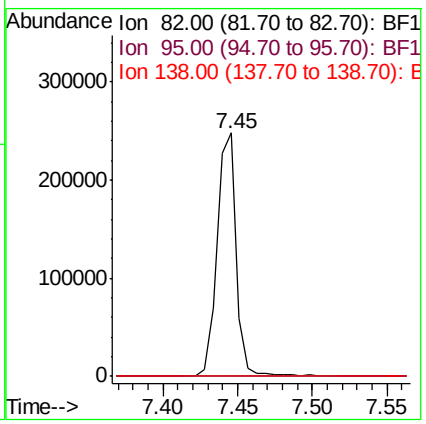


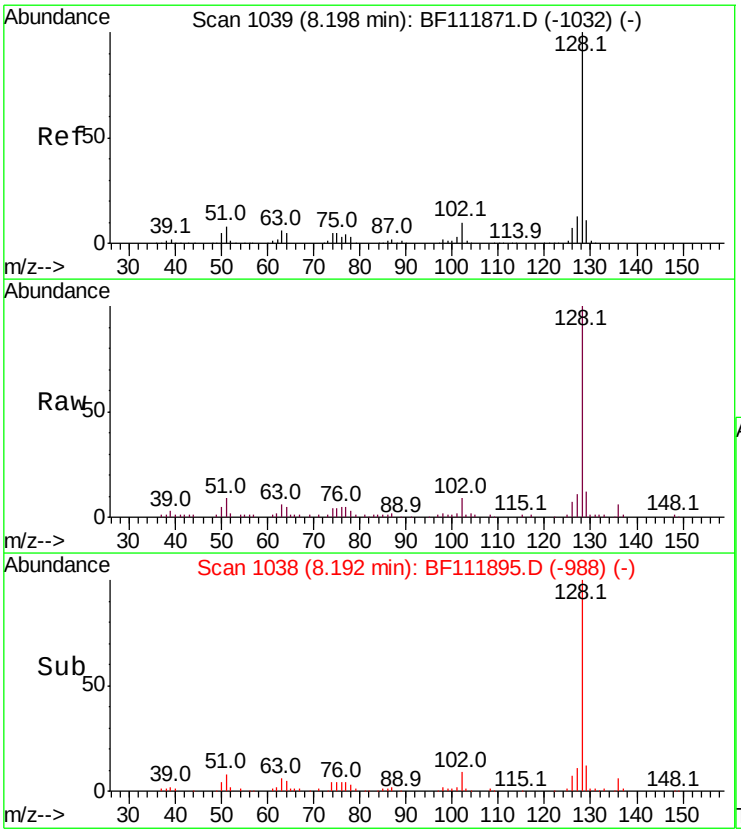
#25
Isophorone
Concen: 15.238 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 224106

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

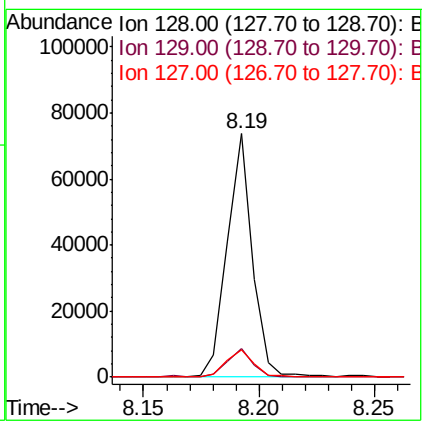


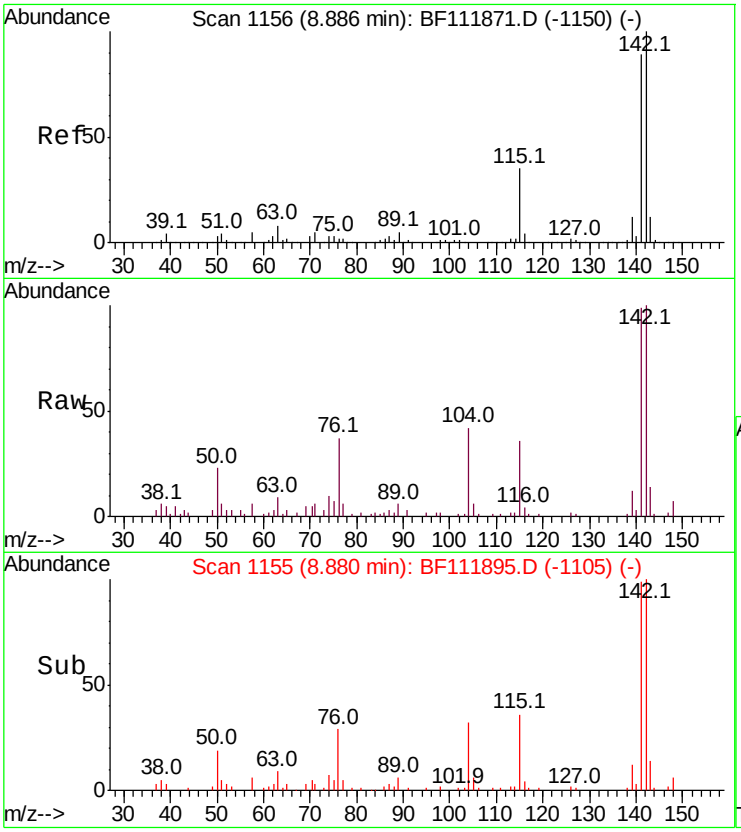


#31
Naphthalene
Concen: 2.434 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Tgt Ion:128 Resp: 56074

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.4
127	11.1	10.7	16.1



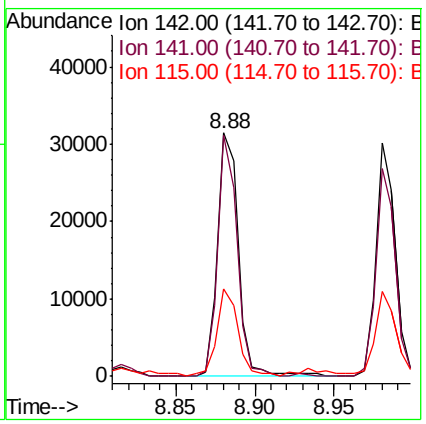


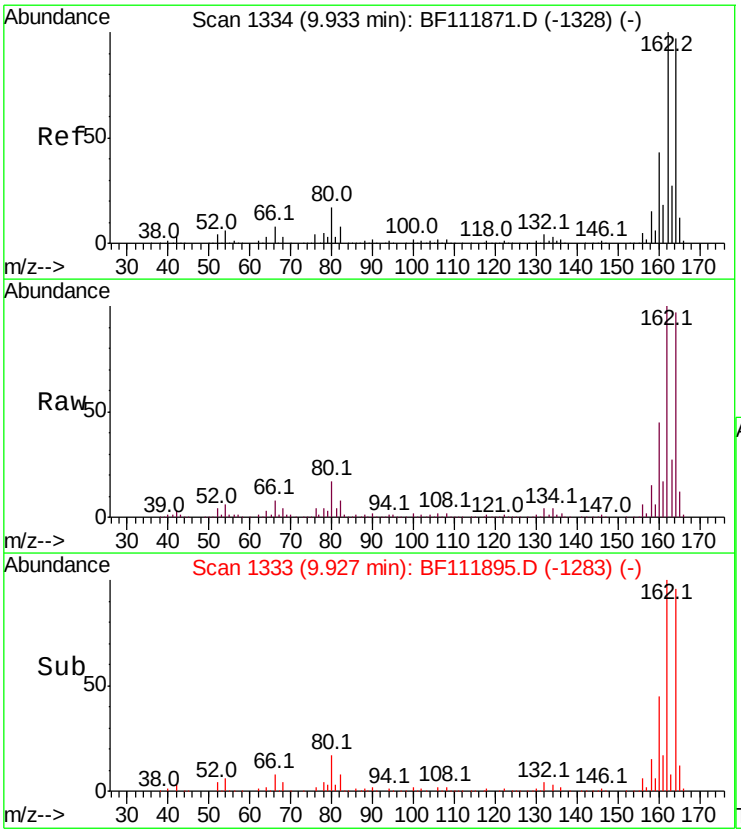
#37
2-Methylnaphthalene
Concen: 2.013 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 28734

Ion	Ratio	Lower	Upper
142	100		
141	98.8	71.4	107.2
115	36.2	28.3	42.5

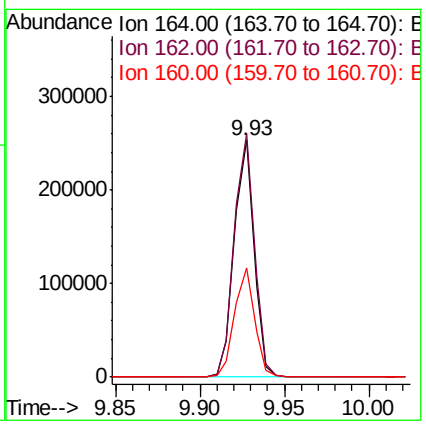


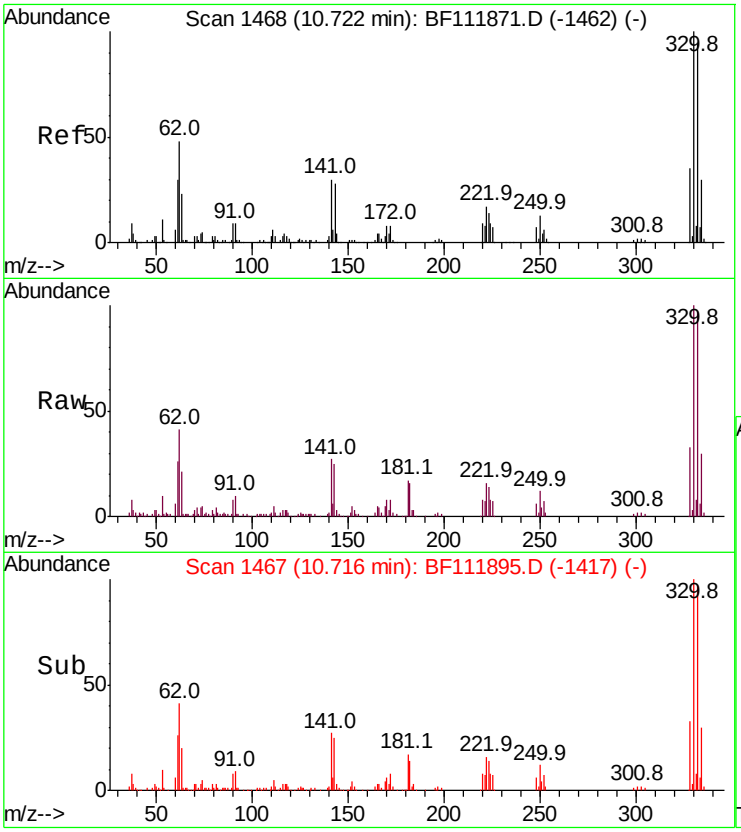


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Tgt Ion:164 Resp: 206423

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.2	123.2
160	46.3	35.5	53.3



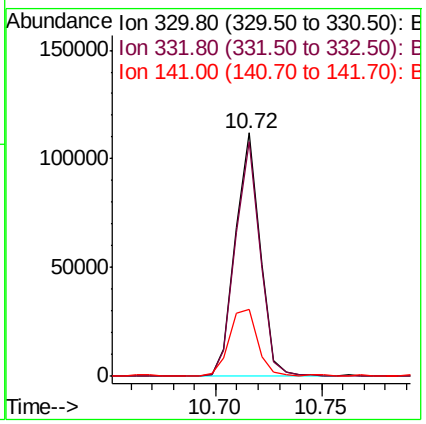


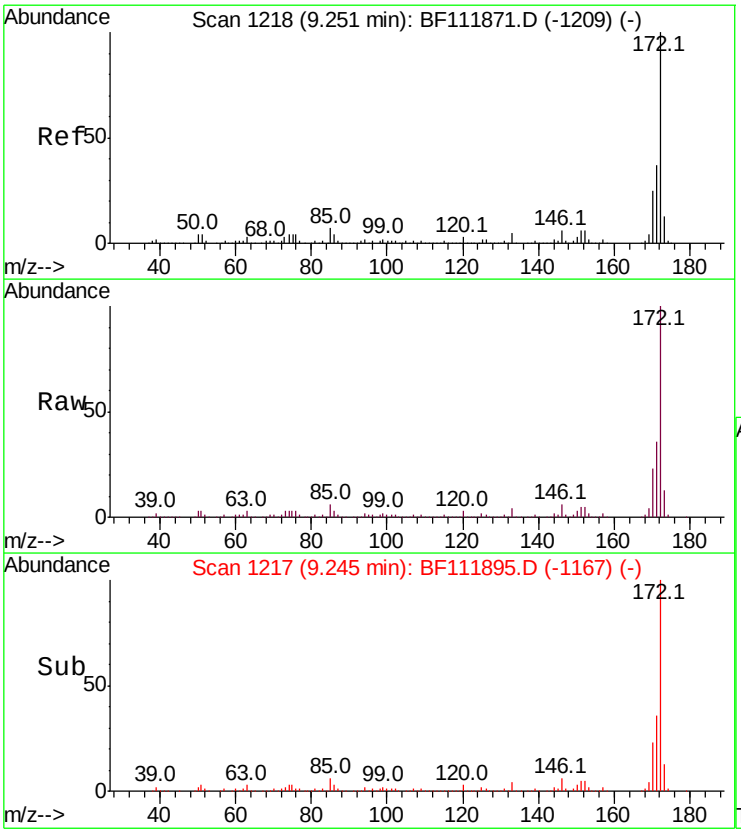
#42
2,4,6-Tribromophenol
Concen: 33.608 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 90236

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	31.0	23.7	35.5

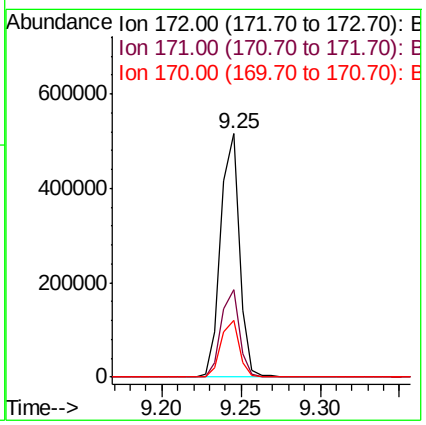


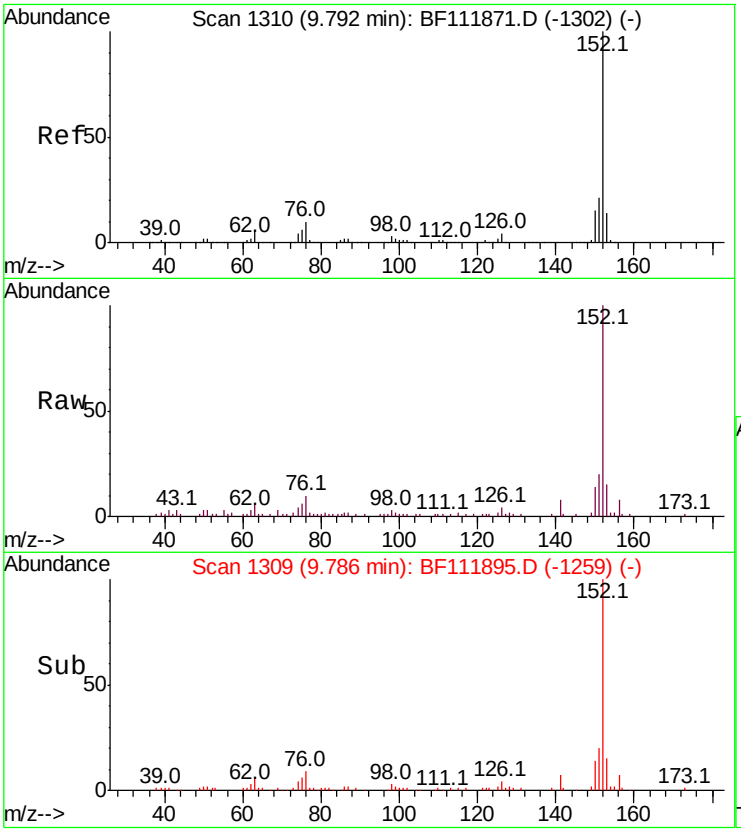


#45
2-Fluorobiphenyl
Concen: 30.062 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Tgt Ion:172 Resp: 425564

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.2	19.8	29.8



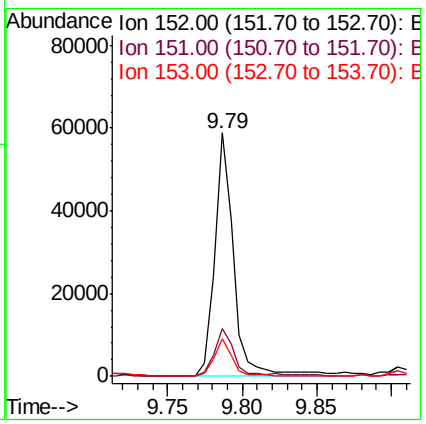


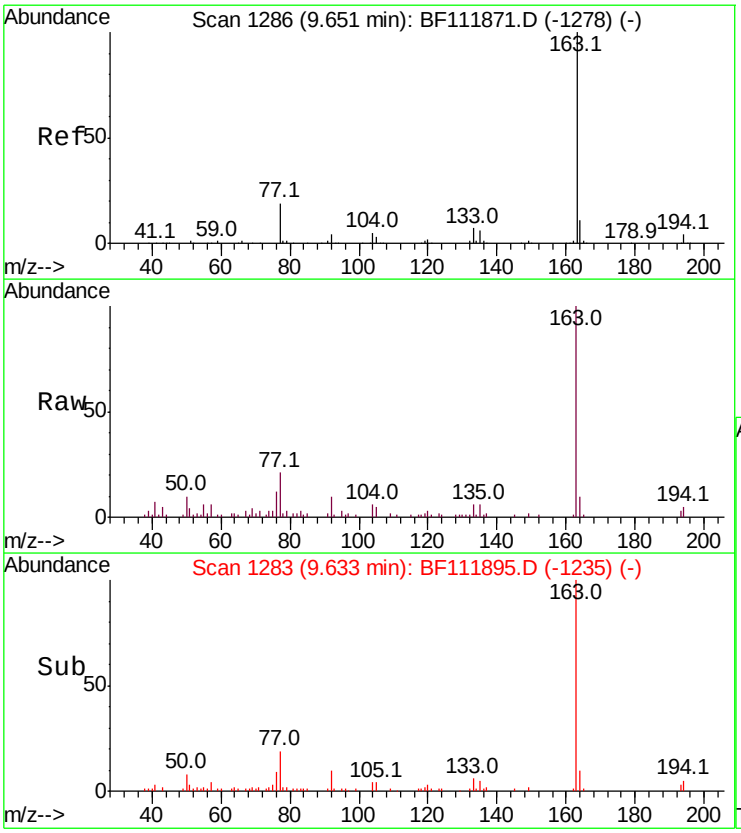
#49
Acenaphthylene
Concen: 2.631 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 52721

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.6	25.0
153	15.3	11.0	16.4

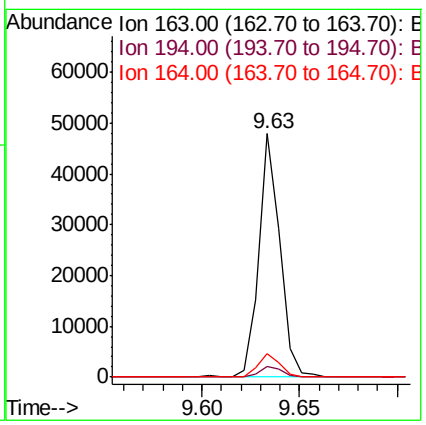


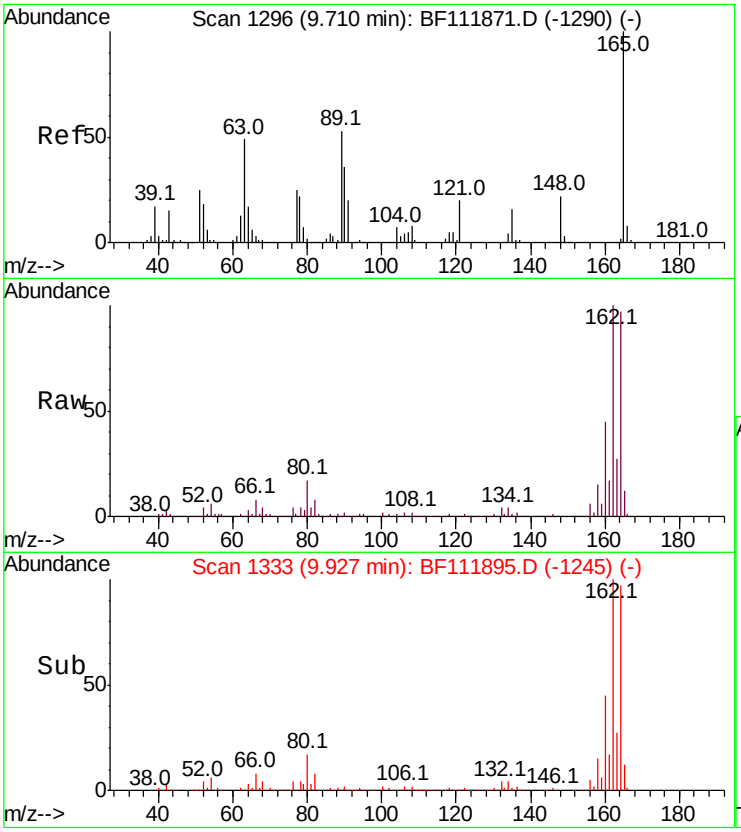


#50
Dimethylphthalate
Concen: 2.304 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Tgt Ion:163 Resp: 35731

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	9.8	8.5	12.7



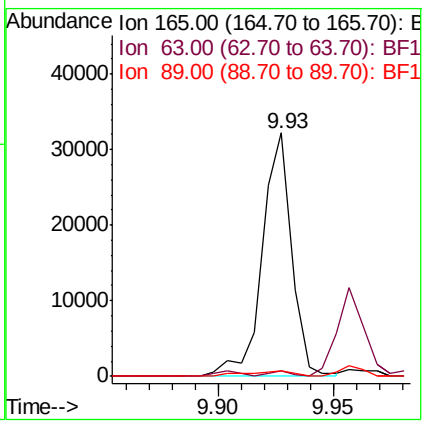


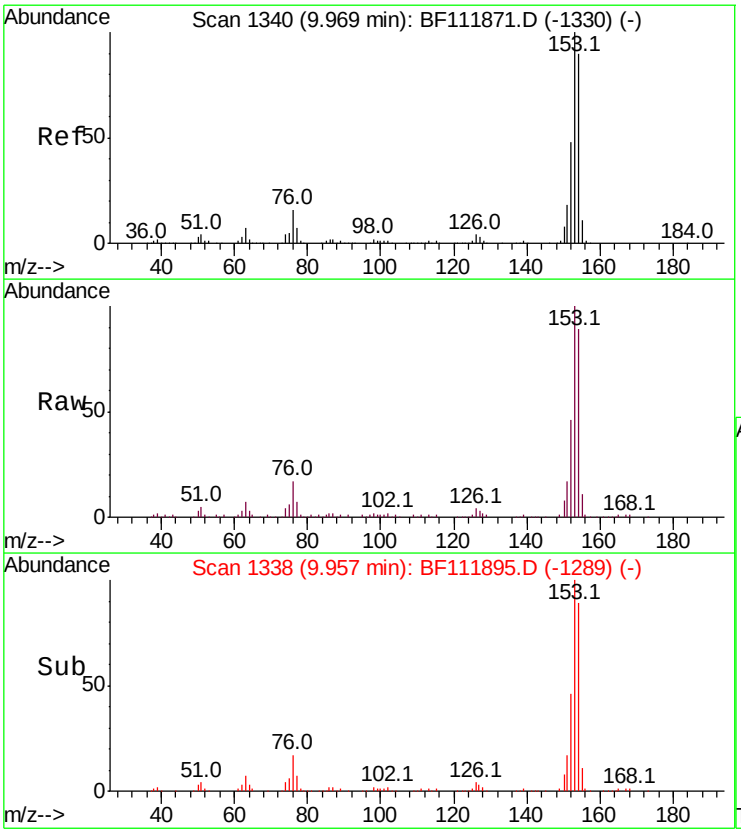
#51
2,6-Dinitrotoluene
Concen: 8.275 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28694

Ion	Ratio	Lower	Upper
165	100		
63	2.0	46.2	69.2#
89	2.1	42.2	63.2#

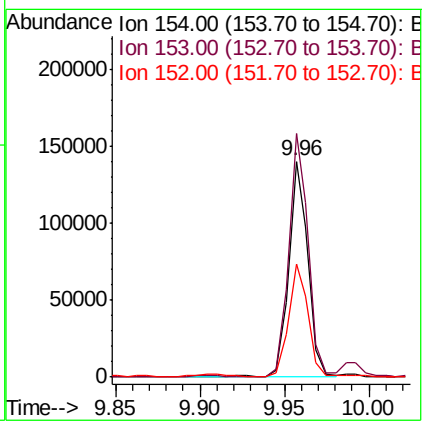


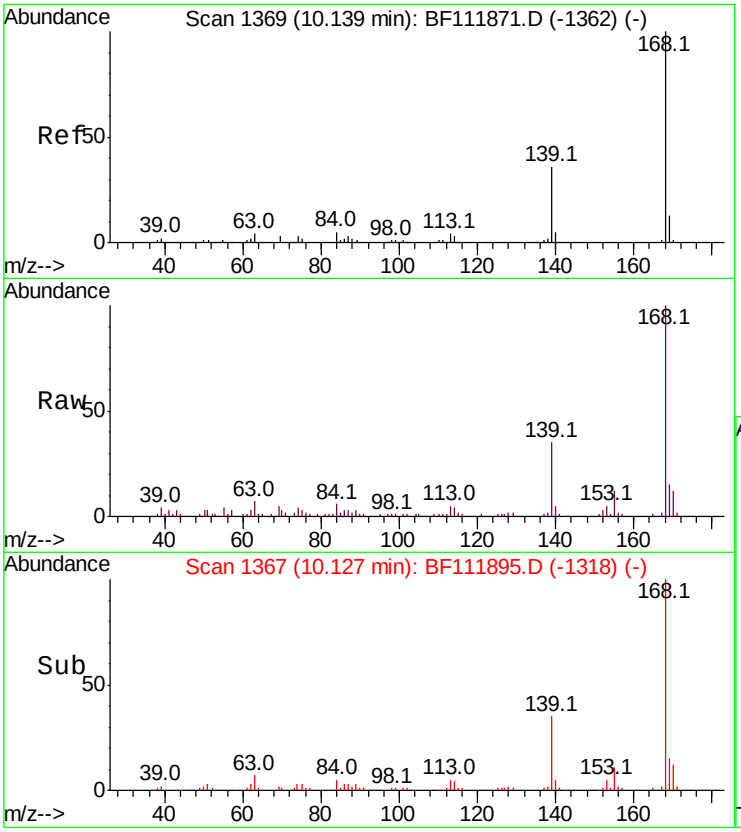


#52
Acenaphthene
Concen: 8.582 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Tgt Ion:154 Resp: 110841

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.4	134.0
152	52.4	43.1	64.7



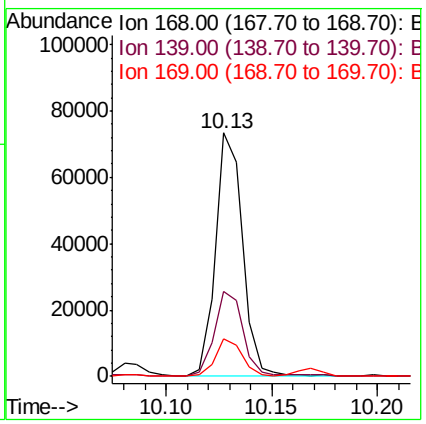


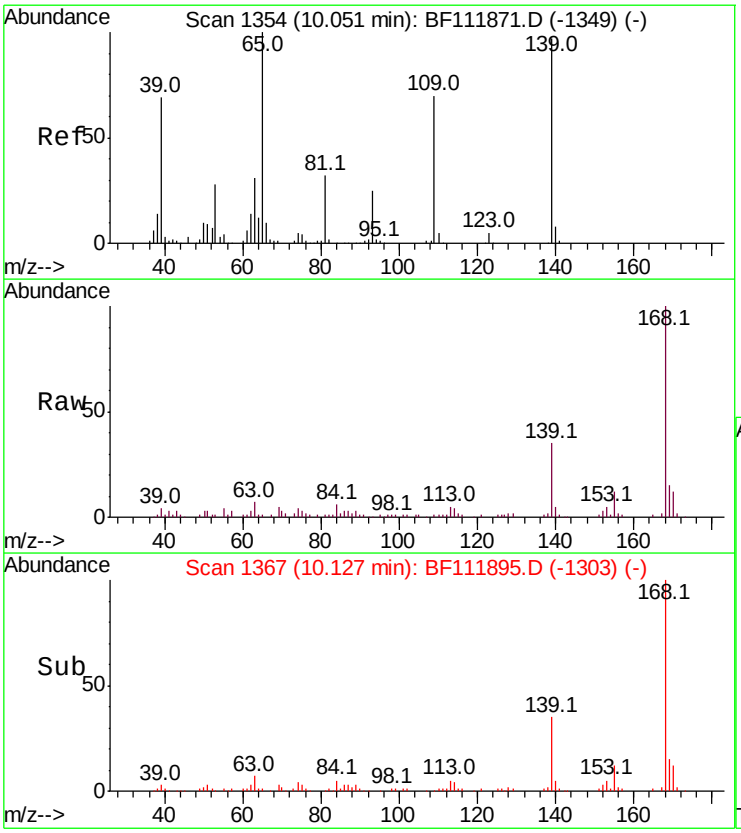
#55
Dibenzofuran
Concen: 3.468 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 65135

Ion	Ratio	Lower	Upper
168	100		
139	34.7	29.3	43.9
169	15.2	10.6	16.0

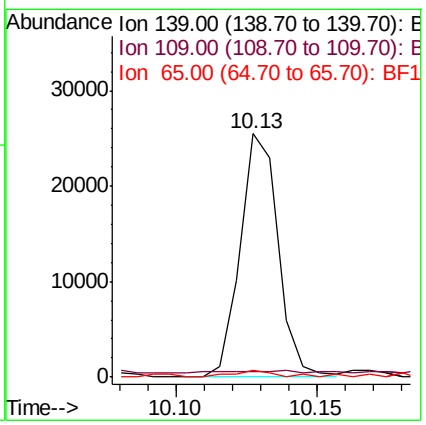


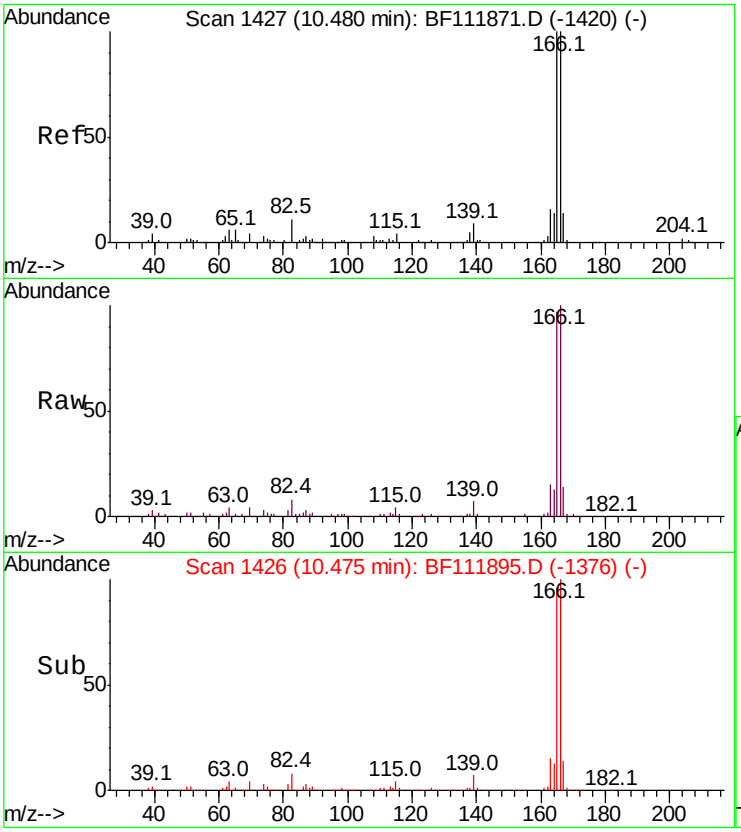


#56
4-Nitrophenol
Concen: 9.087 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.08 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Tgt Ion:139 Resp: 23842

Ion	Ratio	Lower	Upper
139	100		
109	2.4	52.2	92.2#
65	2.7	83.1	123.1#



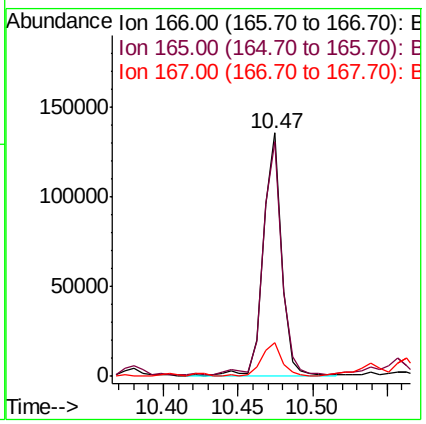


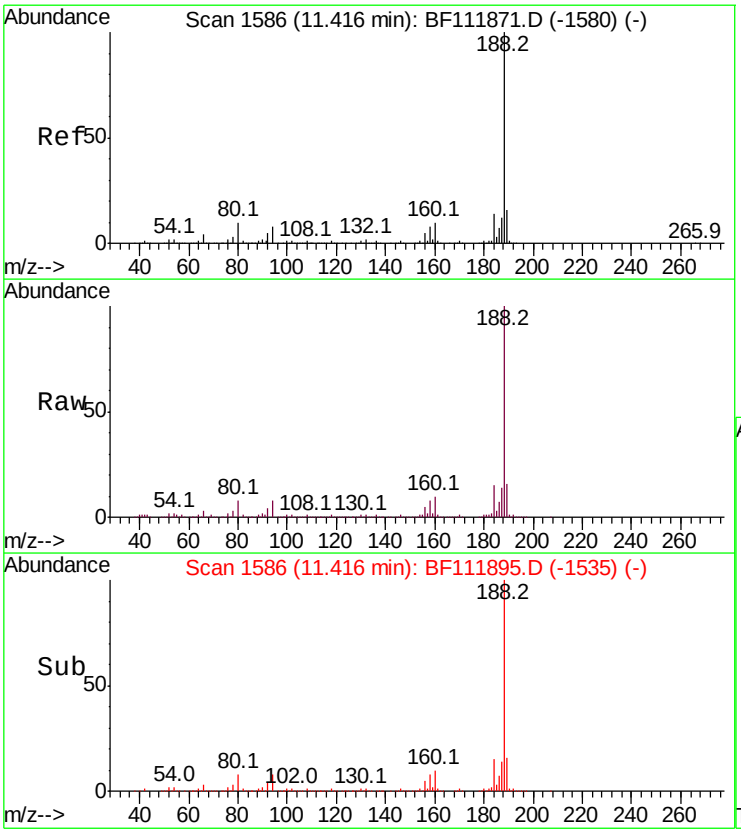
#58
Fluorene
Concen: 8.276 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 113125

Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.7	119.5
167	14.0	11.1	16.7

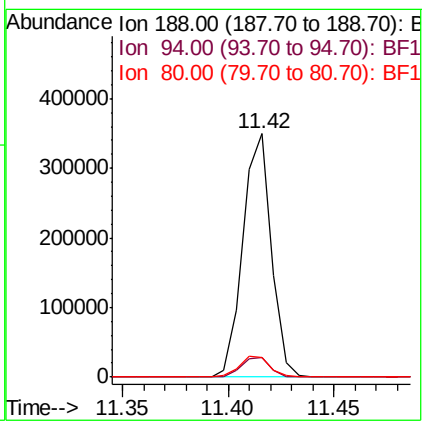


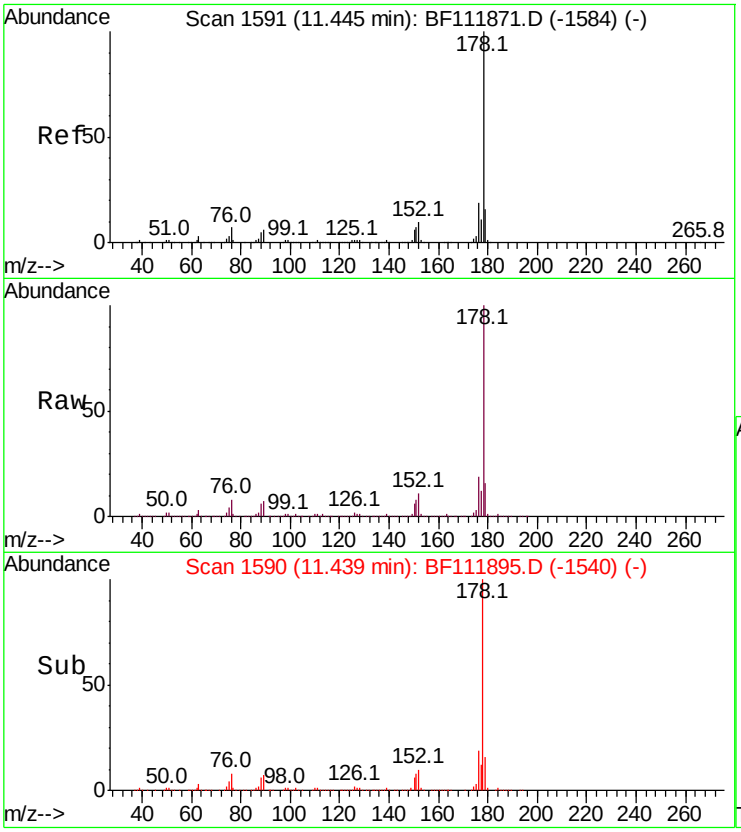


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Tgt Ion:188 Resp: 326542

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.6	10.0
80	8.2	7.7	11.5



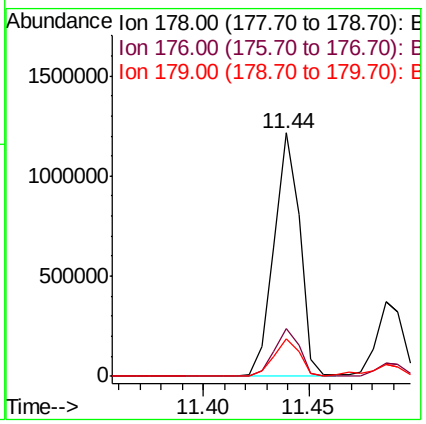


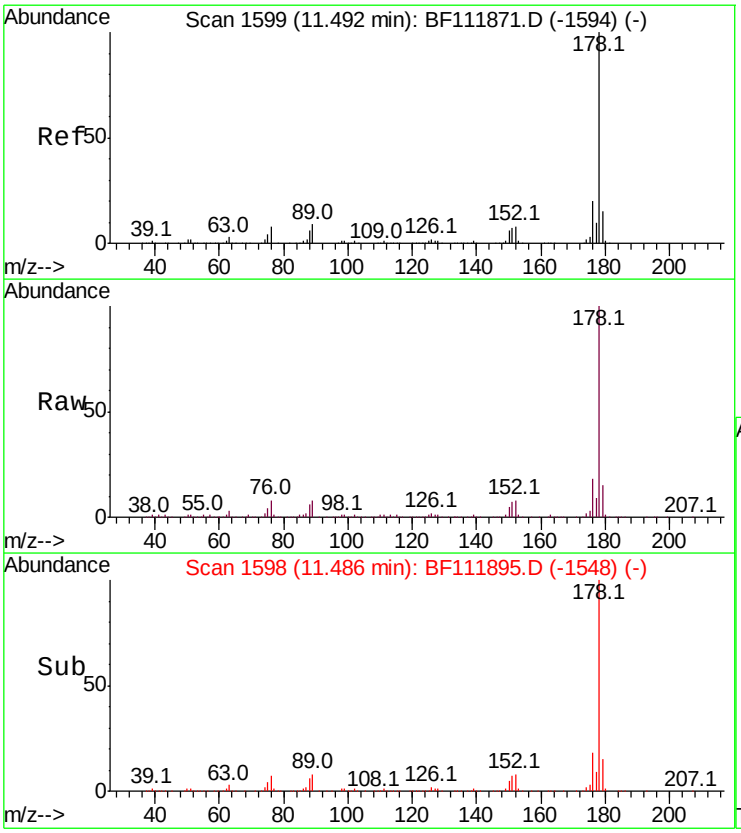
#71
Phenanthrene
Concen: 59.051 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1030938

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.7	12.6	18.8

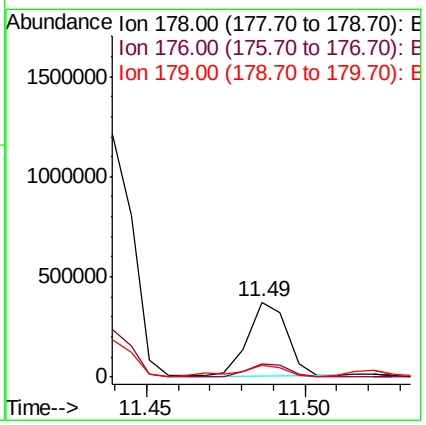


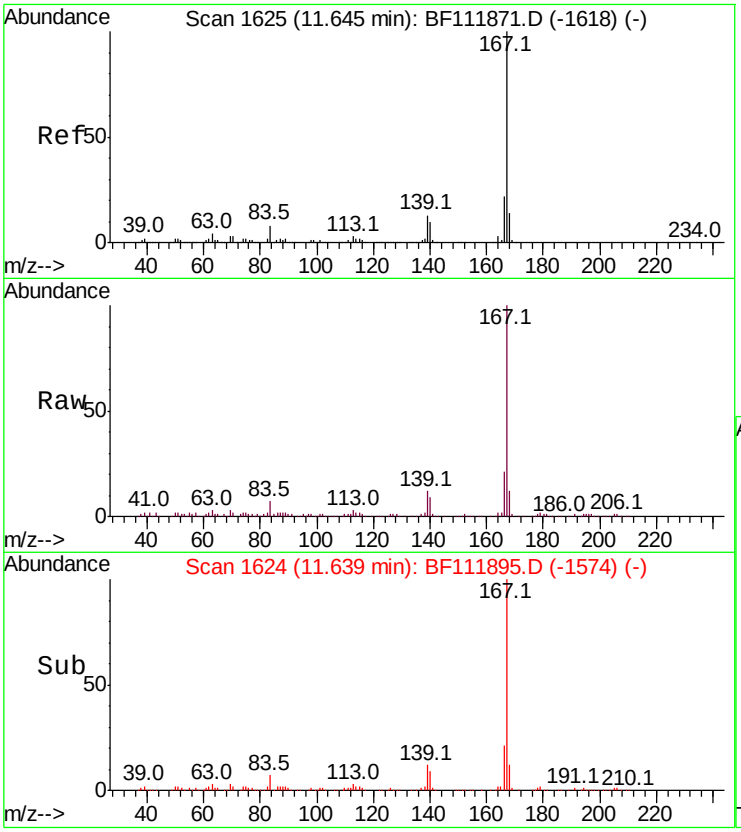


#72
Anthracene
Concen: 17.980 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Tgt Ion:178 Resp: 318653

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.7	23.5
179	15.3	12.4	18.6



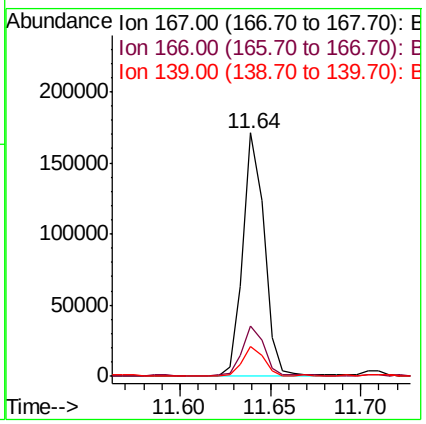


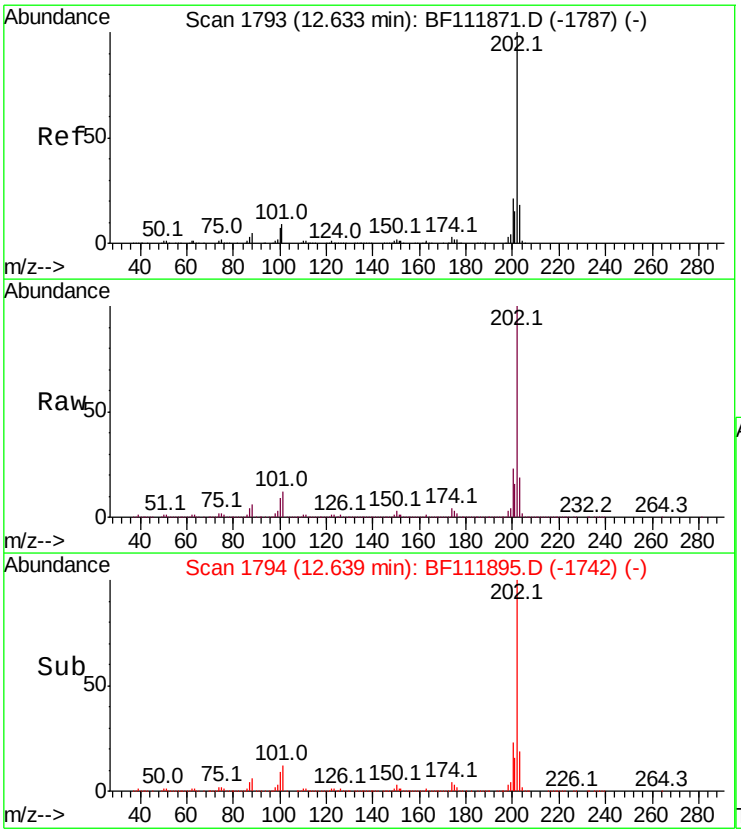
#73
Carbazole
Concen: 8.251 ng
RT: 11.64 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 142242

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.8	26.6
139	12.1	10.6	16.0

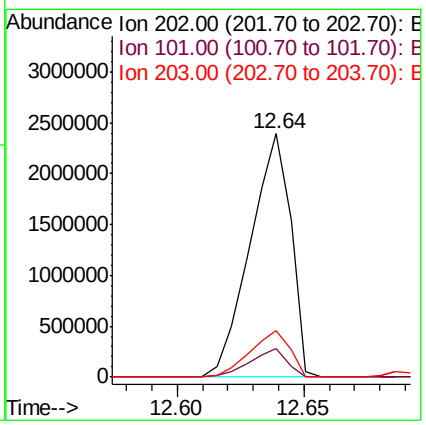


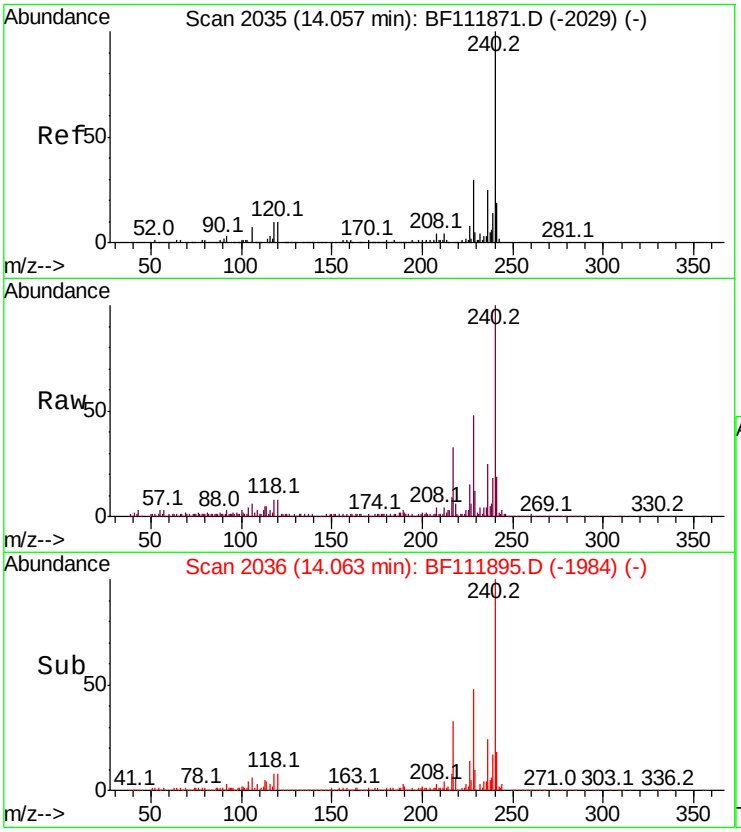


#75
Fluoranthene
Concen: 150.071 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Tgt Ion:202 Resp: 2689683

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	29.3
203	19.0	0.0	37.6



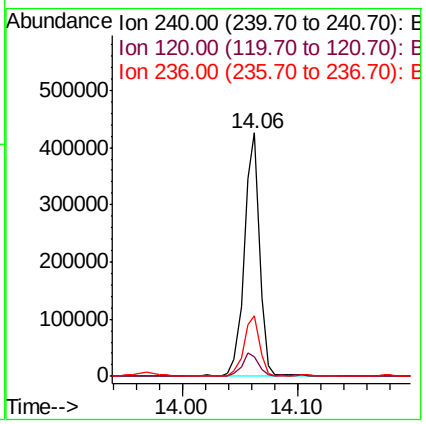


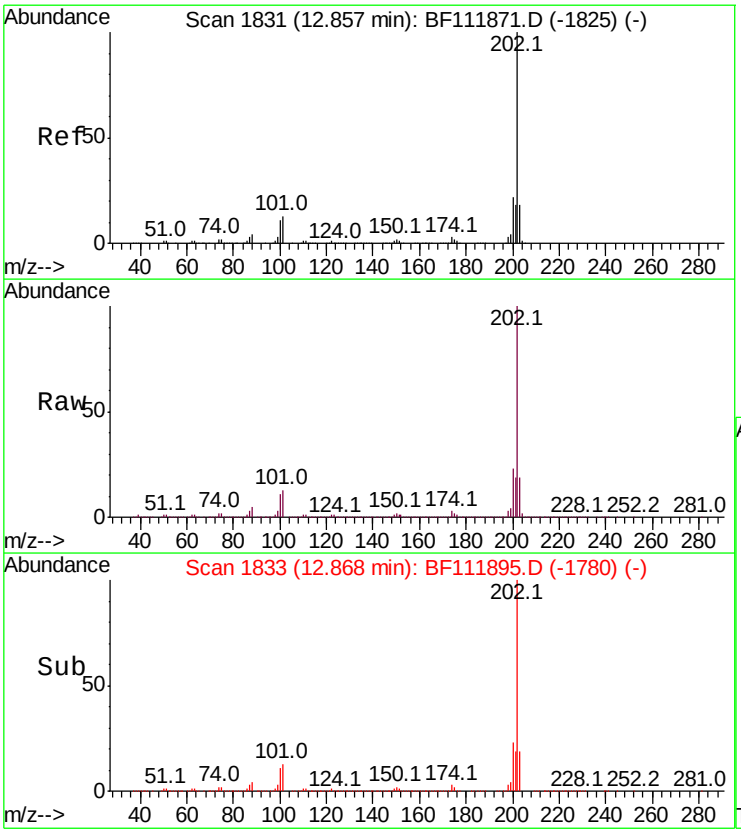
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 384697

Ion	Ratio	Lower	Upper
240	100		
120	8.3	8.2	12.2
236	24.7	20.2	30.4

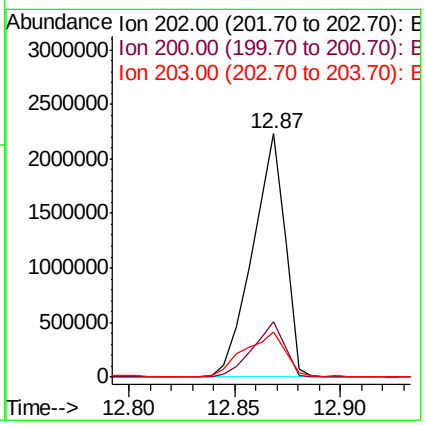


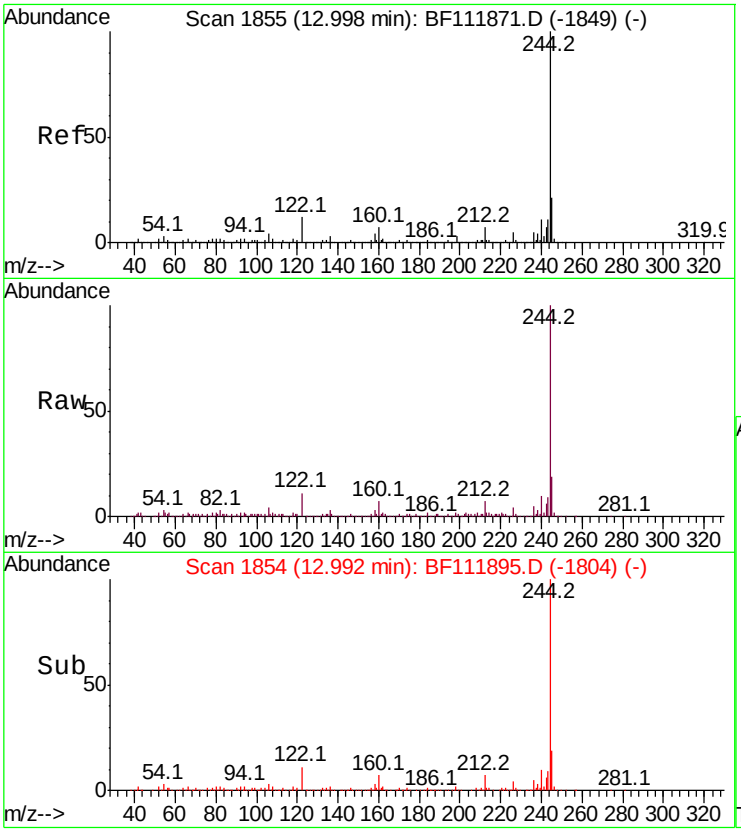


#78
Pyrene
Concen: 90.163 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Tgt Ion:202 Resp: 2386571

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.4	26.2
203	18.8	14.6	21.8



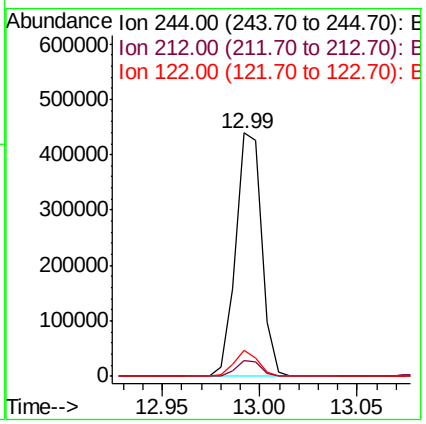


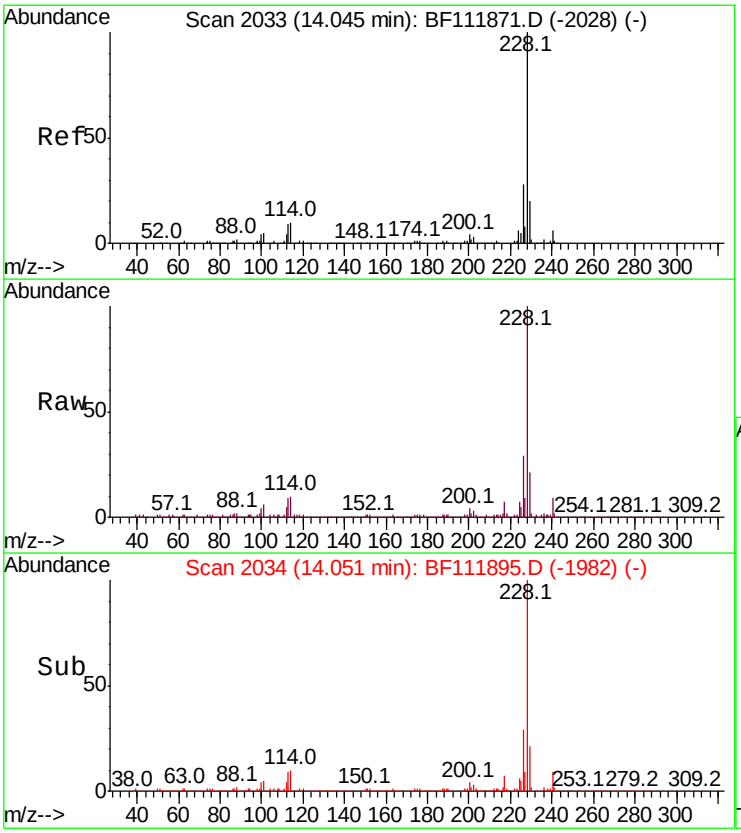
#79
Terphenyl-d14
Concen: 20.059 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 406516

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.6	9.5	14.3

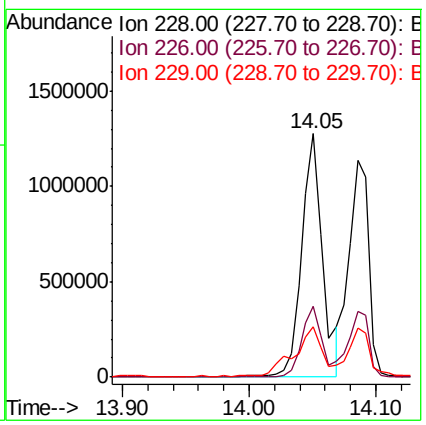


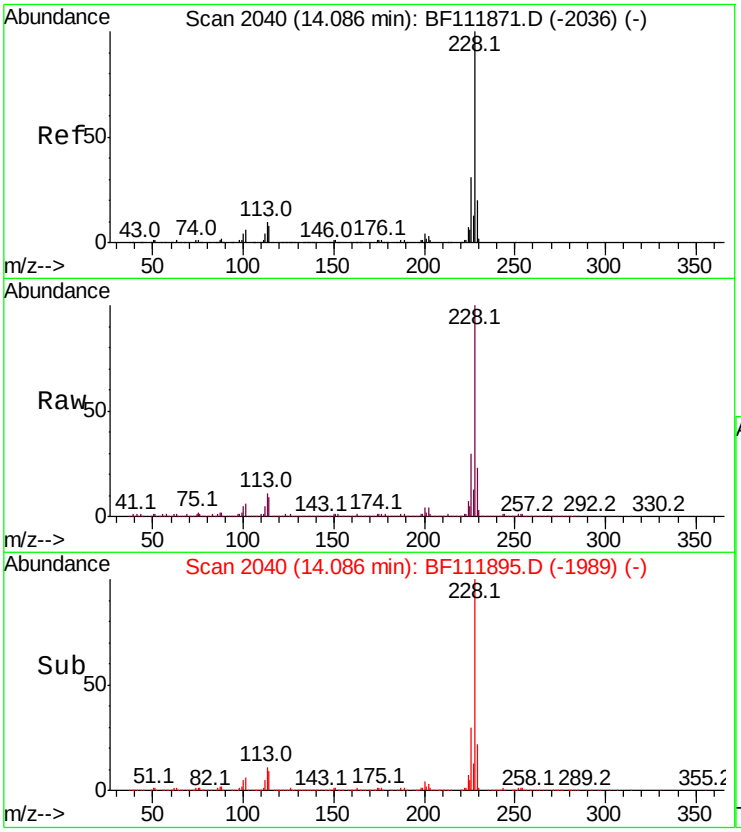


#81
Benzo(a)anthracene
Concen: 65.695 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Tgt Ion:228 Resp: 1454486

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.2	33.2
229	20.9	16.2	24.2



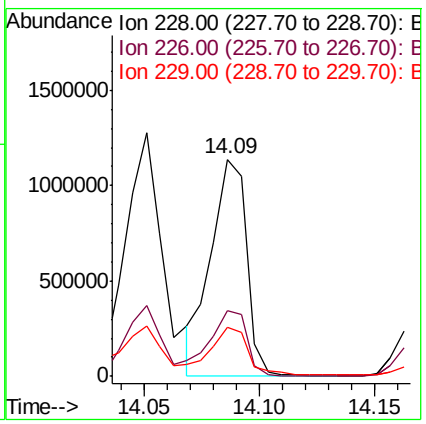


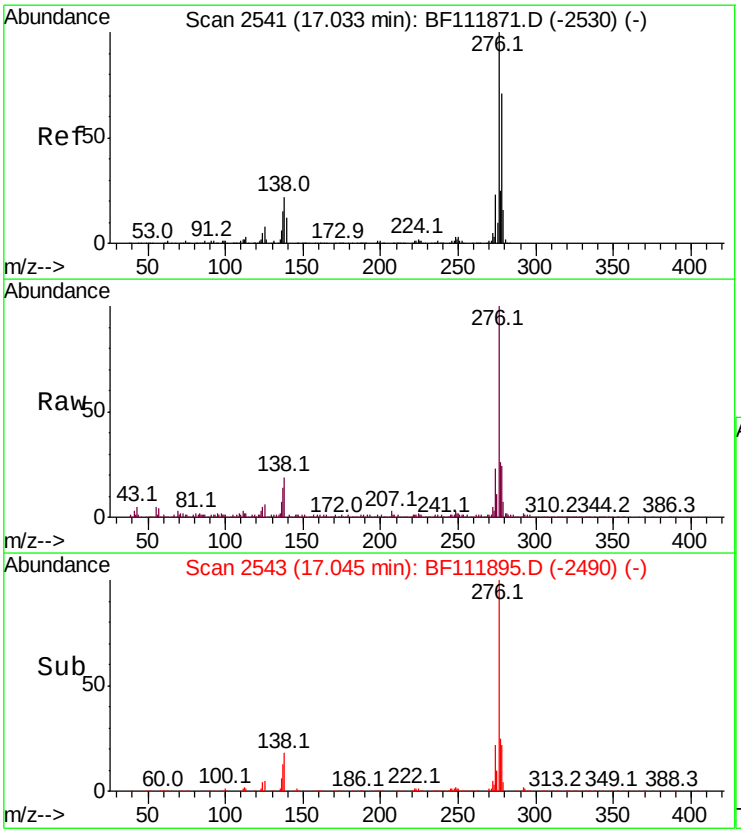
#83
Chrysene
Concen: 57.791 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1219964

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	22.7	15.7	23.5

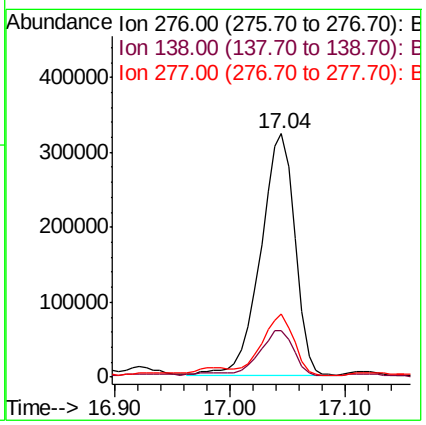


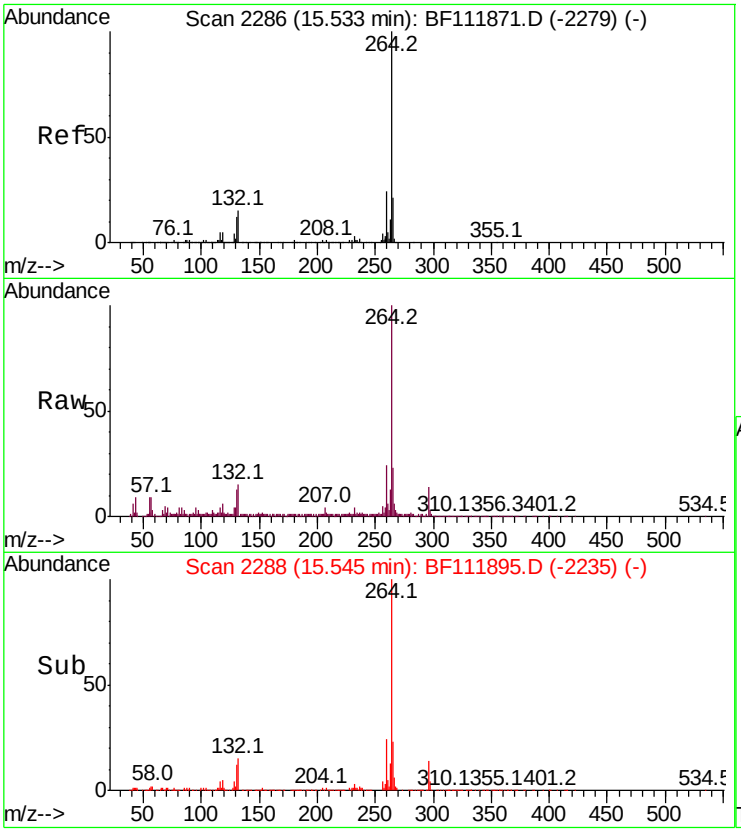


#86
Indeno(1,2,3-cd)pyrene
Concen: 43.345 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Tgt Ion:276 Resp: 667068

Ion	Ratio	Lower	Upper
276	100		
138	18.8	18.1	27.1
277	23.9	19.9	29.9



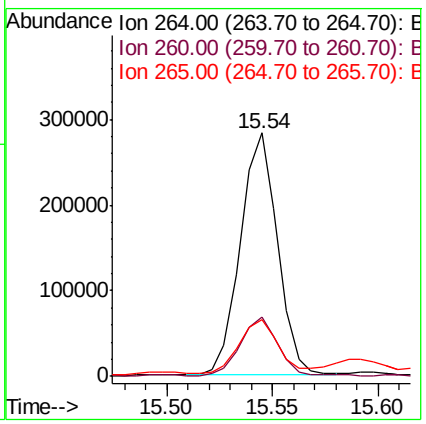


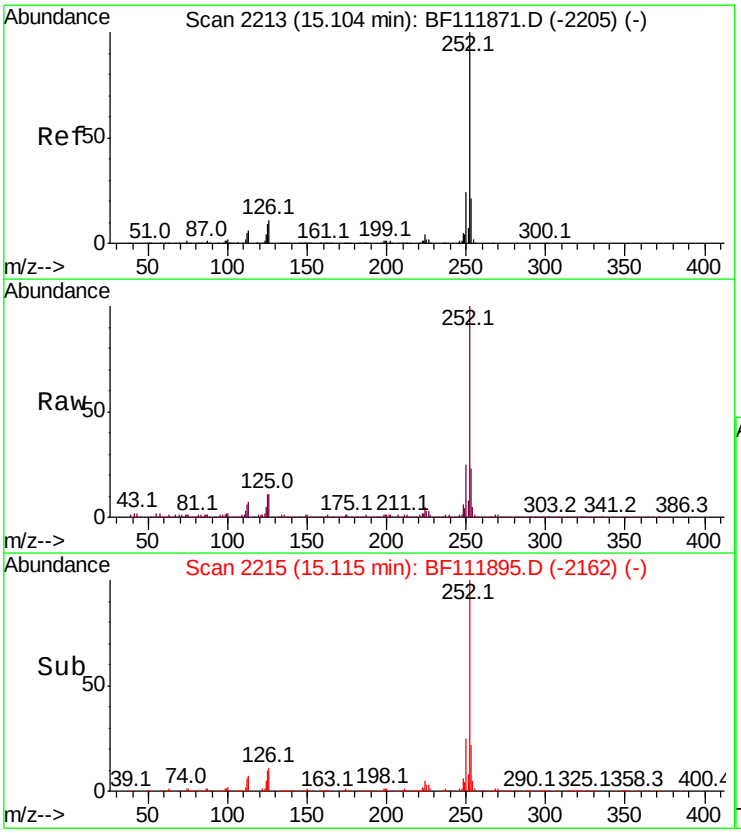
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 345711

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.3	17.1	25.7

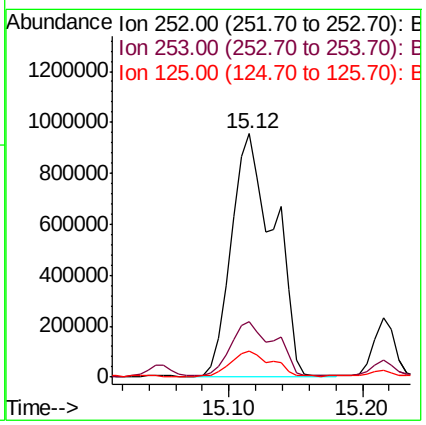


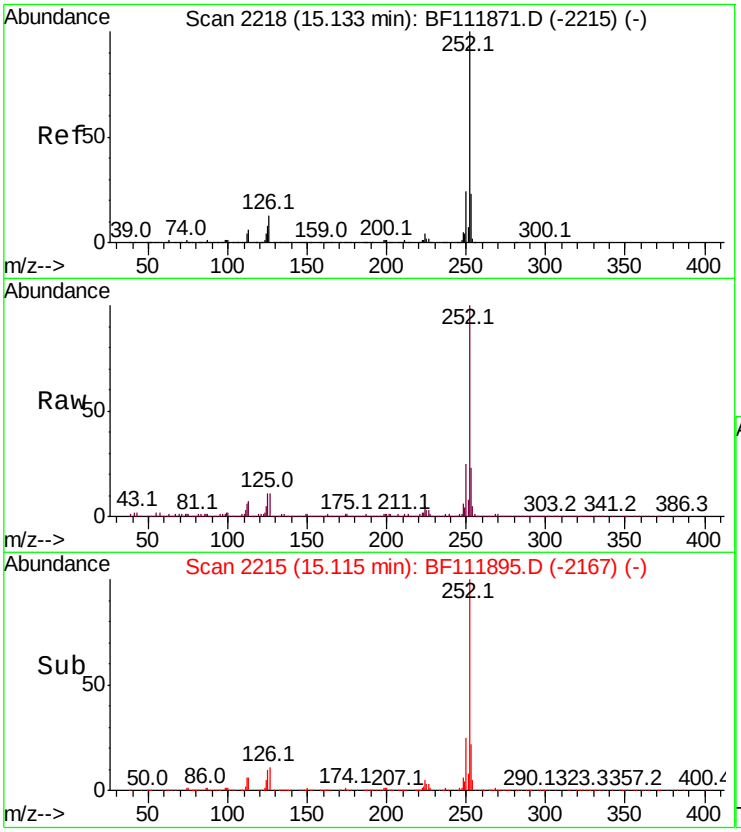


#88
Benzo(b)fluoranthene
Concen: 102.759 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Tgt Ion:252 Resp: 2125077

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	10.8	7.1	10.7#



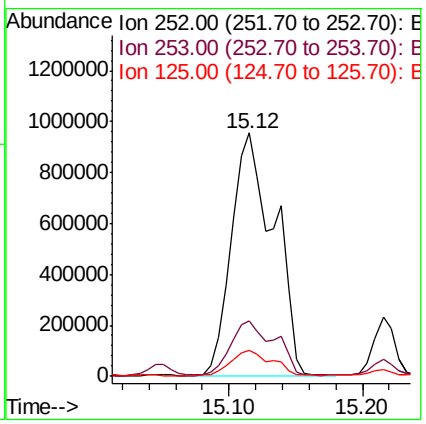


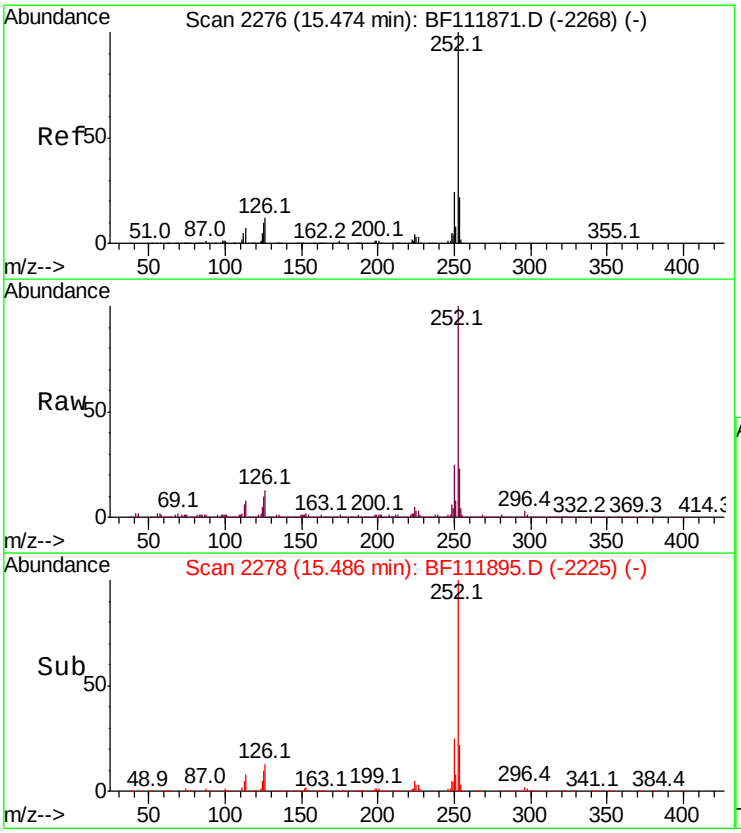
#89
Benzo(k)fluoranthene
Concen: 109.320 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 2125077

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	10.8	7.0	10.4#

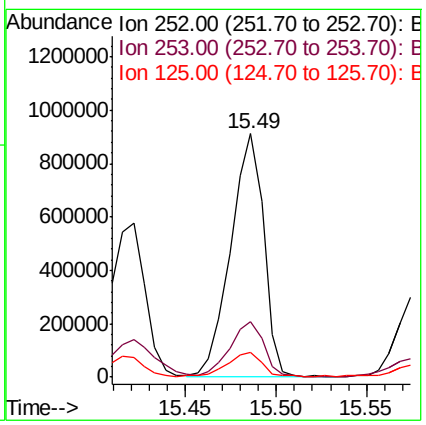


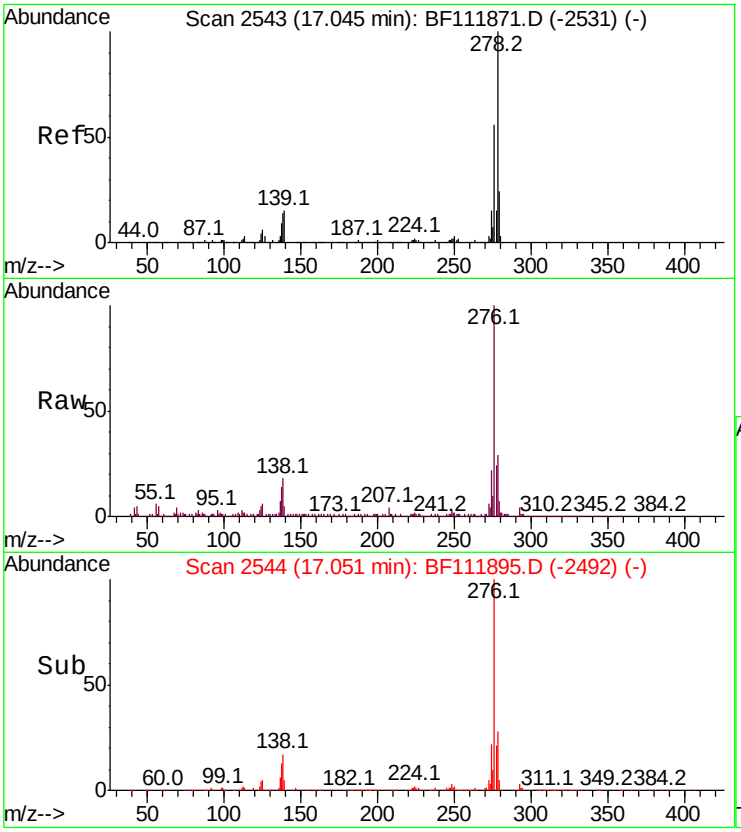


#90
Benzo(a)pyrene
Concen: 63.089 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Tgt Ion:252 Resp: 1147171

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	10.4	7.9	11.9



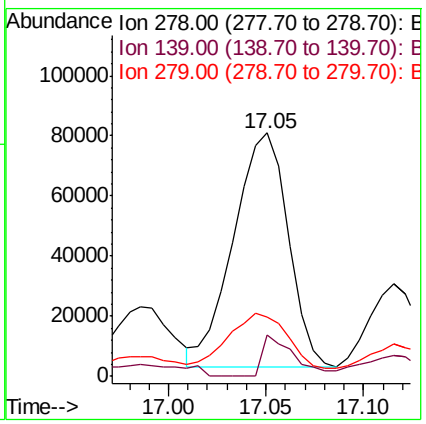


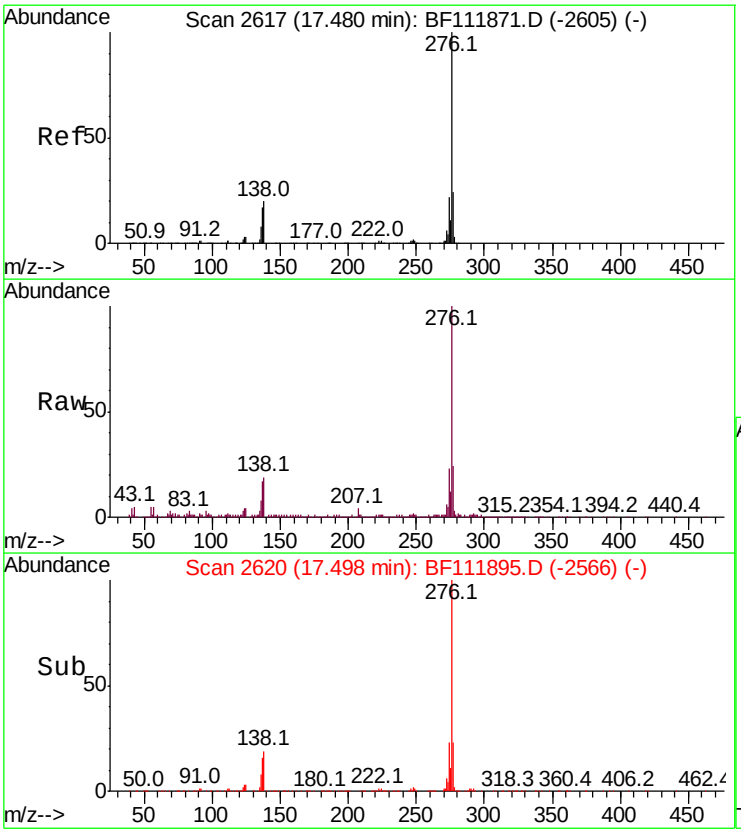
#91
Dibenzo(a,h)anthracene
Concen: 10.350 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 151363

Ion	Ratio	Lower	Upper
278	100		
139	17.1	11.8	17.6
279	24.1	19.4	29.2





#92
Benzo(g,h,i)perylene
Concen: 42.962 ng
RT: 17.50 min Scan# 2620
Delta R.T. 0.02 min
Lab File: BF111895.D
Acq: 7 Jan 2019 23:47

Tgt Ion:276 Resp: 614541

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.6
138	19.2	16.2	24.2