Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121801.D
Acq On : 2 Oct 2020 18:46
Operator : JU/CG
Sample : L4213-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-15(9-11)

Quant Time: Oct 03 00:17:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	137877	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	521206	20.00	ng		-0.01
39) Acenaphthene-d10	9.80	164	237538	20.00	ng		-0.01
64) Phenanthrene-d10	11.28	188	362979	20.00	ng		-0.01
76) Chrysene-d12	13.92	240	275315	20.00	ng		-0.01
86) Perylene-d12	15.36	264	263650	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	142791	15.39	ng		0.00
7) Phenol-d6	6.40	99	807629	66.35	ng		-0.01
23) Nitrobenzene-d5	7.33	82	670167	69.04	ng		-0.01
42) 2,4,6-Tribromophenol	10.59	330	1329	0.45	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	1088761	69.42	ng		-0.01
79) Terphenyl-d14	12.87	244	808725	59.51	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	89633	12.778	ng	#	80
25) Isophorone	7.33	82	670161	34.295	ng	#	67
32) Benzoic acid	7.85	122	113	6.950	ng	#	1
35) Caprolactam	8.45	113	11391	4.305	ng		97
50) Dimethylphthalate	9.52	163	149631	8.691	ng		99
56) 4-Nitrophenol	10.00	139	7477	2.207	ng	#	13
57) 2,4-Dinitrotoluene	9.80	165	30865	6.691	ng	#	21
71) Phenanthrene	11.30	178	336606	17.020	ng		99
72) Anthracene	11.36	178	91590	4.488	ng		97
75) Fluoranthene	12.49	202	470216	22.273	ng		100
78) Pyrene	12.72	202	410984	20.431	ng		99
81) Benzo(a)anthracene	13.91	228	235395	13.515	ng		99
83) Chrysene	13.94	228	192522	10.915	ng		97
87) Indeno(1,2,3-cd)pyrene	16.76	276	97616	5.685	ng		97
88) Benzo(b)fluoranthene	14.94	252	339090	19.239	ng		98
89) Benzo(k)fluoranthene	14.94	252	339090	21.009	ng	#	97
90) Benzo(a)pyrene	15.30	252	179454	11.978	ng		99
92) Benzo(g,h,i)perylene	17.19	276	91696	6.527	ng		99

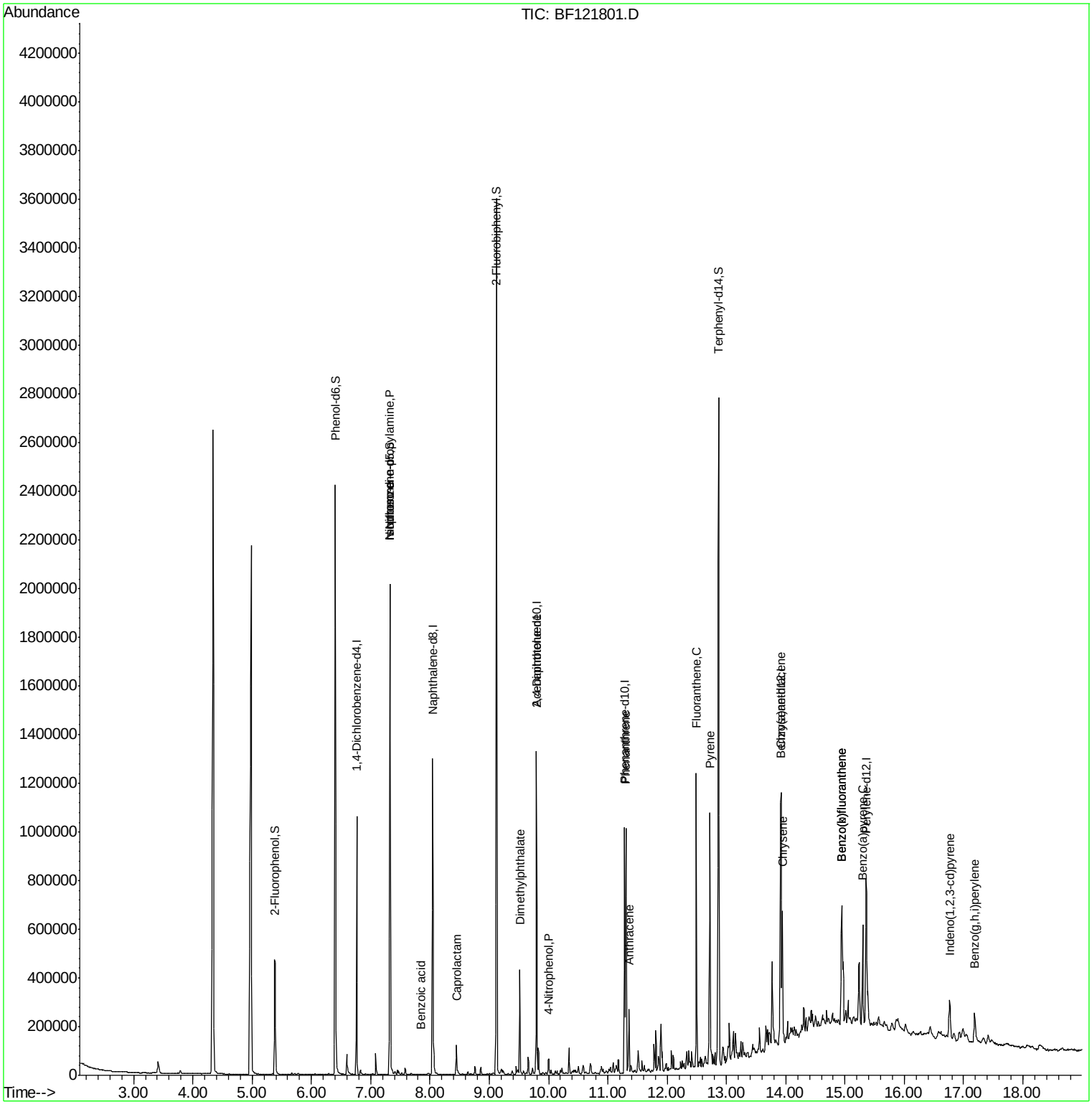
(#) = qualifier out of range (m) = manual integration (+) = signals summed

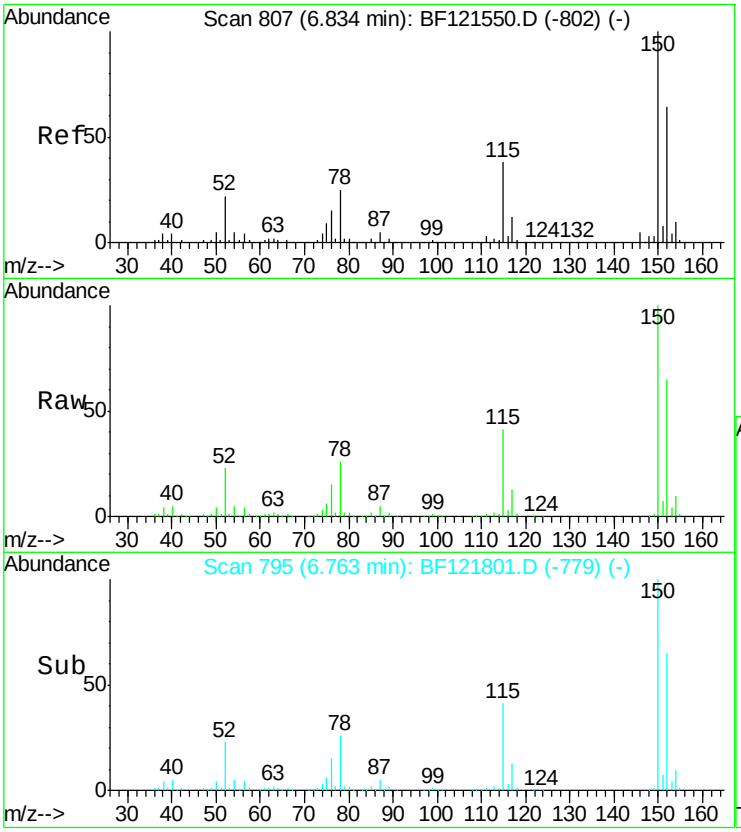
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121801.D
Acq On : 2 Oct 2020 18:46
Operator : JU/CG
Sample : L4213-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-15(9-11)

Quant Time: Oct 03 00:17:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration



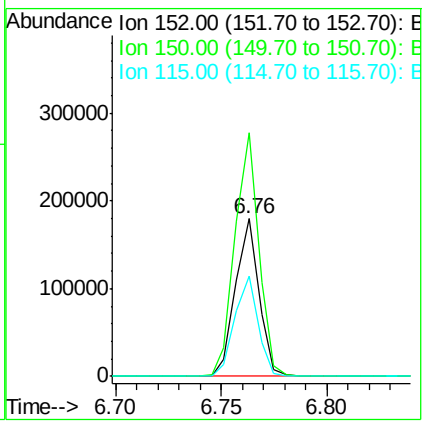


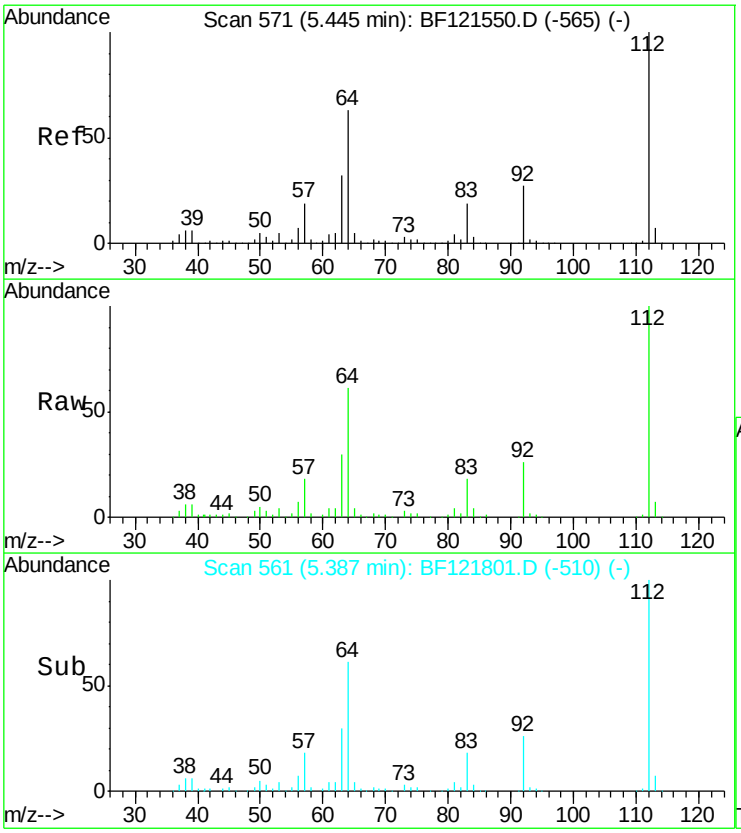
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Instrument :
BNA_F
ClientSampleId :
B-15(9-11)

Tgt Ion:152 Resp: 137877

Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.3	187.9
115	63.4	51.9	77.9

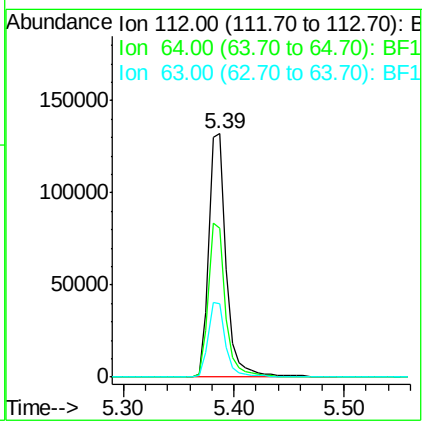


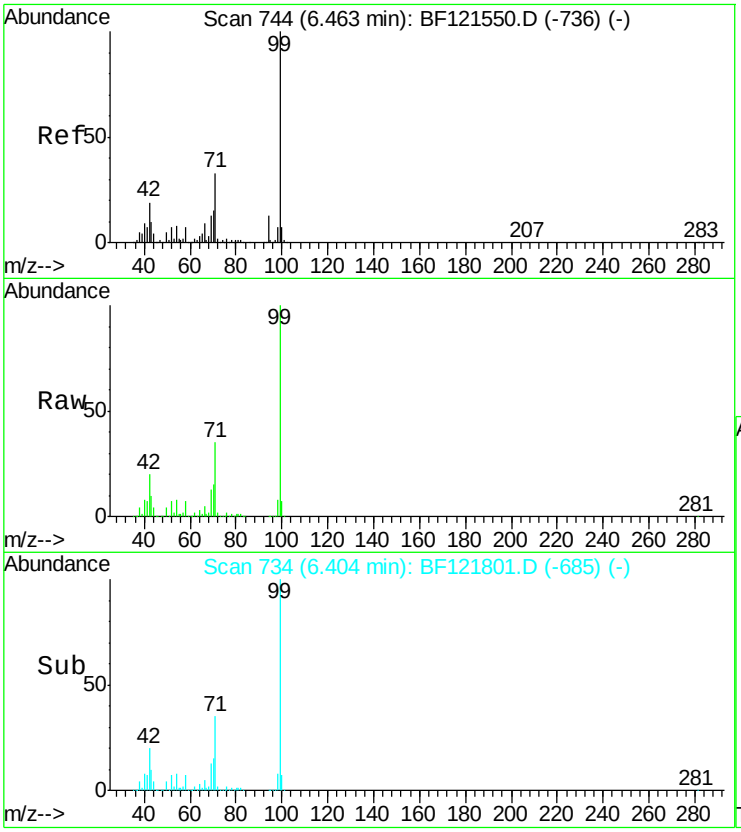


#5
2-Fluorophenol
Concen: 15.391 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Tgt Ion:112 Resp: 142791

Ion	Ratio	Lower	Upper
112	100		
64	61.2	50.4	75.6
63	29.9	25.8	38.6



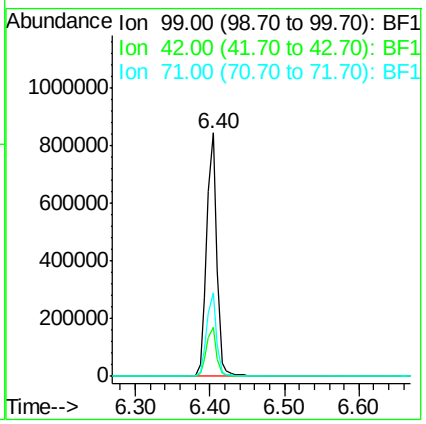


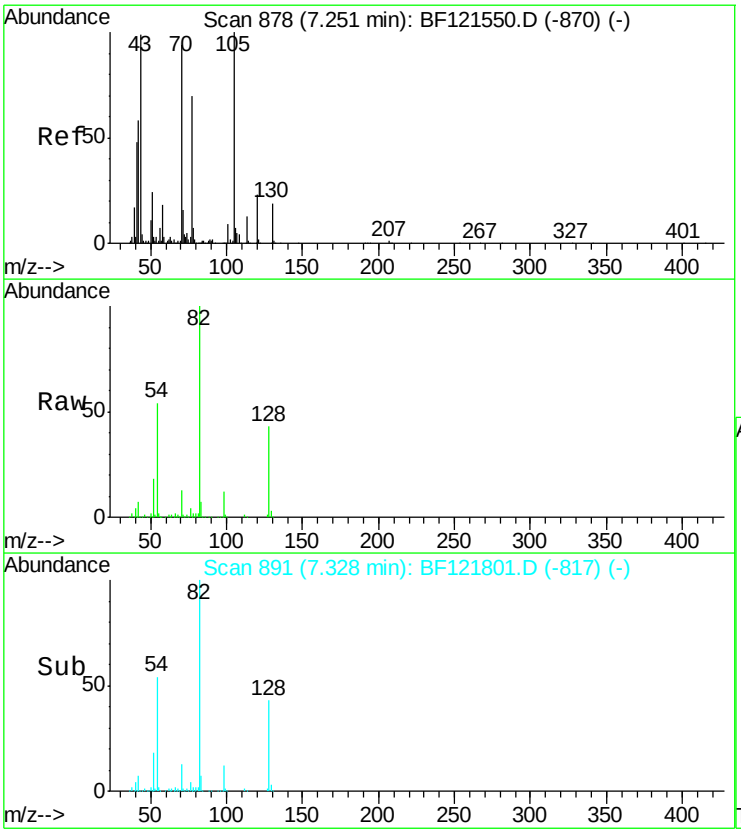
#7
Phenol-d6
Concen: 66.353 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Instrument :
BNA_F
ClientSampleId :
B-15(9-11)

Tgt Ion: 99 Resp: 807629

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.9	23.9
71	34.5	27.1	40.7

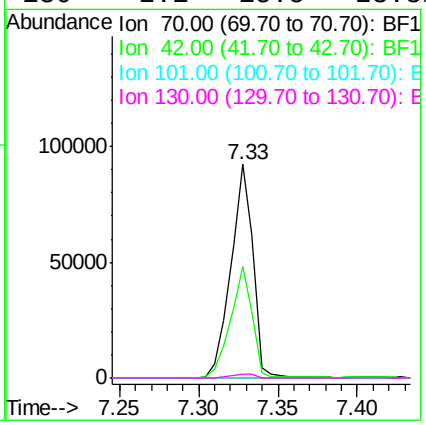


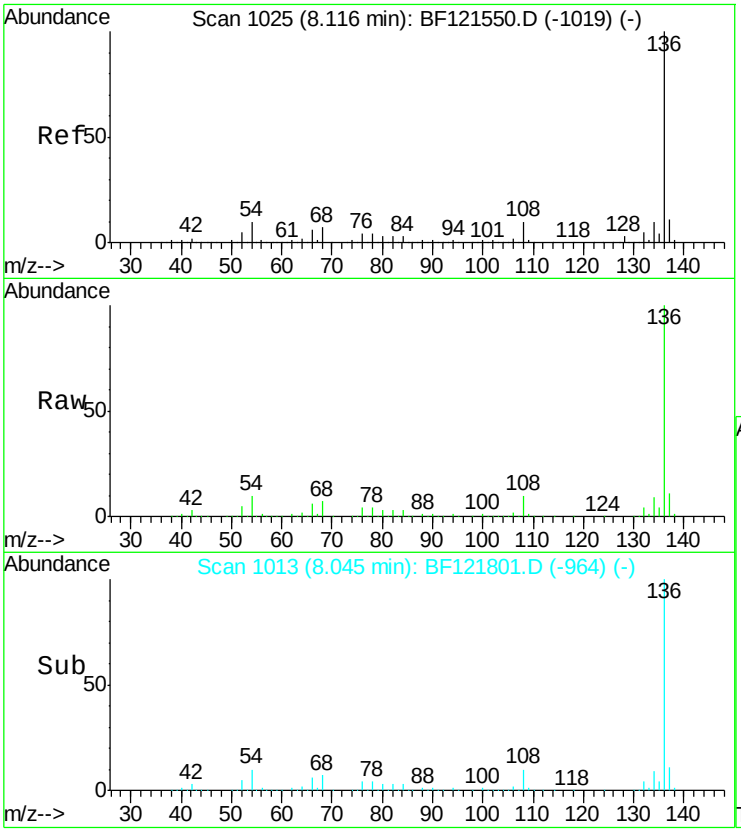


#19
n-Nitroso-di-n-propylamine
Concen: 12.778 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.14 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Tgt Ion: 70 Resp: 89633

Ion	Ratio	Lower	Upper
70	100		
42	52.2	50.2	75.4
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#



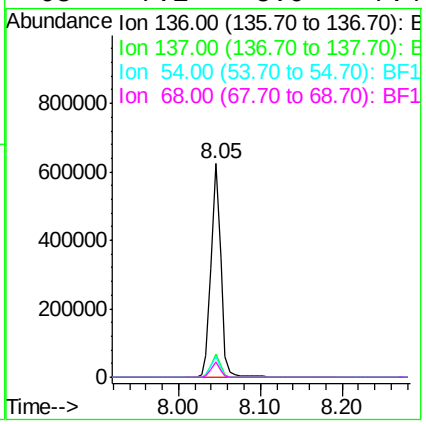


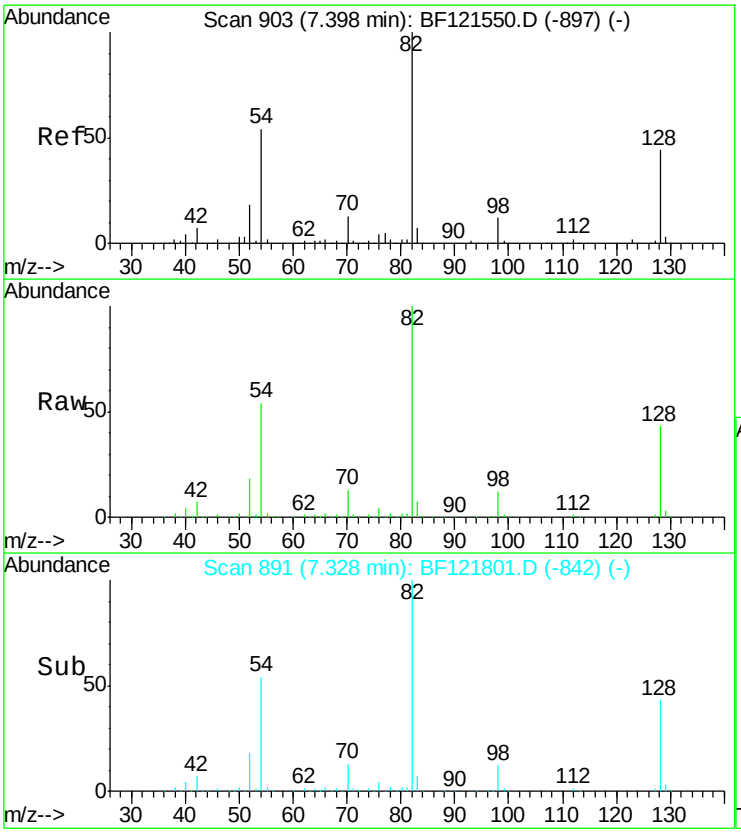
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Instrument :
BNA_F
ClientSampleId :
B-15(9-11)

Tgt Ion:136 Resp: 521206

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.6	7.1	10.7
68	7.1	5.0	7.4

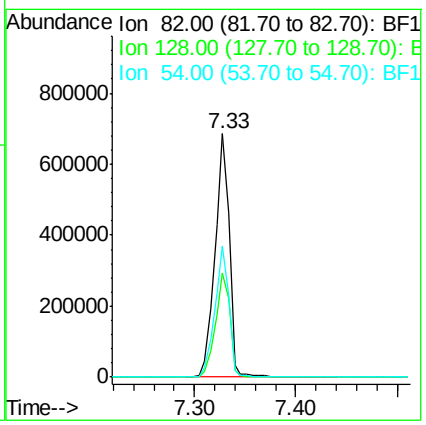


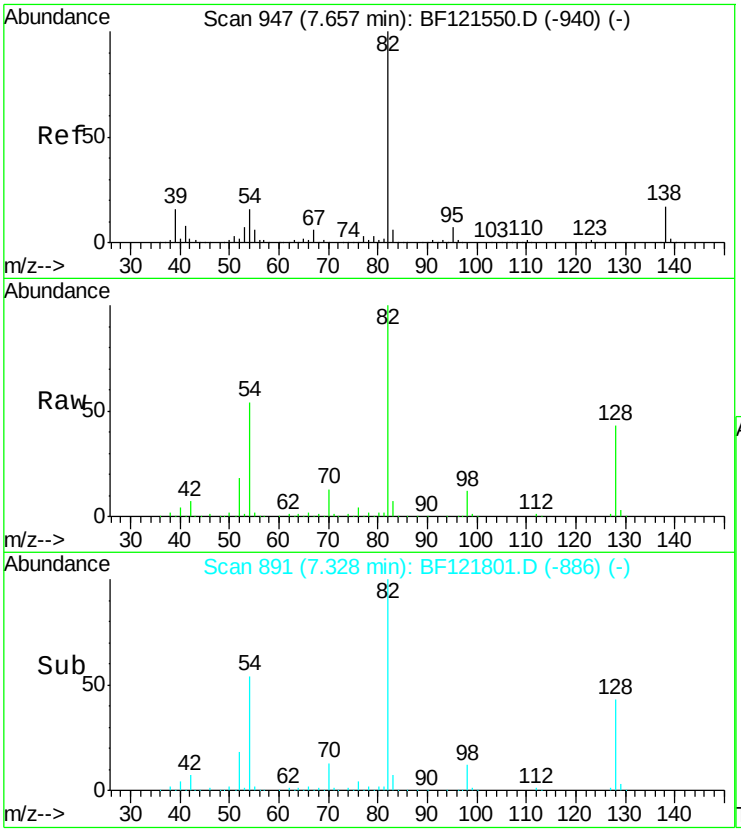


#23
Nitrobenzene-d5
Concen: 69.037 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Tgt Ion: 82 Resp: 670167

Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.0	52.4
54	54.0	43.9	65.9



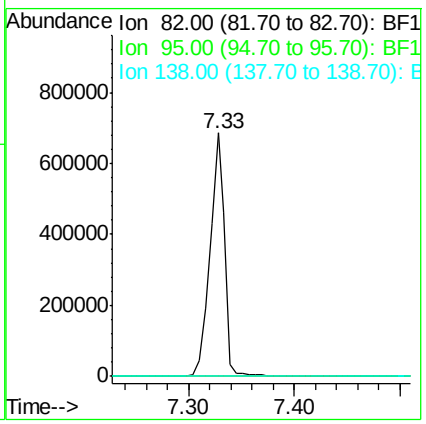


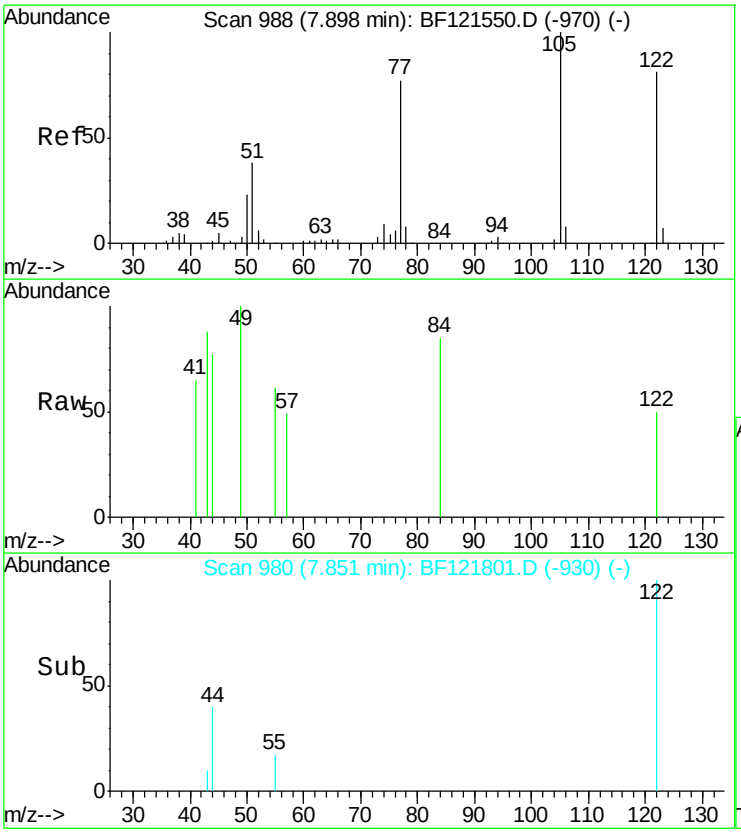
#25
Isophorone
Concen: 34.295 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.27 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Instrument :
BNA_F
ClientSampleId :
B-15(9-11)

Tgt Ion: 82 Resp: 670161

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

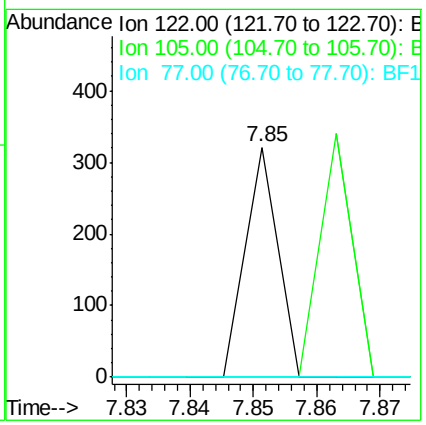


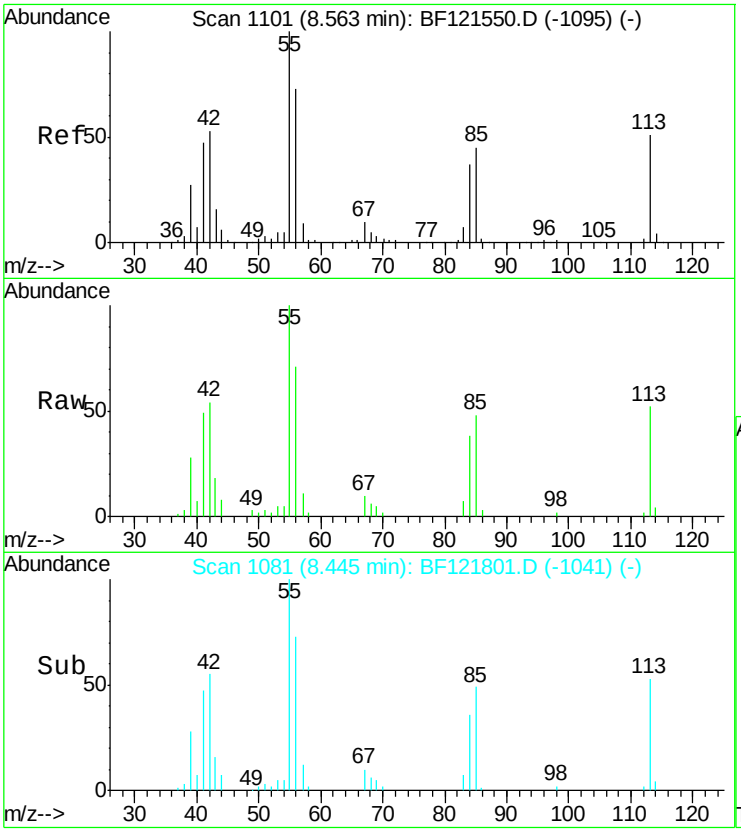


#32
Benzoic acid
Concen: 6.950 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Tgt Ion:122 Resp: 113

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	0.0	73.9	113.9#



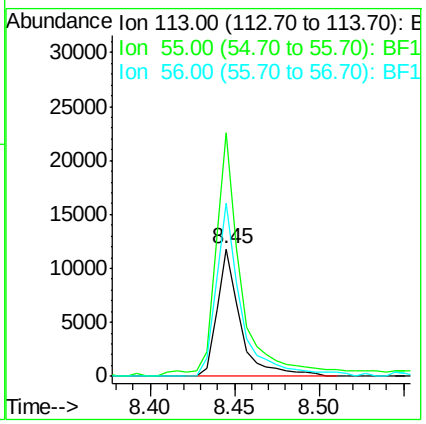


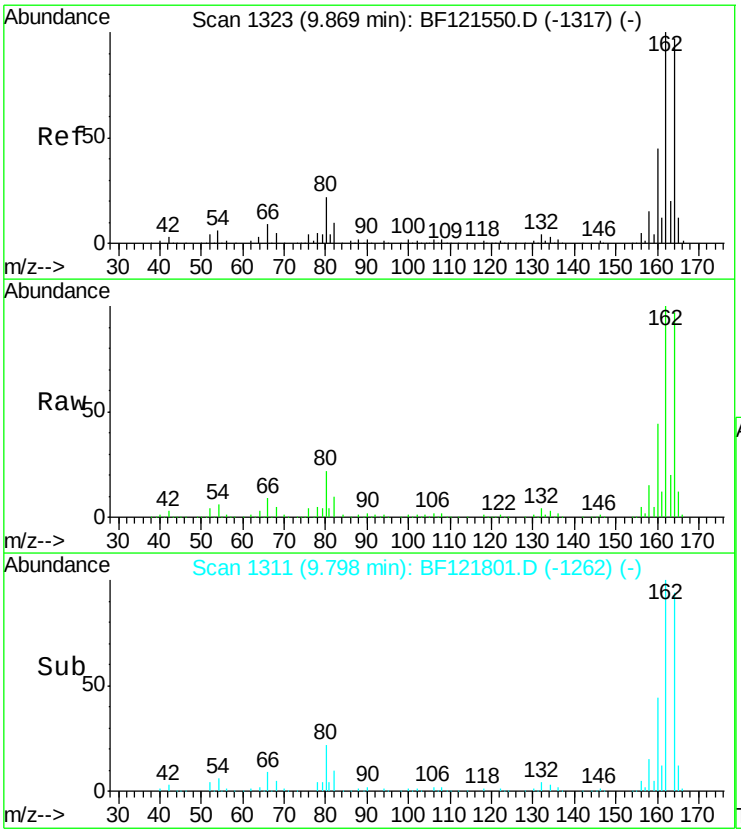
#35
Caprolactam
Concen: 4.305 ng
RT: 8.45 min Scan# 1081
Delta R.T. -0.06 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Instrument :
BNA_F
ClientSampleId :
B-15(9-11)

Tgt Ion:113 Resp: 11391

Ion	Ratio	Lower	Upper
113	100		
55	191.4	167.5	207.5
56	136.2	121.2	161.2

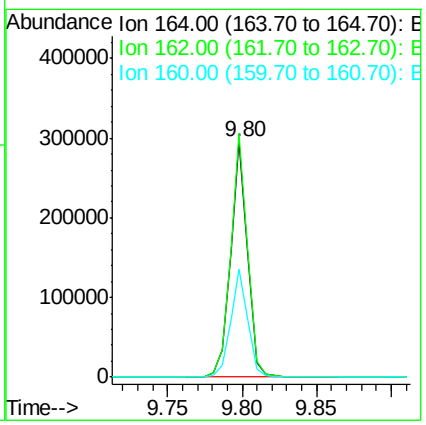


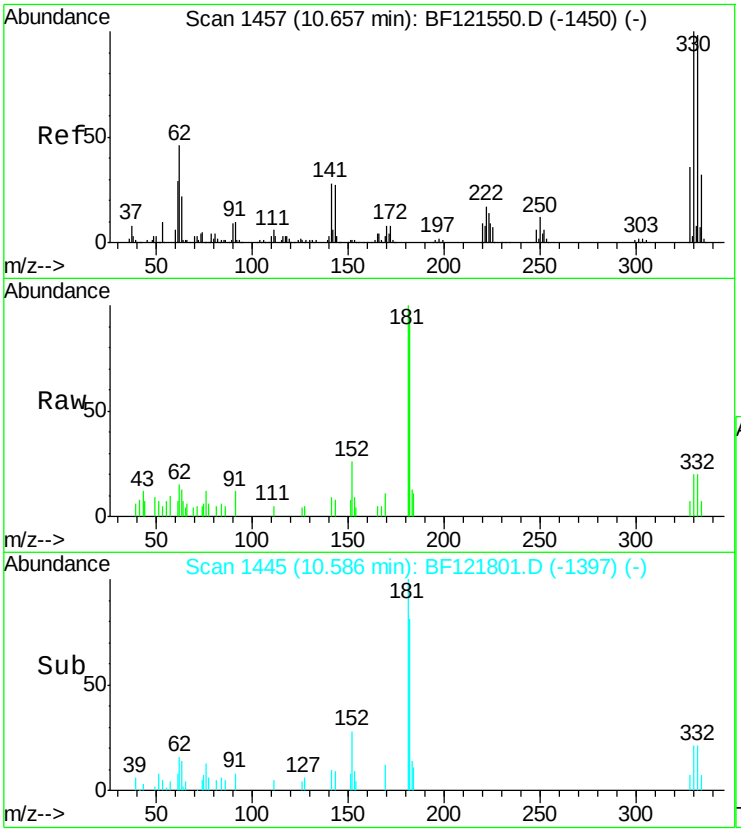


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Tgt Ion:164 Resp: 237538

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.2	124.8
160	45.7	37.5	56.3



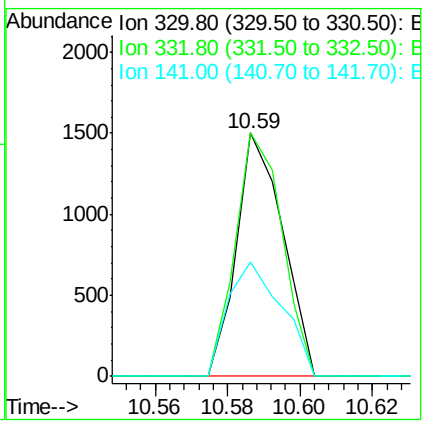


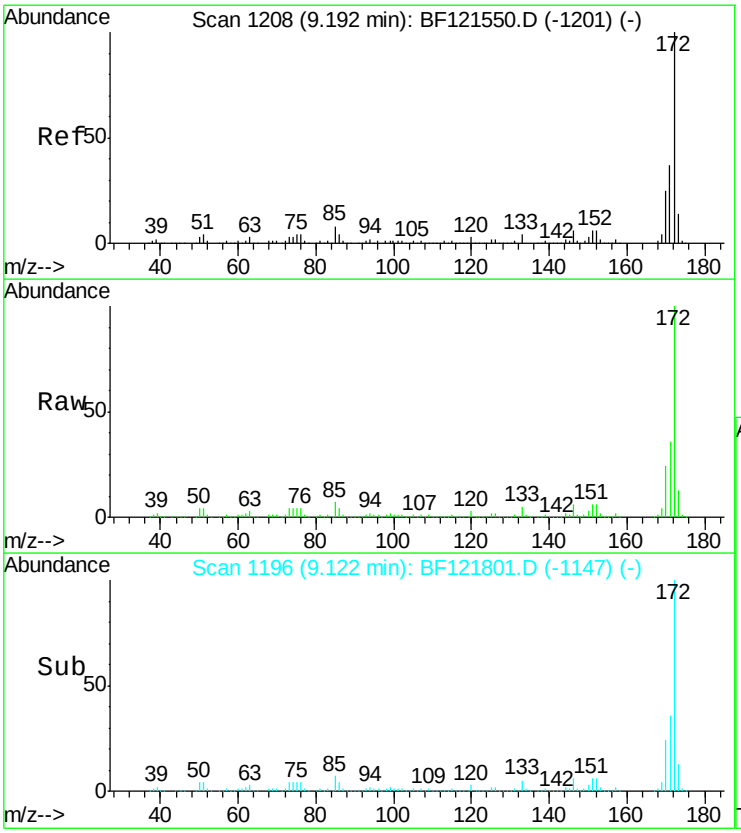
#42
2,4,6-Tribromophenol
Concen: 0.450 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Instrument :
BNA_F
ClientSampleId :
B-15(9-11)

Tgt Ion:330 Resp: 1329

Ion	Ratio	Lower	Upper
330	100		
332	101.0	77.3	115.9
141	54.6	22.3	33.5#

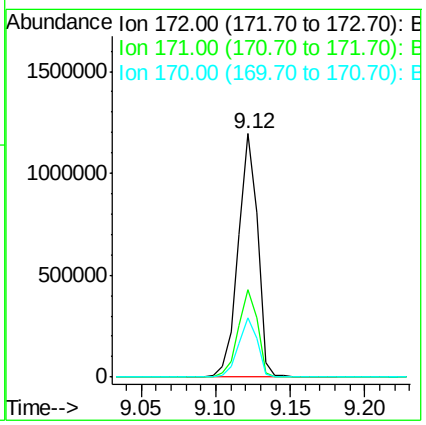


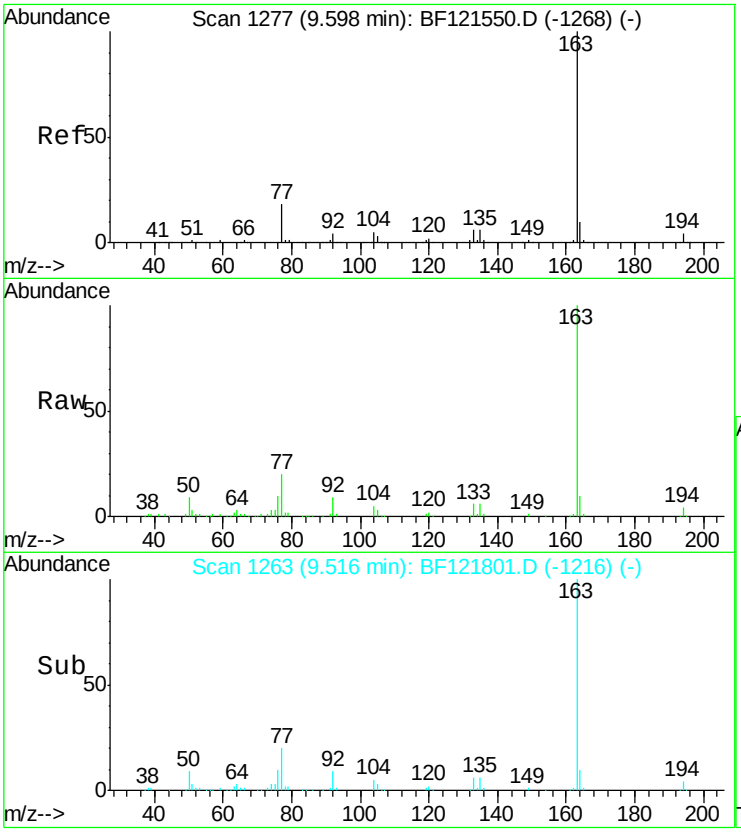


#45
2-Fluorobiphenyl
Concen: 69.419 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Tgt Ion:172 Resp: 1088761

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.1	43.7
170	24.4	19.8	29.6



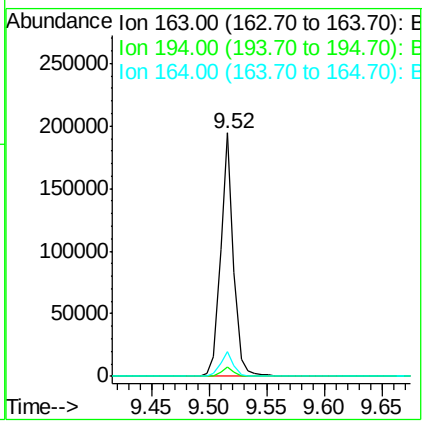


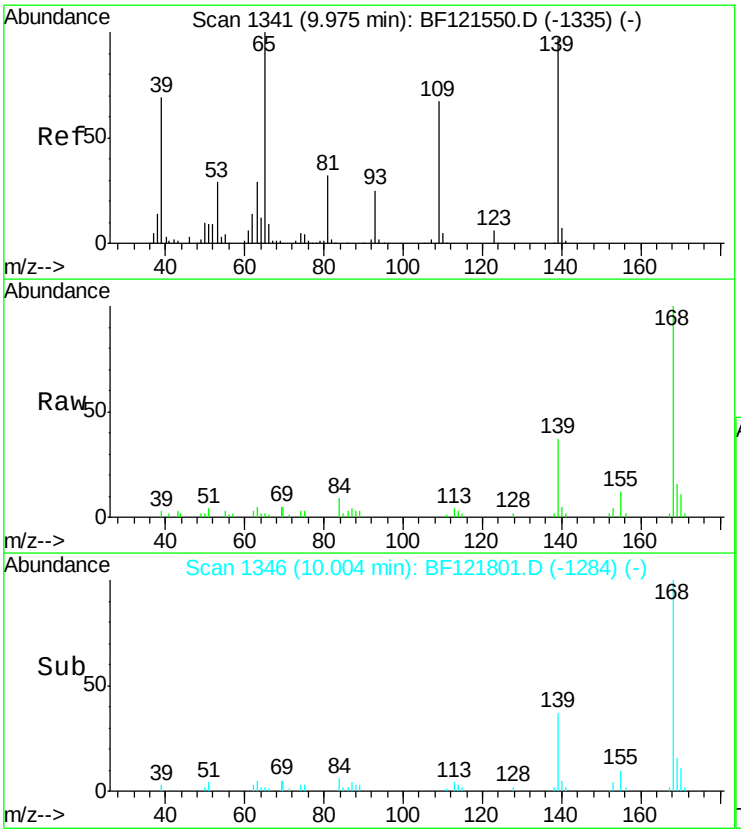
#50
Dimethylphthalate
Concen: 8.691 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Instrument :
BNA_F
ClientSampleId :
B-15(9-11)

Tgt Ion:163 Resp: 149631

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.0	8.2	12.4

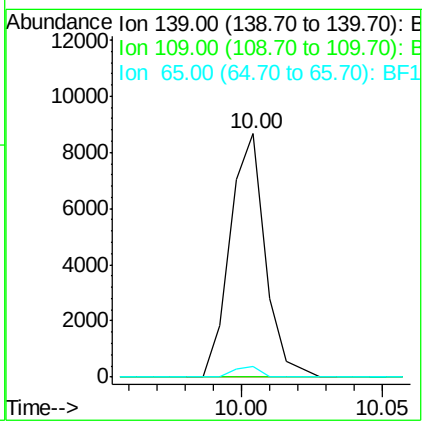


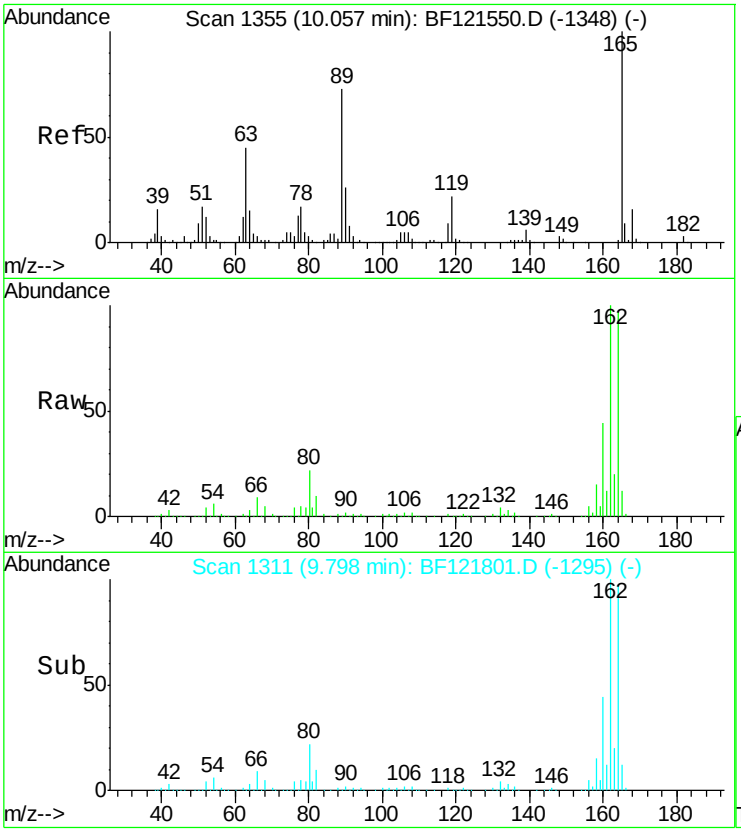


#56
4-Nitrophenol
Concen: 2.207 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.06 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Tgt Ion:139 Resp: 7477

Ion	Ratio	Lower	Upper
139	100		
109	0.0	45.4	85.4#
65	4.2	68.4	108.4#



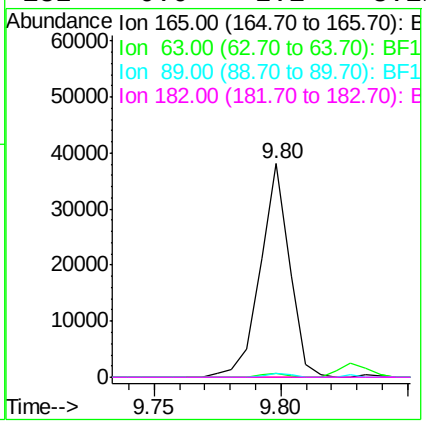


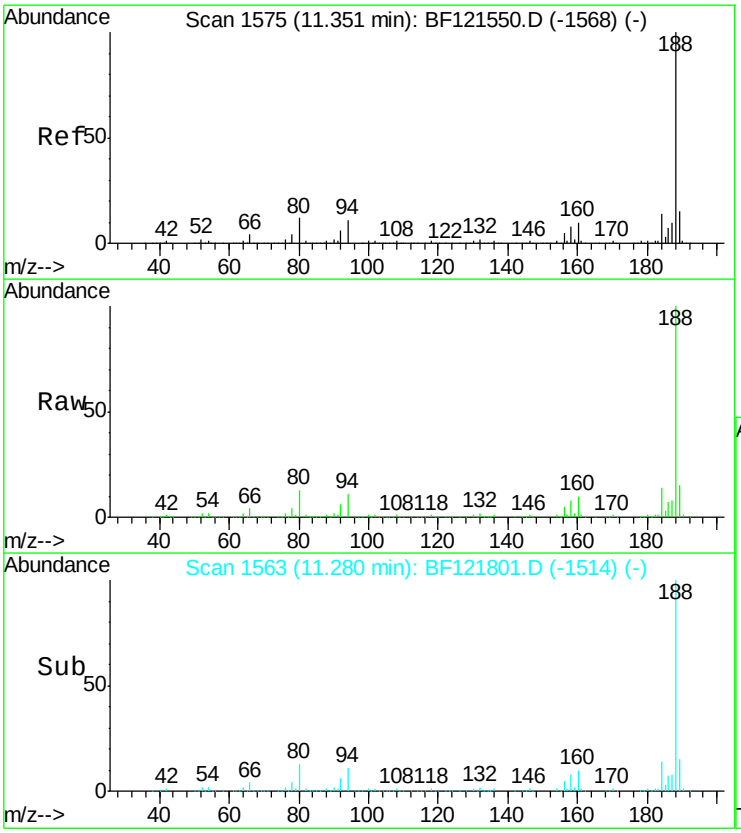
#57
2,4-Dinitrotoluene
Concen: 6.691 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Instrument :
BNA_F
ClientSampleId :
B-15(9-11)

Tgt Ion:165 Resp: 30865

Ion	Ratio	Lower	Upper
165	100		
63	1.7	41.3	61.9#
89	1.7	61.8	92.8#
182	0.0	2.1	3.1#

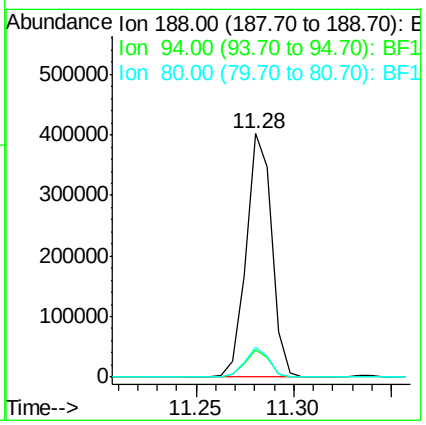


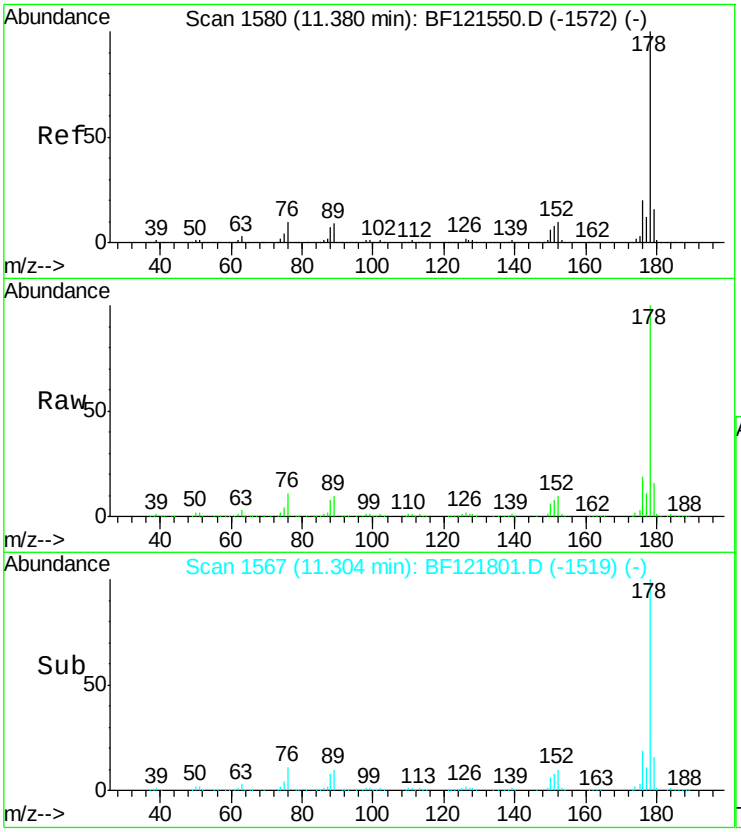


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Tgt Ion:188 Resp: 362979

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.3	12.5
80	12.5	9.1	13.7



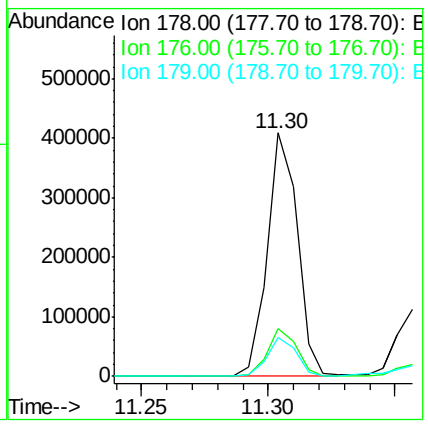


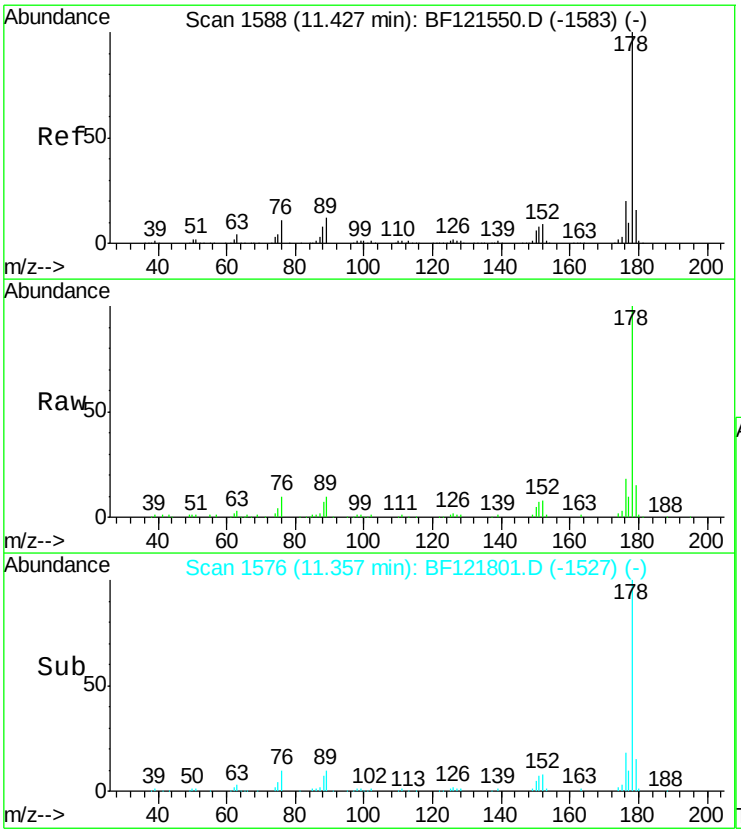
#71
Phenanthrene
Concen: 17.020 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Instrument :
BNA_F
ClientSampleId :
B-15(9-11)

Tgt Ion:178 Resp: 336606

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.7	12.2	18.4

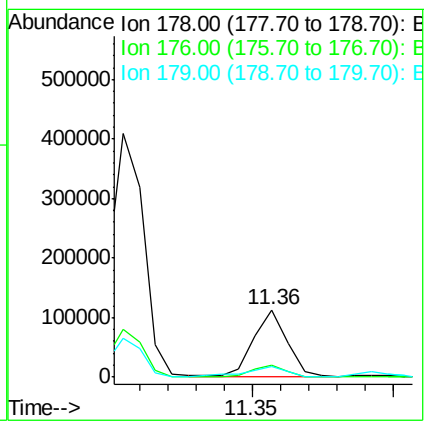


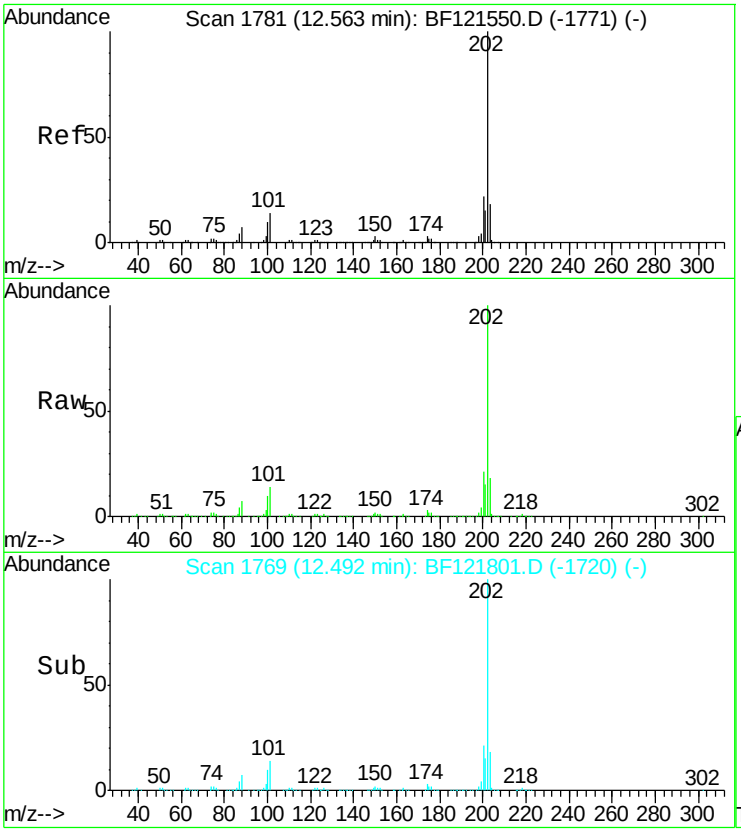


#72
Anthracene
Concen: 4.488 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Tgt Ion:178 Resp: 91590

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.7	23.5
179	15.1	12.7	19.1



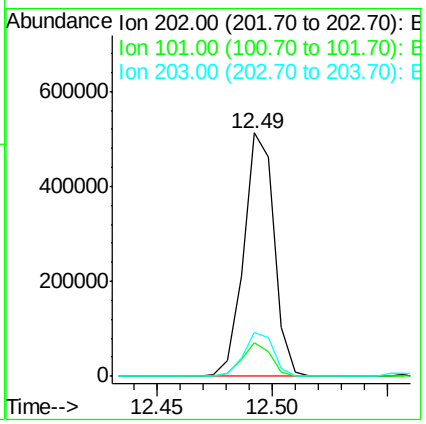


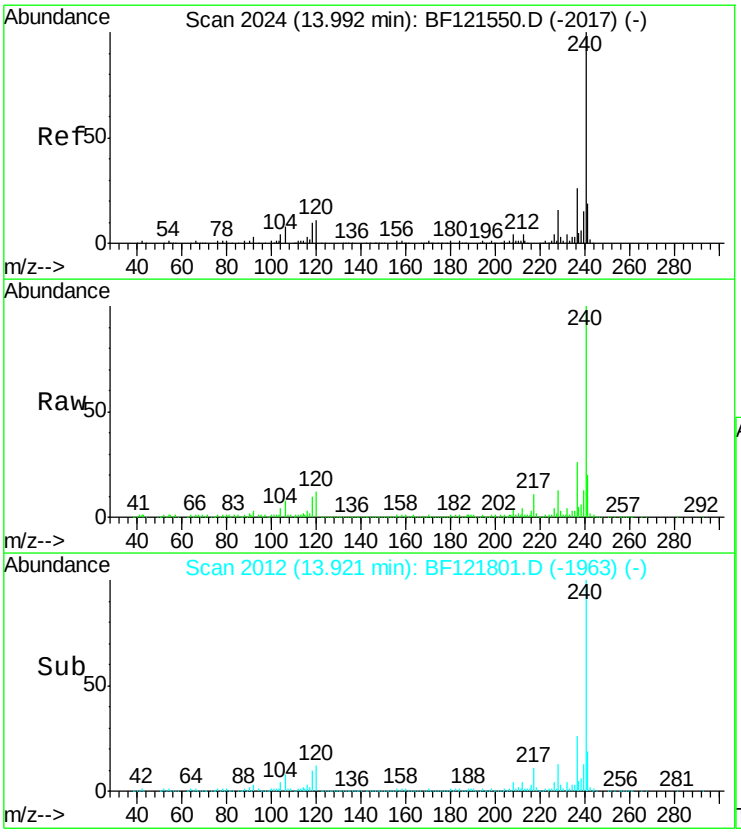
#75
Fluoranthene
Concen: 22.273 ng
RT: 12.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Instrument :
BNA_F
ClientSampleId :
B-15(9-11)

Tgt Ion:202 Resp: 470216

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.4
203	17.9	0.0	37.9

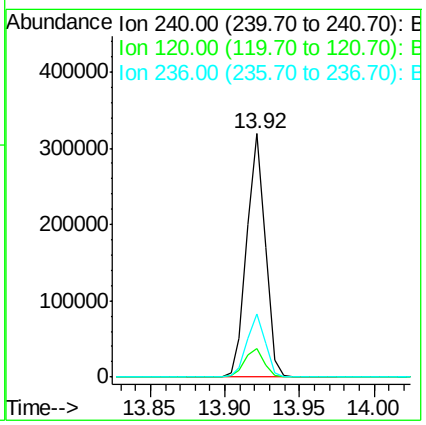


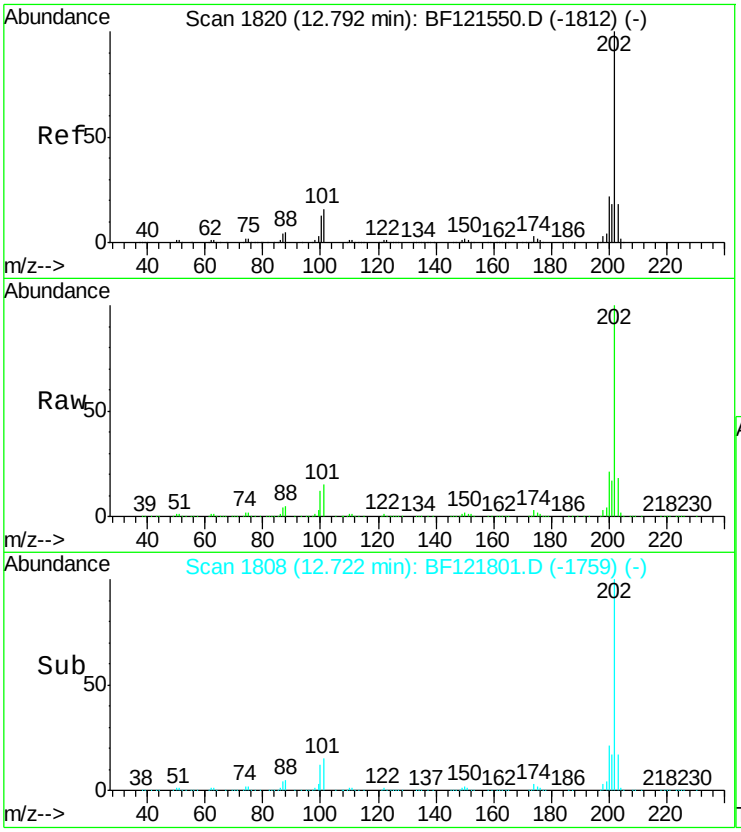


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Tgt Ion:240 Resp: 275315

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.2	13.8
236	25.8	20.9	31.3



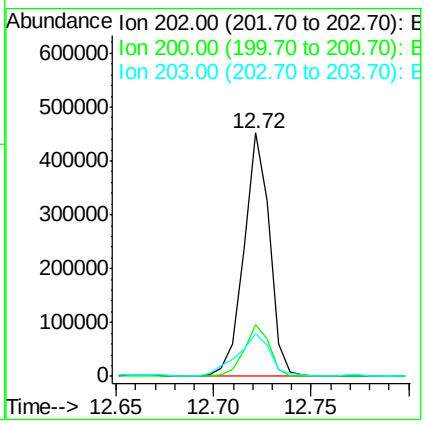


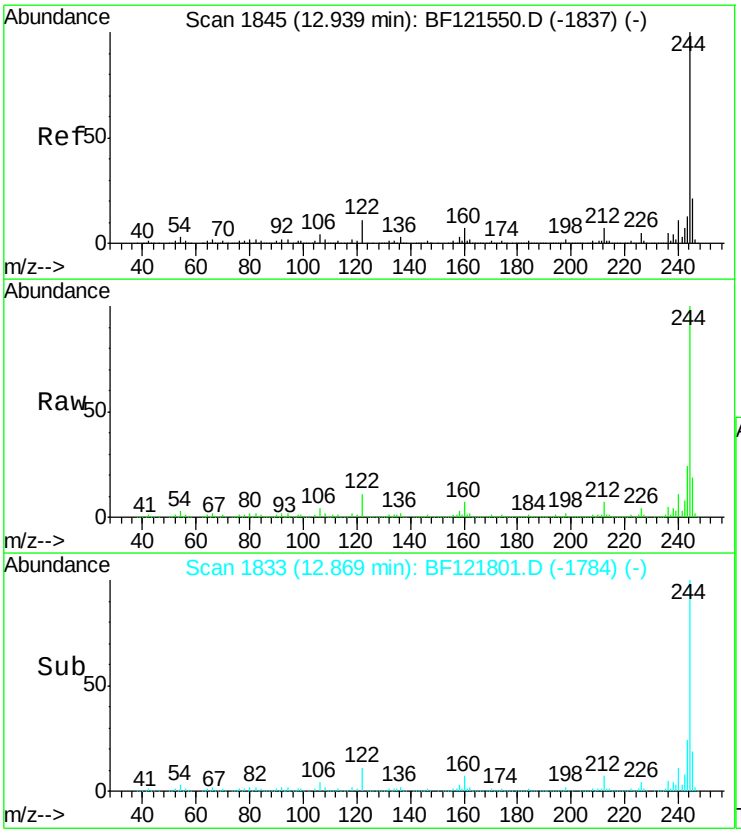
#78
Pyrene
Concen: 20.431 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Instrument :
BNA_F
ClientSampleId :
B-15(9-11)

Tgt Ion:202 Resp: 410984

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.6	14.6	21.8

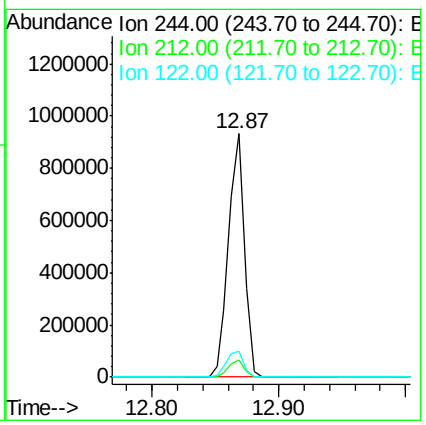


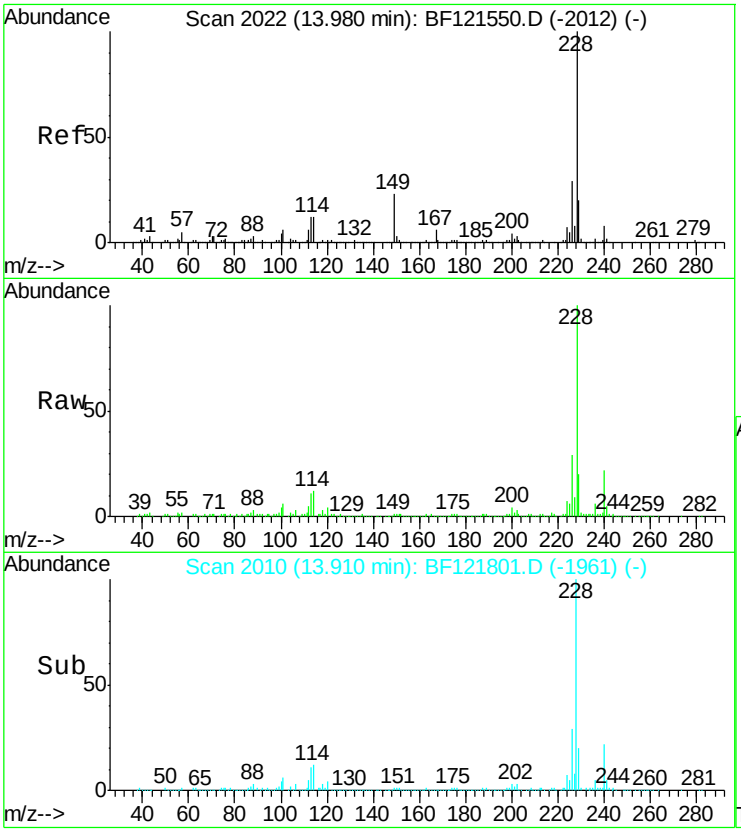


#79
Terphenyl-d14
Concen: 59.510 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Tgt Ion:244 Resp: 808725

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	10.8	8.1	12.1



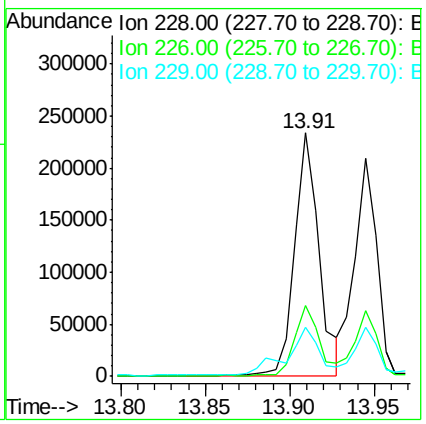


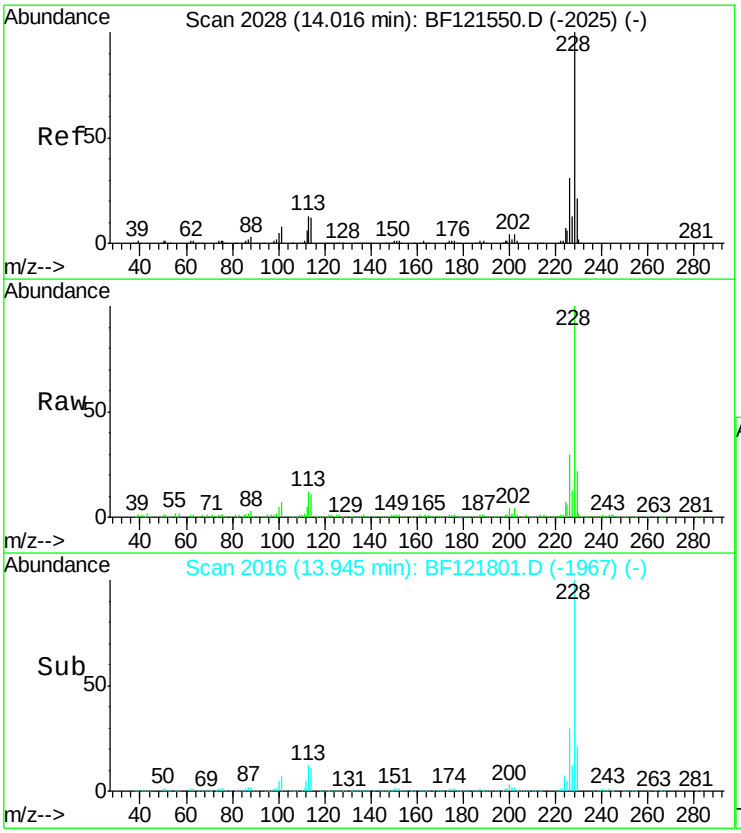
#81
Benzo(a)anthracene
Concen: 13.515 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Instrument :
BNA_F
ClientSampleId :
B-15(9-11)

Tgt Ion:228 Resp: 235395

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.3	33.5
229	20.2	16.2	24.4

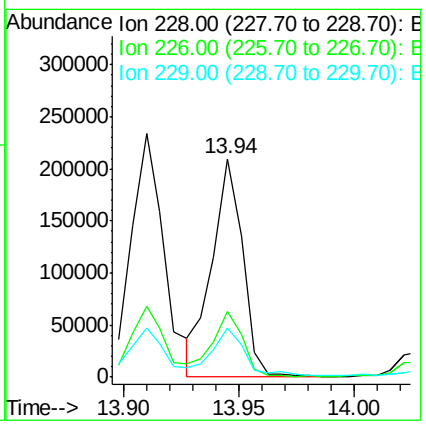


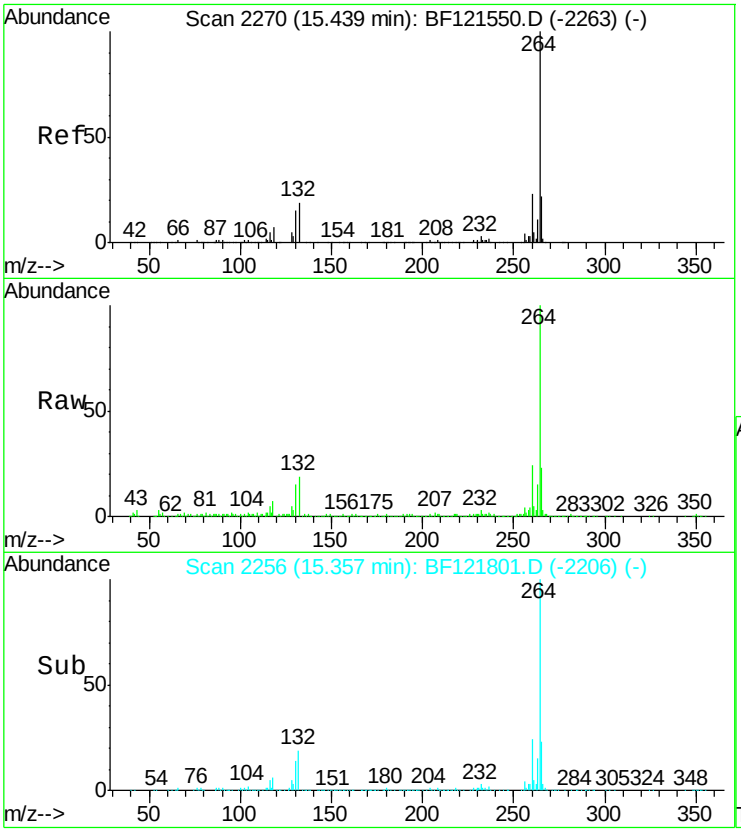


#83
Chrysene
Concen: 10.915 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Tgt Ion:228 Resp: 192522

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	22.3	15.9	23.9



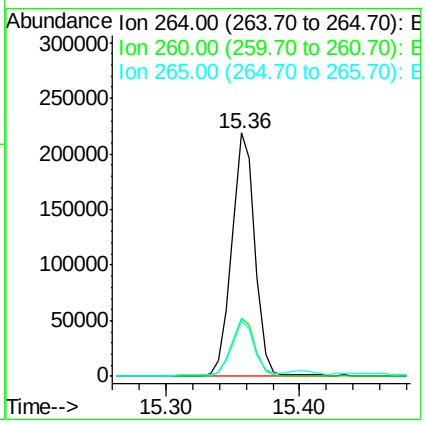


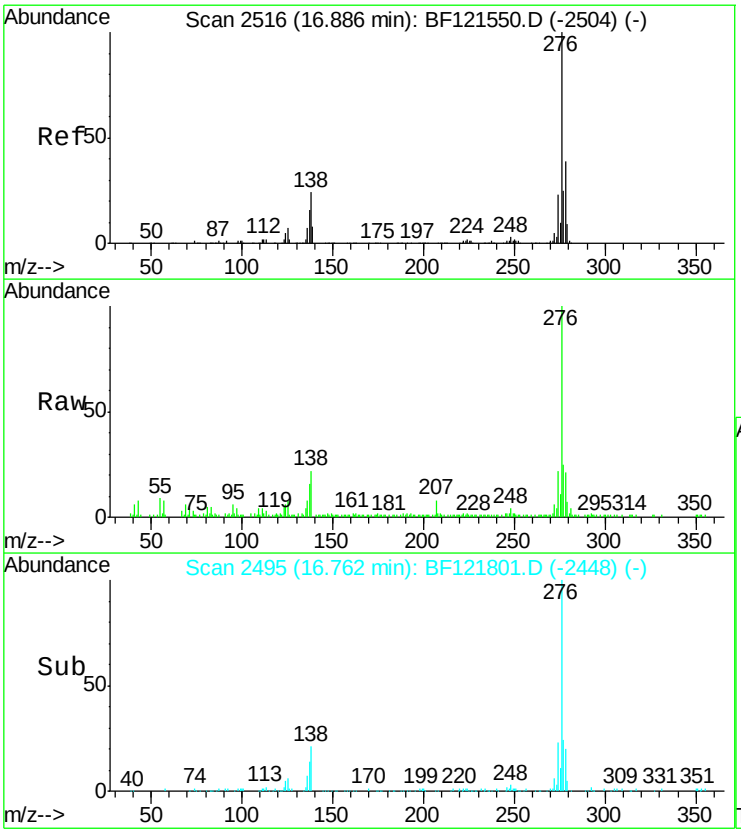
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Instrument :
BNA_F
ClientSampleId :
B-15(9-11)

Tgt Ion:264 Resp: 263650

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.8	17.3	25.9

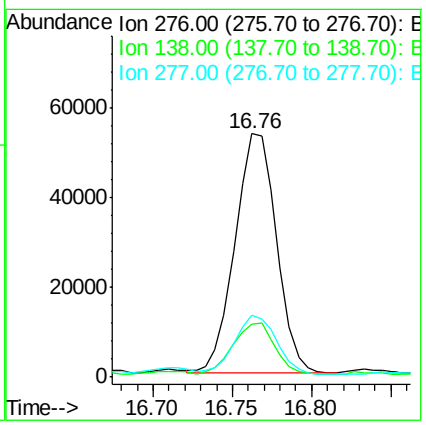


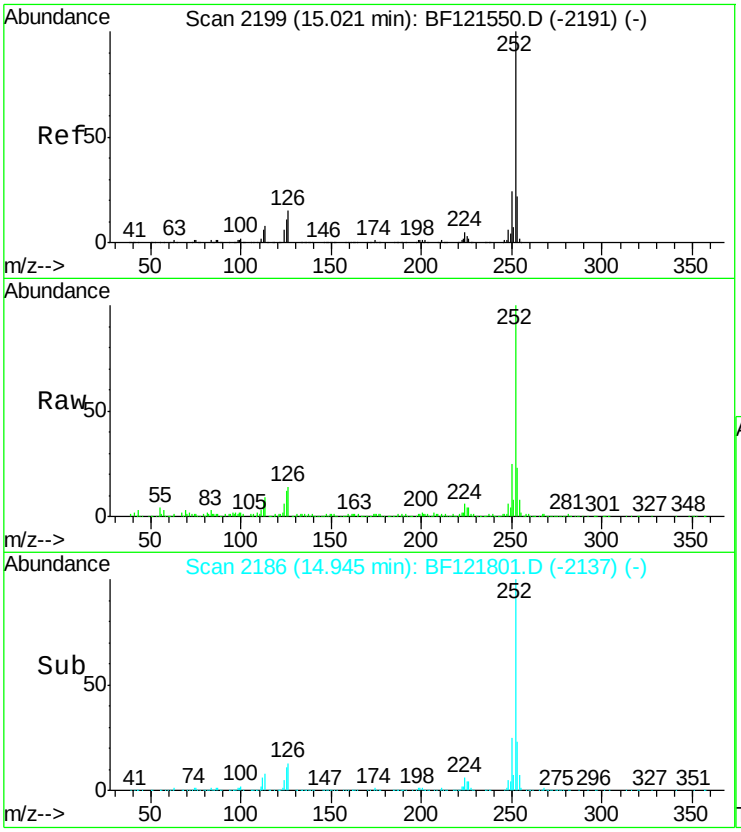


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.685 ng
RT: 16.76 min Scan# 2495
Delta R.T. -0.02 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Tgt Ion:276 Resp: 97616

Ion	Ratio	Lower	Upper
276	100		
138	22.3	19.9	29.9
277	25.3	20.4	30.6



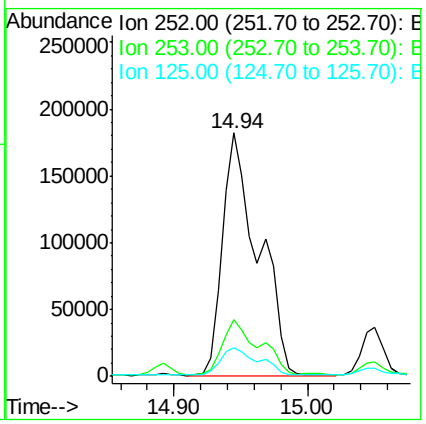


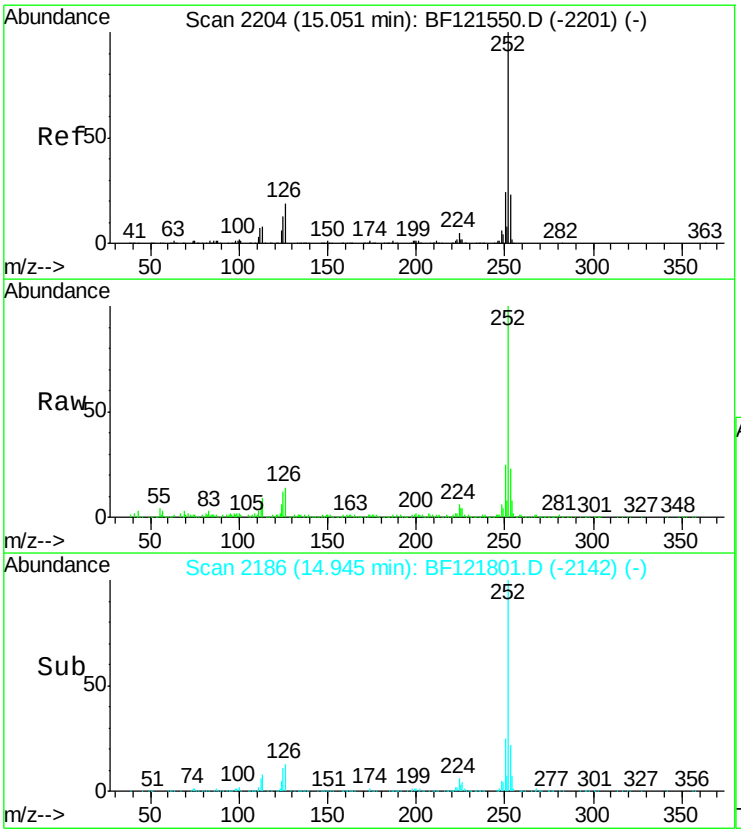
#88
Benzo(b)fluoranthene
Concen: 19.239 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Instrument :
BNA_F
ClientSampleId :
B-15(9-11)

Tgt Ion:252 Resp: 339090

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	11.7	8.0	12.0

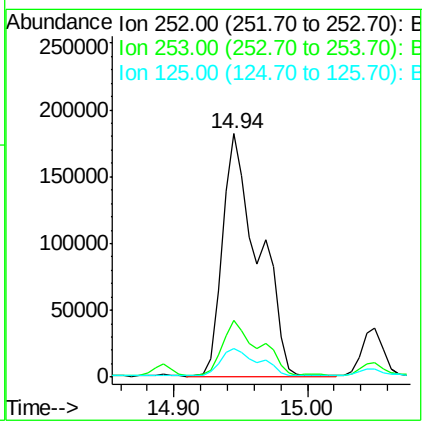


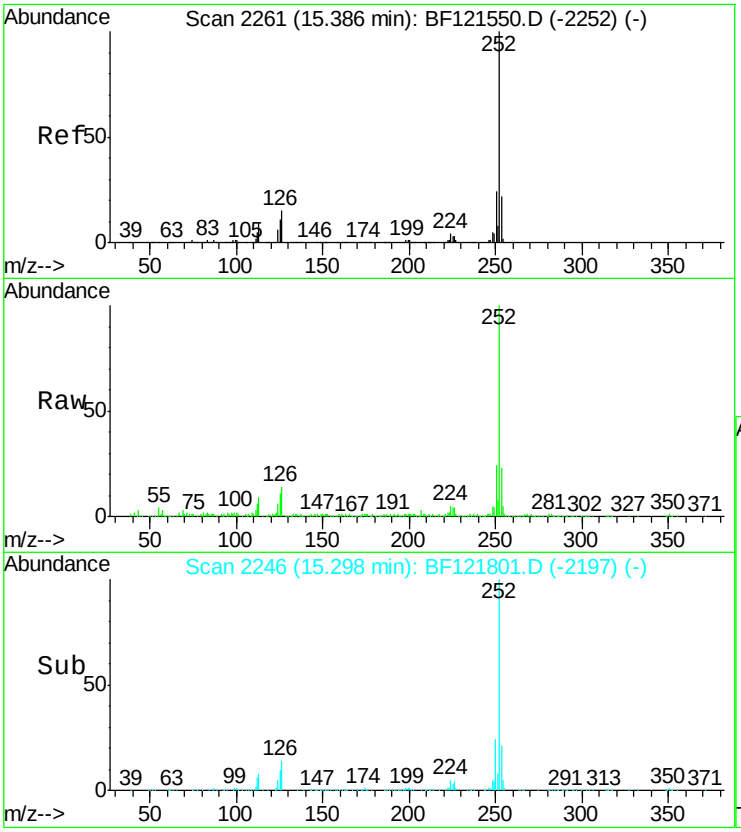


#89
Benzo(k)fluoranthene
Concen: 21.009 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.04 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Tgt Ion:252 Resp: 339090

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	11.7	7.7	11.5#



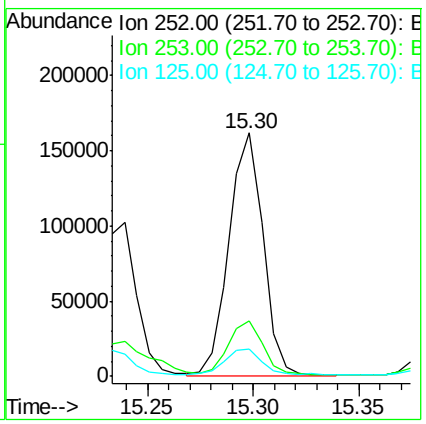


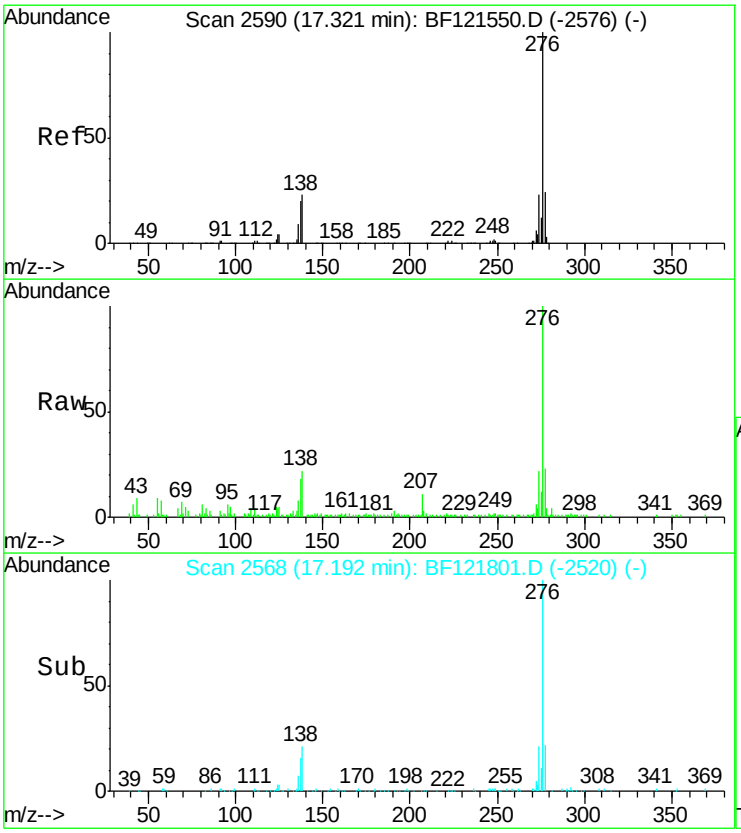
#90
Benzo(a)pyrene
Concen: 11.978 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Instrument :
BNA_F
ClientSampleId :
B-15(9-11)

Tgt Ion:252 Resp: 179454

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	11.0	8.6	13.0





#92
Benzo(g,h,i)perylene
Concen: 6.527 ng
RT: 17.19 min Scan# 2568
Delta R.T. -0.02 min
Lab File: BF121801.D
Acq: 2 Oct 2020 18:46

Tgt Ion:276 Resp: 91696

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.4	29.2
138	22.2	17.8	26.6