Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110111.D
Acq On : 24 Oct 2018 13:31
Operator : JU/SJ
Sample : J5610-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 25 02:10:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	184440	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	678974	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	274738	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	423348	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	333278	20.00	ng		-0.01
87) Perylene-d12	15.67	264	231120	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1046549	92.40	ng		0.00
7) Phenol-d6	6.59	99	1325131	91.47	ng		-0.01
23) Nitrobenzene-d5	7.53	82	797386	69.66	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	211710	77.79	ng		-0.02
45) 2-Fluorobiphenyl	9.33	172	1277814	73.03	ng		-0.01
79) Terphenyl-d14	13.09	244	948993	59.22	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.60	94	135570	8.755	ng	#	74
19) n-Nitroso-di-n-propylamine	7.53	70	105494	11.351	ng	#	80
25) Isophorone	7.53	82	795186	40.751	ng	#	67
50) Dimethylphthalate	9.72	163	242566	11.961	ng		100
57) 2,4-Dinitrotoluene	10.01	165	35242	6.351	ng	#	19
67) 4-Bromophenyl-phenylether	10.80	248	13613	2.964	ng	#	1
71) Phenanthrene	11.53	178	164223	7.414	ng		98
75) Fluoranthene	12.72	202	252437	11.229	ng		100
78) Pyrene	12.95	202	230715	9.656	ng		97
81) Benzo(a)anthracene	14.17	228	118448	5.993	ng		97
83) Chrysene	14.17	228	118448	6.310	ng		98
84) Bis(2-ethylhexyl)phthalate	14.11	149	33987	2.424	ng	#	94
86) Indeno(1,2,3-cd)pyrene	17.23	276	52350	3.362	ng		98
88) Benzo(b)fluoranthene	15.22	252	164979	12.361	ng	#	90
89) Benzo(k)fluoranthene	15.22	252	164979	12.574	ng	#	89
90) Benzo(a)pyrene	15.60	252	83716	6.817	ng	#	93
92) Benzo(g,h,i)perylene	17.72	276	47411	4.540	ng	#	87

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

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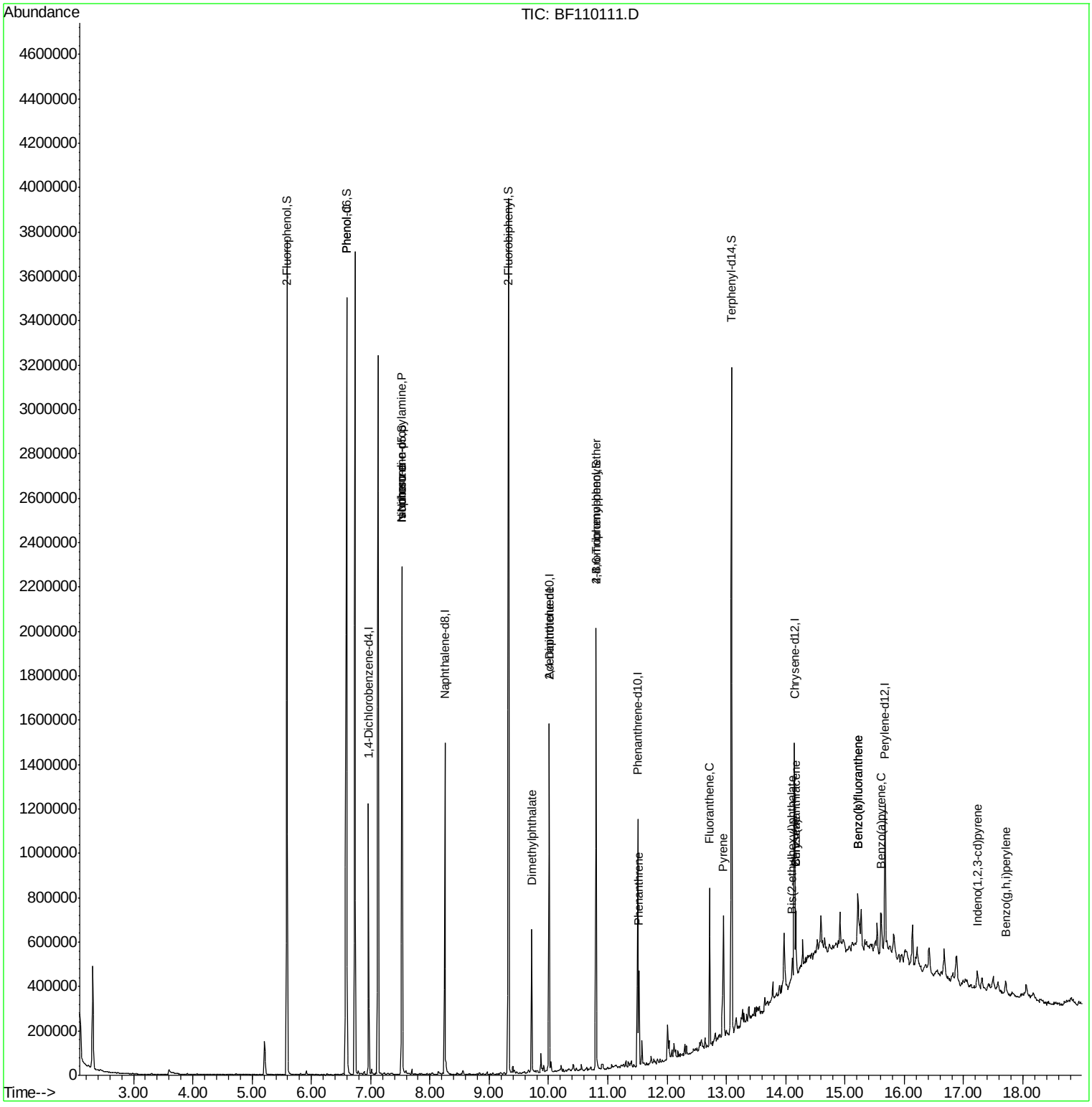
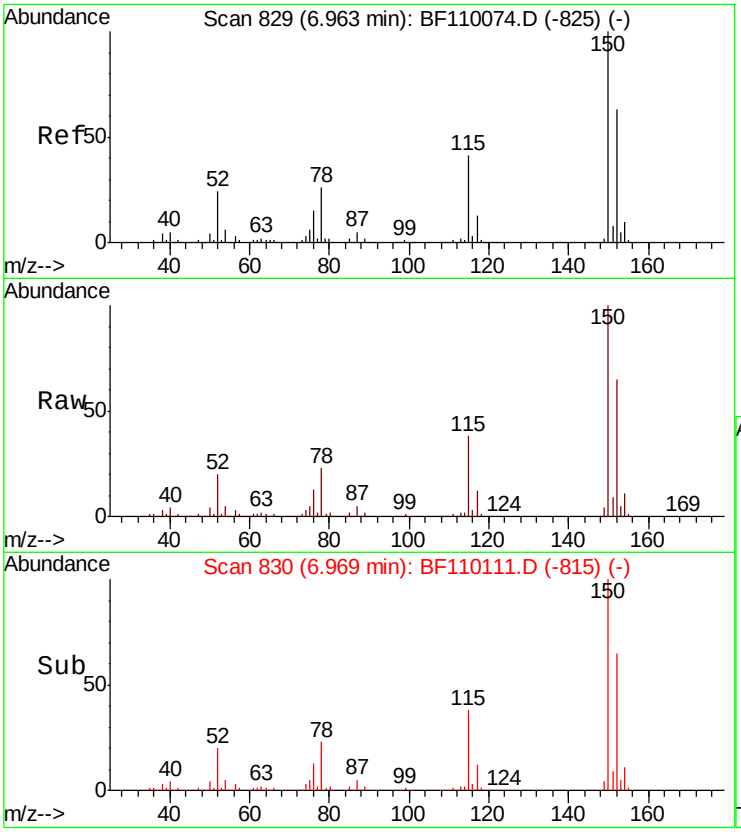


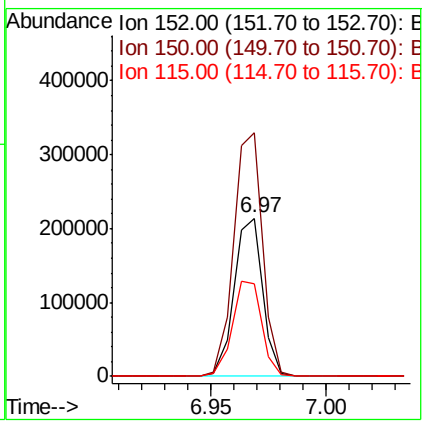


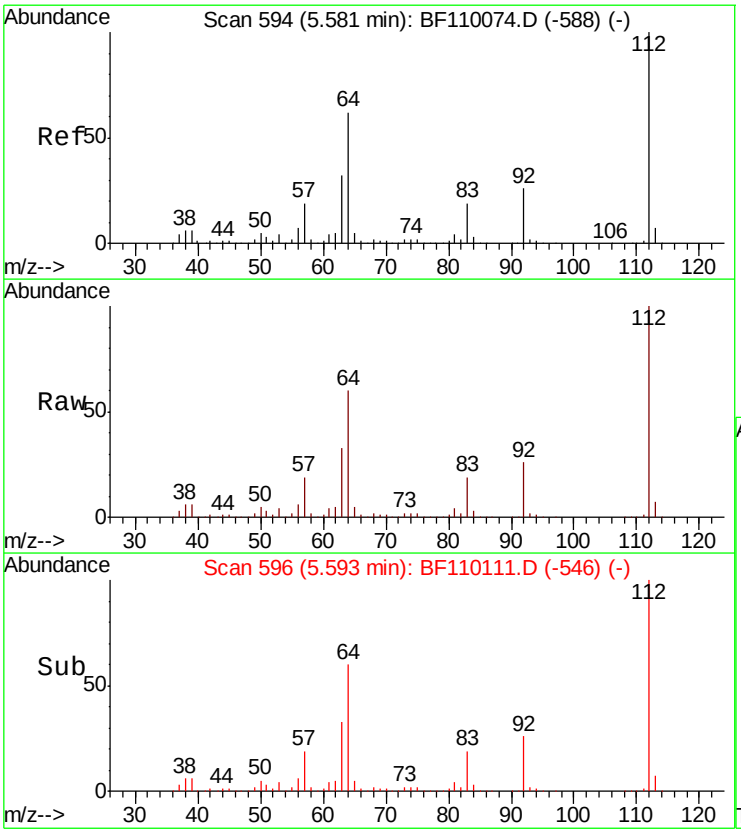
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 184440

Ion	Ratio	Lower	Upper
152	100		
150	153.7	122.7	184.1
115	58.3	49.1	73.7

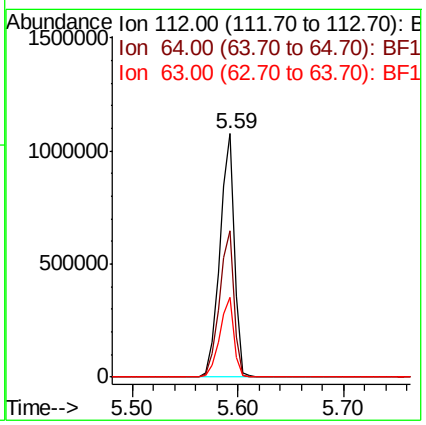


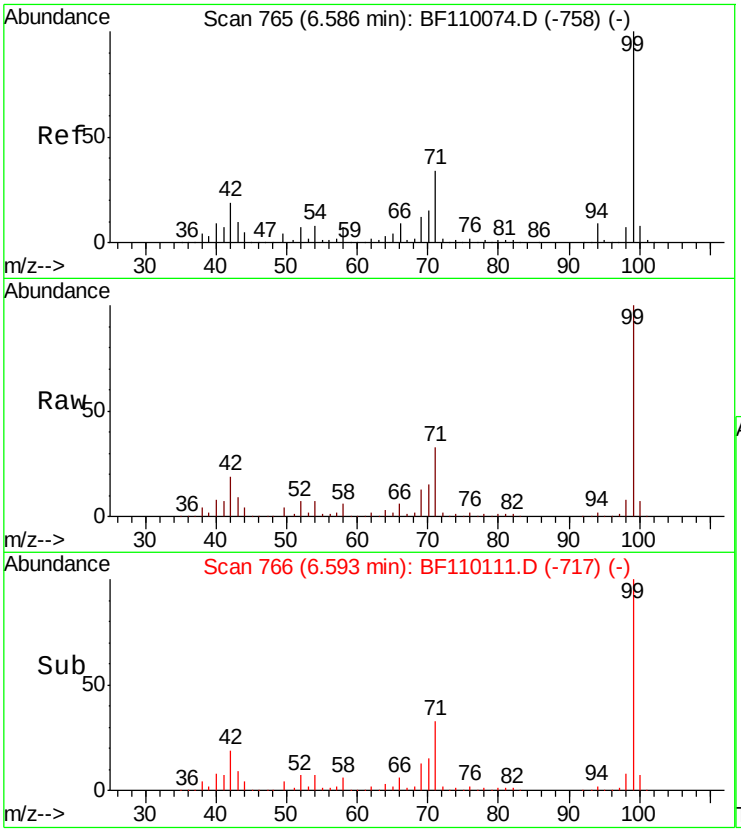


#5
2-Fluorophenol
Concen: 92.402 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Tgt Ion:112 Resp: 1046549

Ion	Ratio	Lower	Upper
112	100		
64	59.8	44.1	66.1
63	32.6	23.7	35.5



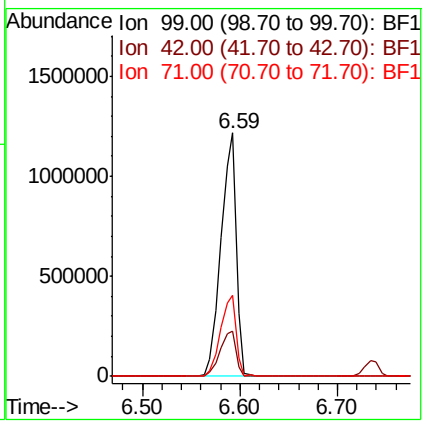


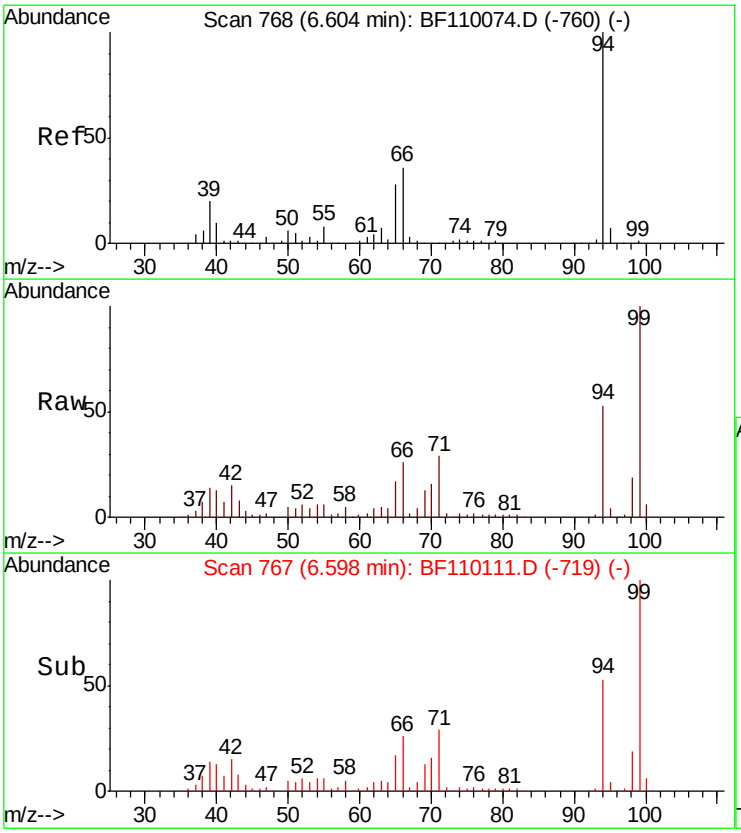
#7
Phenol-d6
Concen: 91.471 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1325131

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.8	23.6
71	33.4	28.0	42.0

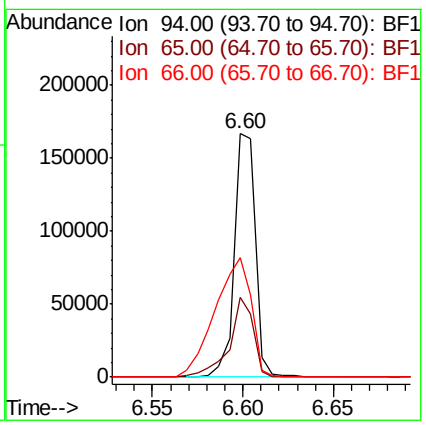


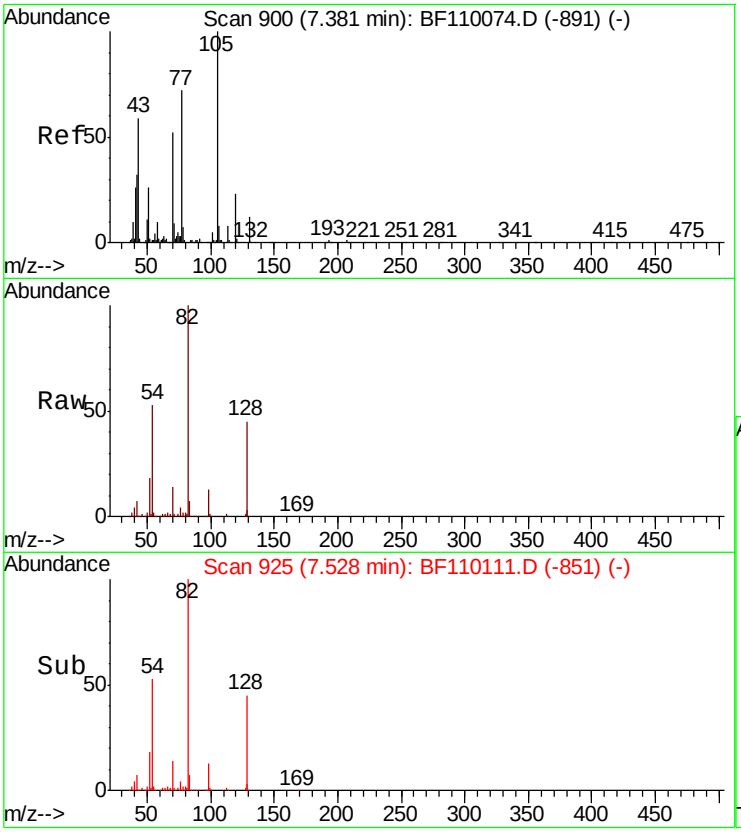


#10
Phenol
Concen: 8.755 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Tgt Ion: 94 Resp: 135570

Ion	Ratio	Lower	Upper
94	100		
65	32.9	25.3	65.3
66	48.9	54.5	94.5#



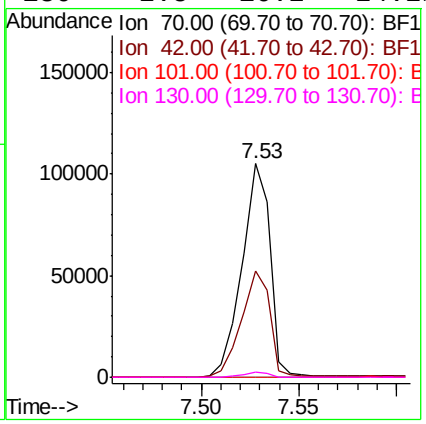


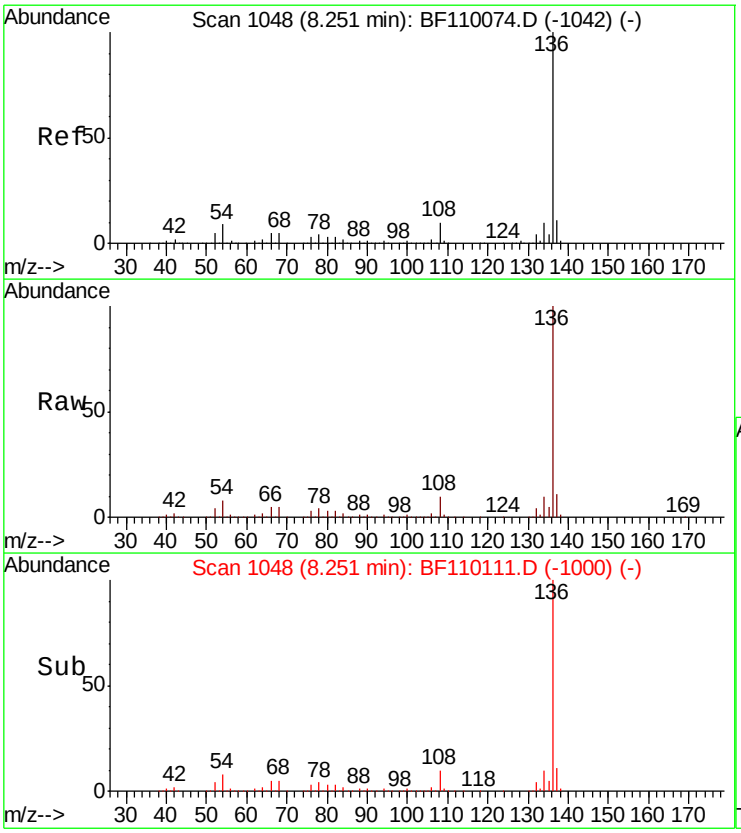
#19
n-Nitroso-di-n-propylamine
Concen: 11.351 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 105494

Ion	Ratio	Lower	Upper
70	100		
42	50.0	47.4	71.2
101	0.0	7.3	10.9#
130	2.5	16.2	24.2#

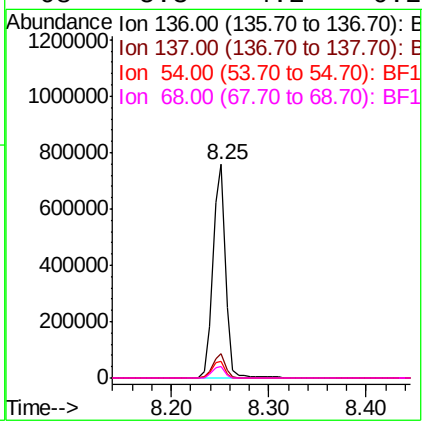


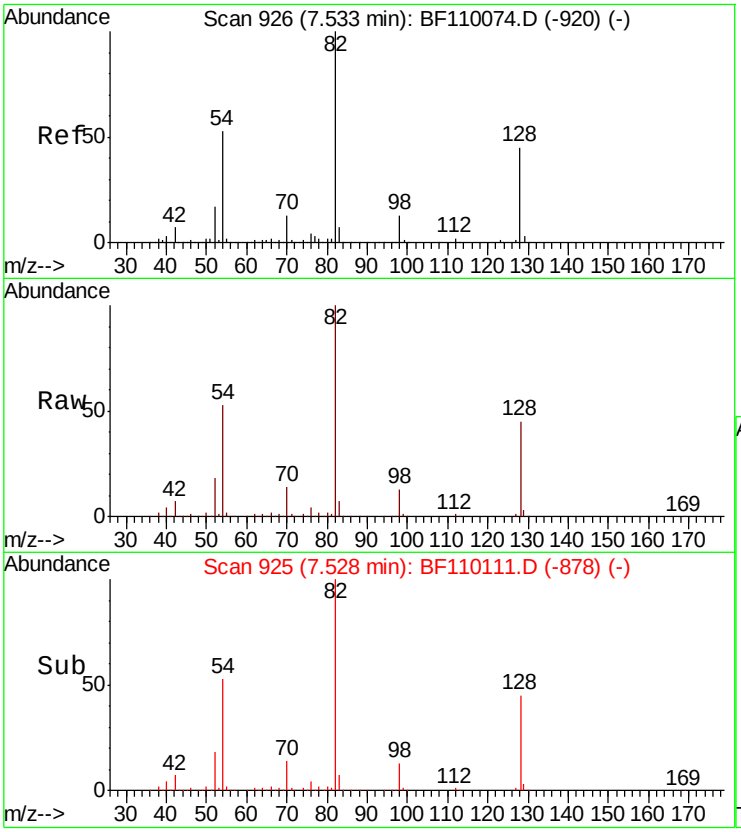


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Tgt Ion:136 Resp: 678974

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.6	5.4	8.2
68	5.3	4.2	6.2



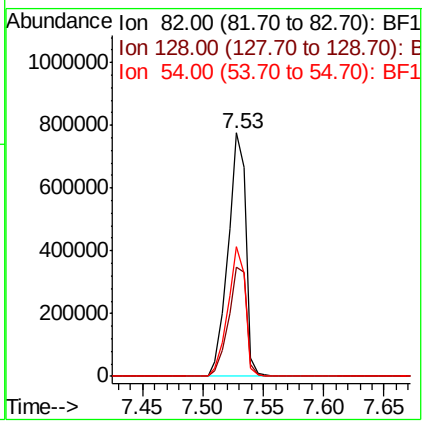


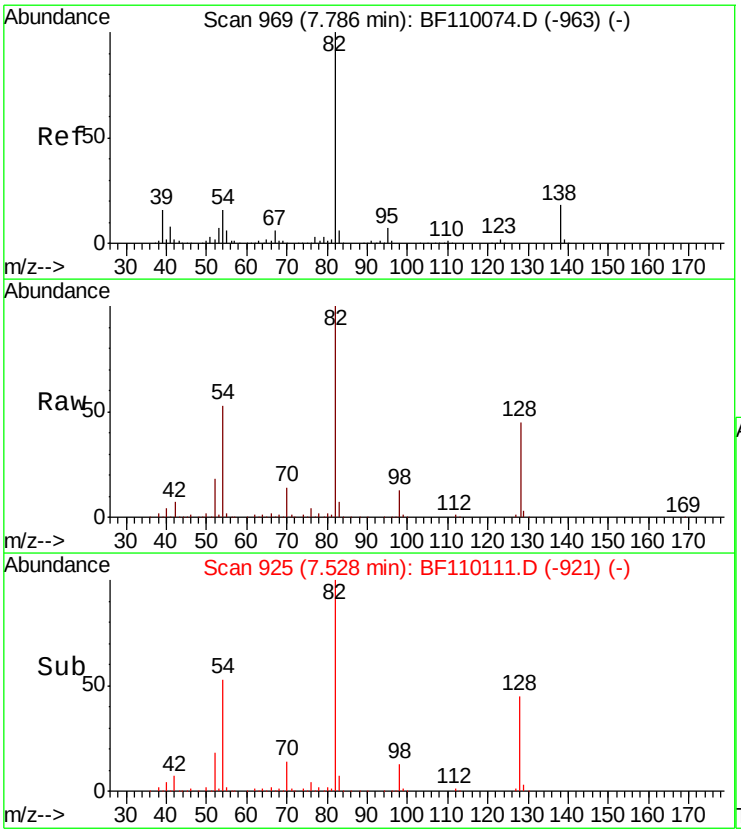
#23
Nitrobenzene-d5
Concen: 69.657 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 797386

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.2	51.2
54	53.1	38.6	58.0

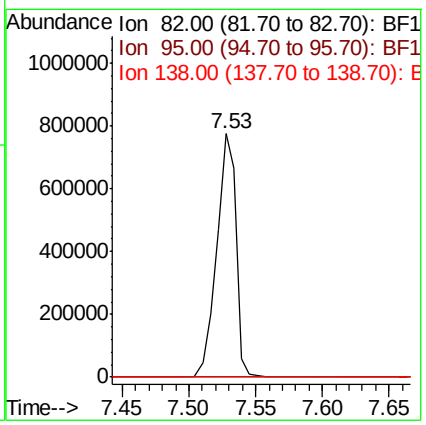


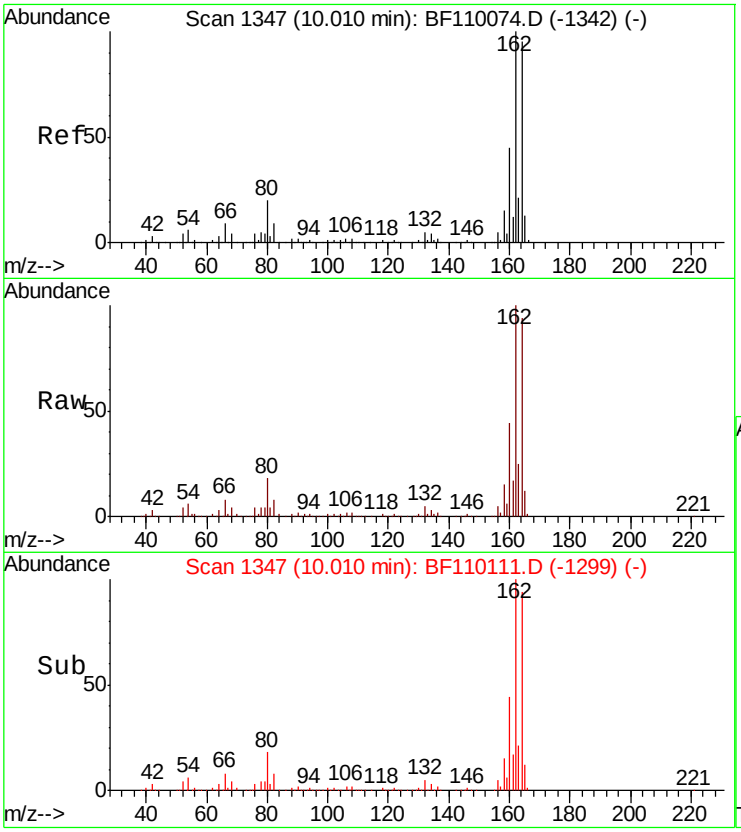


#25
Isophorone
Concen: 40.751 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Tgt Ion: 82 Resp: 795186

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



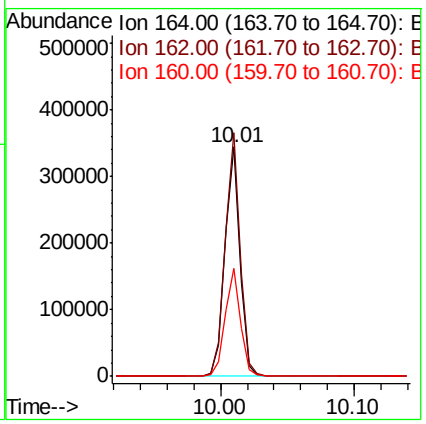


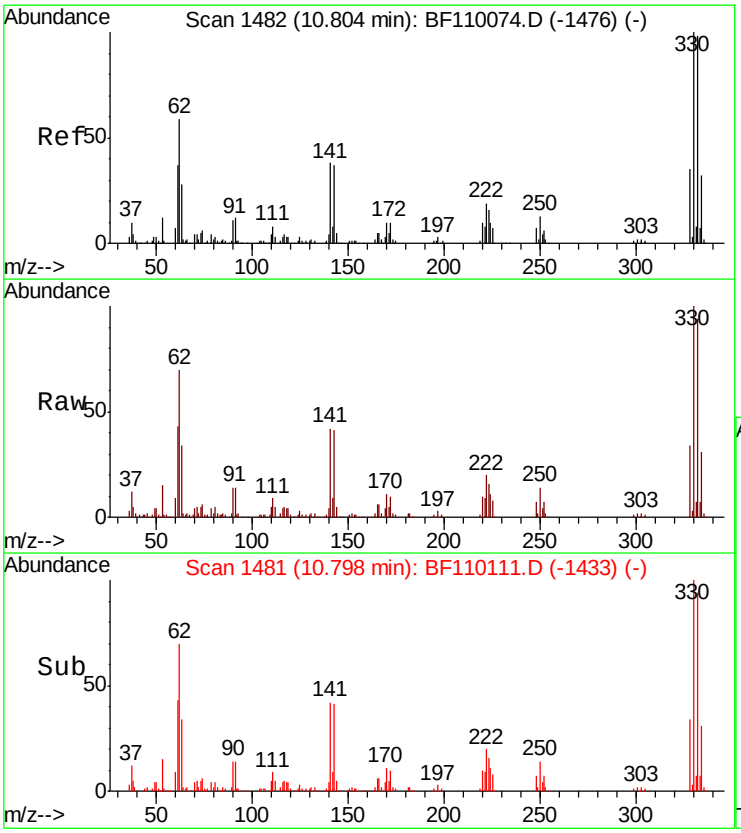
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 274738

Ion	Ratio	Lower	Upper
164	100		
162	106.3	83.0	124.6
160	47.1	37.0	55.6

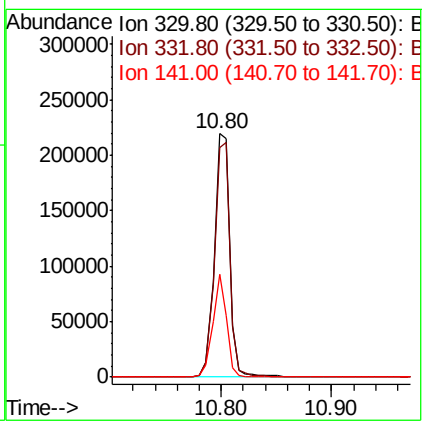


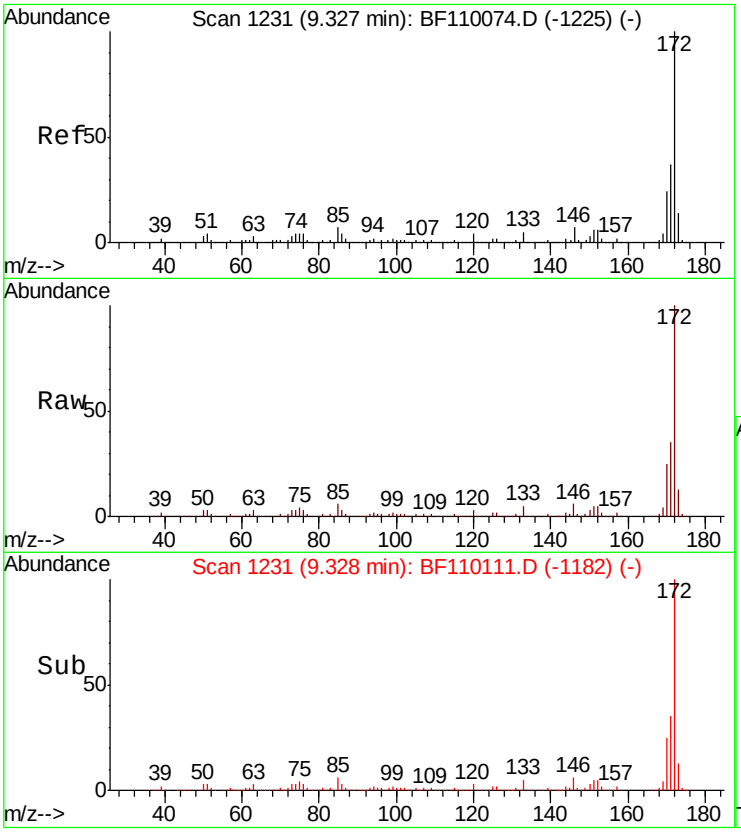


#42
2,4,6-Tribromophenol
Concen: 77.793 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Tgt Ion:330 Resp: 211710

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	37.5	27.0	40.4



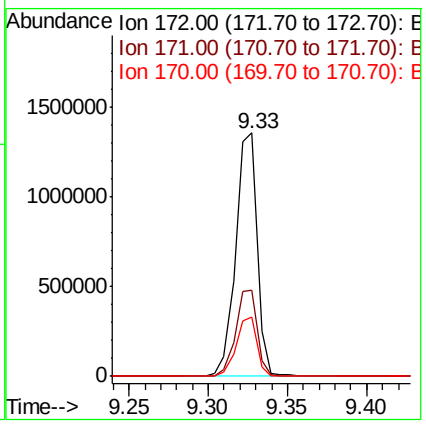


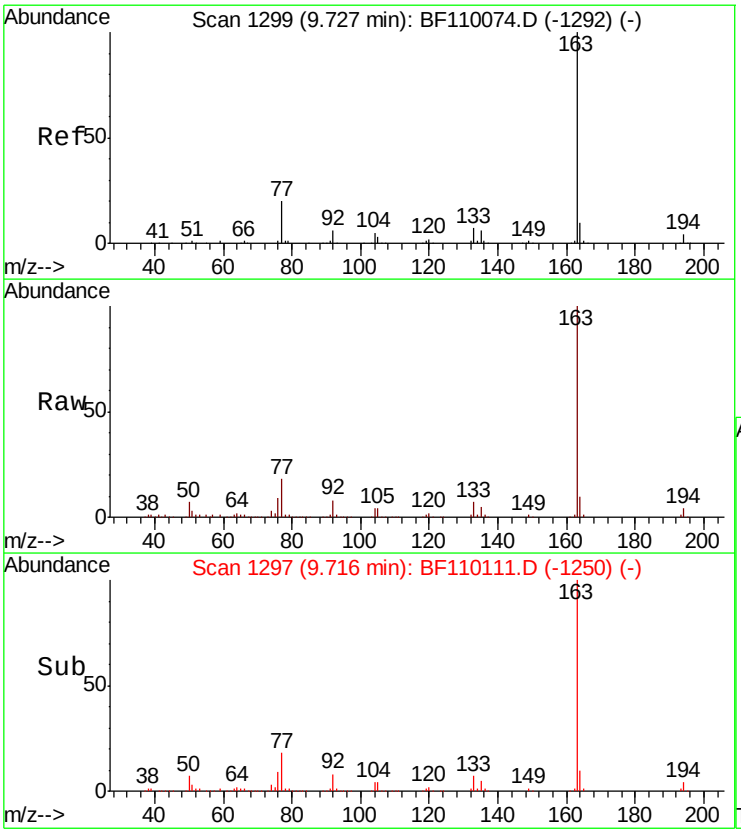
#45
2-Fluorobiphenyl
Concen: 73.033 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1277814

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	24.5	19.7	29.5

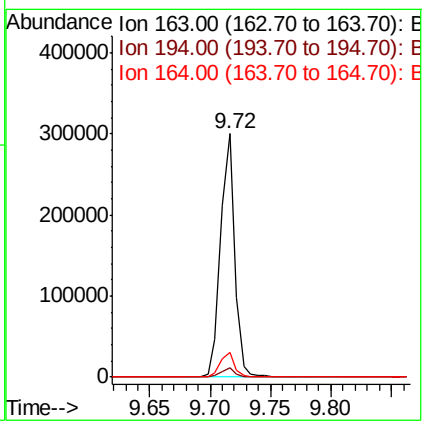


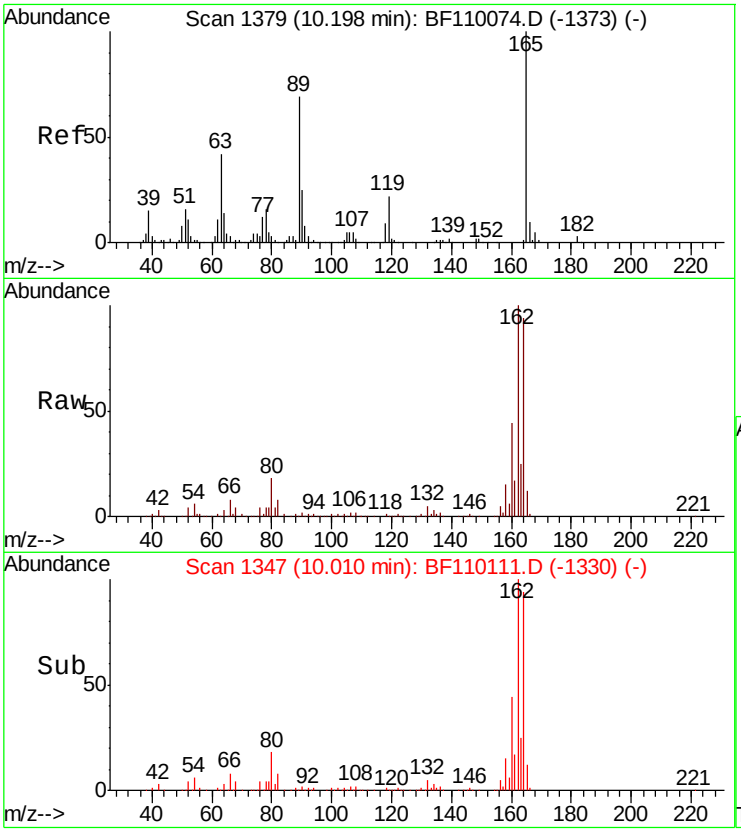


#50
Dimethylphthalate
Concen: 11.961 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Tgt Ion:163 Resp: 242566

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.0	8.1	12.1



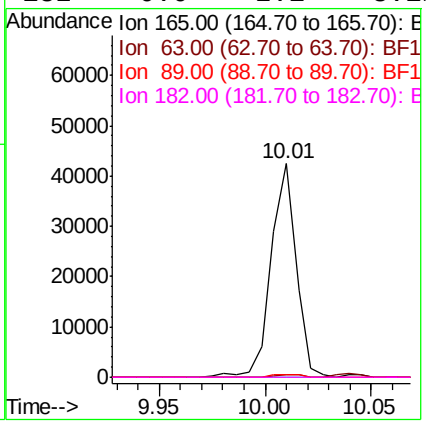


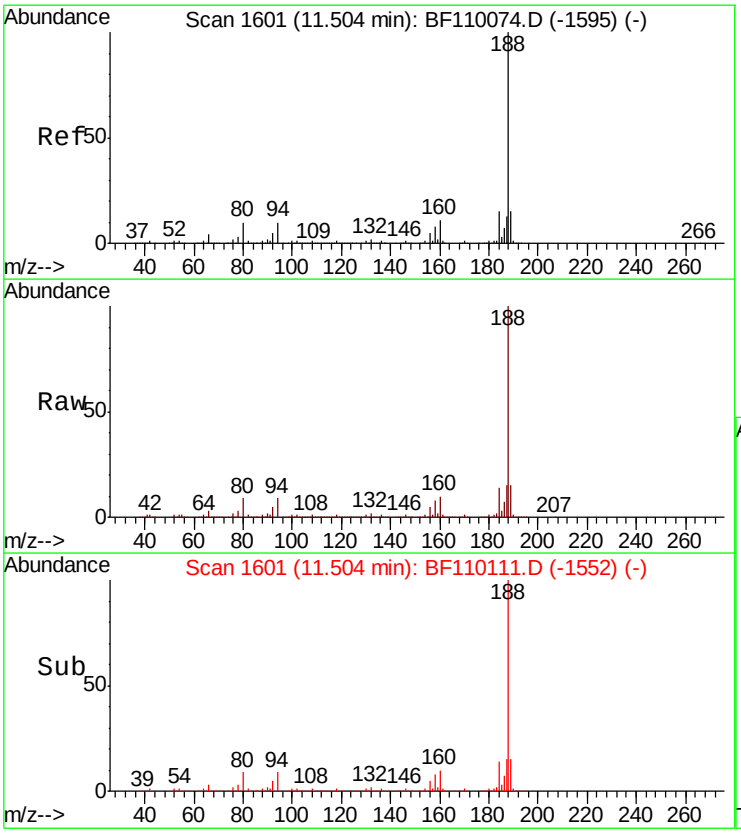
#57
2,4-Dinitrotoluene
Concen: 6.351 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35242

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.8	67.2#
89	1.2	62.2	93.4#
182	0.0	2.1	3.1#

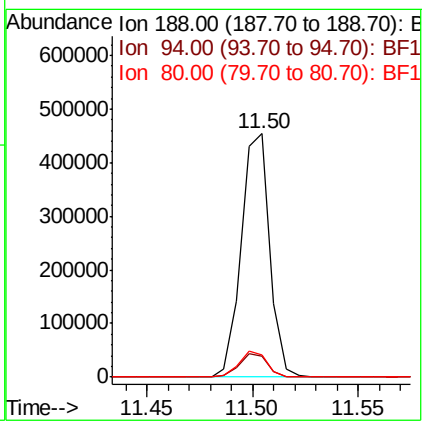


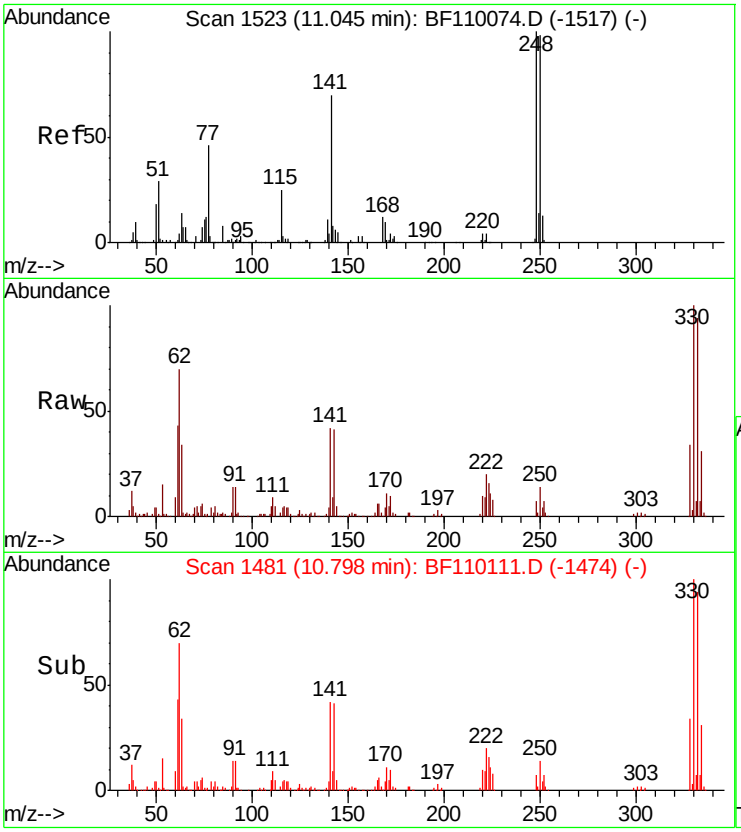


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Tgt Ion:188 Resp: 423348

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	8.9	7.9	11.9



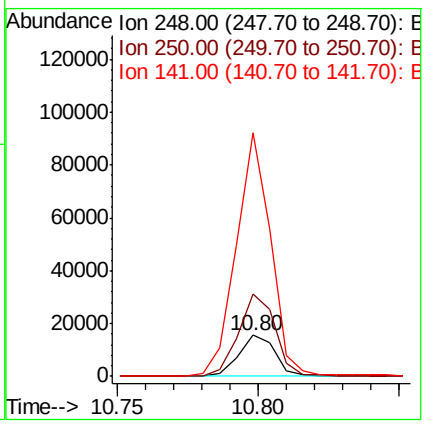


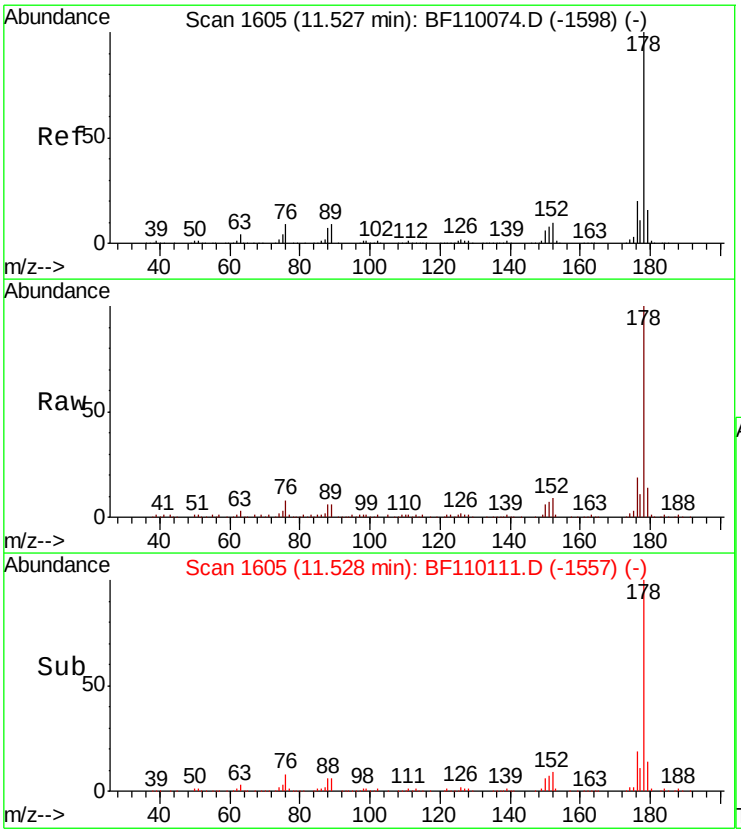
#67
4-Bromophenyl-phenylether
Concen: 2.964 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13613

Ion	Ratio	Lower	Upper
248	100		
250	201.4	79.4	119.2#
141	592.5	55.9	83.9#

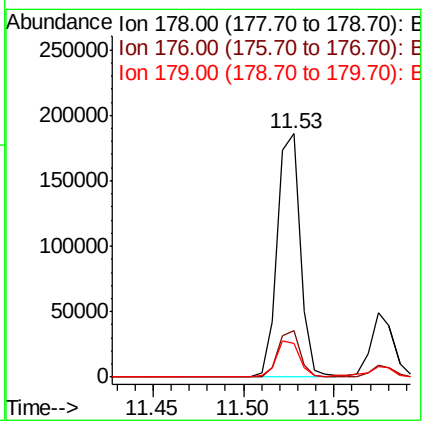


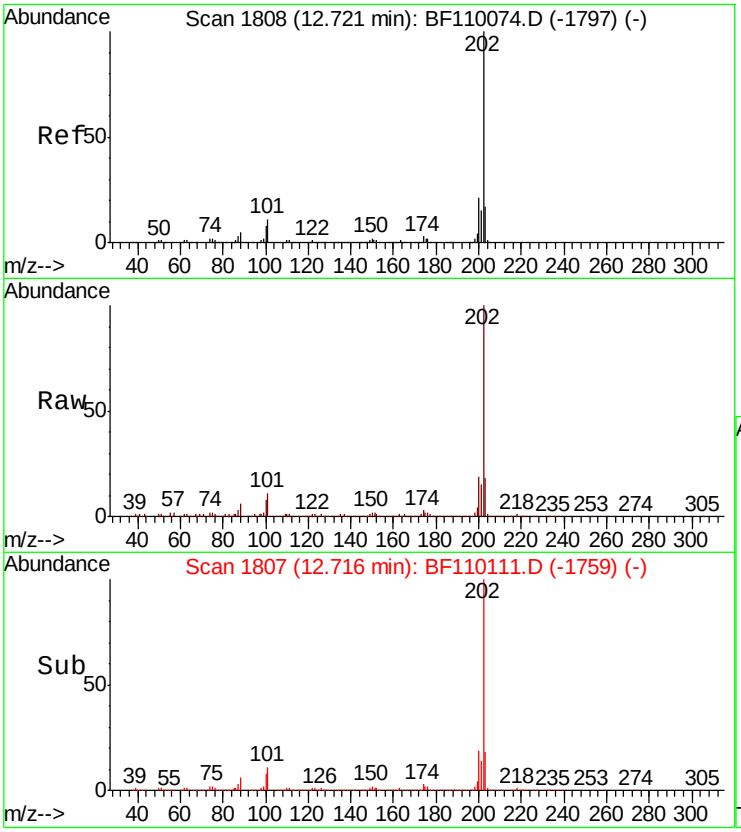


#71
Phenanthrene
Concen: 7.414 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Tgt Ion:178 Resp: 164223

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	13.9	12.5	18.7



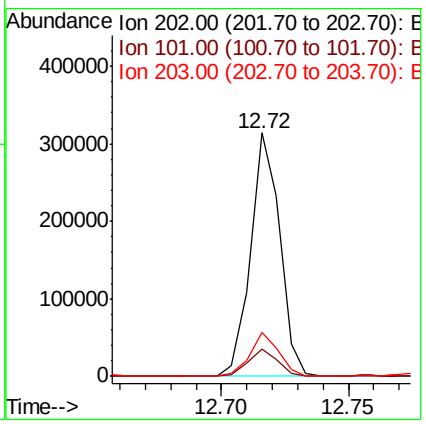


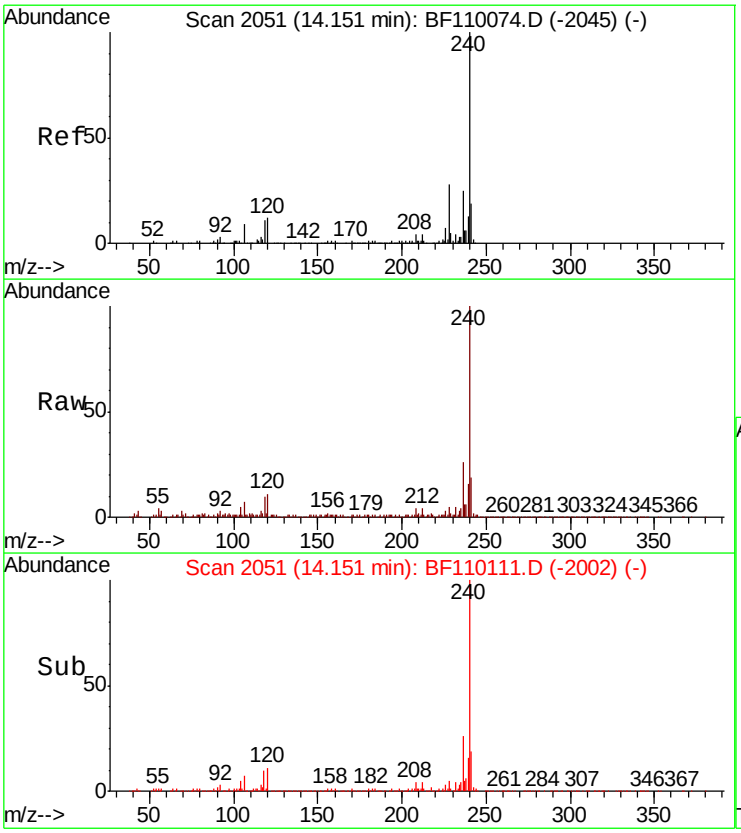
#75
Fluoranthene
Concen: 11.229 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 252437

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.8	0.0	37.7

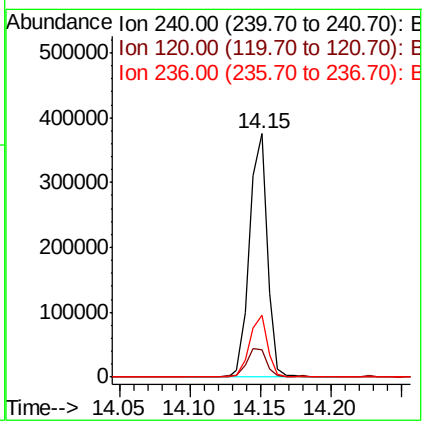


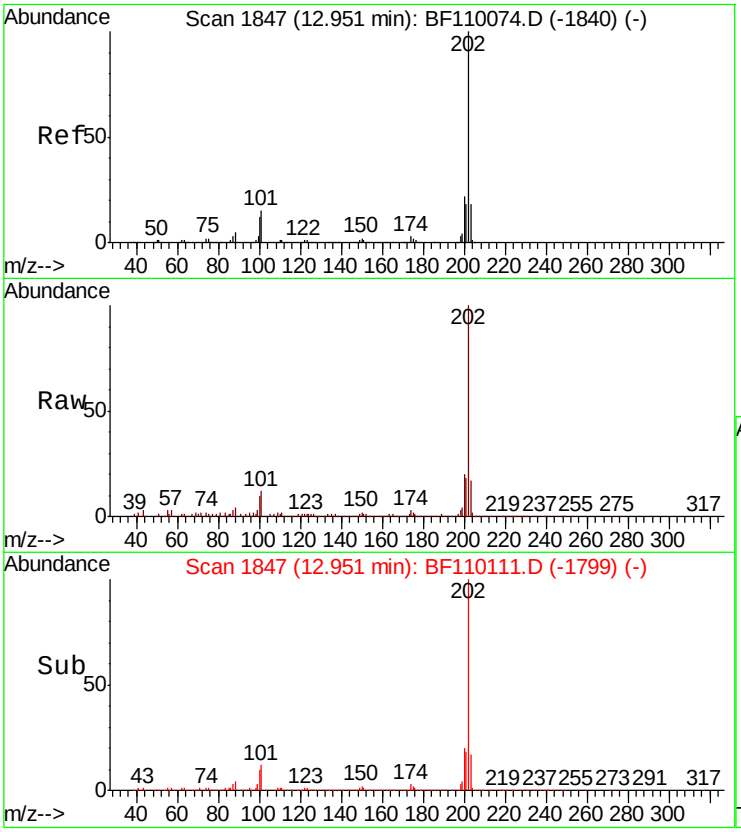


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Tgt Ion:240 Resp: 333278

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.6	21.2	31.8



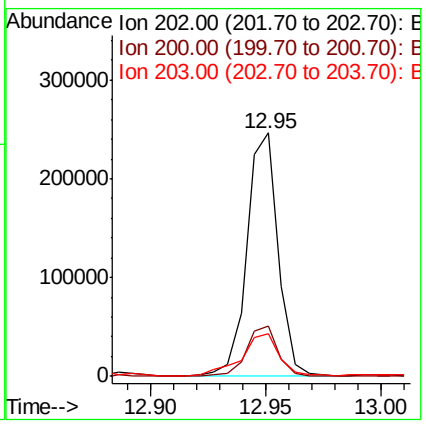


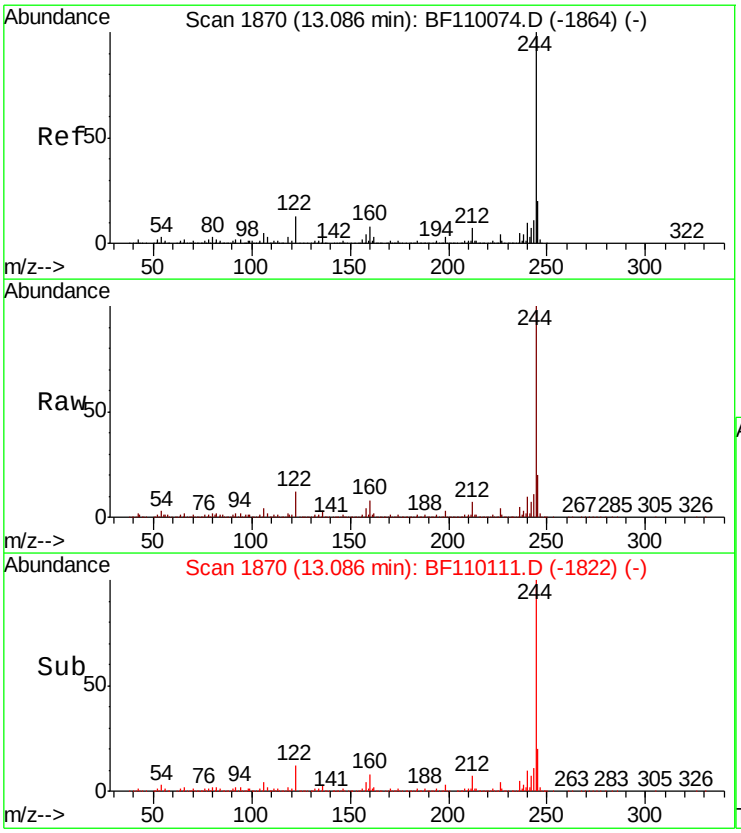
#78
Pyrene
Concen: 9.656 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 230715

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.8	26.6
203	17.3	14.2	21.4

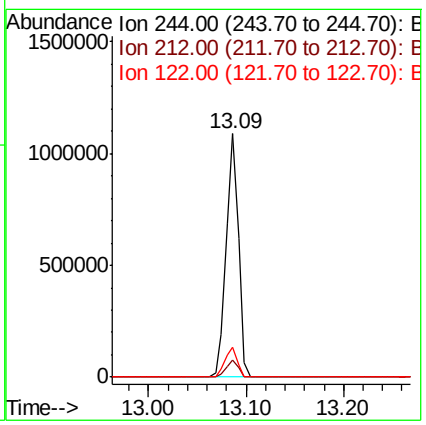


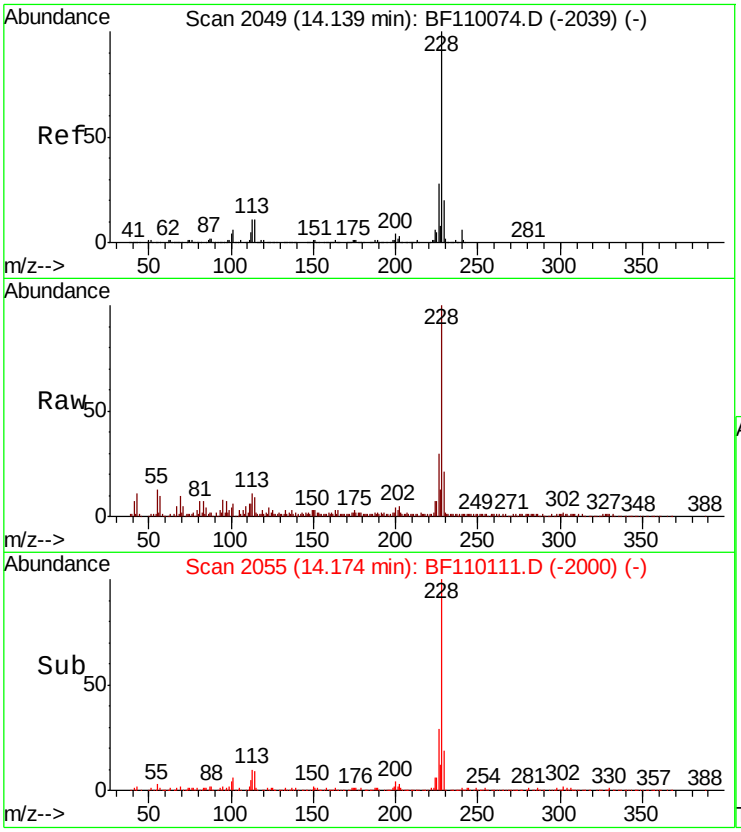


#79
Terphenyl-d14
Concen: 59.219 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Tgt Ion:244 Resp: 948993

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.1	8.7	13.1



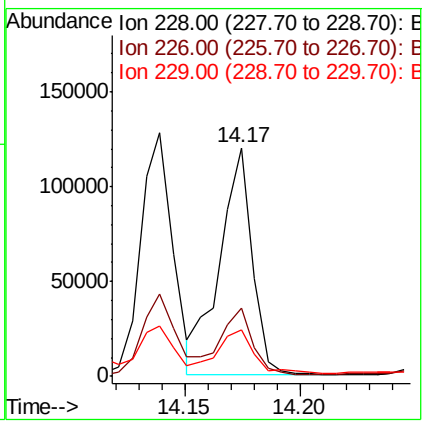


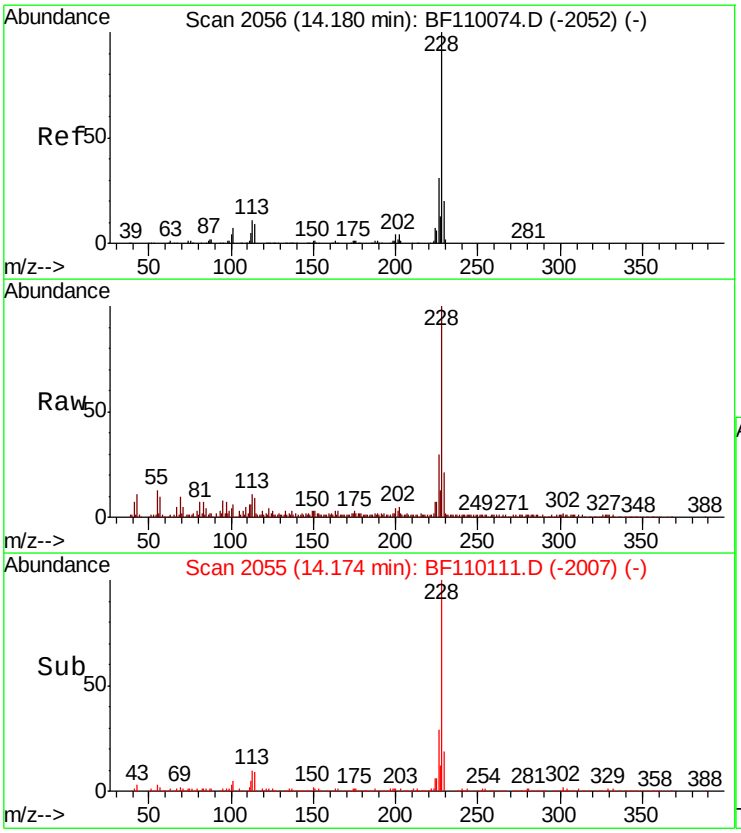
#81
Benzo(a)anthracene
Concen: 5.993 ng
RT: 14.17 min Scan# 2055
Delta R.T. 0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 118448

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.1	33.1
229	20.6	15.6	23.4

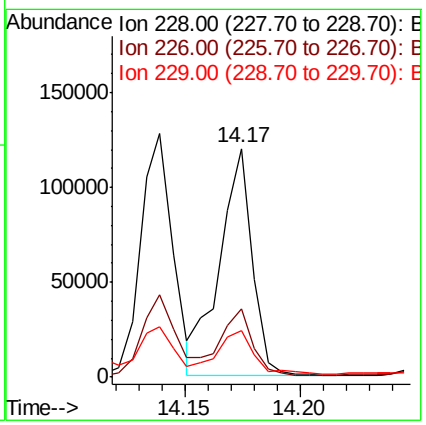


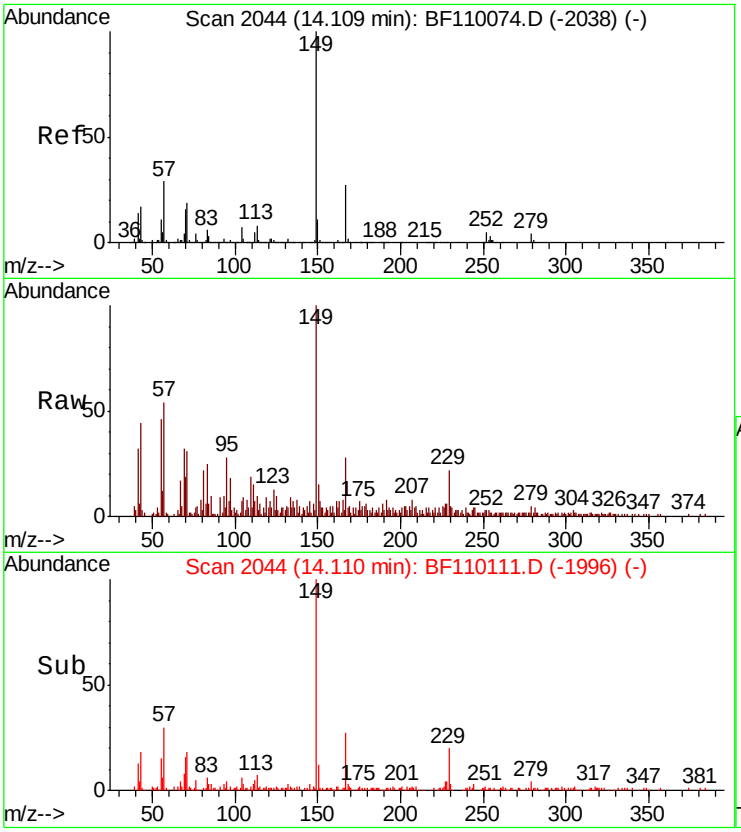


#83
Chrysene
Concen: 6.310 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Tgt Ion:228 Resp: 118448

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.7	37.1
229	20.6	15.9	23.9



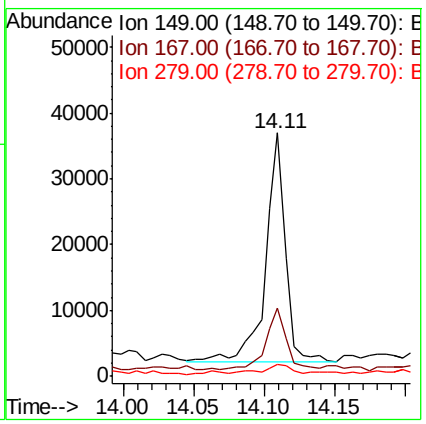


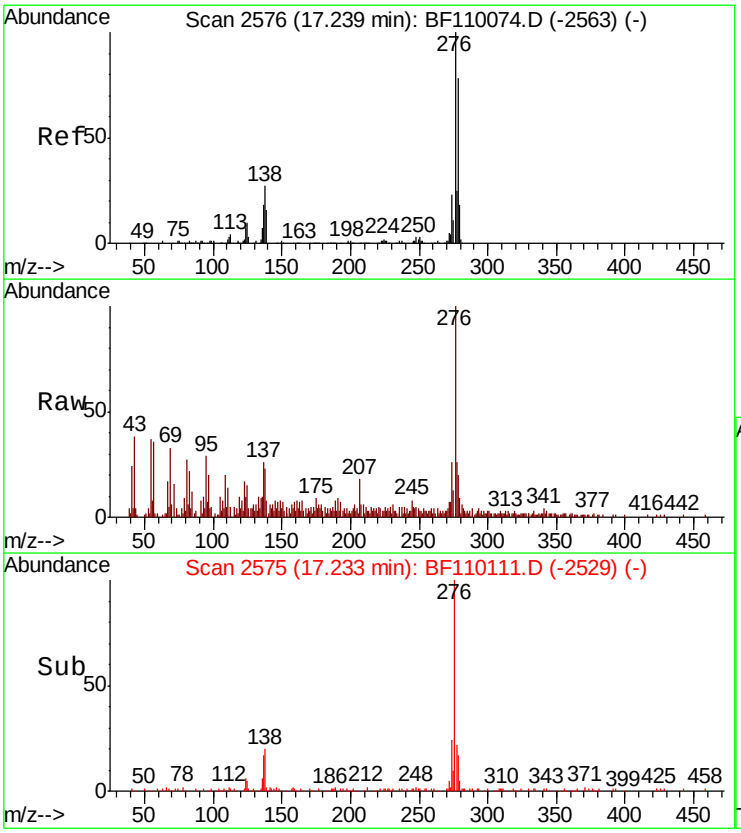
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.424 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 33987

Ion	Ratio	Lower	Upper
149	100		
167	28.1	19.8	29.8
279	4.9	2.7	4.1#

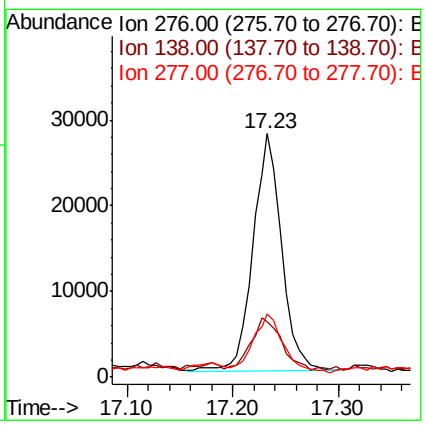


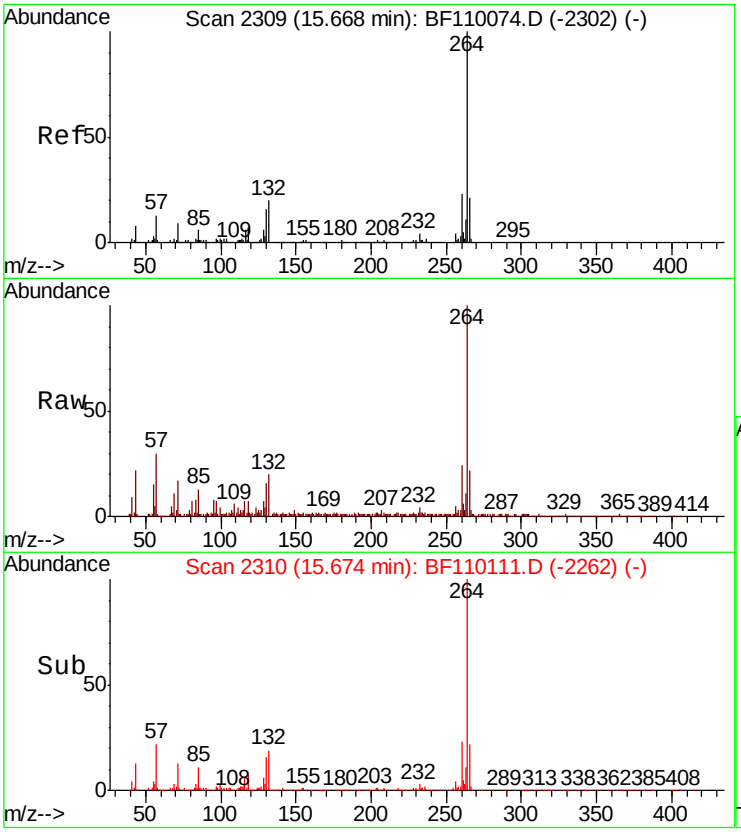


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.362 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Tgt Ion:276 Resp: 52350

Ion	Ratio	Lower	Upper
276	100		
138	24.0	18.5	27.7
277	25.9	20.0	30.0



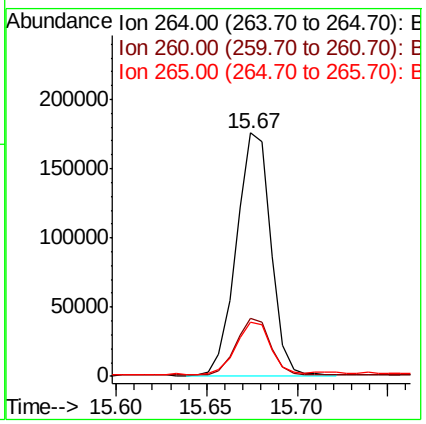


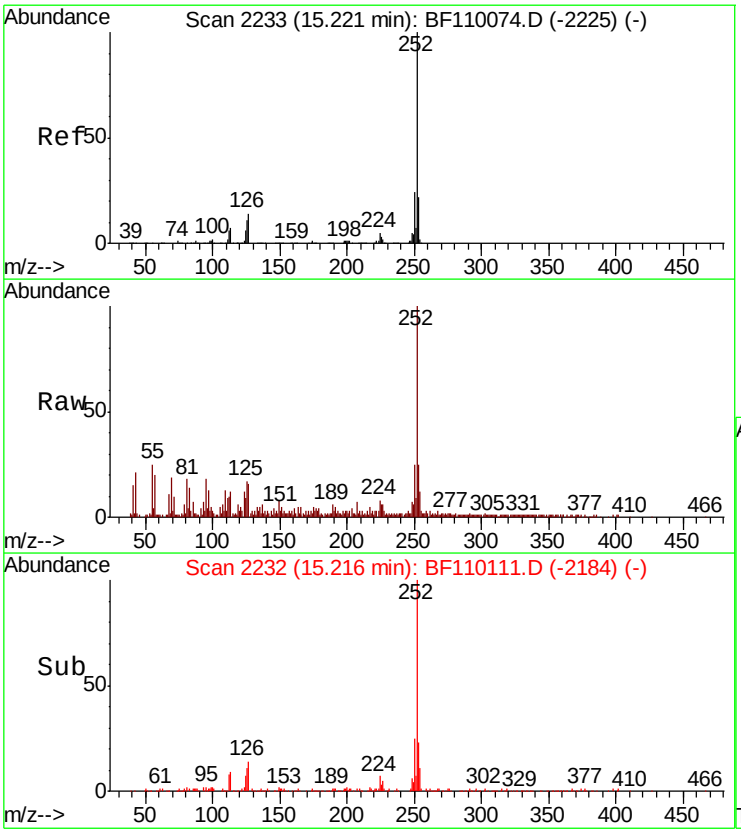
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 231120

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.1	16.7	25.1

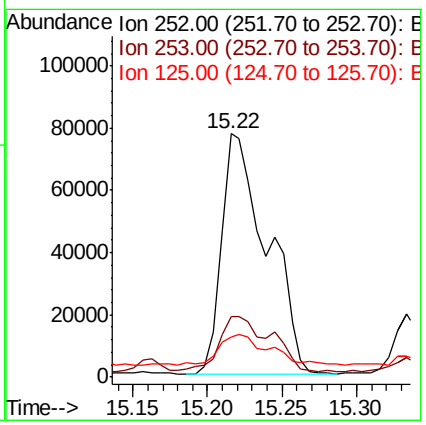


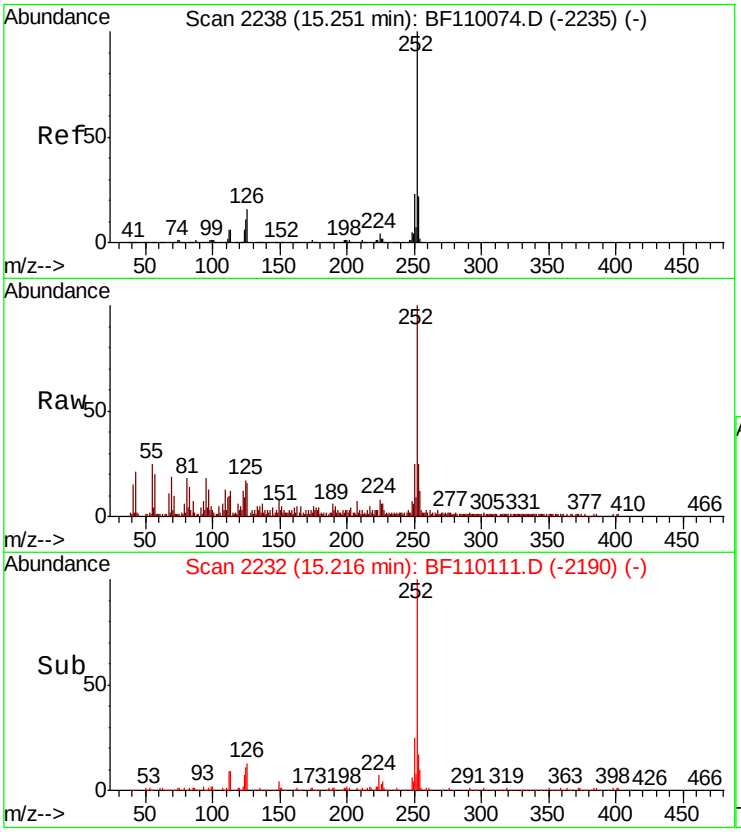


#88
Benzo(b)fluoranthene
Concen: 12.361 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Tgt Ion:252 Resp: 164979

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	16.6	8.2	12.4#



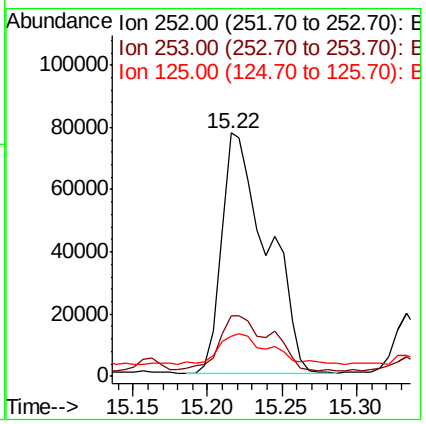


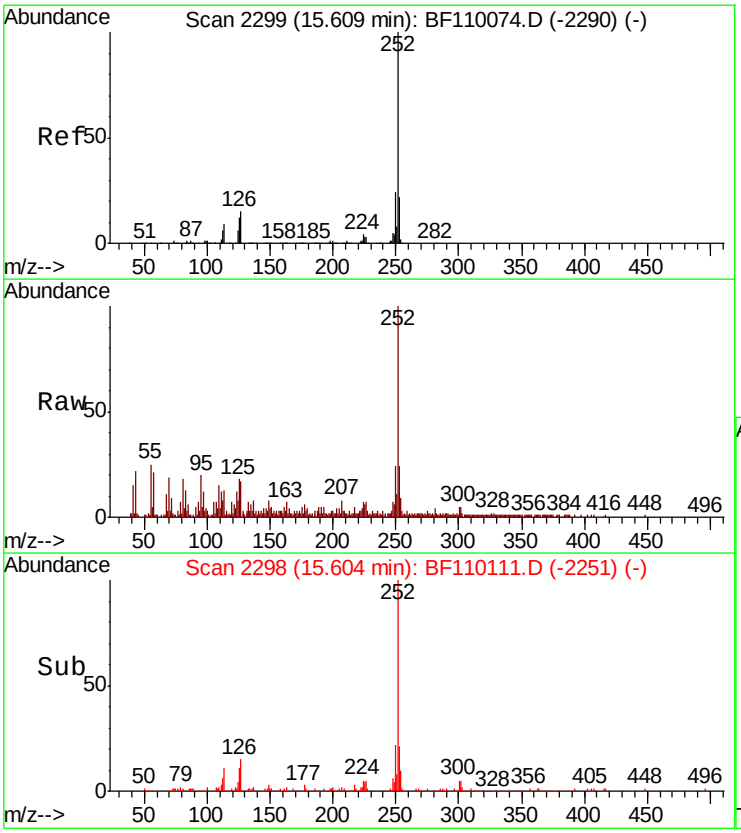
#89
Benzo(k)fluoranthene
Concen: 12.574 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.05 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 164979

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	16.6	7.4	11.0#

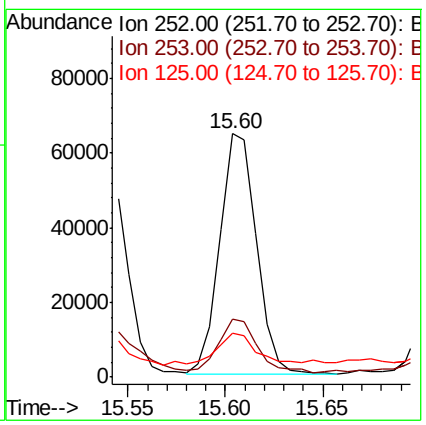


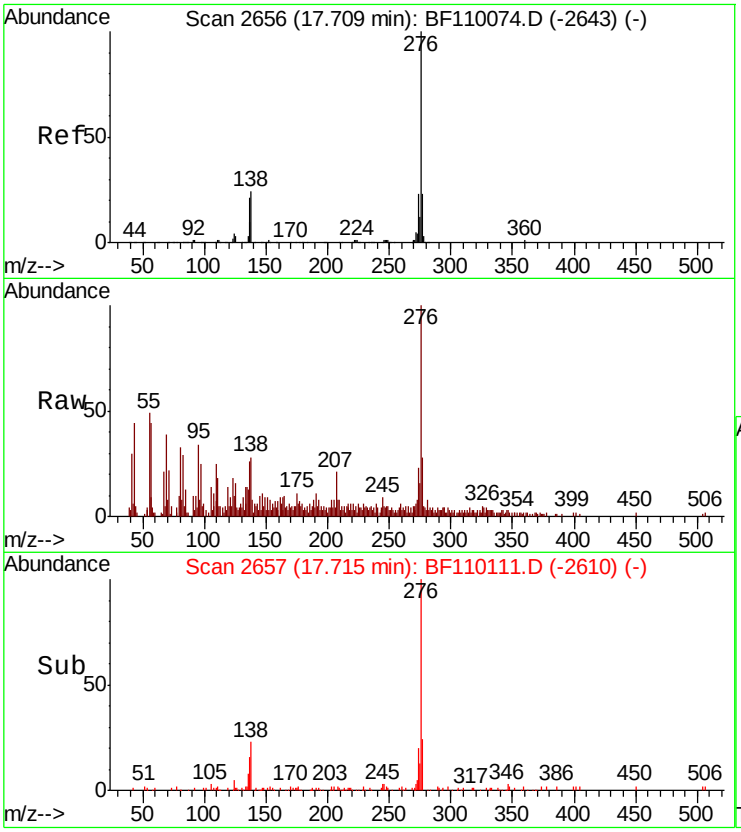


#90
Benzo(a)pyrene
Concen: 6.817 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Tgt Ion:252 Resp: 83716

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.4
125	18.3	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 4.540 ng
RT: 17.72 min Scan# 2657
Delta R.T. -0.02 min
Lab File: BF110111.D
Acq: 24 Oct 2018 13:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 47411

Ion	Ratio	Lower	Upper
276	100		
277	27.9	18.8	28.2
138	28.4	16.0	24.0#