Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119323.D
Acq On : 10 Mar 2020 18:21
Operator : CG/JU
Sample : L1849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 11 01:40:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	119241	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	448017	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	221732	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	319631	20.00	ng		0.00
76) Chrysene-d12	13.89	240	238635	20.00	ng		0.00
87) Perylene-d12	15.32	264	221898	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	718181	100.65	ng		0.01
7) Phenol-d6	6.39	99	870396	100.30	ng		0.00
23) Nitrobenzene-d5	7.29	82	565680	66.67	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	223532	77.06	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1022150	67.91	ng		0.00
79) Terphenyl-d14	12.83	244	863479	62.30	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	79977	15.817	ng	#	75
25) Isophorone	7.29	82	565680	38.387	ng	#	63
31) Naphthalene	8.03	128	151776	6.532	ng		97
32) Benzoic acid	7.85	122	384	6.755	ng	#	23
37) 2-Methylnaphthalene	8.72	142	44761	2.863	ng		99
38) 1-Methylnaphthalene	8.82	142	38299	2.604	ng	#	99
49) Acenaphthylene	9.62	152	47772	2.290	ng		99
50) Dimethylphthalate	9.47	163	196682	11.600	ng		99
52) Acenaphthene	9.79	154	84250	6.699	ng		98
55) Dibenzofuran	9.96	168	89324	4.758	ng		96
56) 4-Nitrophenol	9.96	139	35661	14.213	ng	#	13
58) Fluorene	10.30	166	141931	9.730	ng		97
67) 4-Bromophenyl-phenylether	10.55	248	14531	3.478	ng	#	1
71) Phenanthrene	11.27	178	880584	50.518	ng		97
72) Anthracene	11.32	178	265087	15.220	ng		99
73) Carbazole	11.49	167	96066	6.191	ng		99
75) Fluoranthene	12.46	202	867329	46.876	ng		99
78) Pyrene	12.69	202	715157	37.321	ng		98
81) Benzo(a)anthracene	13.88	228	412943	25.397	ng		98
83) Chrysene	13.92	228	329599	20.344	ng		96
86) Indeno(1,2,3-cd)pyrene	16.74	276	127340	8.117	ng		94
88) Benzo(b)fluoranthene	14.92	252	494098	33.781	ng		98
89) Benzo(k)fluoranthene	14.92	252	494098	36.453	ng		98
90) Benzo(a)pyrene	15.26	252	254590	19.286	ng		99
91) Dibenzo(a,h)anthracene	16.73	278	30487	2.625	ng	#	89
92) Benzo(g,h,i)perylene	17.17	276	108085	9.418	ng		95

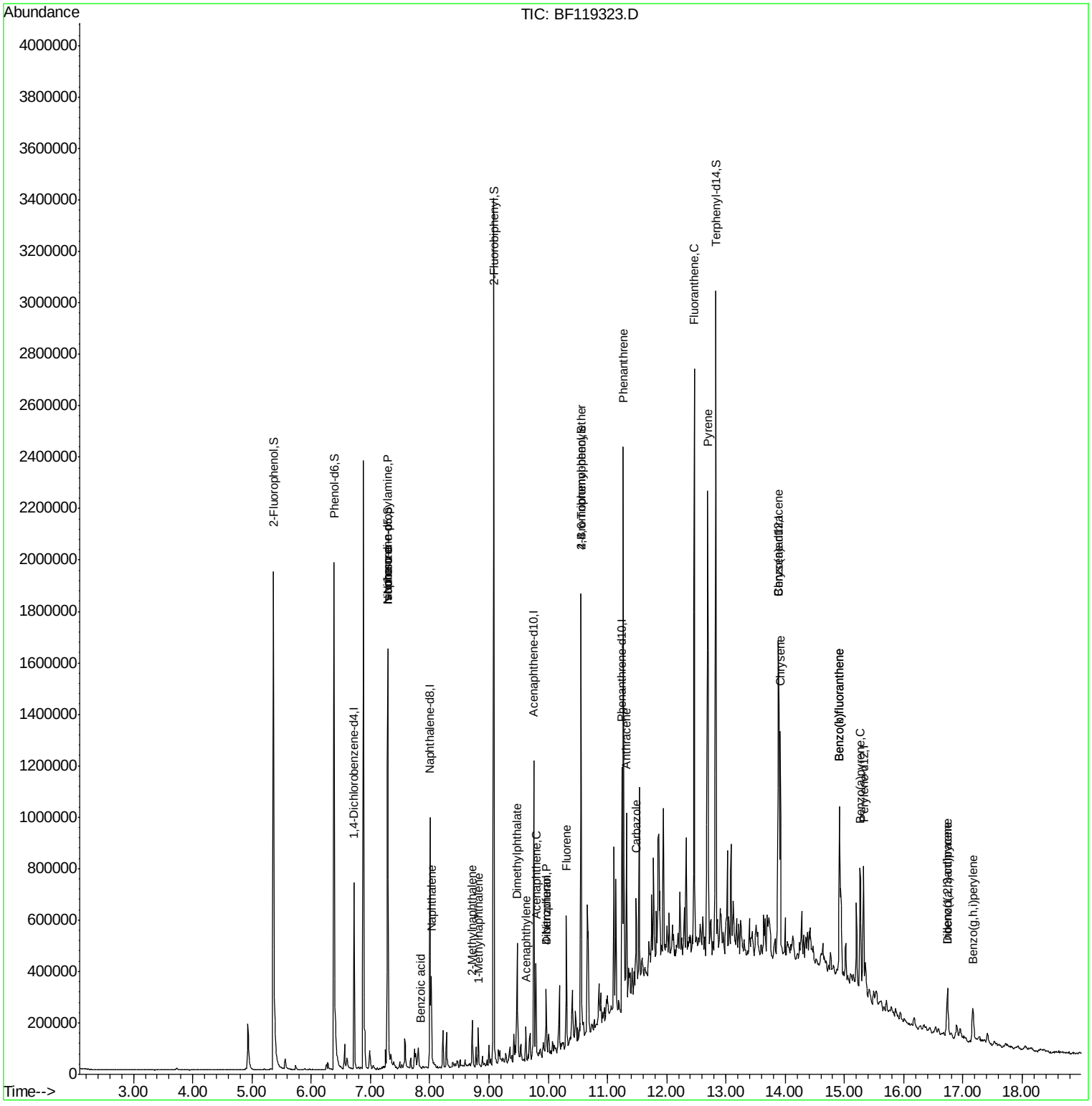
(#) = qualifier out of range (m) = manual integration (+) = signals summed

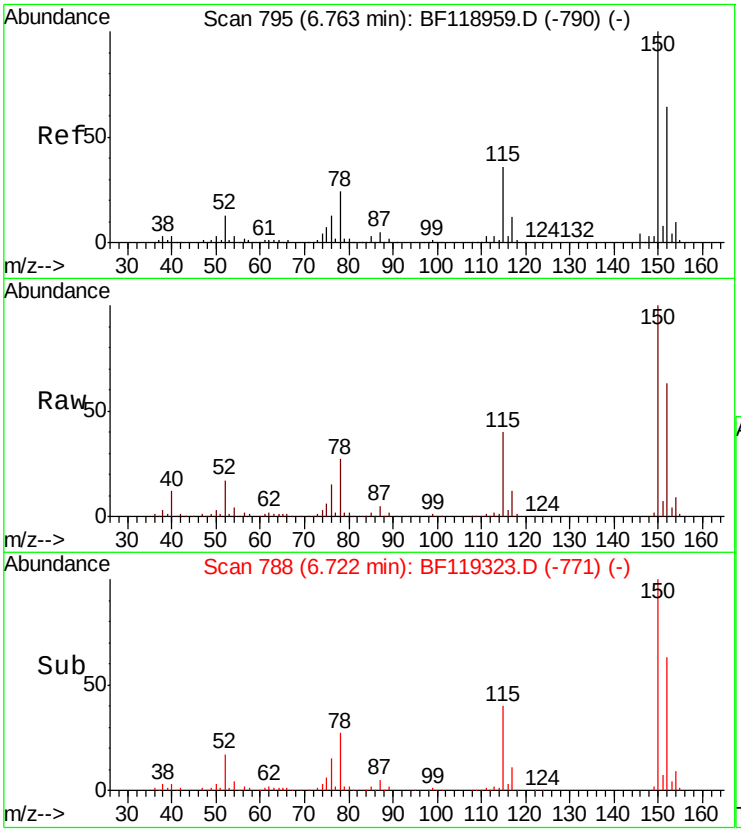
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119323.D
Acq On : 10 Mar 2020 18:21
Operator : CG/JU
Sample : L1849-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 11 01:40:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration



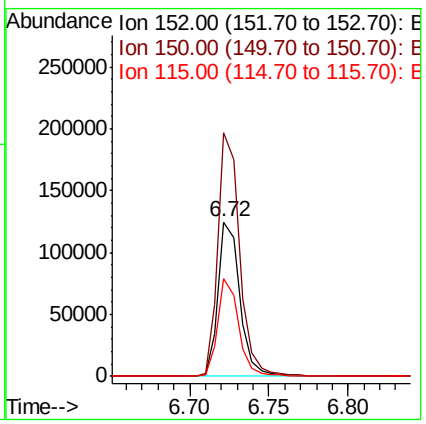


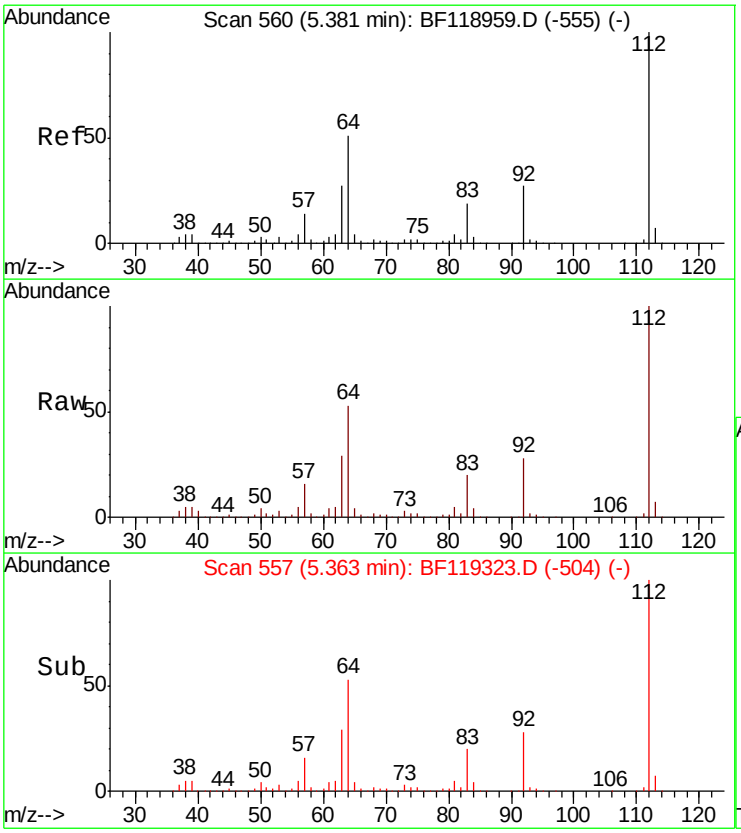
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 119241

Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.0	184.6
115	63.4	49.5	74.3

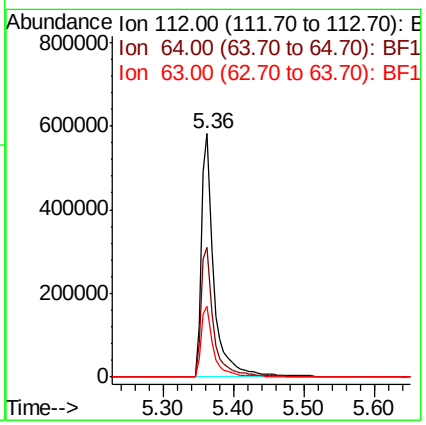


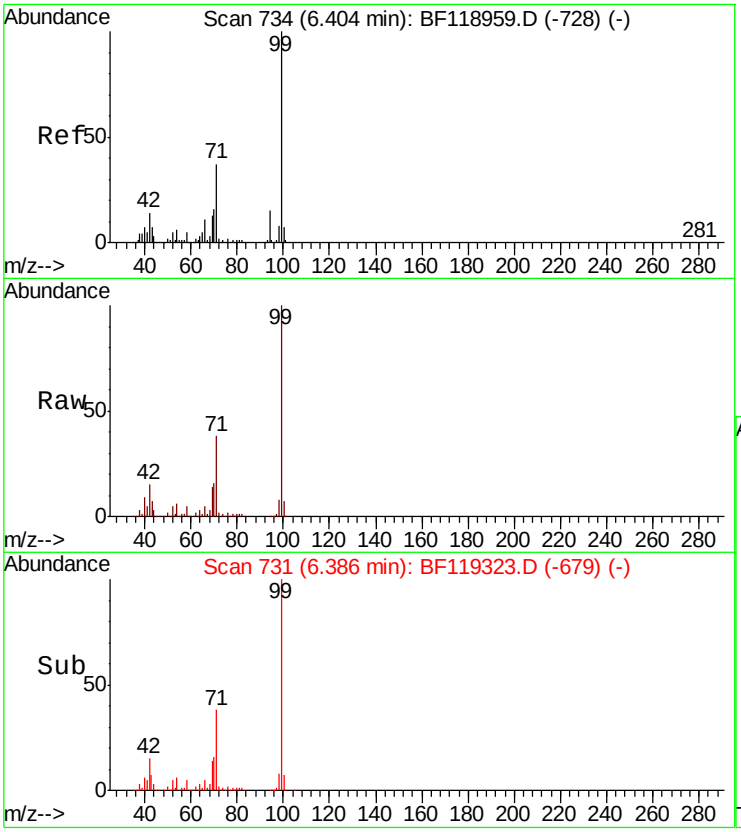


#5
2-Fluorophenol
Concen: 100.654 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Tgt Ion:112 Resp: 718181

Ion	Ratio	Lower	Upper
112	100		
64	53.2	45.0	67.4
63	29.0	24.2	36.4



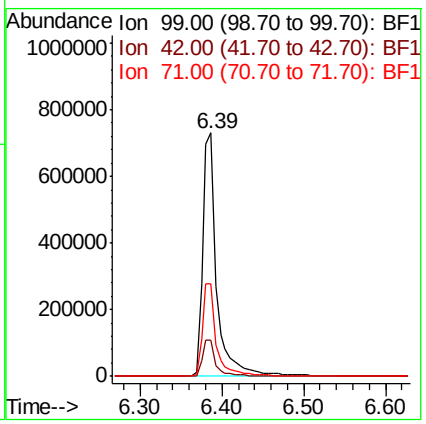


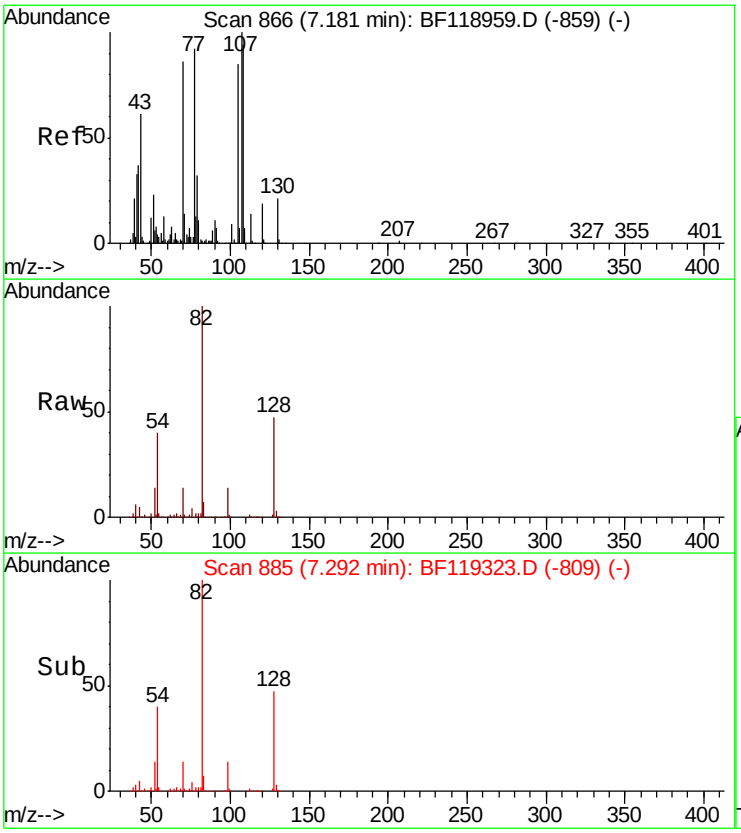
#7
Phenol-d6
Concen: 100.303 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 870396

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.6	18.8
71	38.3	31.0	46.4

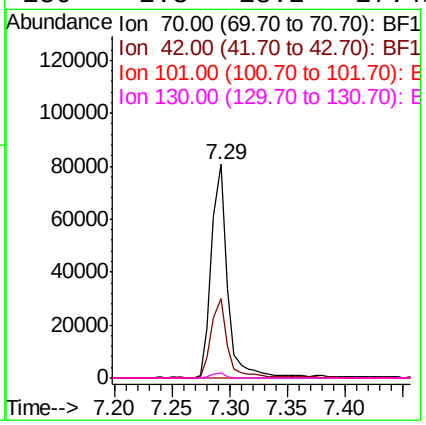


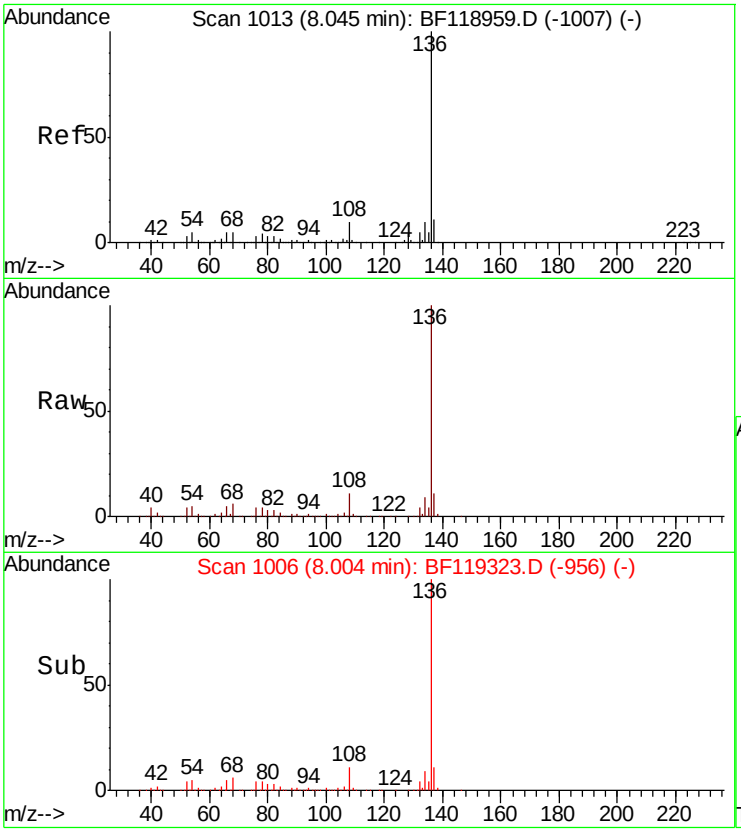


#19
n-Nitroso-di-n-propylamine
Concen: 15.817 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Tgt Ion: 70 Resp: 79977

Ion	Ratio	Lower	Upper
70	100		
42	37.0	38.0	57.0#
101	0.0	8.2	12.4#
130	2.3	18.2	27.4#



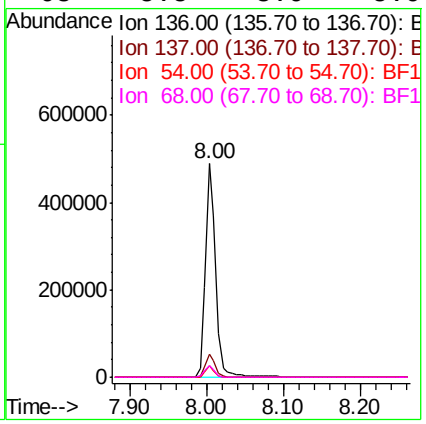


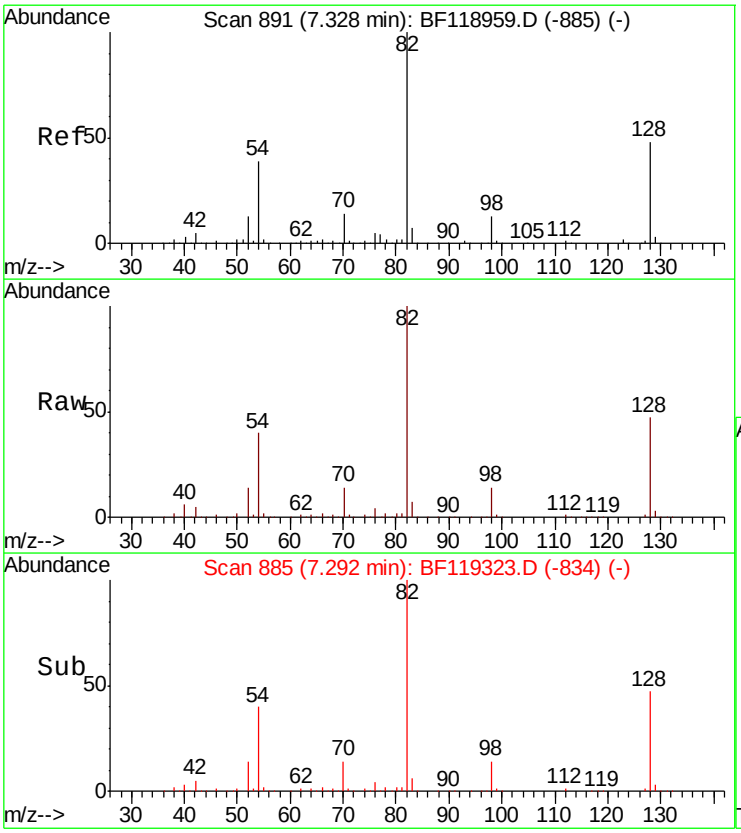
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 448017

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.1	3.8	5.6
68	5.5	3.9	5.9

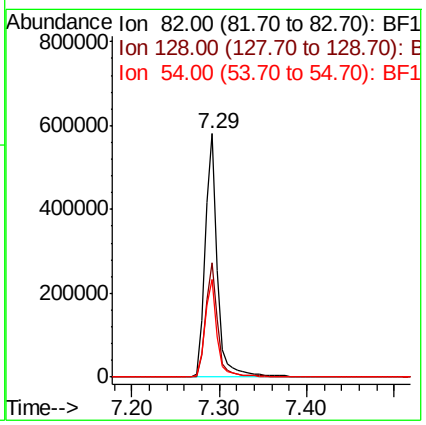


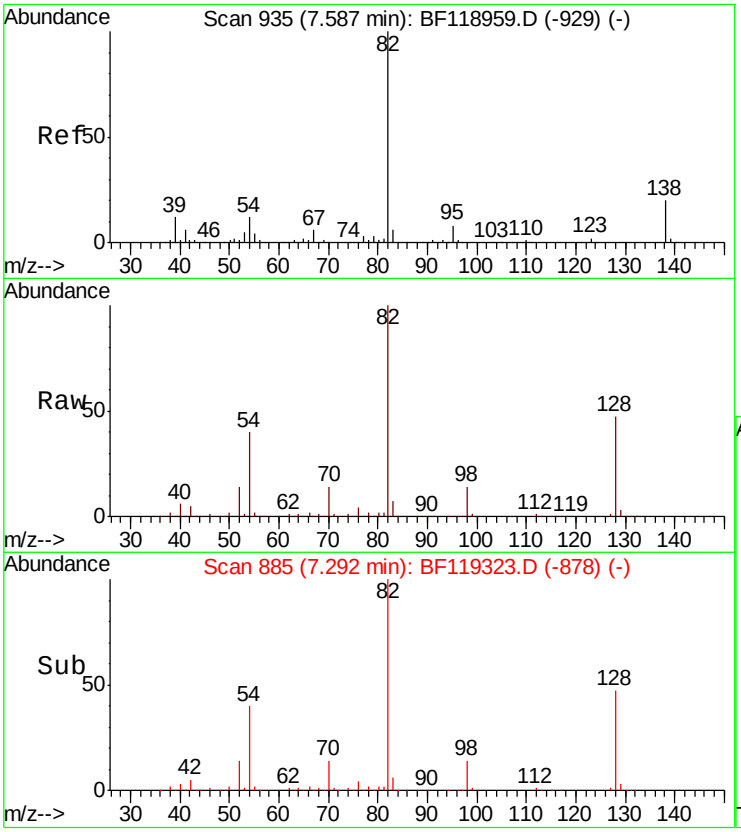


#23
Nitrobenzene-d5
Concen: 66.667 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Tgt Ion: 82 Resp: 565680

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.9	56.9
54	39.9	33.4	50.2



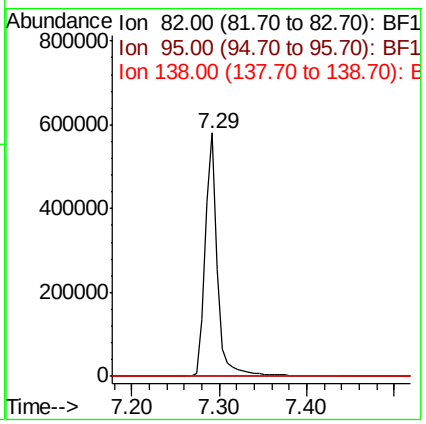


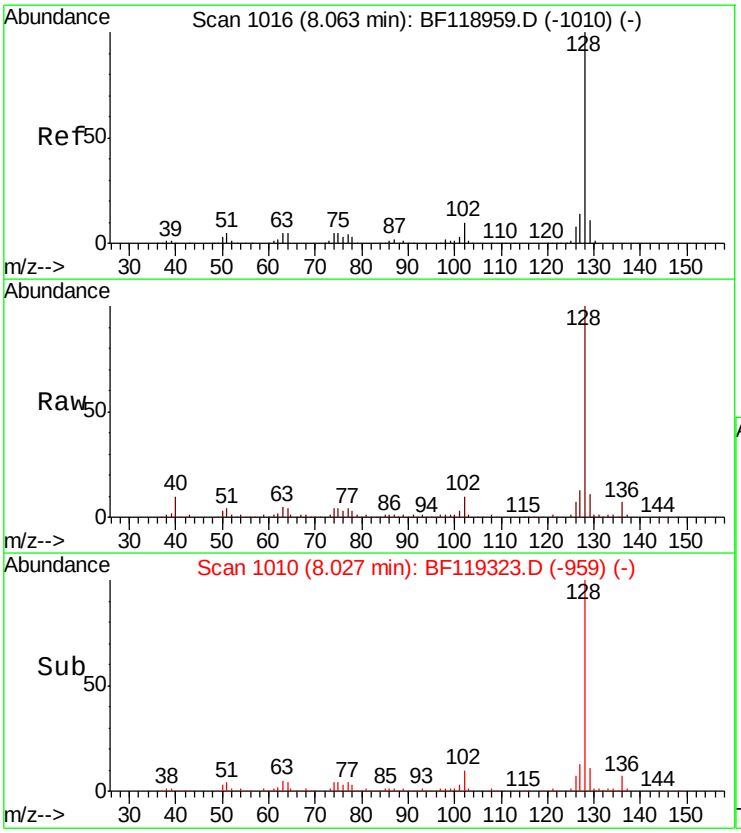
#25
Isophorone
Concen: 38.387 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 565680

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

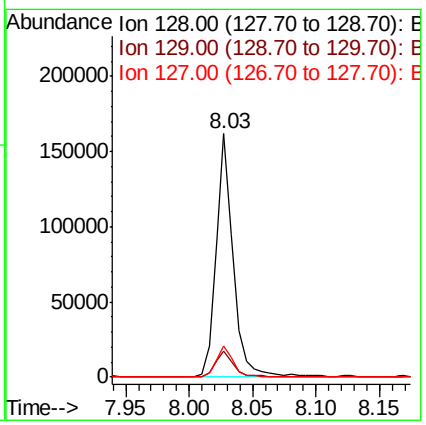


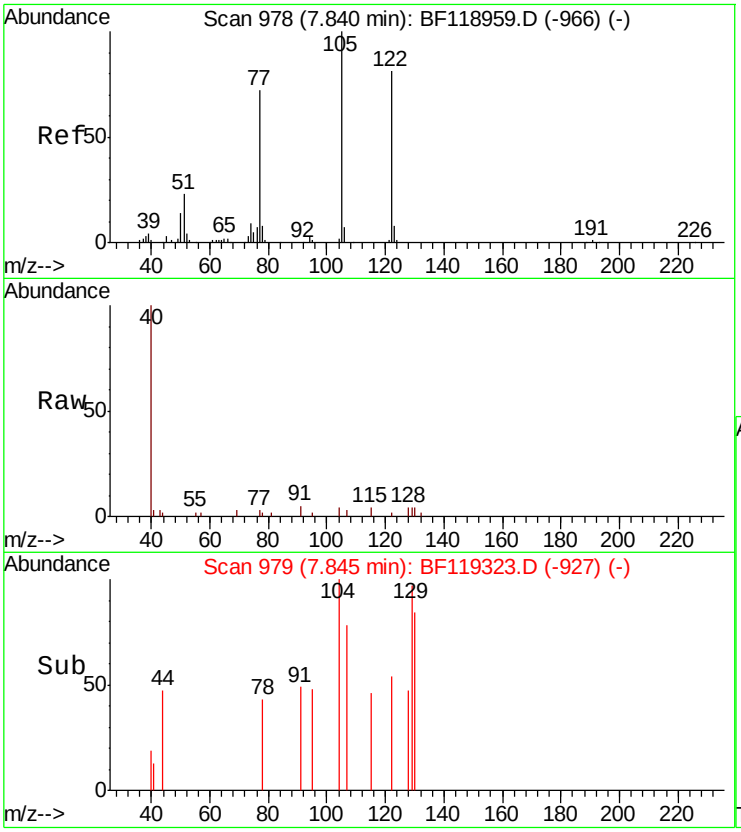


#31
Naphthalene
Concen: 6.532 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Tgt Ion:128 Resp: 151776

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.4	14.2
127	12.9	11.4	17.2



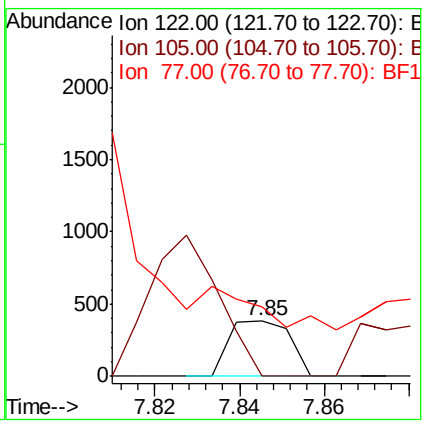


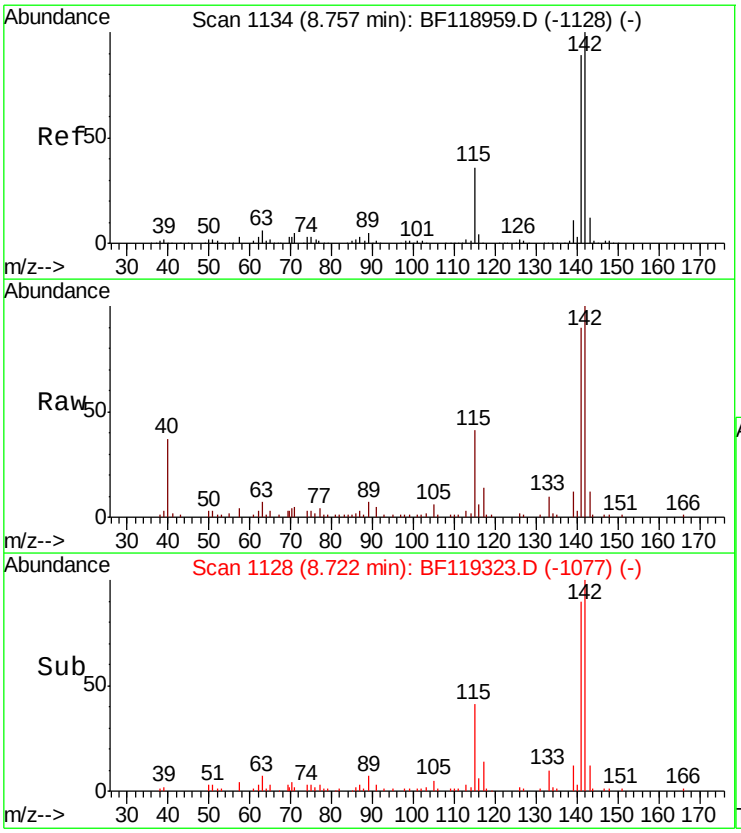
#32
Benzoic acid
Concen: 6.755 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 384

Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.3	146.3#
77	124.2	73.1	113.1#

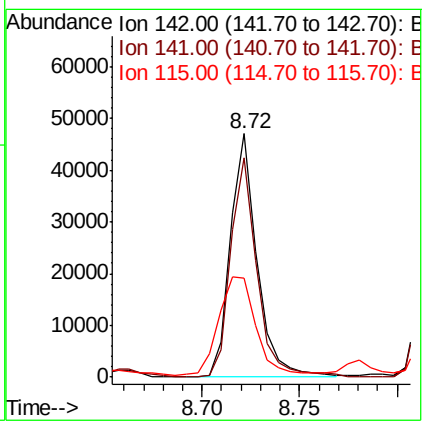


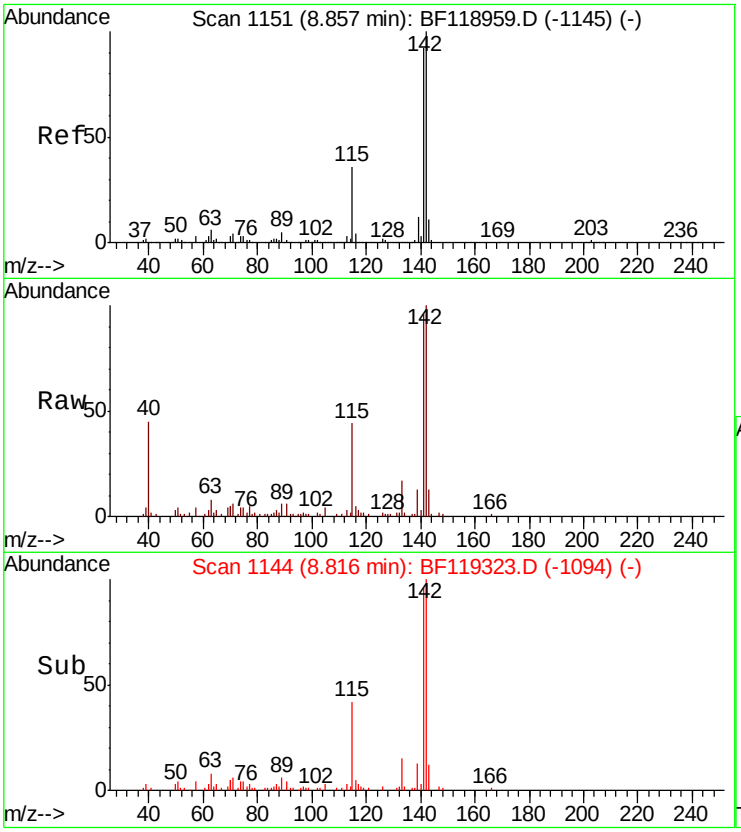


#37
2-Methylnaphthalene
Concen: 2.863 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Tgt Ion:142 Resp: 44761

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.3	108.5
115	40.6	30.6	45.8



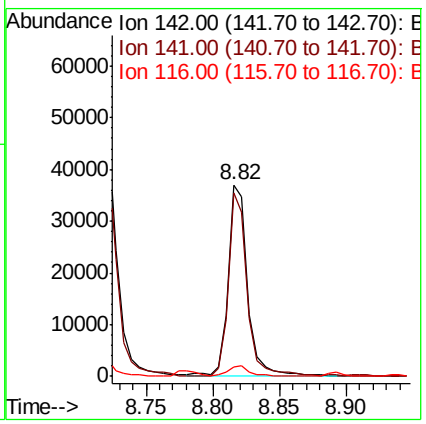


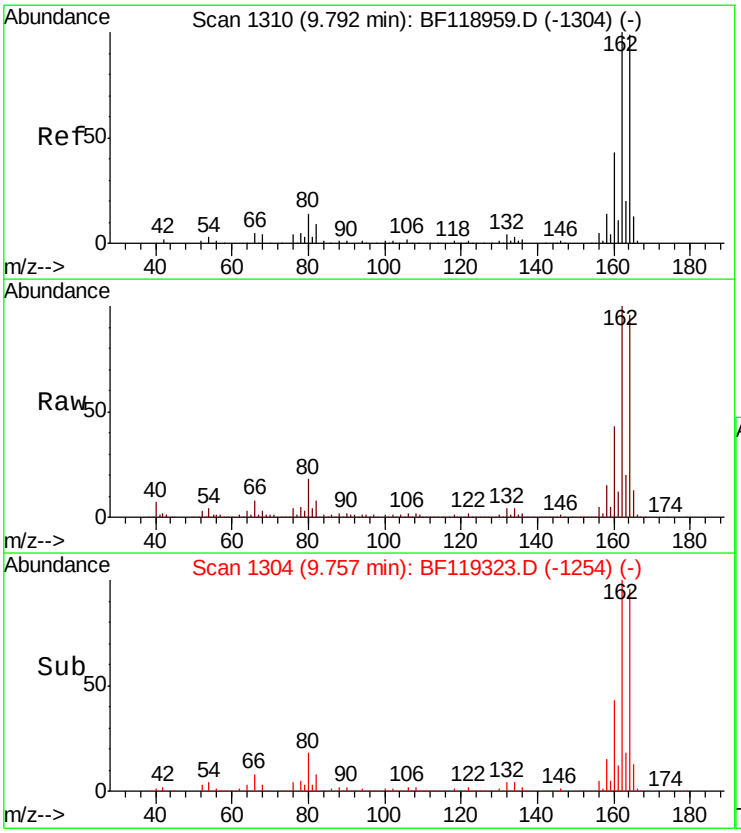
#38
1-Methylnaphthalene
Concen: 2.604 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 38299

Ion	Ratio	Lower	Upper
142	100		
141	95.9	75.8	113.6
116	5.1	3.1	4.7#

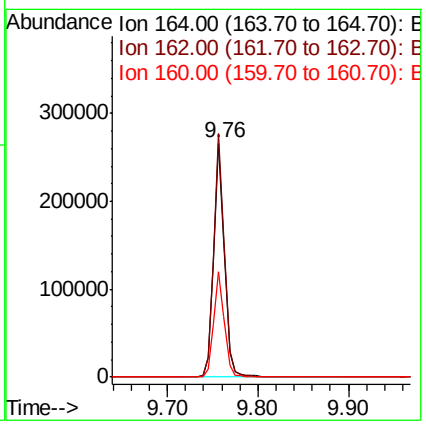


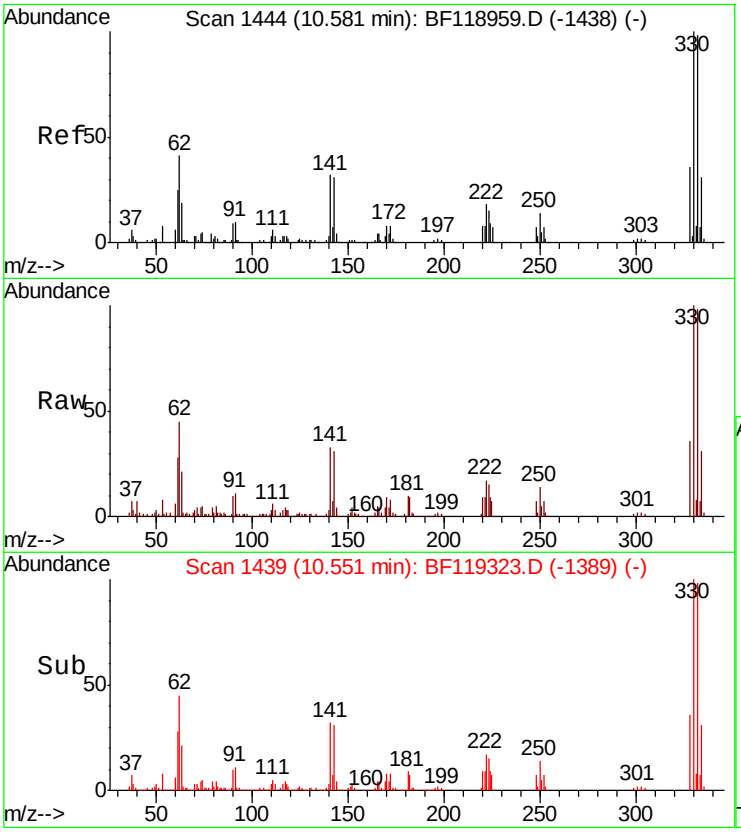


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Tgt Ion:164 Resp: 221732

Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.8	122.8
160	45.0	36.0	54.0



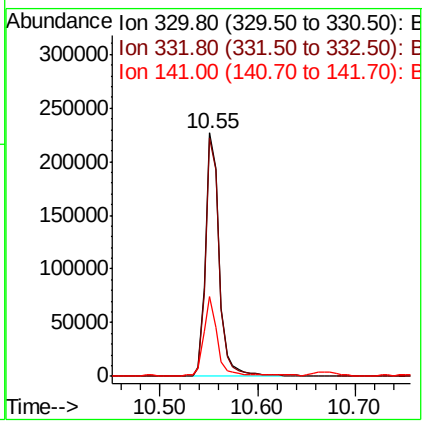


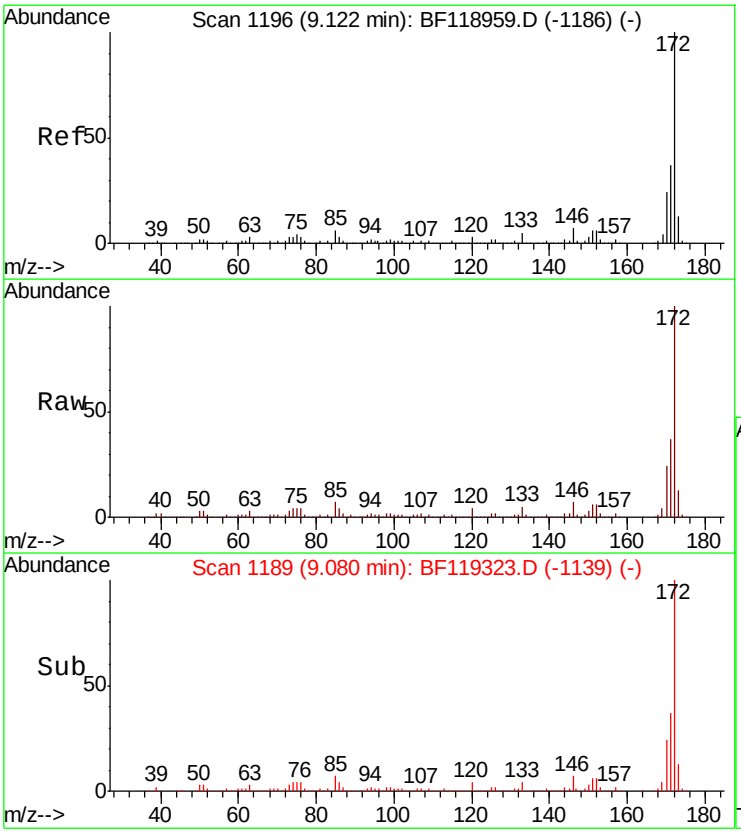
#42
2,4,6-Tribromophenol
Concen: 77.063 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 223532

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.0	114.0
141	30.9	22.9	34.3

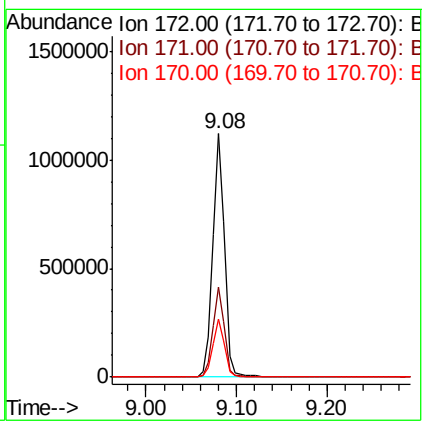


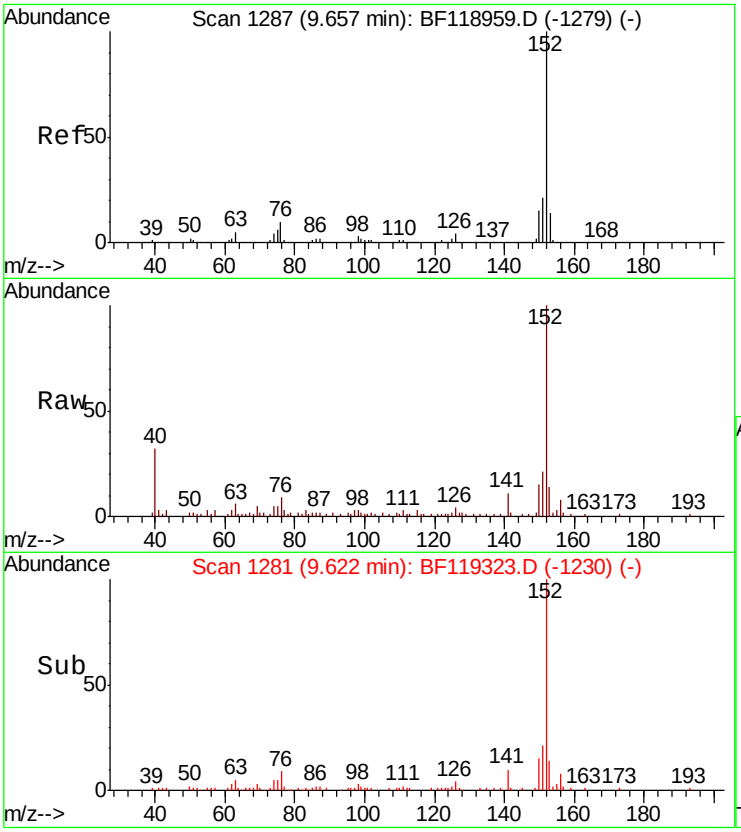


#45
2-Fluorobiphenyl
Concen: 67.911 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Tgt Ion:172 Resp: 1022150

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	45.8
170	24.1	20.2	30.2



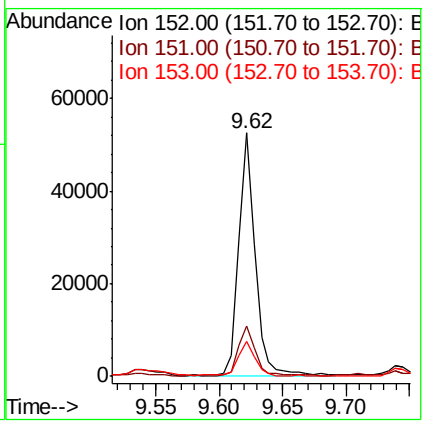


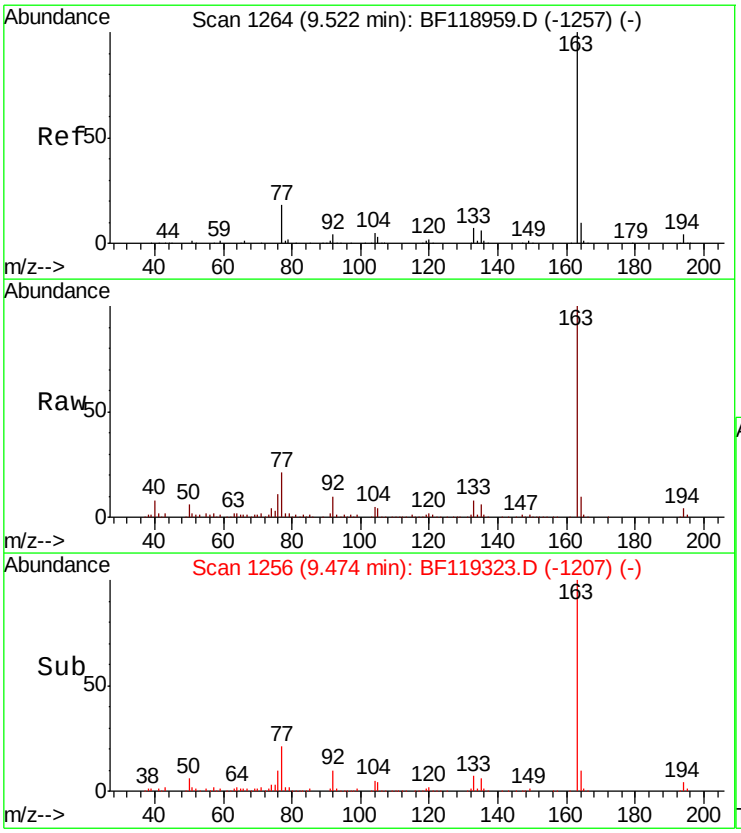
#49
Acenaphthylene
Concen: 2.290 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 47772

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	14.3	11.0	16.6

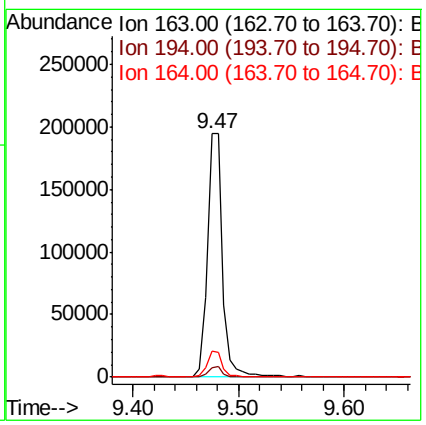


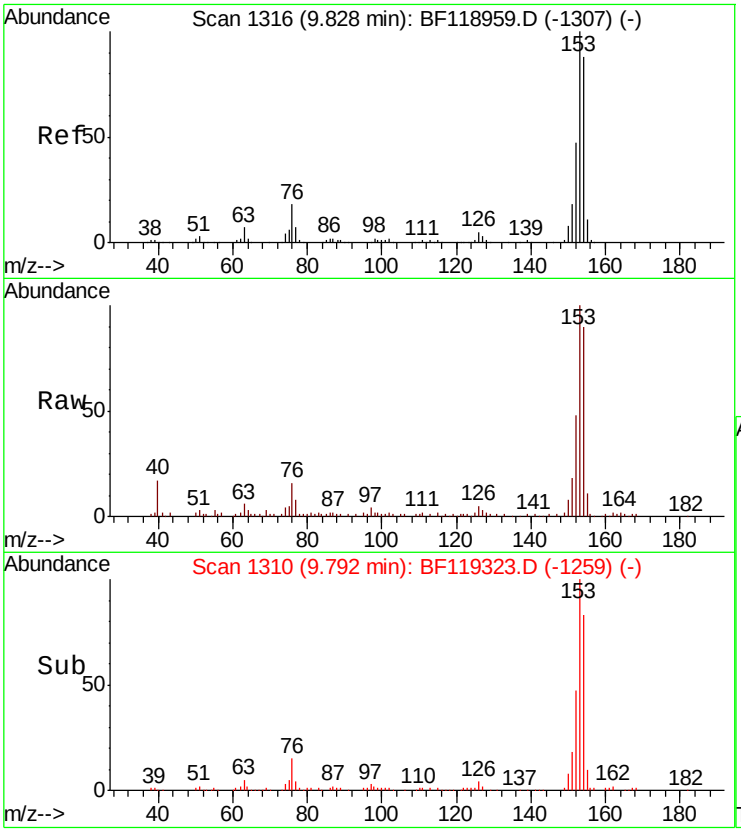


#50
Dimethylphthalate
Concen: 11.600 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Tgt Ion:163 Resp: 196682

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.5	8.4	12.6



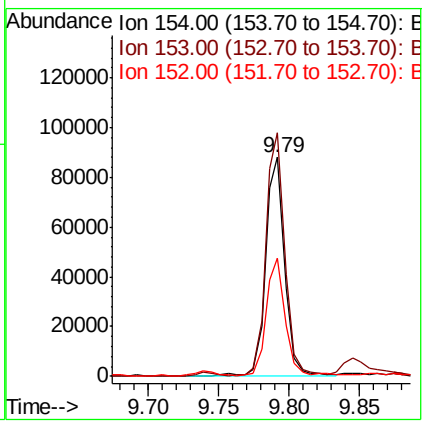


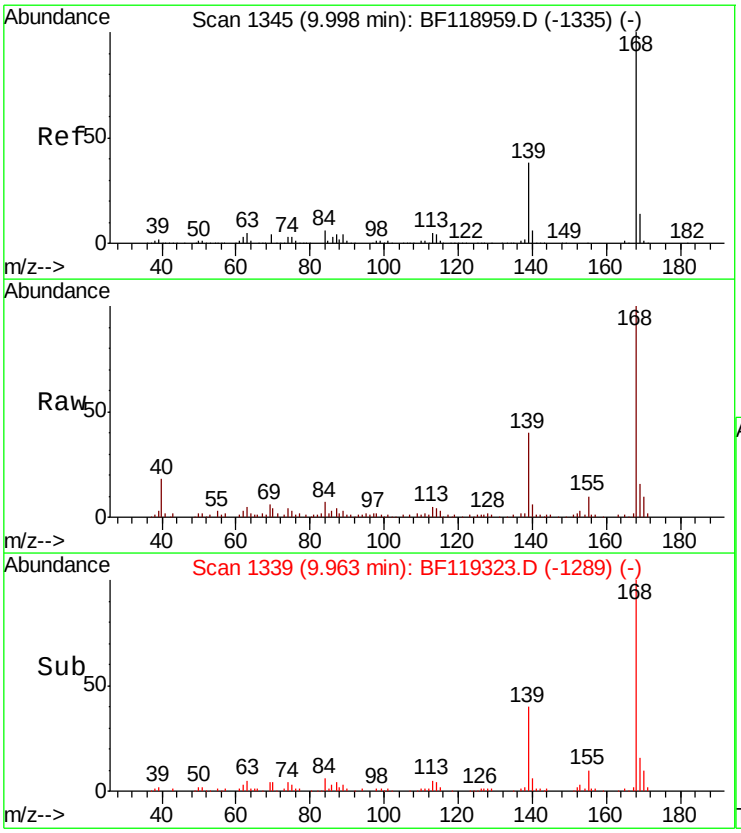
#52
Acenaphthene
Concen: 6.699 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 84250

Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.3	135.5
152	53.8	43.8	65.8

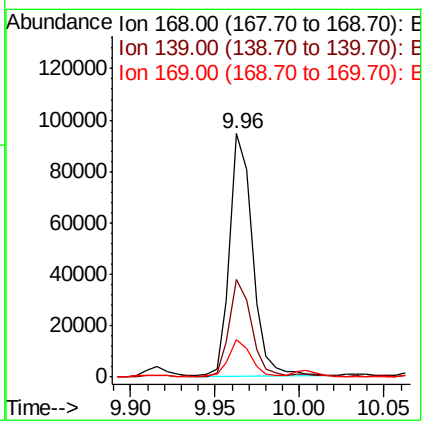


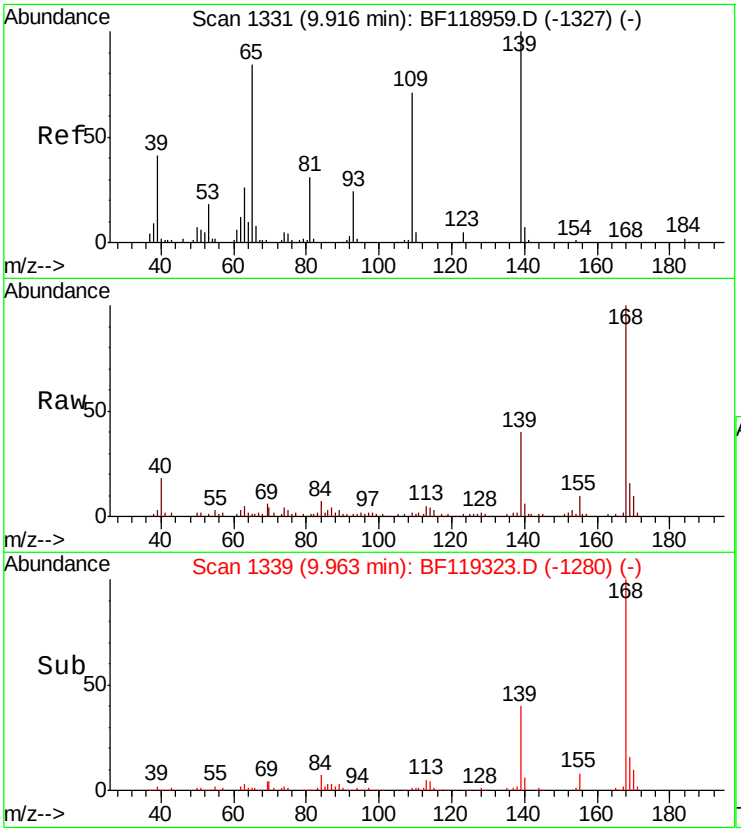


#55
Dibenzofuran
Concen: 4.758 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Tgt Ion:168 Resp: 89324

Ion	Ratio	Lower	Upper
168	100		
139	40.3	34.0	51.0
169	15.6	11.0	16.4



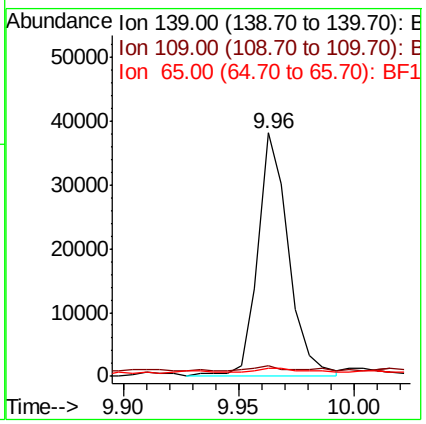


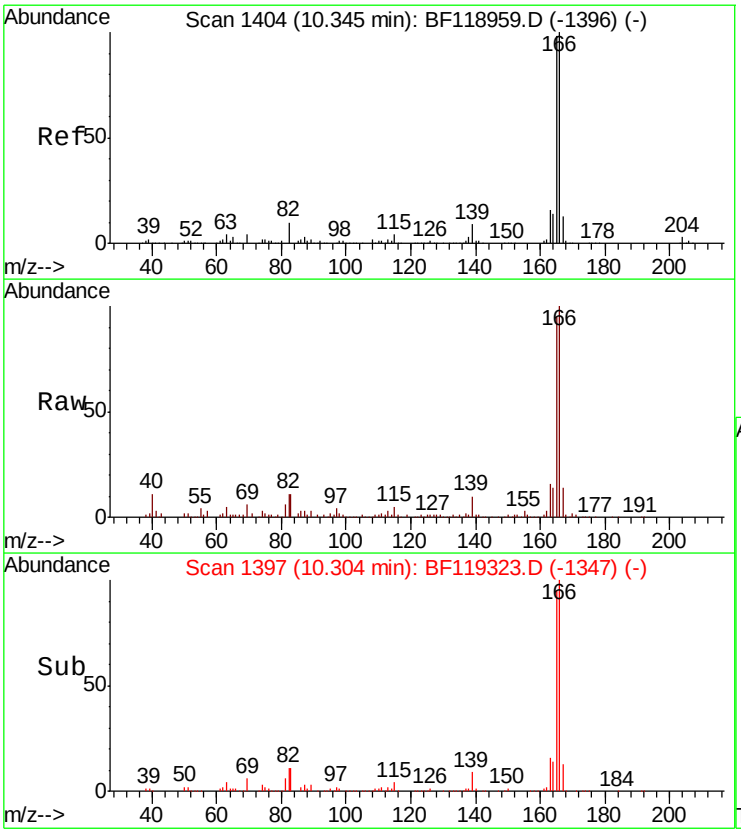
#56
4-Nitrophenol
Concen: 14.213 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.05 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 35661

Ion	Ratio	Lower	Upper
139	100		
109	4.2	56.7	96.7#
65	3.1	65.0	105.0#

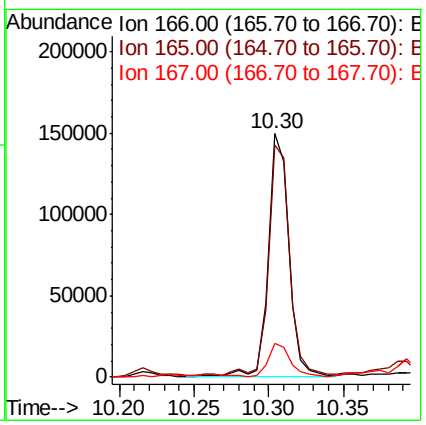


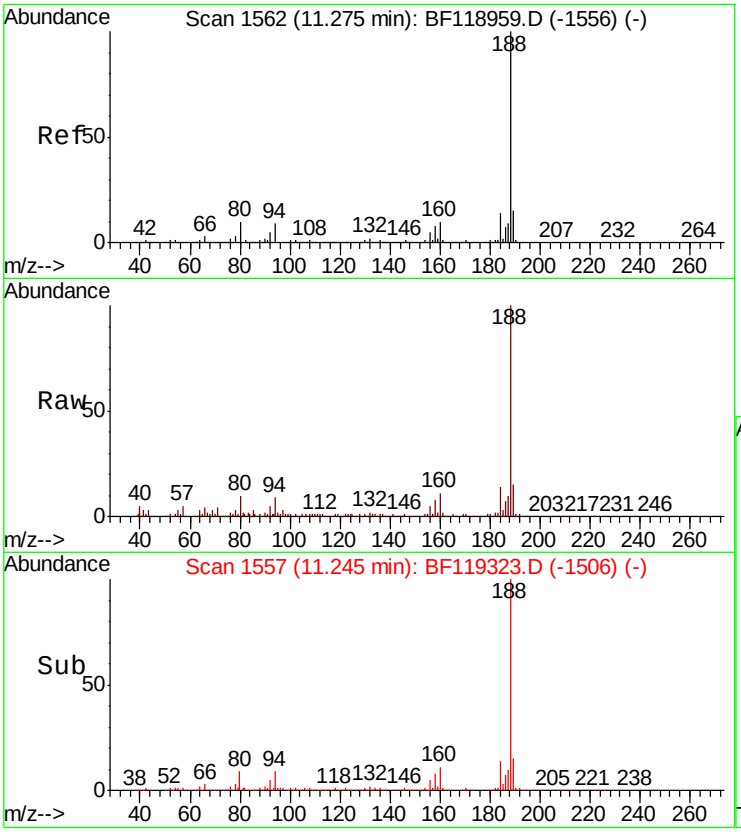


#58
Fluorene
Concen: 9.730 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Tgt Ion:166 Resp: 141931

Ion	Ratio	Lower	Upper
166	100		
165	95.1	78.5	117.7
167	13.6	11.0	16.4



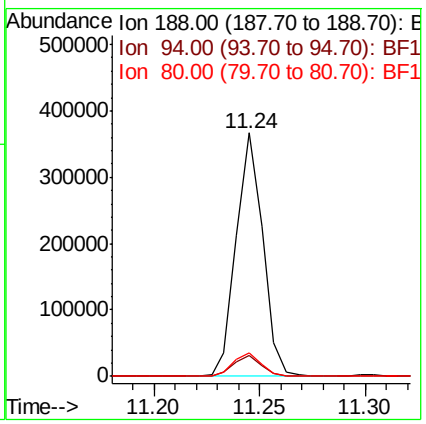


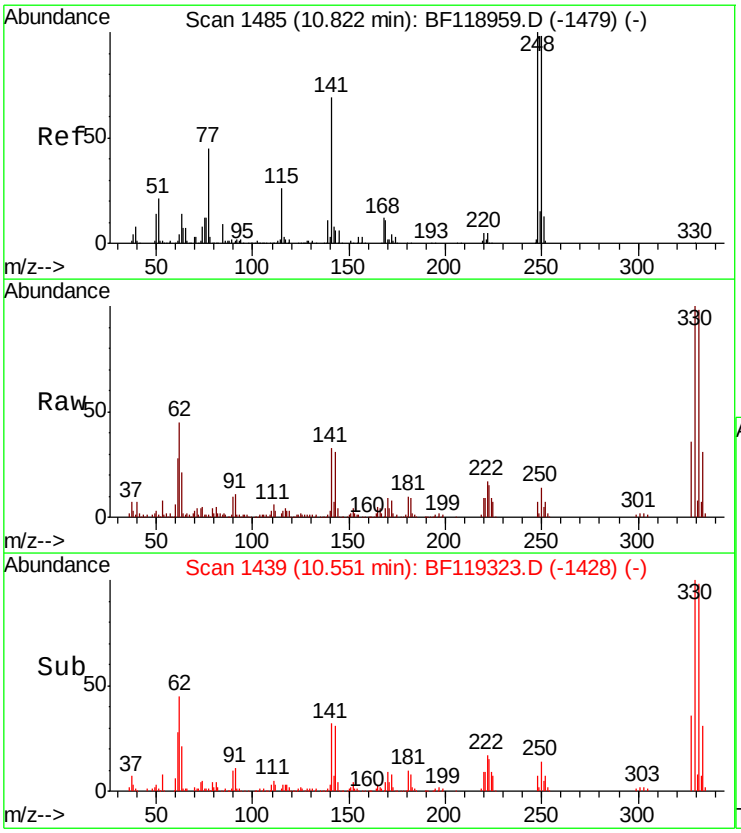
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 319631

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.1	10.7
80	9.6	7.8	11.8

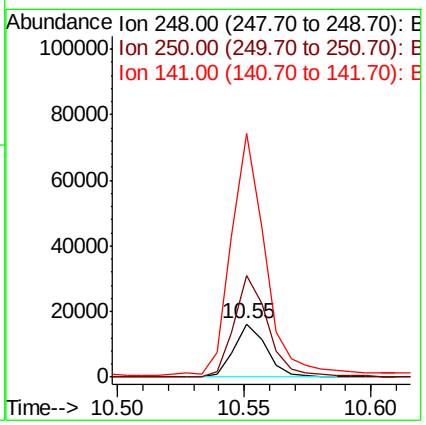


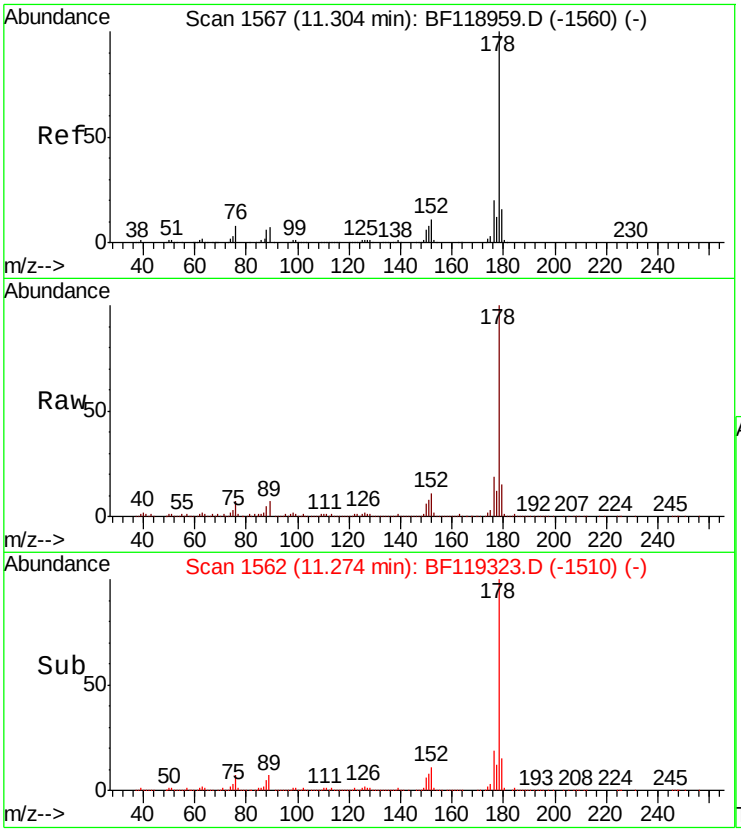


#67
4-Bromophenyl-phenylether
Concen: 3.478 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Tgt Ion:248 Resp: 14531

Ion	Ratio	Lower	Upper
248	100		
250	191.4	76.7	115.1#
141	456.9	60.7	91.1#



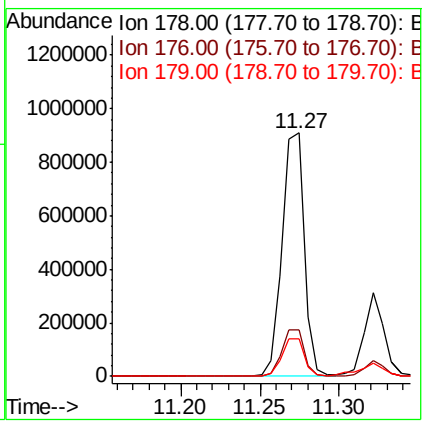


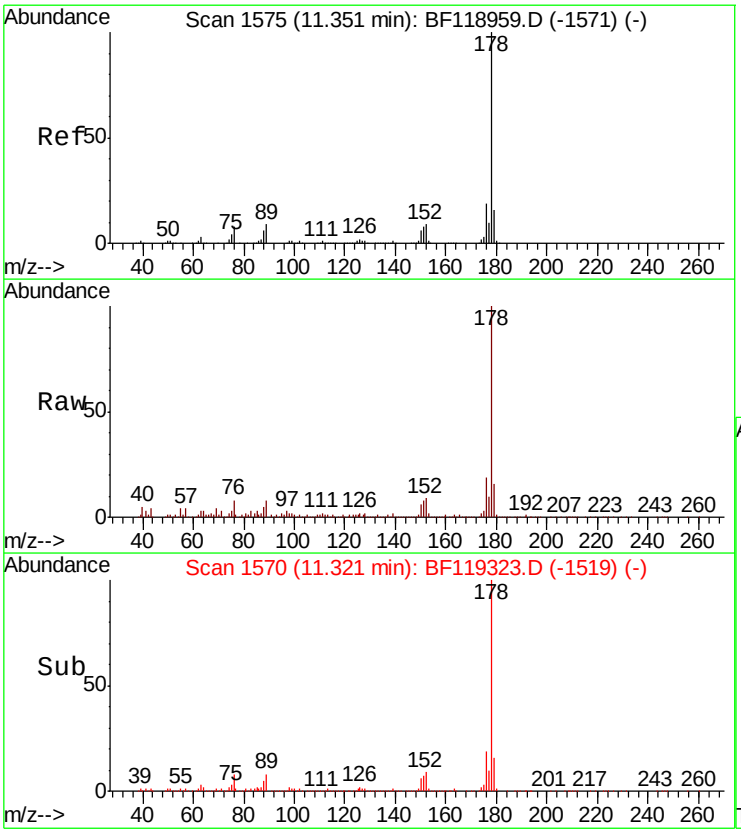
#71
Phenanthrene
Concen: 50.518 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 880584

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.5	24.7
179	15.3	13.0	19.6

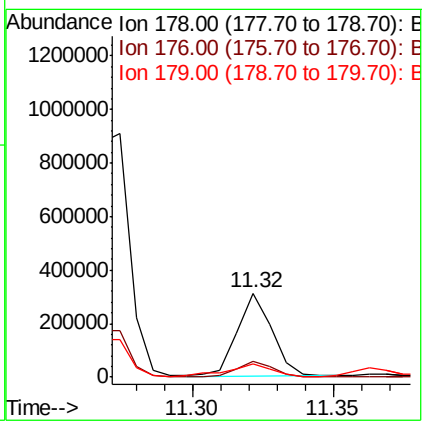


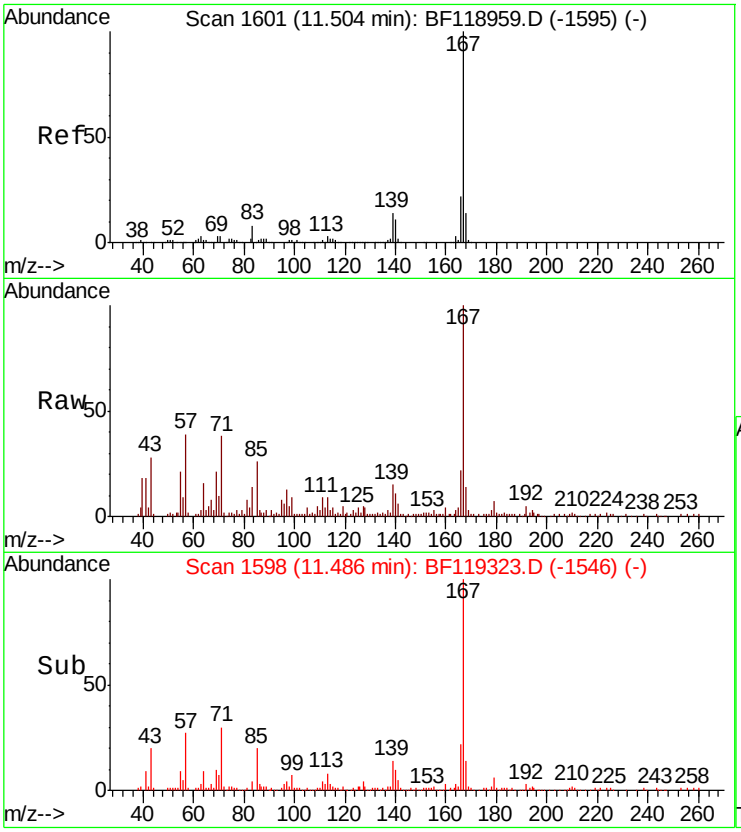


#72
Anthracene
Concen: 15.220 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Tgt Ion:178 Resp: 265087

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.3	13.1	19.7



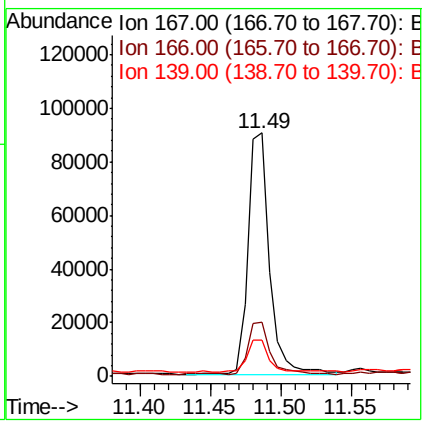


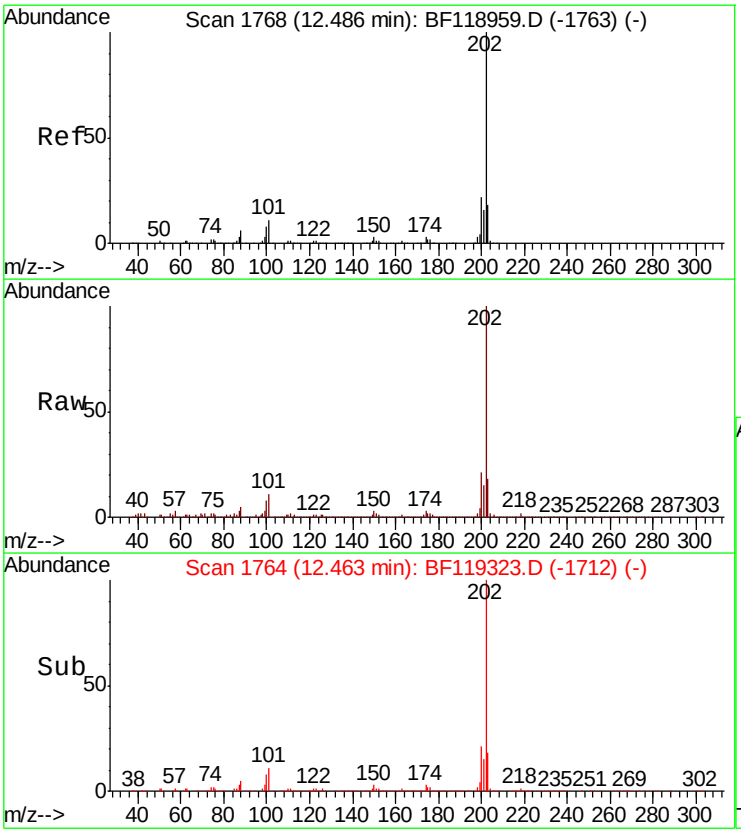
#73
Carbazole
Concen: 6.191 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.01 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 96066

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	14.8	11.7	17.5

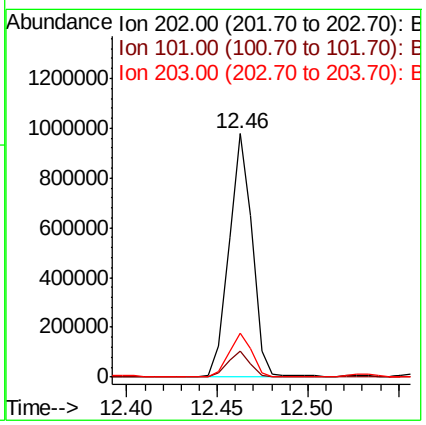


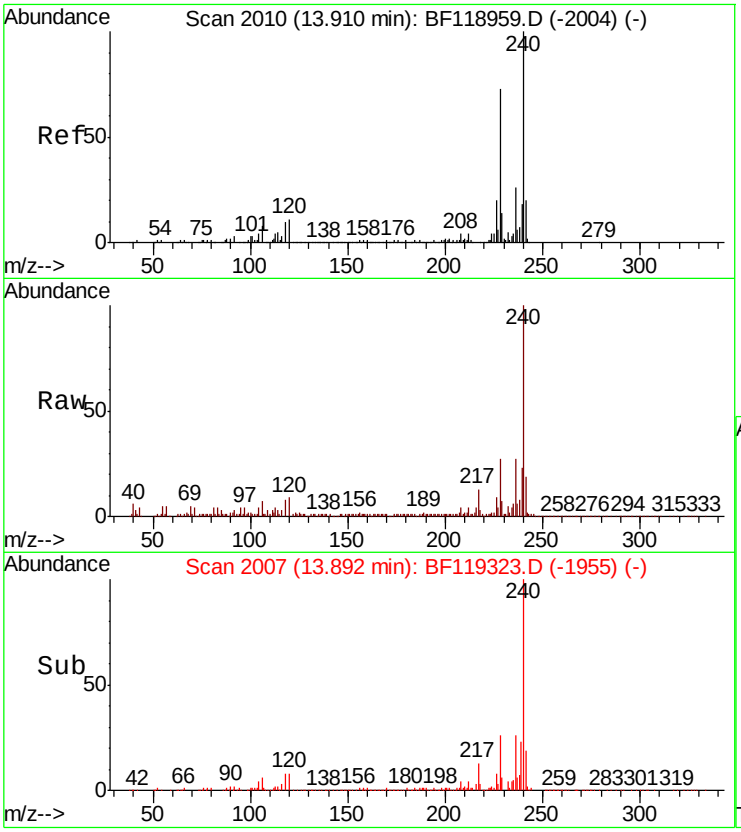


#75
Fluoranthene
Concen: 46.876 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Tgt Ion:202 Resp: 867329

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.3
203	18.0	0.0	38.4



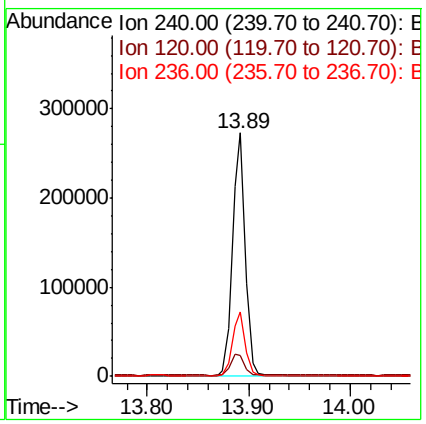


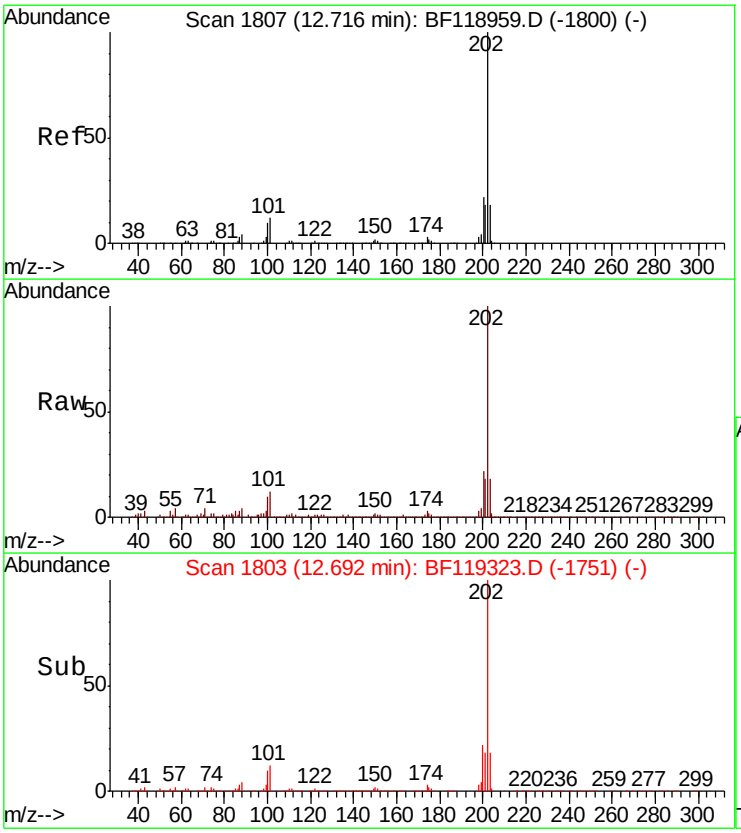
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 238635

Ion	Ratio	Lower	Upper
240	100		
120	8.8	8.4	12.6
236	26.6	21.0	31.4

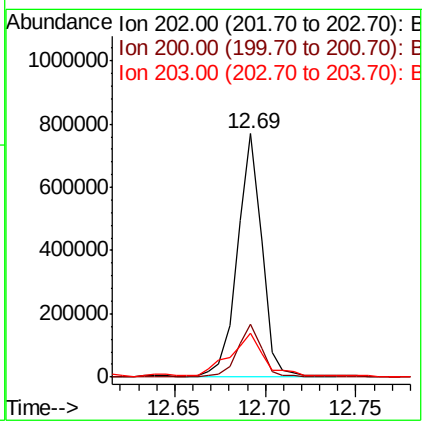


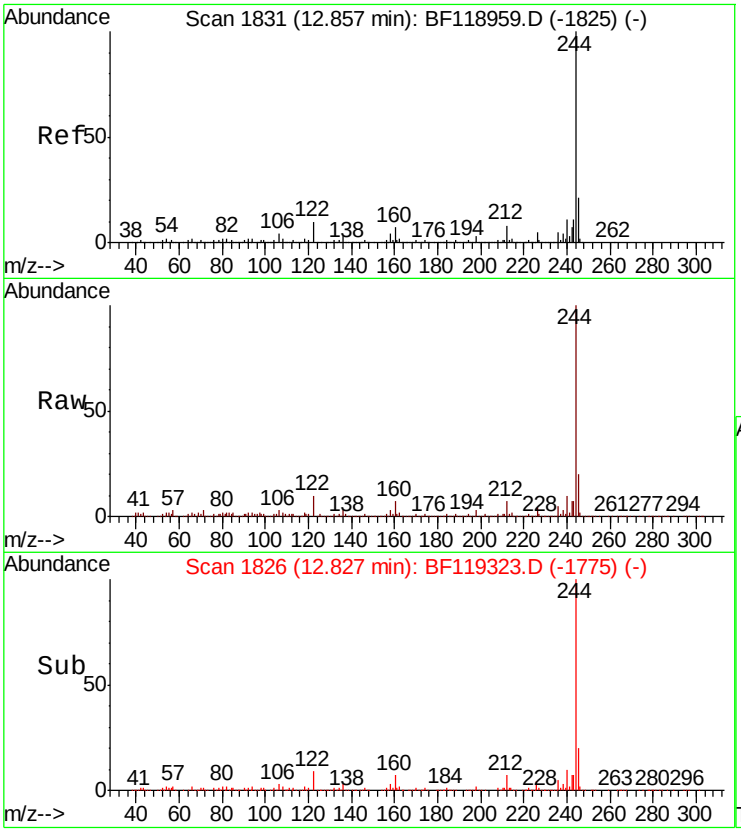


#78
Pyrene
Concen: 37.321 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Tgt Ion:202 Resp: 715157

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.0	27.0
203	17.8	14.6	22.0



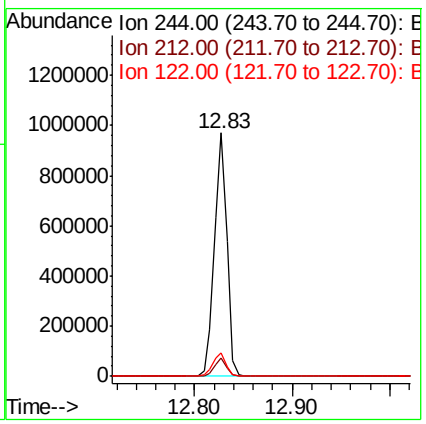


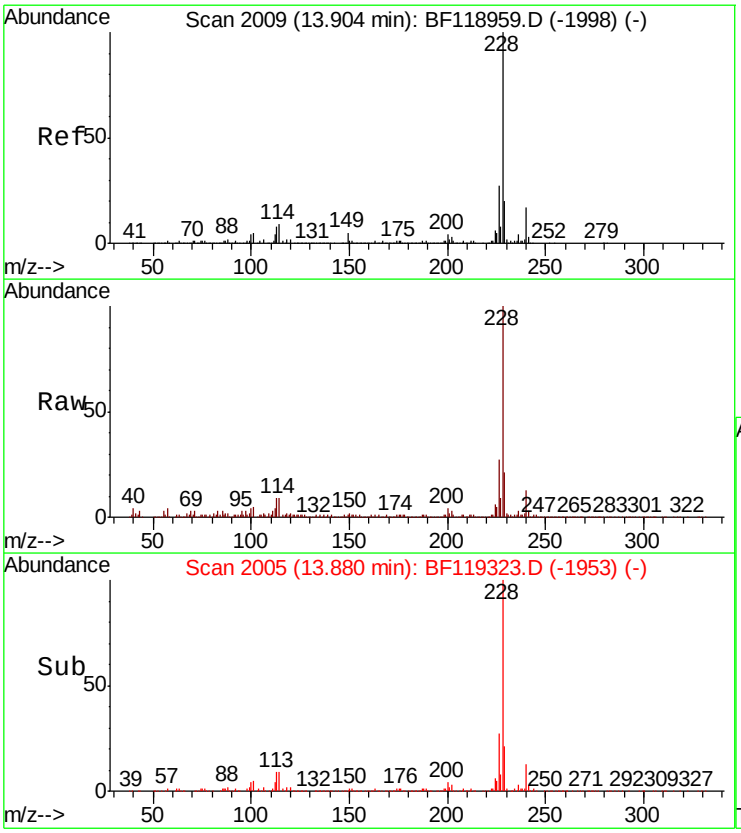
#79
Terphenyl-d14
Concen: 62.297 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 863479

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.6	10.0
122	9.5	8.2	12.2

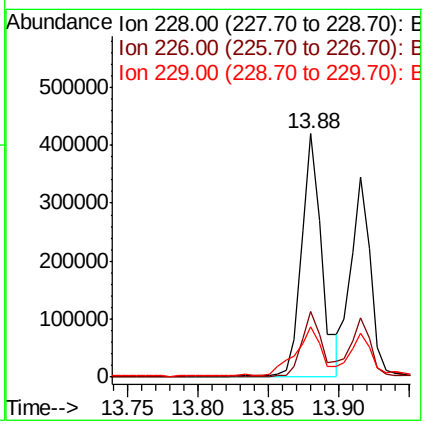


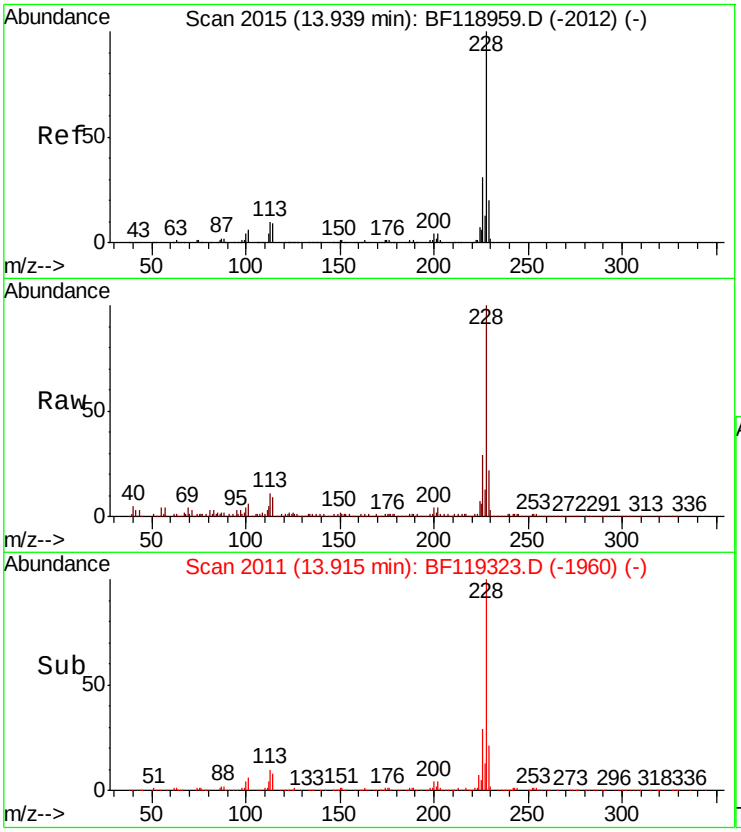


#81
Benzo(a)anthracene
Concen: 25.397 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Tgt Ion:228 Resp: 412943

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	20.9	16.6	24.8



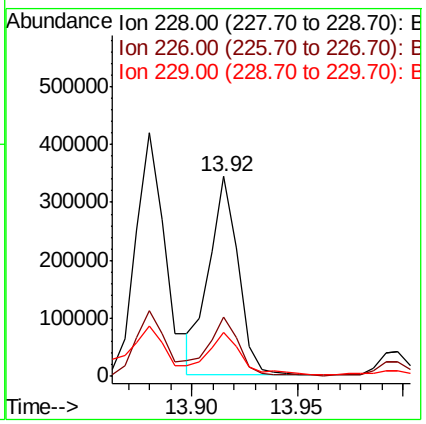


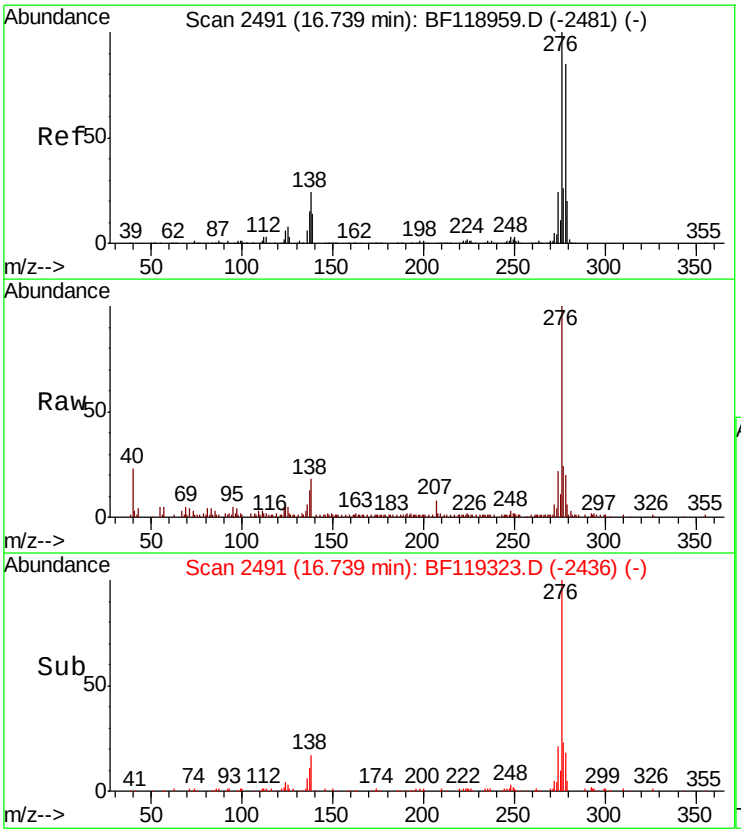
#83
Chrysene
Concen: 20.344 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 329599

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.1	37.7
229	21.9	16.3	24.5

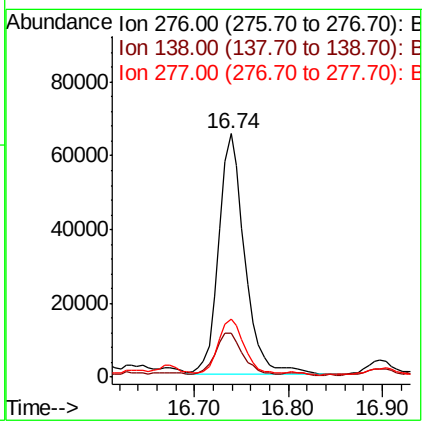


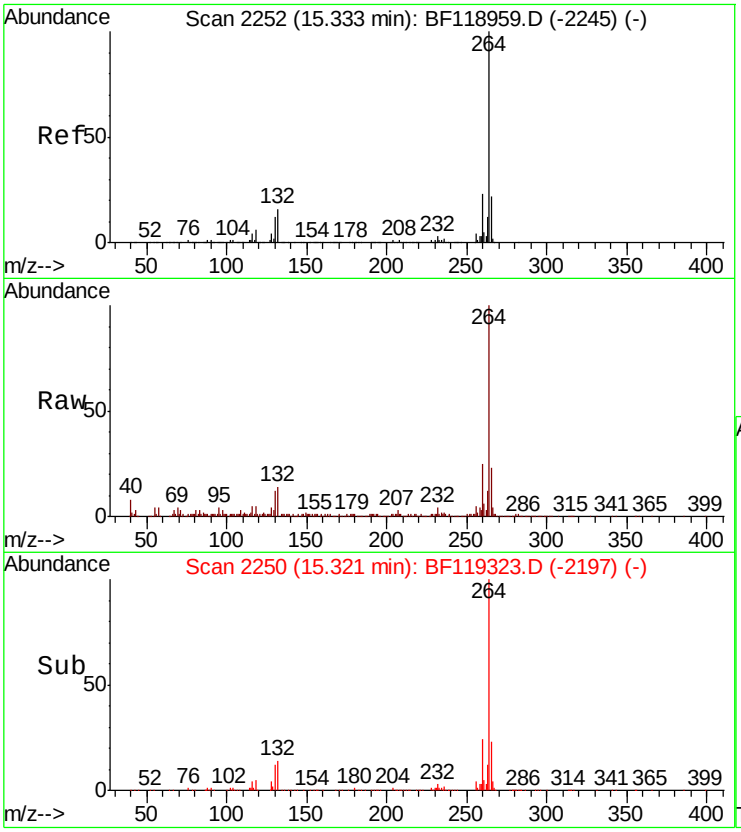


#86
Indeno(1,2,3-cd)pyrene
Concen: 8.117 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.02 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Tgt Ion:276 Resp: 127340

Ion	Ratio	Lower	Upper
276	100		
138	18.5	17.4	26.0
277	22.4	20.3	30.5



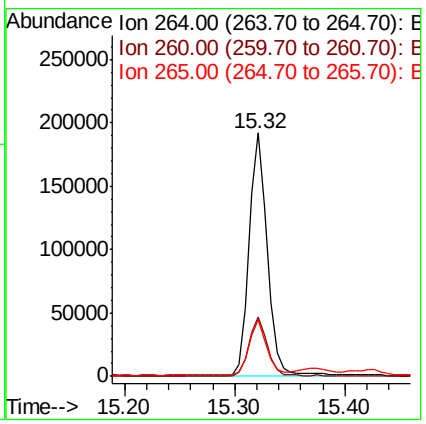


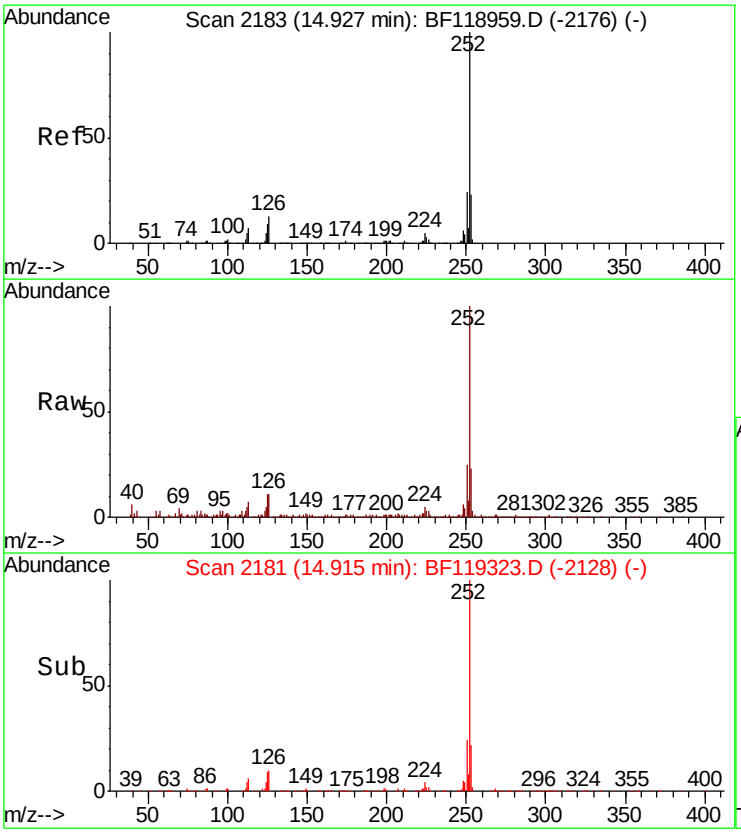
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 221898

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	23.0	17.7	26.5

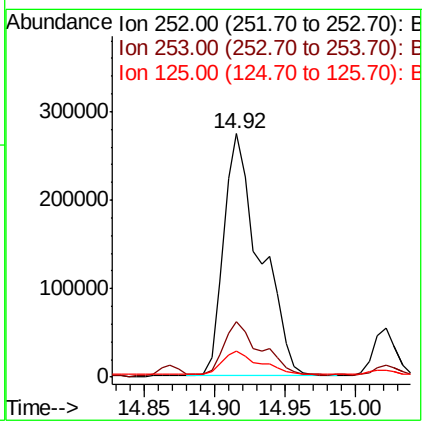


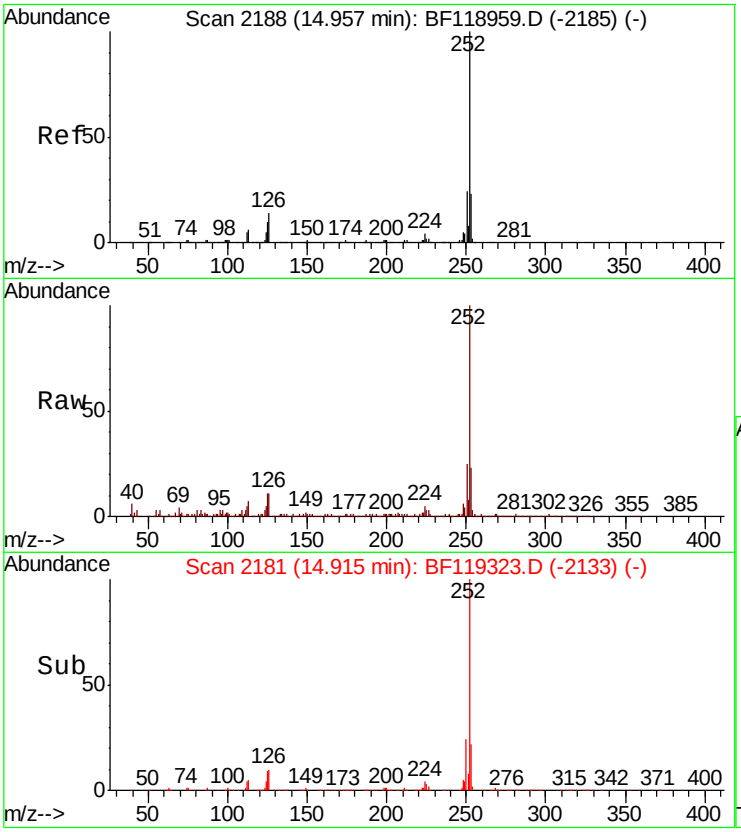


#88
Benzo(b)fluoranthene
Concen: 33.781 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Tgt Ion:252 Resp: 494098

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	10.6	7.4	11.0



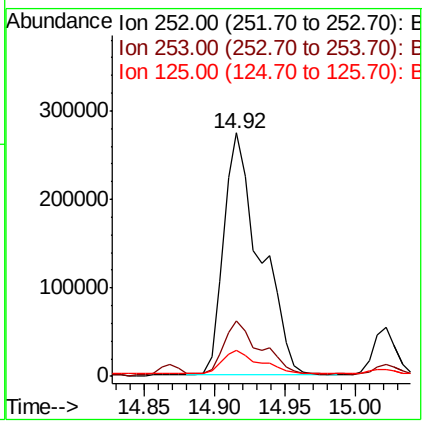


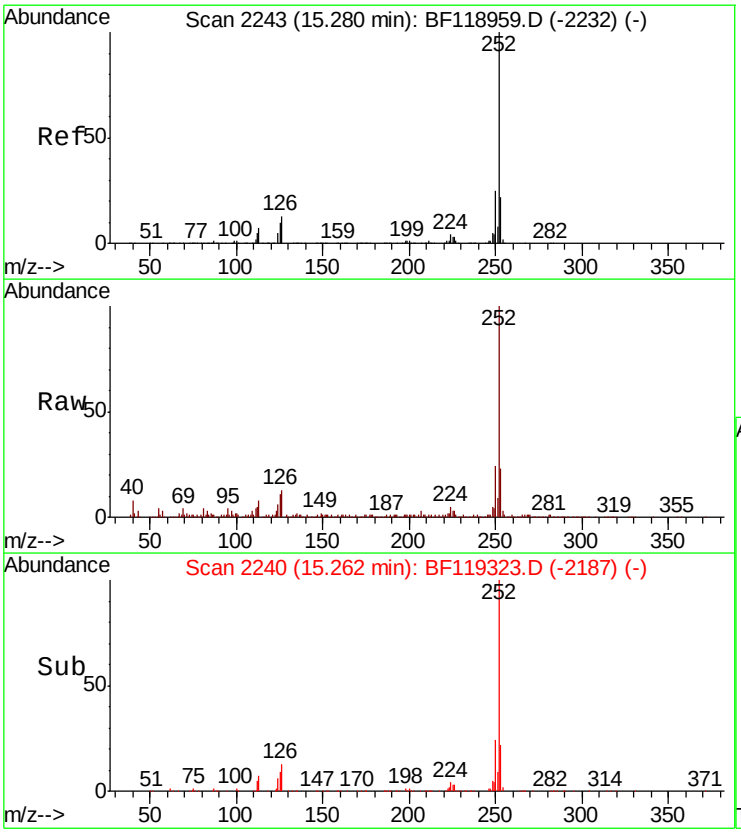
#89
Benzo(k)fluoranthene
Concen: 36.453 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 494098

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	10.6	7.5	11.3

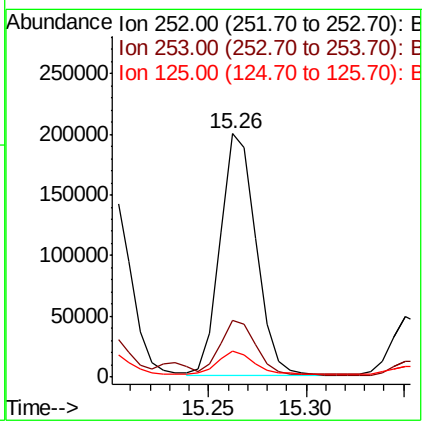


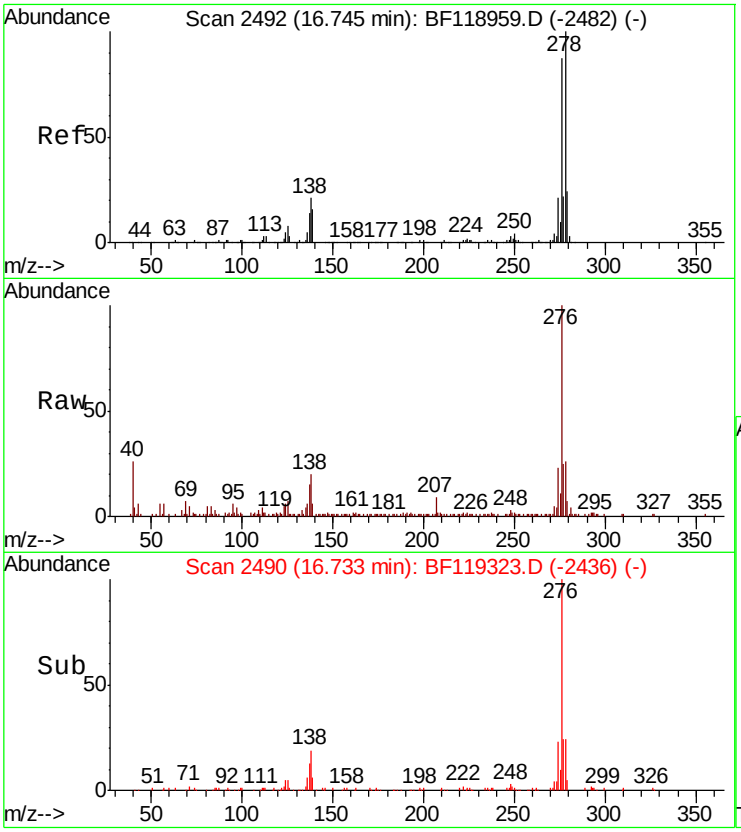


#90
Benzo(a)pyrene
Concen: 19.286 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Tgt Ion:252 Resp: 254590

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	10.6	8.6	12.8



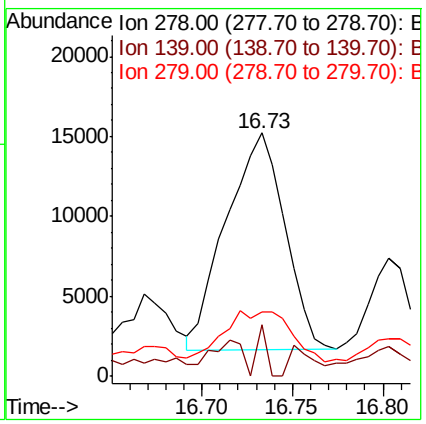


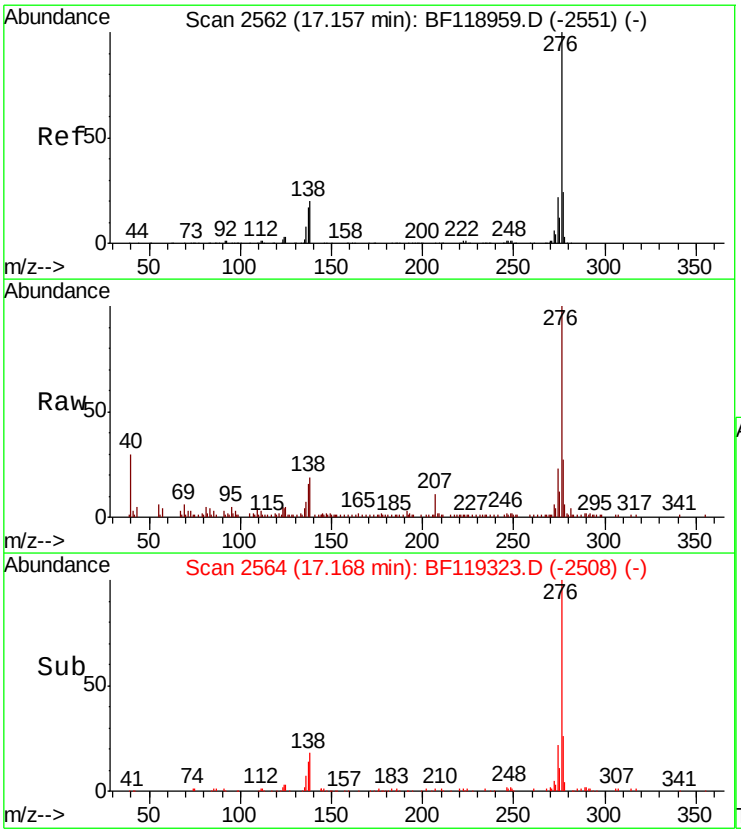
#91
Dibenzo(a,h)anthracene
Concen: 2.625 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.02 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 30487

Ion	Ratio	Lower	Upper
278	100		
139	21.4	11.0	16.4#
279	26.4	18.6	28.0





#92
Benzo(g,h,i)perylene
Concen: 9.418 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.03 min
Lab File: BF119323.D
Acq: 10 Mar 2020 18:21

Tgt Ion:276 Resp: 108085

Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.7	28.1
138	18.9	14.3	21.5