Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110221.D
Acq On : 26 Oct 2018 20:31
Operator : JU/SJ
Sample : J5204-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 26 23:41:30 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	136963	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	530895	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	208577	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	322480	20.00	ng		-0.01
76) Chrysene-d12	14.16	240	230372	20.00	ng		0.00
87) Perylene-d12	15.69	264	163548	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	218365	25.96	ng		-0.02
7) Phenol-d6	6.58	99	282293	26.24	ng		-0.02
23) Nitrobenzene-d5	7.53	82	159792	17.85	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	41990	20.32	ng		-0.02
45) 2-Fluorobiphenyl	9.32	172	306306	23.06	ng		-0.02
79) Terphenyl-d14	13.09	244	227662	20.55	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	4983	Below Cal			86
19) n-Nitroso-di-n-propylamine	7.53	70	20498	2.970	ng	#	79
25) Isophorone	7.53	82	159791	10.473	ng	#	67
31) Naphthalene	8.27	128	71052	2.904	ng		98
37) 2-Methylnaphthalene	8.96	142	36315	2.243	ng		99
38) 1-Methylnaphthalene	9.06	142	31589	2.019	ng		97
49) Acenaphthylene	9.87	152	43563	2.180	ng	#	96
51) 2,6-Dinitrotoluene	10.01	165	28900	8.714	ng	#	23
52) Acenaphthene	10.05	154	96098	7.269	ng		97
55) Dibenzofuran	10.22	168	86599	4.679	ng		96
56) 4-Nitrophenol	10.22	139	34090	11.679	ng	#	7
58) Fluorene	10.56	166	149350	10.842	ng		99
71) Phenanthrene	11.53	178	1014732	60.137	ng		100
72) Anthracene	11.58	178	395090	23.360	ng		99
73) Carbazole	11.73	167	56968	3.450	ng		98
75) Fluoranthene	12.73	202	1529780	89.331	ng		98
78) Pyrene	12.96	202	1341937	81.252	ng		99
81) Benzo(a)anthracene	14.15	228	693837	50.788	ng		97
83) Chrysene	14.18	228	550232	42.404	ng		97
86) Indeno(1,2,3-cd)pyrene	17.25	276	213408	19.825	ng		100
88) Benzo(b)fluoranthene	15.23	252	732119	77.520	ng		97
89) Benzo(k)fluoranthene	15.23	252	732119	78.852	ng	#	96
90) Benzo(a)pyrene	15.62	252	389589	44.830	ng		98
91) Dibenzo(a,h)anthracene	17.26	278	52771	7.038	ng	#	80
92) Benzo(g,h,i)perylene	17.73	276	200412	27.123	ng		96

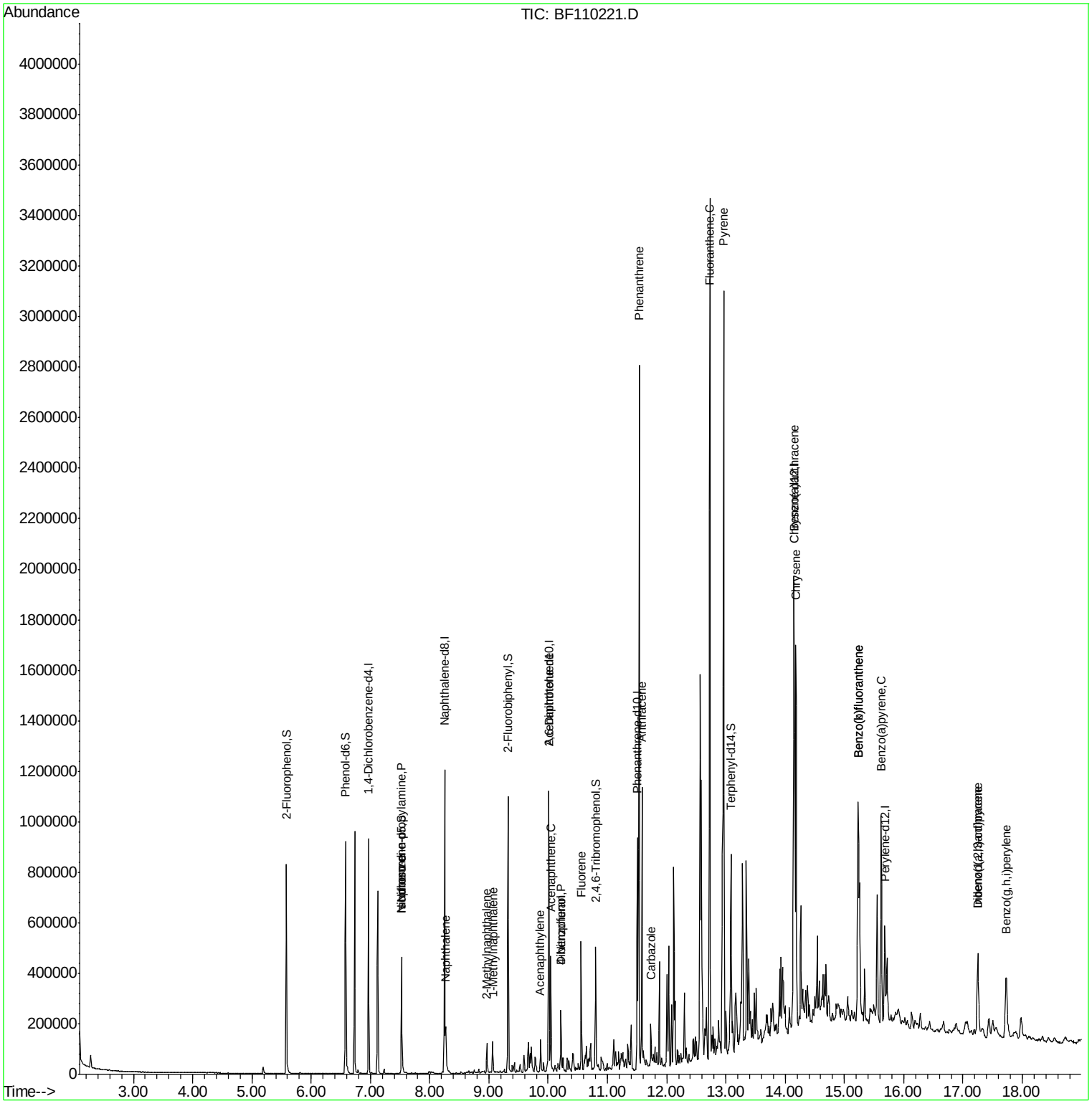
(#) = qualifier out of range (m) = manual integration (+) = signals summed

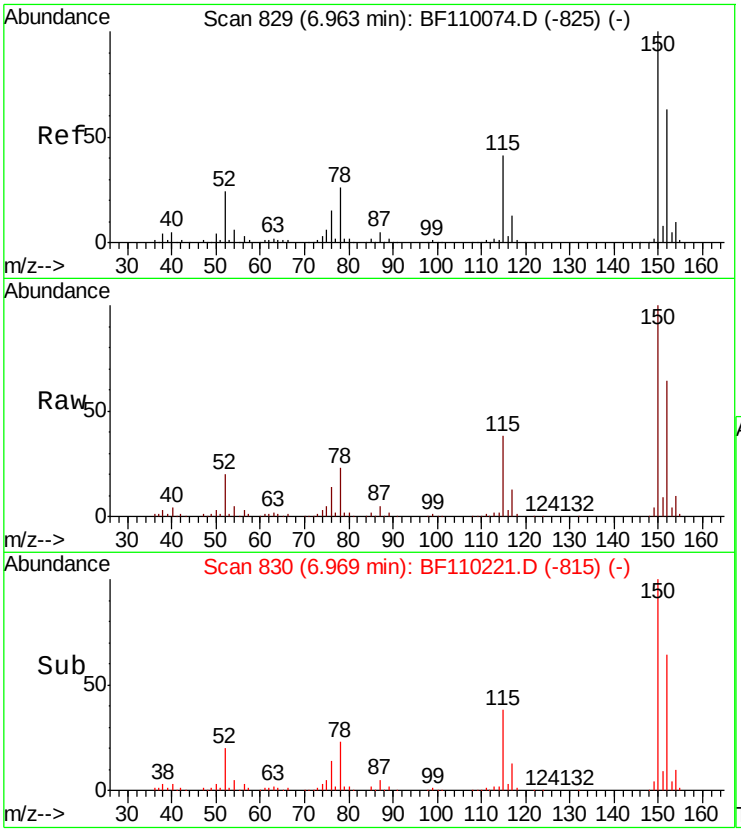
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110221.D
Acq On : 26 Oct 2018 20:31
Operator : JU/SJ
Sample : J5204-09 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 26 23:41:30 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



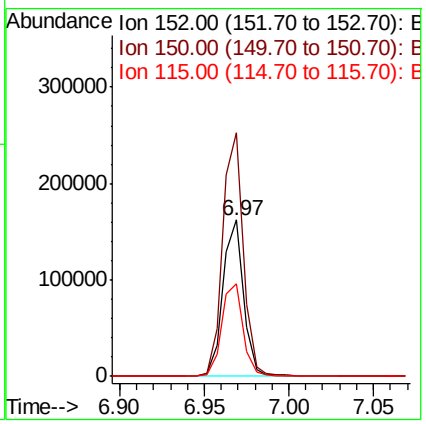


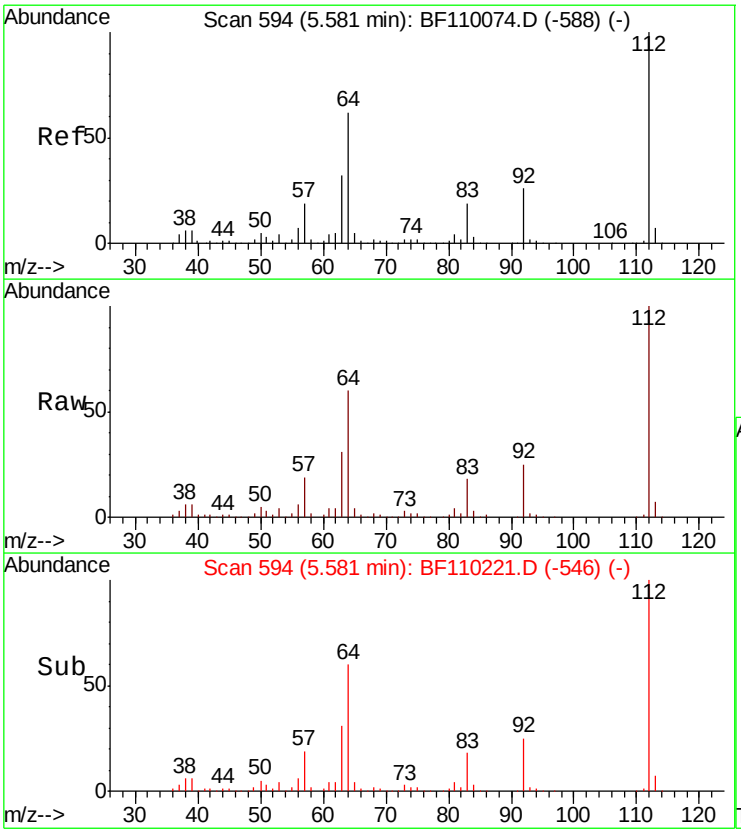
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 136963

Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.7	184.1
115	59.0	49.1	73.7

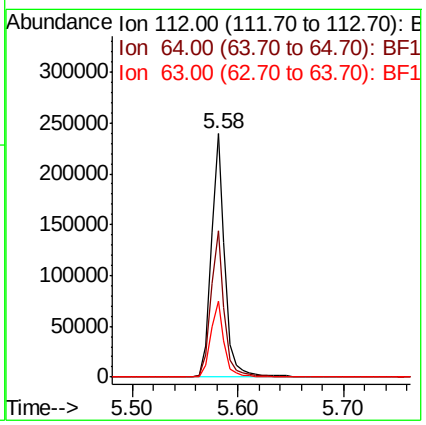


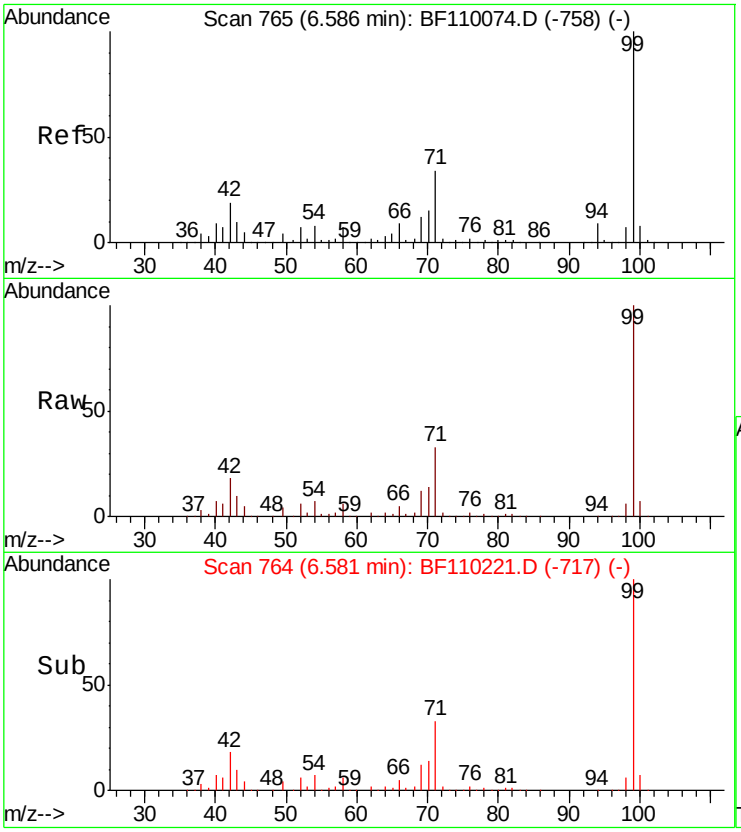


#5
2-Fluorophenol
Concen: 25.963 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Tgt Ion:112 Resp: 218365

Ion	Ratio	Lower	Upper
112	100		
64	60.2	44.1	66.1
63	31.0	23.7	35.5



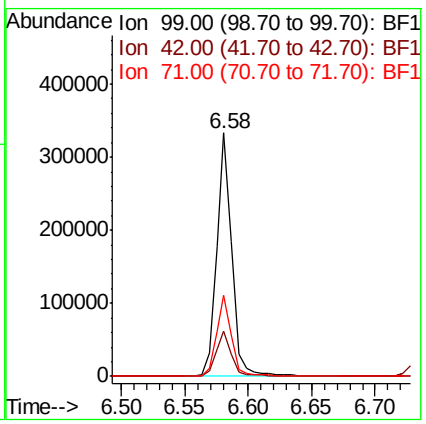


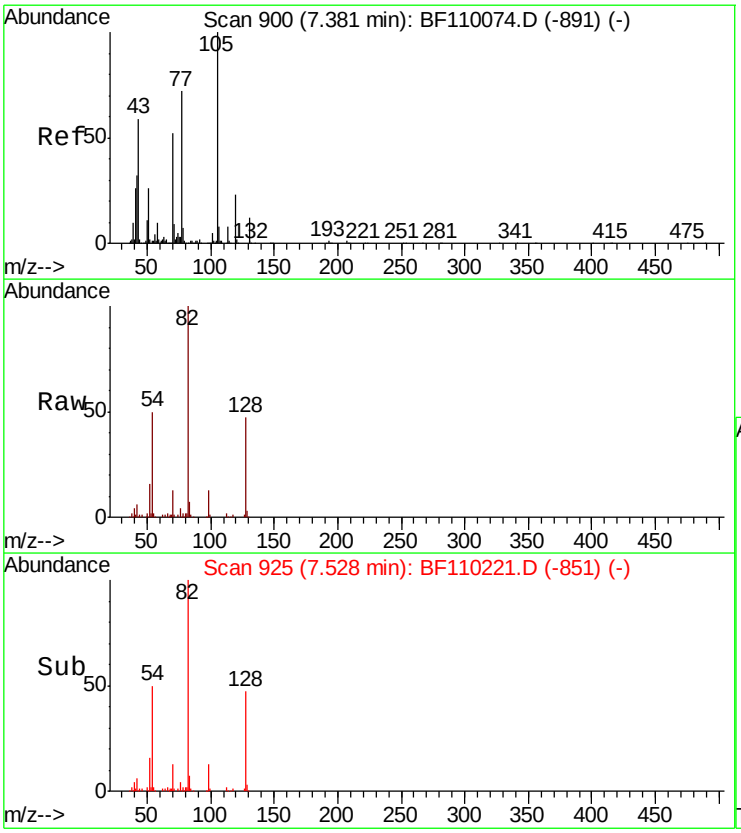
#7
Phenol-d6
Concen: 26.241 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 282293

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.8	23.6
71	33.3	28.0	42.0

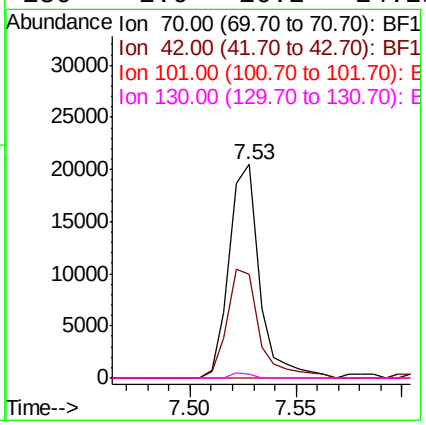


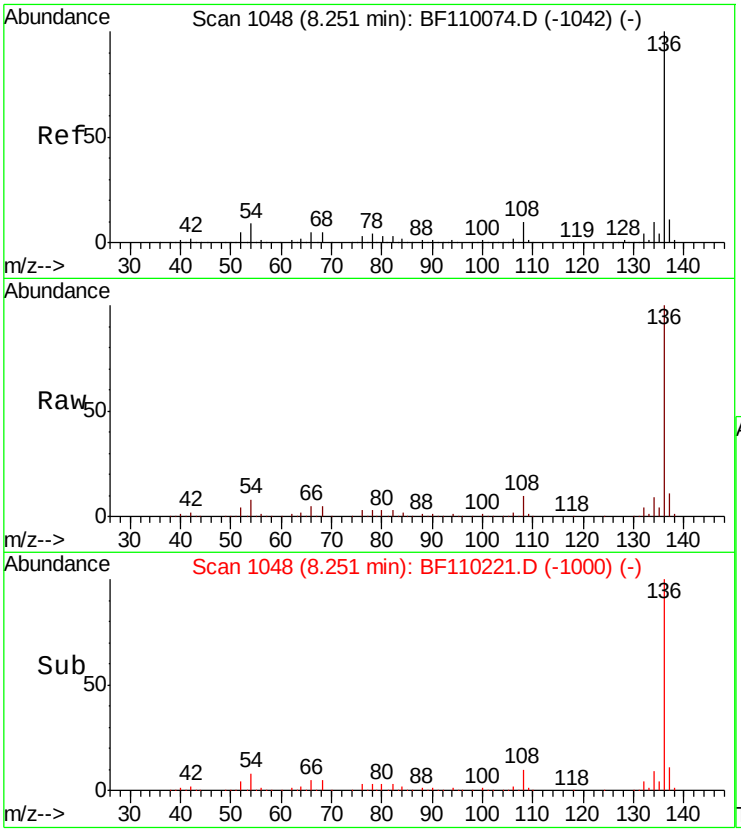


#19
n-Nitroso-di-n-propylamine
Concen: 2.970 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Tgt Ion: 70 Resp: 20498

Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.4	71.2
101	0.0	7.3	10.9#
130	2.0	16.2	24.2#



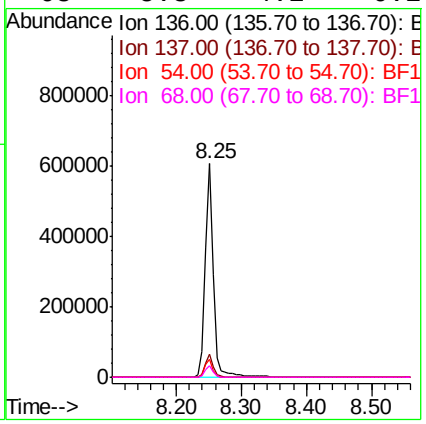


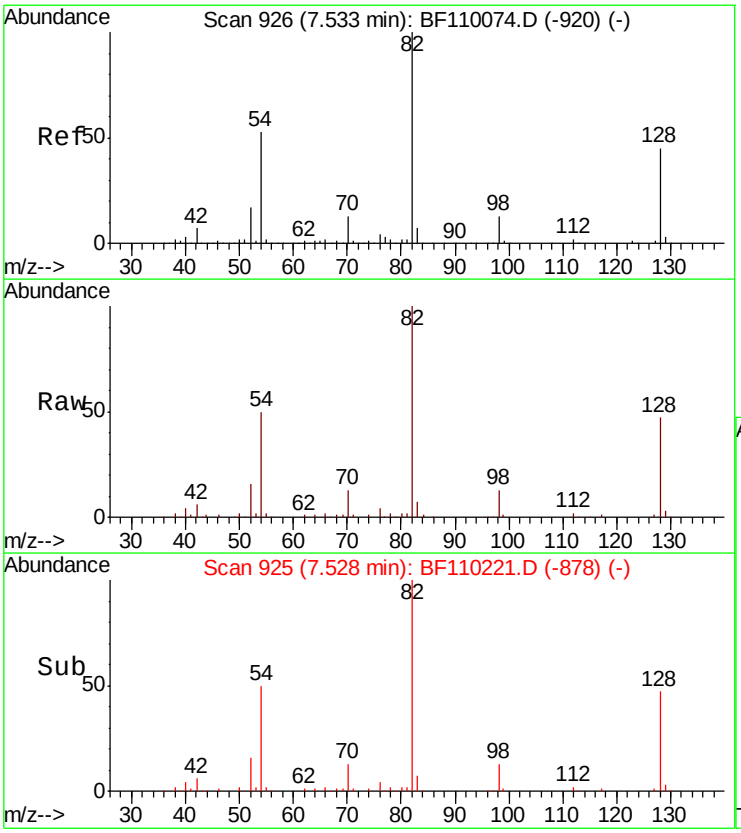
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 530895

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.1	5.4	8.2
68	5.3	4.2	6.2

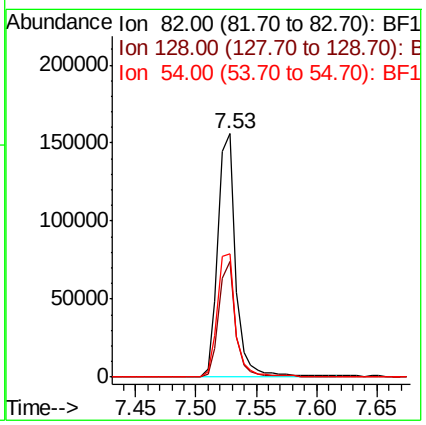


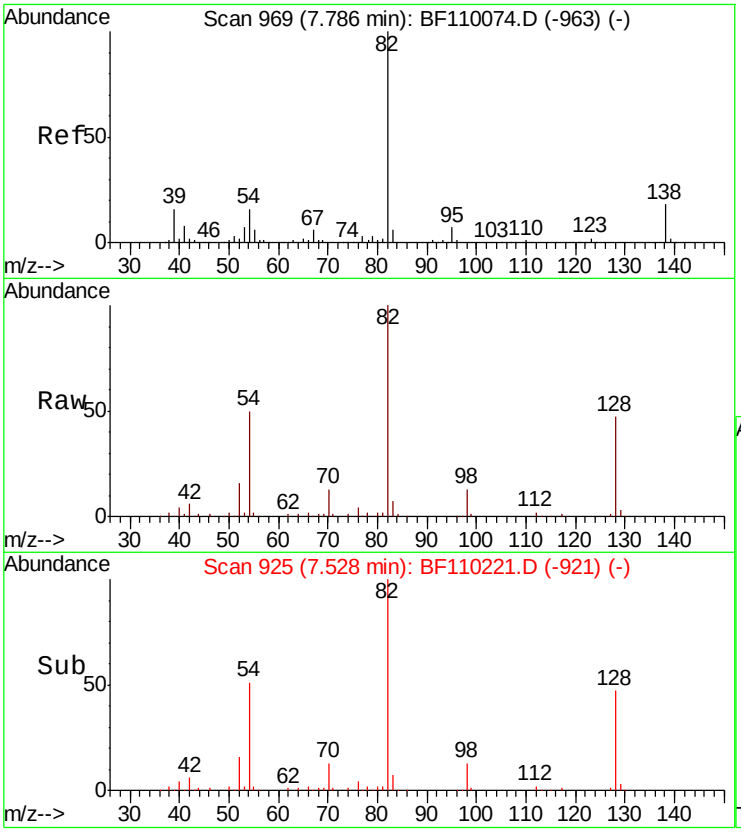


#23
Nitrobenzene-d5
Concen: 17.852 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Tgt Ion: 82 Resp: 159792

Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.2	51.2
54	50.5	38.6	58.0



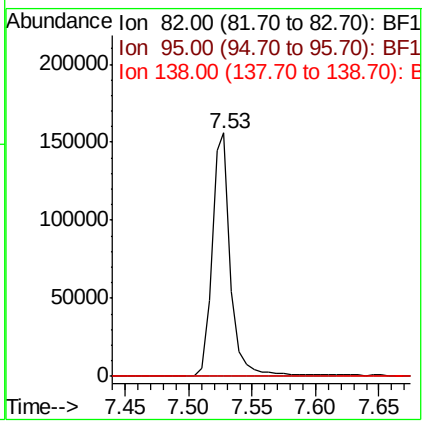


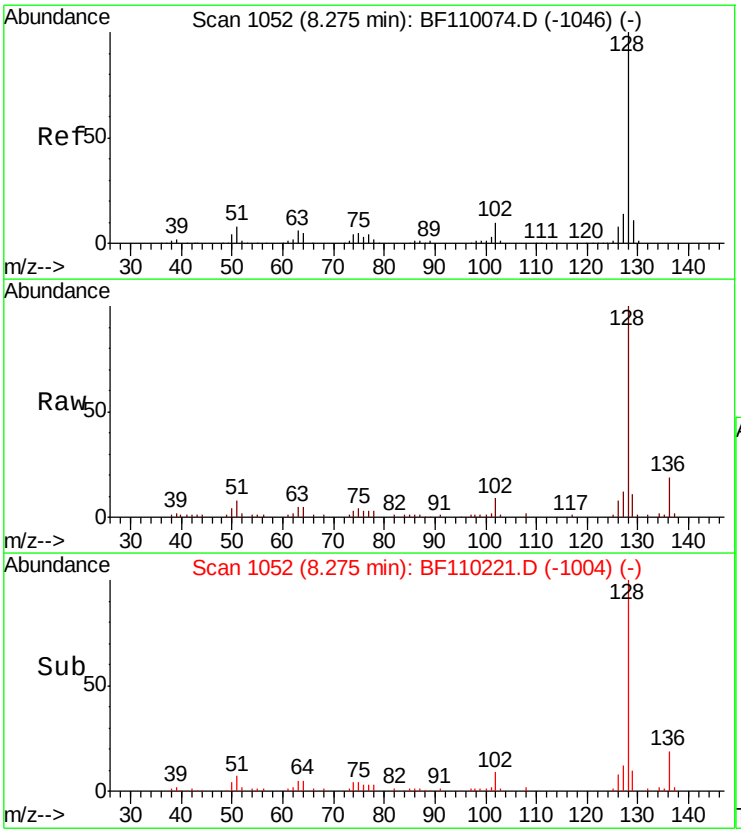
#25
Isophorone
Concen: 10.473 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 159791

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

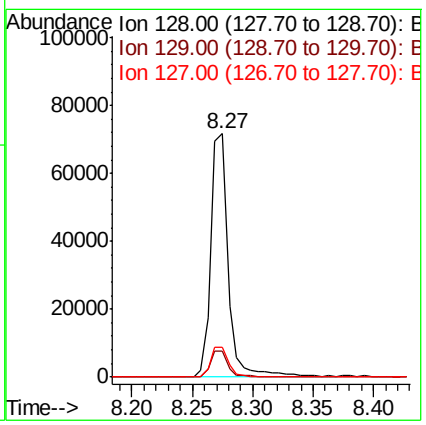


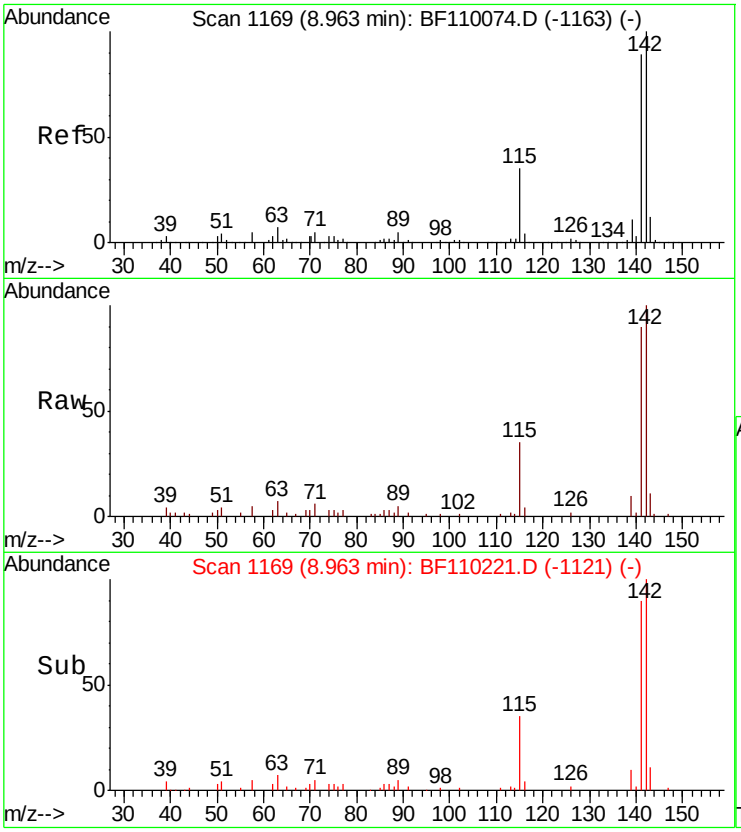


#31
Naphthalene
Concen: 2.904 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Tgt Ion:128 Resp: 71052

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.4	10.8	16.2

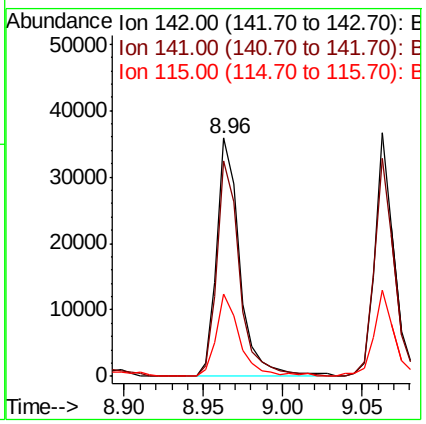




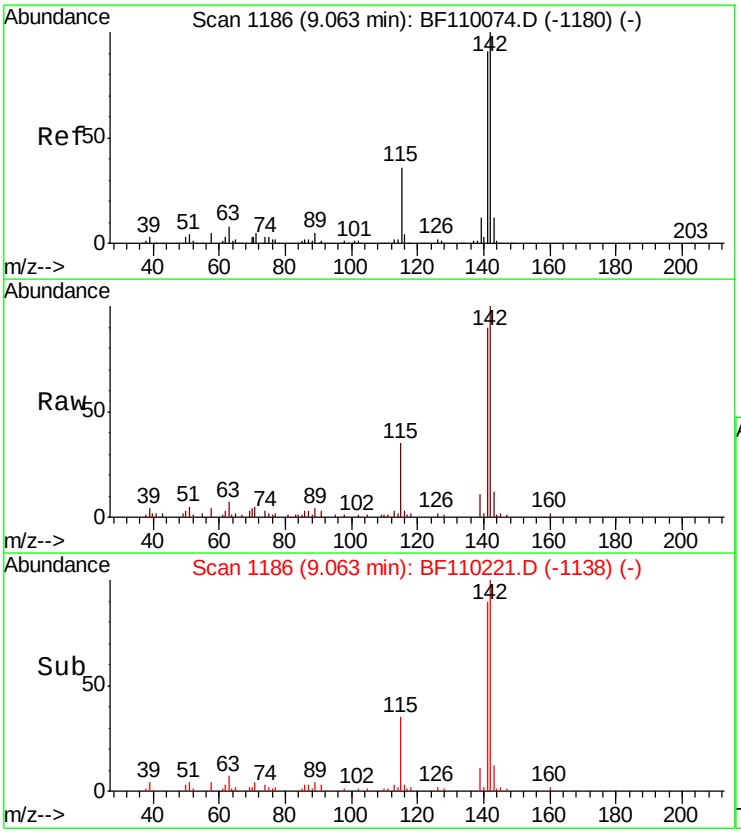
#37
2-Methylnaphthalene
Concen: 2.243 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Tgt Ion:142 Resp: 36315

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.4	107.2
115	34.8	28.7	43.1



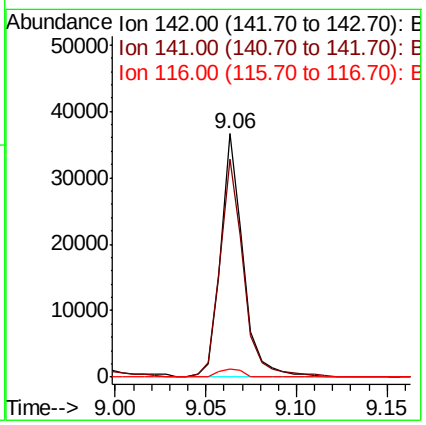
Instrument :
BNA_F
ClientSampleId :

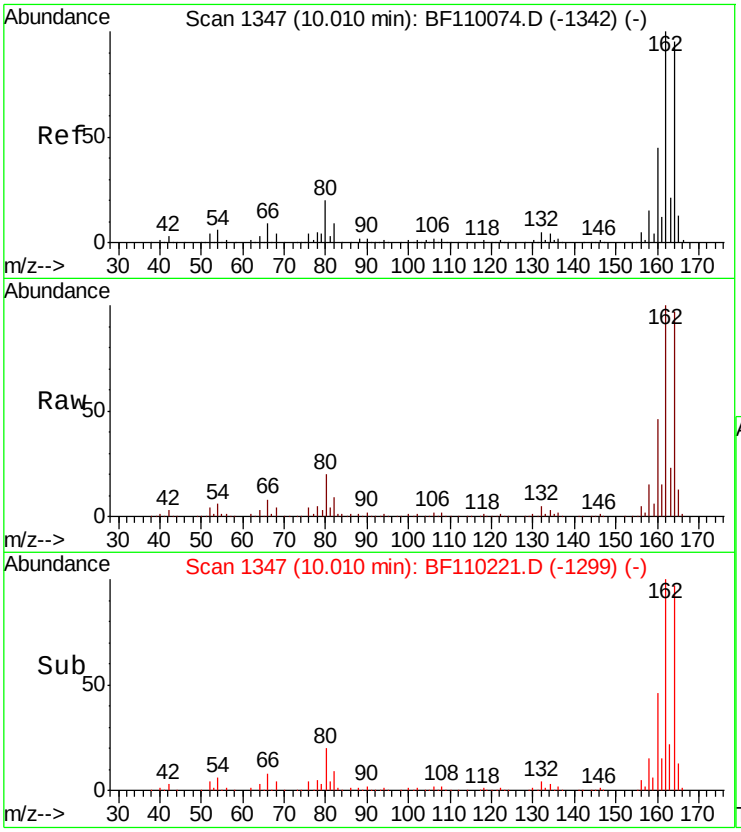


#38
1-Methylnaphthalene
Concen: 2.019 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Tgt Ion:142 Resp: 31589

Ion	Ratio	Lower	Upper
142	100		
141	89.8	74.2	111.4
116	3.4	2.6	4.0



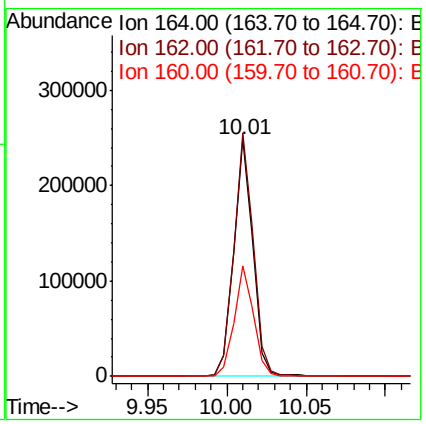


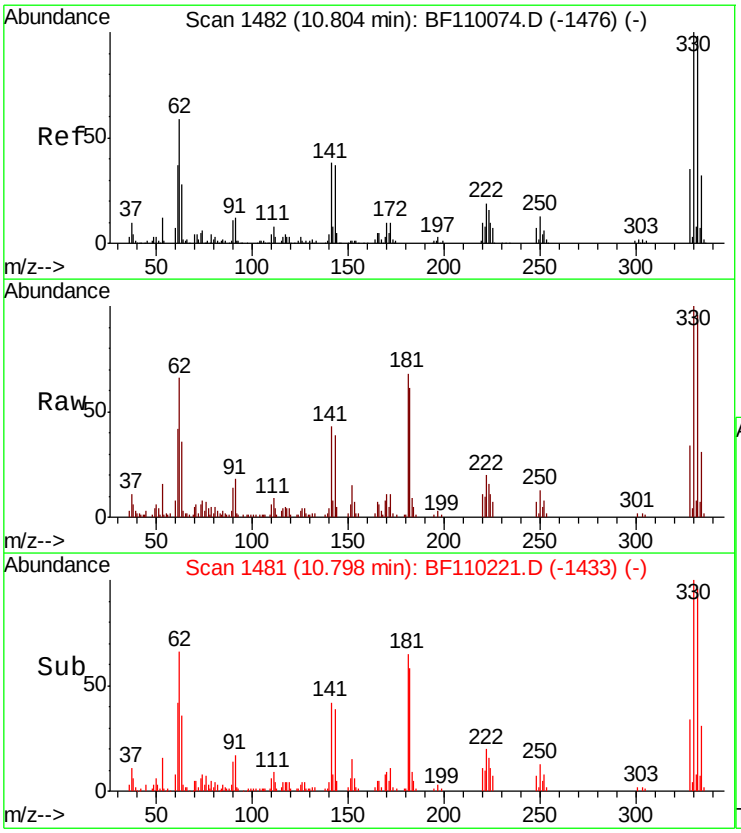
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 208577

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.6
160	46.9	37.0	55.6

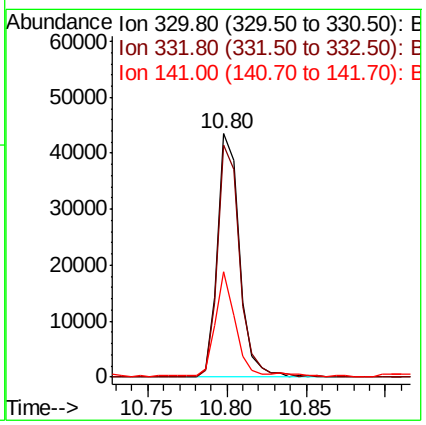


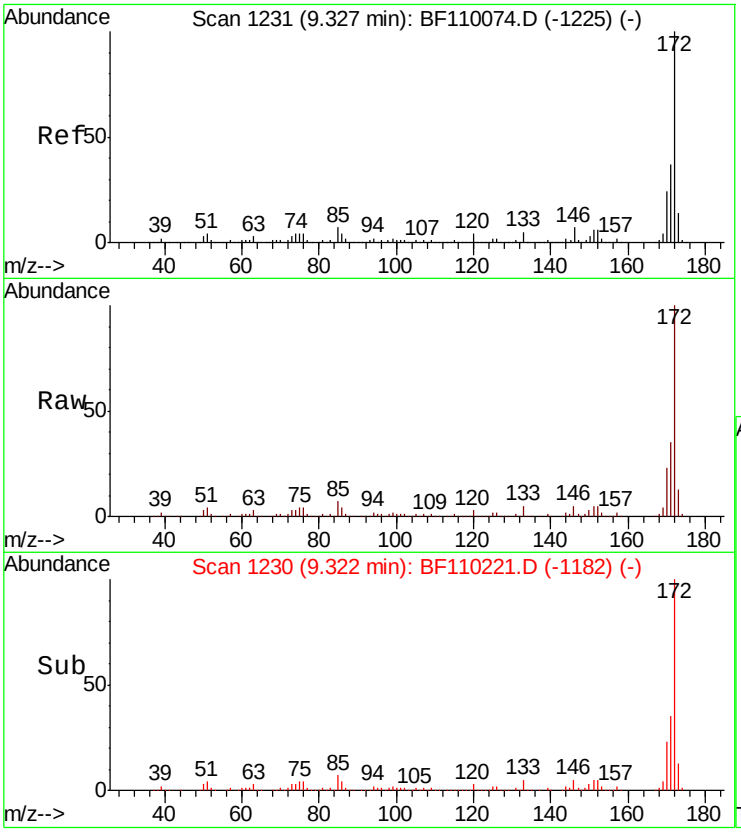


#42
2,4,6-Tribromophenol
Concen: 20.323 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Tgt Ion:330 Resp: 41990

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	42.9	27.0	40.4#



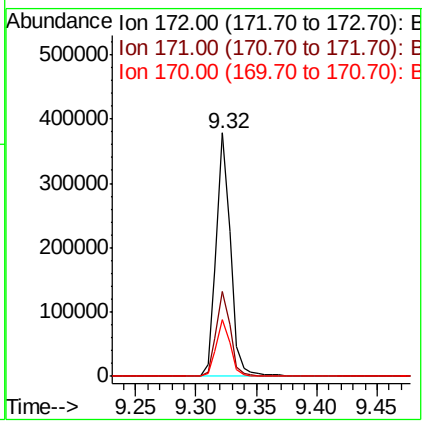


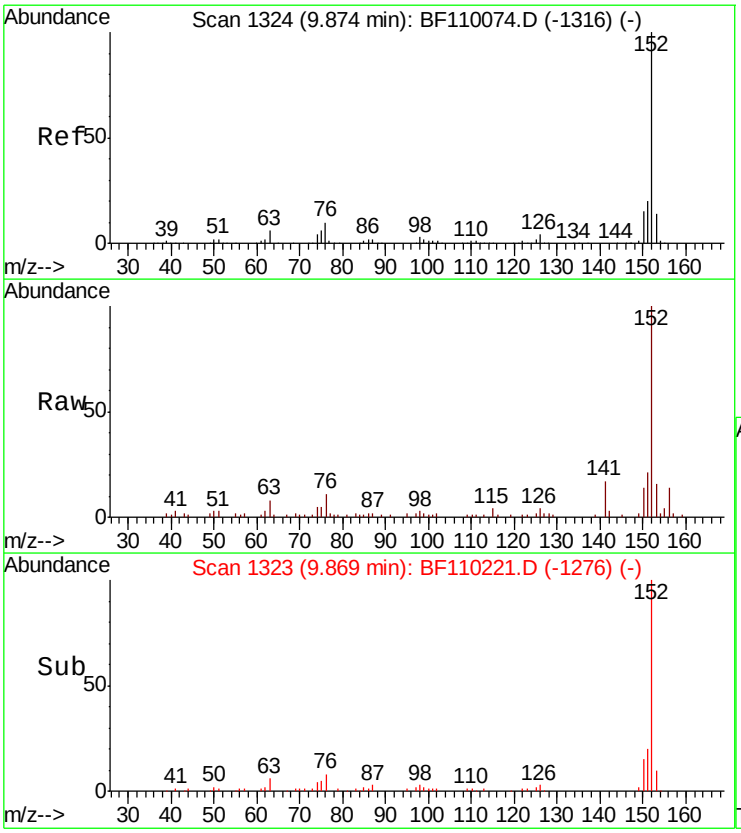
#45
2-Fluorobiphenyl
Concen: 23.060 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 306306

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	43.0
170	23.2	19.7	29.5

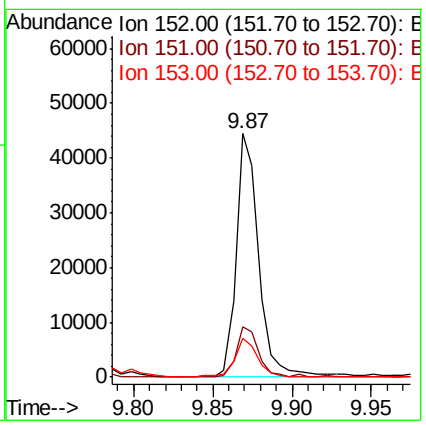


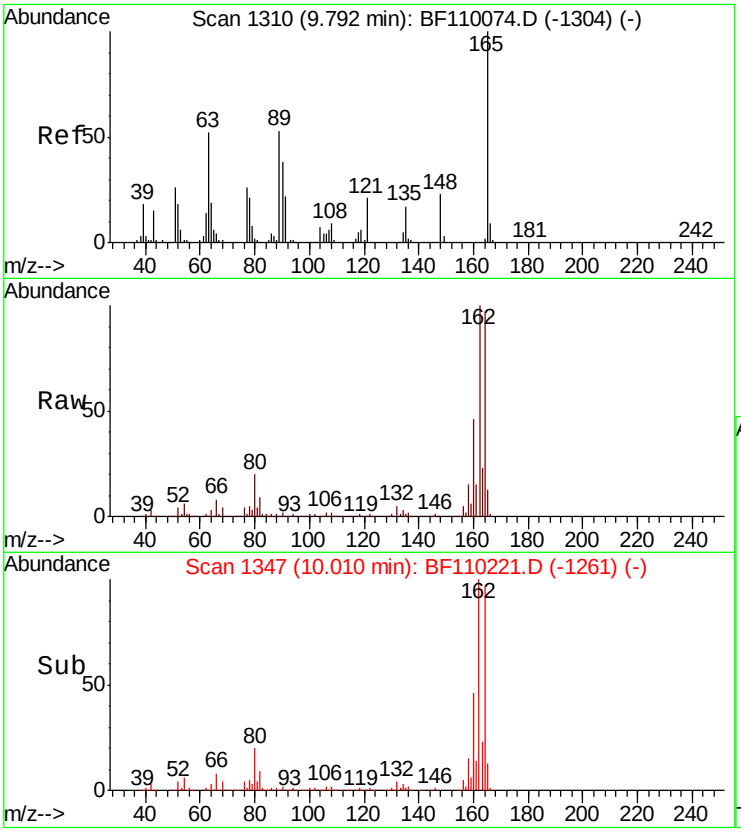


#49
Acenaphthylene
Concen: 2.180 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Tgt Ion:152 Resp: 43563

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.8
153	15.8	10.4	15.6#



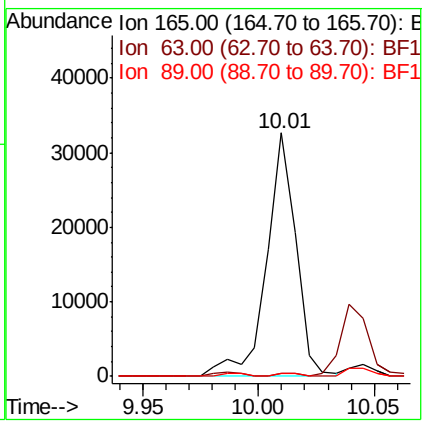


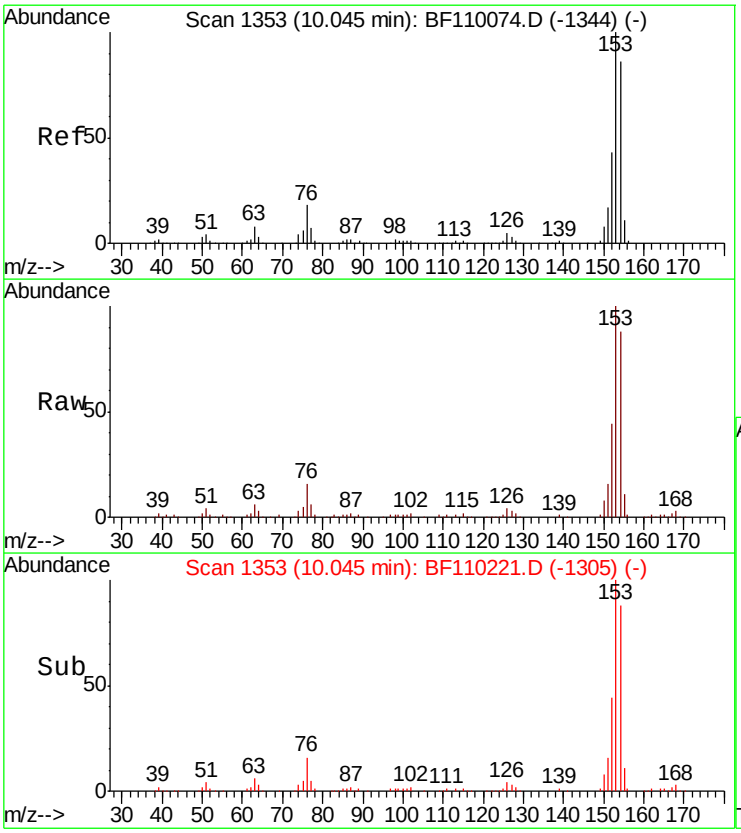
#51
2,6-Dinitrotoluene
Concen: 8.714 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28900

Ion	Ratio	Lower	Upper
165	100		
63	1.2	48.9	73.3#
89	1.3	46.6	69.8#

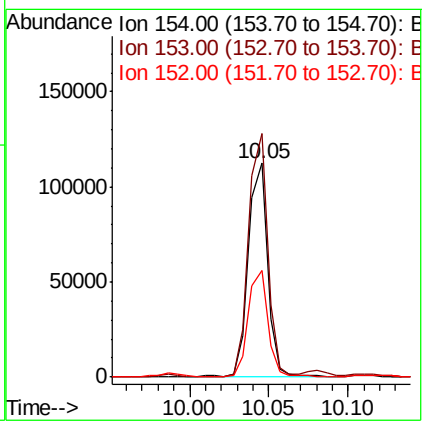


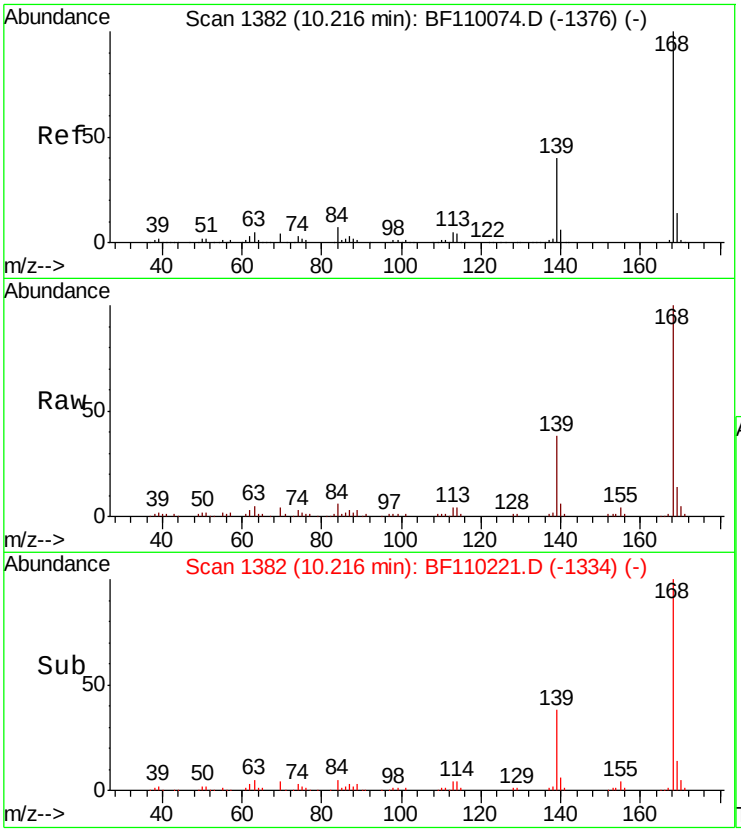


#52
Acenaphthene
Concen: 7.269 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Tgt Ion:154 Resp: 96098

Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.1	135.1
152	49.9	43.4	65.2



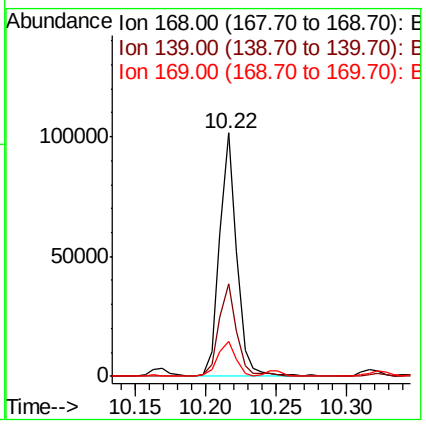


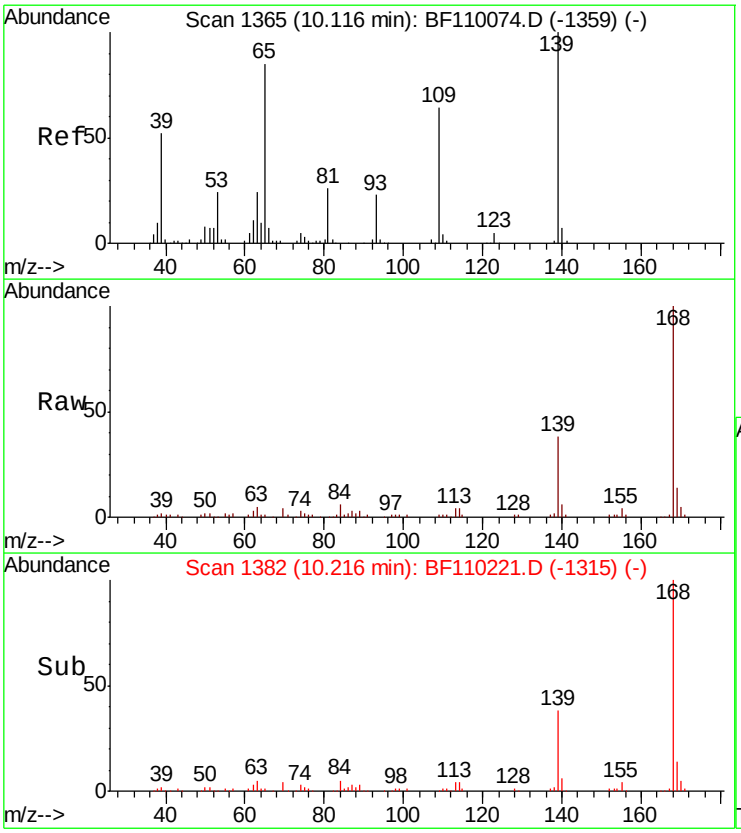
#55
Dibenzofuran
Concen: 4.679 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 86599

Ion	Ratio	Lower	Upper
168	100		
139	37.9	33.0	49.6
169	14.3	11.3	16.9

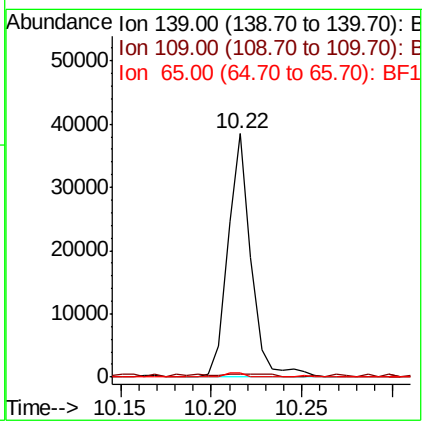


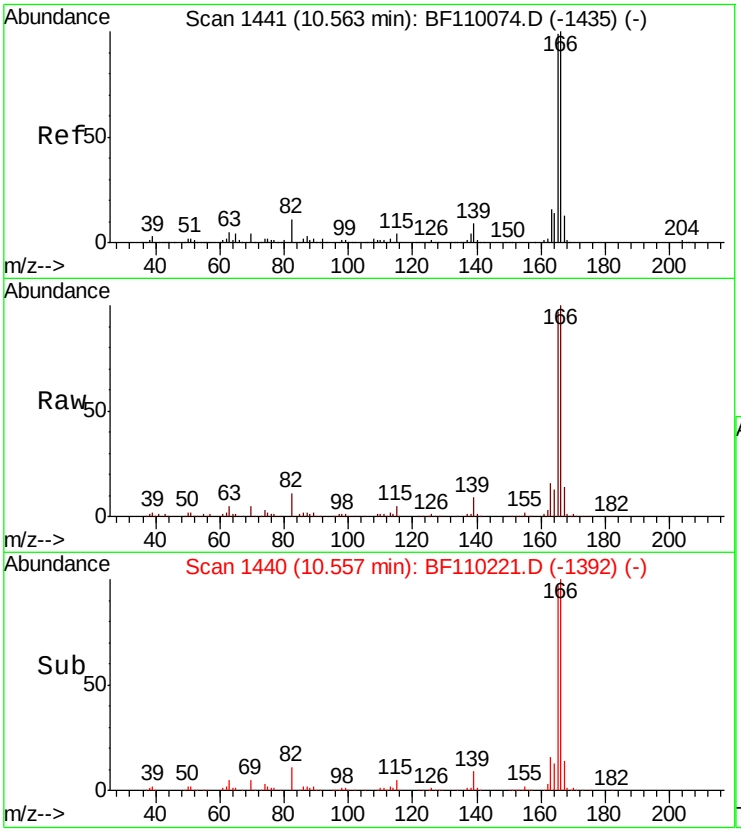


#56
4-Nitrophenol
Concen: 11.679 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.09 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Tgt Ion:139 Resp: 34090

Ion	Ratio	Lower	Upper
139	100		
109	1.4	55.8	95.8#
65	1.8	77.9	117.9#



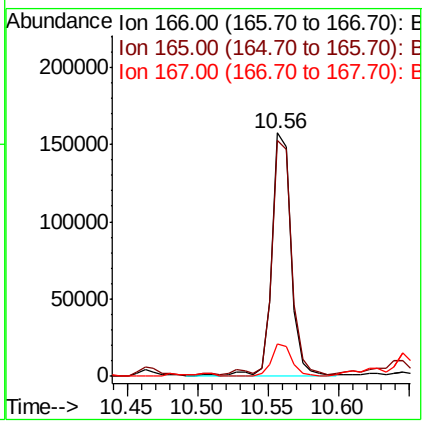


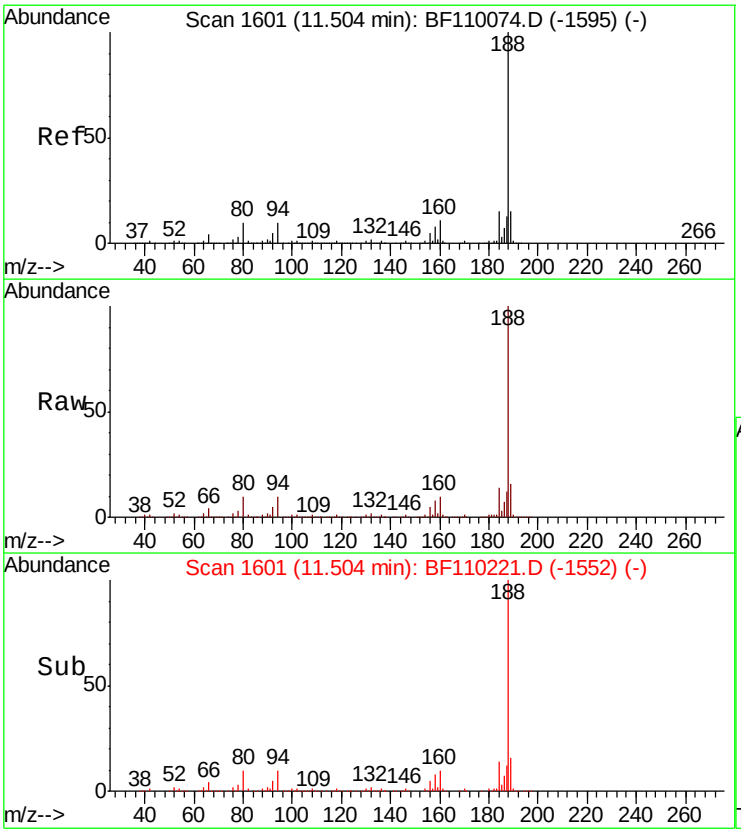
#58
Fluorene
Concen: 10.842 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 149350

Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.6	117.8
167	13.5	10.8	16.2

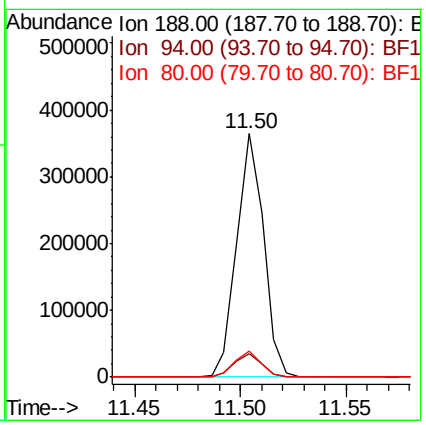


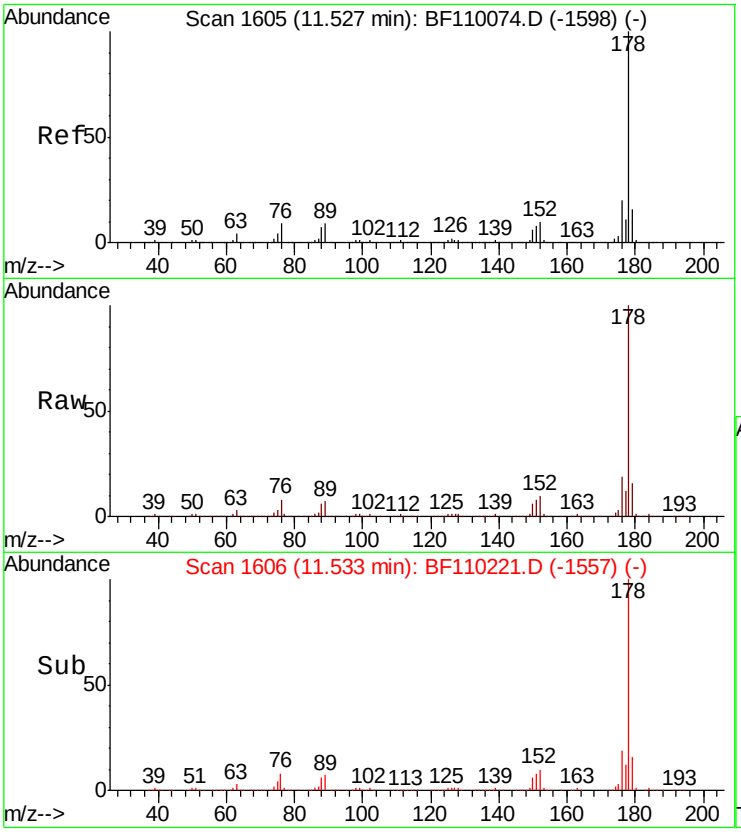


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Tgt Ion:188 Resp: 322480

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.5	7.9	11.9



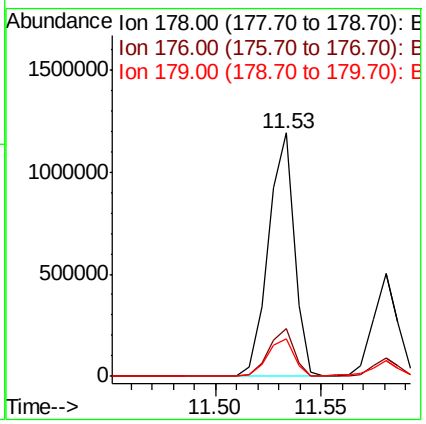


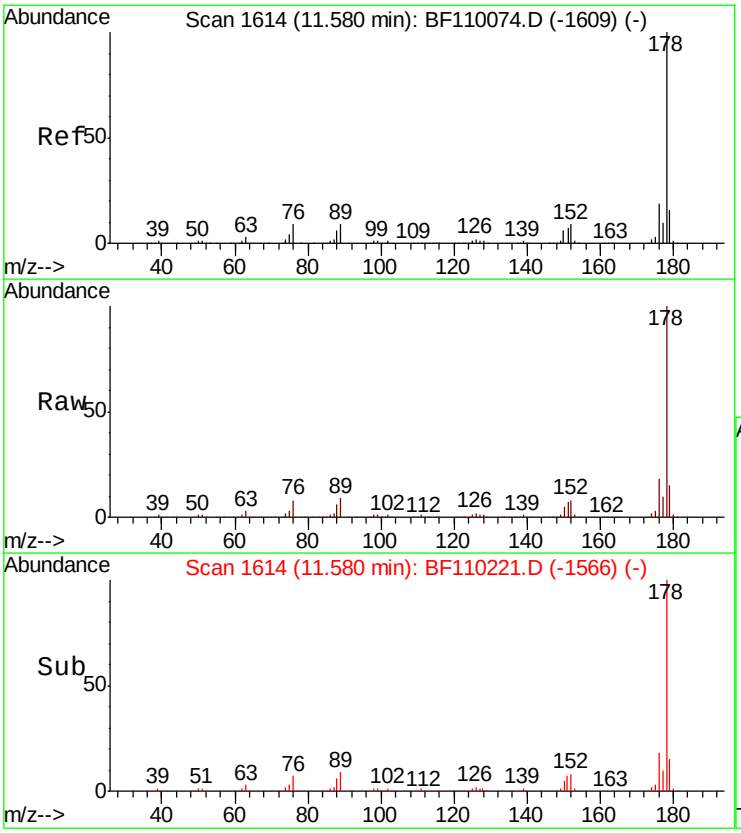
#71
Phenanthrene
Concen: 60.137 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1014732

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.7	12.5	18.7

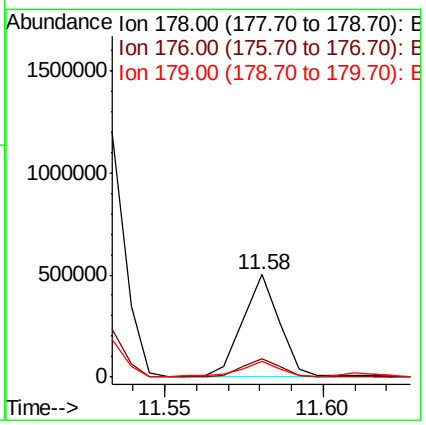


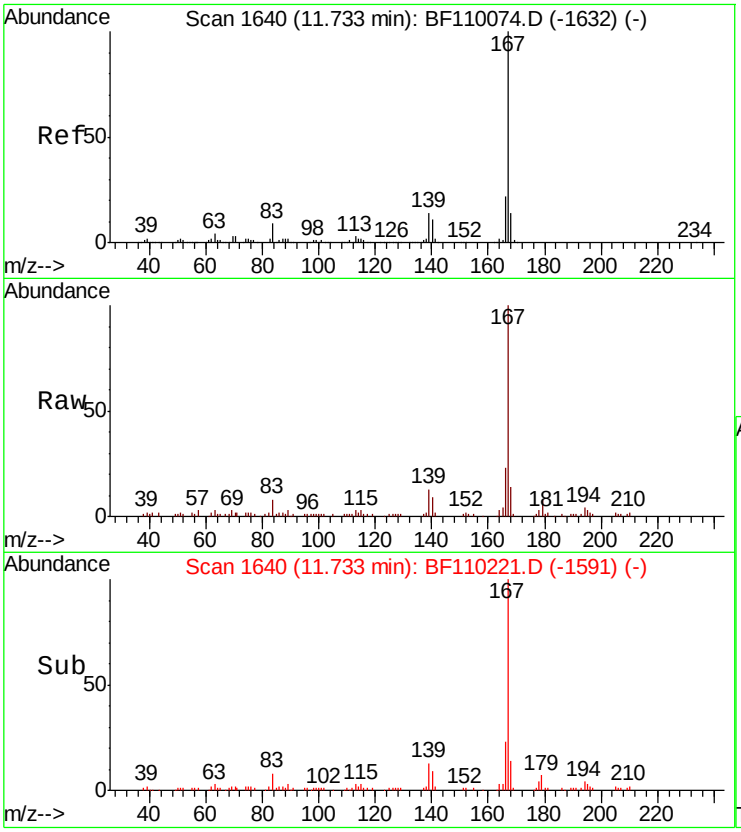


#72
Anthracene
Concen: 23.360 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Tgt Ion:178 Resp: 395090

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.4	12.6	18.8



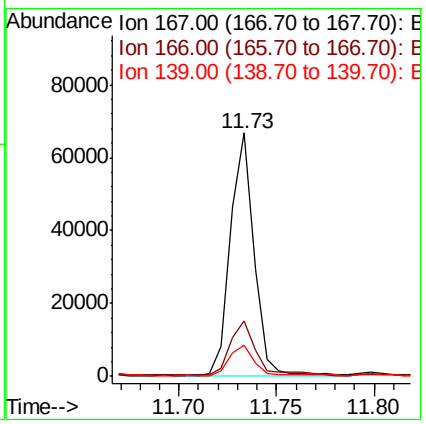


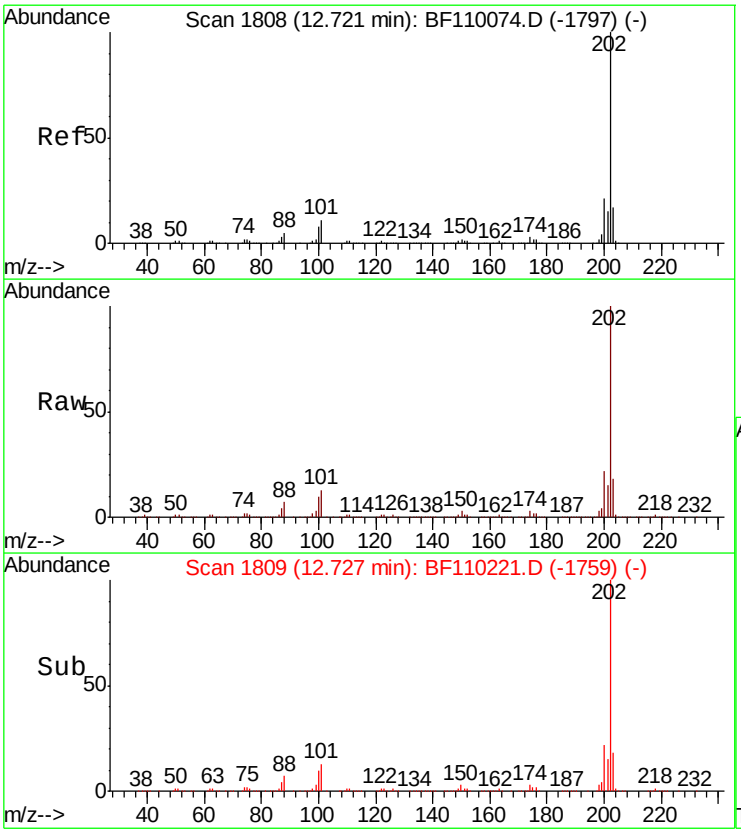
#73
Carbazole
Concen: 3.450 ng
RT: 11.73 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 56968

Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.4	26.0
139	12.7	10.9	16.3

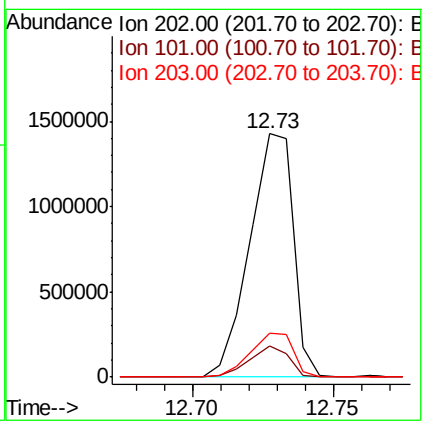


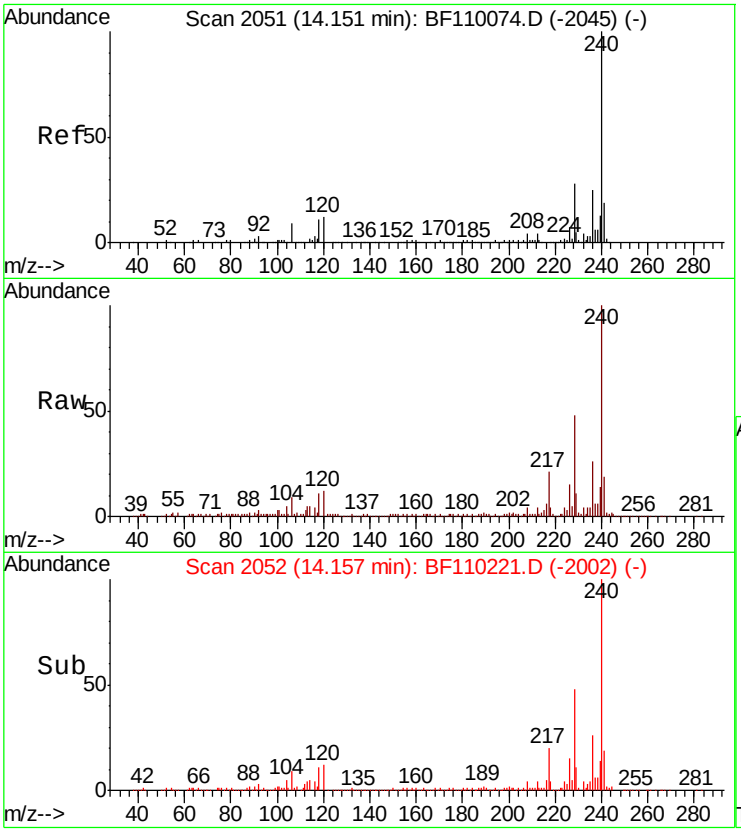


#75
Fluoranthene
Concen: 89.331 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Tgt Ion:202 Resp: 1529780

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.4
203	18.2	0.0	37.7



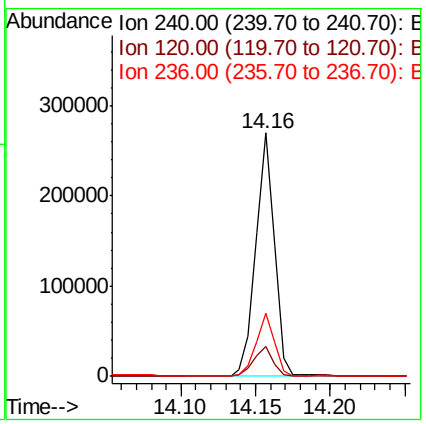


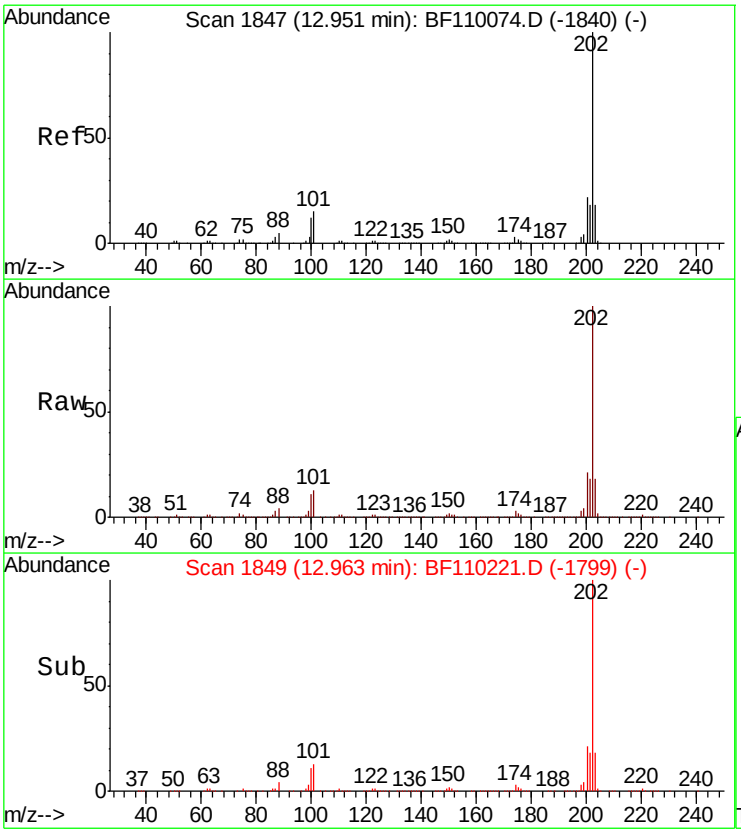
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 230372

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.3	12.5
236	26.0	21.2	31.8

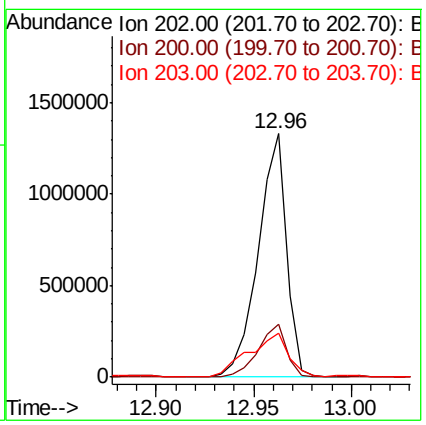


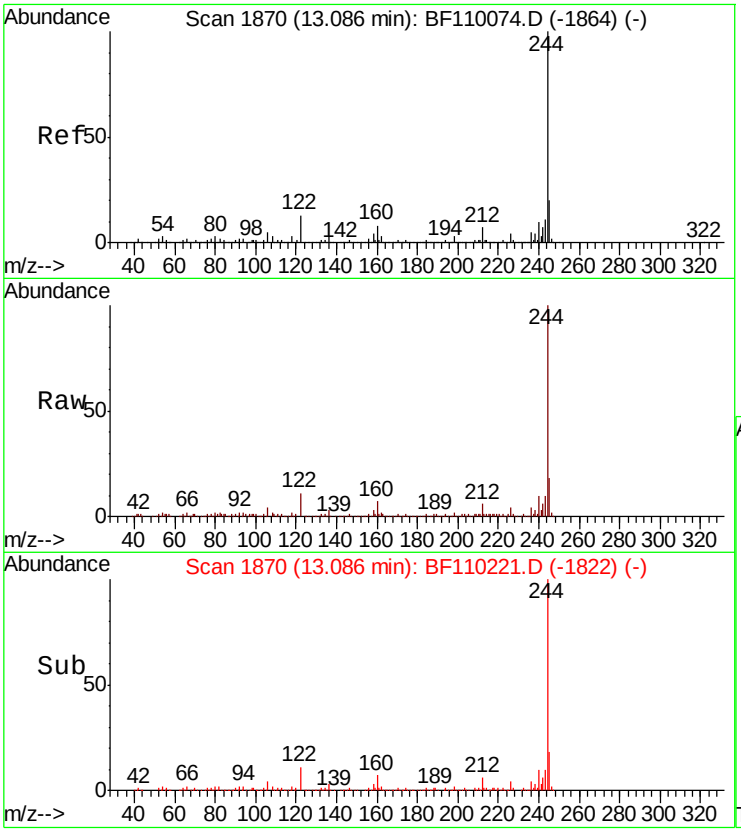


#78
Pyrene
Concen: 81.252 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Tgt Ion:202 Resp: 1341937

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.6
203	18.2	14.2	21.4



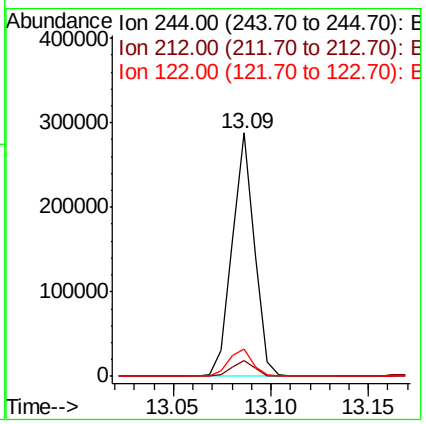


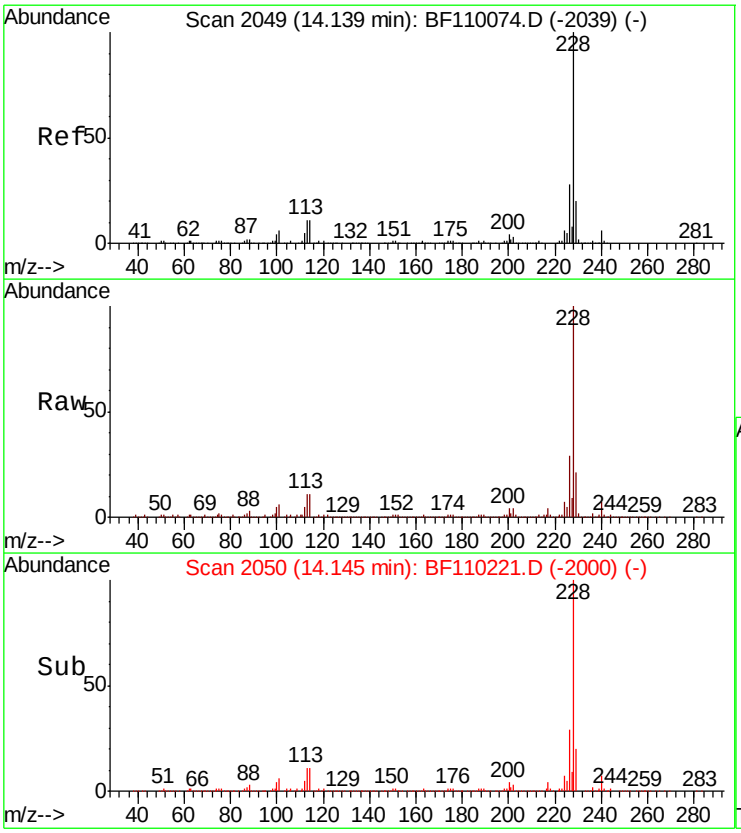
#79
Terphenyl-d14
Concen: 20.552 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 227662

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	11.3	8.7	13.1

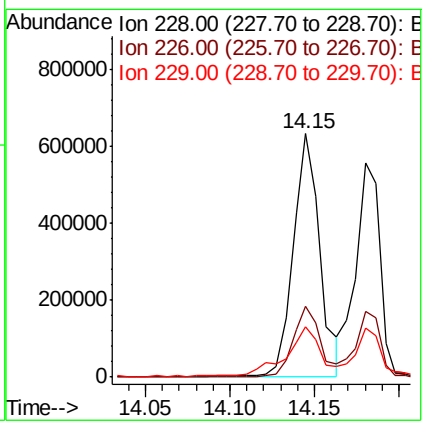


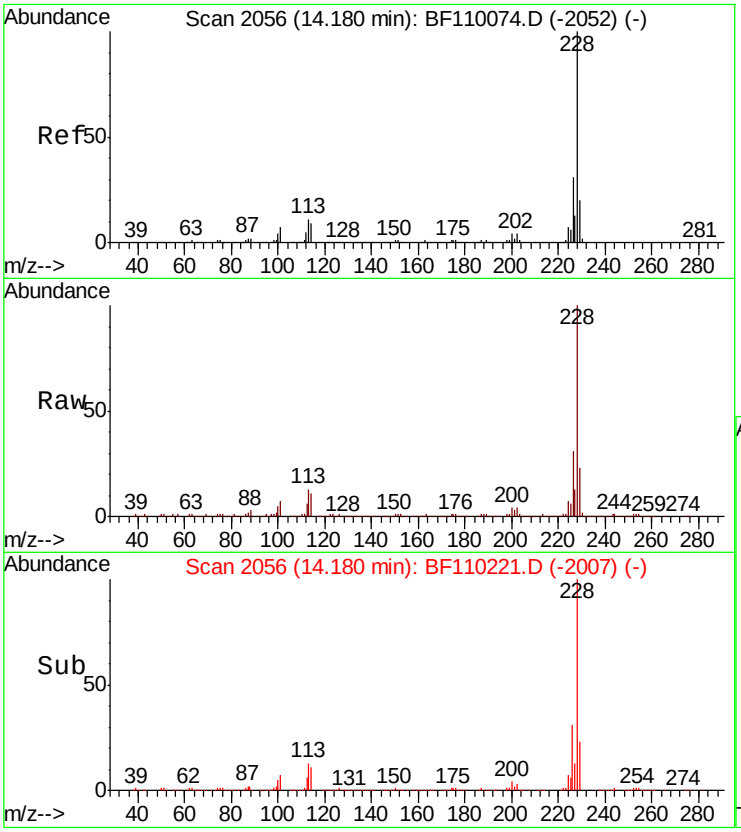


#81
Benzo(a)anthracene
Concen: 50.788 ng
RT: 14.15 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Tgt Ion:228 Resp: 693837

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.1	33.1
229	20.5	15.6	23.4



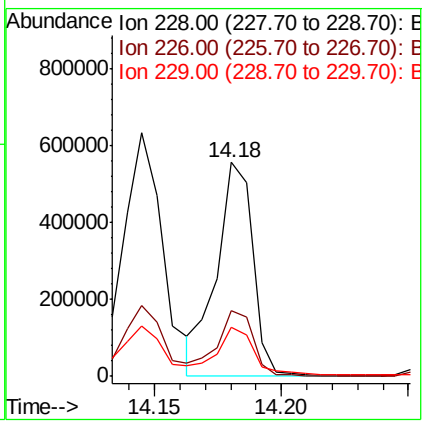


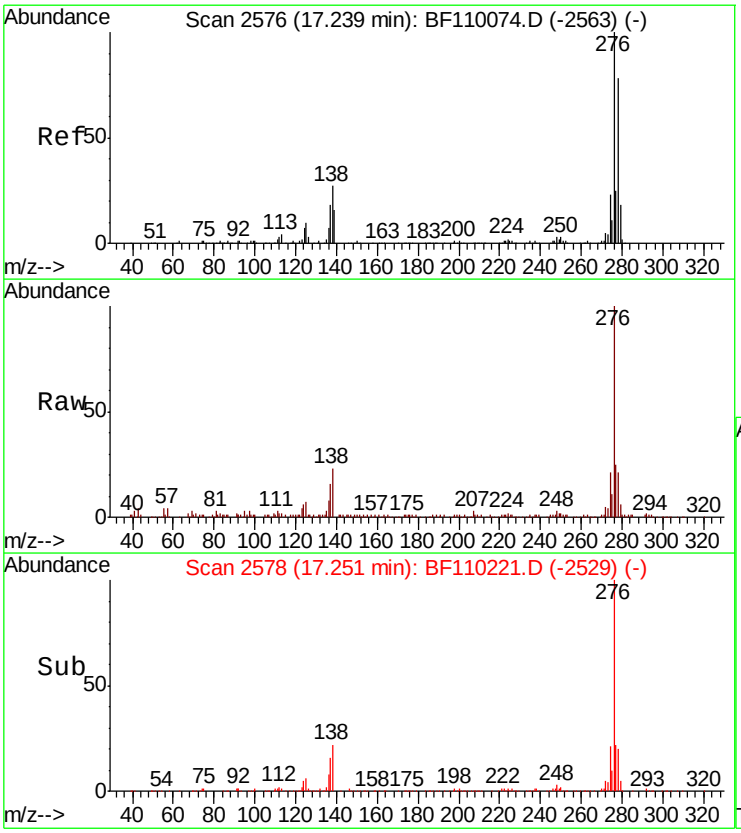
#83
Chrysene
Concen: 42.404 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 550232

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	23.1	15.9	23.9

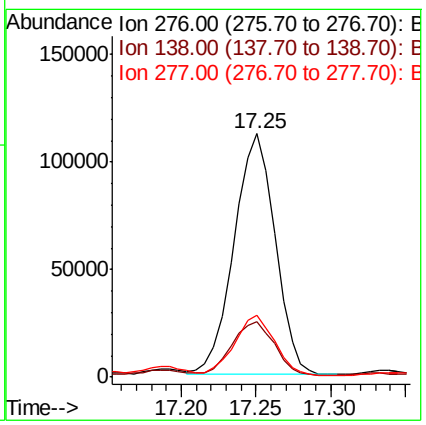


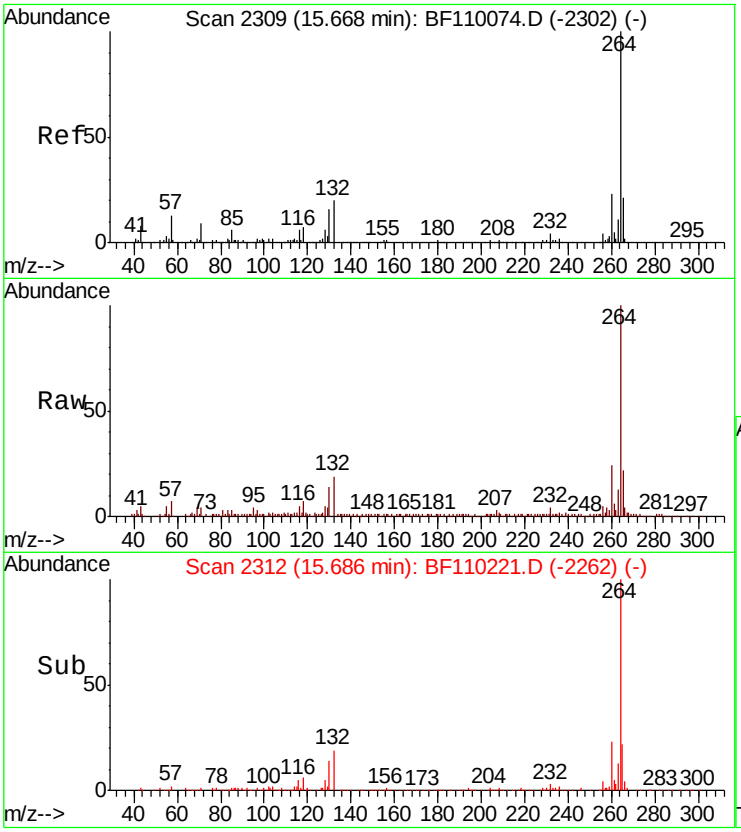


#86
Indeno(1,2,3-cd)pyrene
Concen: 19.825 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Tgt Ion:276 Resp: 213408

Ion	Ratio	Lower	Upper
276	100		
138	23.5	18.5	27.7
277	24.9	20.0	30.0



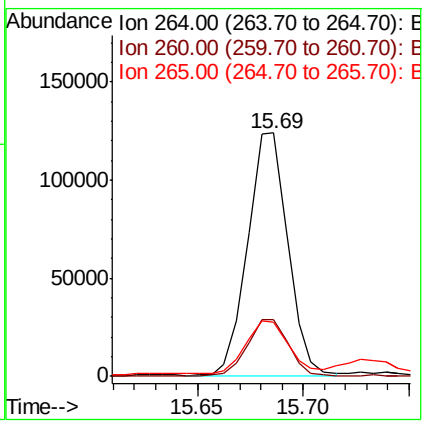


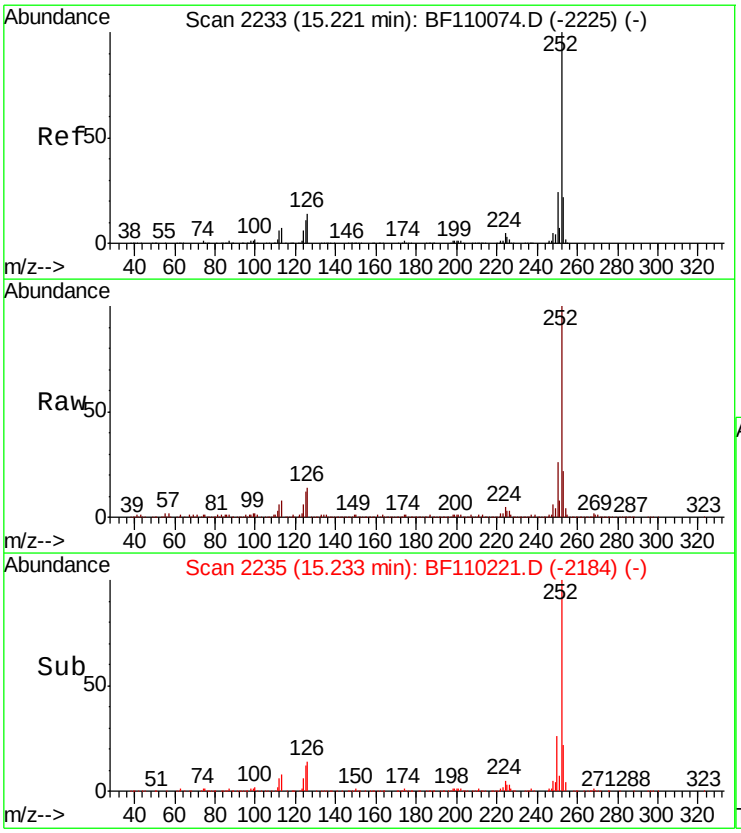
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 163548

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.2	16.7	25.1

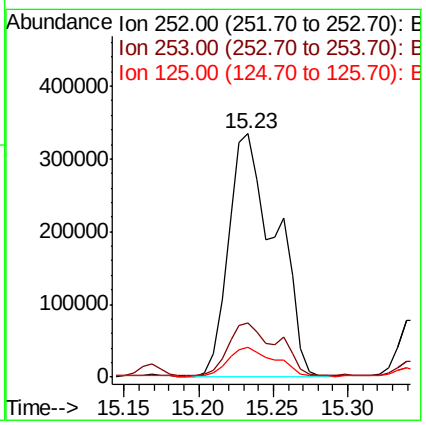


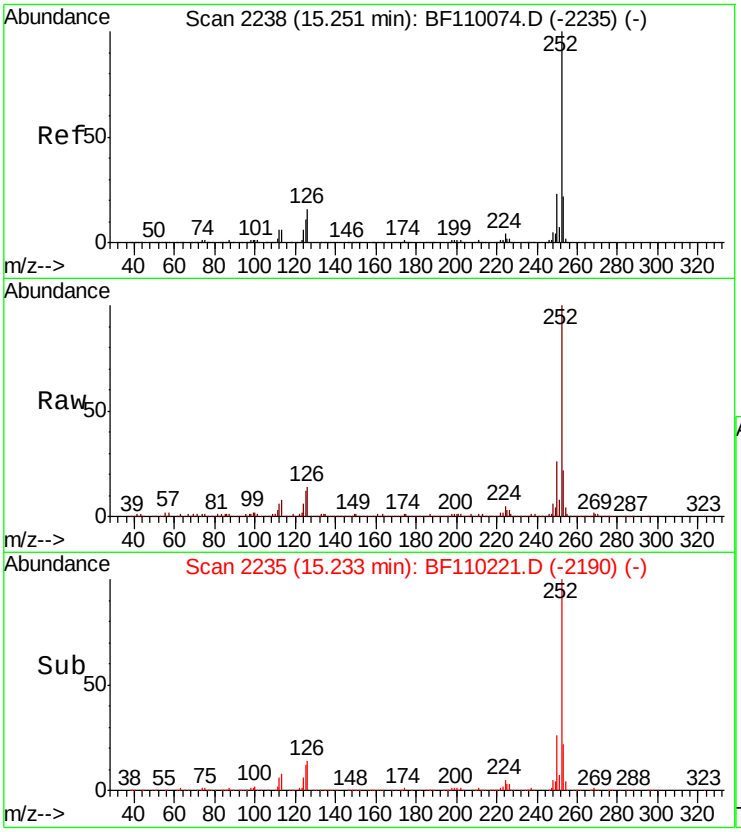


#88
Benzo(b)fluoranthene
Concen: 77.520 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Tgt Ion:252 Resp: 732119

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	12.3	8.2	12.4



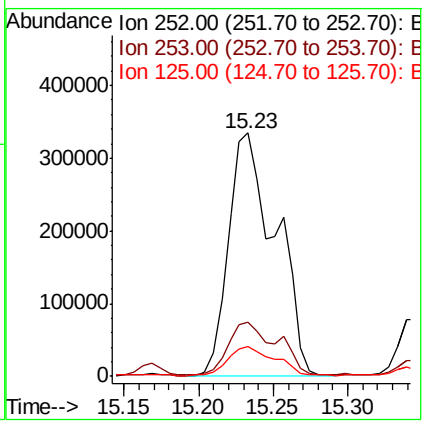


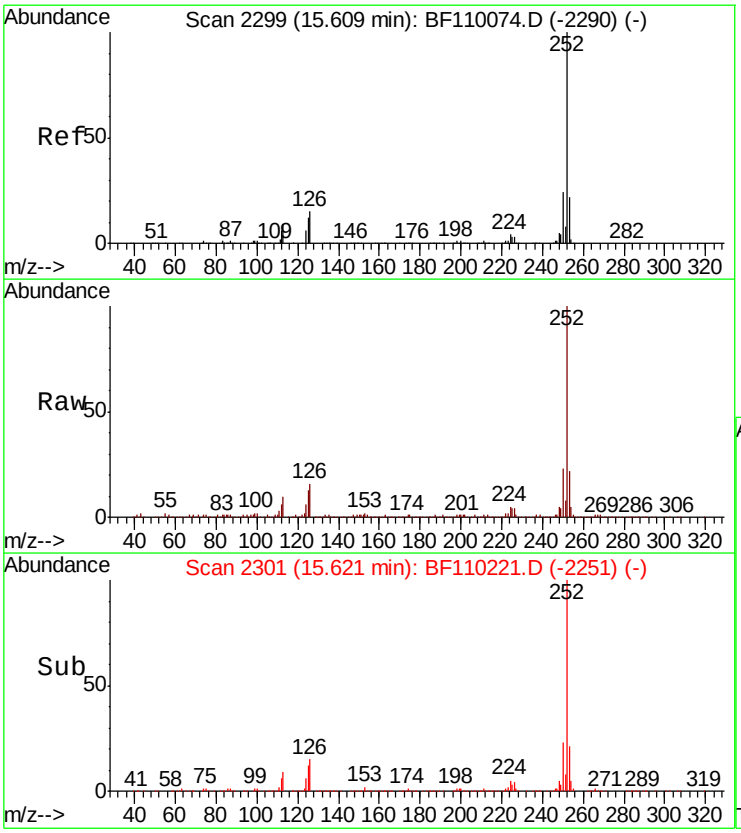
#89
Benzo(k)fluoranthene
Concen: 78.852 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.04 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 732119

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	12.3	7.4	11.0#

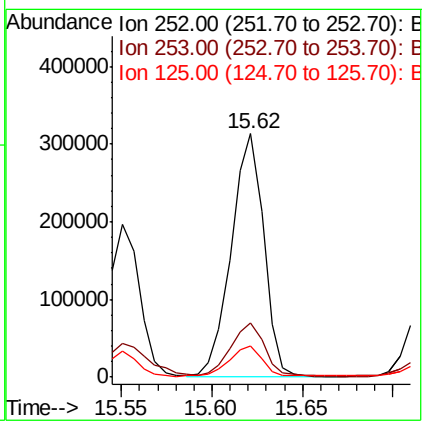


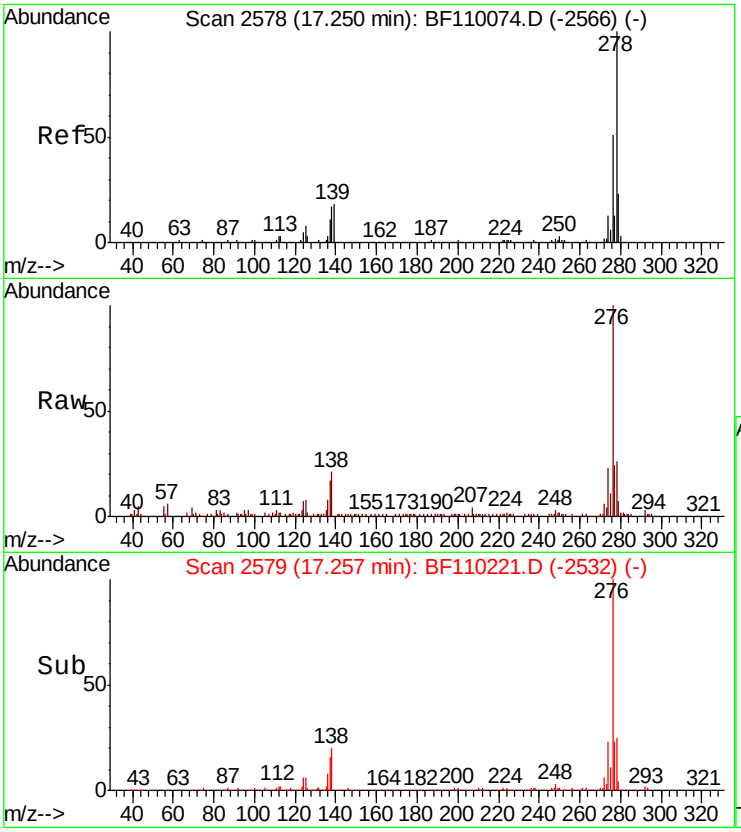


#90
Benzo(a)pyrene
Concen: 44.830 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Tgt Ion:252 Resp: 389589

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	12.5	9.0	13.6



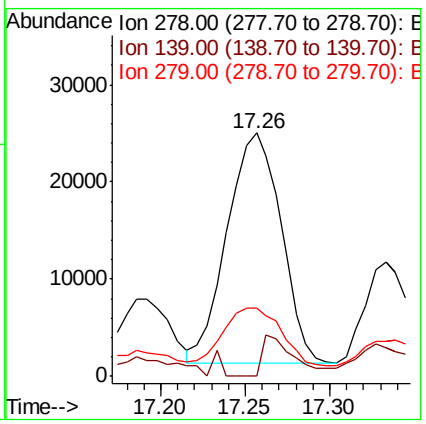


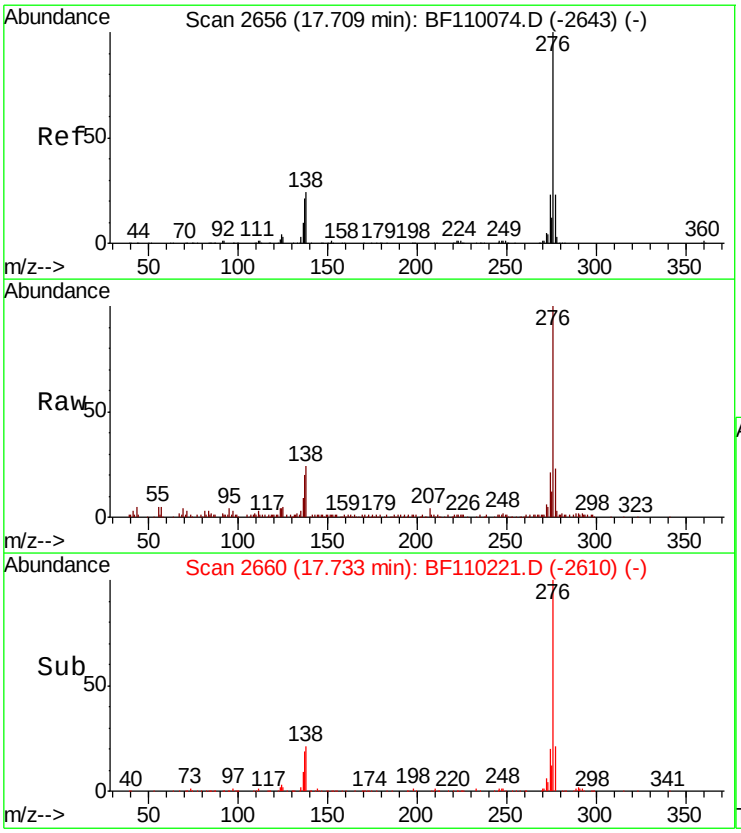
#91
Dibenzo(a,h)anthracene
Concen: 7.038 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.02 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 52771

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	28.0	19.0	28.4





#92
Benzo(g,h,i)perylene
Concen: 27.123 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BF110221.D
Acq: 26 Oct 2018 20:31

Tgt Ion:276 Resp: 200412

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	23.9	16.0	24.0