Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021420\
Data File : BF118944.D
Acq On : 14 Feb 2020 21:07
Operator : CG/JU
Sample : L1482-02DLRE 25X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 15 03:39:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 14 00:49:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	190960	20.00	ng		-0.04
21) Naphthalene-d8	8.06	136	720792	20.00	ng		-0.05
39) Acenaphthene-d10	9.81	164	529408	20.00	ng		-0.05
64) Phenanthrene-d10	11.29	188	847966	20.00	ng		-0.05
76) Chrysene-d12	13.93	240	637916	20.00	ng		-0.05
87) Perylene-d12	15.36	264	722528	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	39965	3.96	ng		-0.04
7) Phenol-d6	6.41	99	53693	4.29	ng		-0.04
23) Nitrobenzene-d5	7.33	82	33136	2.74	ng		-0.05
42) 2,4,6-Tribromophenol	10.60	330	17691	2.79	ng		-0.05
45) 2-Fluorobiphenyl	9.13	172	107585	3.63	ng		-0.05
79) Terphenyl-d14	12.87	244	105964	3.41	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.34	77	1031	Below Cal		#	1
31) Naphthalene	8.09	128	2608296	79.121	ng		99
33) 4-Chloroaniline	8.09	127	367913	24.945	ng	#	38
37) 2-Methylnaphthalene	8.77	142	861532	37.681	ng		98
38) 1-Methylnaphthalene	8.87	142	641196	29.812	ng		100
46) 1,1'-Biphenyl	9.23	154	231358	6.318	ng		97
49) Acenaphthylene	9.67	152	471775	10.732	ng		96
52) Acenaphthene	9.84	154	101885	3.517	ng		99
55) Dibenzofuran	10.02	168	280192	6.693	ng	#	92
58) Fluorene	10.36	166	682057	21.657	ng		99
71) Phenanthrene	11.32	178	2576804	61.762	ng		100
72) Anthracene	11.37	178	563484	13.576	ng		97
73) Carbazole	11.52	167	103771	2.849	ng		97
75) Fluoranthene	12.50	202	1403989	30.822	ng		98
78) Pyrene	12.73	202	1711822	39.116	ng		99
81) Benzo(a)anthracene	13.96	228	725513	19.113	ng		96
83) Chrysene	13.96	228	725513	19.043	ng		98
86) Indeno(1,2,3-cd)pyrene	16.77	276	332074	8.675	ng		96
88) Benzo(b)fluoranthene	14.95	252	940339	20.974	ng		98
89) Benzo(k)fluoranthene	14.95	252	940339	24.085	ng		98
90) Benzo(a)pyrene	15.30	252	709211	18.484	ng		99
91) Dibenzo(a,h)anthracene	16.78	278	99876	2.932	ng	#	80
92) Benzo(g,h,i)perylene	17.20	276	341442	10.423	ng		99

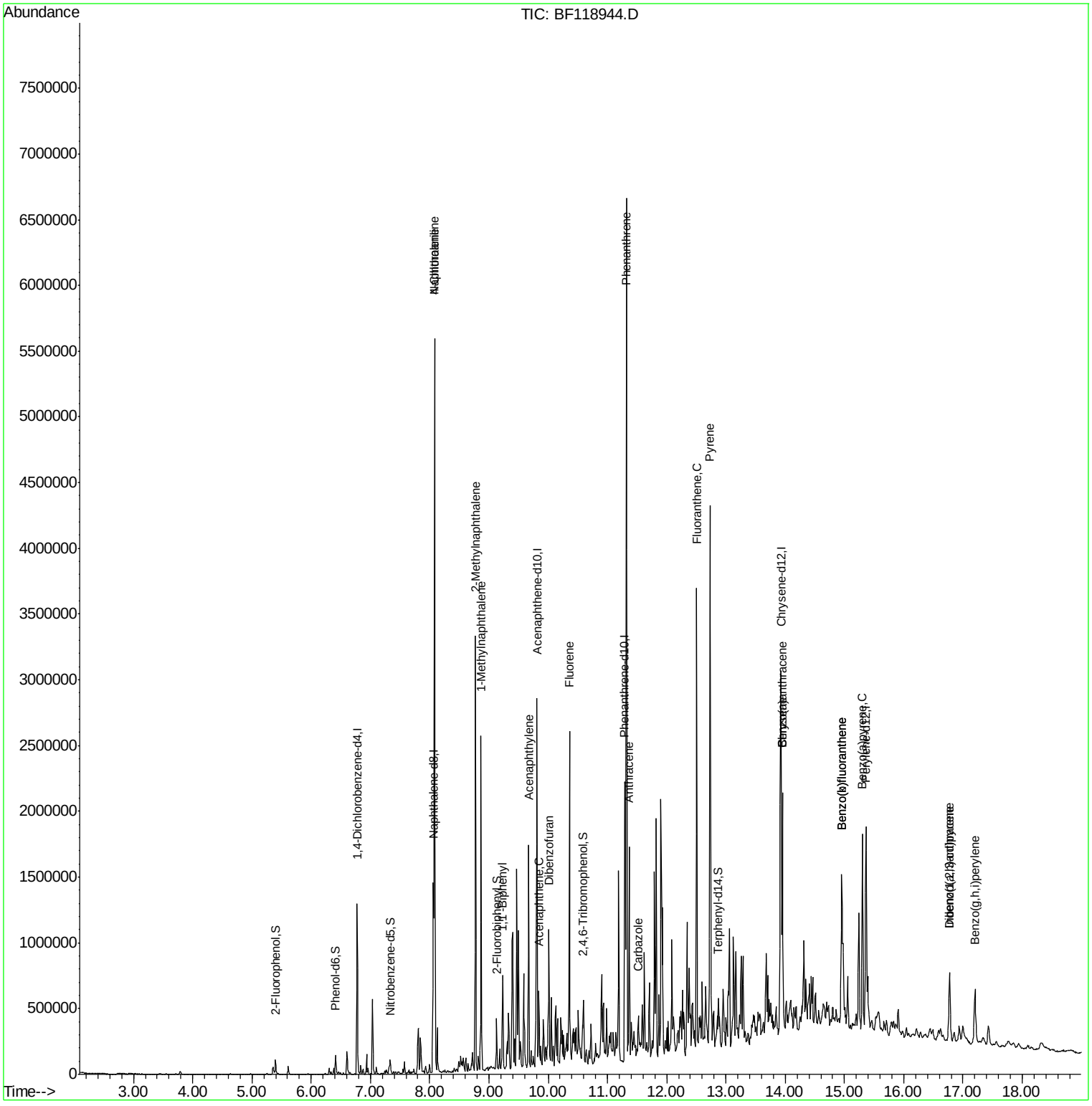
(#) = qualifier out of range (m) = manual integration (+) = signals summed

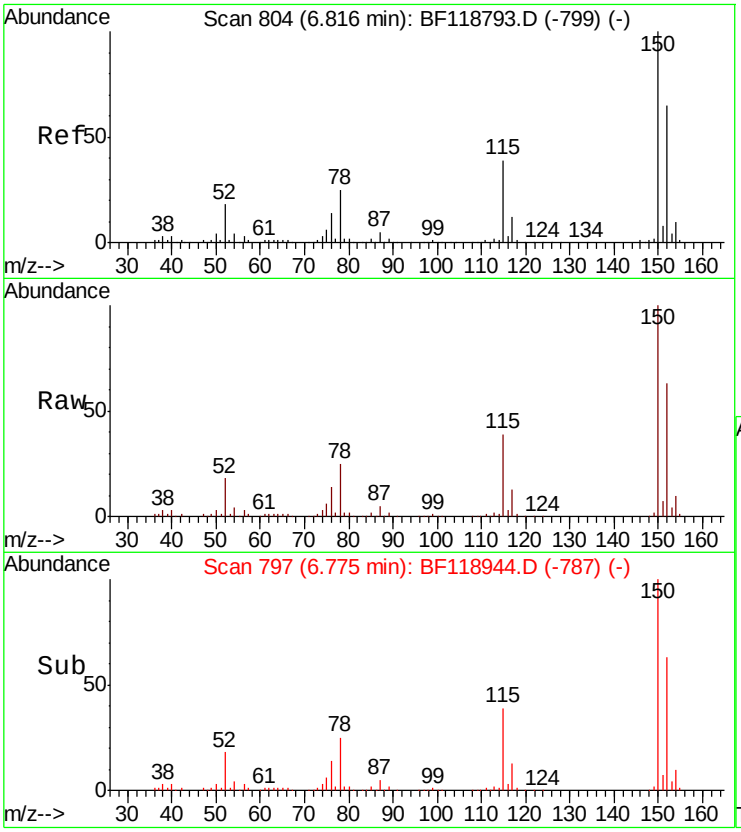
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021420\
Data File : BF118944.D
Acq On : 14 Feb 2020 21:07
Operator : CG/JU
Sample : L1482-02DLRE 25X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 15 03:39:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 14 00:49:42 2020
Response via : Initial Calibration



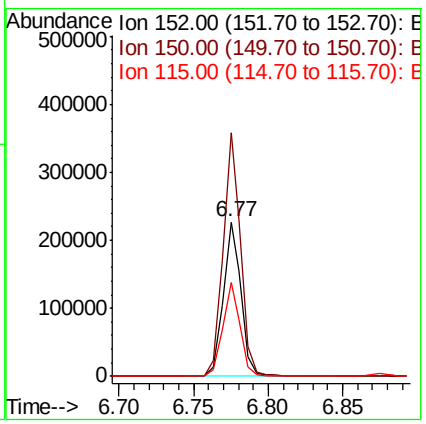


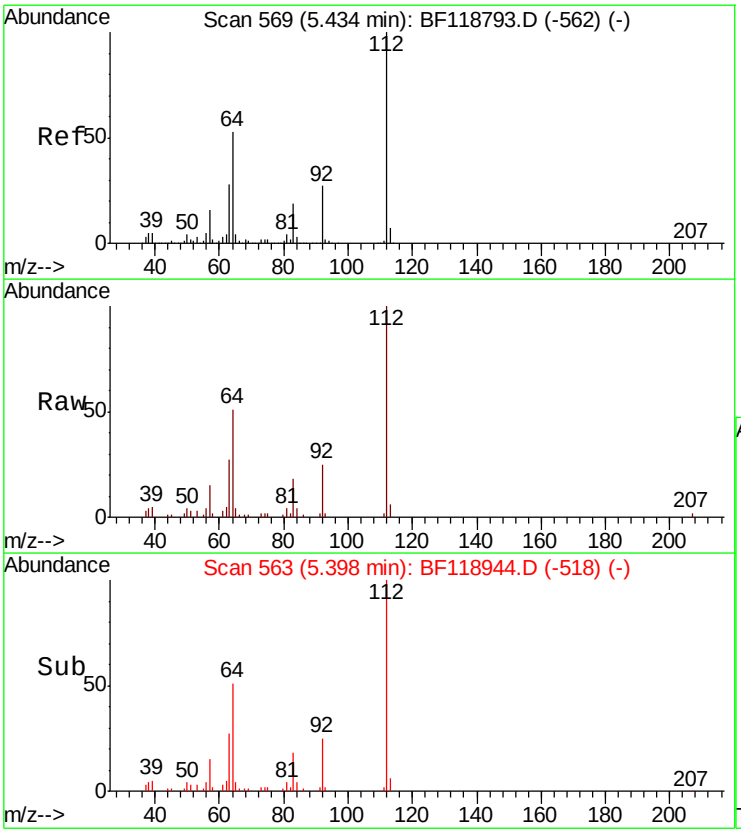
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.04 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 190960

Ion	Ratio	Lower	Upper
152	100		
150	157.9	123.6	185.4
115	61.2	48.2	72.2

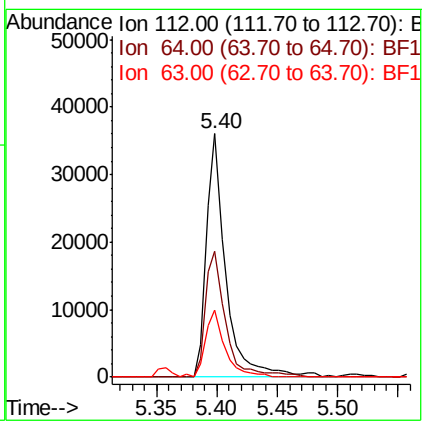


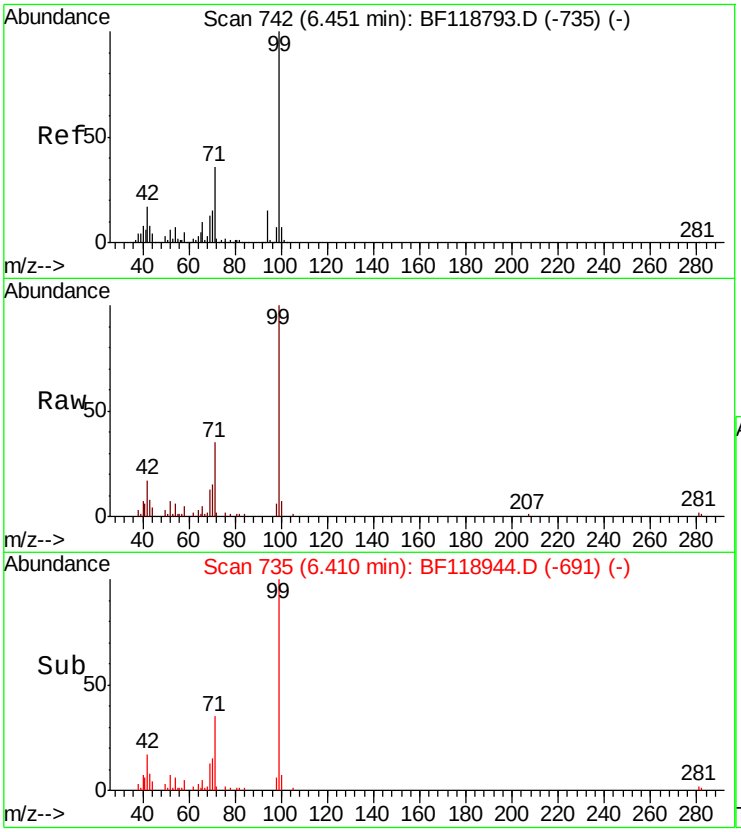


#5
2-Fluorophenol
Concen: 3.962 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.04 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Tgt Ion:112 Resp: 39965

Ion	Ratio	Lower	Upper
112	100		
64	51.5	42.6	63.8
63	27.3	22.2	33.4



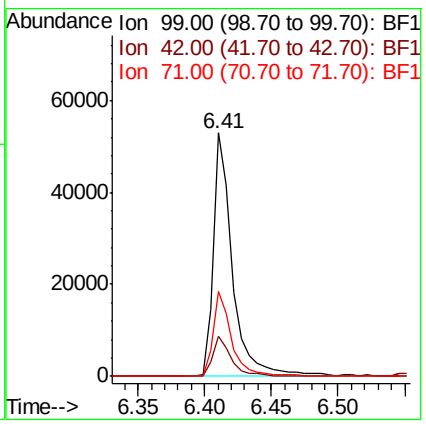


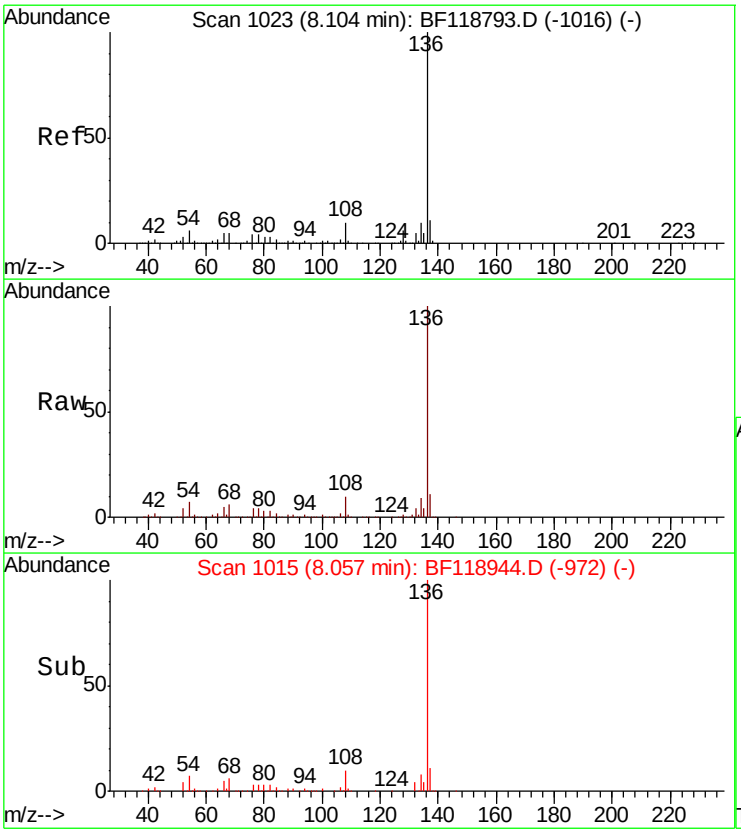
#7
Phenol-d6
Concen: 4.288 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.04 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 53693

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.4	20.0
71	34.6	29.0	43.6

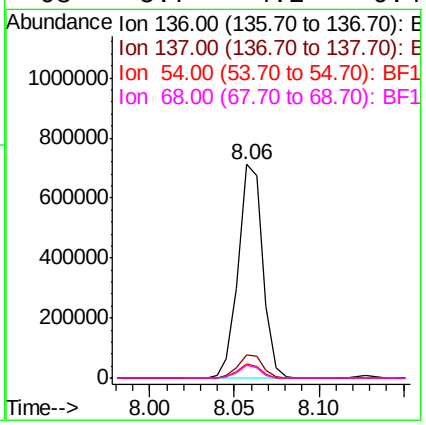


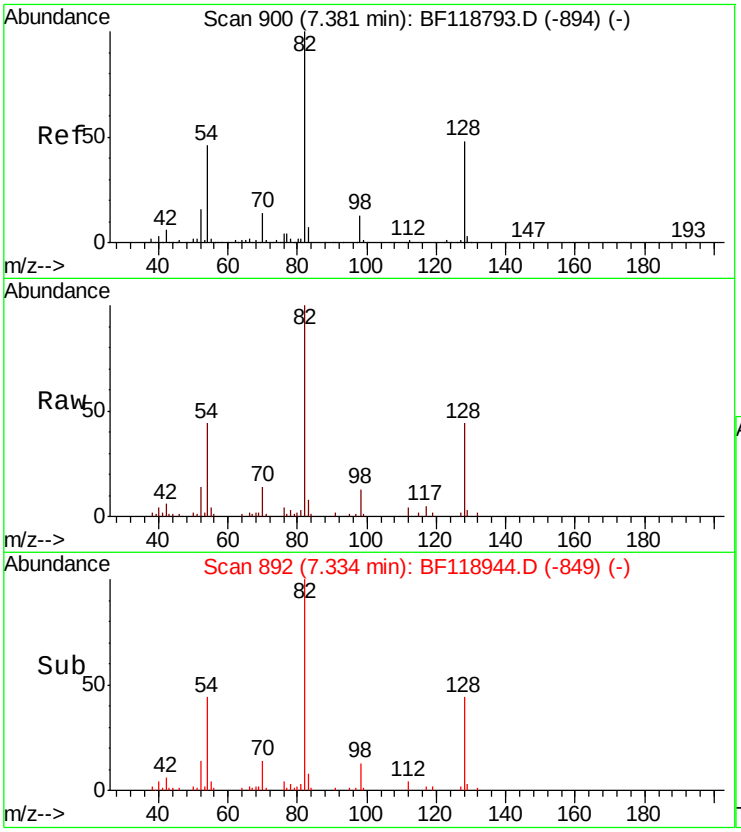


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.05 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Tgt Ion:136 Resp: 720792

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.5	5.0	7.6
68	5.7	4.2	6.4



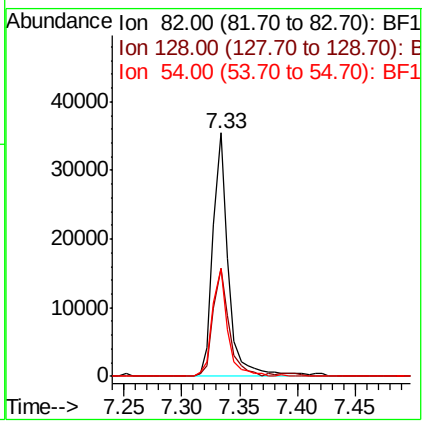


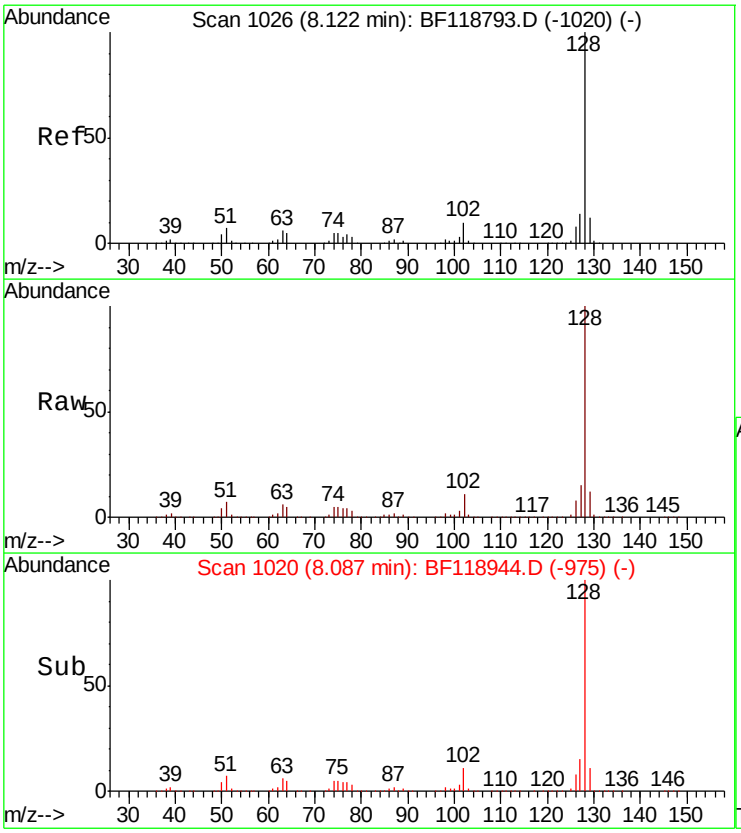
#23
Nitrobenzene-d5
Concen: 2.740 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.05 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 33136

Ion	Ratio	Lower	Upper
82	100		
128	44.2	38.5	57.7
54	44.2	36.7	55.1

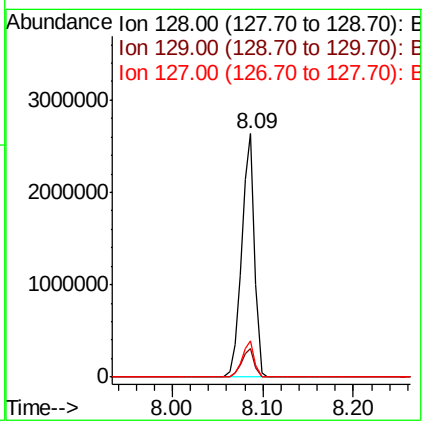


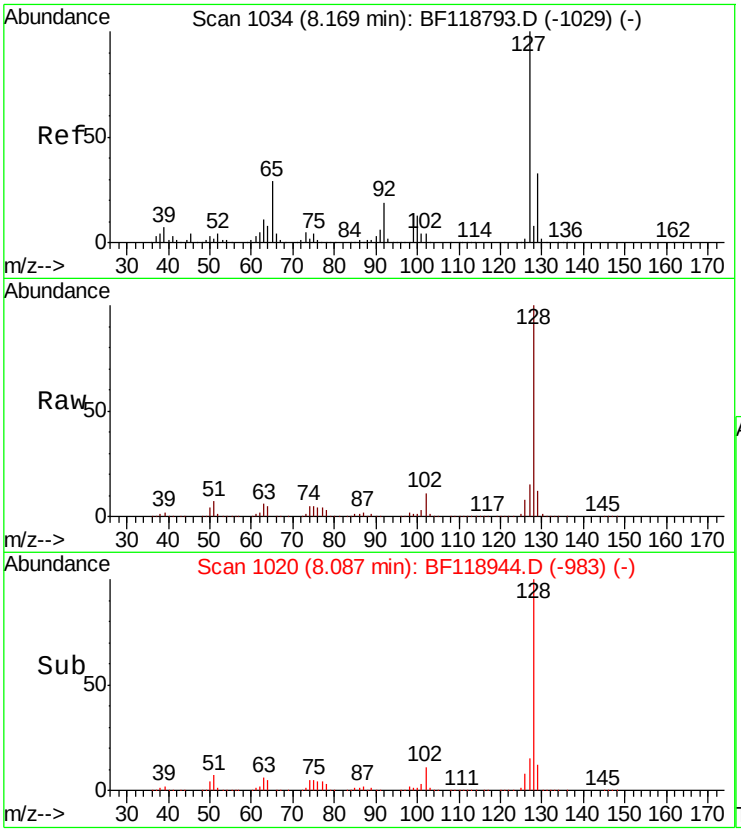


#31
Naphthalene
Concen: 79.121 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Tgt Ion:128 Resp: 2608296

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	14.7	11.3	16.9



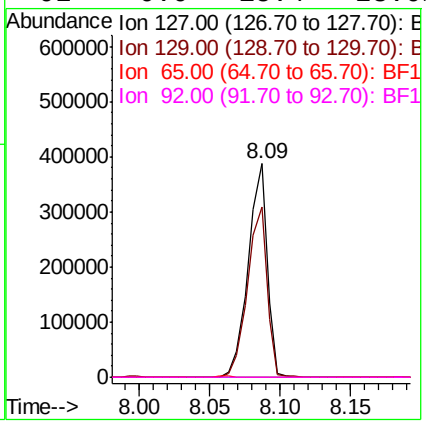


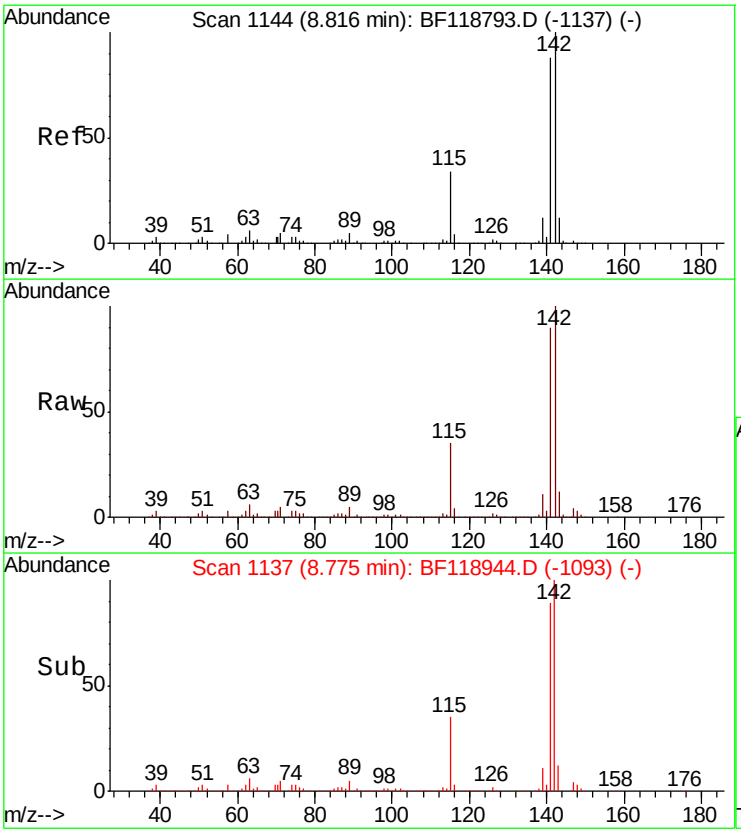
#33
4-Chloroaniline
Concen: 24.945 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.08 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 367913

Ion	Ratio	Lower	Upper
127	100		
129	79.6	26.7	40.1#
65	0.0	22.9	34.3#
92	0.0	15.4	23.0#

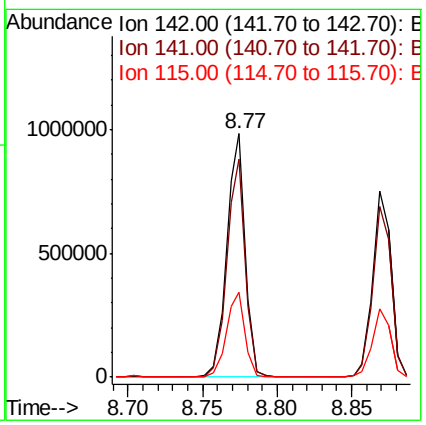


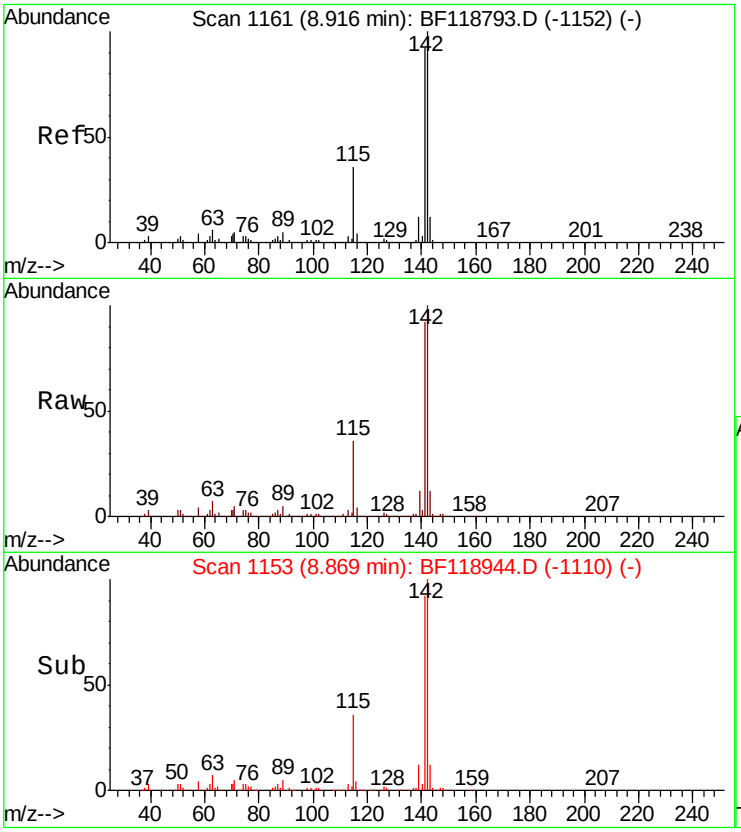


#37
2-Methylnaphthalene
Concen: 37.681 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.04 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Tgt Ion:142 Resp: 861532

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.1	105.1
115	35.0	27.3	40.9



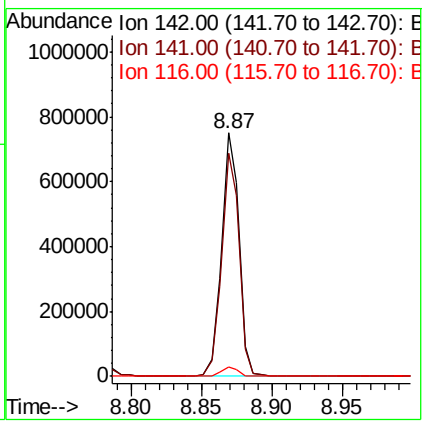


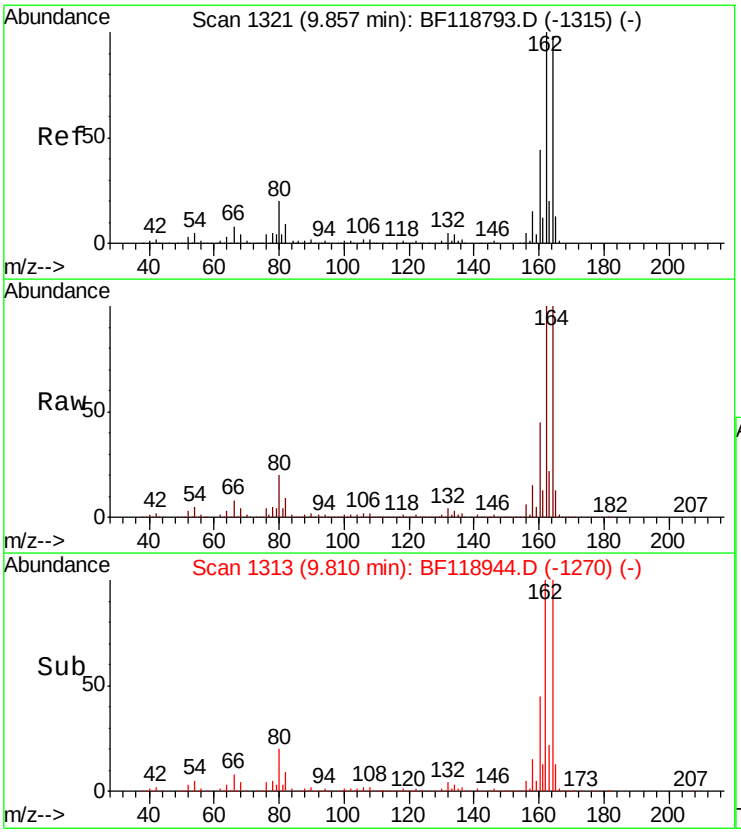
#38
1-Methylnaphthalene
Concen: 29.812 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.05 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 641196

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.8	110.6
116	3.8	3.0	4.4

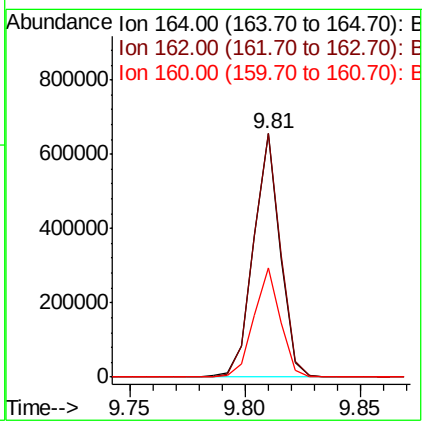


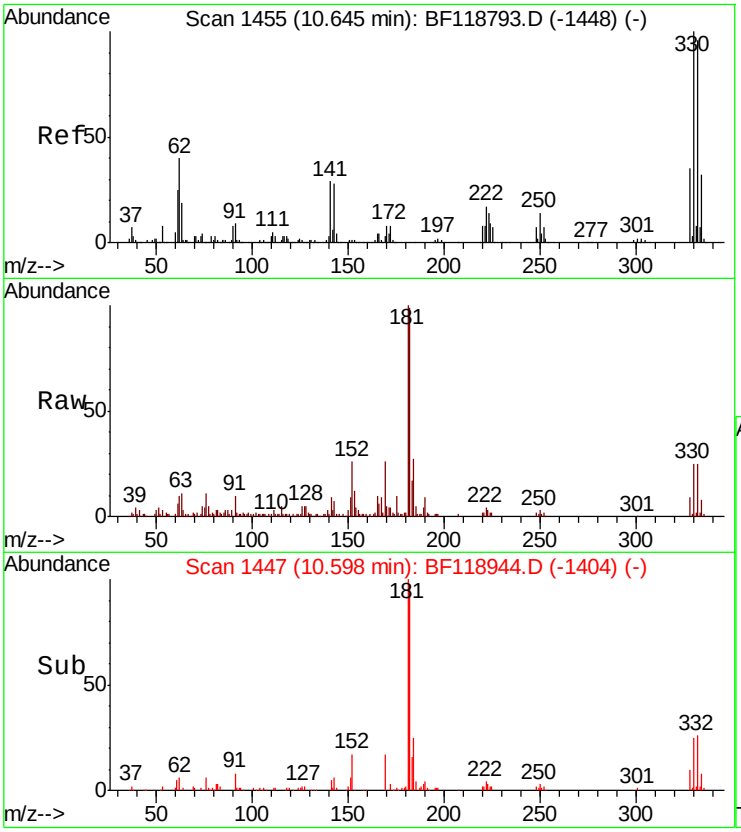


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.05 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Tgt Ion:164 Resp: 529408

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.4	122.2
160	44.7	35.6	53.4



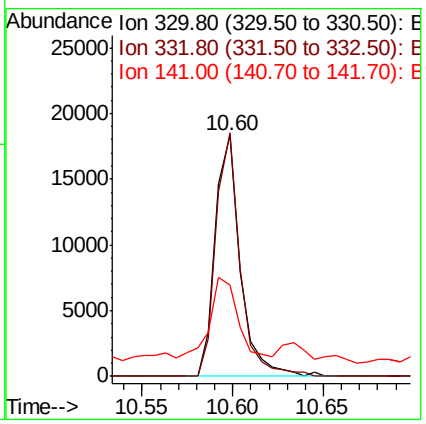


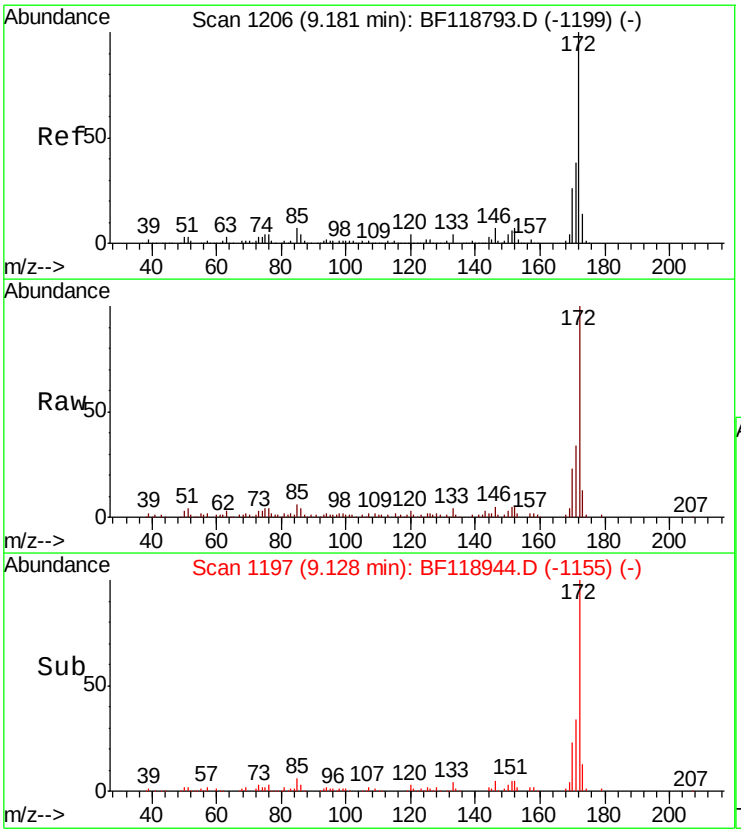
#42
2,4,6-Tribromophenol
Concen: 2.793 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.05 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 17691

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	42.5	22.4	33.6#

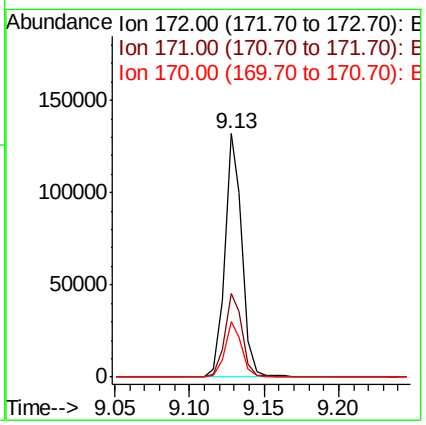


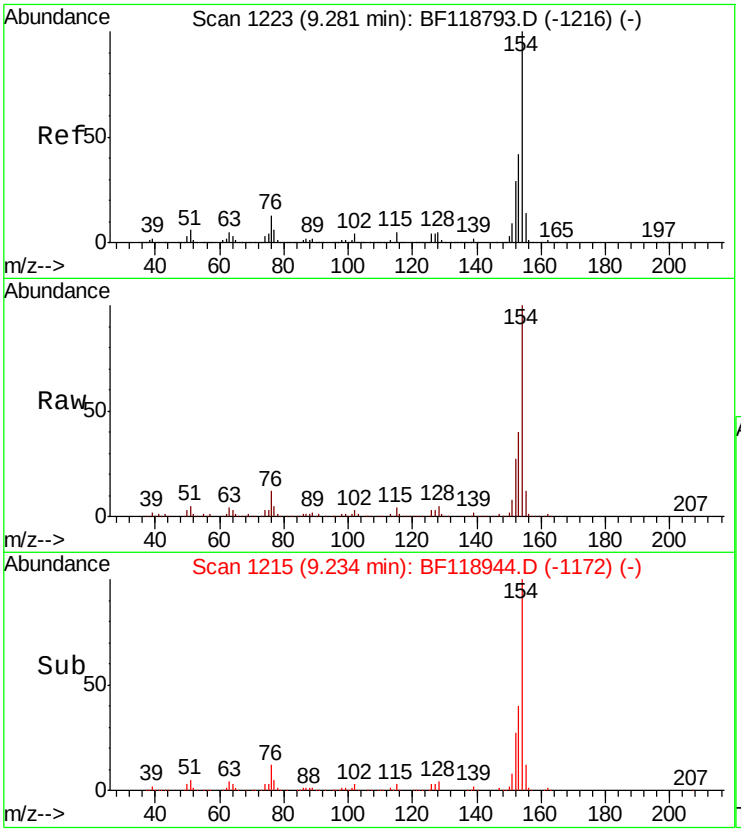


#45
2-Fluorobiphenyl
Concen: 3.633 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.05 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Tgt Ion:172 Resp: 107585

Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.8	46.2
170	22.6	20.5	30.7



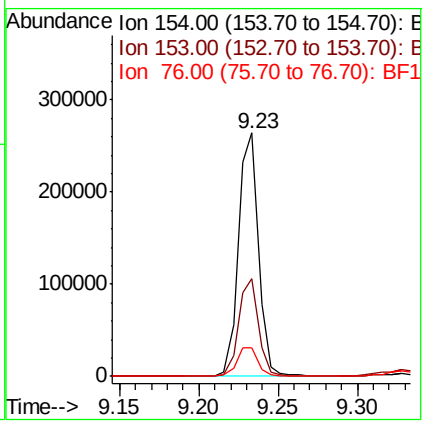


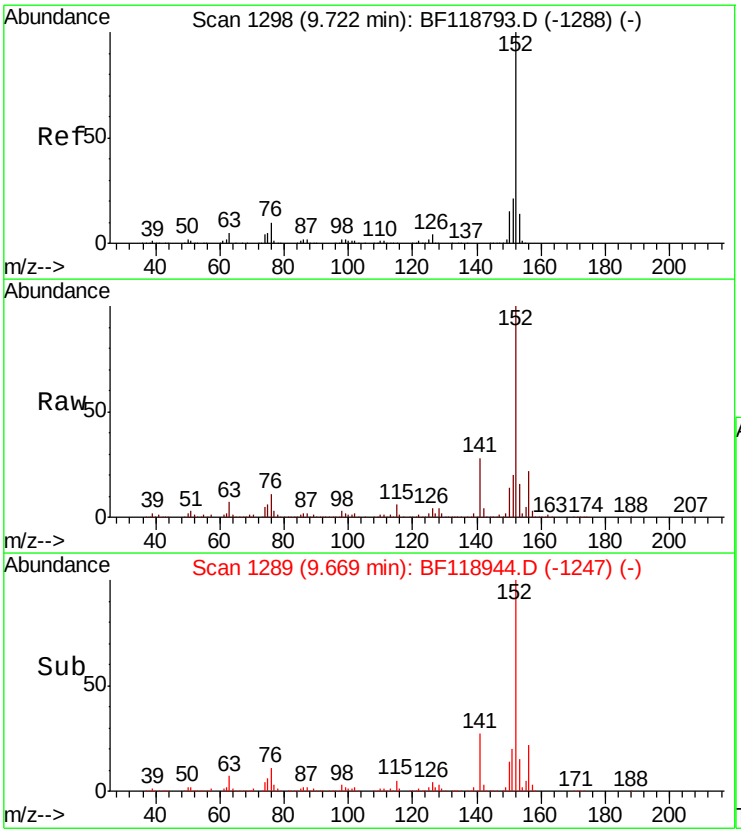
#46
1,1'-Biphenyl
Concen: 6.318 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.05 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 231358

Ion	Ratio	Lower	Upper
154	100		
153	40.4	22.4	62.4
76	11.7	0.0	32.7

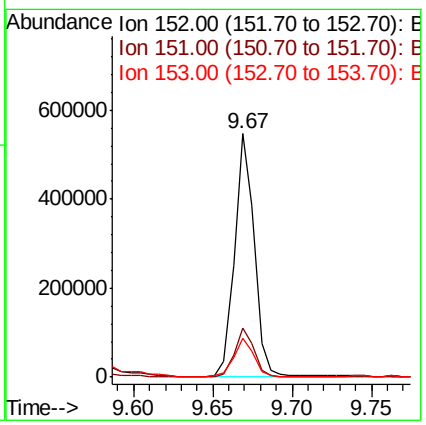


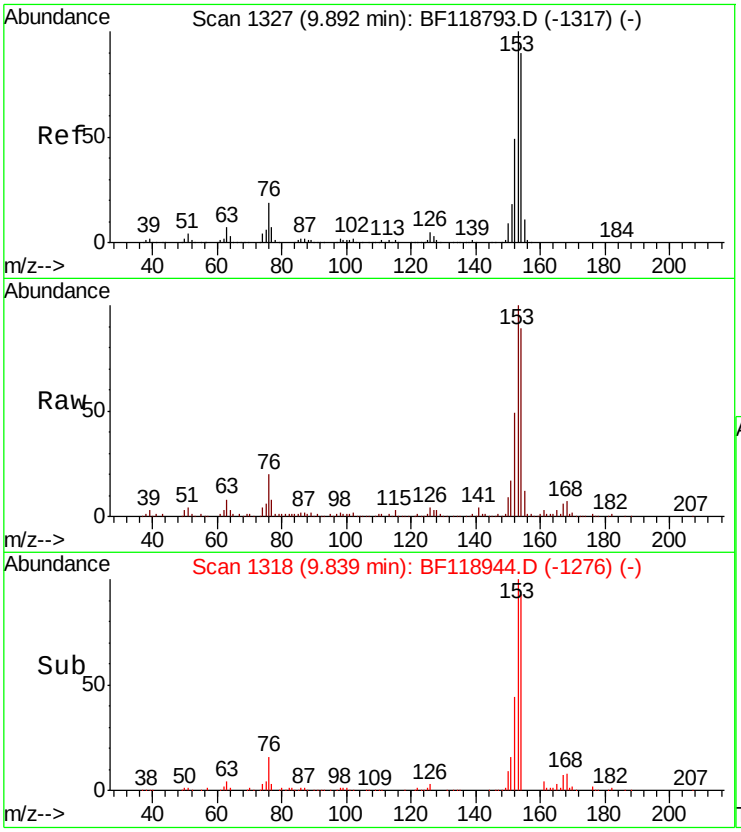


#49
Acenaphthylene
Concen: 10.732 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.05 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Tgt Ion:152 Resp: 471775

Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.1	25.7
153	15.9	11.0	16.4



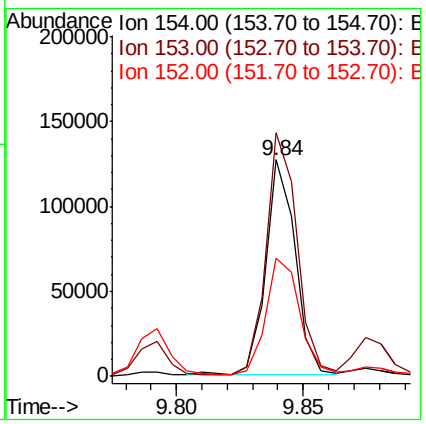


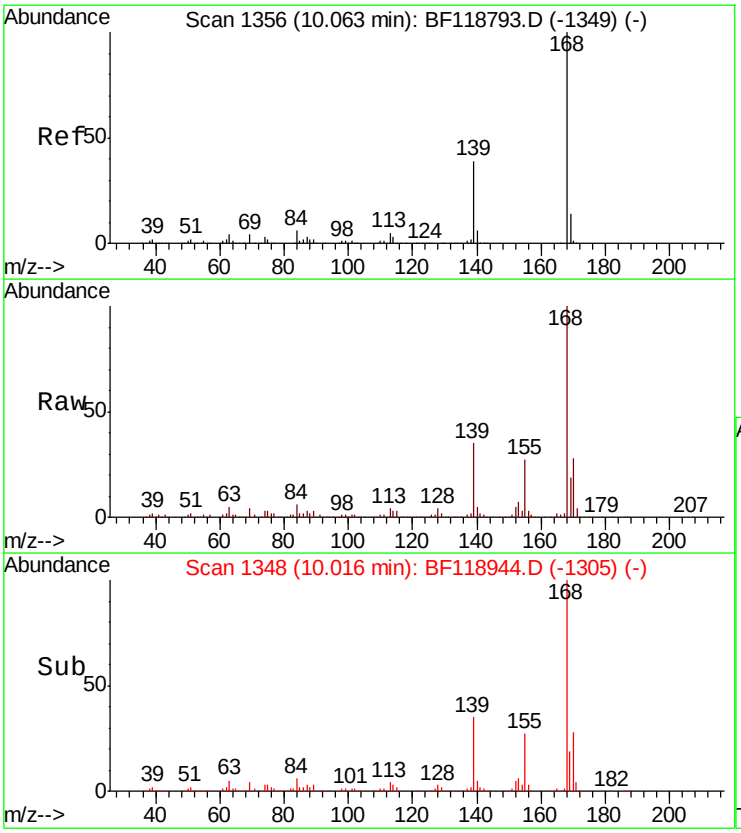
#52
Acenaphthene
Concen: 3.517 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.05 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 101885

Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.4	134.0
152	54.7	43.6	65.4

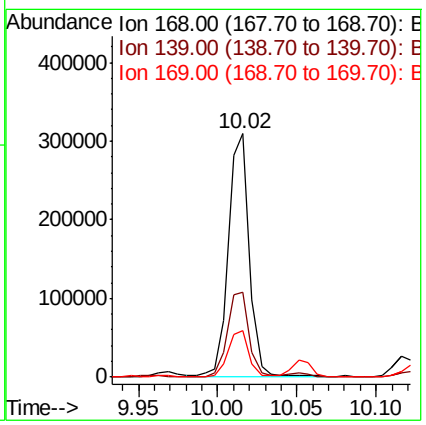


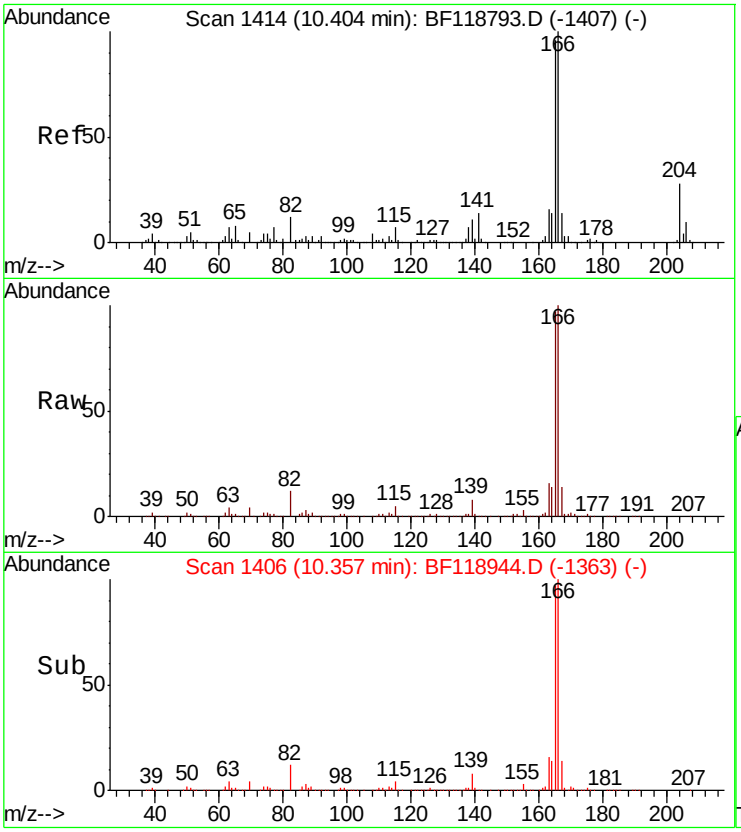


#55
Dibenzofuran
Concen: 6.693 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.05 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Tgt Ion:168 Resp: 280192

Ion	Ratio	Lower	Upper
168	100		
139	35.0	31.6	47.4
169	18.9	11.4	17.2#



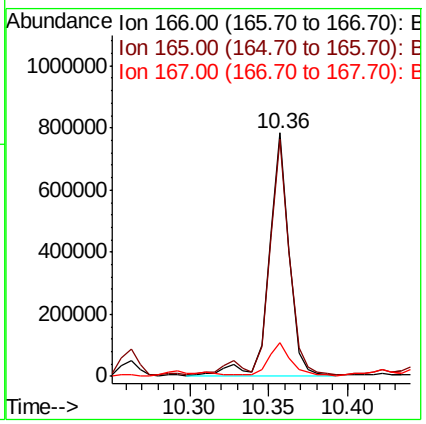


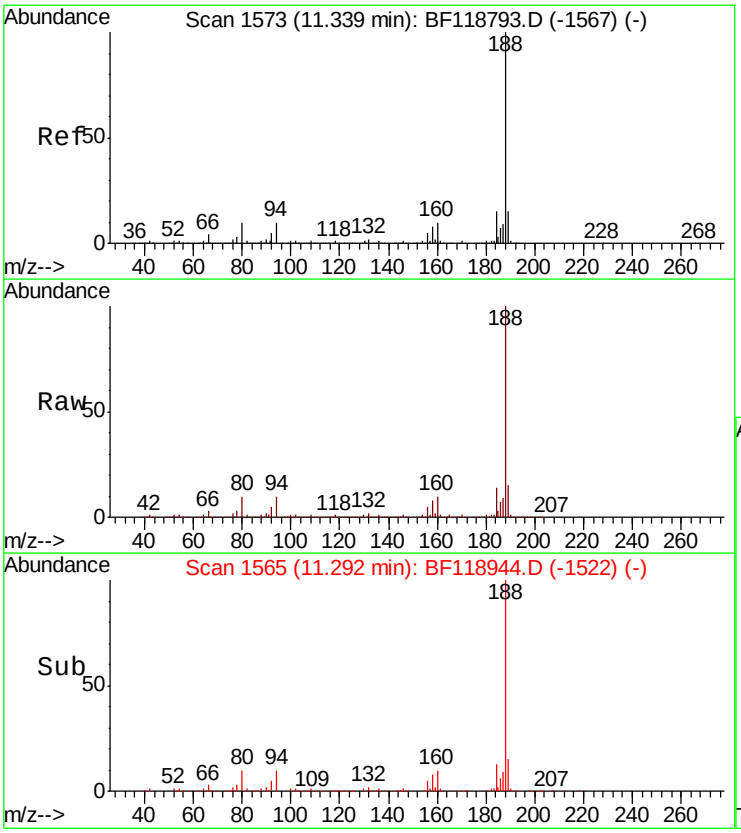
#58
Fluorene
Concen: 21.657 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.05 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 682057

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.0	115.6
167	14.1	11.1	16.7

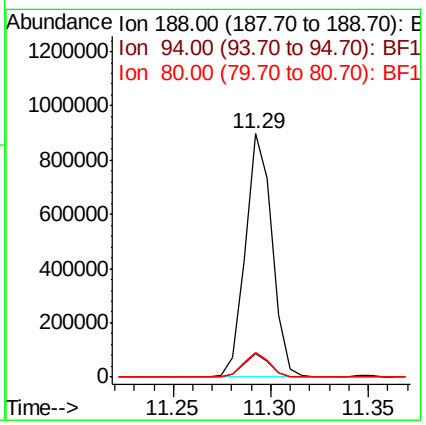


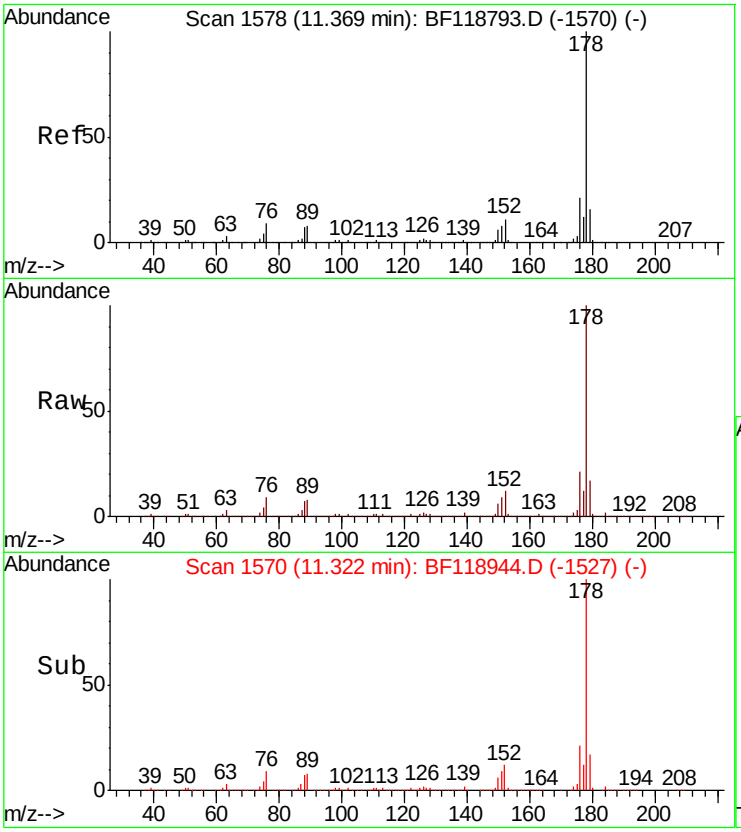


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.05 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Tgt Ion:188 Resp: 847966

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.9	11.9
80	10.3	8.4	12.6



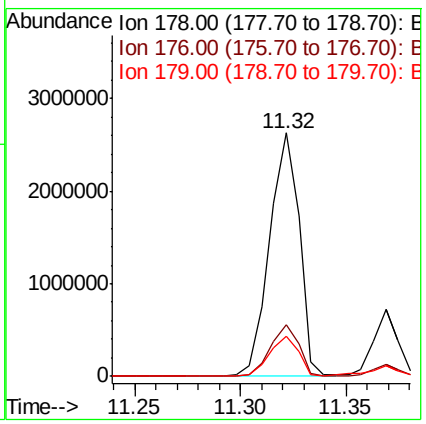


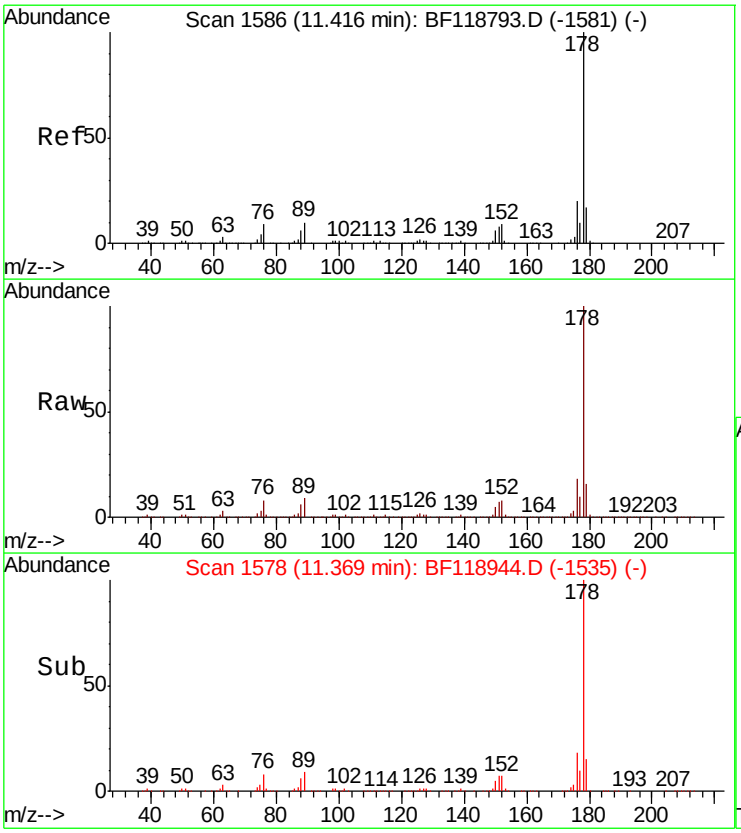
#71
Phenanthrene
Concen: 61.762 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.05 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 2576804

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.6	24.8
179	16.7	13.2	19.8

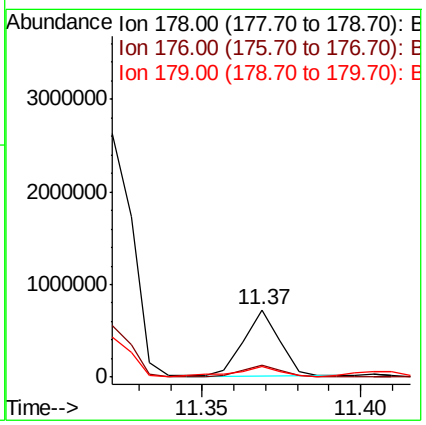


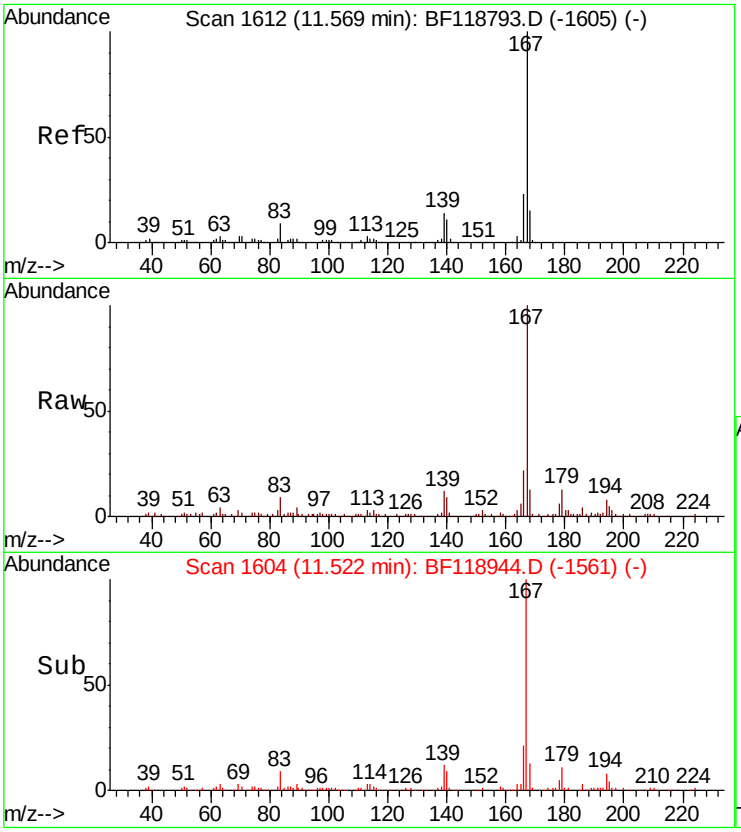


#72
Anthracene
Concen: 13.576 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.05 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Tgt Ion:178 Resp: 563484

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.2
179	15.9	13.4	20.2



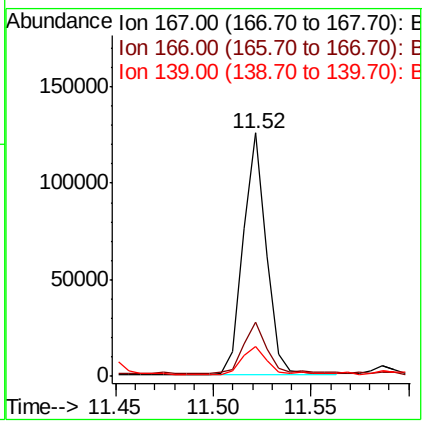


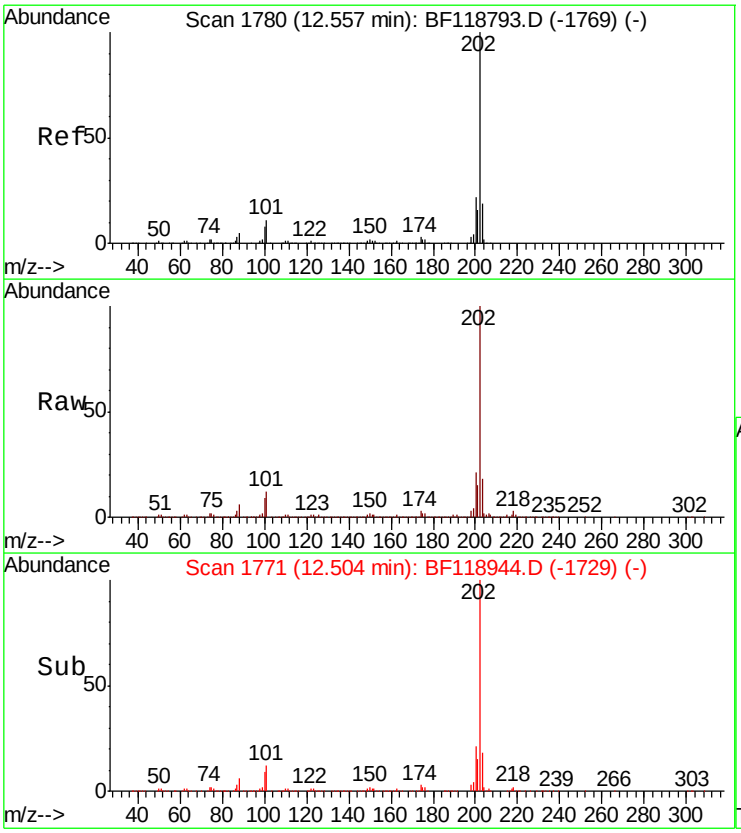
#73
Carbazole
Concen: 2.849 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.05 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 103771

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.4	27.6
139	12.1	11.1	16.7

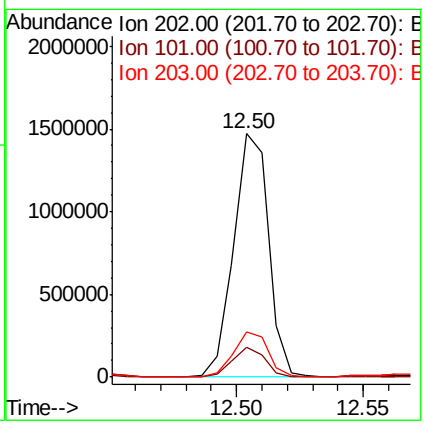


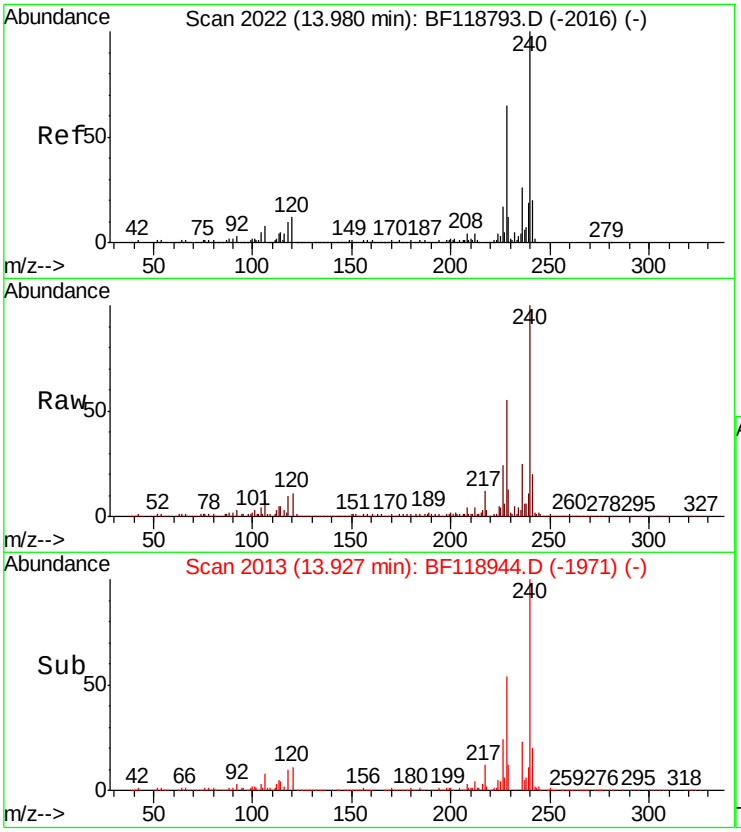


#75
Fluoranthene
Concen: 30.822 ng
RT: 12.50 min Scan# 1771
Delta R.T. -0.05 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Tgt Ion:202 Resp: 1403989

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.0
203	18.4	0.0	38.7



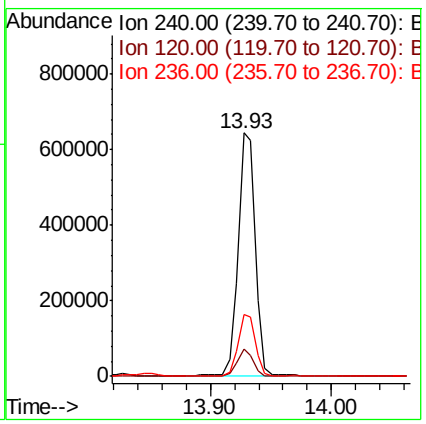


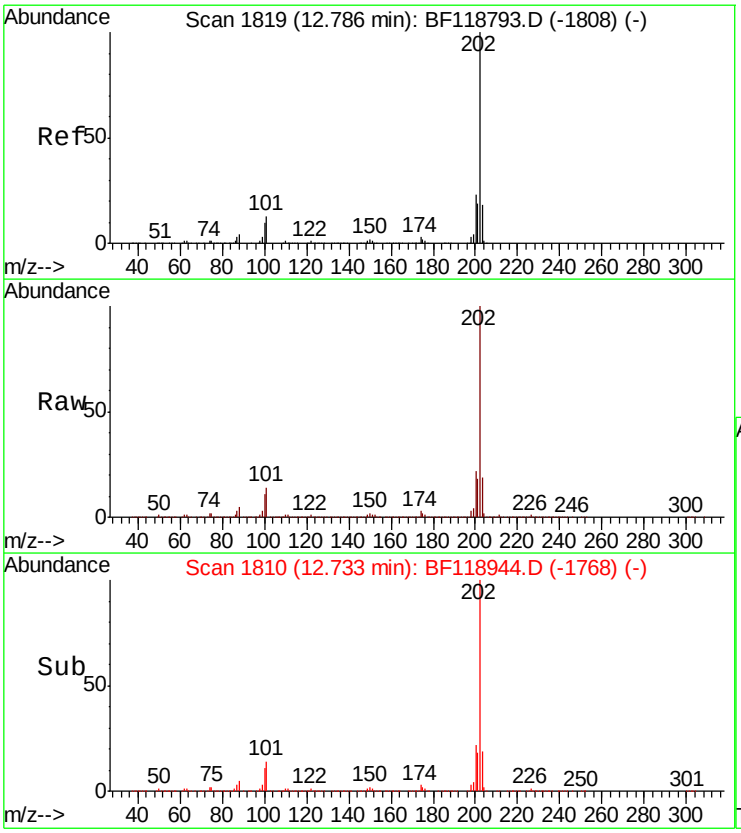
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.05 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 637916

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.4	14.0
236	25.2	21.0	31.6

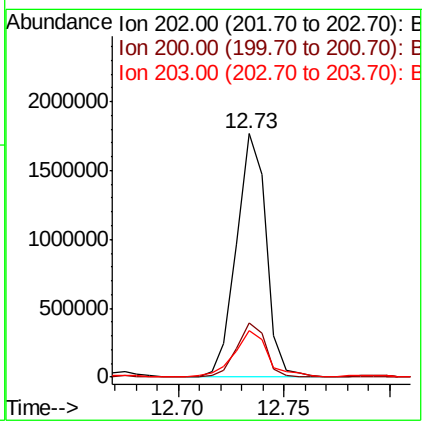


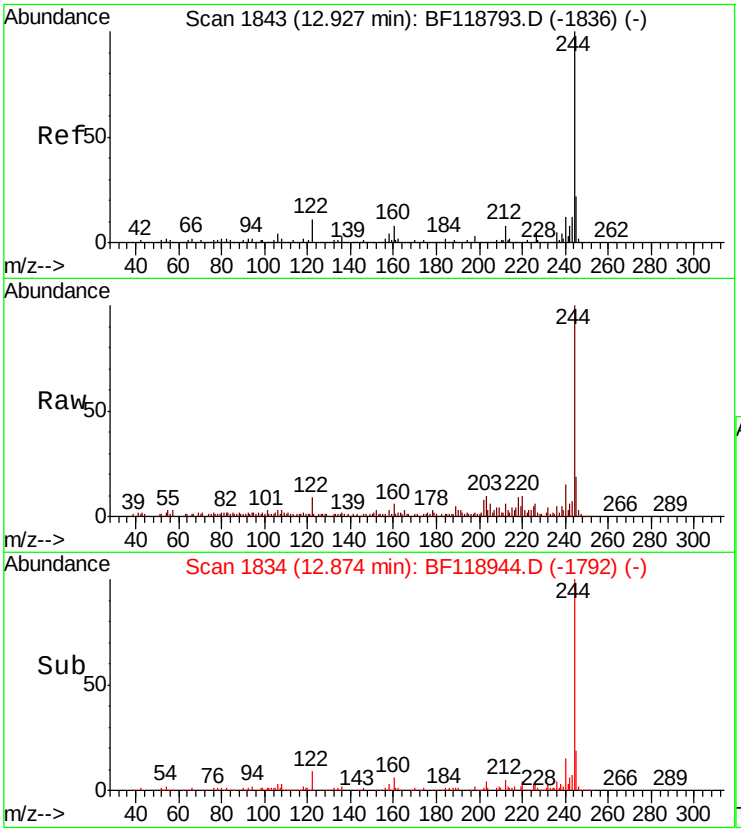


#78
Pyrene
Concen: 39.116 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.05 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Tgt Ion:202 Resp: 1711822

Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.2	27.2
203	19.0	14.8	22.2



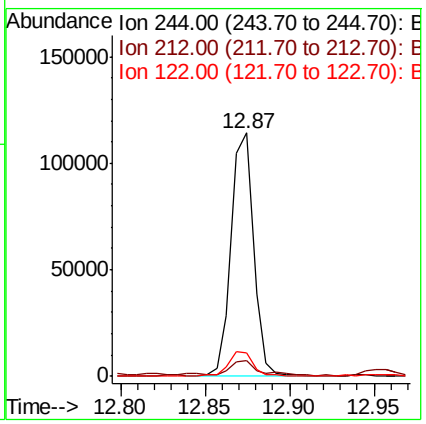


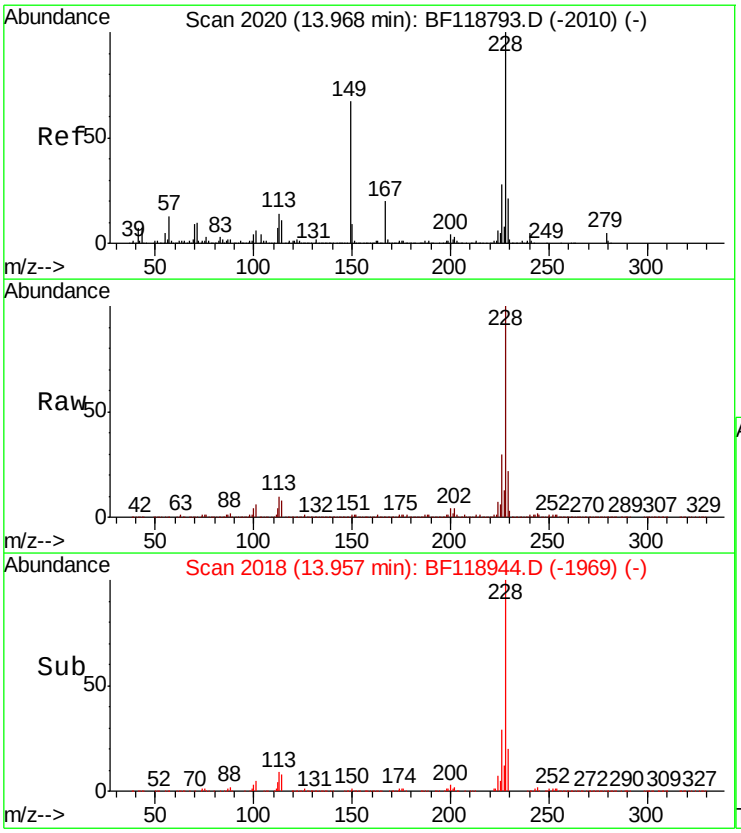
#79
Terphenyl-d14
Concen: 3.412 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.05 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 105964

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.5	9.7#
122	9.4	8.9	13.3

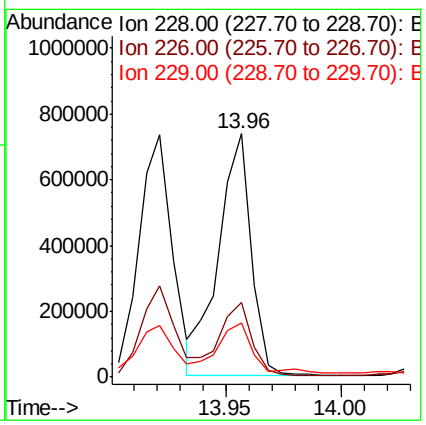


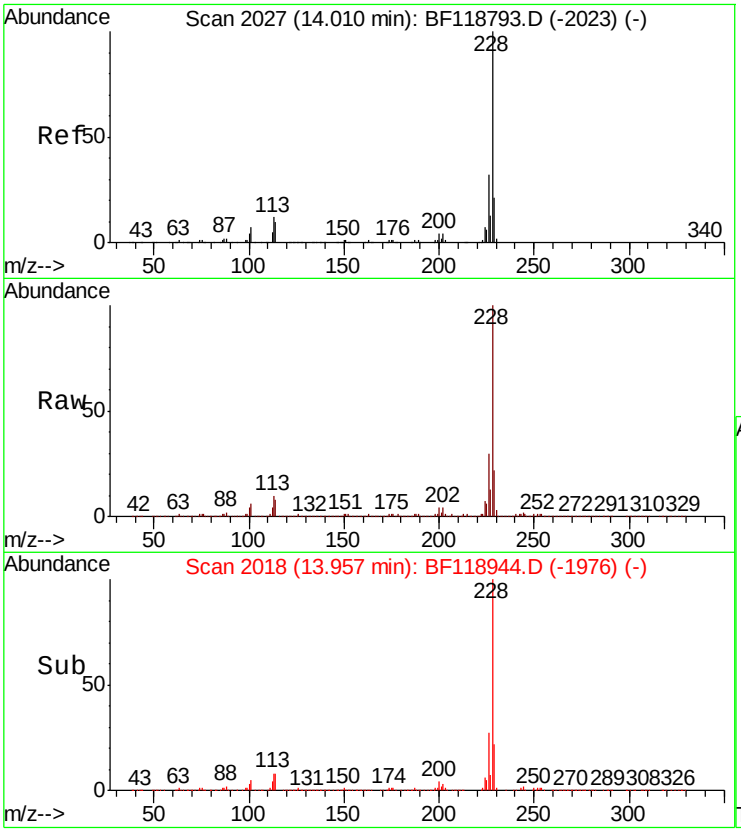


#81
Benzo(a)anthracene
Concen: 19.113 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Tgt Ion:228 Resp: 725513

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.7	34.1
229	22.3	16.6	25.0



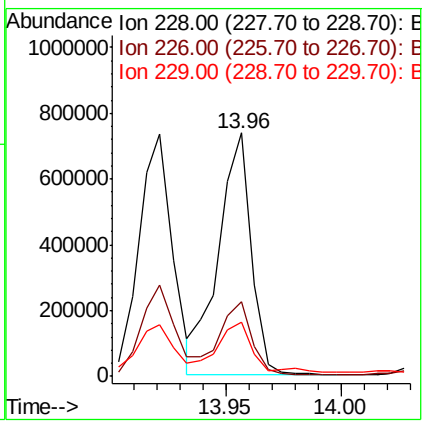


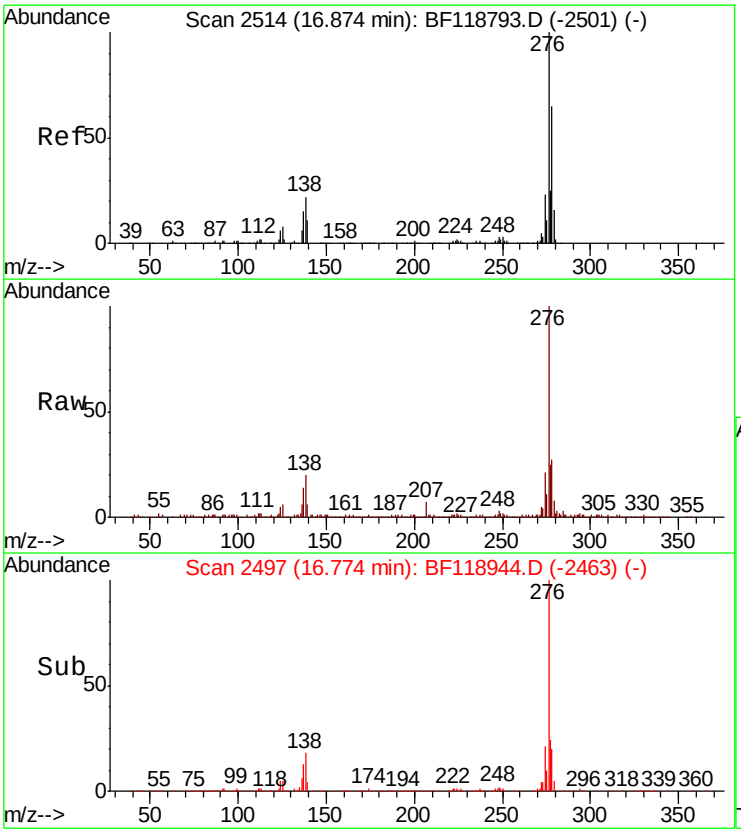
#83
Chrysene
Concen: 19.043 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.05 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 725513

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.0
229	22.3	16.9	25.3

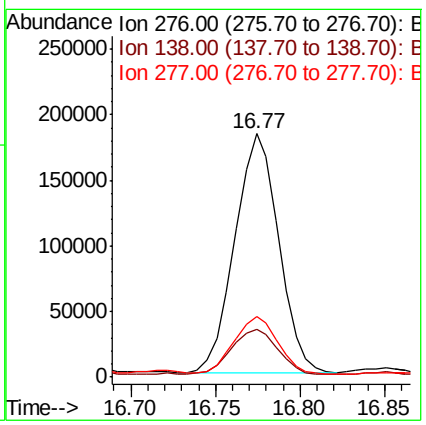


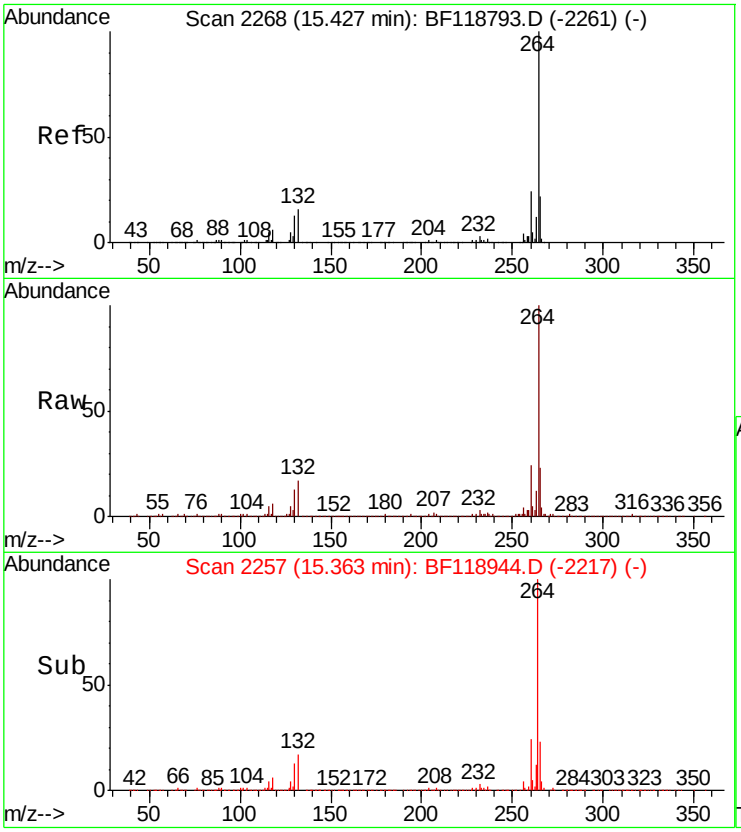


#86
Indeno(1,2,3-cd)pyrene
Concen: 8.675 ng
RT: 16.77 min Scan# 2497
Delta R.T. -0.10 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Tgt Ion:276 Resp: 332074

Ion	Ratio	Lower	Upper
276	100		
138	20.4	18.3	27.5
277	24.2	20.2	30.4



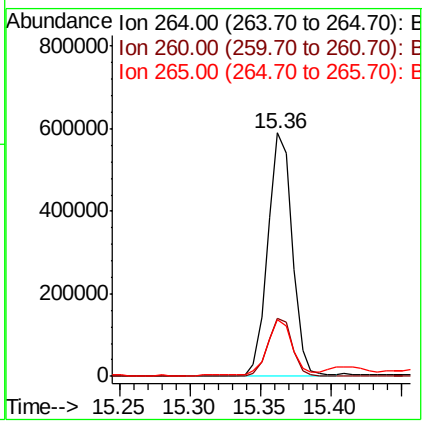


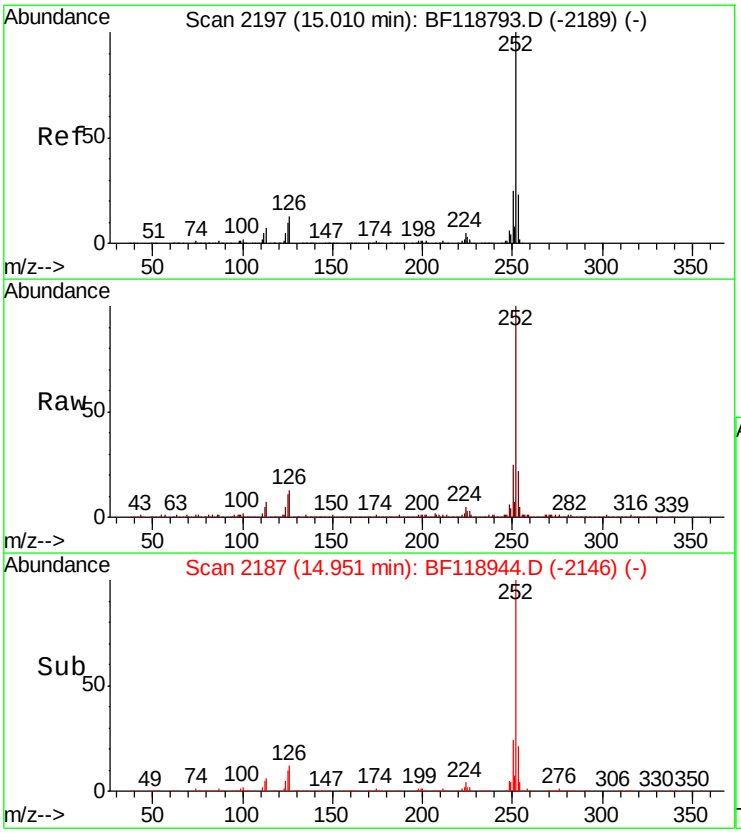
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.06 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 722528

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	23.4	17.2	25.8

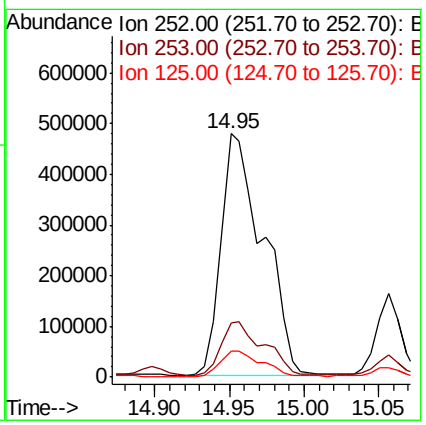


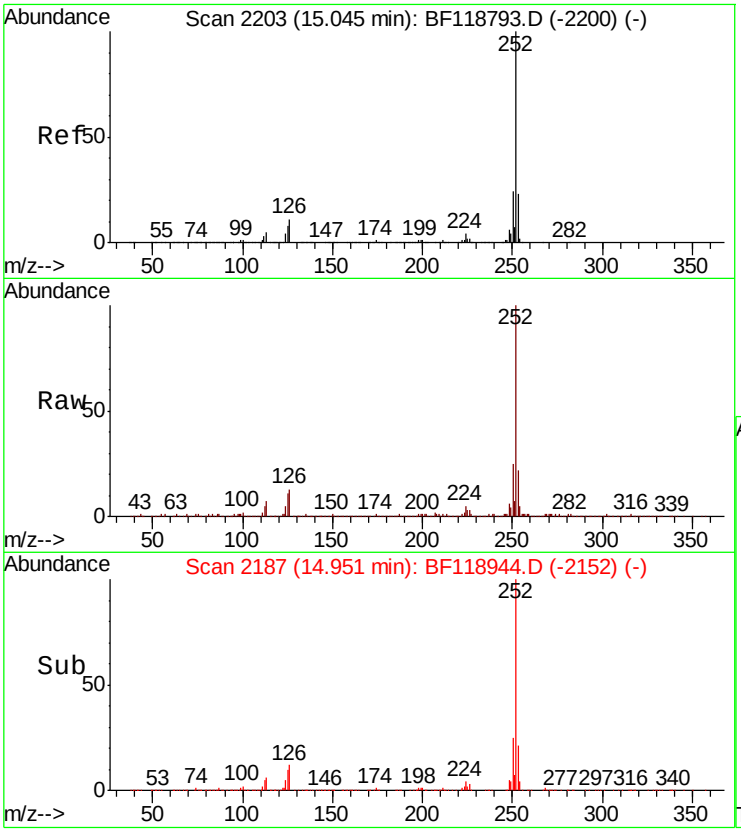


#88
Benzo(b)fluoranthene
Concen: 20.974 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.06 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Tgt Ion:252 Resp: 940339

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	10.5	8.1	12.1



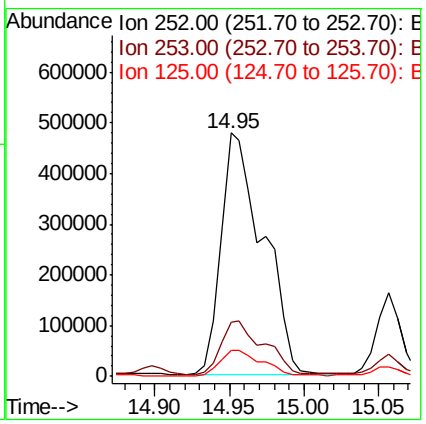


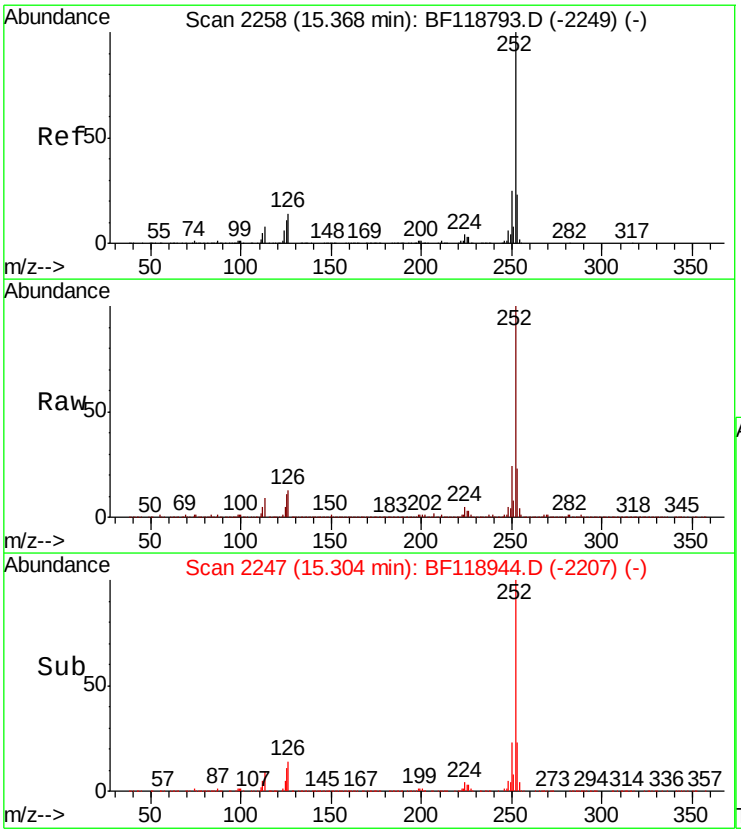
#89
Benzo(k)fluoranthene
Concen: 24.085 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.09 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 940339

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	10.5	7.0	10.6

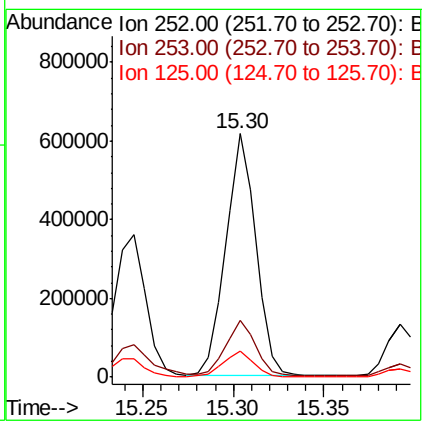


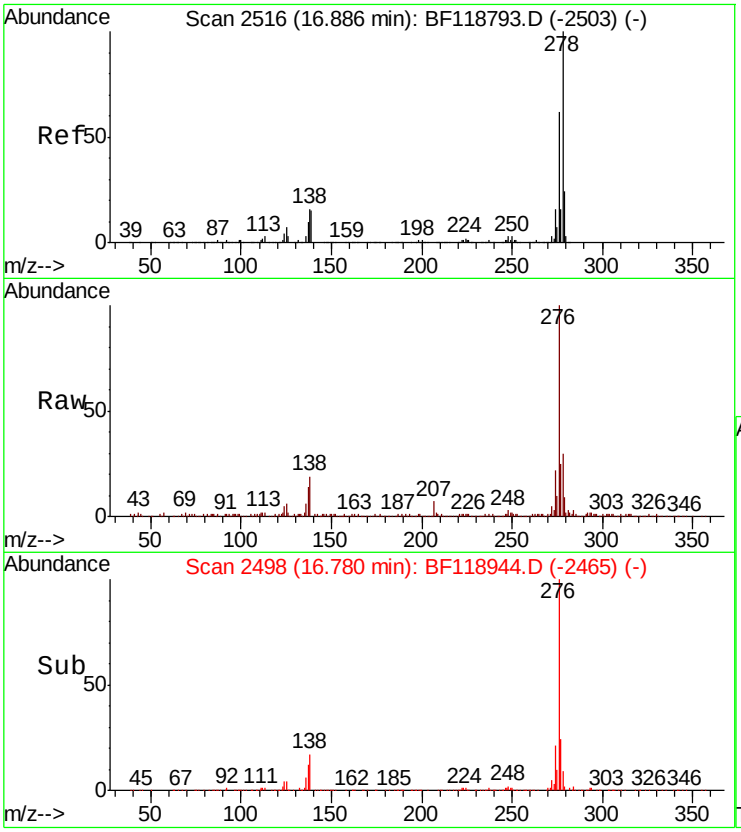


#90
Benzo(a)pyrene
Concen: 18.484 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.06 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Tgt Ion:252 Resp: 709211

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	10.5	8.7	13.1



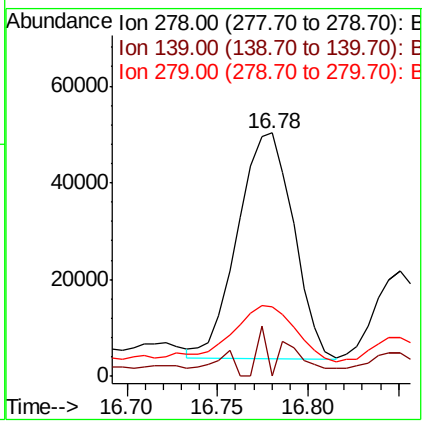


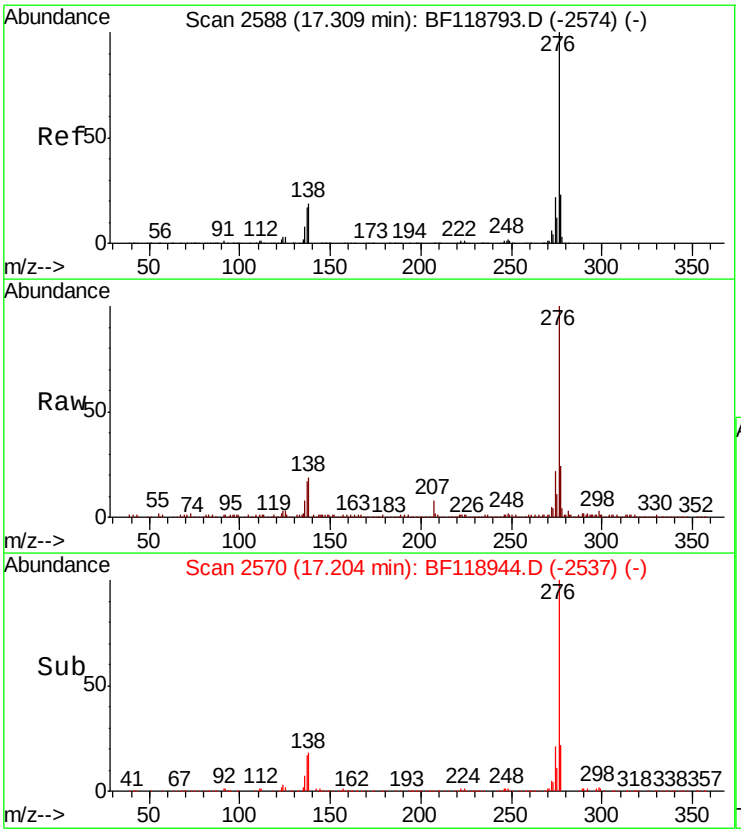
#91
Dibenzo(a,h)anthracene
Concen: 2.932 ng
RT: 16.78 min Scan# 2498
Delta R.T. -0.11 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 99876

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.3	18.5#
279	28.7	19.1	28.7#





#92
Benzo(g,h,i)perylene
Concen: 10.423 ng
RT: 17.20 min Scan# 2570
Delta R.T. -0.11 min
Lab File: BF118944.D
Acq: 14 Feb 2020 21:07

Tgt Ion:276 Resp: 341442

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	19.2	15.4	23.2