Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118895.D
Acq On : 11 Feb 2020 20:34
Operator : CG/JU
Sample : L1482-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP6-EP2-2

Quant Time: Feb 12 06:51:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	240927	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	902126	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	439867	20.00	ng		-0.02
64) Phenanthrene-d10	11.33	188	858527	20.00	ng		-0.01
76) Chrysene-d12	13.98	240	564277	20.00	ng		0.00
87) Perylene-d12	15.43	264	629949	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1269493	99.74	ng		0.00
7) Phenol-d6	6.45	99	1585578	100.36	ng		0.00
23) Nitrobenzene-d5	7.36	82	996744	65.86	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	507183	96.37	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	2109709	85.74	ng		-0.02
79) Terphenyl-d14	12.92	244	2114535	76.97	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	3224	Below Cal		#	1
10) Phenol	6.46	94	46531	2.649	ng		95
19) n-Nitroso-di-n-propylamine	7.36	70	136450	14.115	ng	#	76
25) Isophorone	7.36	82	996734	36.643	ng	#	63
31) Naphthalene	8.11	128	1893605	45.895	ng		100
32) Benzoic acid	7.88	122	18780	2.073	ng	#	18
33) 4-Chloroaniline	8.11	127	258791	14.019	ng	#	35
37) 2-Methylnaphthalene	8.80	142	115992	4.053	ng		98
38) 1-Methylnaphthalene	8.90	142	335722	12.472	ng		99
46) 1,1'-Biphenyl	9.26	154	92928	3.054	ng		98
49) Acenaphthylene	9.70	152	985498	26.983	ng		98
50) Dimethylphthalate	9.56	163	106065	3.541	ng		97
52) Acenaphthene	9.87	154	181304	7.533	ng		98
55) Dibenzofuran	10.05	168	166216	4.779	ng		94
58) Fluorene	10.39	166	233129	8.909	ng		99
67) 4-Bromophenyl-phenylether	10.63	248	32668	3.217	ng	#	1
71) Phenanthrene	11.36	178	2277253	53.911	ng		100
72) Anthracene	11.40	178	731345	17.404	ng		97
73) Carbazole	11.56	167	91366	2.477	ng		100
75) Fluoranthene	12.56	202	3045581	66.037	ng		99
78) Pyrene	12.79	202	3561346	91.999	ng		98
81) Benzo(a)anthracene	14.00	228	2047218	60.969	ng		94
83) Chrysene	14.00	228	2047218	60.747	ng		98
86) Indeno(1,2,3-cd)pyrene	16.88	276	1195646	35.312	ng		97
88) Benzo(b)fluoranthene	15.02	252	3116798	79.735	ng		99
89) Benzo(k)fluoranthene	15.02	252	3116798	91.565	ng	#	97
90) Benzo(a)pyrene	15.38	252	2025513	60.548	ng		99
91) Dibenzo(a,h)anthracene	17.04	278	319479	10.758	ng		95
92) Benzo(g,h,i)perylene	17.32	276	1197598	41.932	ng		99

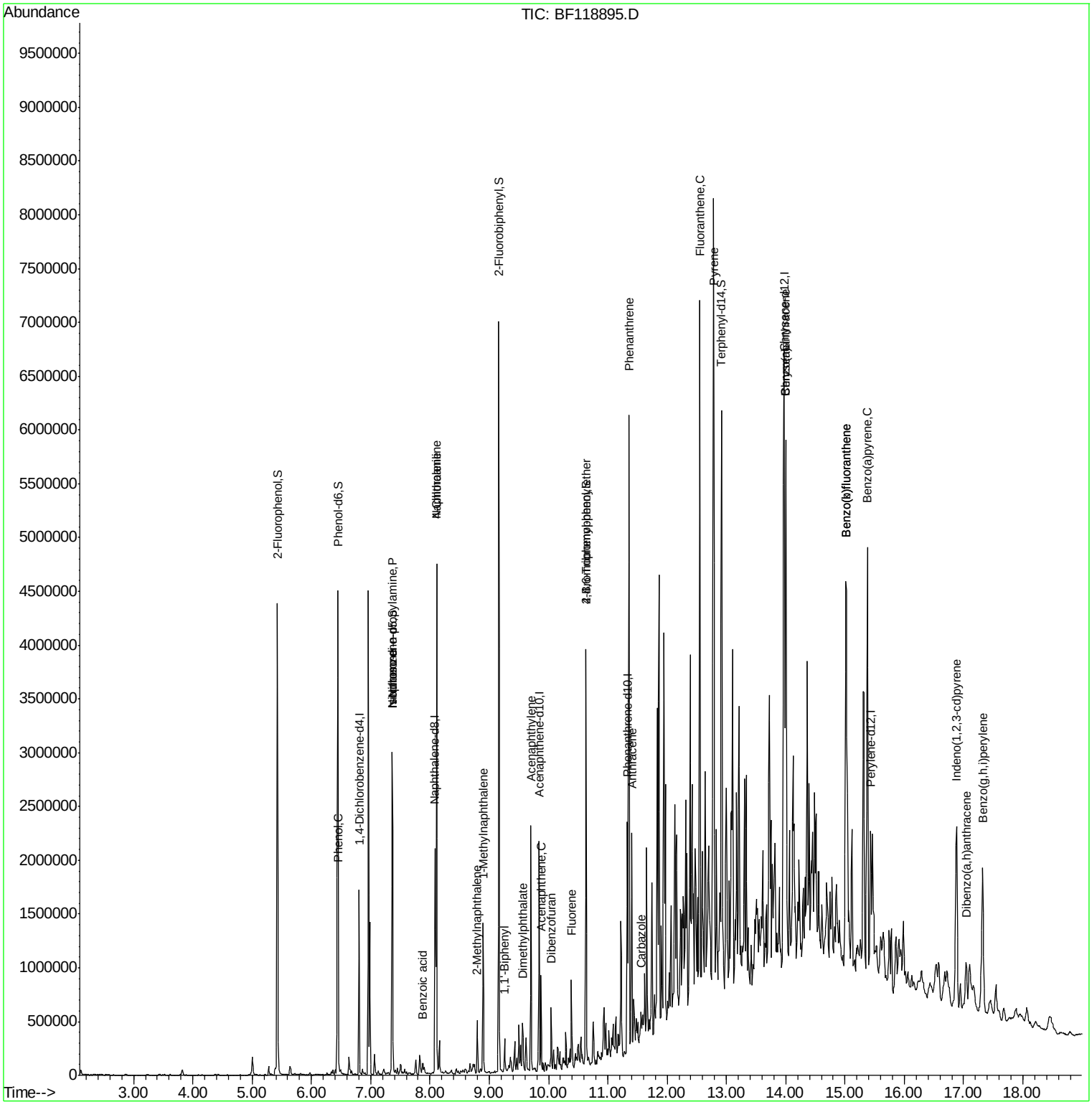
(#) = qualifier out of range (m) = manual integration (+) = signals summed

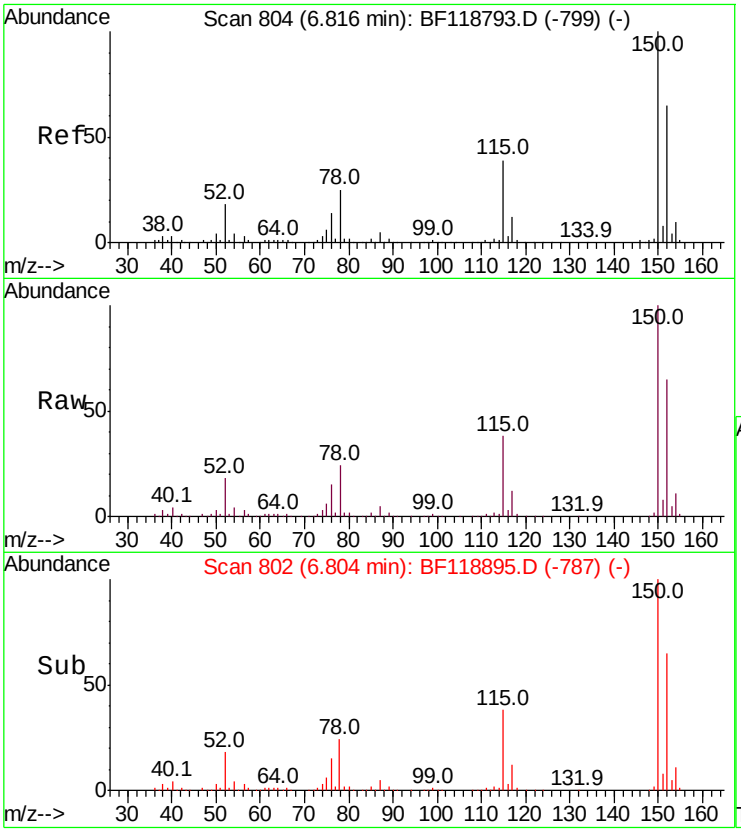
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118895.D
Acq On : 11 Feb 2020 20:34
Operator : CG/JU
Sample : L1482-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Quant Time: Feb 12 06:51:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



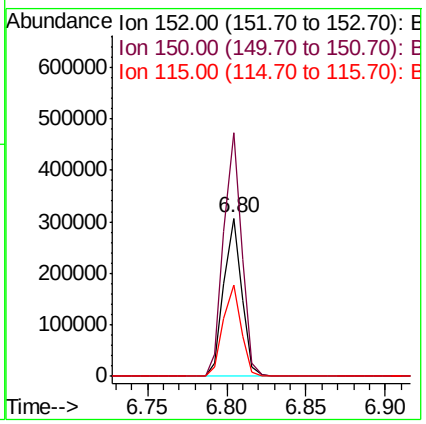


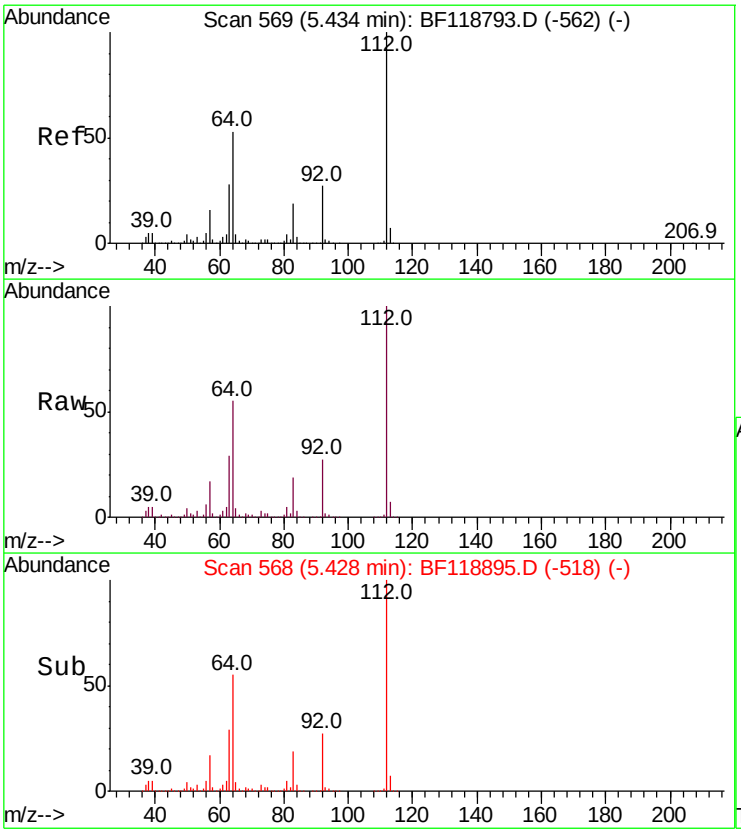
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Tgt Ion:152 Resp: 240927

Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.6	185.4
115	58.0	48.2	72.2

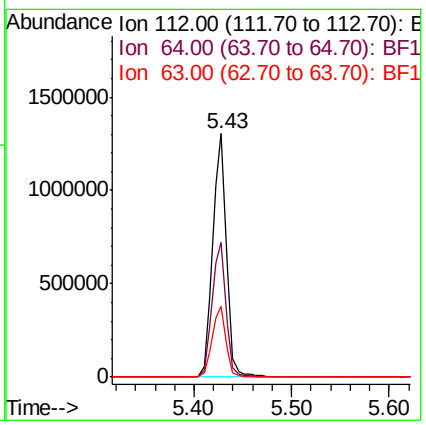


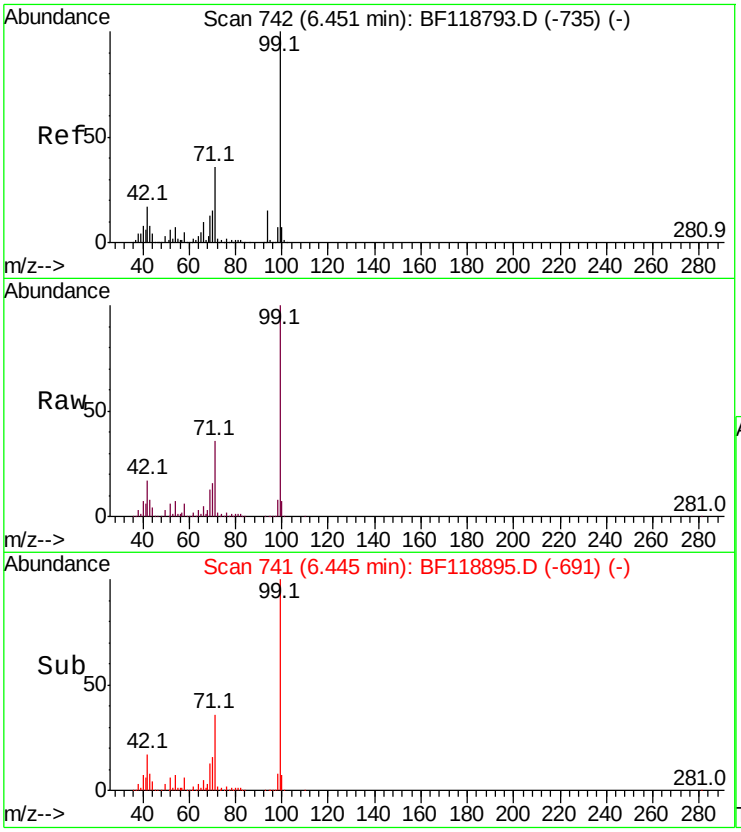


#5
2-Fluorophenol
Concen: 99.742 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Tgt Ion:112 Resp: 1269493

Ion	Ratio	Lower	Upper
112	100		
64	55.4	42.6	63.8
63	29.1	22.2	33.4



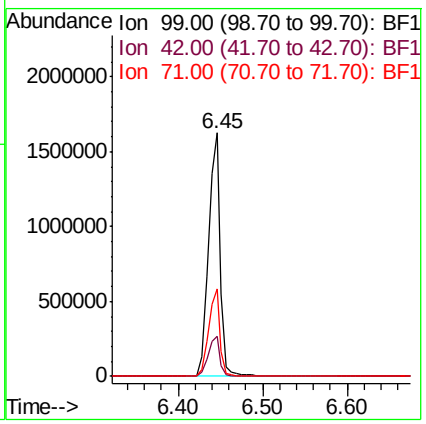


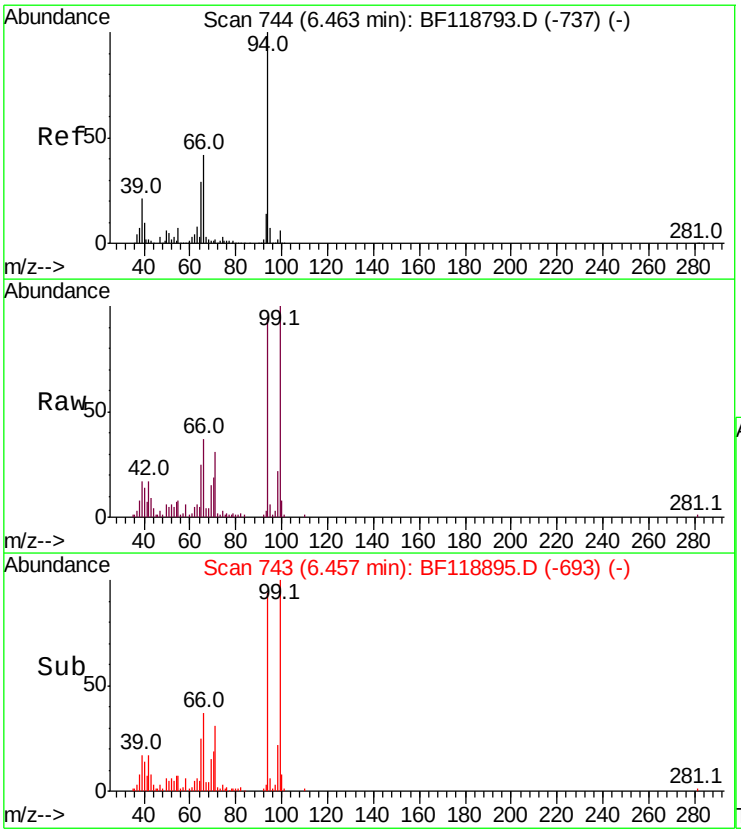
#7
Phenol-d6
Concen: 100.355 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Tgt Ion: 99 Resp: 1585578

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.4	20.0
71	35.9	29.0	43.6

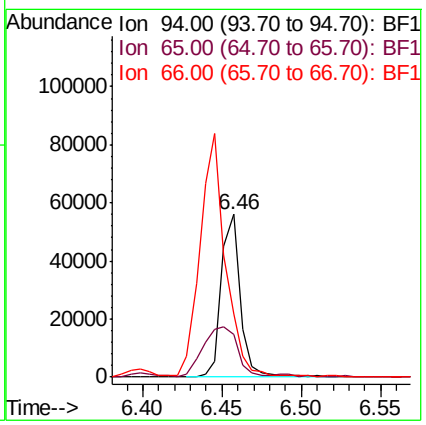


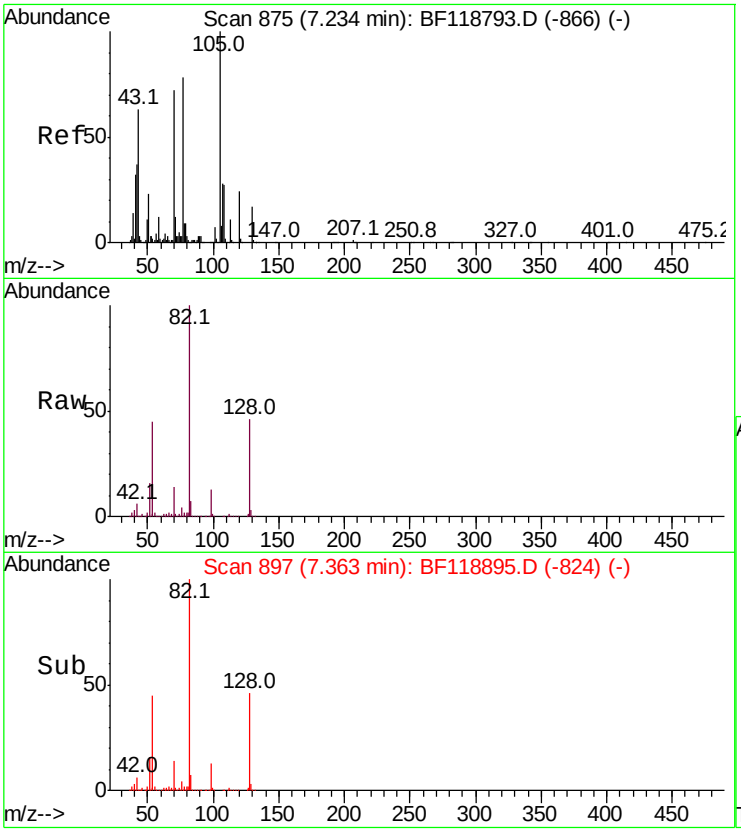


#10
Phenol
Concen: 2.649 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Tgt Ion: 94 Resp: 46531

Ion	Ratio	Lower	Upper
94	100		
65	26.5	9.1	49.1
66	39.0	21.7	61.7



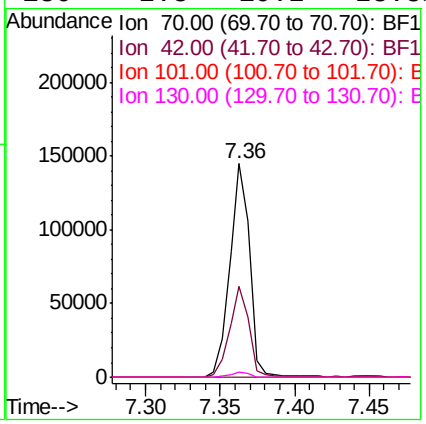


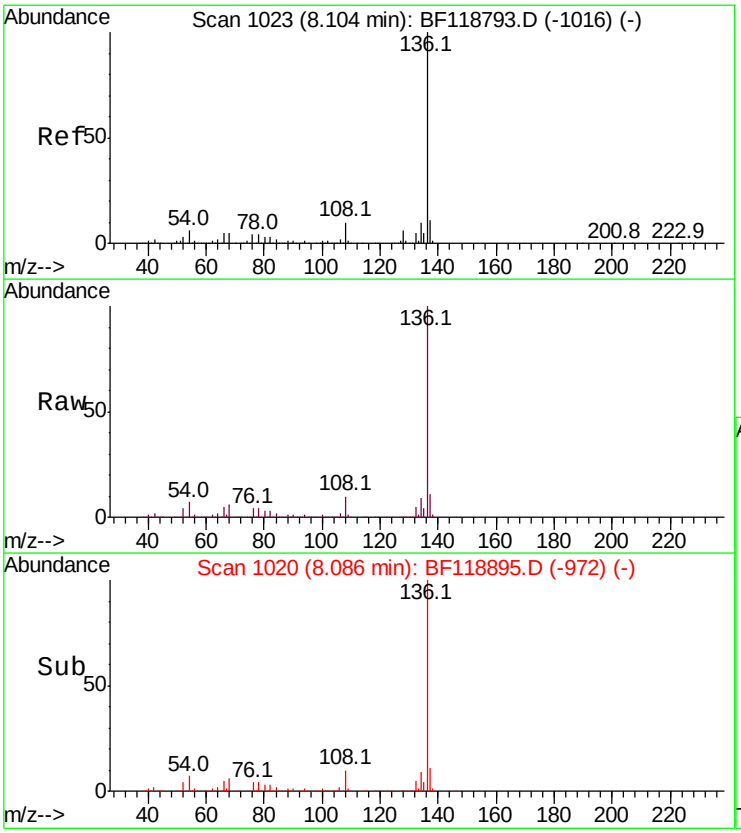
#19
n-Nitroso-di-n-propylamine
Concen: 14.115 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.13 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Tgt Ion: 70 Resp: 136450

Ion	Ratio	Lower	Upper
70	100		
42	42.5	41.5	62.3
101	0.0	8.3	12.5#
130	2.3	19.2	28.8#

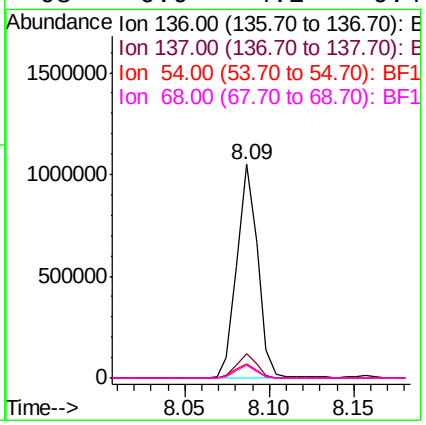


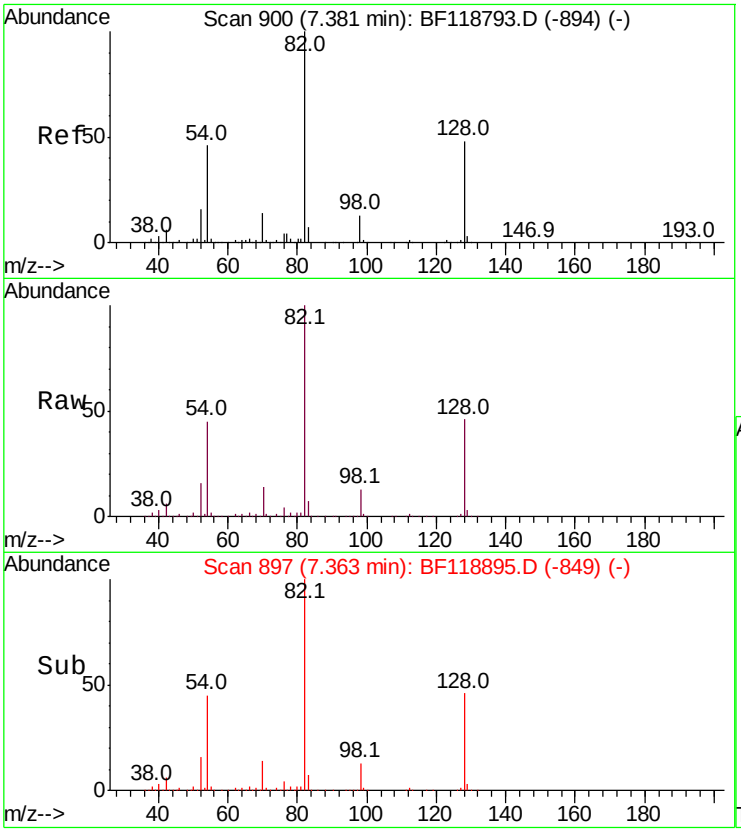


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Tgt Ion:136 Resp: 902126

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.8	5.0	7.6
68	6.0	4.2	6.4



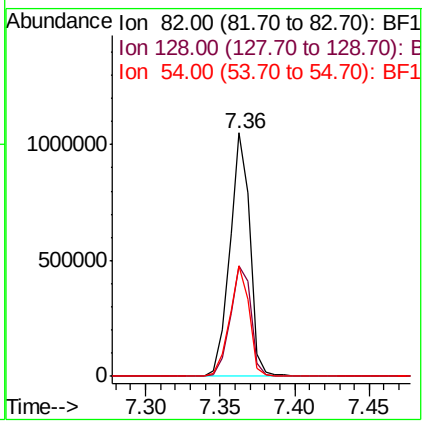


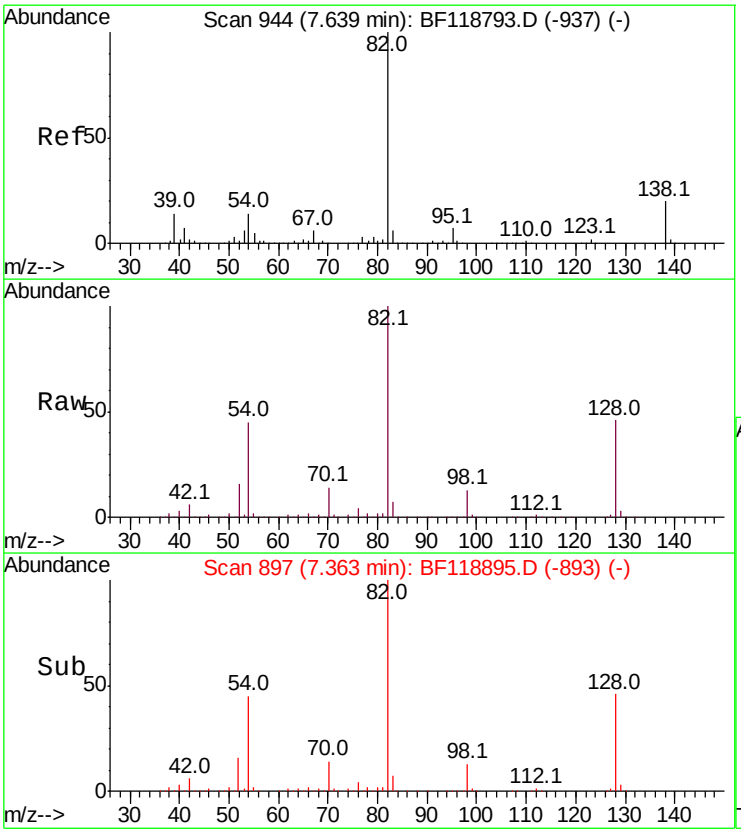
#23
Nitrobenzene-d5
Concen: 65.856 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Tgt Ion: 82 Resp: 996744

Ion	Ratio	Lower	Upper
82	100		
128	45.5	38.5	57.7
54	45.4	36.7	55.1

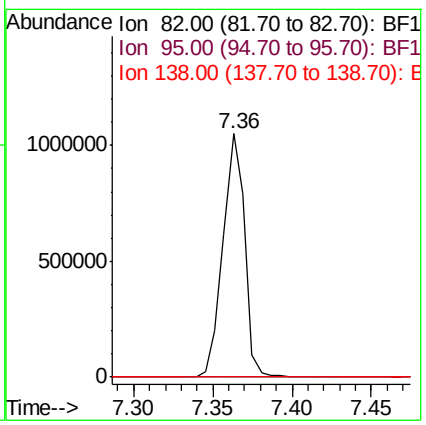


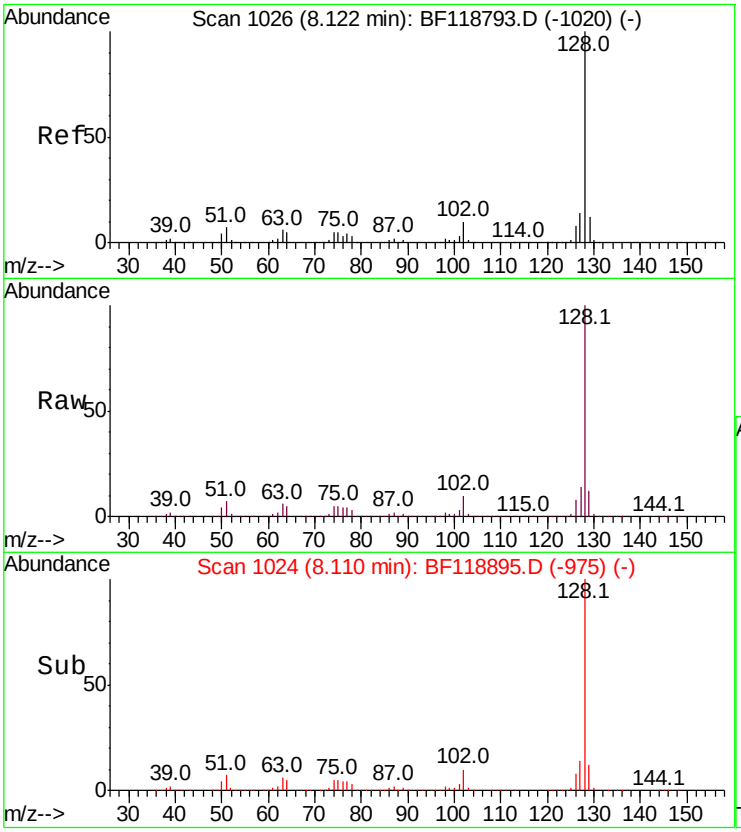


#25
Isophorone
Concen: 36.643 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.28 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Tgt Ion: 82 Resp: 996734

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	15.7	23.5#



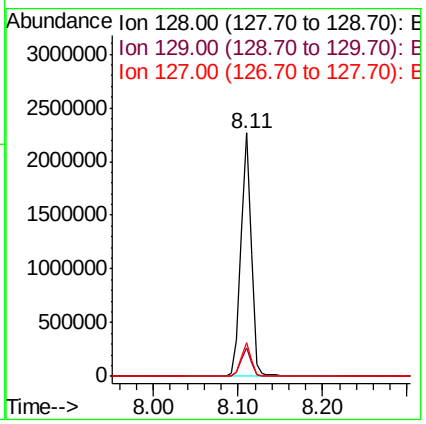


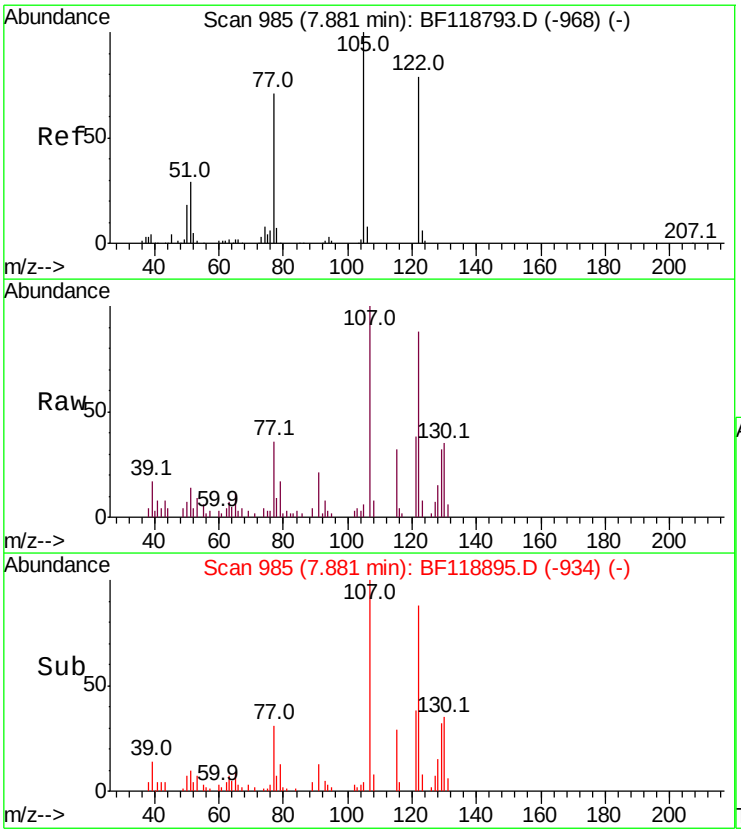
#31
Naphthalene
Concen: 45.895 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Tgt Ion:128 Resp: 1893605

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	14.1	11.3	16.9

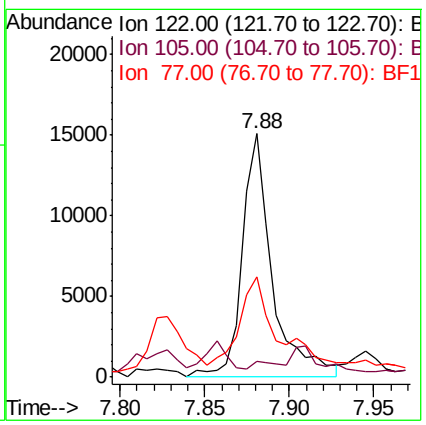


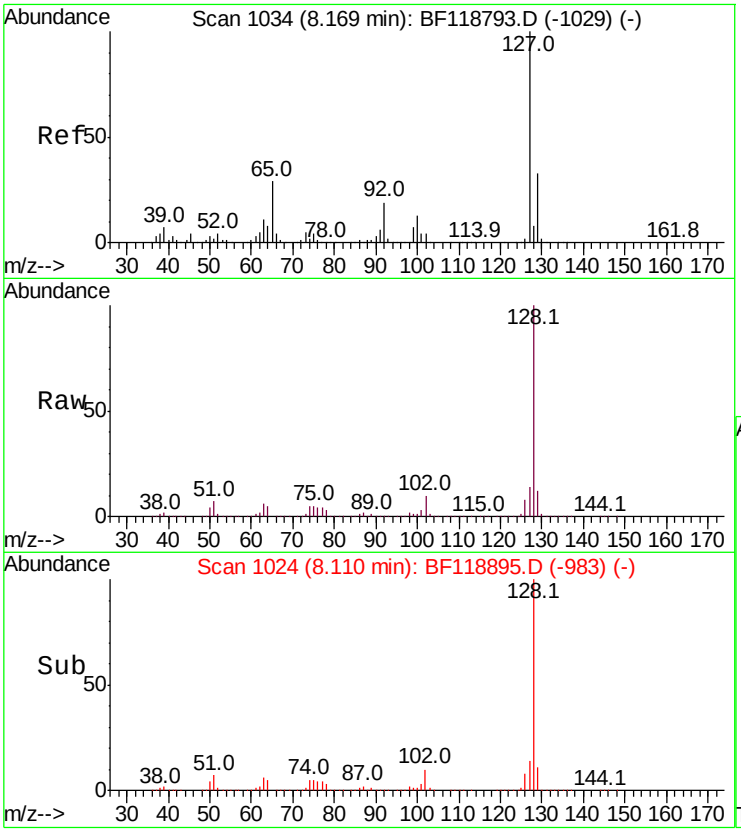


#32
Benzoic acid
Concen: 2.073 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Tgt Ion:122 Resp: 18780

Ion	Ratio	Lower	Upper
122	100		
105	6.6	104.4	144.4#
77	41.3	69.3	109.3#



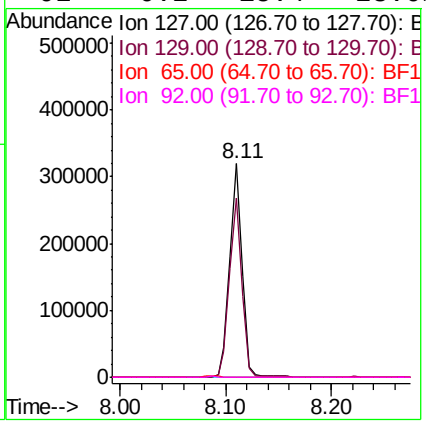


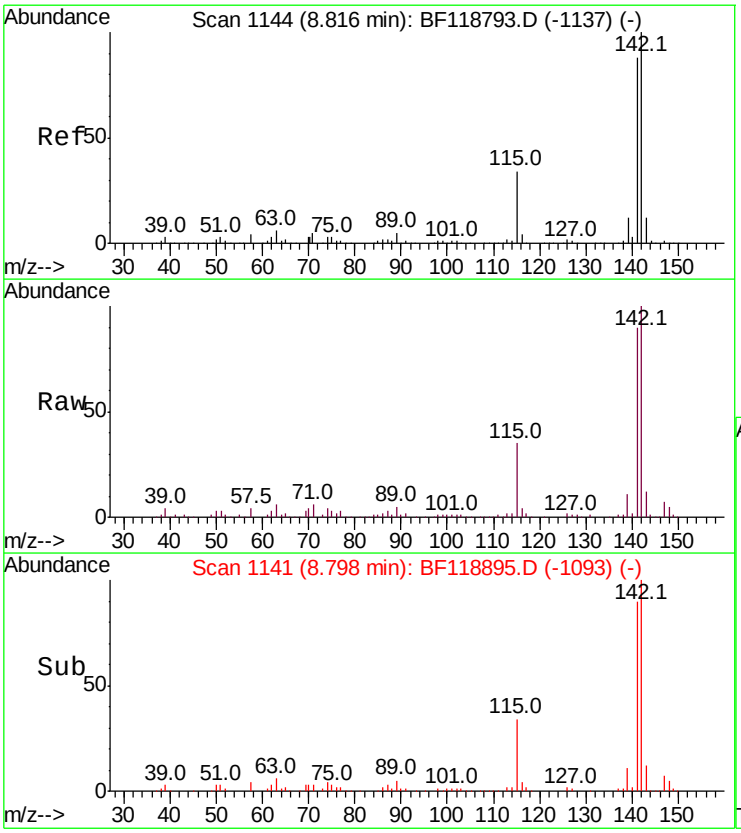
#33
4-Chloroaniline
Concen: 14.019 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.06 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Tgt Ion:127 Resp: 258791

Ion	Ratio	Lower	Upper
127	100		
129	83.7	26.7	40.1#
65	0.0	22.9	34.3#
92	0.2	15.4	23.0#

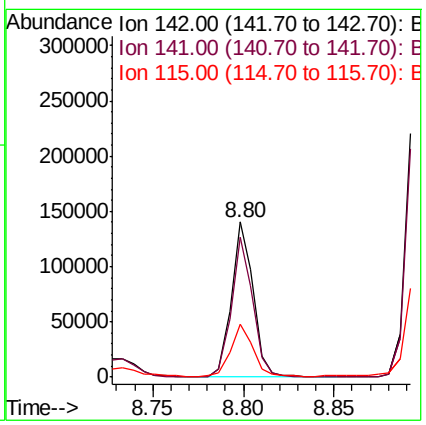


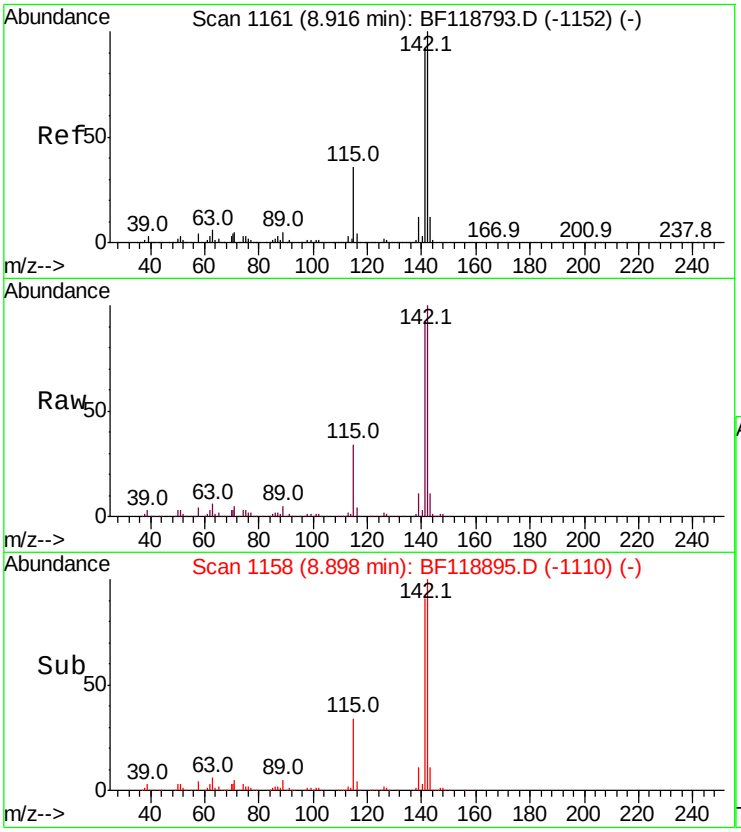


#37
2-Methylnaphthalene
Concen: 4.053 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Tgt Ion:142 Resp: 115992

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.1	105.1
115	34.5	27.3	40.9



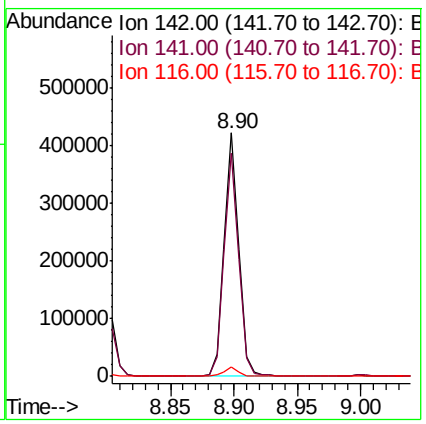


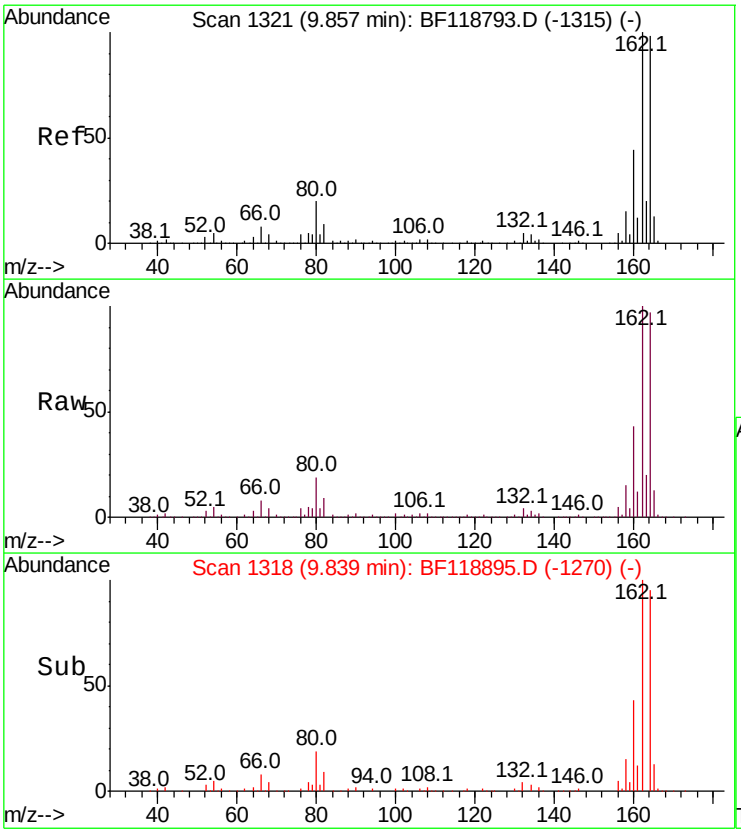
#38
1-Methylnaphthalene
Concen: 12.472 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Tgt Ion:142 Resp: 335722

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.8	110.6
116	3.7	3.0	4.4

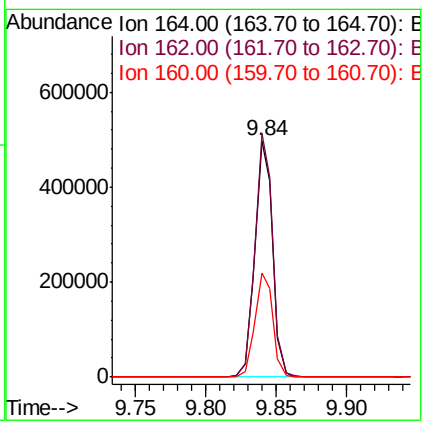


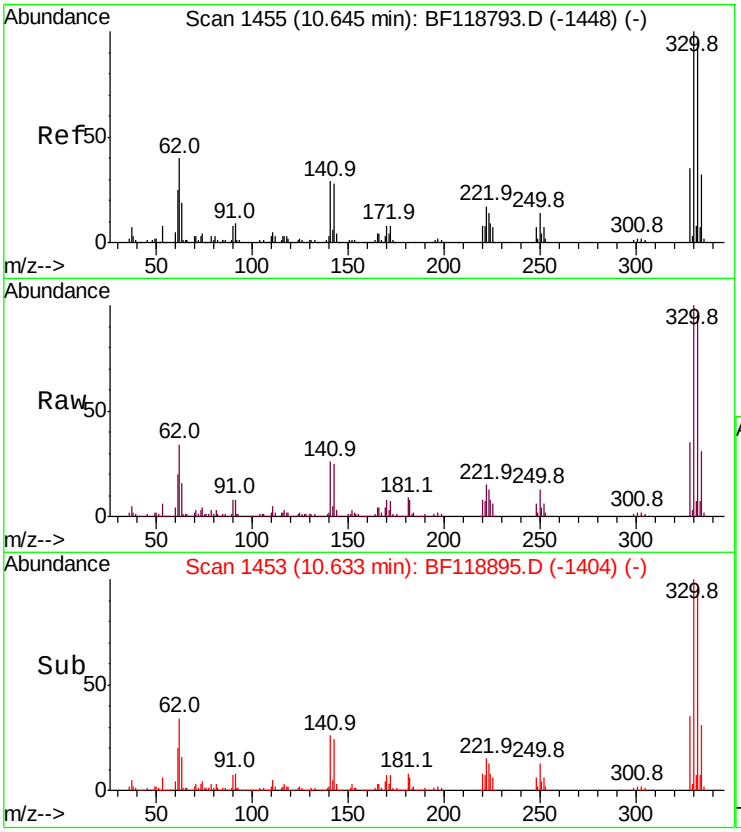


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Tgt Ion:164 Resp: 439867

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.4	122.2
160	44.0	35.6	53.4



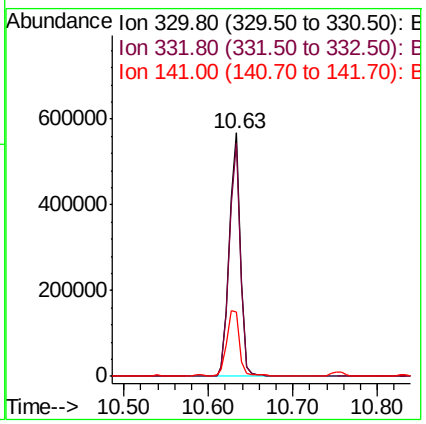


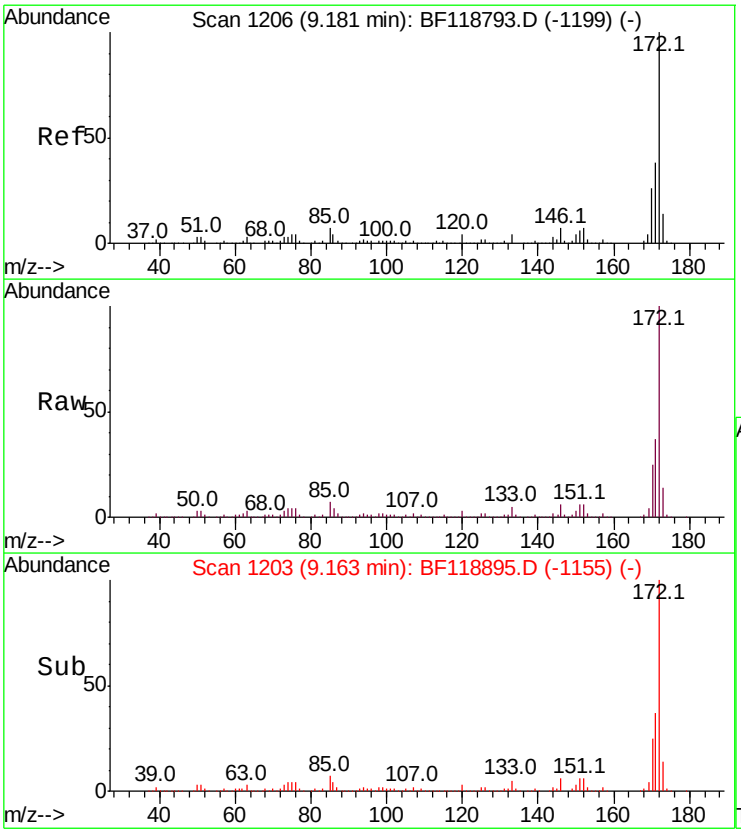
#42
2,4,6-Tribromophenol
Concen: 96.365 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Tgt Ion:330 Resp: 507183

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	30.2	22.4	33.6

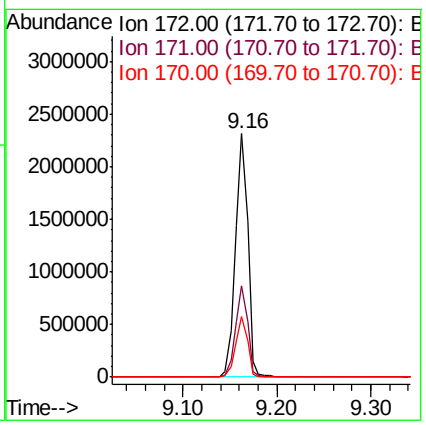


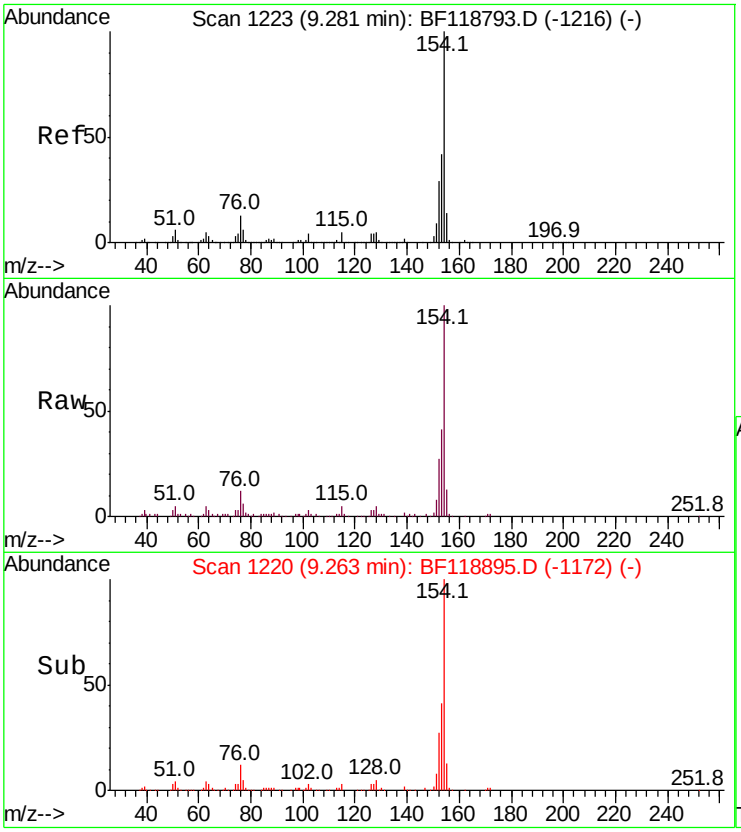


#45
2-Fluorobiphenyl
Concen: 85.742 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Tgt Ion:172 Resp: 2109709

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	24.8	20.5	30.7



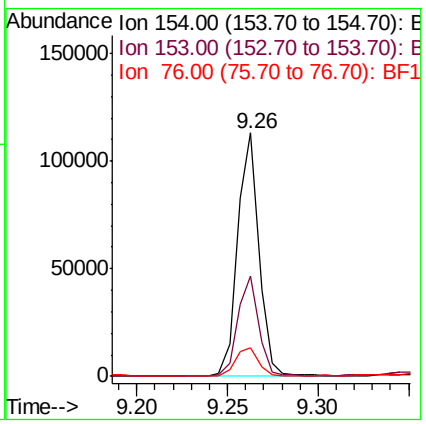


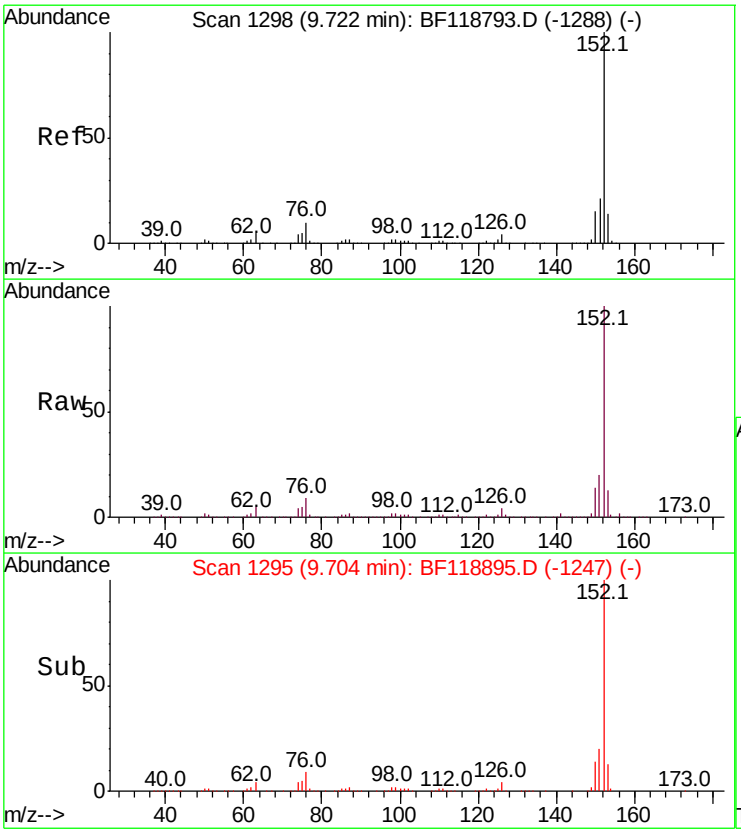
#46
1,1'-Biphenyl
Concen: 3.054 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.02 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Tgt Ion:154 Resp: 92928

Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.4	62.4
76	11.6	0.0	32.7

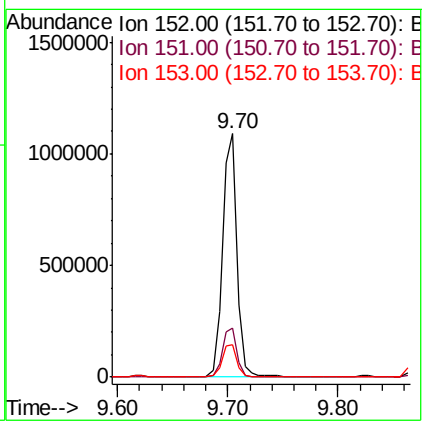


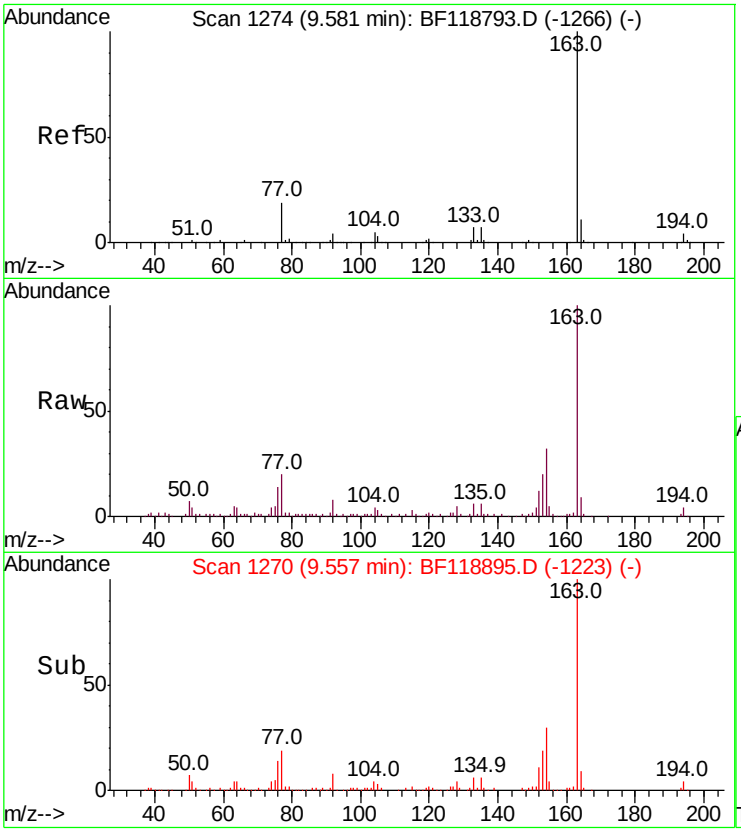


#49
Acenaphthylene
Concen: 26.983 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Tgt Ion:152 Resp: 985498

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.1	25.7
153	13.2	11.0	16.4



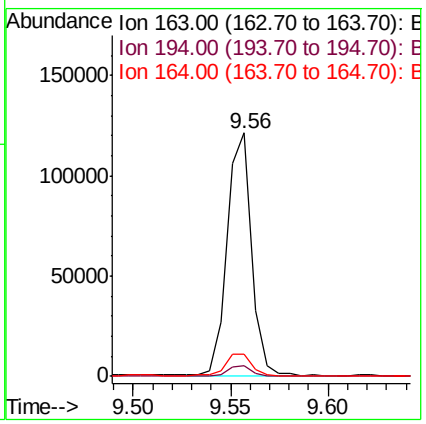


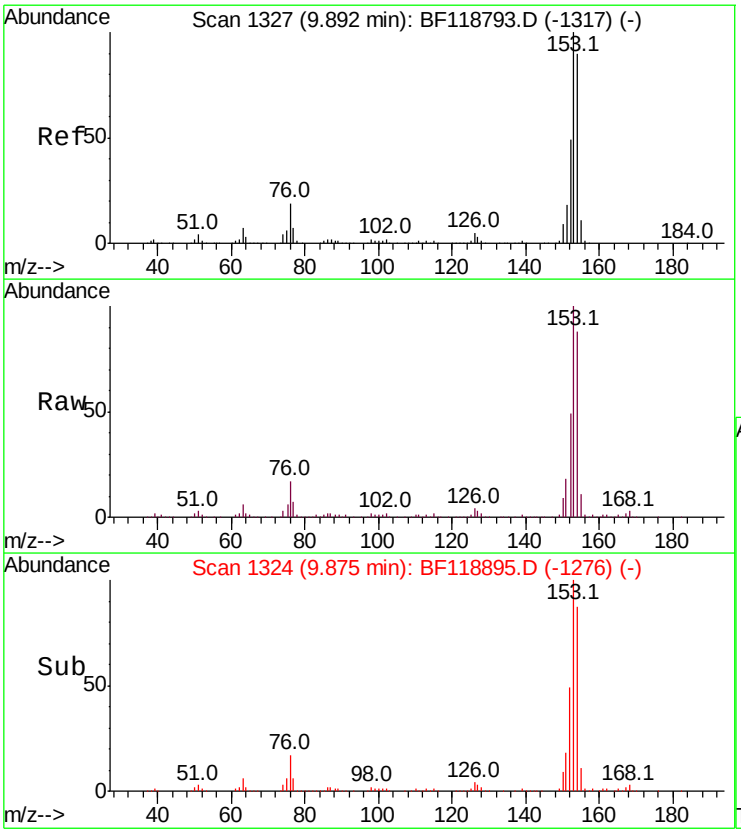
#50
Dimethylphthalate
Concen: 3.541 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Tgt Ion:163 Resp: 106065

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	9.1	8.7	13.1

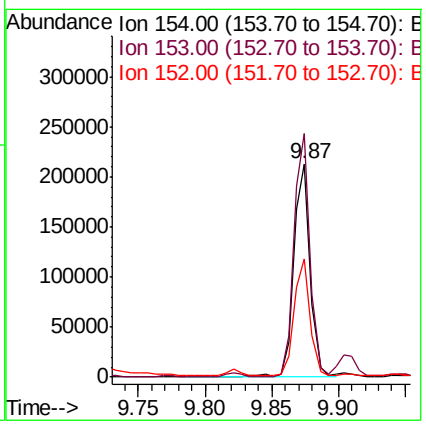


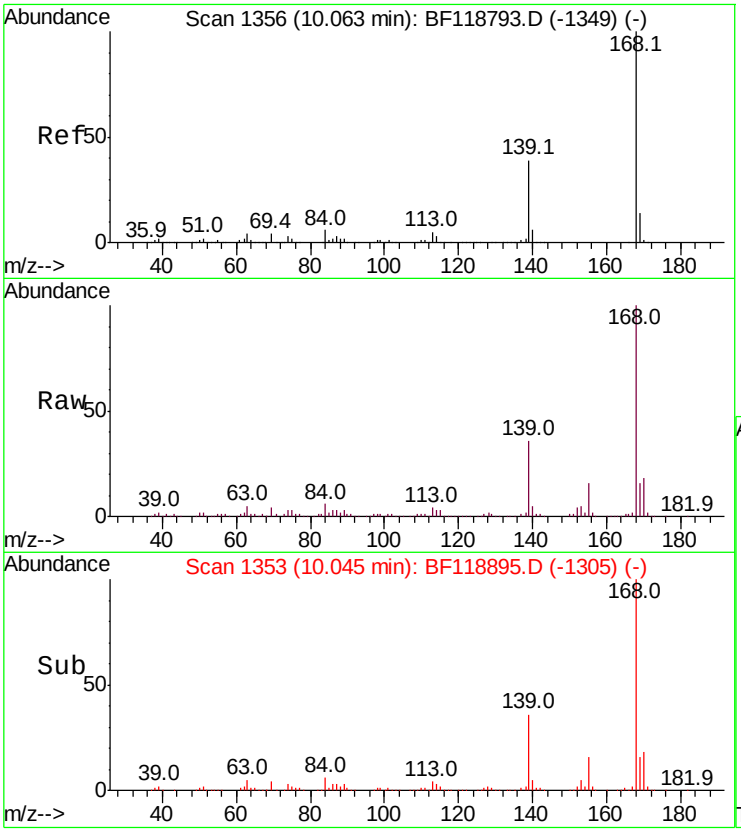


#52
Acenaphthene
Concen: 7.533 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Tgt Ion:154 Resp: 181304

Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.4	134.0
152	55.7	43.6	65.4



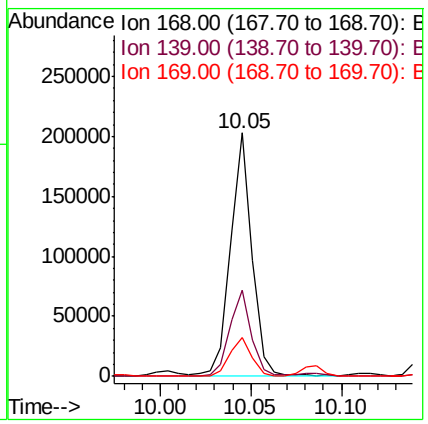


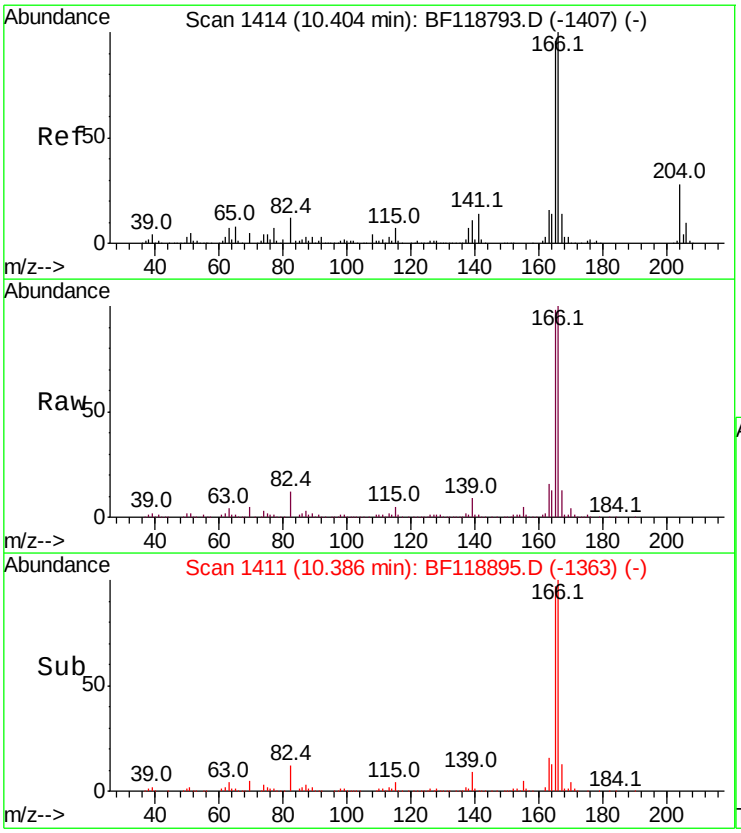
#55
Dibenzofuran
Concen: 4.779 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Tgt Ion:168 Resp: 166216

Ion	Ratio	Lower	Upper
168	100		
139	35.6	31.6	47.4
169	16.1	11.4	17.2

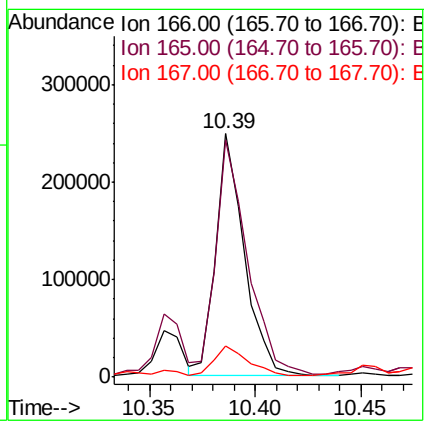


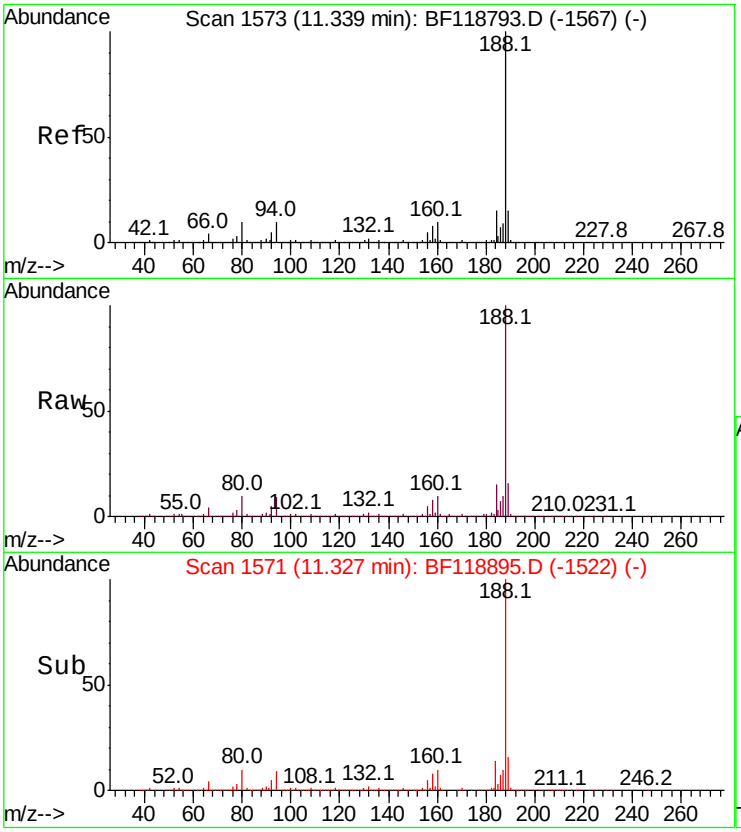


#58
Fluorene
Concen: 8.909 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Tgt Ion:166 Resp: 233129

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.0	115.6
167	13.0	11.1	16.7



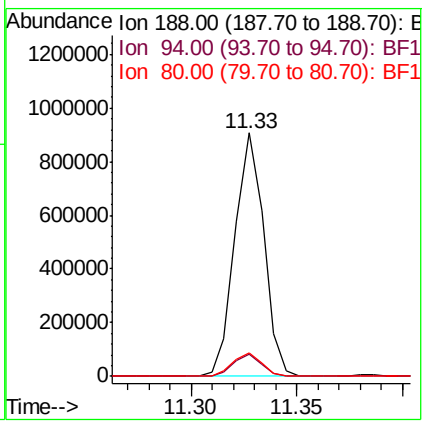


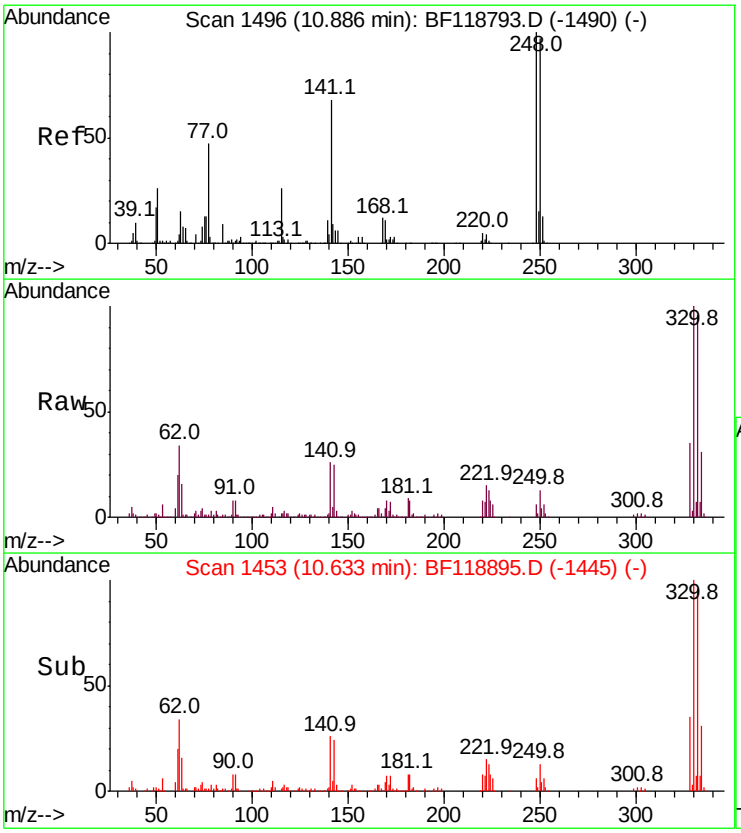
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Tgt Ion:188 Resp: 858527

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.9	11.9
80	9.8	8.4	12.6

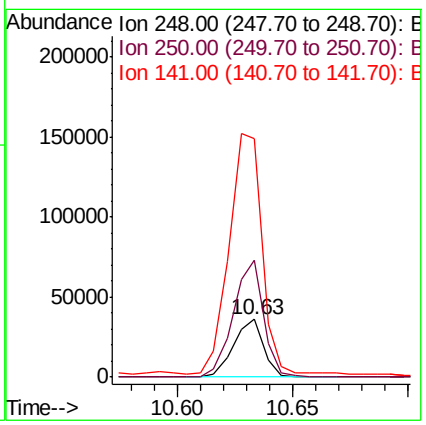


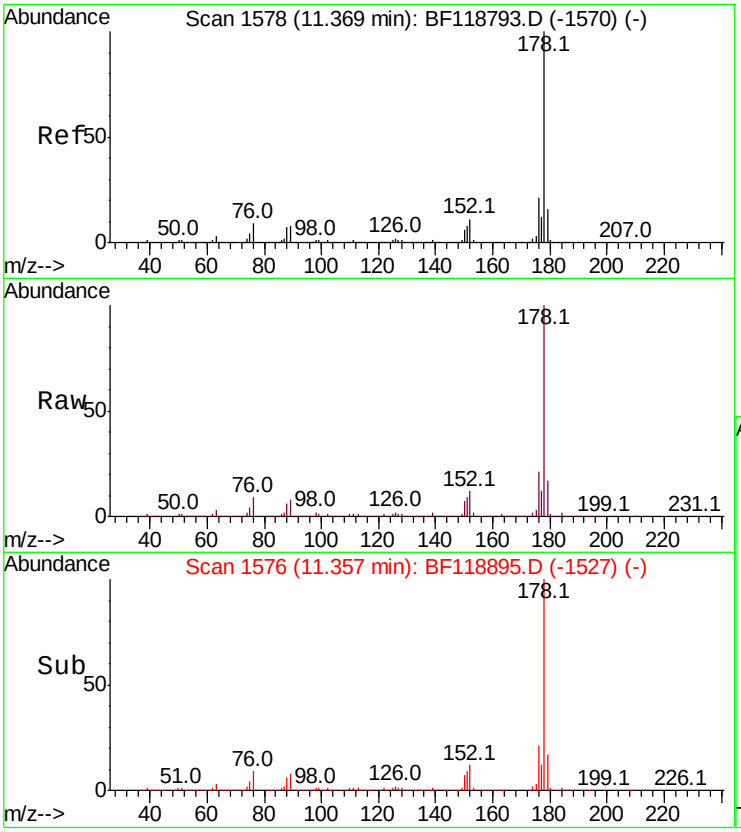


#67
4-Bromophenyl-phenylether
Concen: 3.217 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Tgt Ion:248 Resp: 32668

Ion	Ratio	Lower	Upper
248	100		
250	202.9	77.6	116.4#
141	414.2	54.4	81.6#



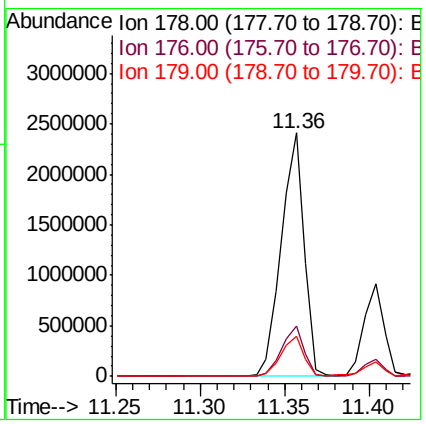


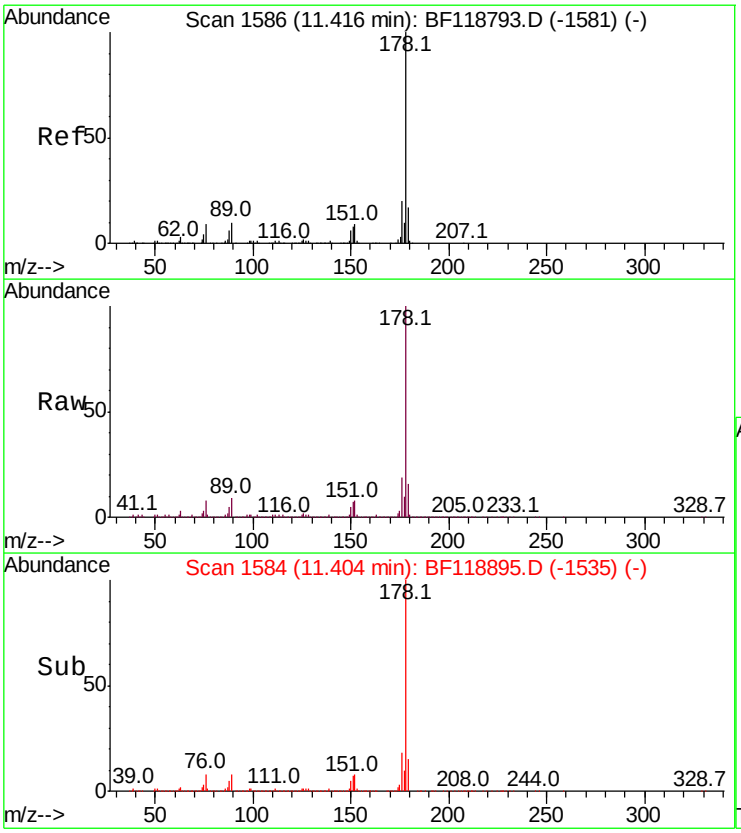
#71
Phenanthrene
Concen: 53.911 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Tgt Ion:178 Resp: 2277253

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.6	24.8
179	16.6	13.2	19.8

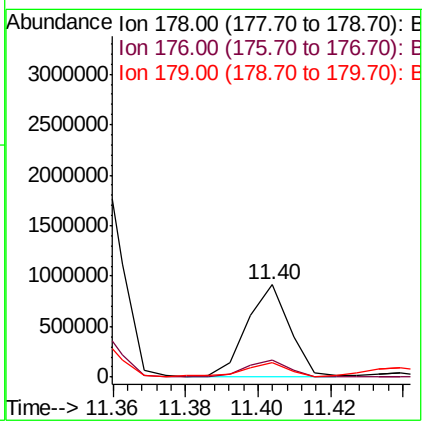


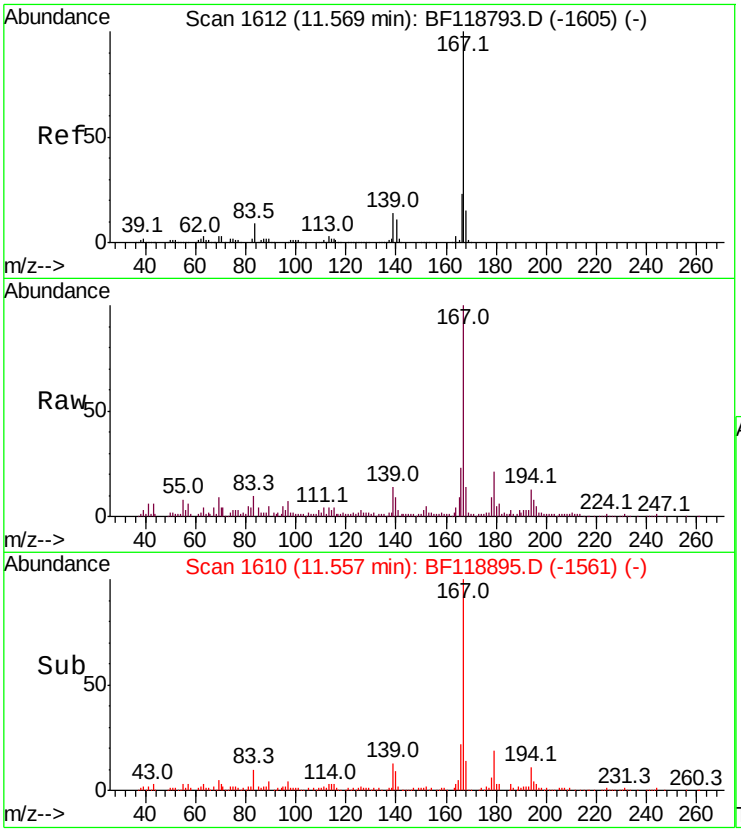


#72
Anthracene
Concen: 17.404 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Tgt Ion:178 Resp: 731345

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.2
179	15.7	13.4	20.2



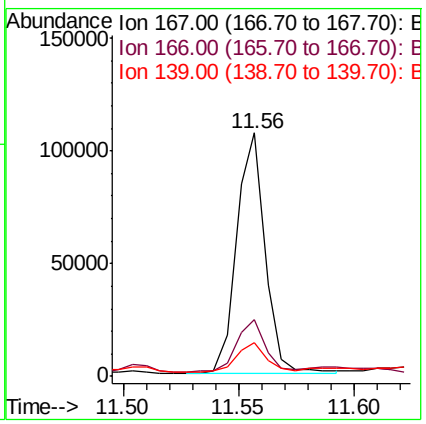


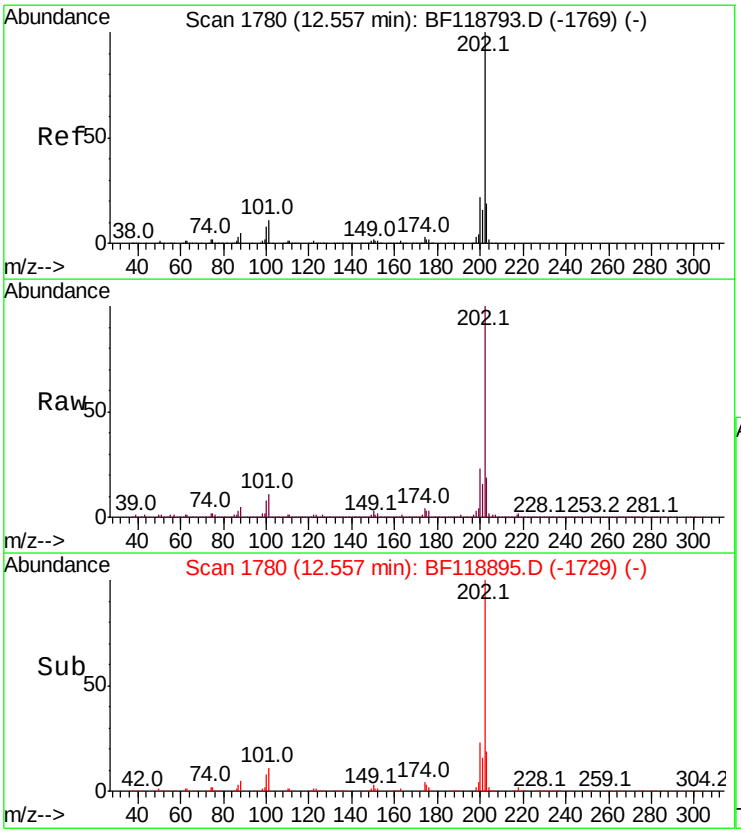
#73
Carbazole
Concen: 2.477 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Tgt Ion:167 Resp: 91366

Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.4	27.6
139	13.8	11.1	16.7

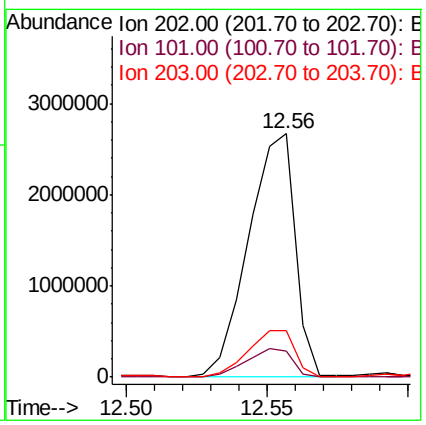


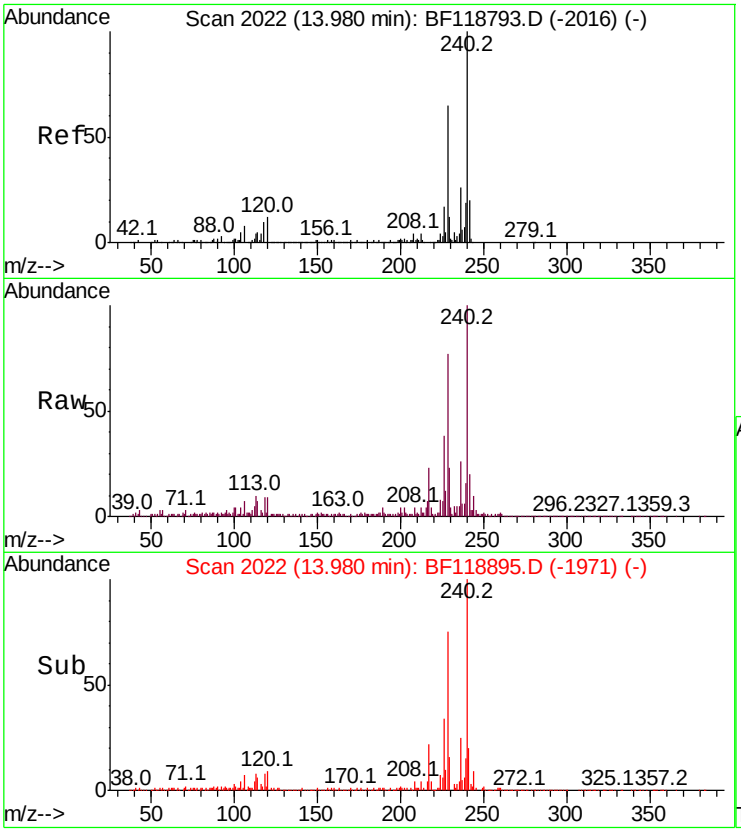


#75
Fluoranthene
Concen: 66.037 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Tgt Ion:202 Resp: 3045581

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.0
203	19.2	0.0	38.7



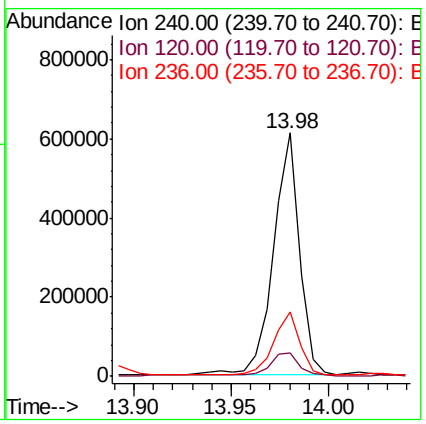


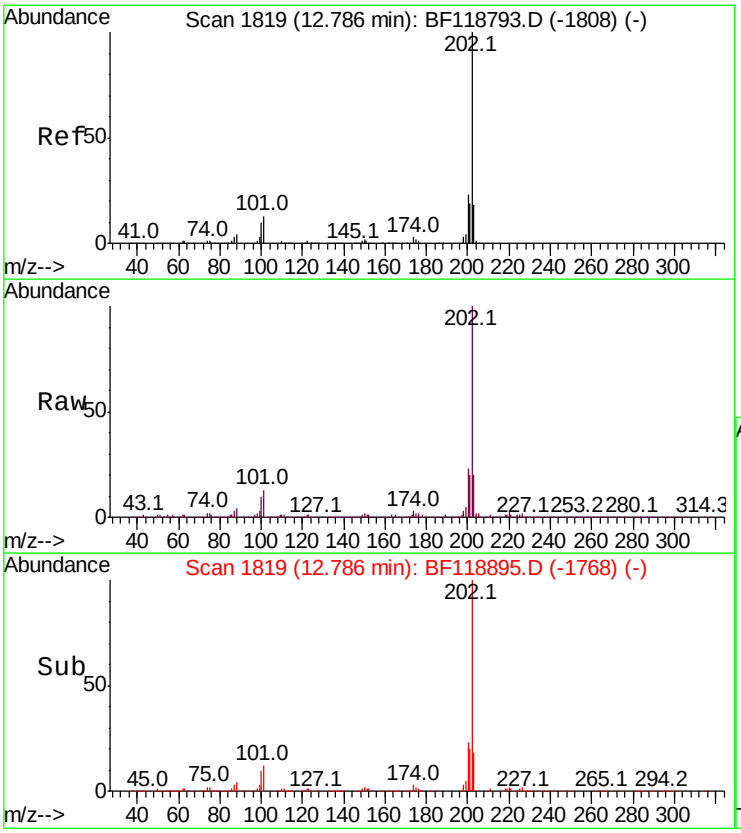
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Tgt Ion:240 Resp: 564277

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.4	14.0
236	26.2	21.0	31.6

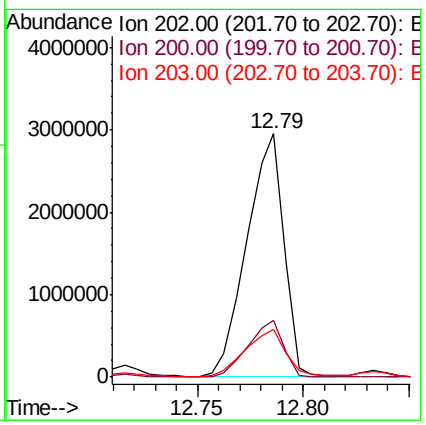


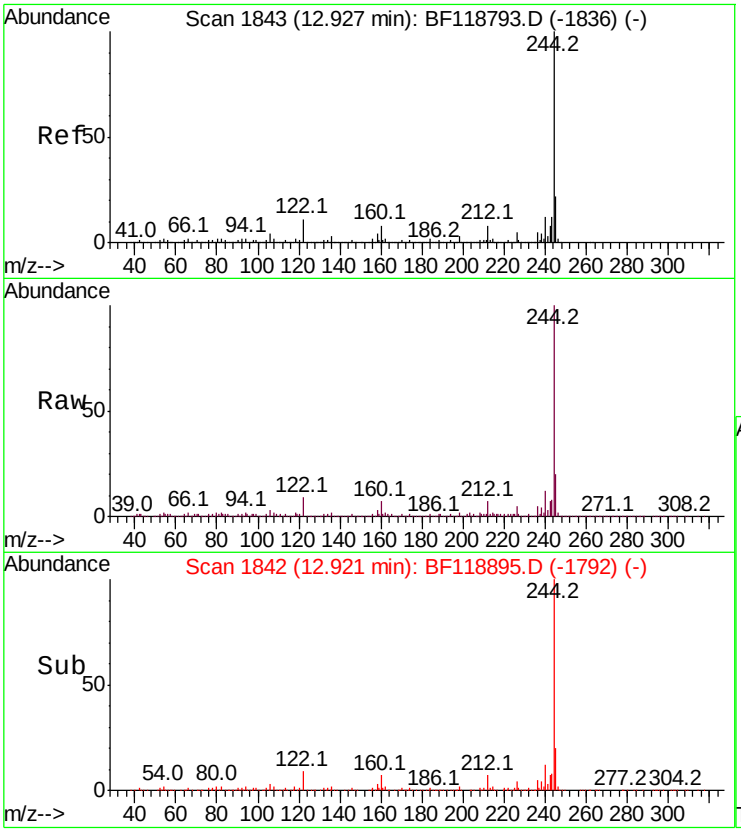


#78
Pyrene
Concen: 91.999 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Tgt Ion:202 Resp: 3561346

Ion	Ratio	Lower	Upper
202	100		
200	23.5	18.2	27.2
203	19.8	14.8	22.2



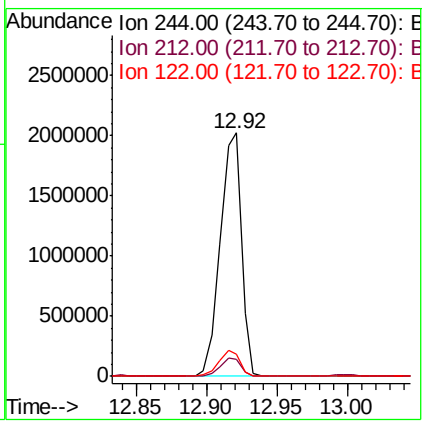


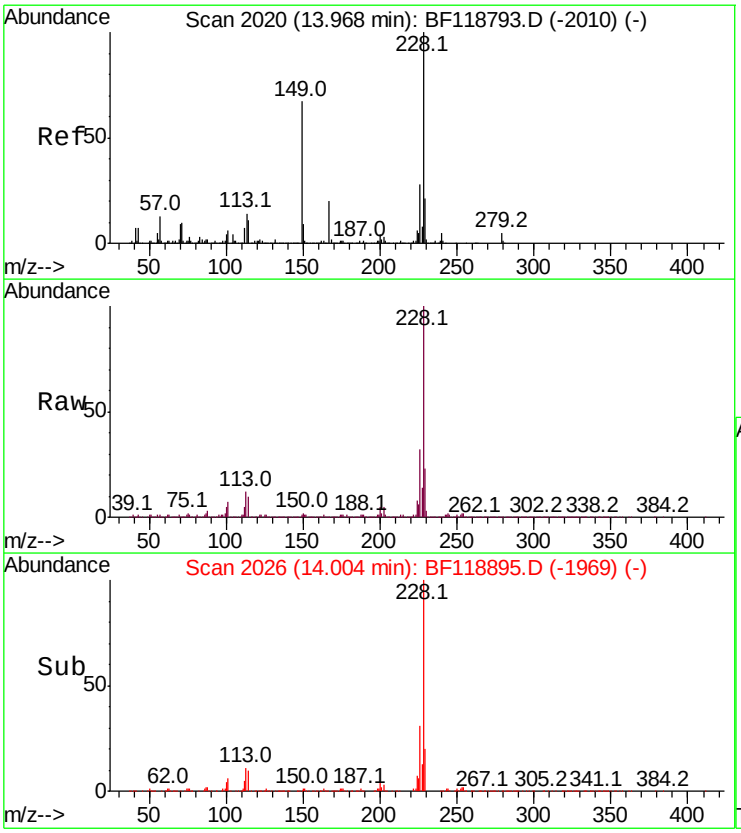
#79
Terphenyl-d14
Concen: 76.972 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Tgt Ion:244 Resp: 2114535

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	9.2	8.9	13.3

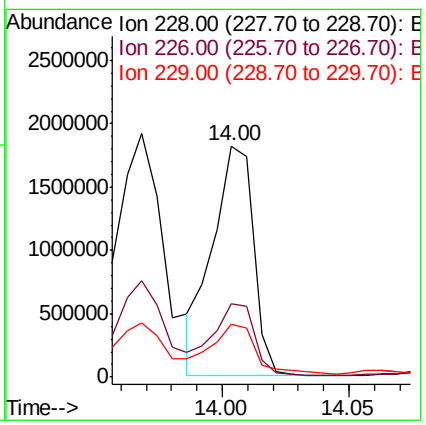


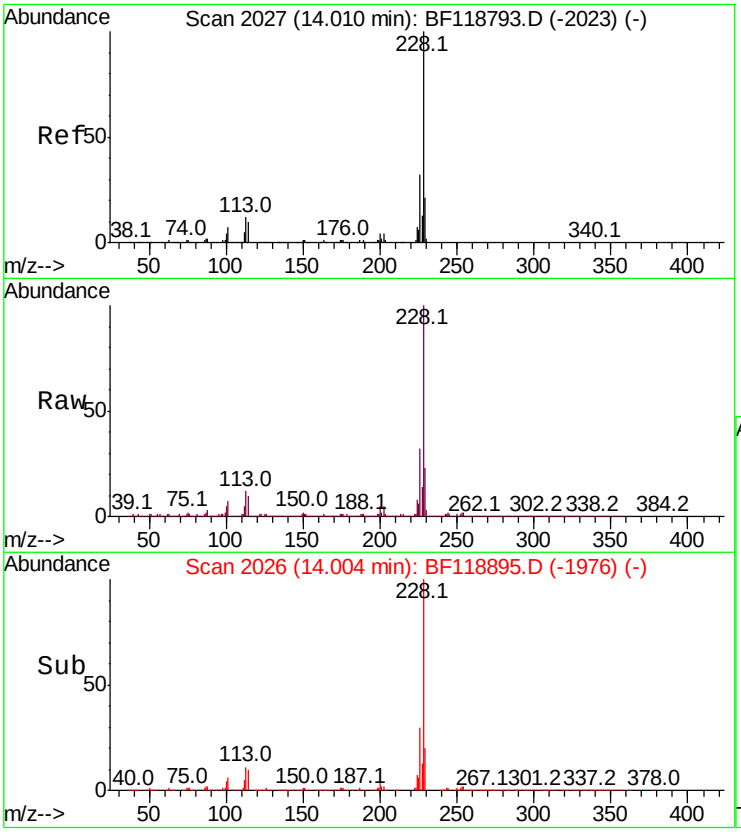


#81
Benzo(a)anthracene
Concen: 60.969 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.04 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Tgt Ion:228 Resp: 2047218

Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.7	34.1
229	22.8	16.6	25.0



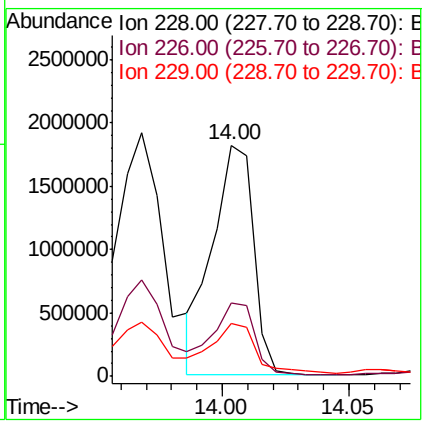


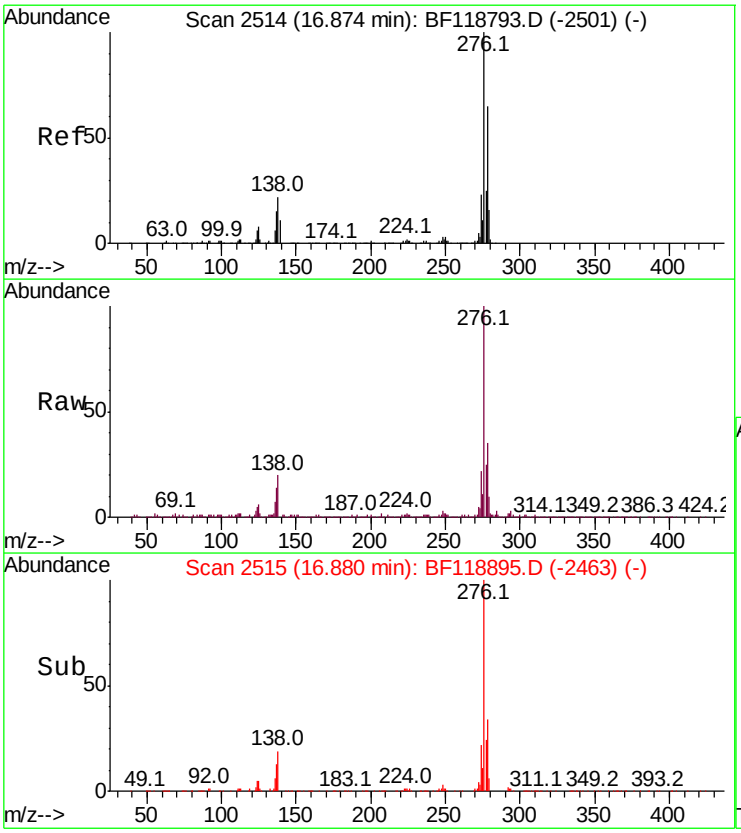
#83
Chrysene
Concen: 60.747 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Tgt Ion:228 Resp: 2047218

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.4	38.0
229	22.8	16.9	25.3

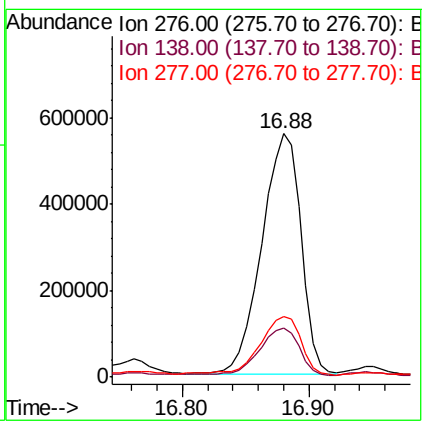


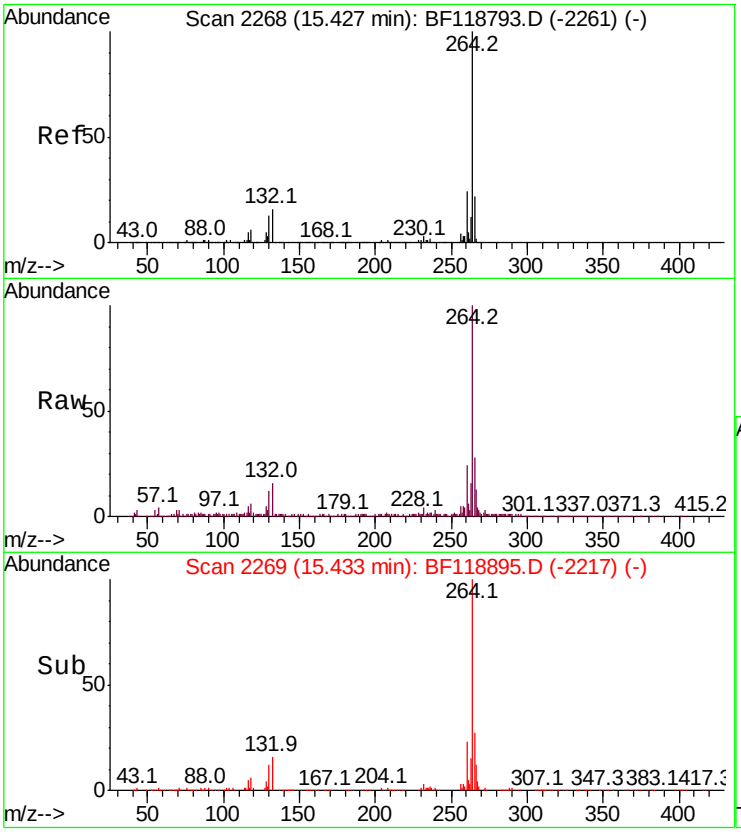


#86
Indeno(1,2,3-cd)pyrene
Concen: 35.312 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Tgt Ion:276 Resp: 1195646

Ion	Ratio	Lower	Upper
276	100		
138	20.1	18.3	27.5
277	25.6	20.2	30.4



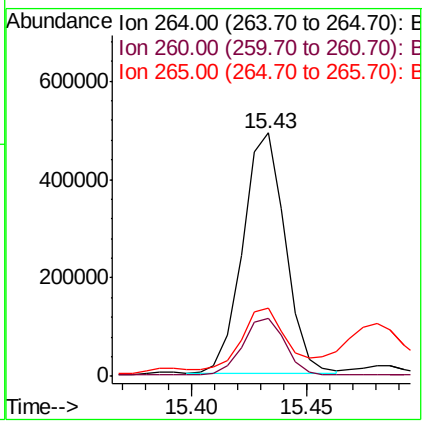


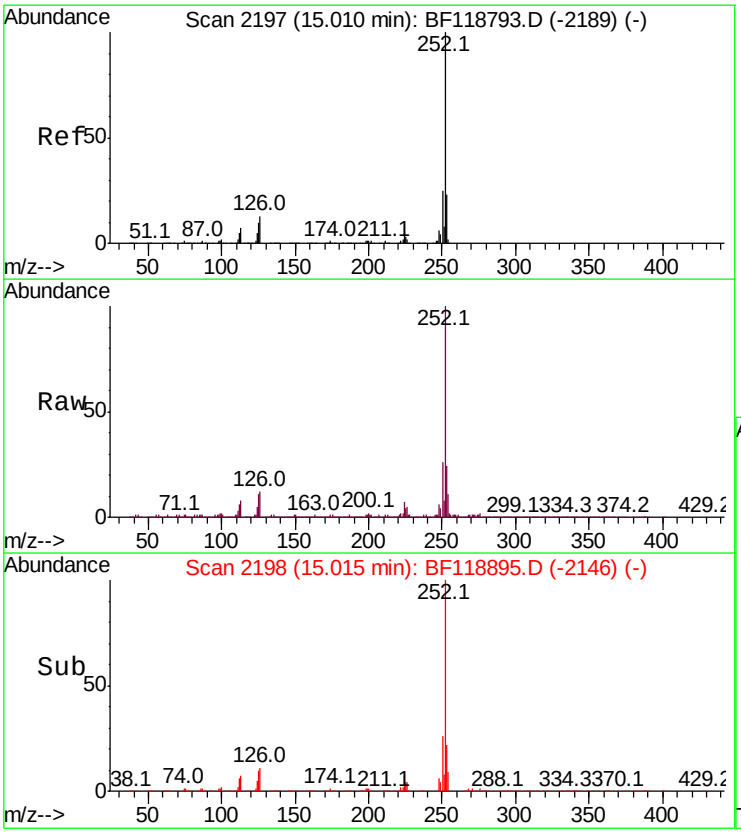
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Tgt Ion:264 Resp: 629949

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	27.8	17.2	25.8#

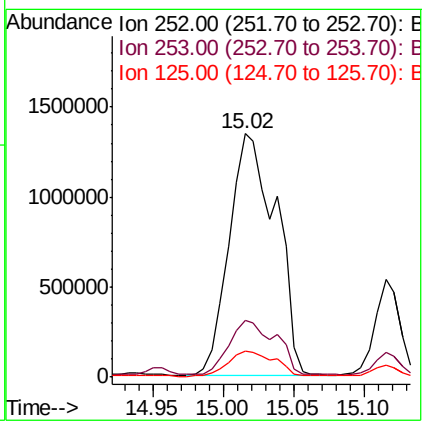


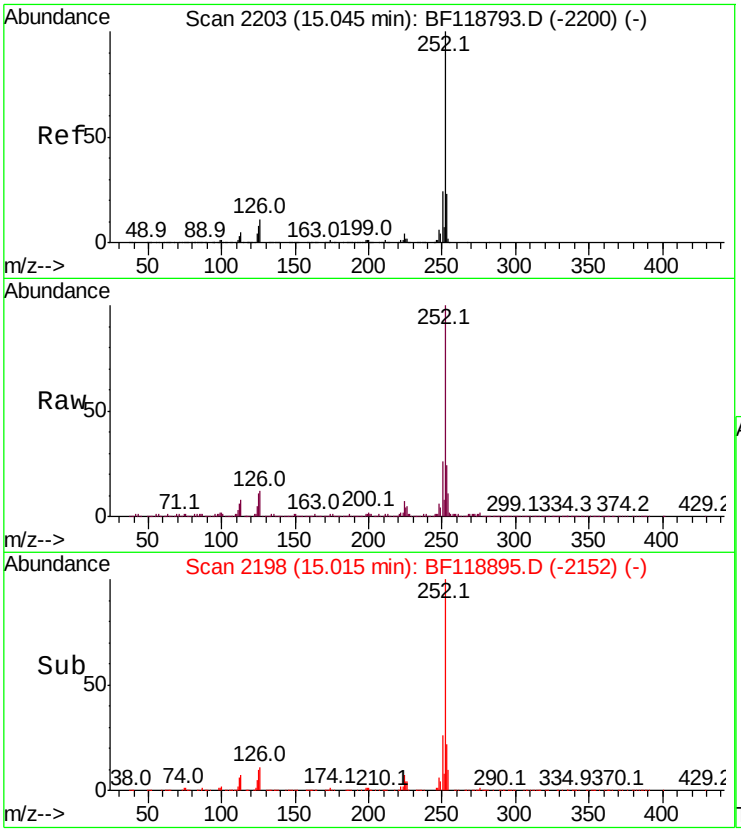


#88
Benzo(b)fluoranthene
Concen: 79.735 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Tgt Ion:252 Resp: 3116798

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	10.8	8.1	12.1



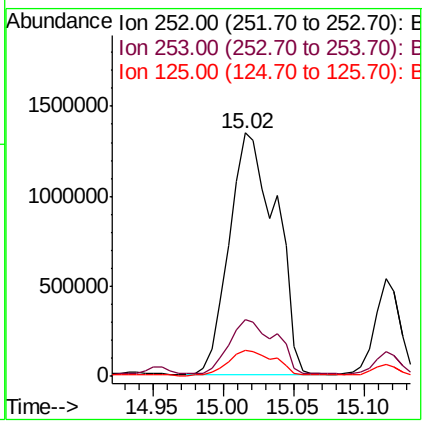


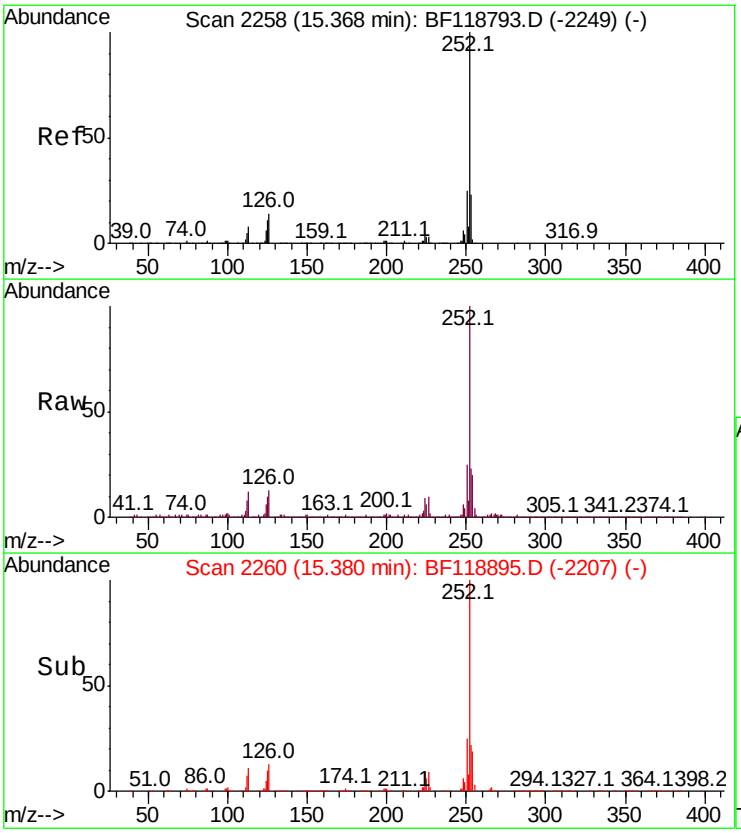
#89
Benzo(k)fluoranthene
Concen: 91.565 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.03 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Tgt Ion:252 Resp: 3116798

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	10.8	7.0	10.6#

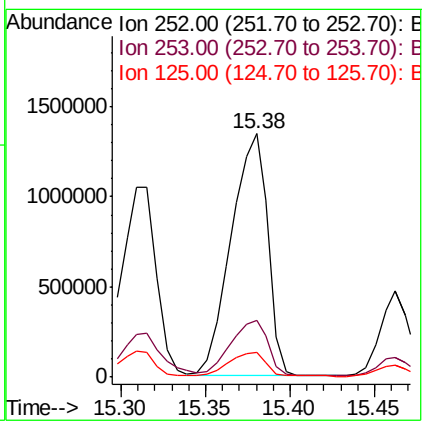


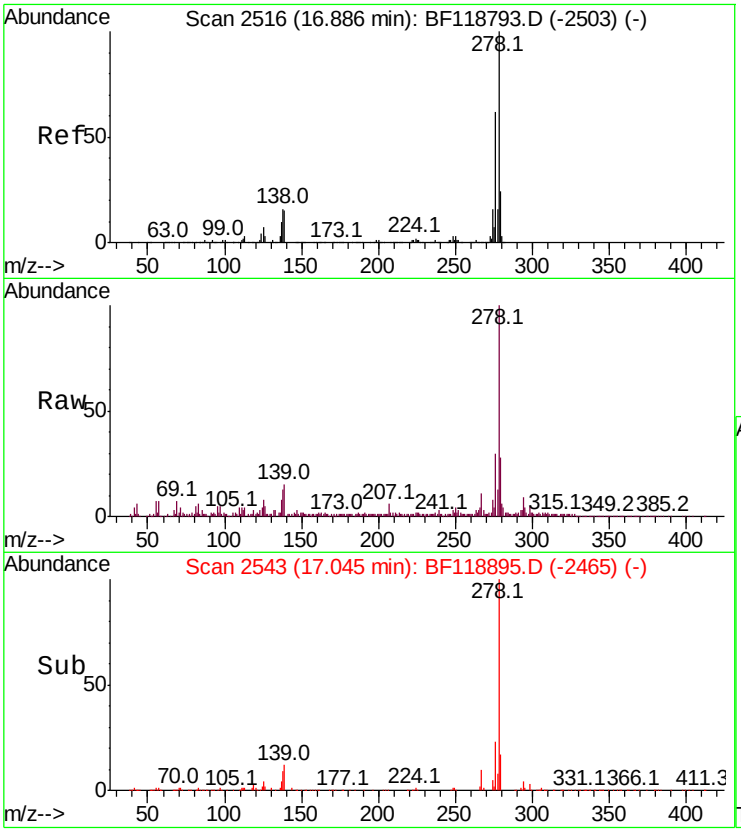


#90
Benzo(a)pyrene
Concen: 60.548 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Tgt Ion:252 Resp: 2025513

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	10.4	8.7	13.1



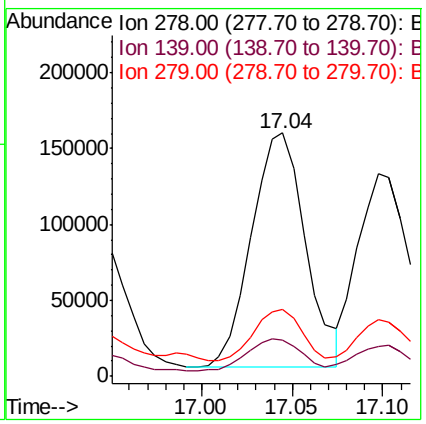


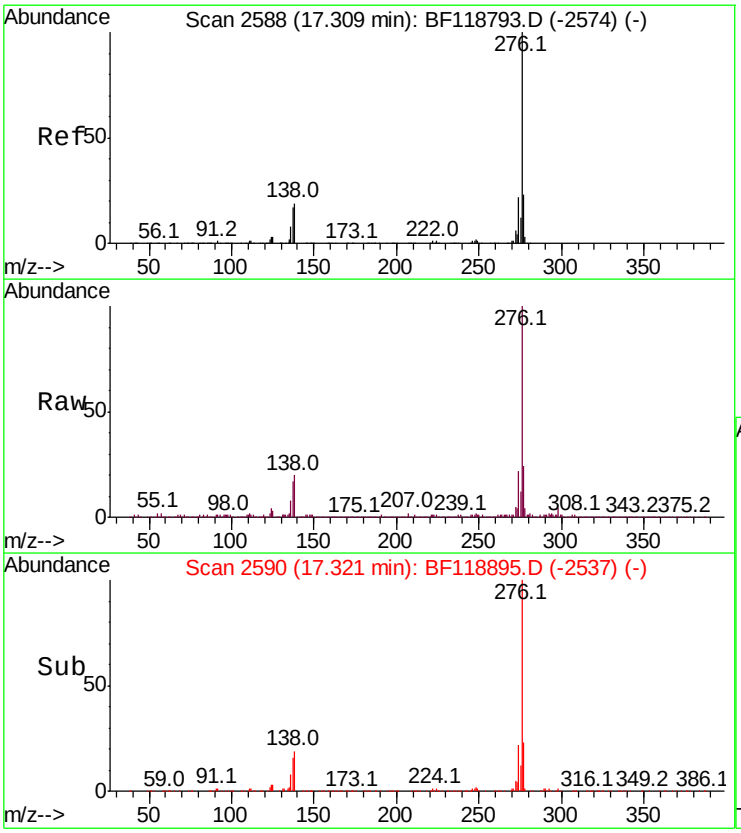
#91
Dibenzo(a,h)anthracene
Concen: 10.758 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.16 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Tgt Ion:278 Resp: 319479

Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.3	18.5
279	27.6	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 41.932 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.01 min
Lab File: BF118895.D
Acq: 11 Feb 2020 20:34

Tgt Ion:276 Resp: 1197598

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	19.6	15.4	23.2