Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
Data File : BF119160.D
Acq On : 29 Feb 2020 16:02
Operator : CG/JU
Sample : L1696-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 02 05:45:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	155108	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	605033	20.00	ng		-0.02
39) Acenaphthene-d10	9.76	164	326151	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	541946	20.00	ng		-0.01
76) Chrysene-d12	13.89	240	336976	20.00	ng		-0.02
87) Perylene-d12	15.31	264	385736	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	781533	84.20	ng		0.00
7) Phenol-d6	6.38	99	941585	83.42	ng		-0.02
23) Nitrobenzene-d5	7.30	82	632359	55.18	ng		-0.02
42) 2,4,6-Tribromophenol	10.56	330	322258	75.53	ng		-0.02
45) 2-Fluorobiphenyl	9.09	172	1214299	54.85	ng		-0.02
79) Terphenyl-d14	12.83	244	1153001	58.91	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.39	94	92606	7.588	ng	#	76
19) n-Nitroso-di-n-propylamine	7.30	70	87766	13.344	ng	#	75
25) Isophorone	7.30	82	627081	31.510	ng	#	63
31) Naphthalene	8.03	128	355414	11.327	ng		99
32) Benzoic acid	7.86	122	1448	6.890	ng	#	12
33) 4-Chloroaniline	8.03	127	47658	3.531	ng	#	44
37) 2-Methylnaphthalene	8.73	142	138248	6.547	ng		98
38) 1-Methylnaphthalene	8.82	142	87061	4.384	ng		96
46) 1,1'-Biphenyl	9.19	154	85307	3.236	ng		97
50) Dimethylphthalate	9.49	163	190197	7.626	ng		98
52) Acenaphthene	9.80	154	414576	22.410	ng		99
55) Dibenzofuran	9.97	168	414544	15.013	ng		96
56) 4-Nitrophenol	9.97	139	158606	42.974	ng	#	10
58) Fluorene	10.31	166	406162	18.930	ng		99
67) 4-Bromophenyl-phenylether	10.56	248	21770	3.073	ng	#	1
71) Phenanthrene	11.27	178	1454422	49.211	ng		99
72) Anthracene	11.33	178	393654	13.330	ng		96
73) Carbazole	11.48	167	156025	5.931	ng		95
75) Fluoranthene	12.46	202	999842	31.871	ng		98
78) Pyrene	12.69	202	752019	27.792	ng		98
81) Benzo(a)anthracene	13.87	228	348711	15.188	ng		99
83) Chrysene	13.91	228	301444	13.176	ng		97
86) Indeno(1,2,3-cd)pyrene	16.71	276	146740	6.624	ng		97
88) Benzo(b)fluoranthene	14.90	252	541116	21.282	ng		99
89) Benzo(k)fluoranthene	14.90	252	541116	22.965	ng		98
90) Benzo(a)pyrene	15.25	252	275123	11.989	ng		98
92) Benzo(g,h,i)perylene	17.13	276	136605	6.847	ng		98

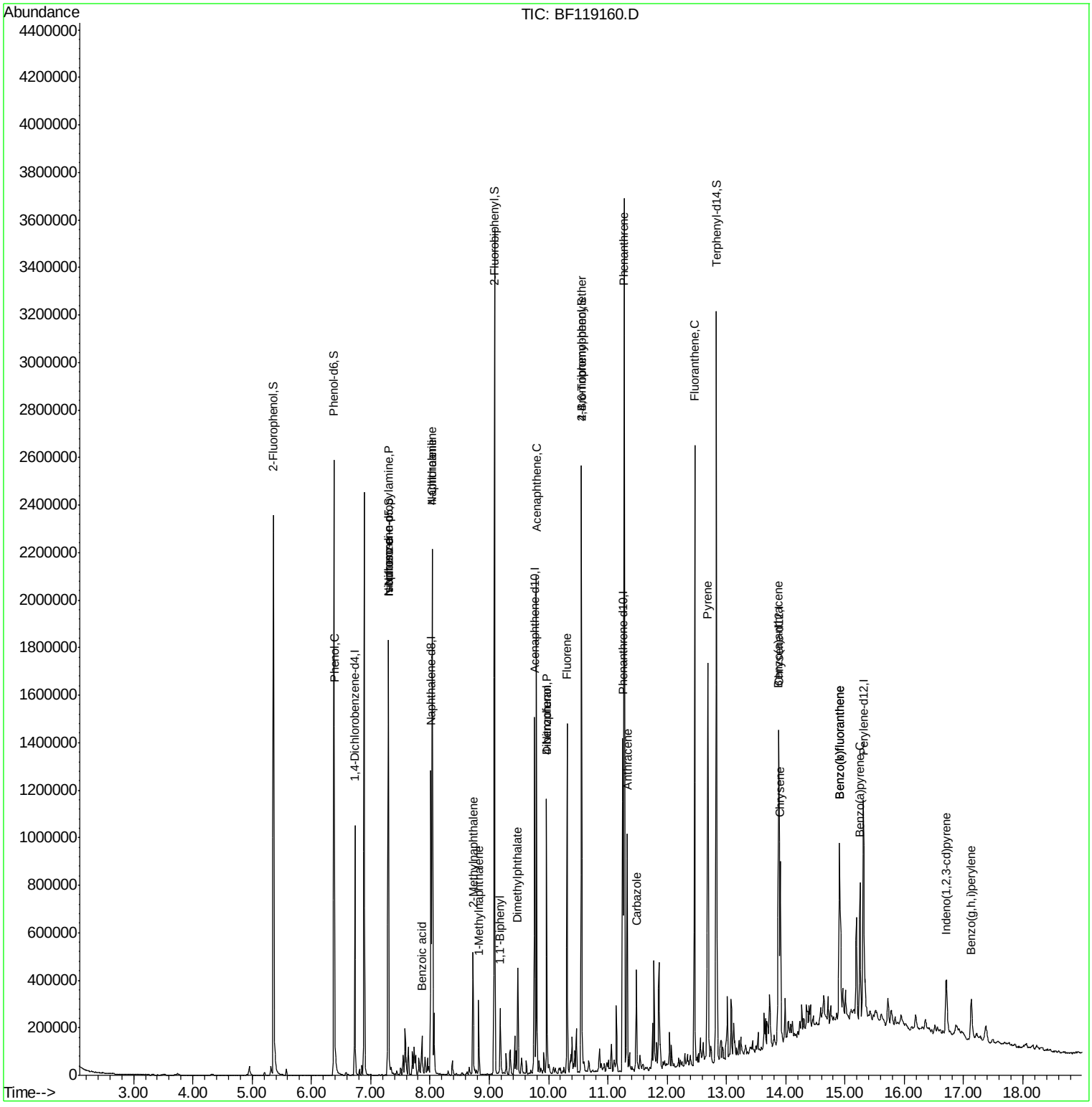
(#) = qualifier out of range (m) = manual integration (+) = signals summed

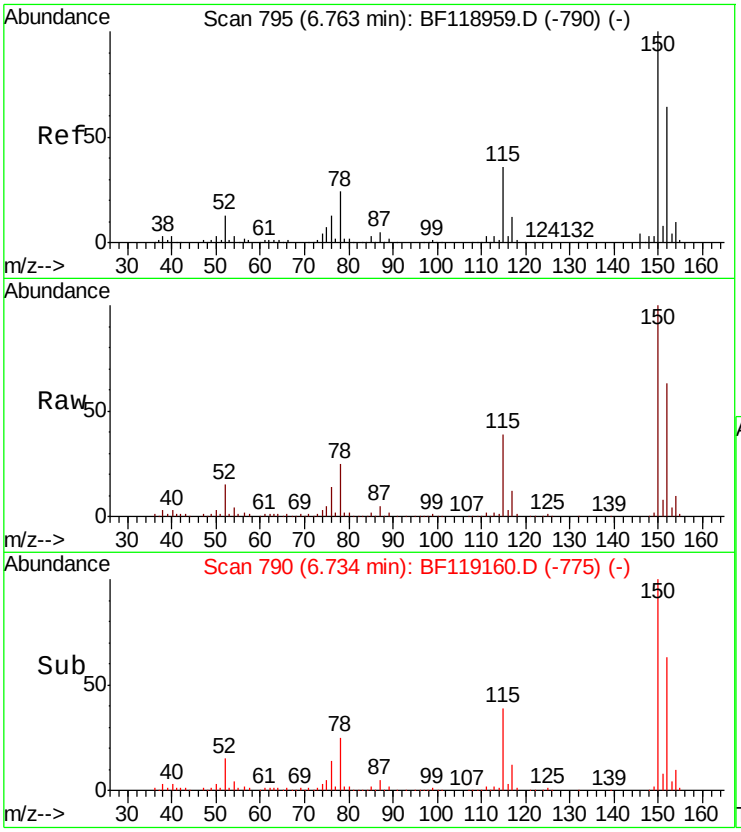
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
Data File : BF119160.D
Acq On : 29 Feb 2020 16:02
Operator : CG/JU
Sample : L1696-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 02 05:45:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration



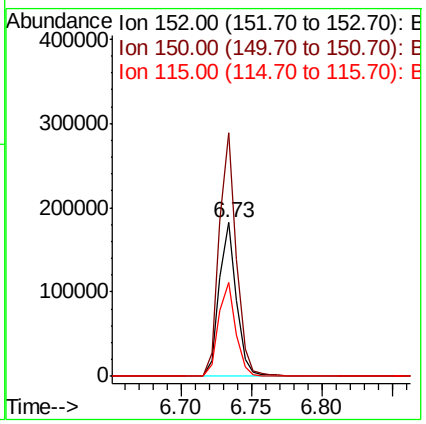


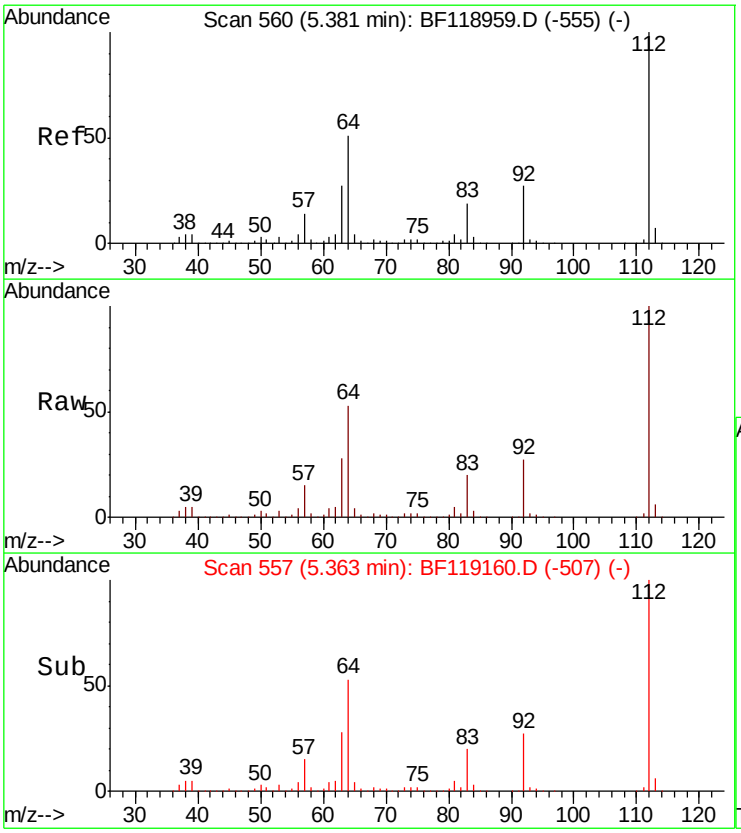
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 155108

Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.0	184.6
115	61.1	49.5	74.3

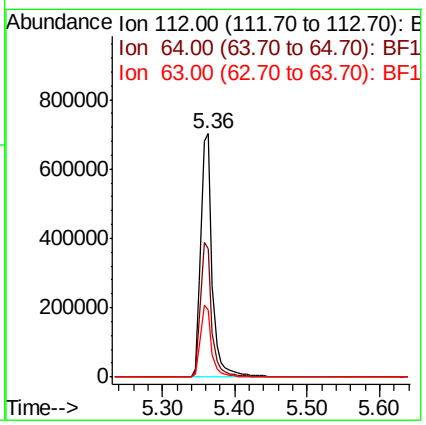


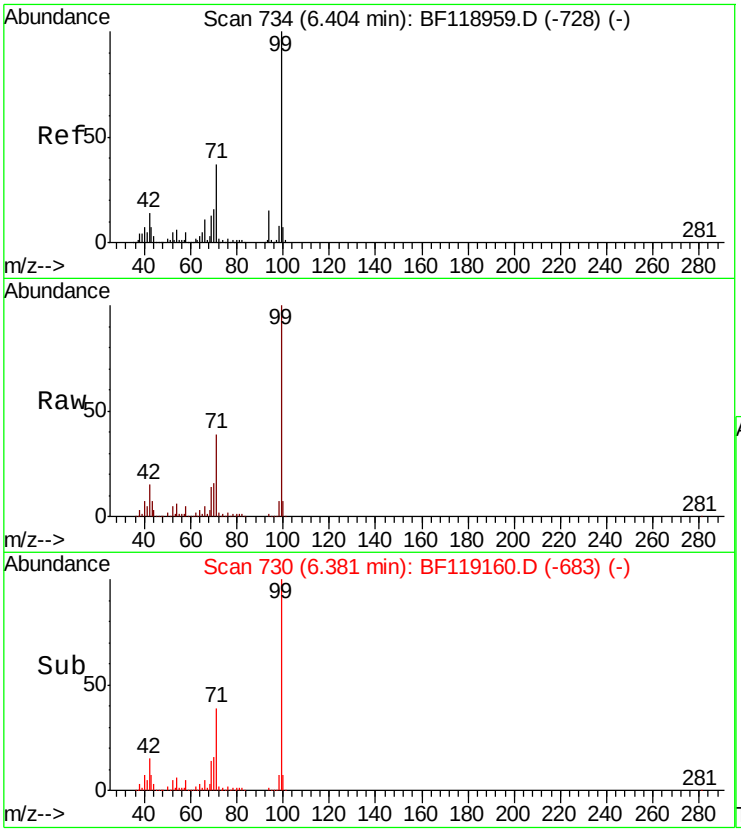


#5
2-Fluorophenol
Concen: 84.205 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:112 Resp: 781533

Ion	Ratio	Lower	Upper
112	100		
64	52.6	45.0	67.4
63	27.7	24.2	36.4



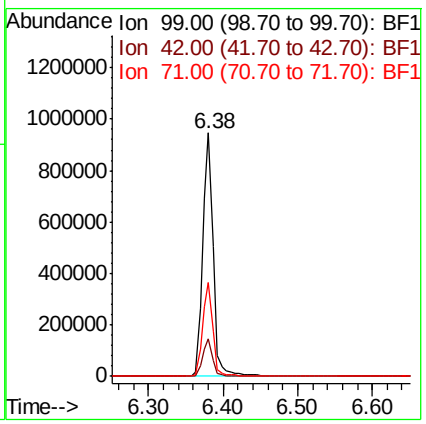


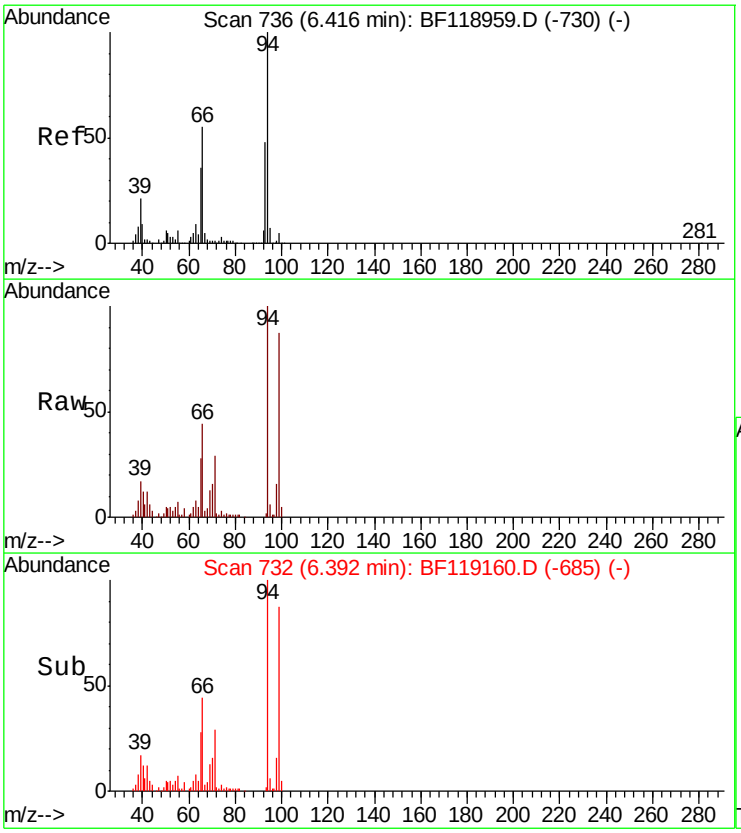
#7
Phenol-d6
Concen: 83.416 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 941585

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.6	18.8
71	38.8	31.0	46.4

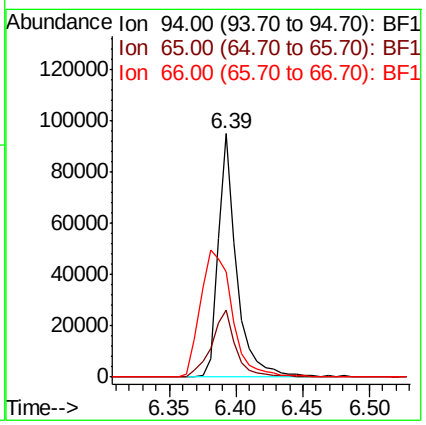


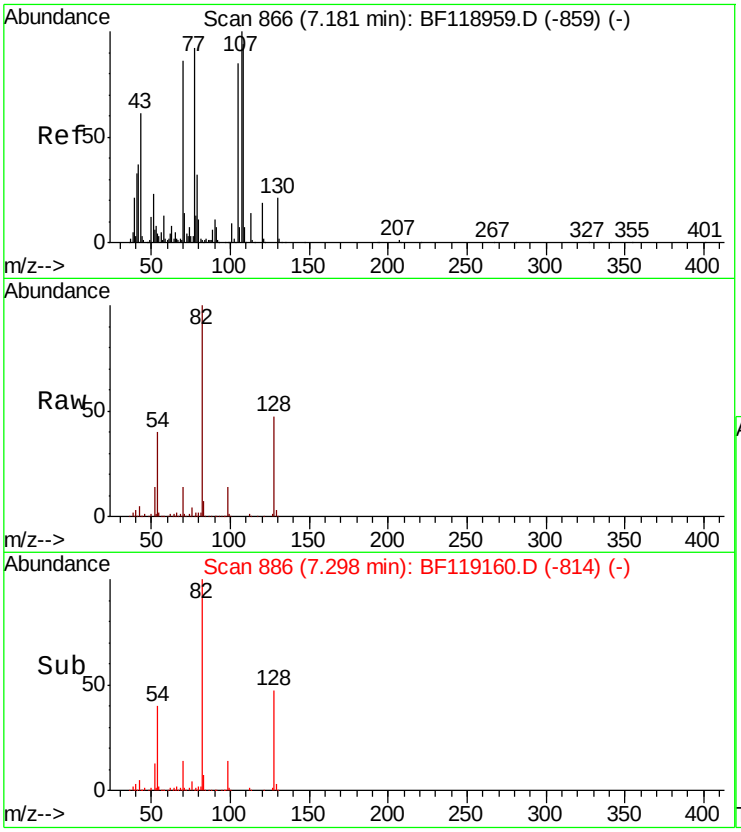


#10
Phenol
Concen: 7.588 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion: 94 Resp: 92606

Ion	Ratio	Lower	Upper
94	100		
65	27.7	19.2	59.2
66	43.5	44.4	84.4#



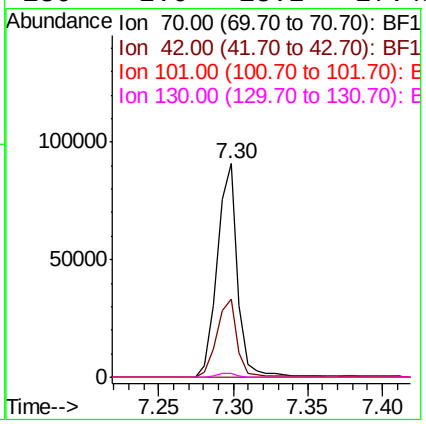


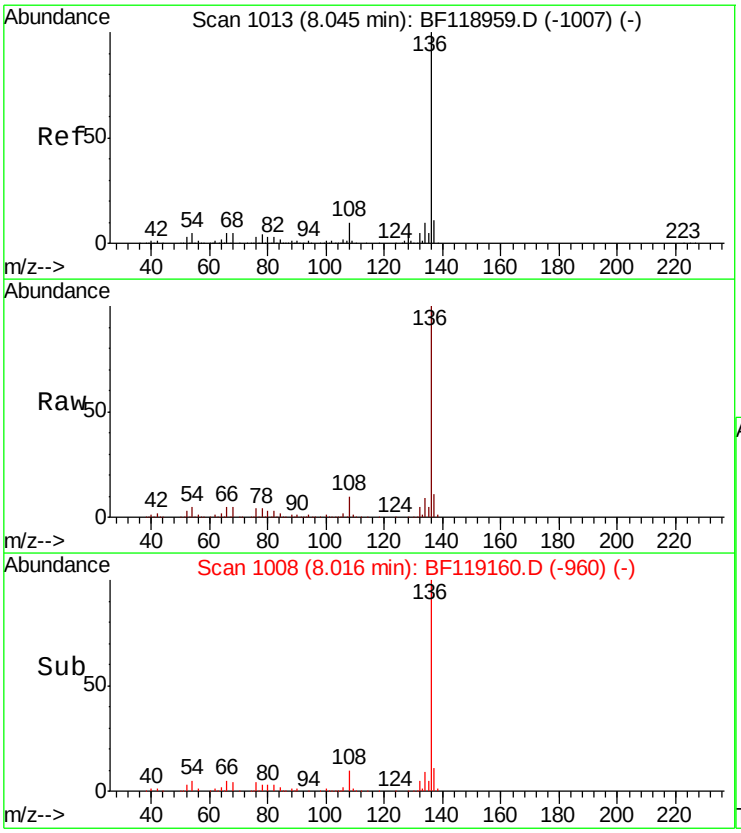
#19
n-Nitroso-di-n-propylamine
Concen: 13.344 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.12 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 87766

Ion	Ratio	Lower	Upper
70	100		
42	36.4	38.0	57.0#
101	0.0	8.2	12.4#
130	2.0	18.2	27.4#

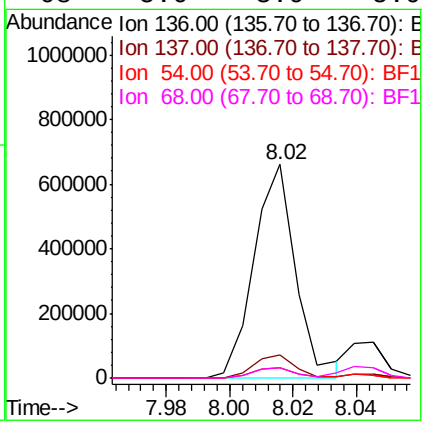


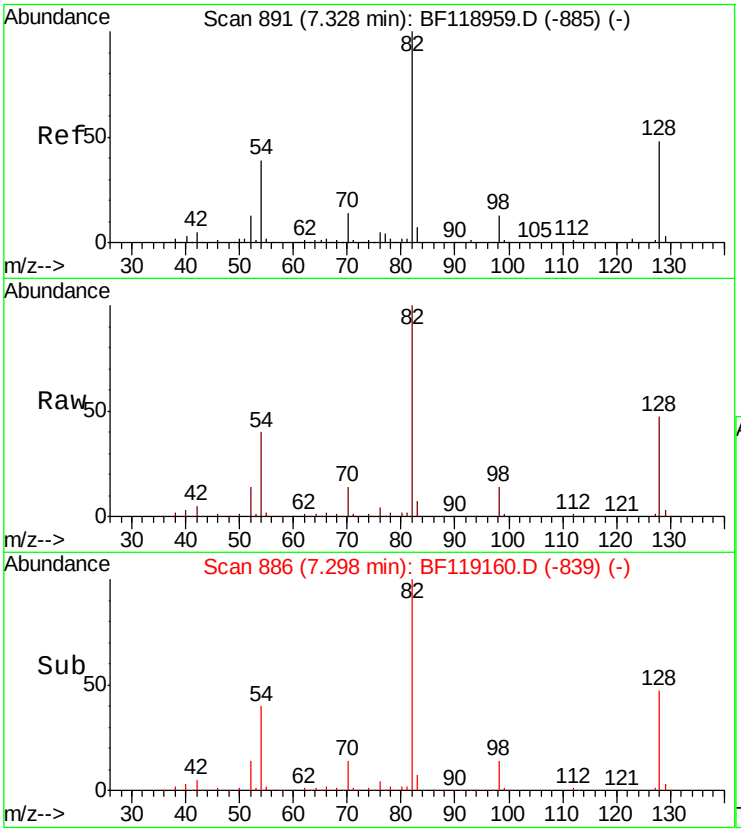


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:136 Resp: 605033

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	4.7	3.8	5.6
68	5.0	3.9	5.9



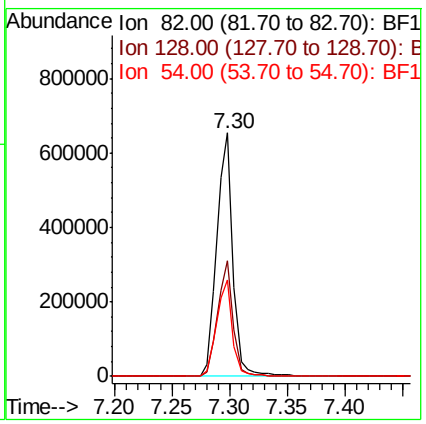


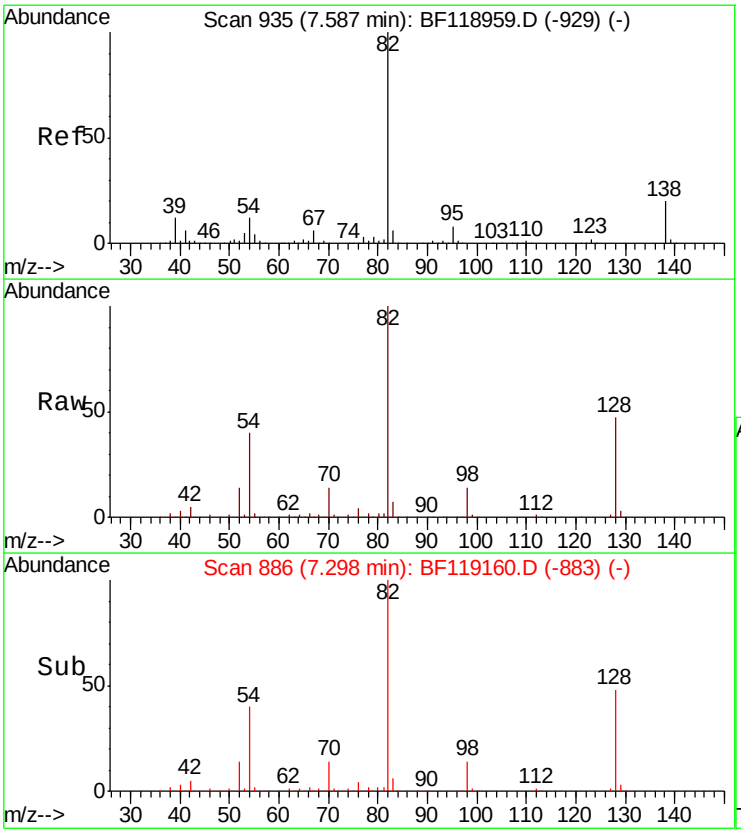
#23
Nitrobenzene-d5
Concen: 55.185 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 632359

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.9	56.9
54	39.8	33.4	50.2

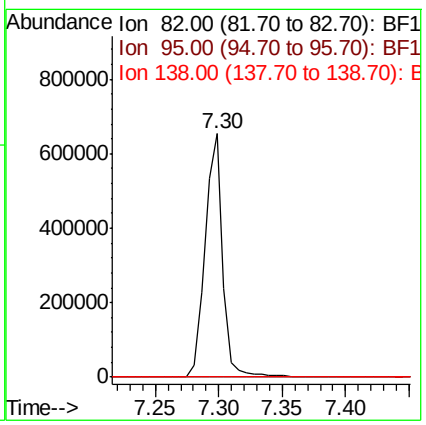


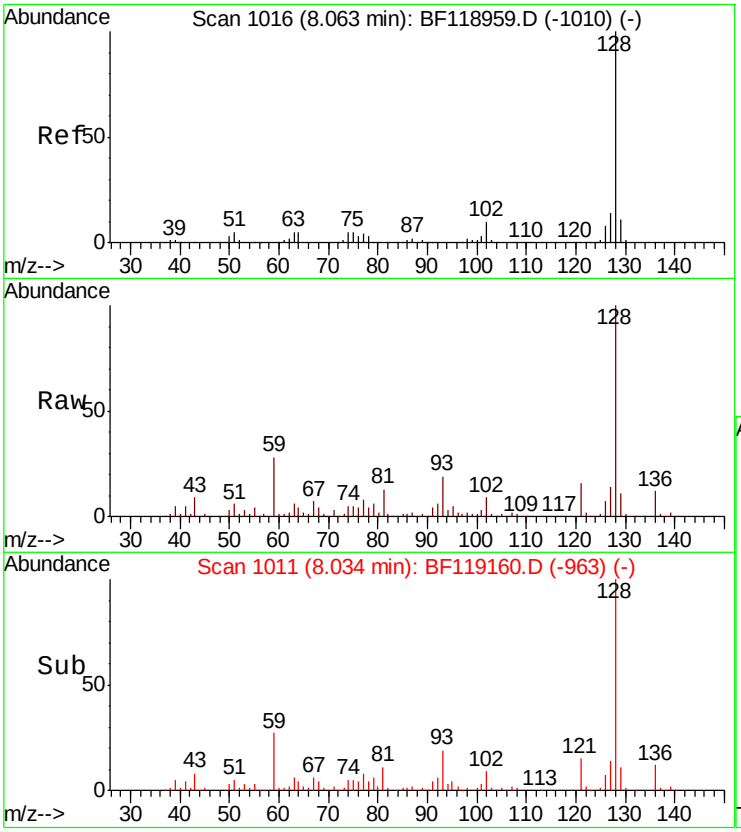


#25
Isophorone
Concen: 31.510 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.28 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion: 82 Resp: 627081

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.4	9.6#
138	0.0	15.7	23.5#



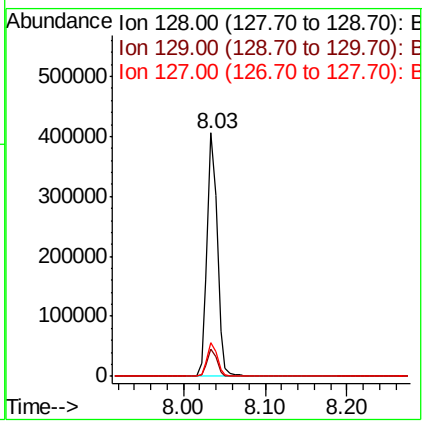


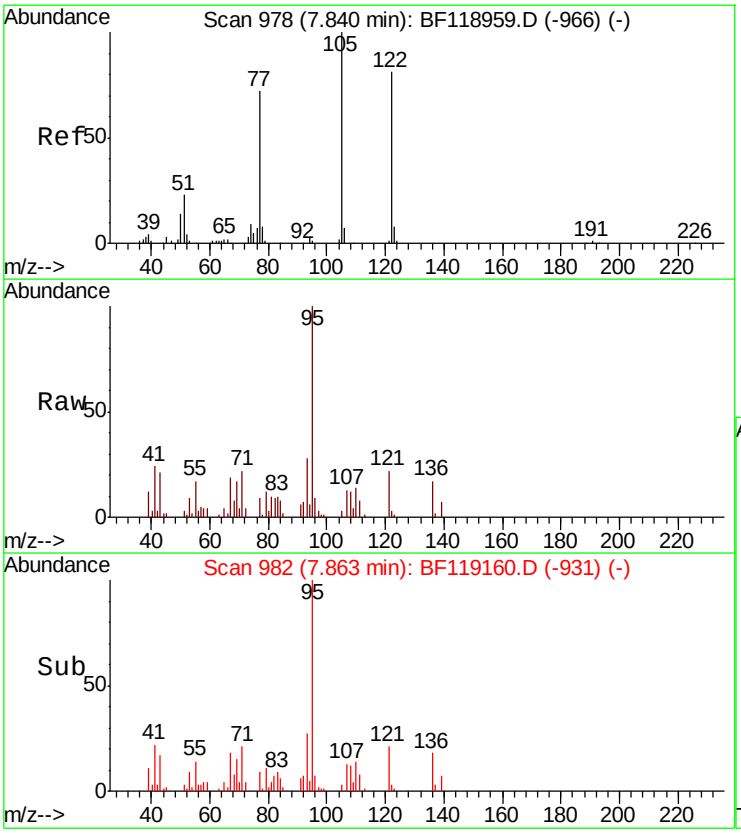
#31
Naphthalene
Concen: 11.327 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 355414

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	13.7	11.4	17.2

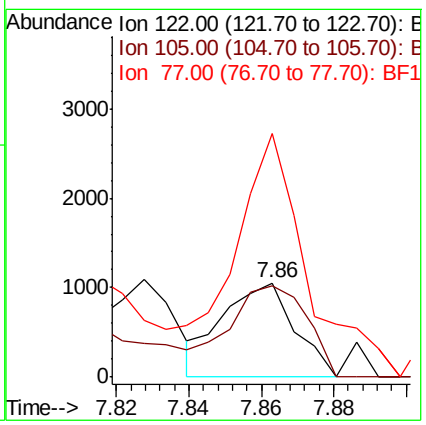


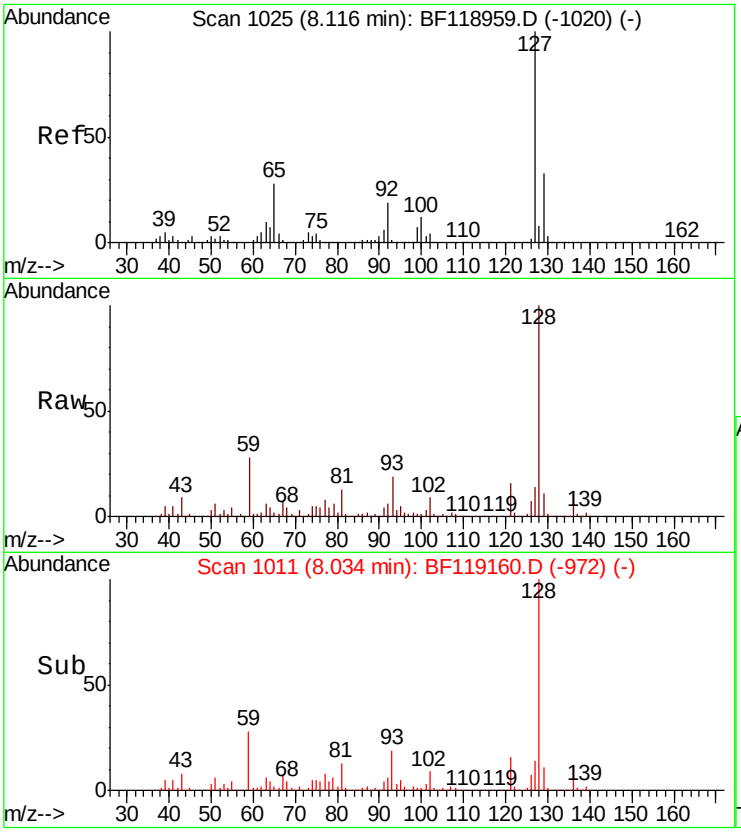


#32
Benzoic acid
Concen: 6.890 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:122 Resp: 1448

Ion	Ratio	Lower	Upper
122	100		
105	97.0	106.3	146.3#
77	258.5	73.1	113.1#



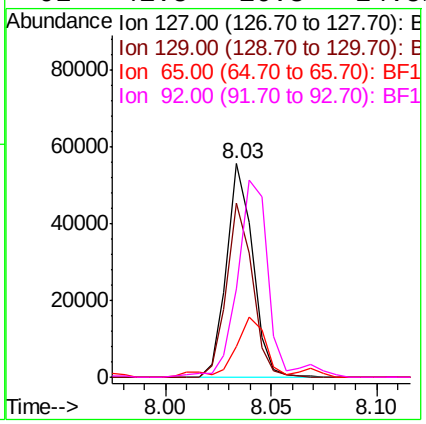


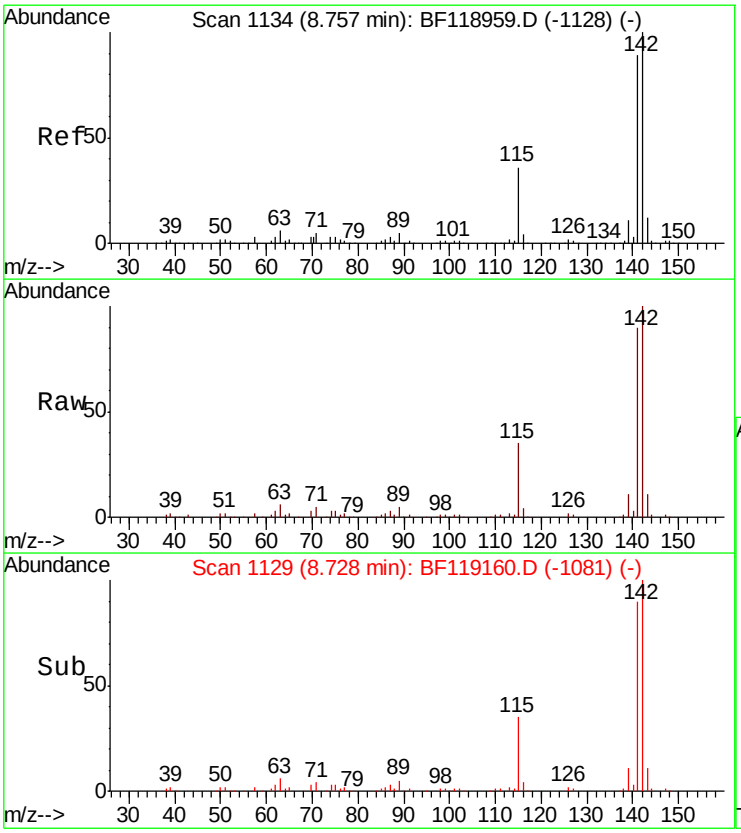
#33
4-Chloroaniline
Concen: 3.531 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.07 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 47658

Ion	Ratio	Lower	Upper
127	100		
129	81.8	25.9	38.9#
65	14.3	23.9	35.9#
92	41.5	16.3	24.5#

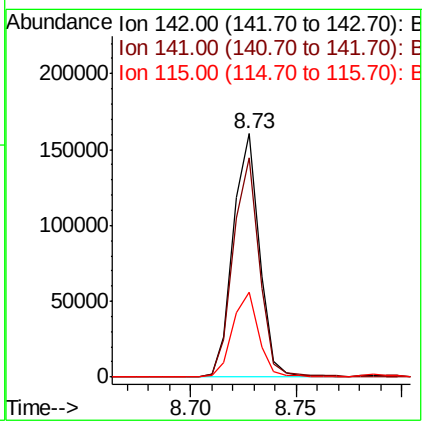


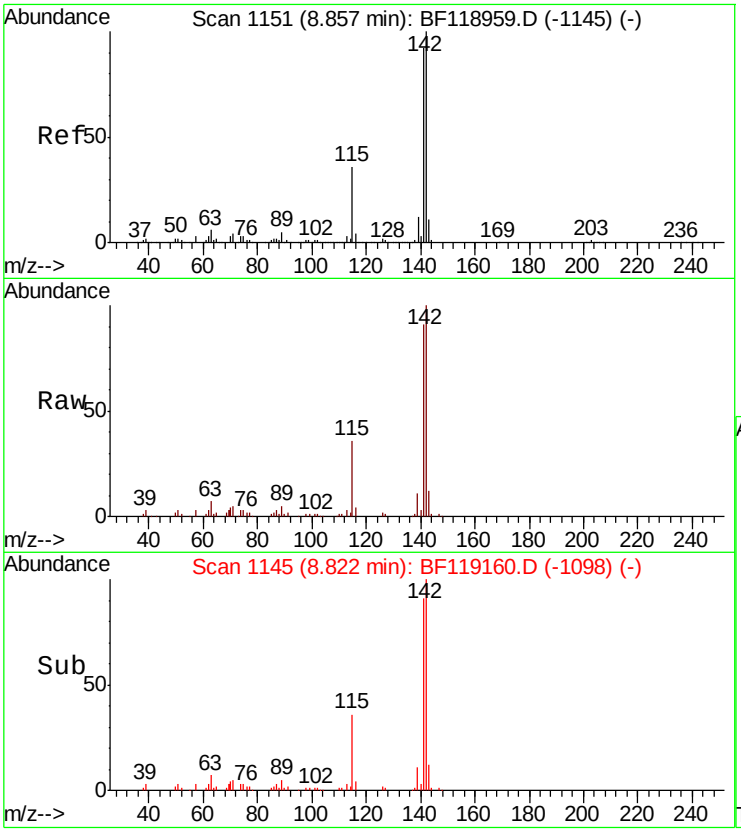


#37
2-Methylnaphthalene
Concen: 6.547 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:142 Resp: 138248

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.3	108.5
115	34.8	30.6	45.8



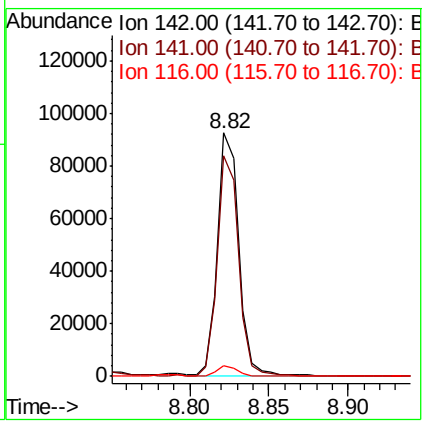


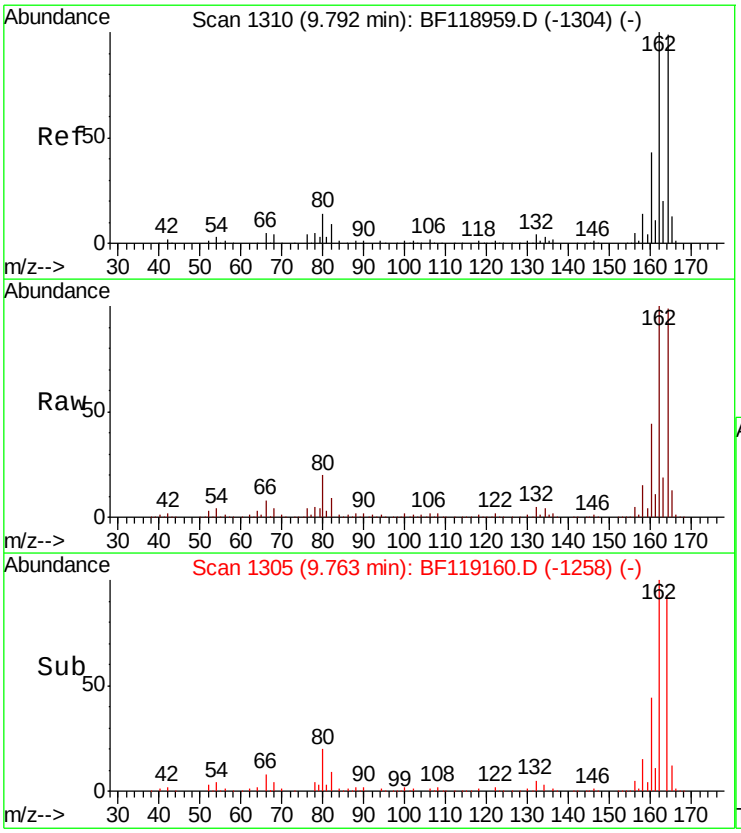
#38
1-Methylnaphthalene
Concen: 4.384 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 87061

Ion	Ratio	Lower	Upper
142	100		
141	90.5	75.8	113.6
116	4.4	3.1	4.7

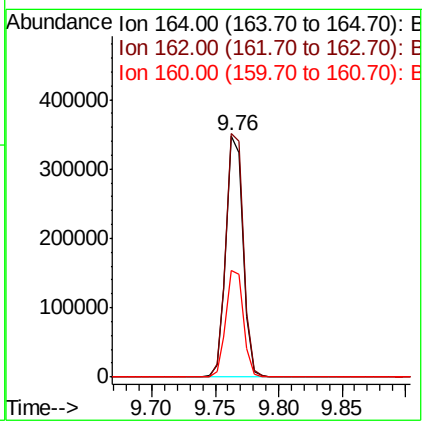


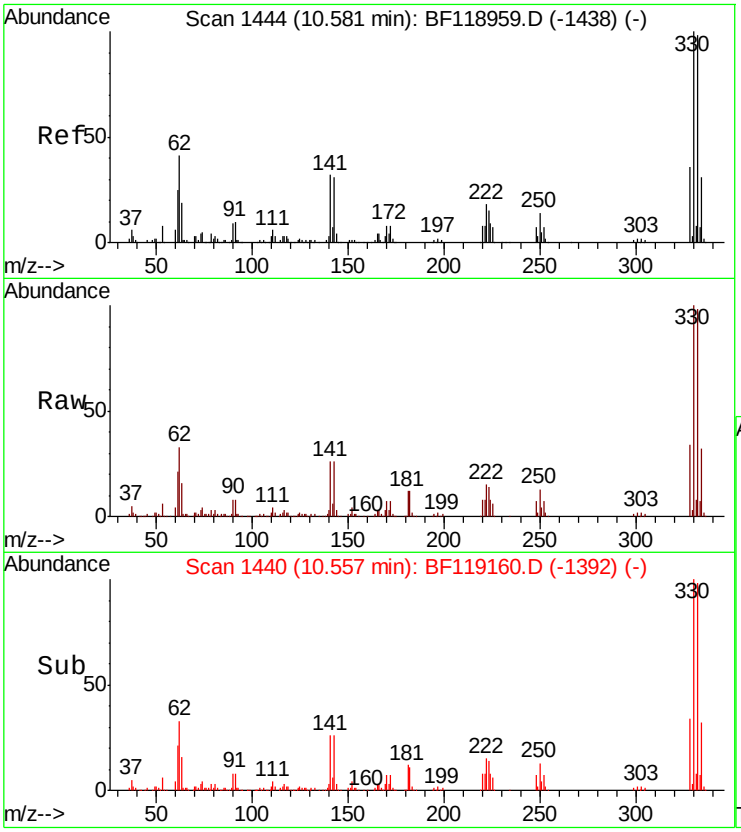


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:164 Resp: 326151

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.8	122.8
160	44.4	36.0	54.0



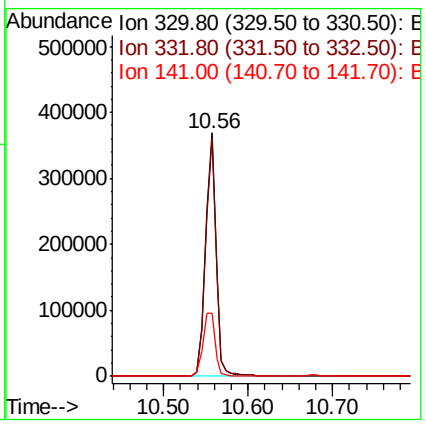


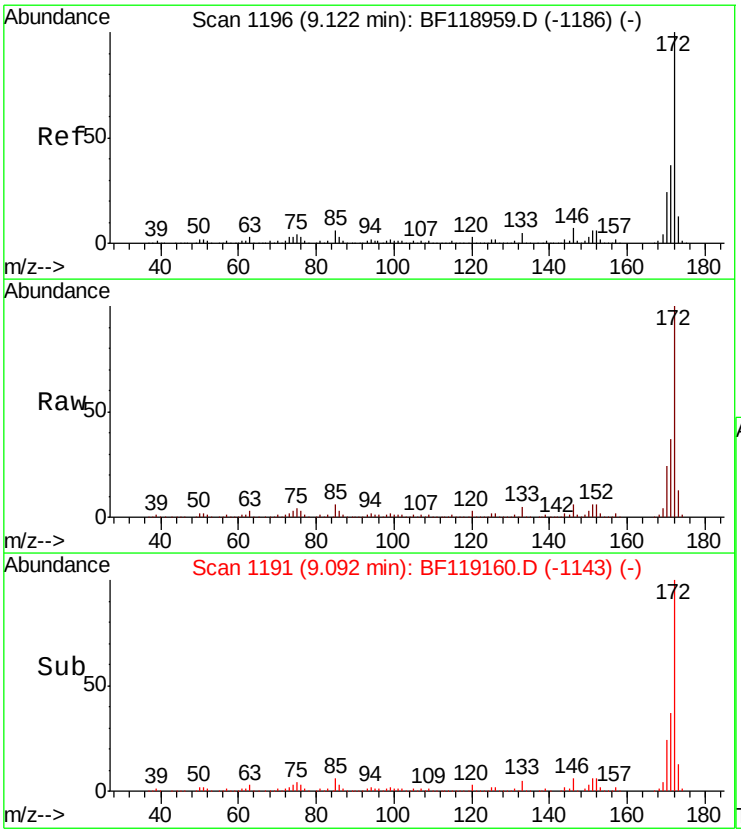
#42
2,4,6-Tribromophenol
Concen: 75.530 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 322258

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.0	114.0
141	29.9	22.9	34.3

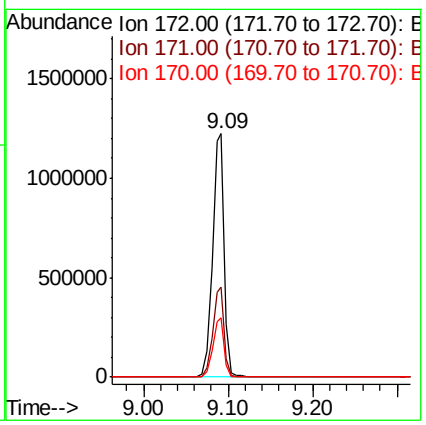


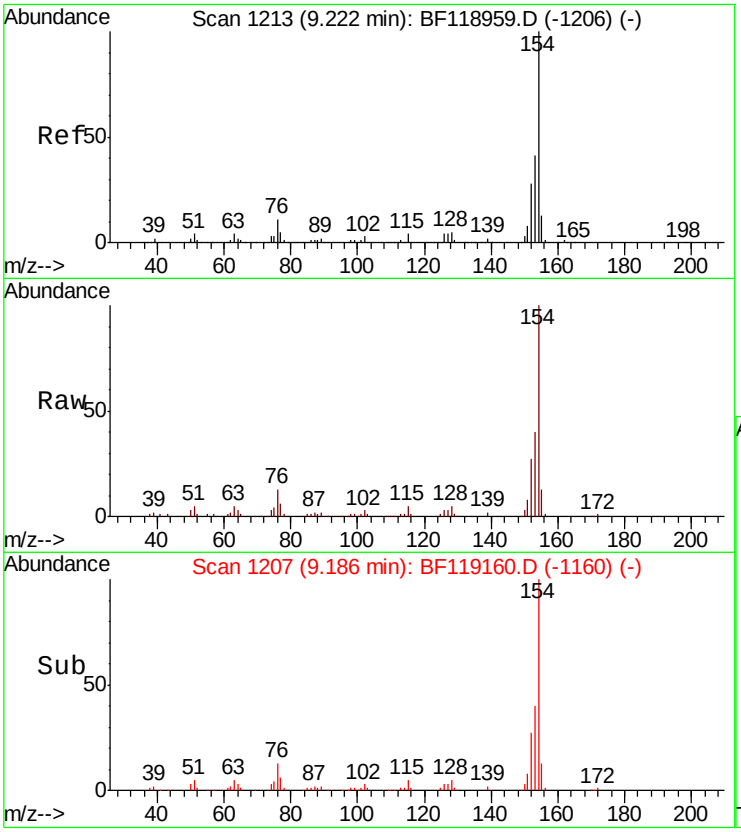


#45
2-Fluorobiphenyl
Concen: 54.848 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:172 Resp: 1214299

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	45.8
170	24.1	20.2	30.2



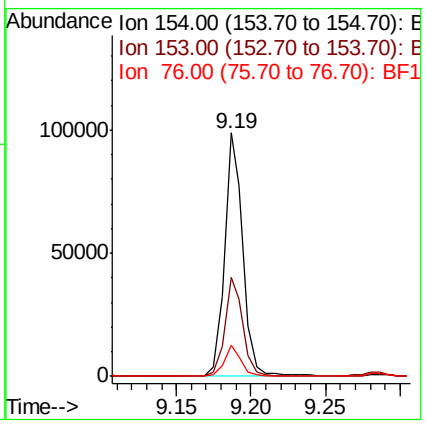


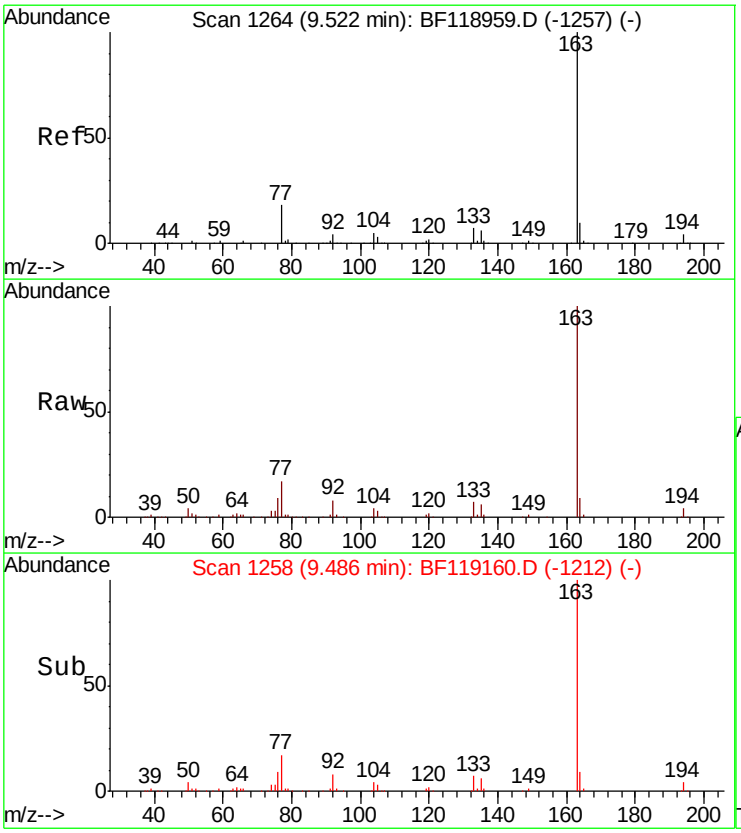
#46
1,1'-Biphenyl
Concen: 3.236 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 85307

Ion	Ratio	Lower	Upper
154	100		
153	40.4	22.8	62.8
76	12.9	0.0	32.2

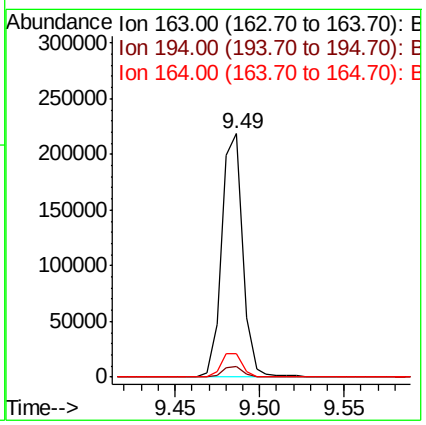


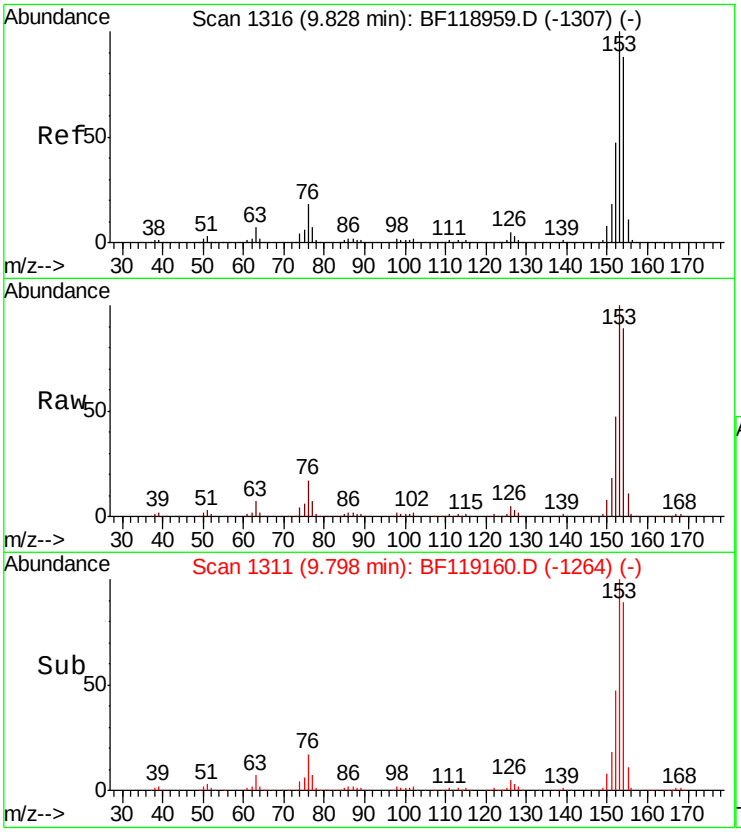


#50
Dimethylphthalate
Concen: 7.626 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:163 Resp: 190197

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.5	8.4	12.6



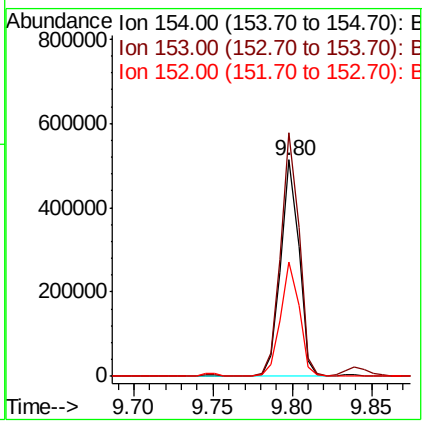


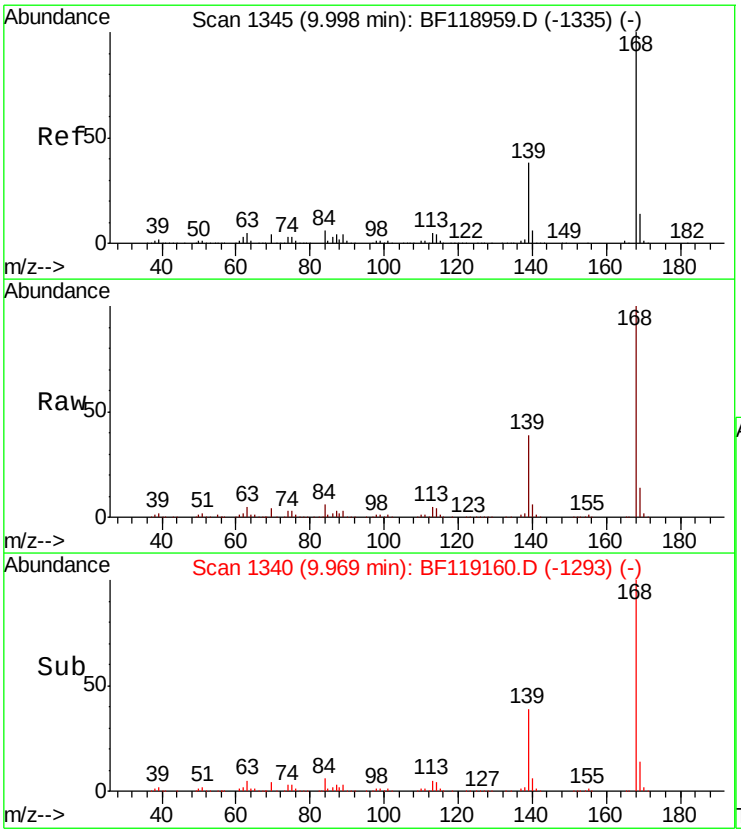
#52
Acenaphthene
Concen: 22.410 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 414576

Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.3	135.5
152	52.9	43.8	65.8

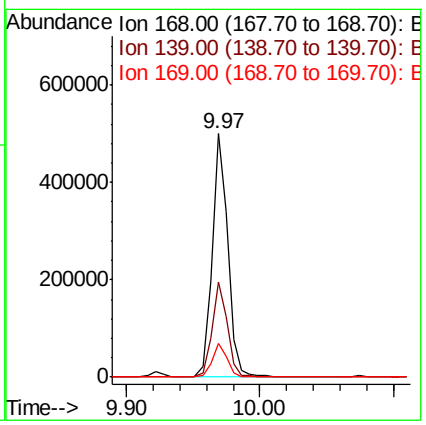


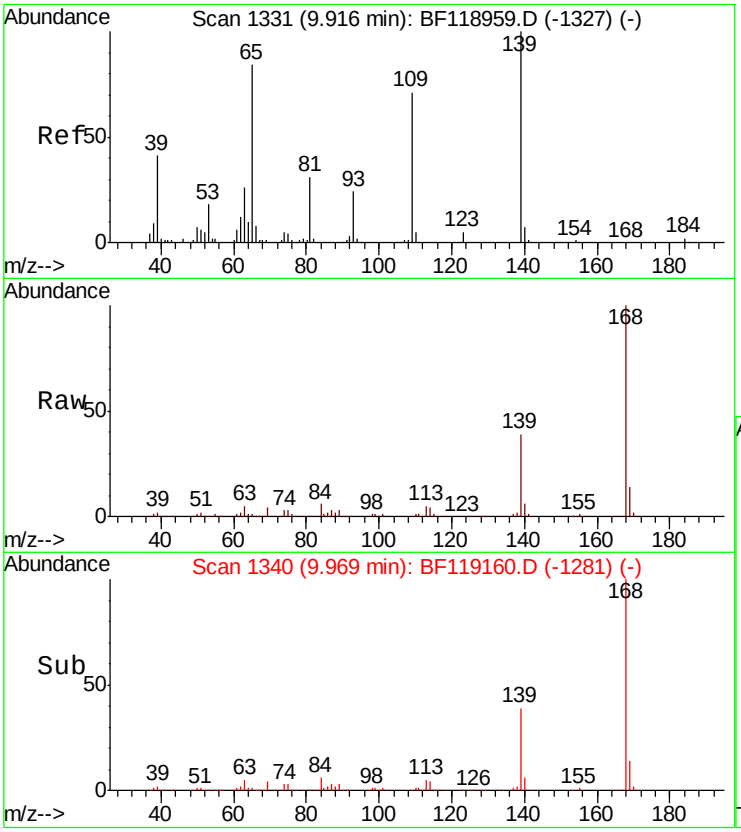


#55
Dibenzofuran
Concen: 15.013 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:168 Resp: 414544

Ion	Ratio	Lower	Upper
168	100		
139	39.0	34.0	51.0
169	13.6	11.0	16.4



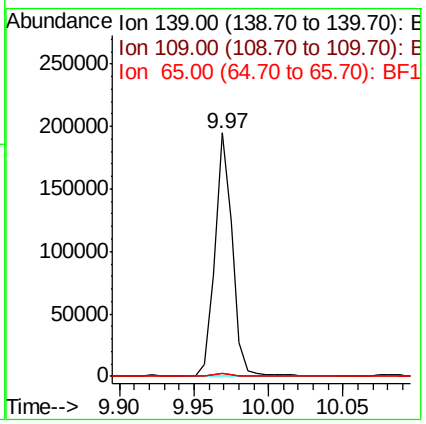


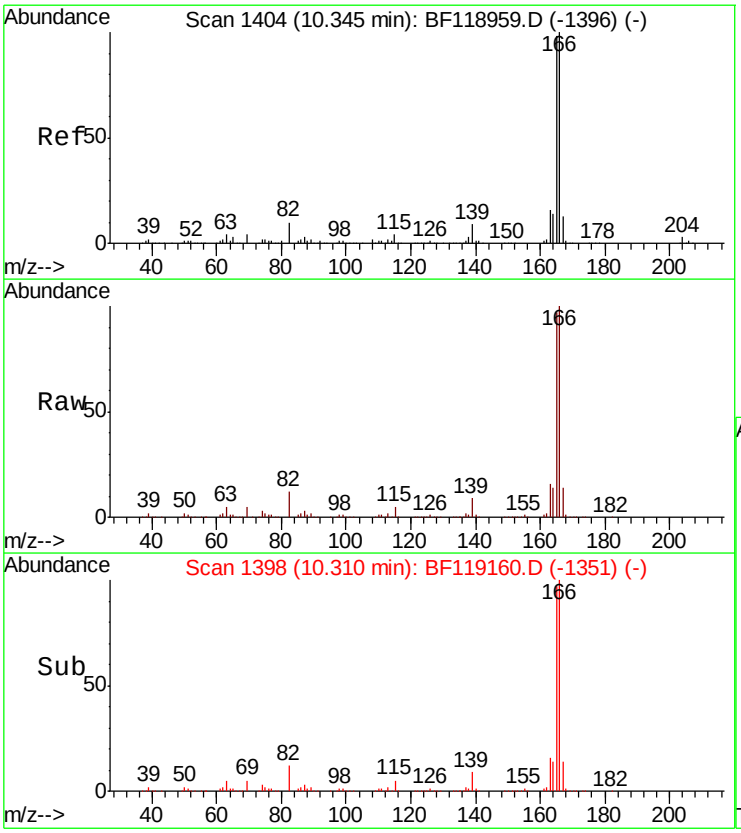
#56
4-Nitrophenol
Concen: 42.974 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.05 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 158606

Ion	Ratio	Lower	Upper
139	100		
109	1.2	56.7	96.7#
65	1.5	65.0	105.0#

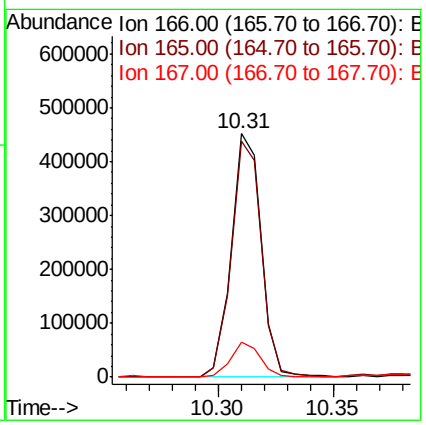


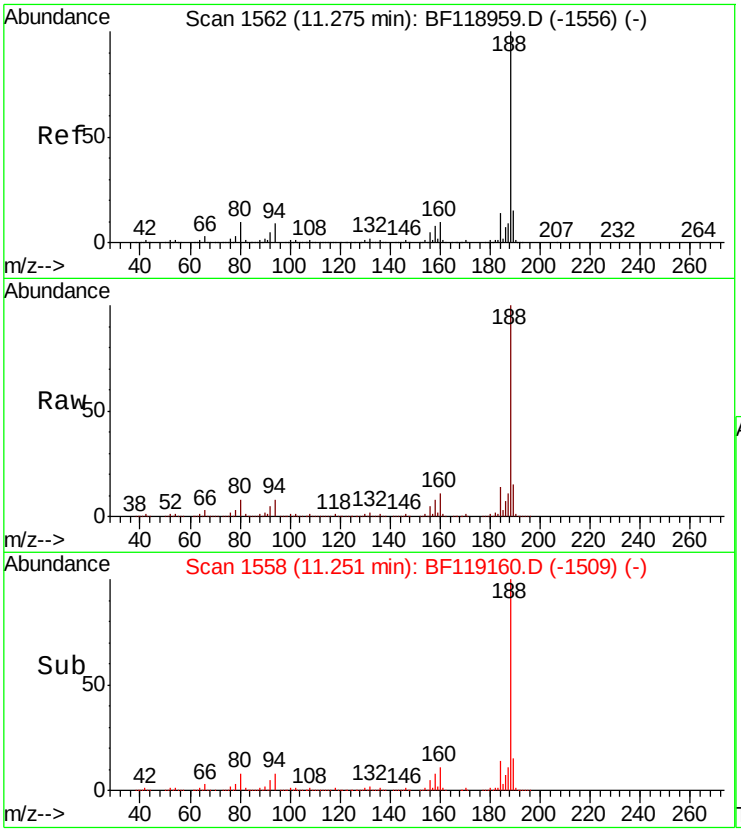


#58
Fluorene
Concen: 18.930 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:166 Resp: 406162

Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.5	117.7
167	14.1	11.0	16.4



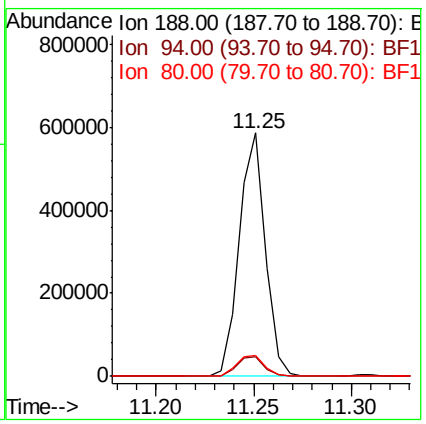


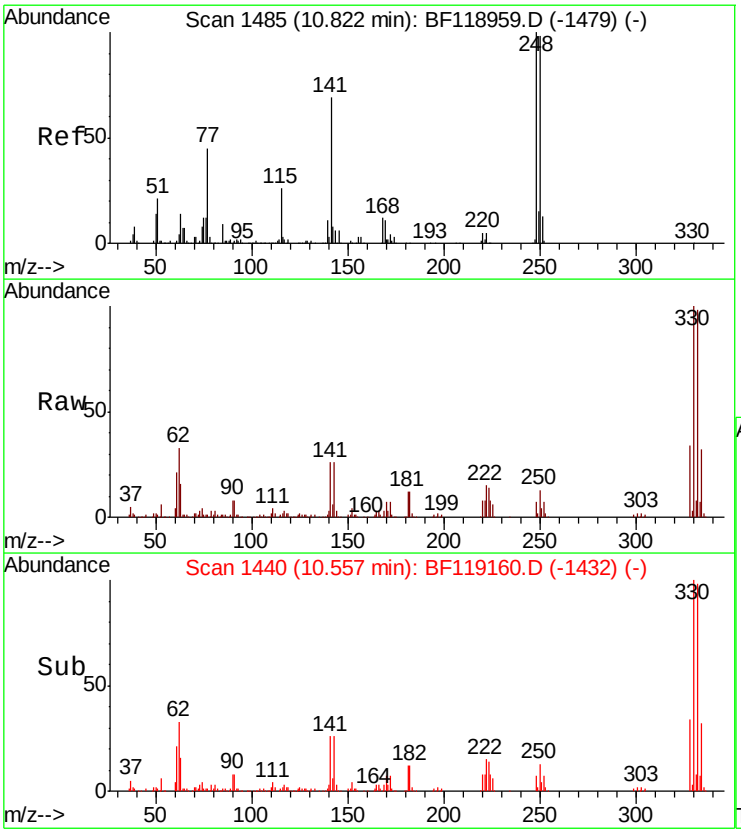
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 541946

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.1	10.7
80	8.5	7.8	11.8

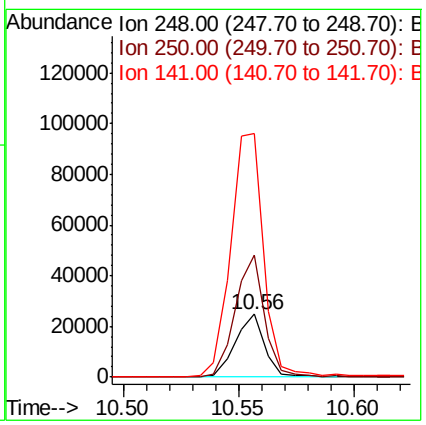


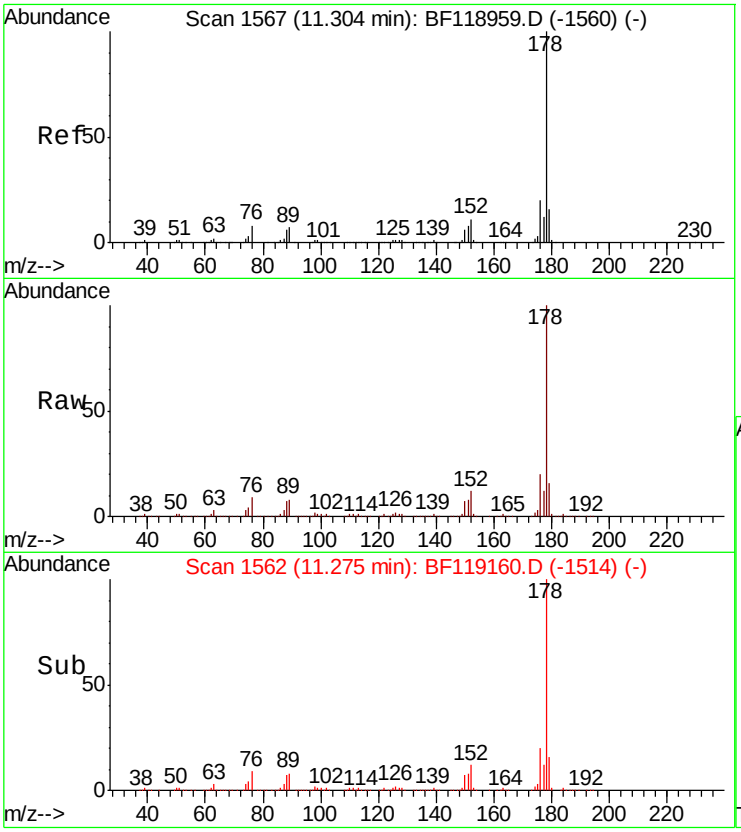


#67
4-Bromophenyl-phenylether
Concen: 3.073 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:248 Resp: 21770

Ion	Ratio	Lower	Upper
248	100		
250	193.5	76.7	115.1#
141	386.9	60.7	91.1#



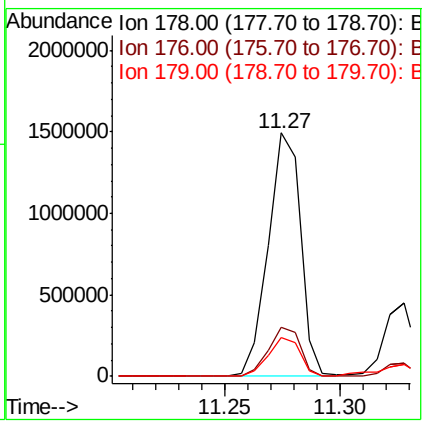


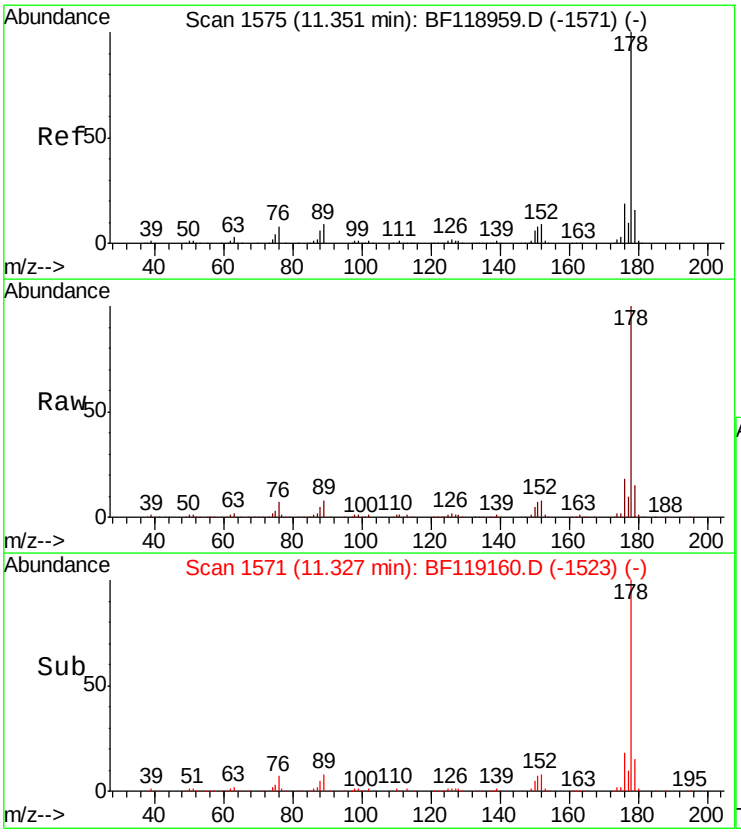
#71
Phenanthrene
Concen: 49.211 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1454422

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.5	24.7
179	15.9	13.0	19.6

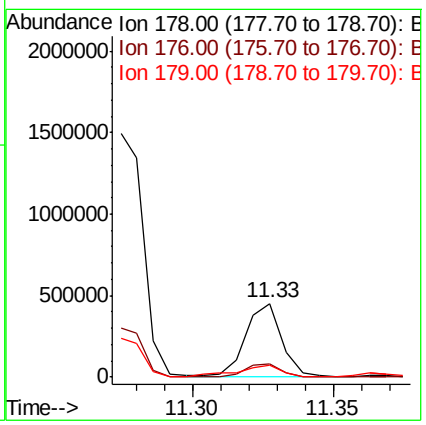


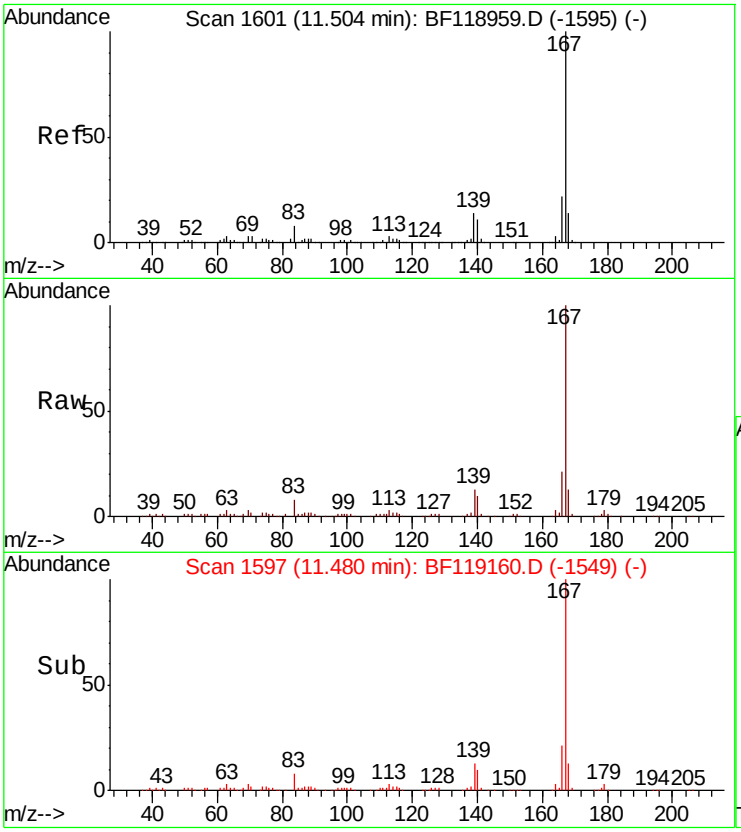


#72
Anthracene
Concen: 13.330 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:178 Resp: 393654

Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.0	24.0
179	15.4	13.1	19.7



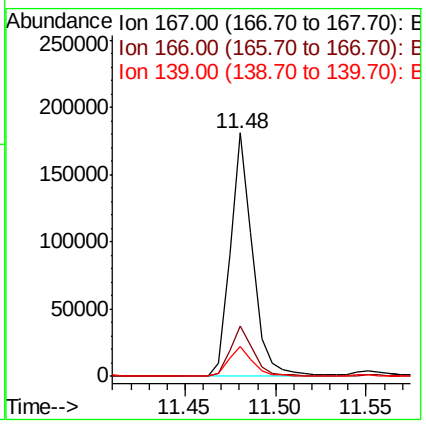


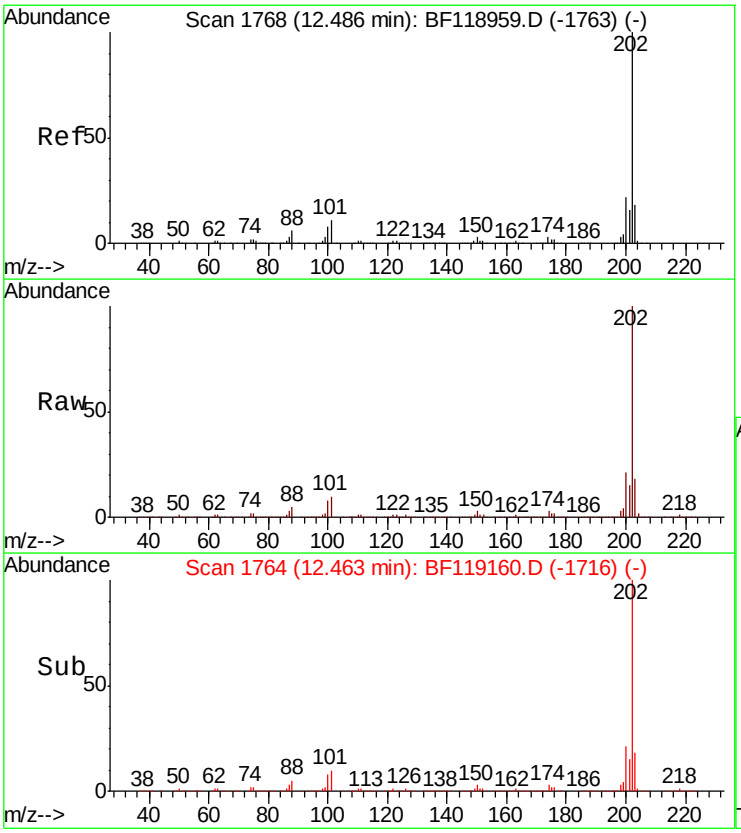
#73
Carbazole
Concen: 5.931 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 156025

Ion	Ratio	Lower	Upper
167	100		
166	20.7	18.2	27.4
139	12.5	11.7	17.5

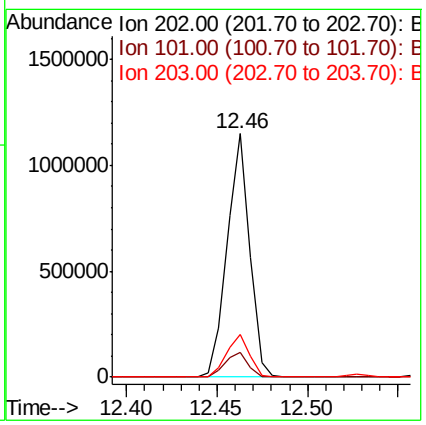


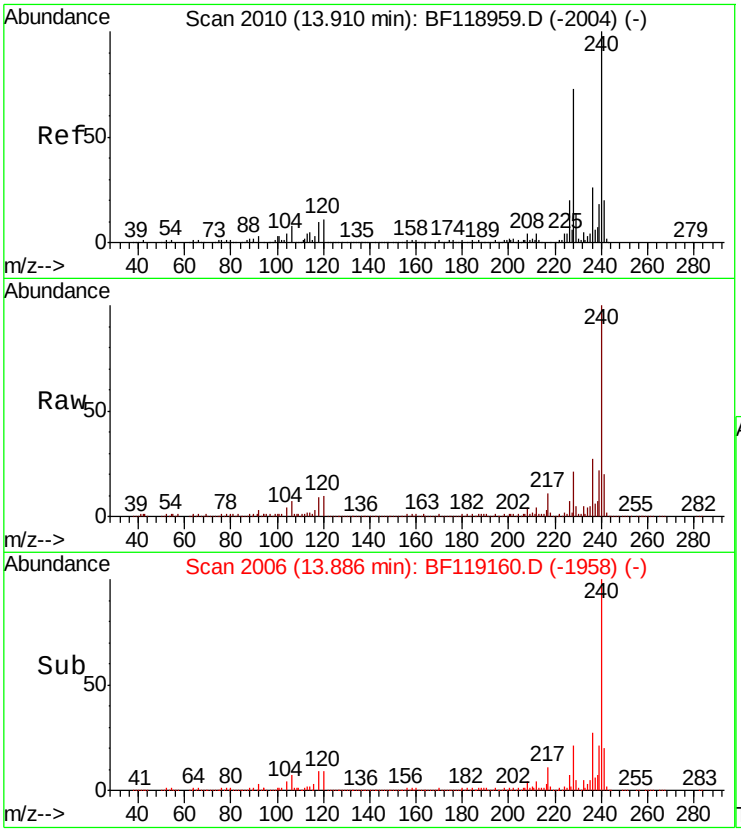


#75
Fluoranthene
Concen: 31.871 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:202 Resp: 999842

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.3
203	17.6	0.0	38.4



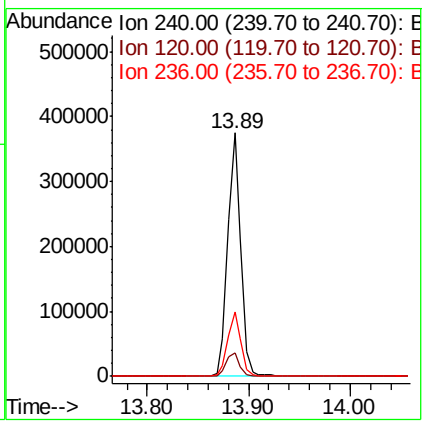


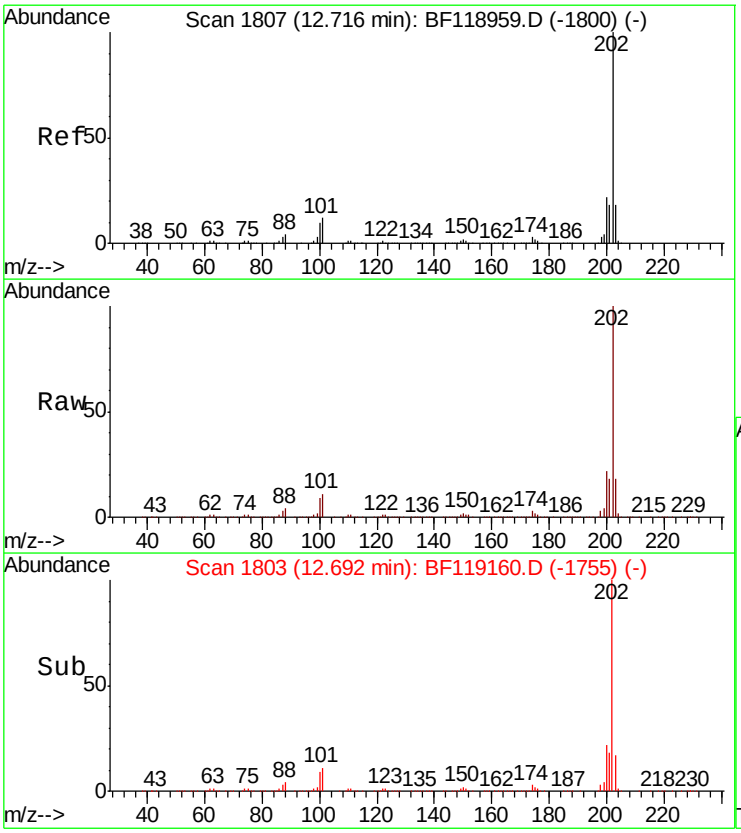
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 336976

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.4	12.6
236	26.6	21.0	31.4

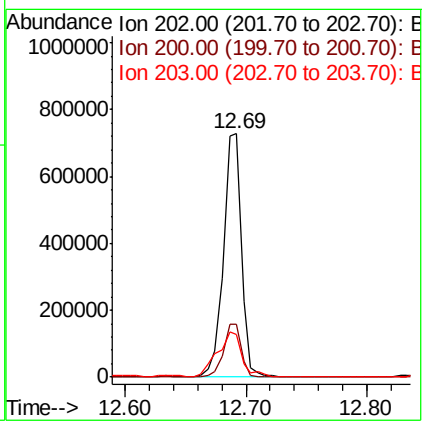


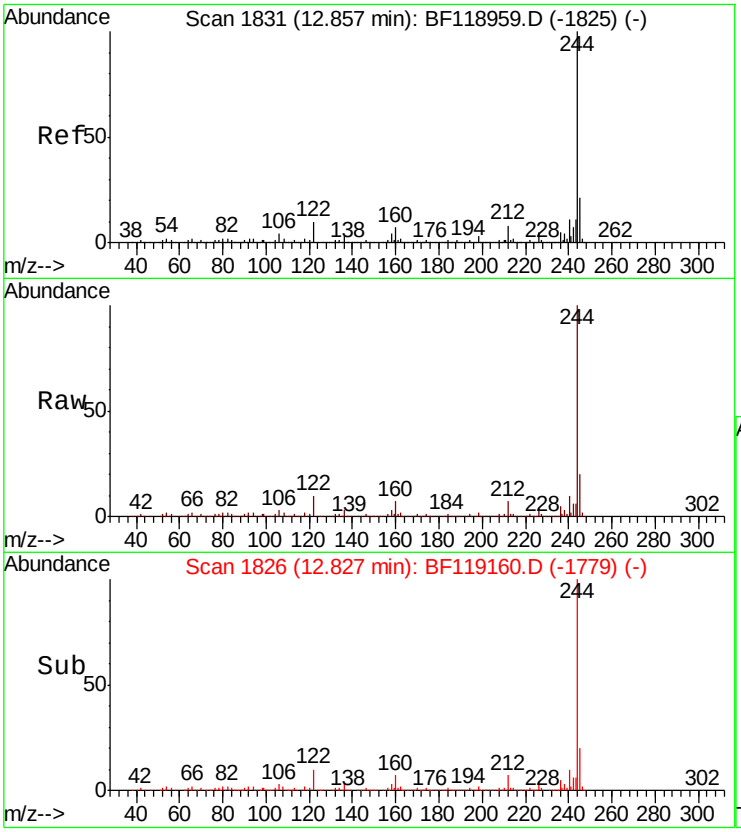


#78
Pyrene
Concen: 27.792 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:202 Resp: 752019

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.0	27.0
203	17.6	14.6	22.0



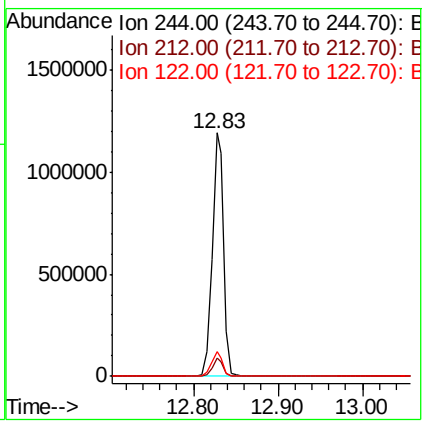


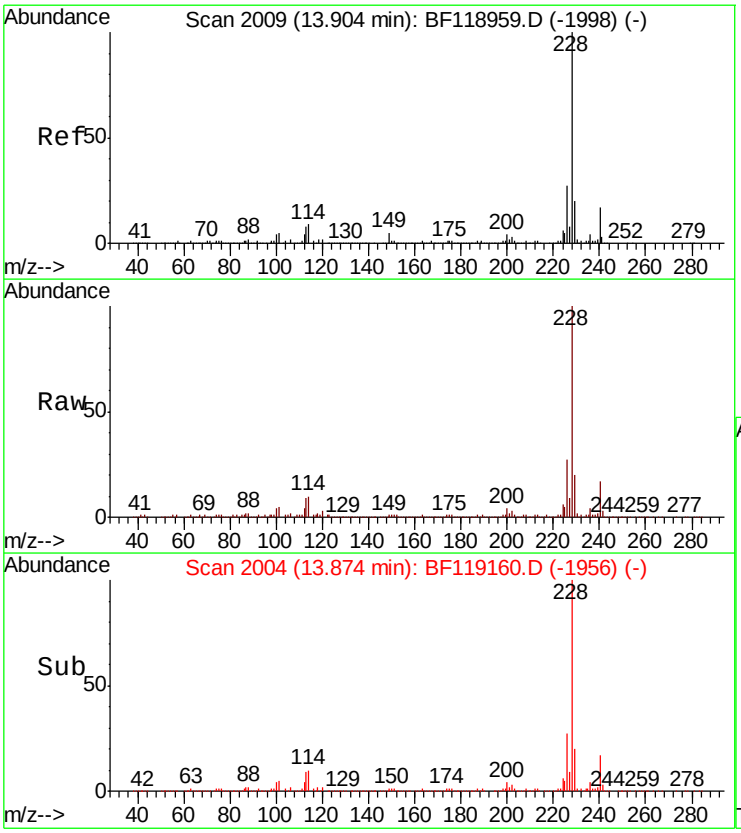
#79
Terphenyl-d14
Concen: 58.909 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1153001

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	10.0
122	10.4	8.2	12.2

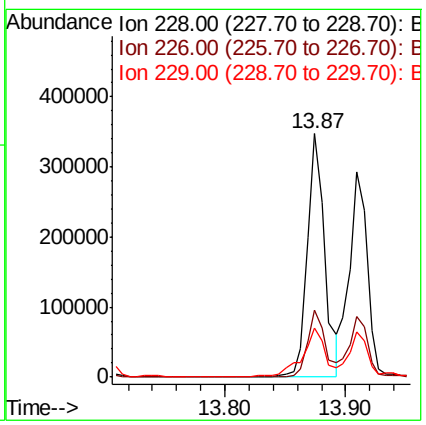


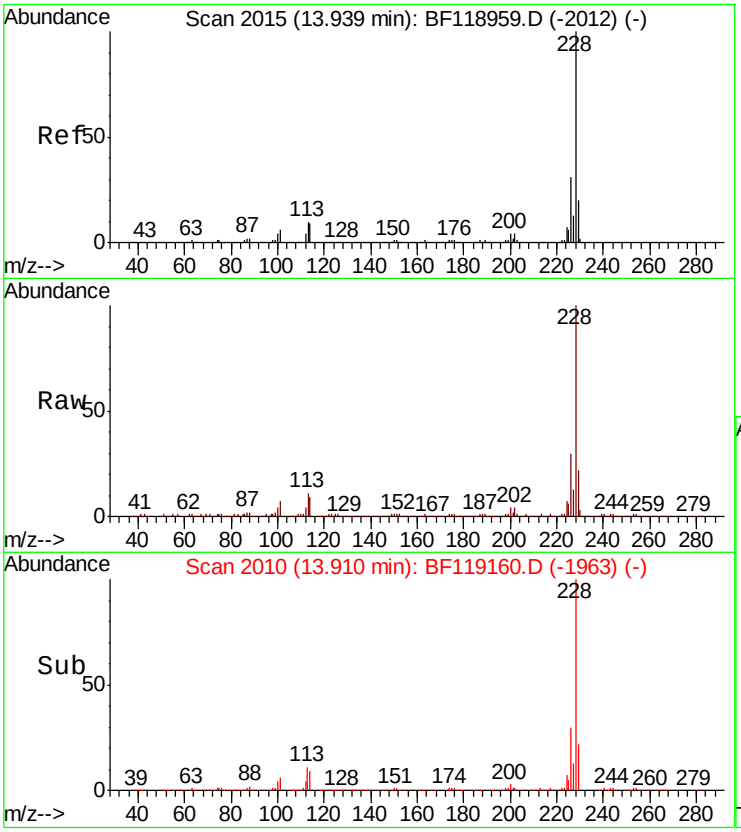


#81
Benzo(a)anthracene
Concen: 15.188 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:228 Resp: 348711

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.3	16.6	24.8



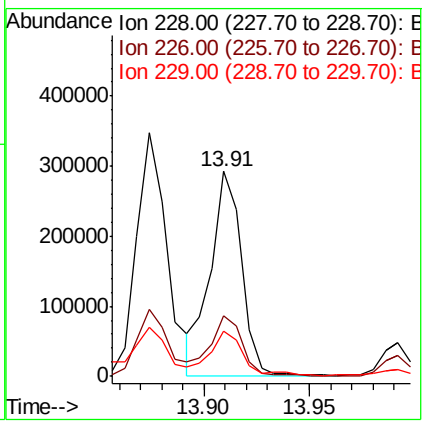


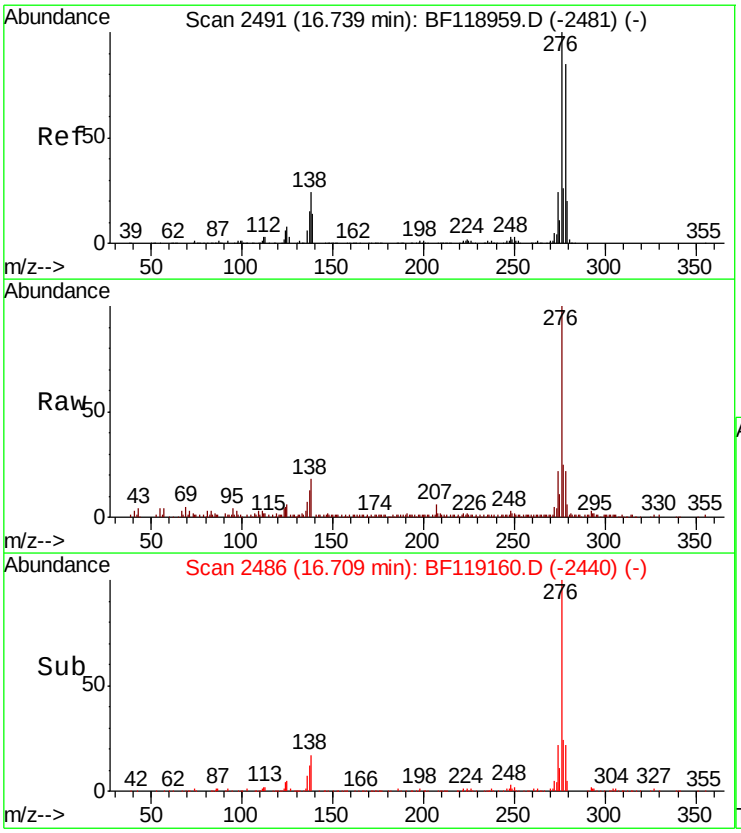
#83
Chrysene
Concen: 13.176 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 301444

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.1	37.7
229	22.2	16.3	24.5

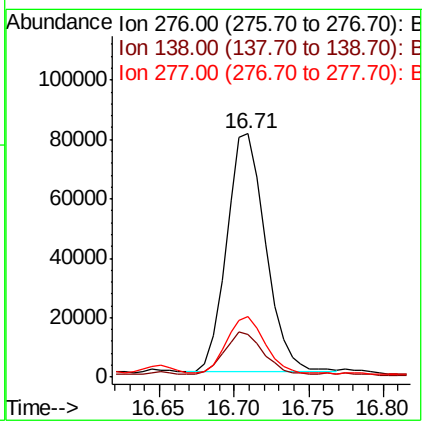


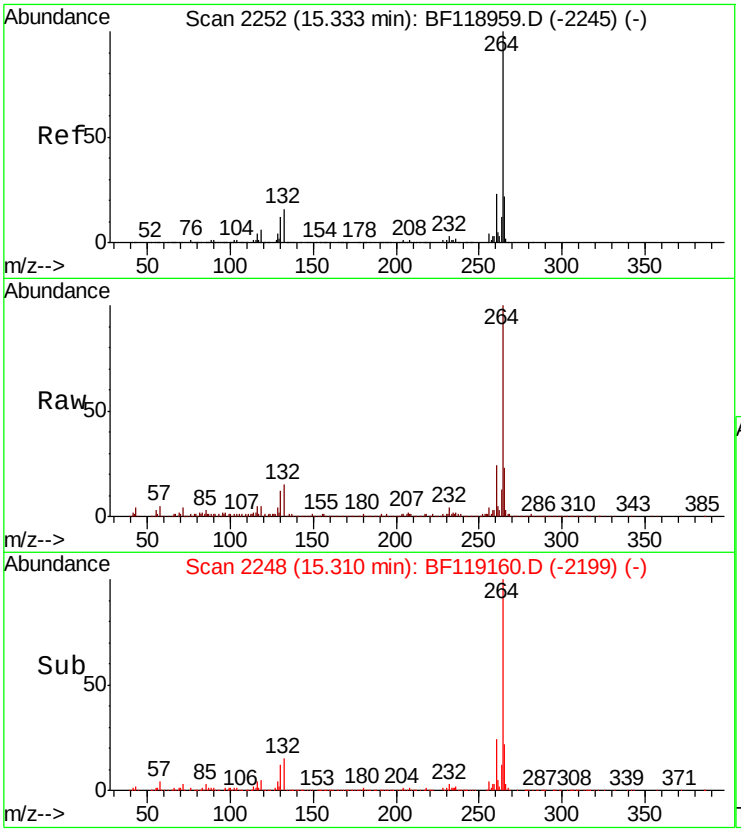


#86
Indeno(1,2,3-cd)pyrene
Concen: 6.624 ng
RT: 16.71 min Scan# 2486
Delta R.T. -0.03 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:276 Resp: 146740

Ion	Ratio	Lower	Upper
276	100		
138	19.2	17.4	26.0
277	24.8	20.3	30.5



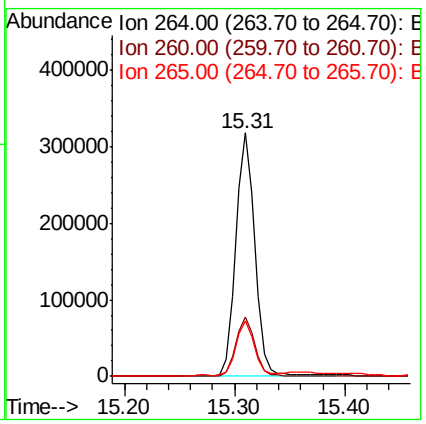


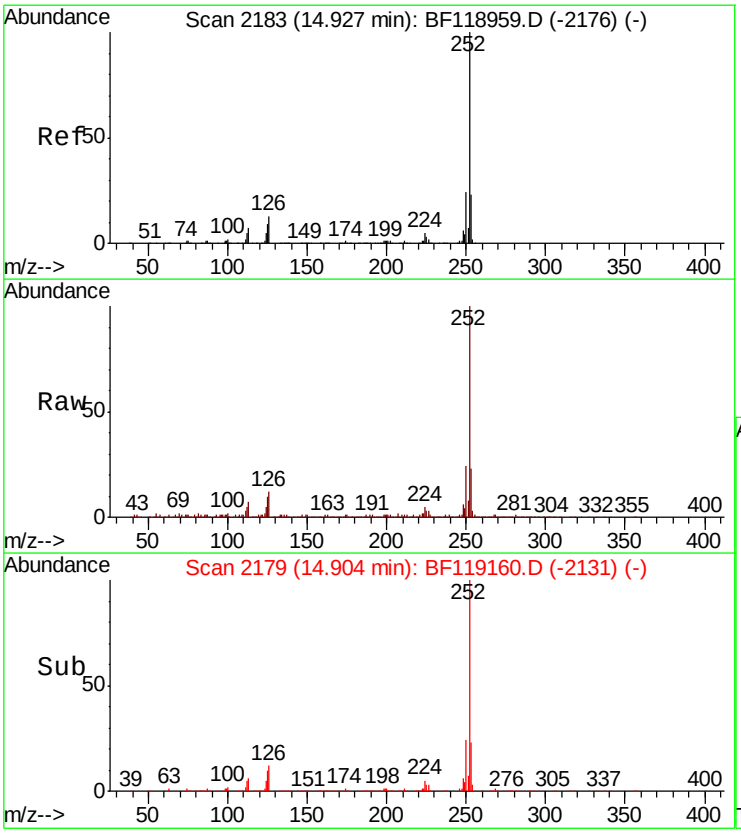
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 385736

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.5	17.7	26.5

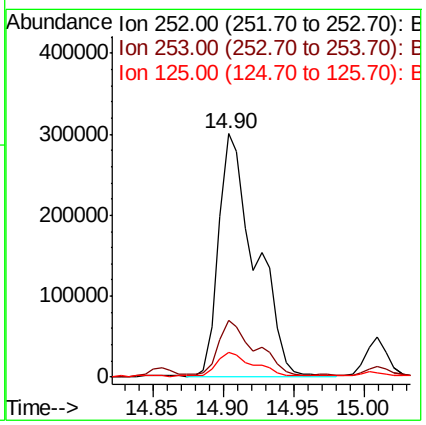


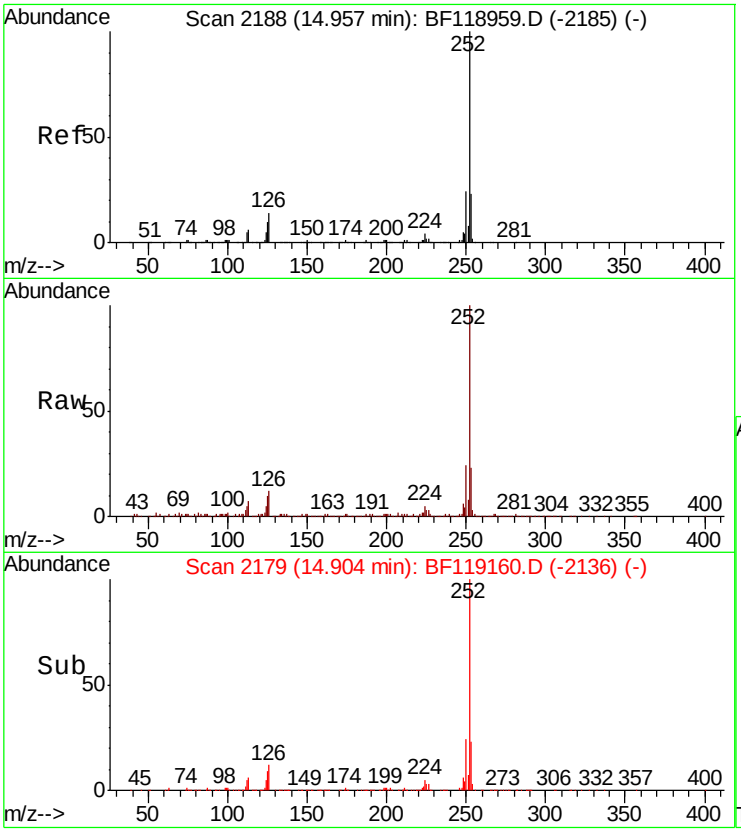


#88
Benzo(b)fluoranthene
Concen: 21.282 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:252 Resp: 541116

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	10.1	7.4	11.0



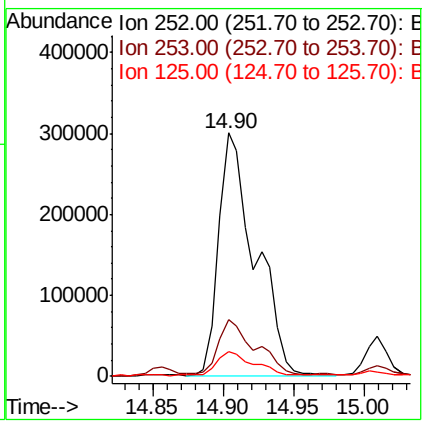


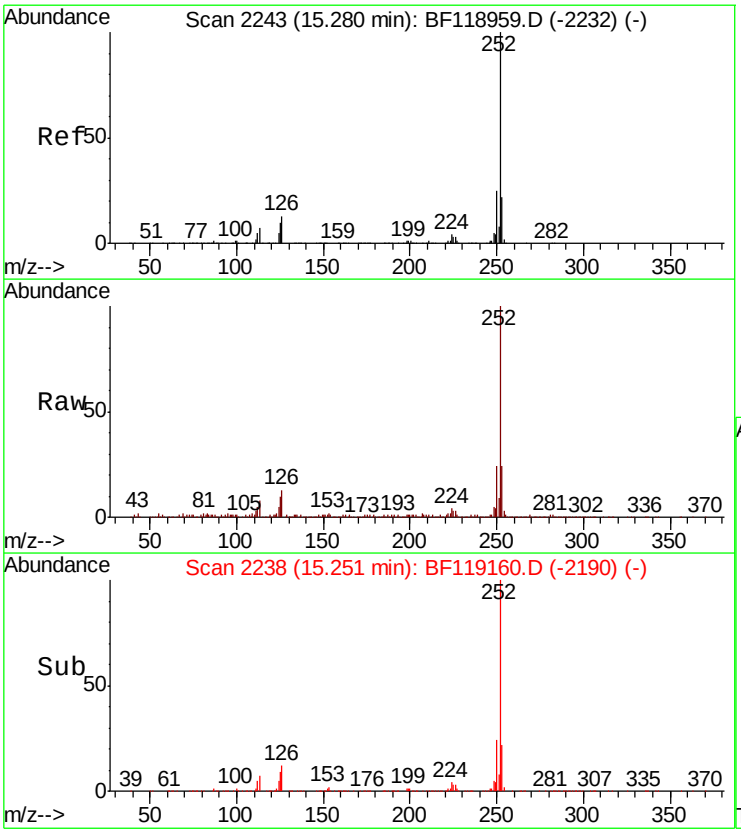
#89
Benzo(k)fluoranthene
Concen: 22.965 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.05 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 541116

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	10.1	7.5	11.3

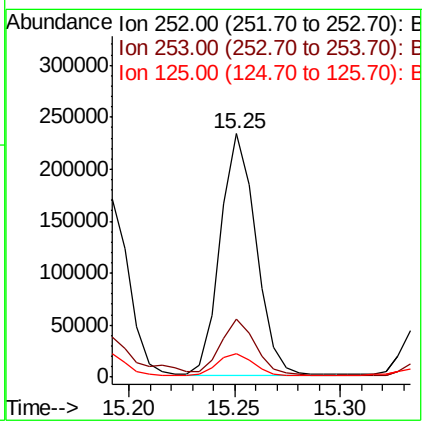


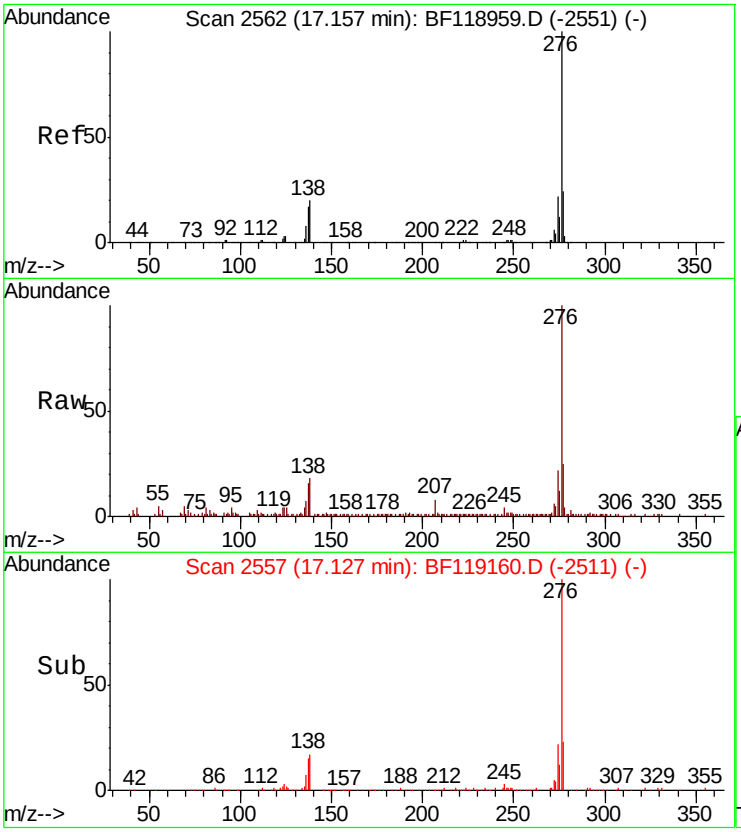


#90
Benzo(a)pyrene
Concen: 11.989 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Tgt Ion:252 Resp: 275123

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	9.9	8.6	12.8





#92
Benzo(g,h,i)perylene
Concen: 6.847 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.03 min
Lab File: BF119160.D
Acq: 29 Feb 2020 16:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 136605

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.7	28.1
138	18.0	14.3	21.5