Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
Data File : BF120183.D
Acq On : 24 Apr 2020 2:24
Operator : MA/SJ
Sample : L2330-03DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-10-1DL

Quant Time: Apr 24 04:17:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:31:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	194186	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	826031	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	426824	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	770705	20.00	ng		0.00
76) Chrysene-d12	13.82	240	498713	20.00	ng		0.00
87) Perylene-d12	15.23	264	424669	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	166827	14.85	ng		0.00
7) Phenol-d6	6.30	99	227995	15.75	ng		-0.01
23) Nitrobenzene-d5	7.22	82	150561	9.43	ng		-0.02
42) 2,4,6-Tribromophenol	10.49	330	59218	11.33	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	328126	10.91	ng		-0.01
79) Terphenyl-d14	12.77	244	353216	11.92	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.19	77	327	Below Cal		#	1
25) Isophorone	7.22	82	146590	4.763	ng	#	65
31) Naphthalene	7.97	128	186212	4.285	ng		98
38) 1-Methylnaphthalene	8.76	142	97416	3.508	ng		97
51) 2,6-Dinitrotoluene	9.70	165	65415	9.048	ng	#	27
52) Acenaphthene	9.73	154	371258	13.186	ng		100
55) Dibenzofuran	9.90	168	296496	7.674	ng		99
56) 4-Nitrophenol	9.90	139	108961	17.736	ng	#	7
58) Fluorene	10.25	166	377832	12.228	ng		99
71) Phenanthrene	11.22	178	1341626	32.708	ng		99
72) Anthracene	11.26	178	291469	6.956	ng		97
73) Carbazole	11.42	167	88838	2.242	ng		99
75) Fluoranthene	12.40	202	776314	17.541	ng		97
78) Pyrene	12.62	202	692165	16.463	ng		98
81) Benzo(a)anthracene	13.81	228	165365	5.040	ng		98
83) Chrysene	13.85	228	133649	4.009	ng		98
88) Benzo(b)fluoranthene	14.83	252	102268	3.348	ng	#	93
89) Benzo(k)fluoranthene	14.83	252	102268	3.880	ng	#	94
90) Benzo(a)pyrene	15.17	252	54136	2.108	ng		98

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

Quantitation Report (Not Reviewed)

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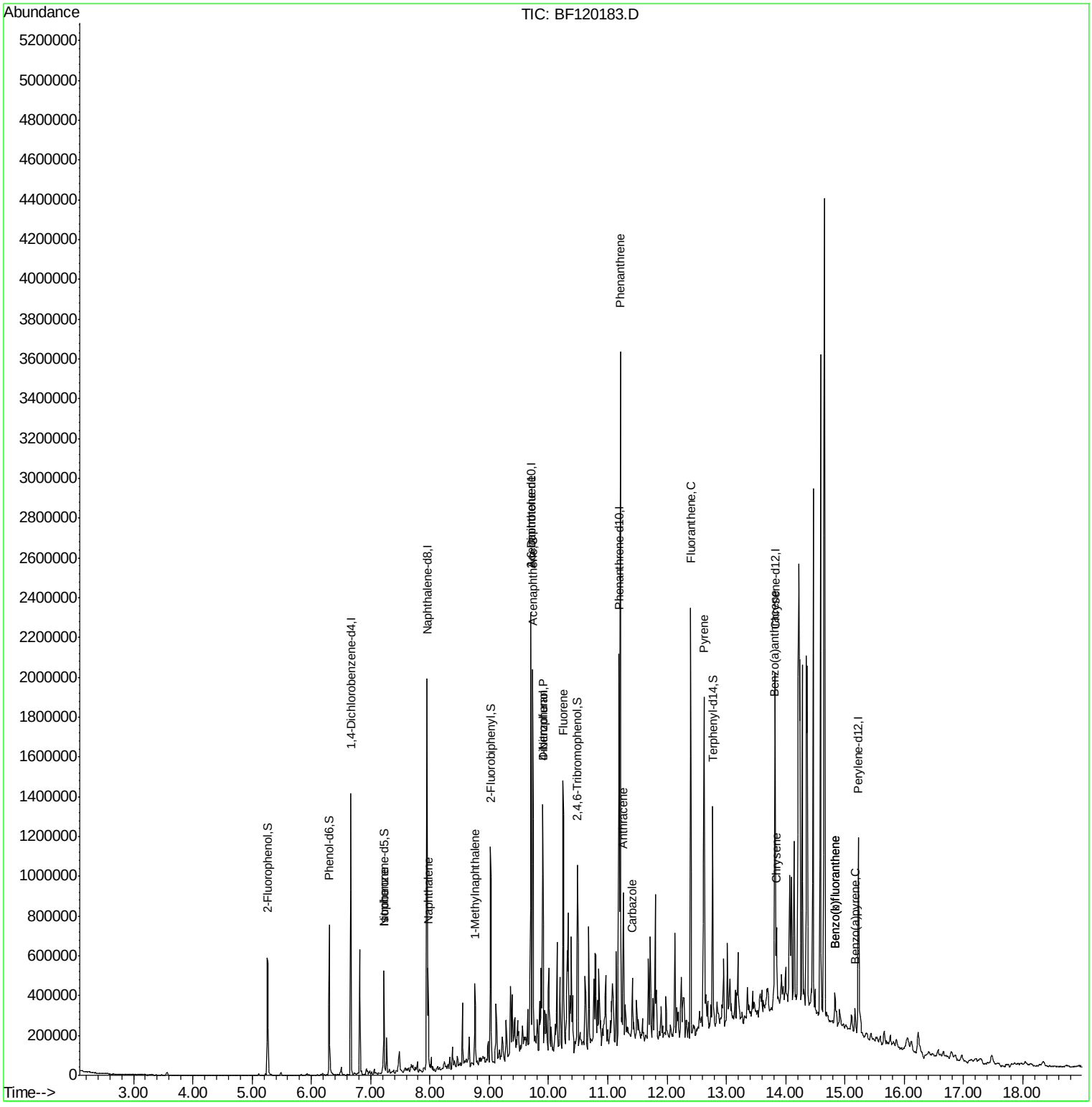
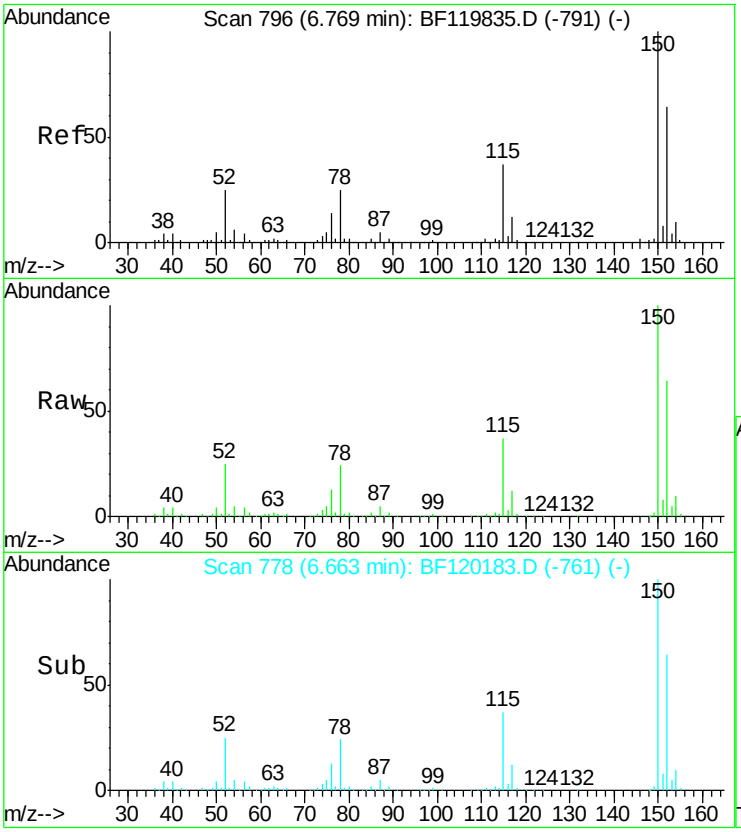


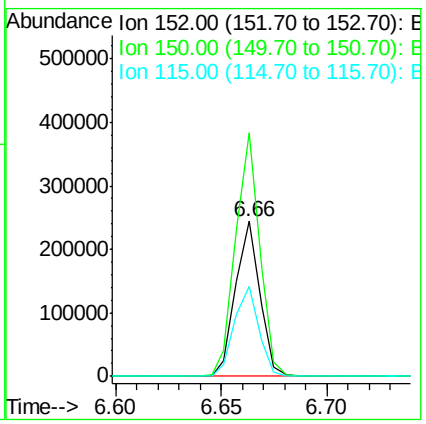


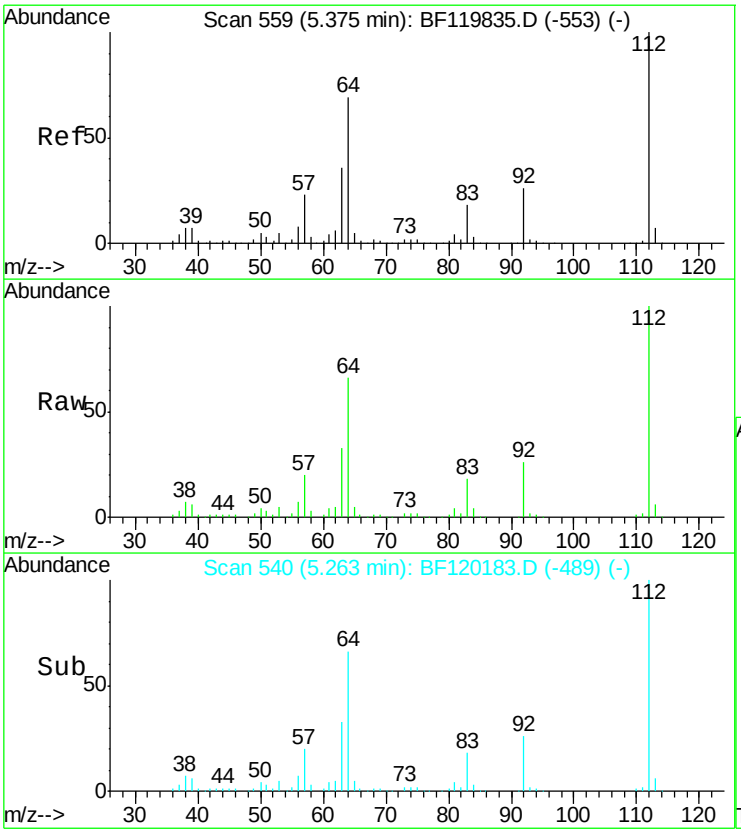
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Instrument :
BNA_F
ClientSampleId :
WB-10-1DL

Tgt Ion:152 Resp: 194186

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.5	186.7
115	58.4	49.6	74.4

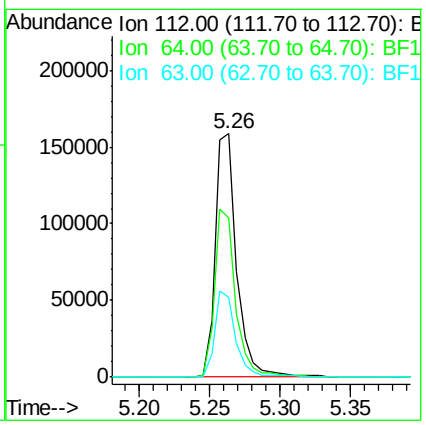


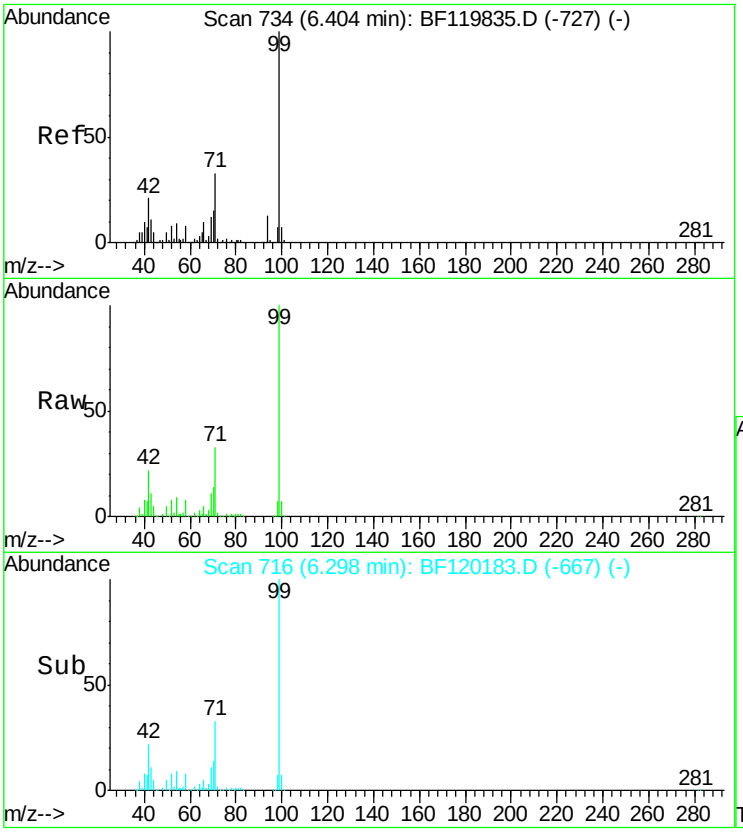


#5
2-Fluorophenol
Concen: 14.847 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Tgt Ion:112 Resp: 166827

Ion	Ratio	Lower	Upper
112	100		
64	65.5	56.7	85.1
63	32.6	29.5	44.3



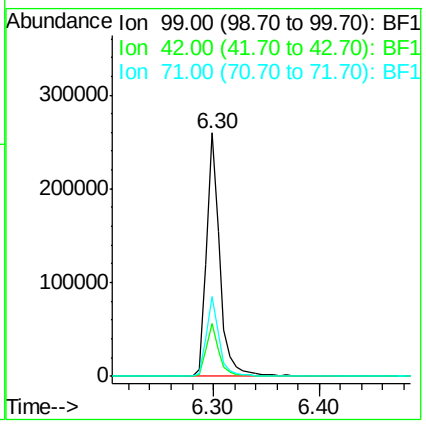


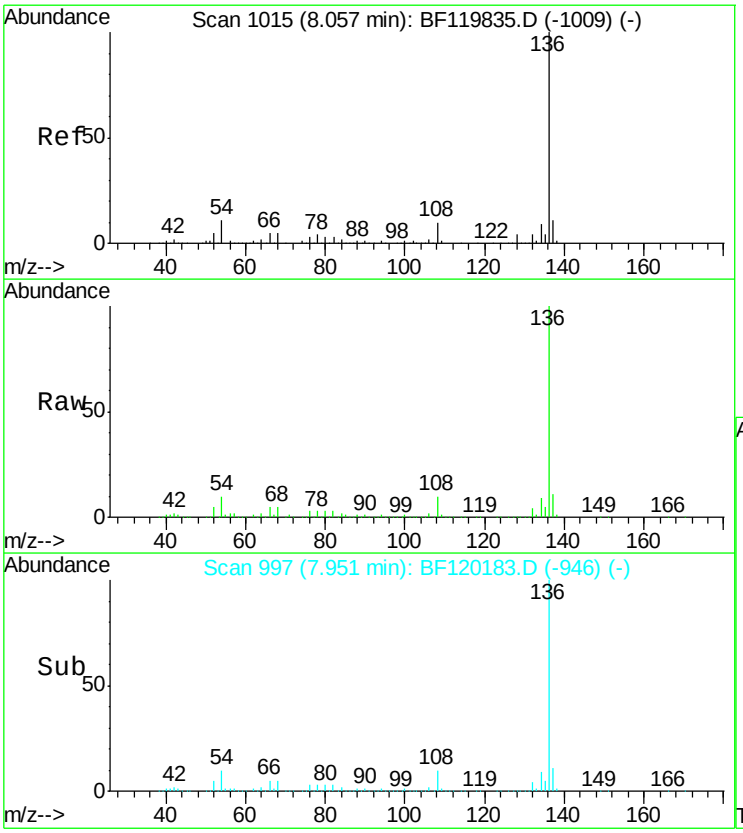
#7
Phenol-d6
Concen: 15.747 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Instrument :
BNA_F
ClientSampleId :
WB-10-1DL

Tgt Ion: 99 Resp: 227995

Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.6	24.8
71	32.6	26.4	39.6

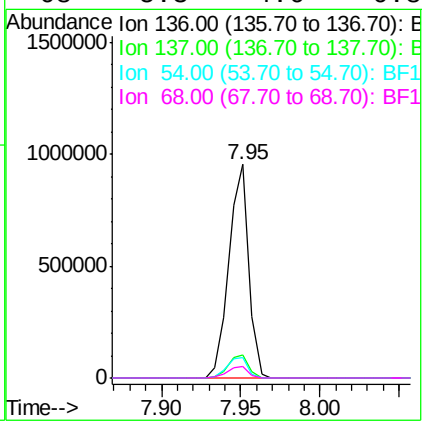


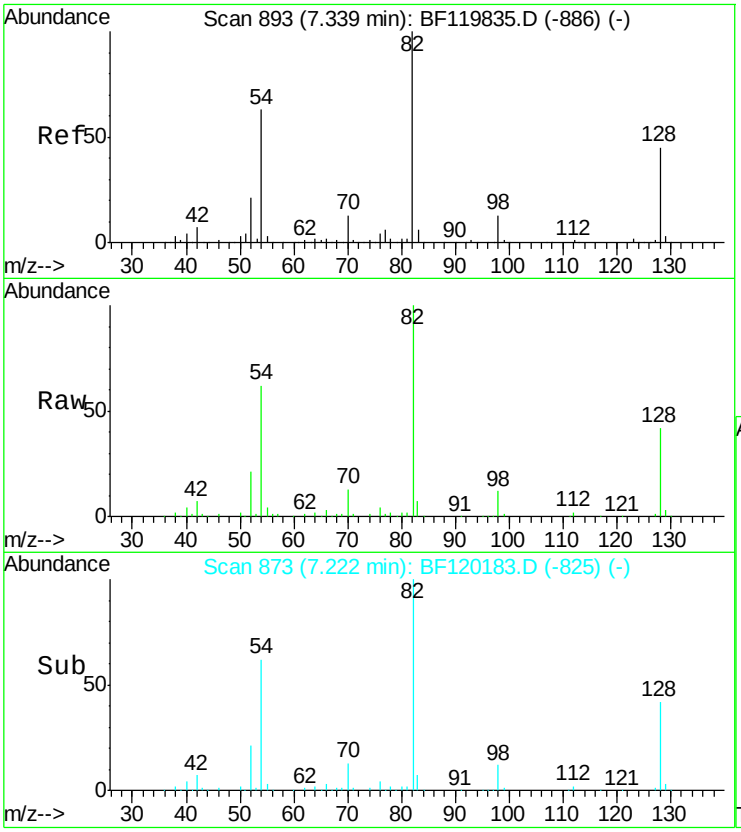


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Tgt Ion:136 Resp: 826031

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.6	9.1	13.7
68	5.3	4.6	6.8



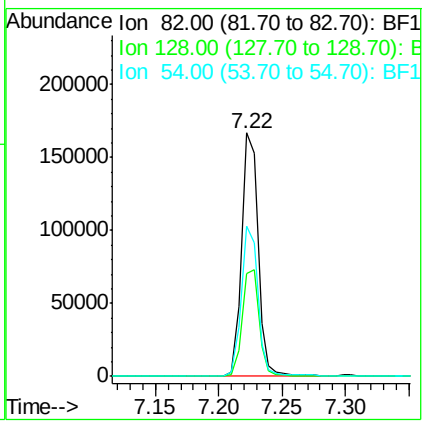


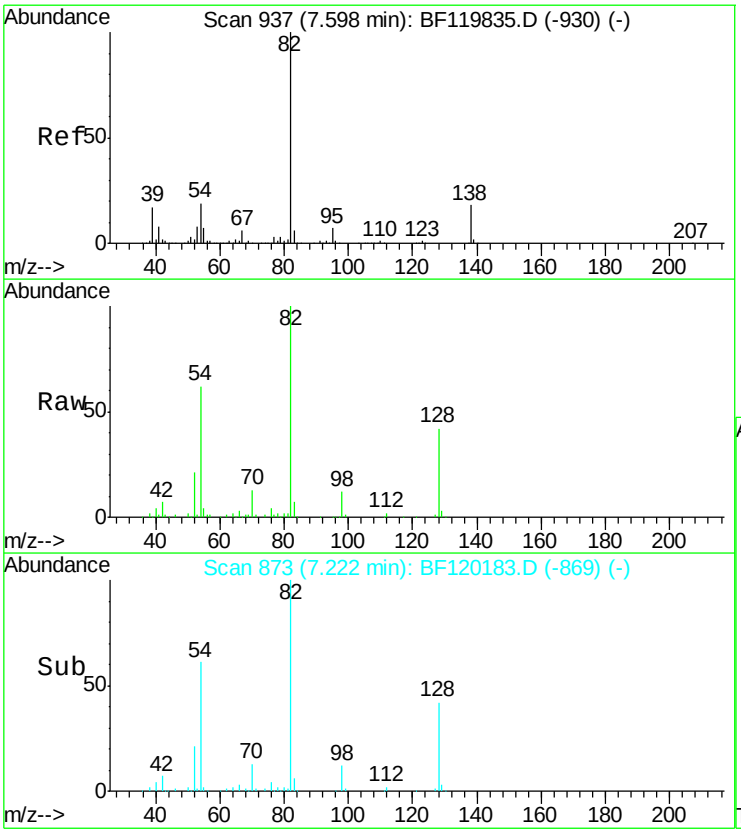
#23
Nitrobenzene-d5
Concen: 9.430 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Instrument :
BNA_F
ClientSampleId :
WB-10-1DL

Tgt Ion: 82 Resp: 150561

Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.3	54.5
54	61.7	50.6	75.8

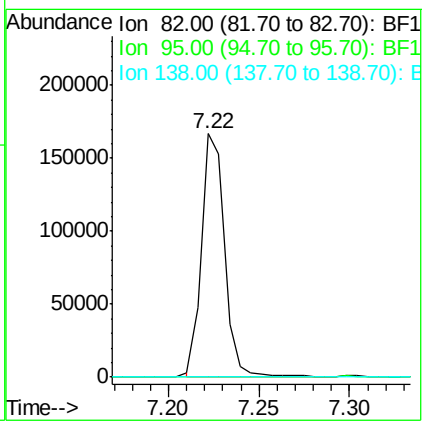


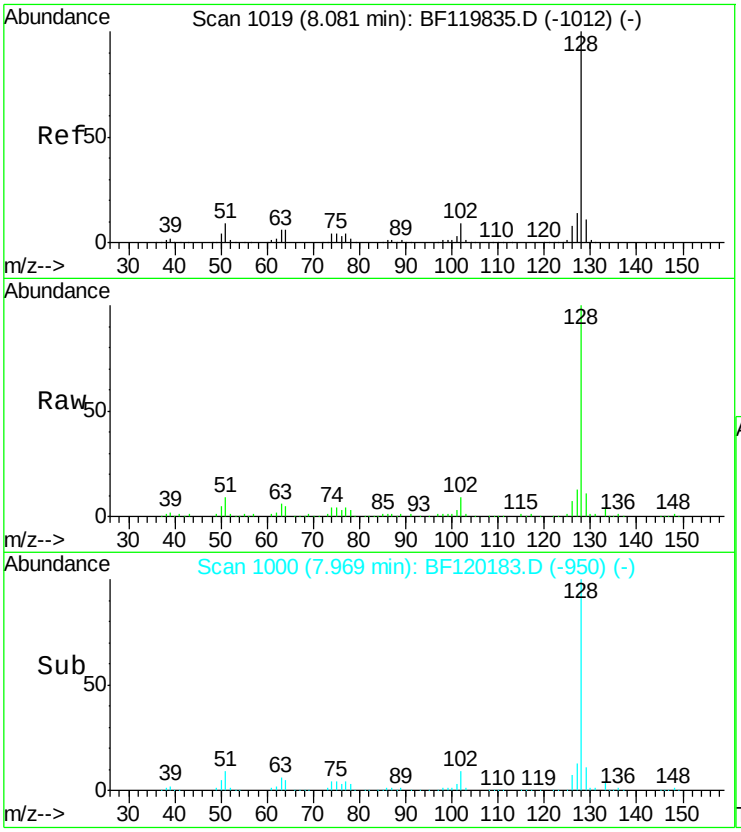


#25
Isophorone
Concen: 4.763 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.28 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Tgt Ion: 82 Resp: 146590

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.8	8.6#
138	0.0	14.6	21.8#



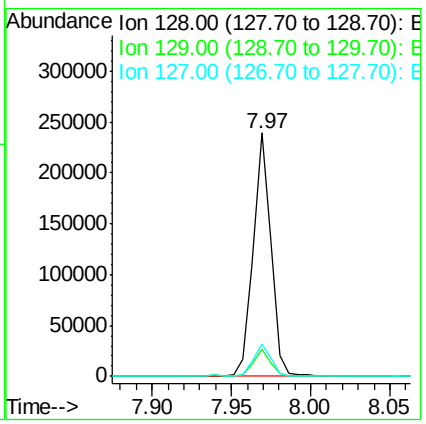


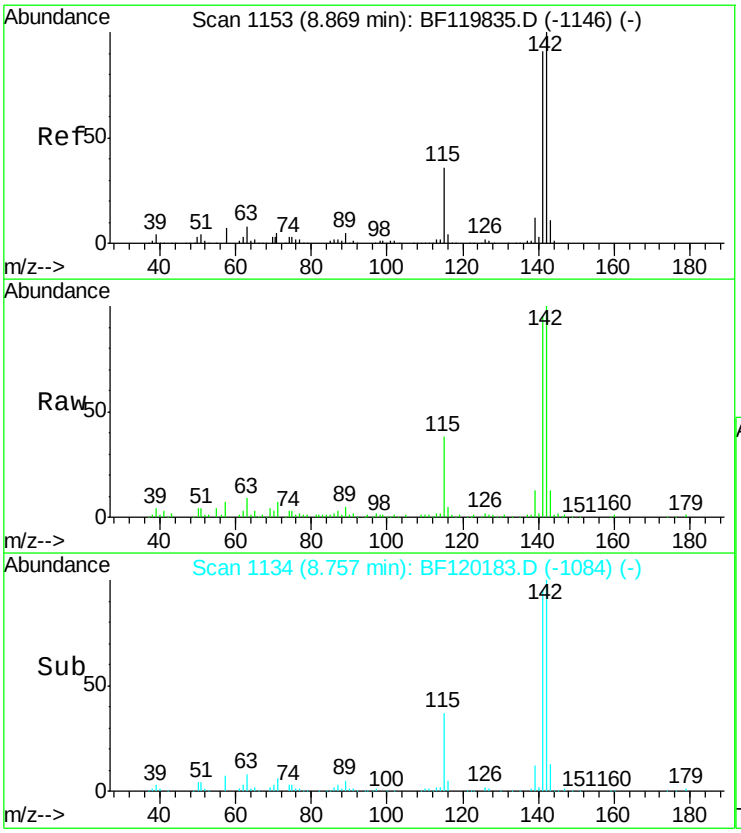
#31
Naphthalene
Concen: 4.285 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Instrument :
BNA_F
ClientSampleId :
WB-10-1DL

Tgt Ion:128 Resp: 186212

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	13.1	11.3	16.9

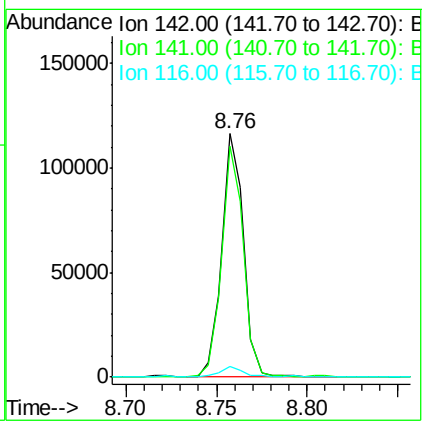


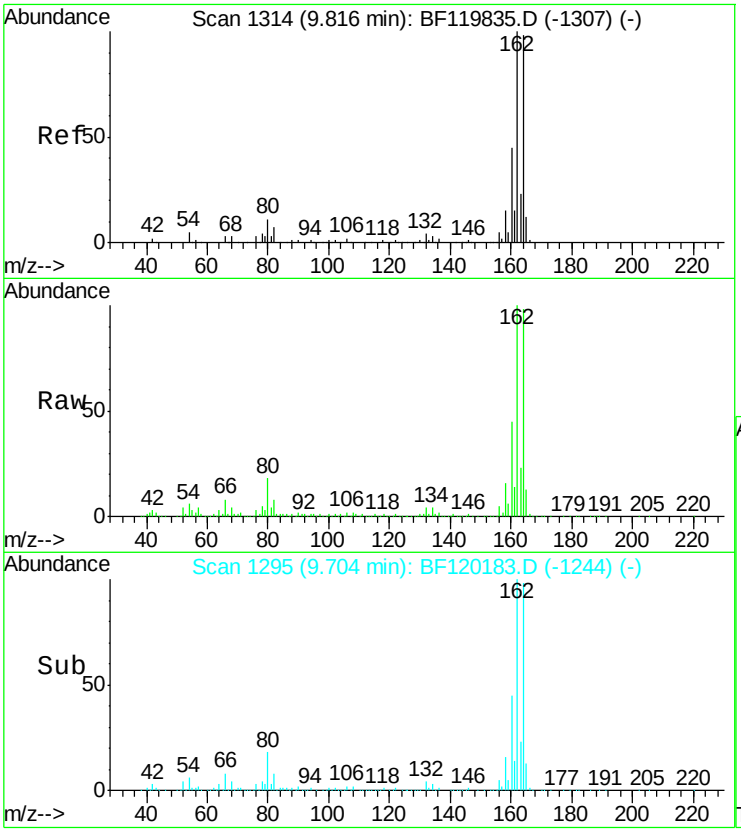


#38
1-Methylnaphthalene
Concen: 3.508 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Tgt Ion:142 Resp: 97416

Ion	Ratio	Lower	Upper
142	100		
141	94.8	73.7	110.5
116	4.5	3.0	4.6



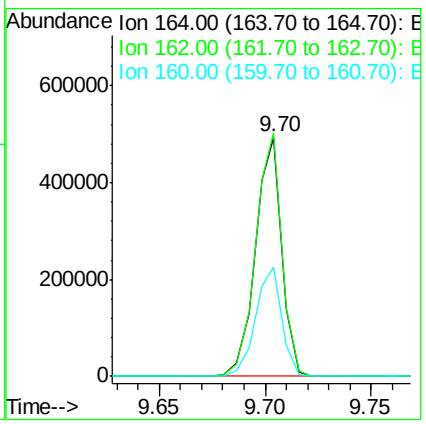


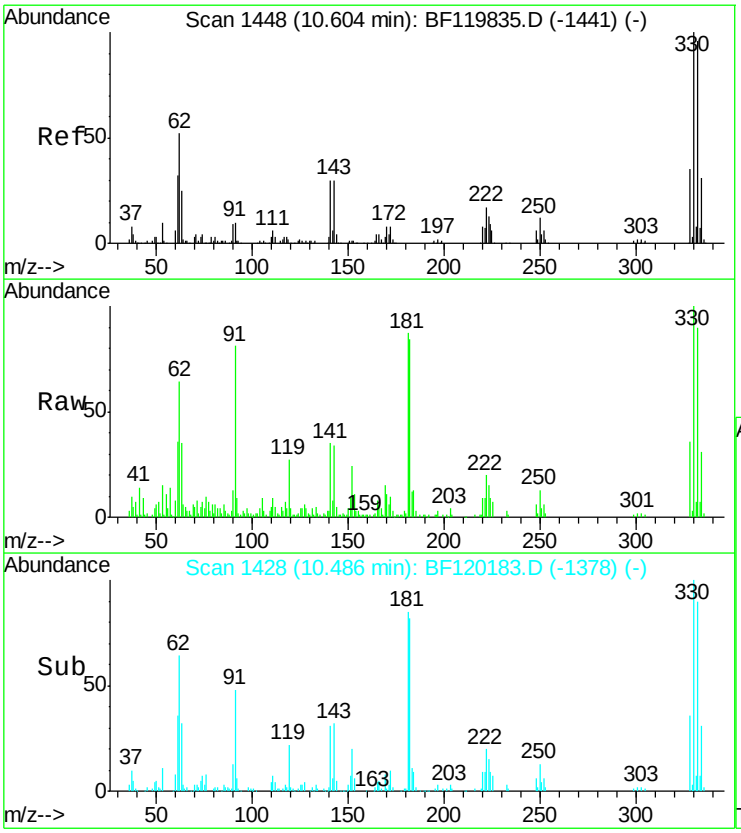
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Instrument :
BNA_F
ClientSampleId :
WB-10-1DL

Tgt Ion:164 Resp: 426824

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	121.0
160	45.7	35.7	53.5

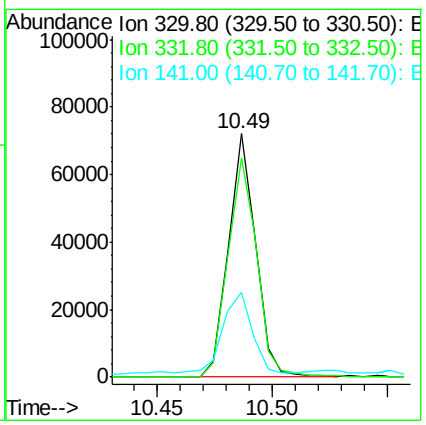


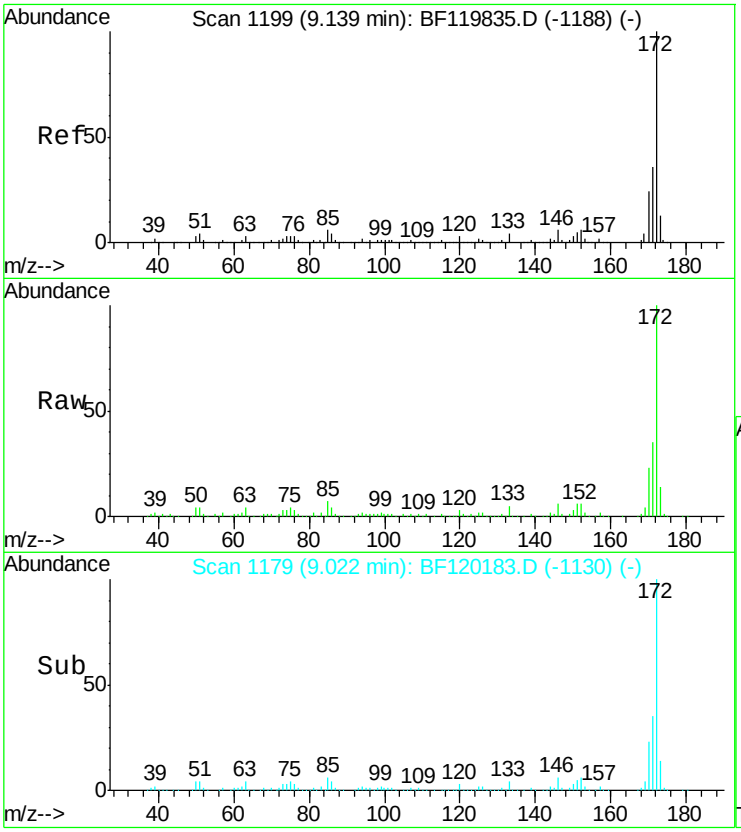


#42
2,4,6-Tribromophenol
Concen: 11.332 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Tgt Ion:330 Resp: 59218

Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.7	113.5
141	39.0	25.4	38.0#



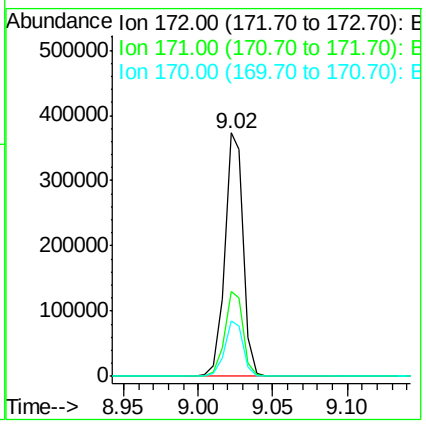


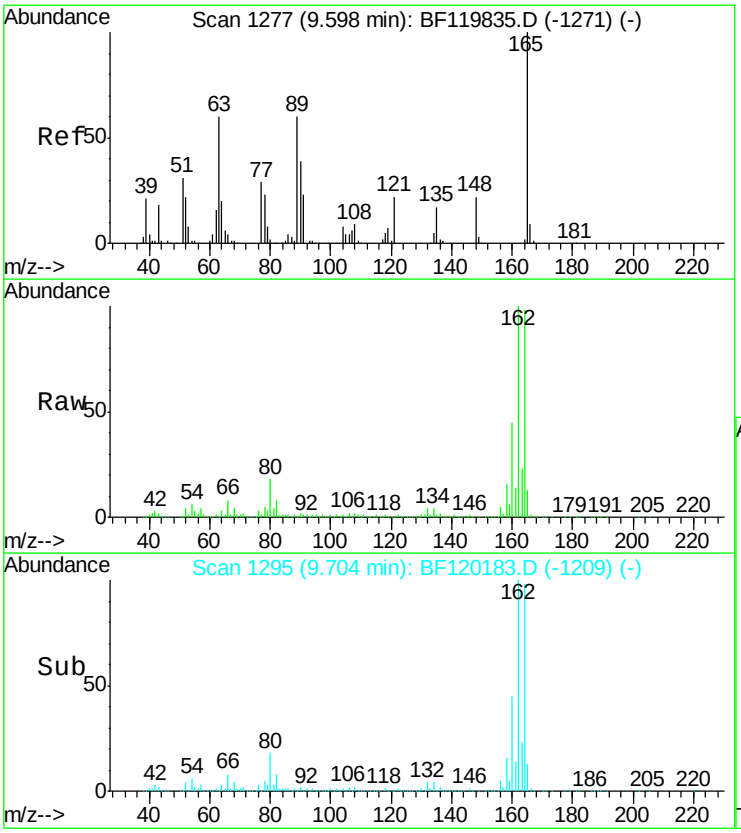
#45
2-Fluorobiphenyl
Concen: 10.915 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Instrument :
BNA_F
ClientSampleId :
WB-10-1DL

Tgt Ion:172 Resp: 328126

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	22.9	20.2	30.2

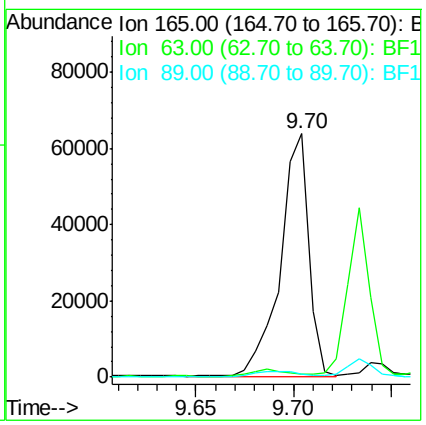


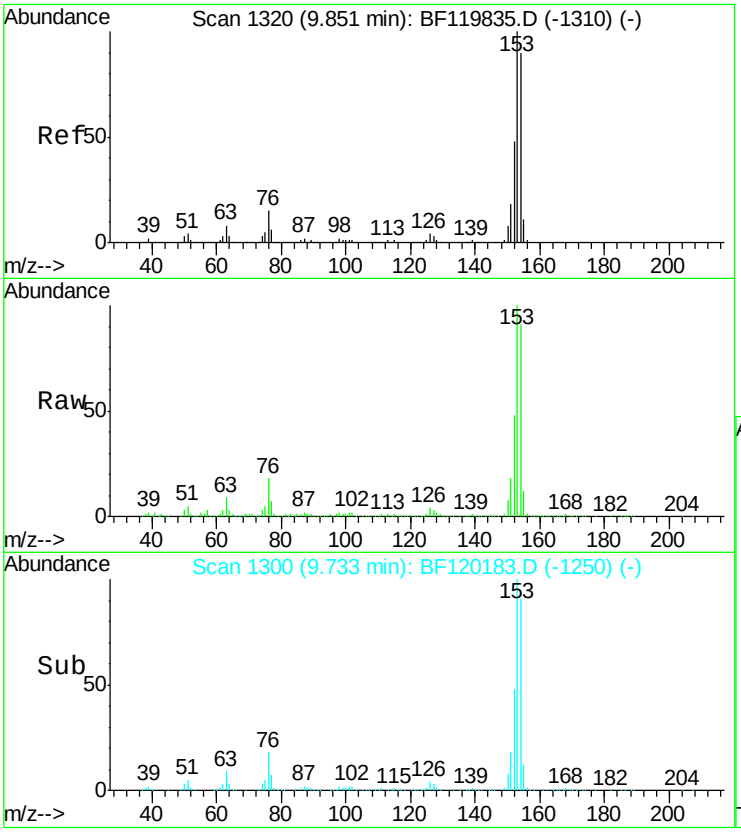


#51
2,6-Dinitrotoluene
Concen: 9.048 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.21 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Tgt Ion:165 Resp: 65415

Ion	Ratio	Lower	Upper
165	100		
63	1.5	45.0	67.4#
89	1.4	41.5	62.3#



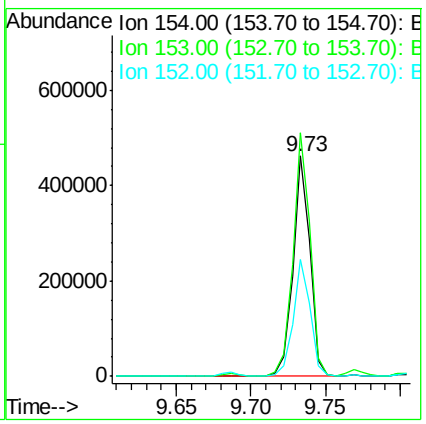


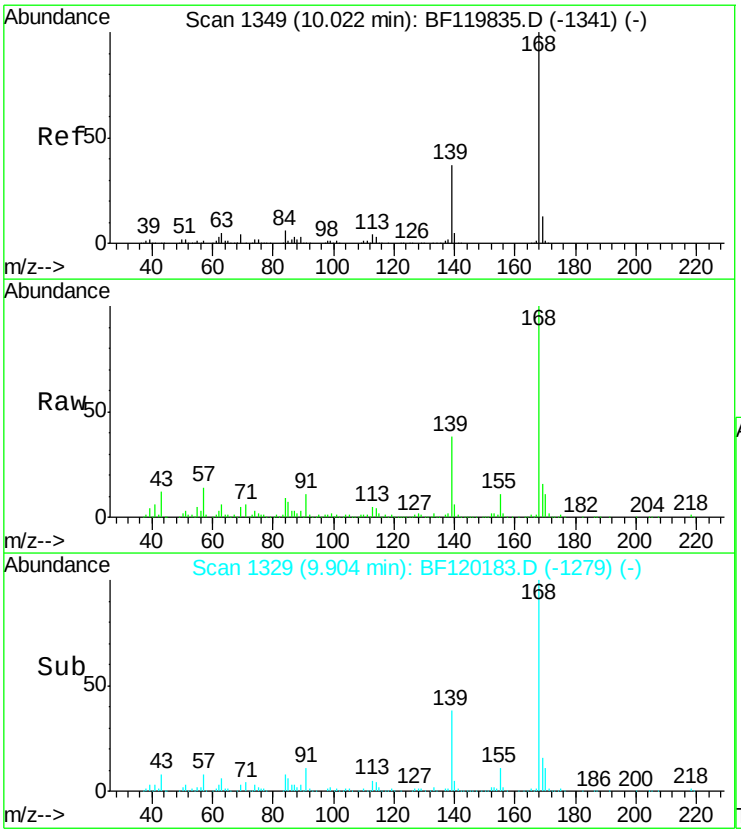
#52
Acenaphthene
Concen: 13.186 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Instrument :
BNA_F
ClientSampleId :
WB-10-1DL

Tgt Ion:154 Resp: 371258

Ion	Ratio	Lower	Upper
154	100		
153	110.4	88.1	132.1
152	53.1	43.0	64.4

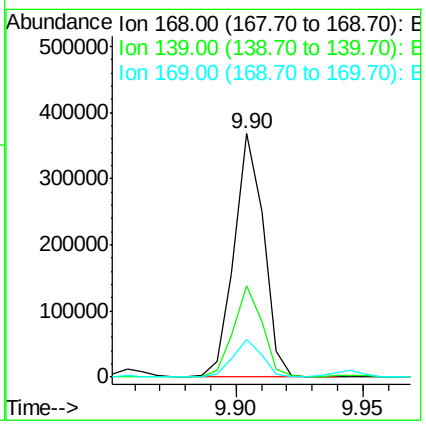


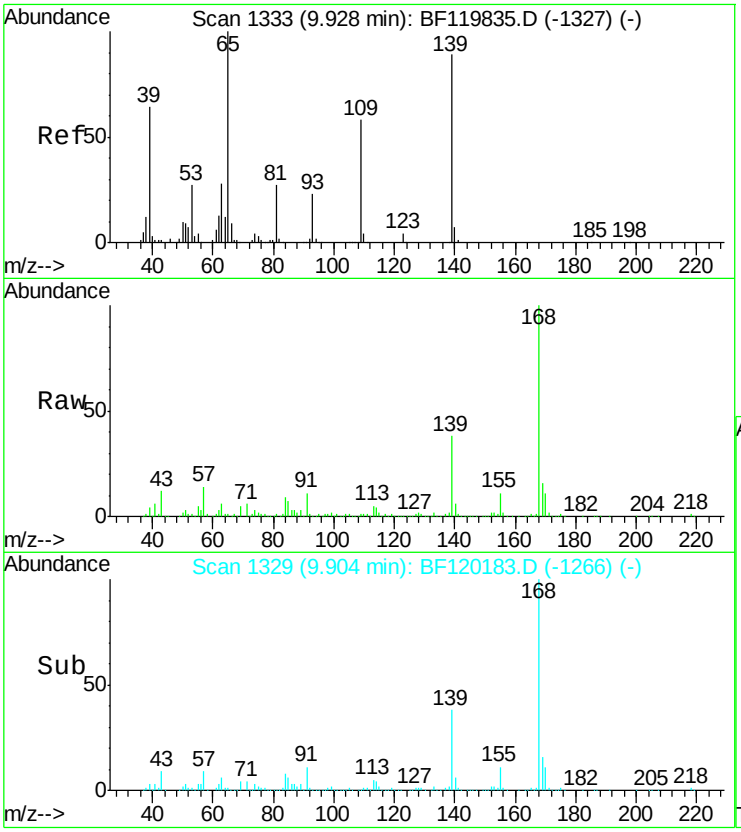


#55
Dibenzofuran
Concen: 7.674 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Tgt Ion:168 Resp: 296496

Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.1	45.1
169	15.6	11.0	16.6



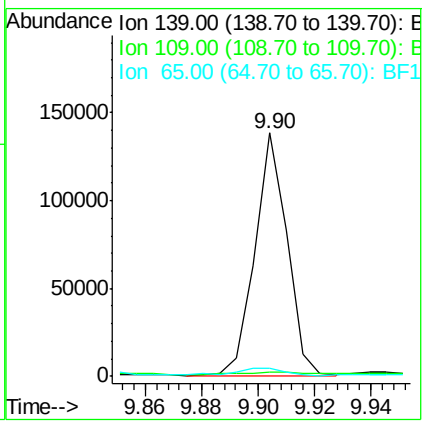


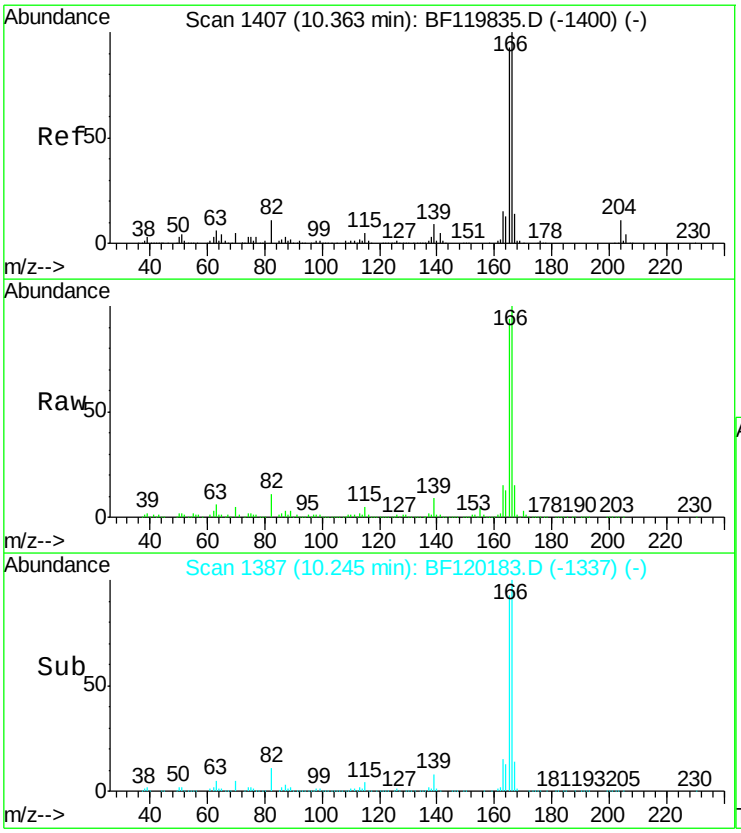
#56
4-Nitrophenol
Concen: 17.736 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.07 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Instrument :
BNA_F
ClientSampleId :
WB-10-1DL

Tgt Ion:139 Resp: 108961

Ion	Ratio	Lower	Upper
139	100		
109	1.6	43.3	83.3#
65	3.4	91.0	131.0#

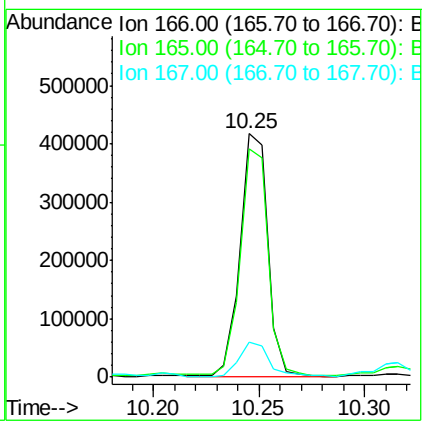


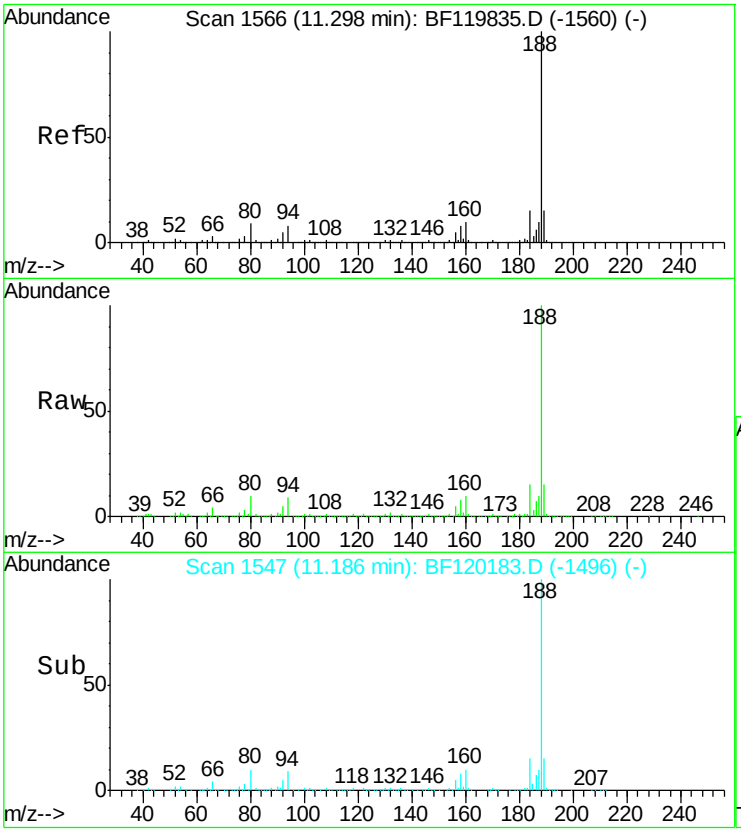


#58
Fluorene
Concen: 12.228 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Tgt Ion:166 Resp: 377832

Ion	Ratio	Lower	Upper
166	100		
165	93.5	75.4	113.2
167	14.6	11.2	16.8



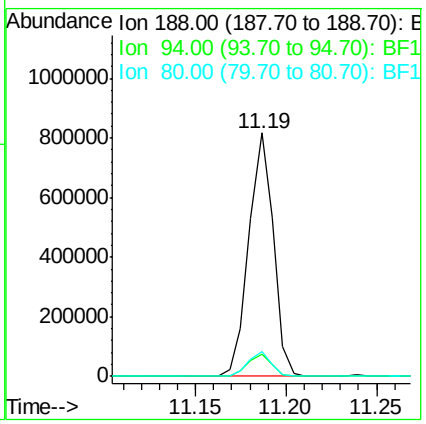


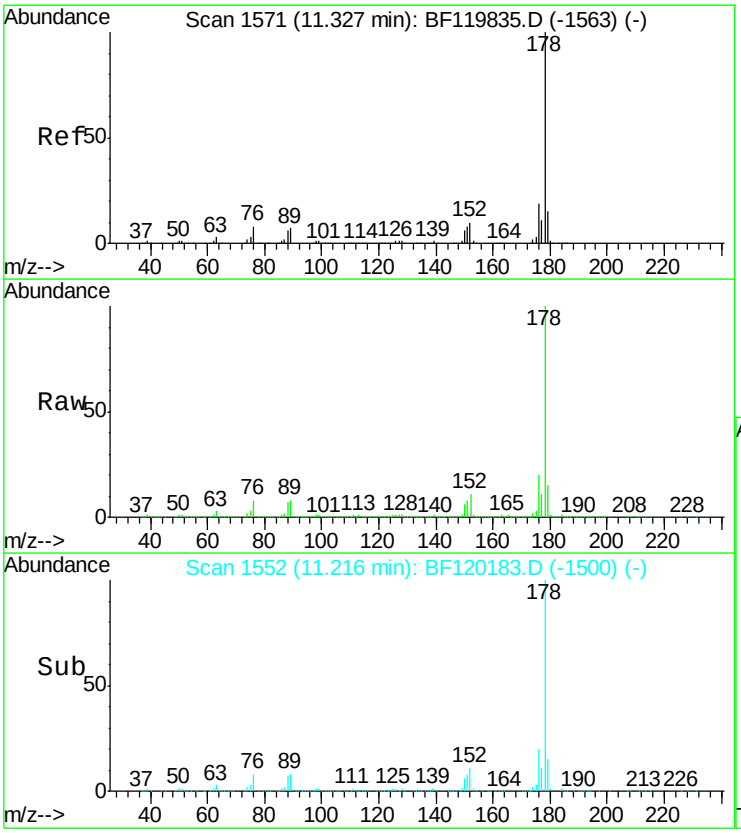
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Instrument :
BNA_F
ClientSampleId :
WB-10-1DL

Tgt Ion:188 Resp: 770705

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.5	11.3
80	10.2	9.0	13.4

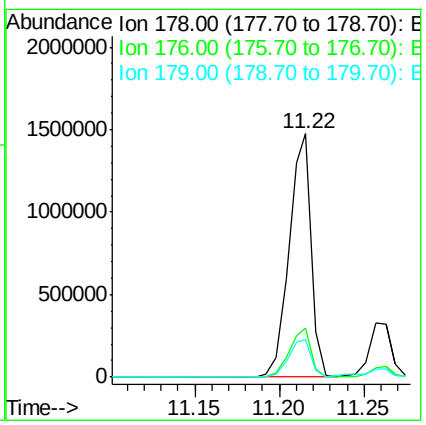


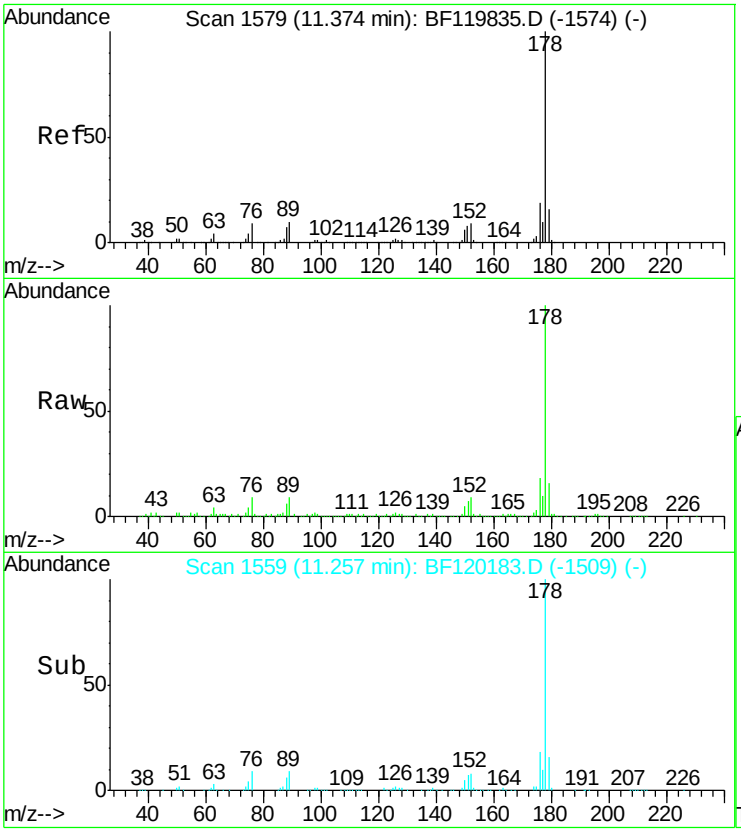


#71
Phenanthrene
Concen: 32.708 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Tgt Ion:178 Resp: 1341626

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.4	13.2	19.8



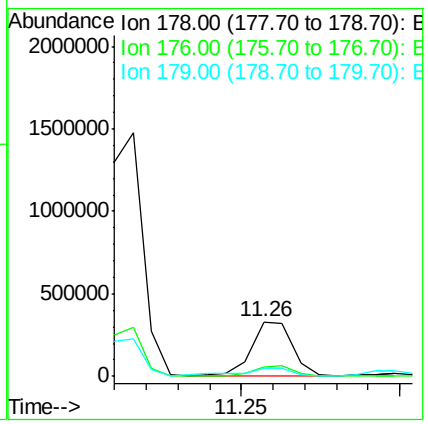


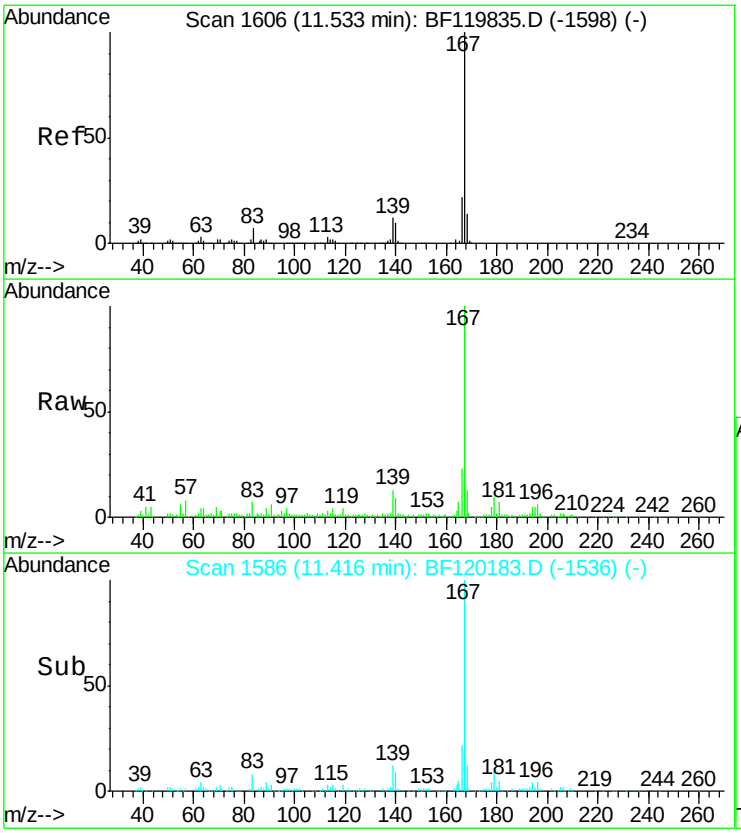
#72
Anthracene
Concen: 6.956 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Instrument :
BNA_F
ClientSampleId :
WB-10-1DL

Tgt Ion:178 Resp: 291469

Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.1	24.1
179	15.8	13.0	19.4

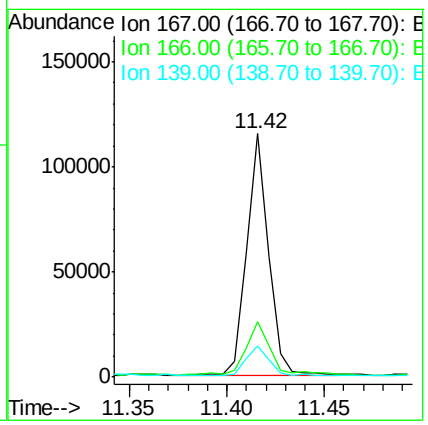


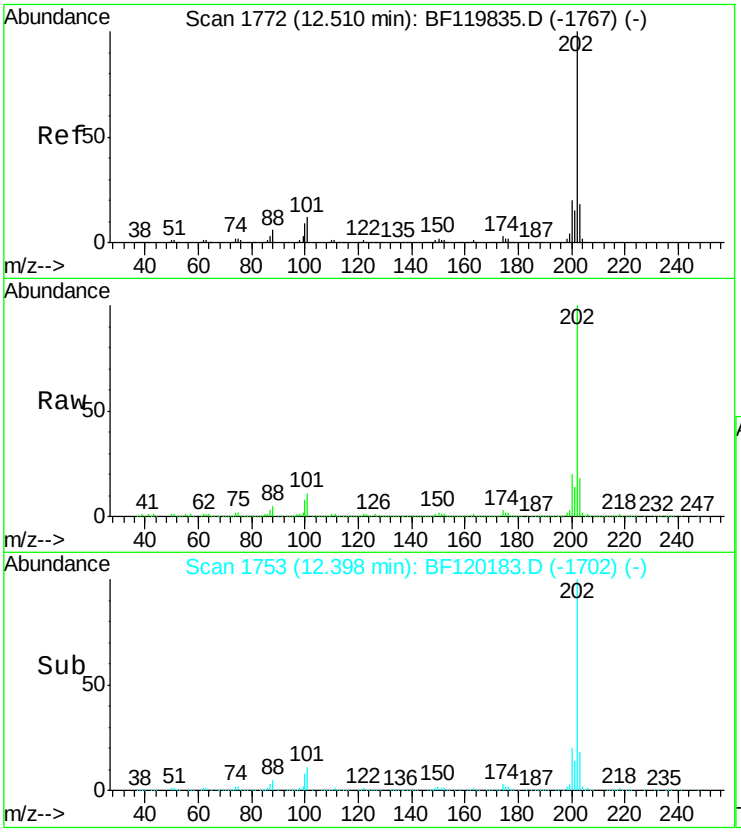


#73
Carbazole
Concen: 2.242 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Tgt Ion:167 Resp: 88838

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	12.7	10.7	16.1



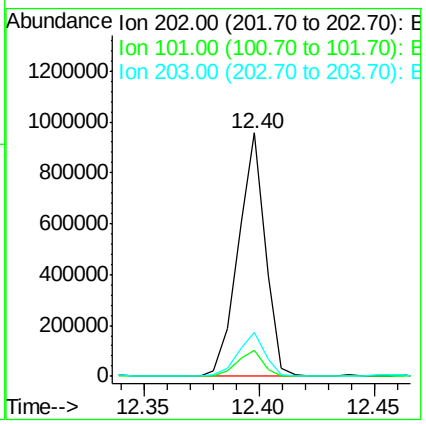


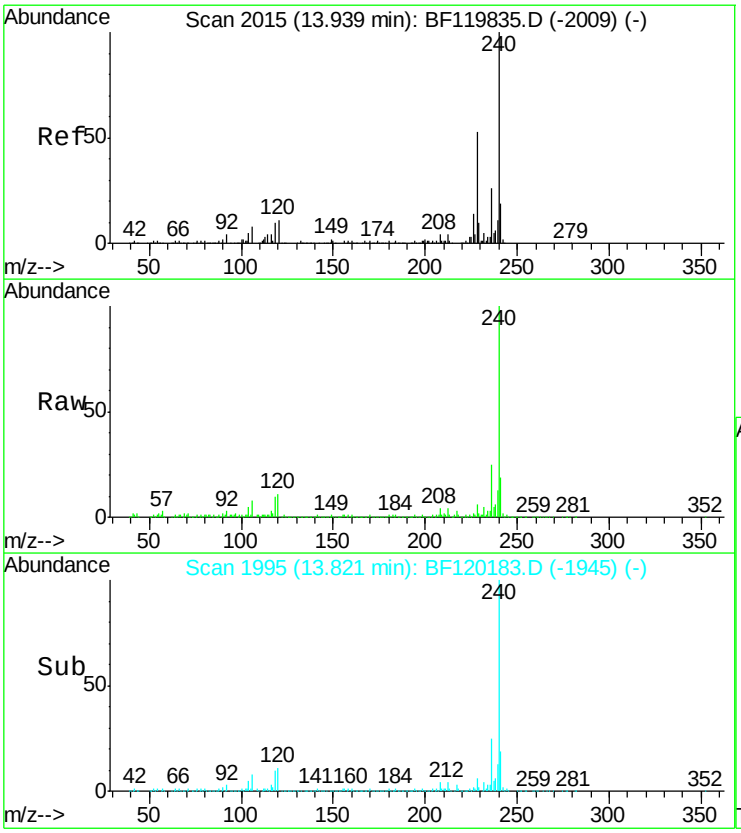
#75
Fluoranthene
Concen: 17.541 ng
RT: 12.40 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Instrument :
BNA_F
ClientSampleId :
WB-10-1DL

Tgt Ion:202 Resp: 776314

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	32.2
203	18.0	0.0	38.8

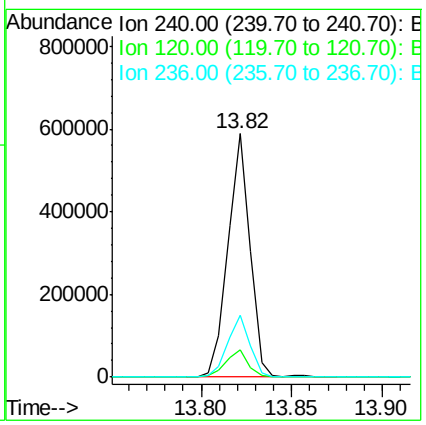


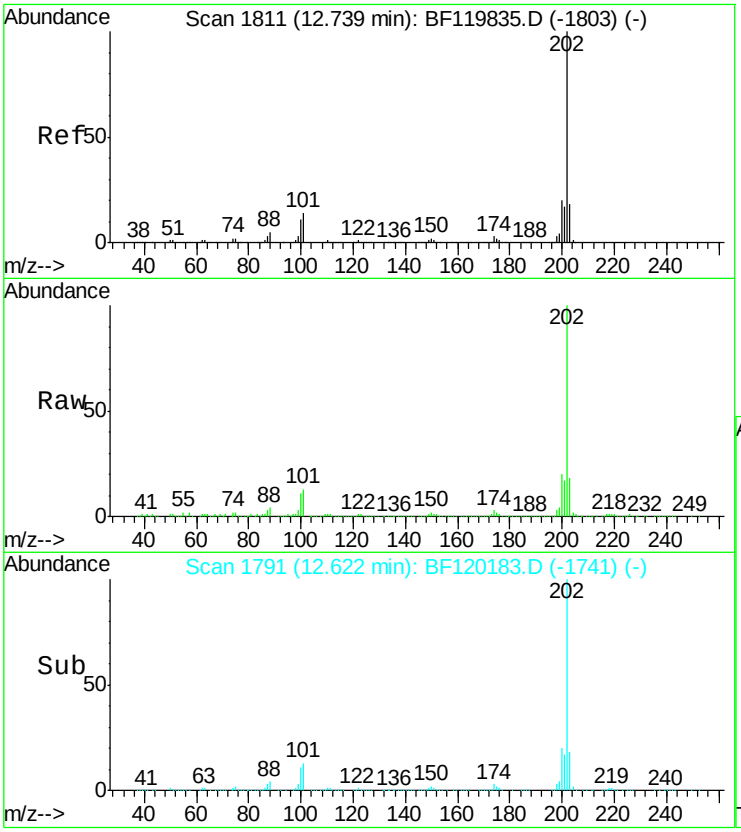


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Tgt Ion:240 Resp: 498713

Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.6	15.8
236	25.3	20.2	30.2



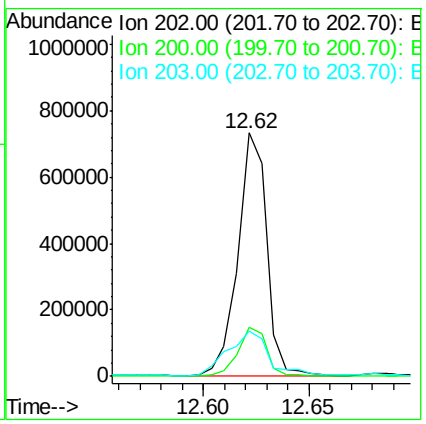


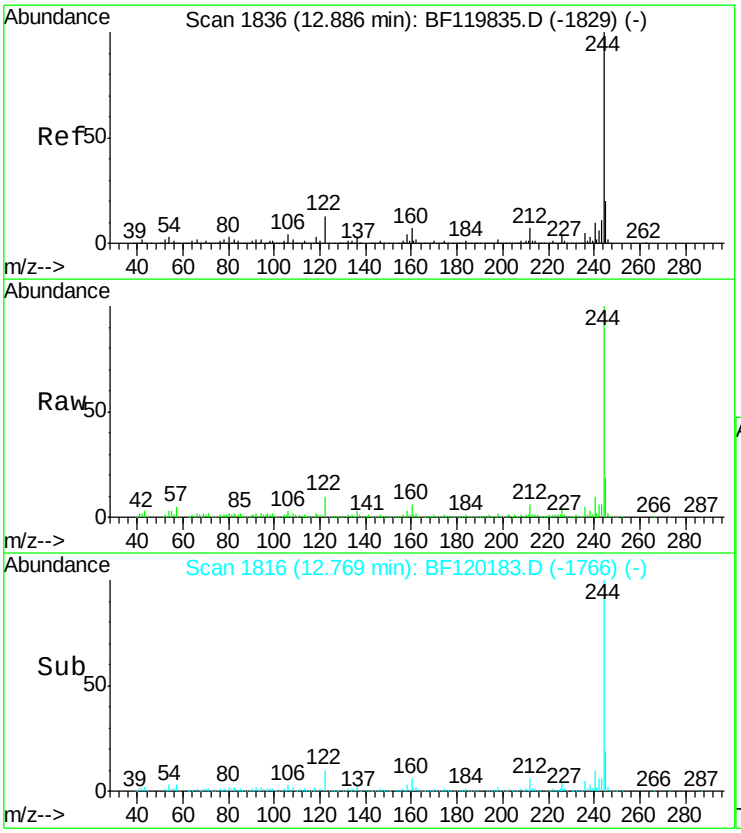
#78
Pyrene
Concen: 16.463 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Instrument :
BNA_F
ClientSampleId :
WB-10-1DL

Tgt Ion:202 Resp: 692165

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.8	25.2
203	18.3	15.1	22.7

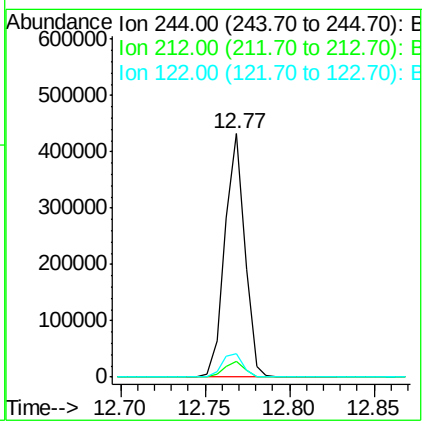


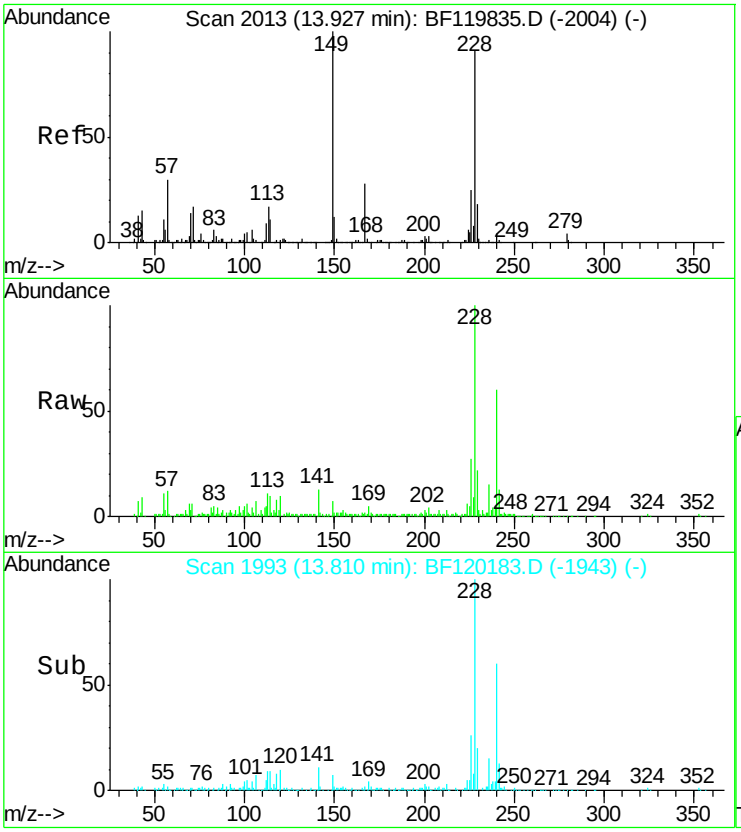


#79
Terphenyl-d14
Concen: 11.917 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Tgt Ion:244 Resp: 353216

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.8	8.8
122	9.7	10.3	15.5#



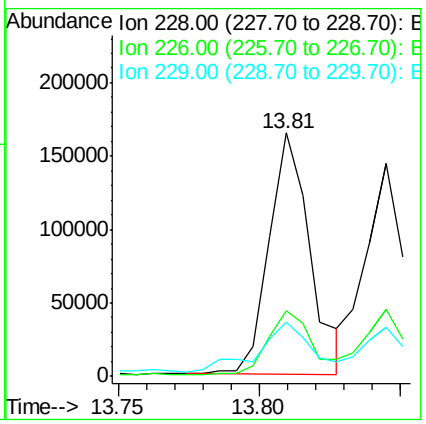


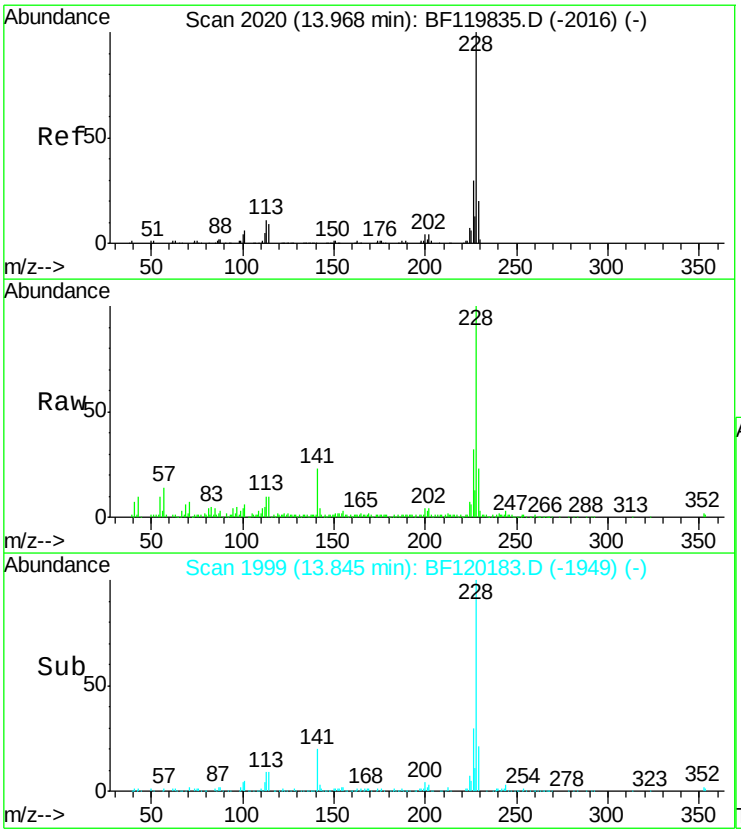
#81
Benzo(a)anthracene
Concen: 5.040 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Instrument :
BNA_F
ClientSampleId :
WB-10-1DL

Tgt Ion:228 Resp: 165365

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	22.2	16.2	24.4

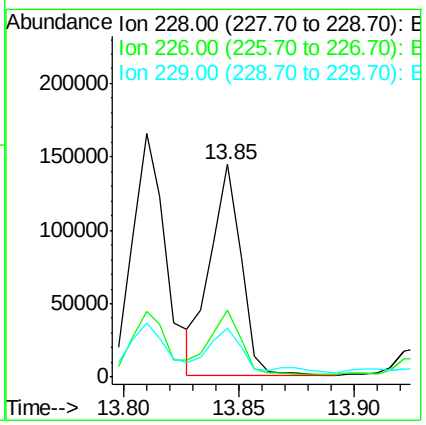


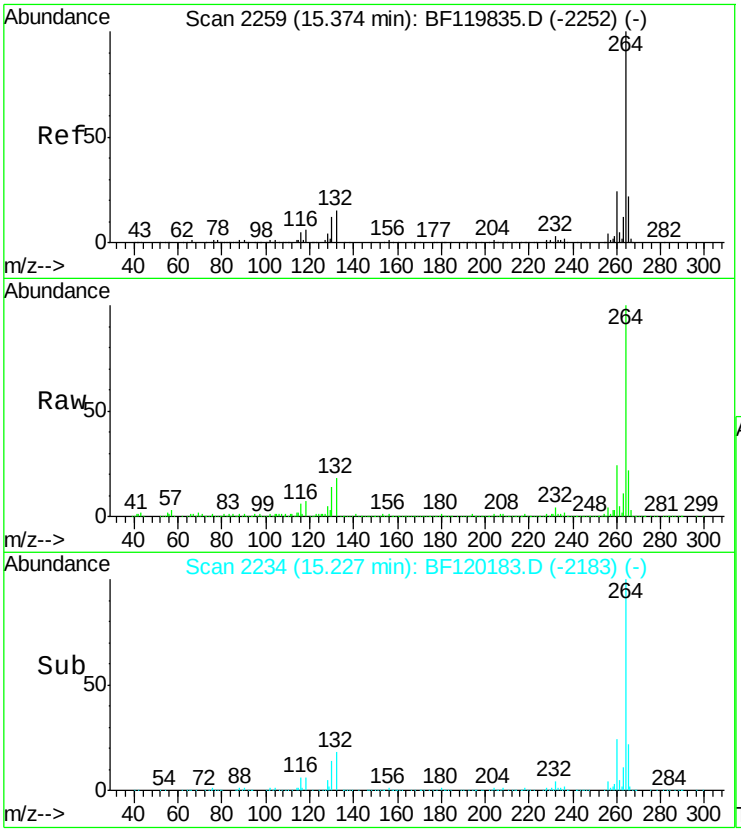


#83
Chrysene
Concen: 4.009 ng
RT: 13.85 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Tgt Ion:228 Resp: 133649

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.4	38.0
229	23.2	16.6	24.8



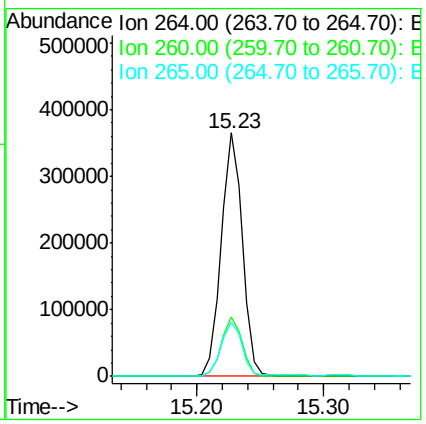


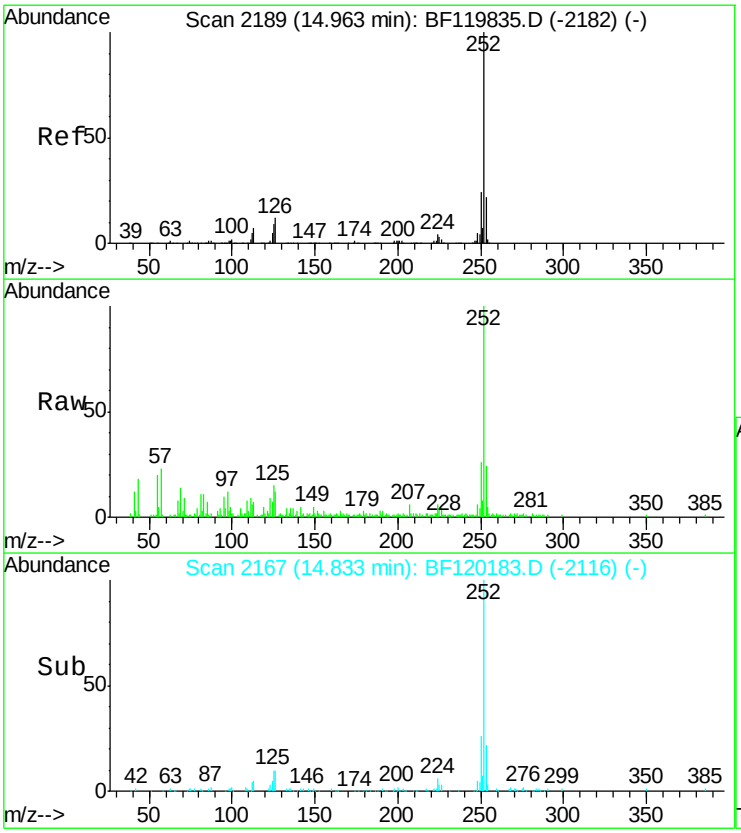
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Instrument :
BNA_F
ClientSampleId :
WB-10-1DL

Tgt Ion:264 Resp: 424669

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.4	17.7	26.5

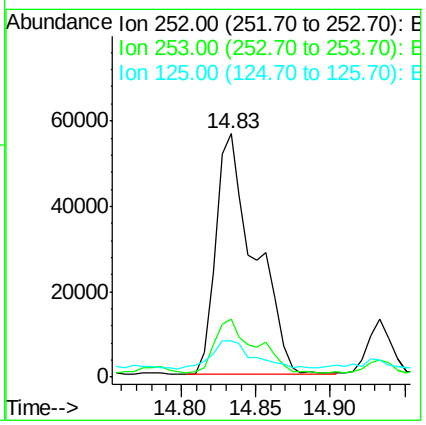


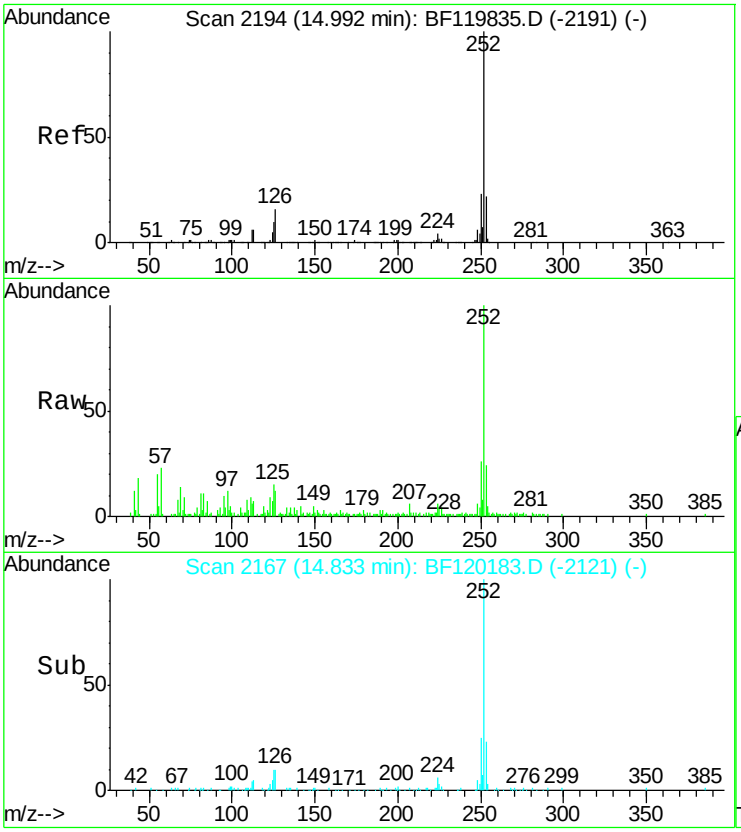


#88
Benzo(b)fluoranthene
Concen: 3.348 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Tgt Ion:252 Resp: 102268

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	14.8	7.9	11.9#



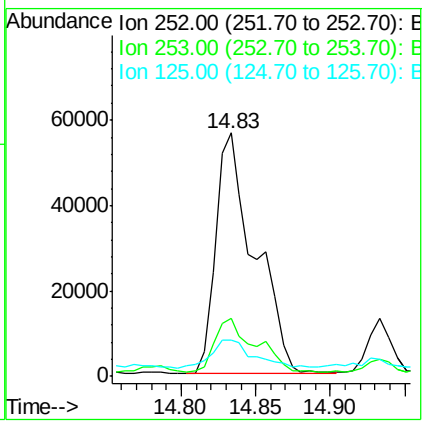


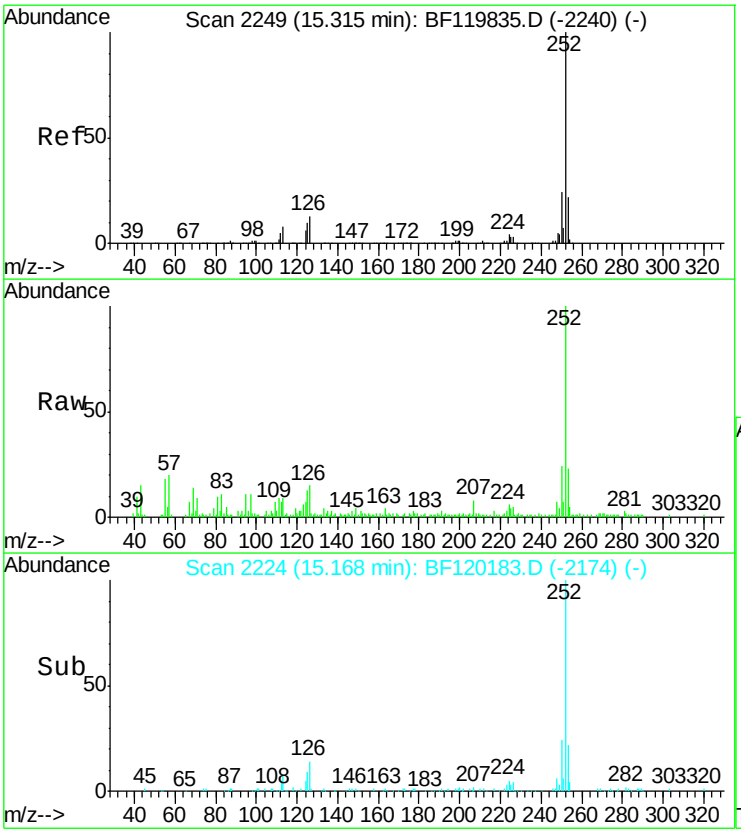
#89
Benzo(k)fluoranthene
Concen: 3.880 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Instrument :
BNA_F
ClientSampleId :
WB-10-1DL

Tgt Ion:252 Resp: 102268

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	14.8	8.4	12.6#





#90
Benzo(a)pyrene
Concen: 2.108 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF120183.D
Acq: 24 Apr 2020 2:24

Tgt Ion:252 Resp: 54136

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	13.3	9.4	14.2