Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110123.D
Acq On : 24 Oct 2018 19:00
Operator : JU/SJ
Sample : J5198-25 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 25 02:13:54 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	145200	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	515789	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	193092	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	326671	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	291360	20.00	ng		-0.01
87) Perylene-d12	15.68	264	200289	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	458841	51.46	ng		-0.02
7) Phenol-d6	6.58	99	551877	48.39	ng		-0.02
23) Nitrobenzene-d5	7.53	82	305951	35.18	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	87011	45.49	ng		-0.02
45) 2-Fluorobiphenyl	9.32	172	523963	42.61	ng		-0.02
79) Terphenyl-d14	13.09	244	458314	32.71	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	1064	Below Cal		#	1
10) Phenol	6.59	94	31316	2.569	ng	#	72
19) n-Nitroso-di-n-propylamine	7.53	70	41024	5.607	ng	#	78
25) Isophorone	7.53	82	306005	20.643	ng	#	67
49) Acenaphthylene	9.87	152	54702	2.957	ng		98
50) Dimethylphthalate	9.72	163	52785	3.703	ng		100
58) Fluorene	10.56	166	32047	2.513	ng		98
71) Phenanthrene	11.53	178	343263	20.082	ng		99
72) Anthracene	11.58	178	87903	5.131	ng		97
75) Fluoranthene	12.72	202	401252	23.130	ng		99
78) Pyrene	12.95	202	415221	19.878	ng		99
81) Benzo(a)anthracene	14.14	228	199153	11.526	ng		94
83) Chrysene	14.18	228	196425	11.969	ng		99
86) Indeno(1,2,3-cd)pyrene	17.24	276	68527	5.033	ng		98
88) Benzo(b)fluoranthene	15.23	252	227808	19.696	ng	#	89
89) Benzo(k)fluoranthene	15.23	252	227808	20.035	ng	#	88
90) Benzo(a)pyrene	15.62	252	117461	11.037	ng	#	97
91) Dibenzo(a,h)anthracene	17.26	278	18928	2.061	ng	#	67
92) Benzo(g,h,i)perylene	17.72	276	61728	6.822	ng	#	91

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

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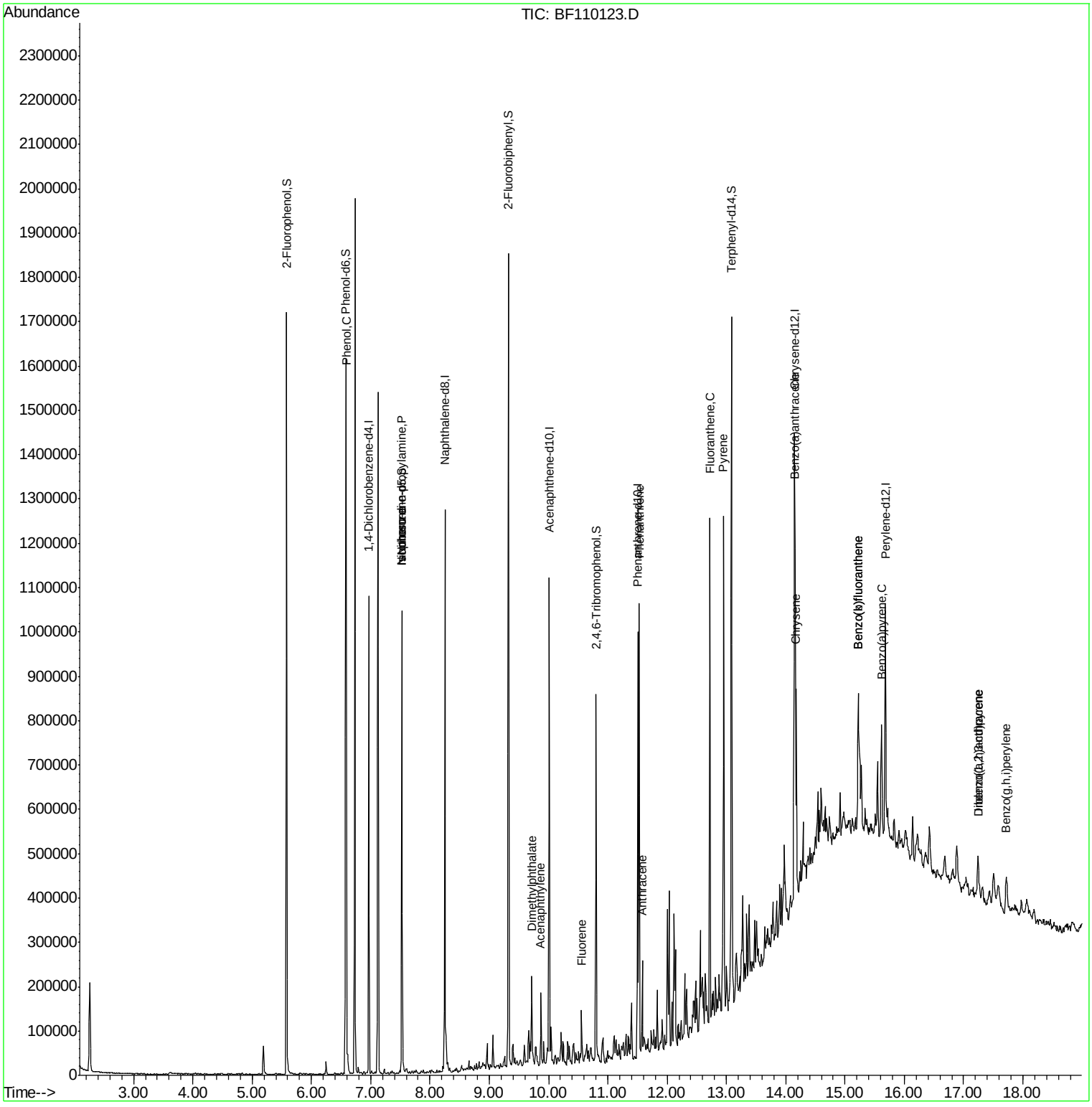
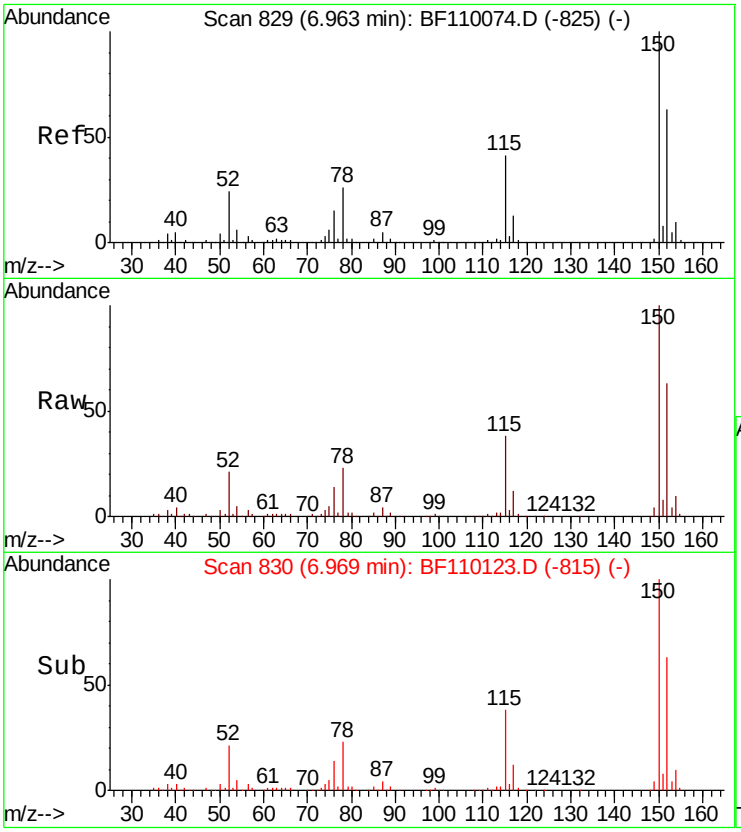


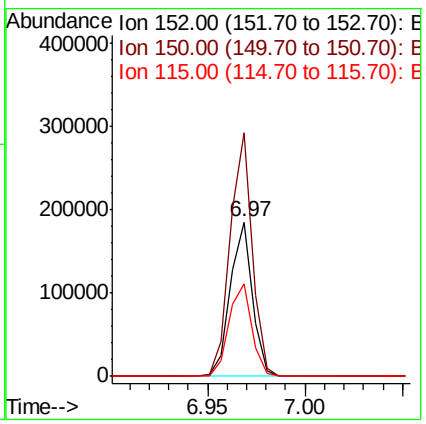


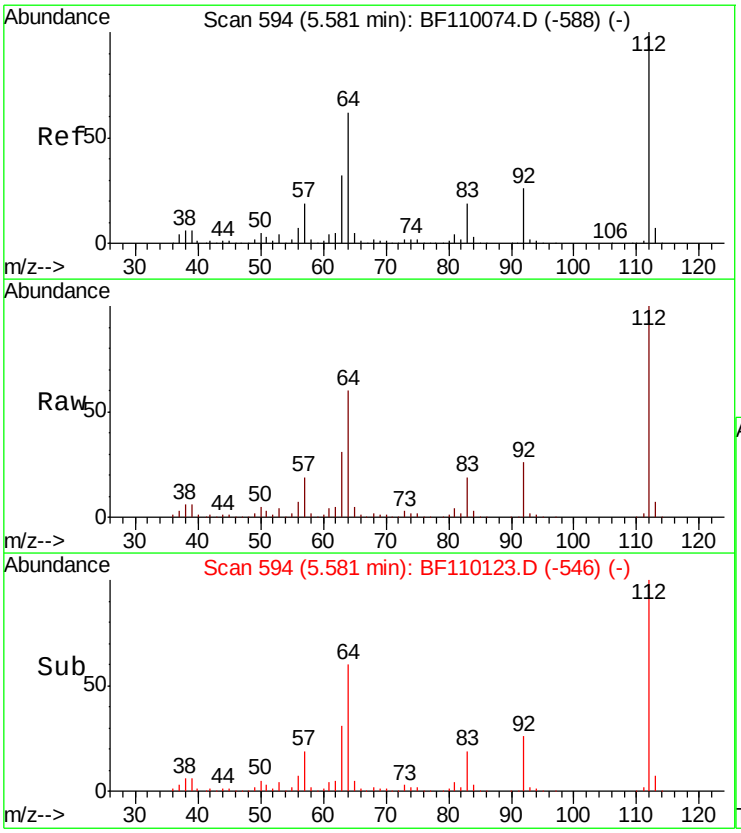
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 145200

Ion	Ratio	Lower	Upper
152	100		
150	158.1	122.7	184.1
115	60.5	49.1	73.7

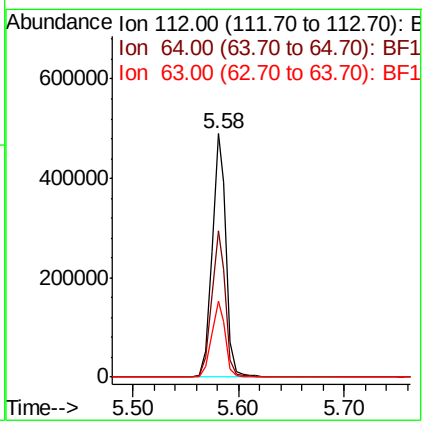


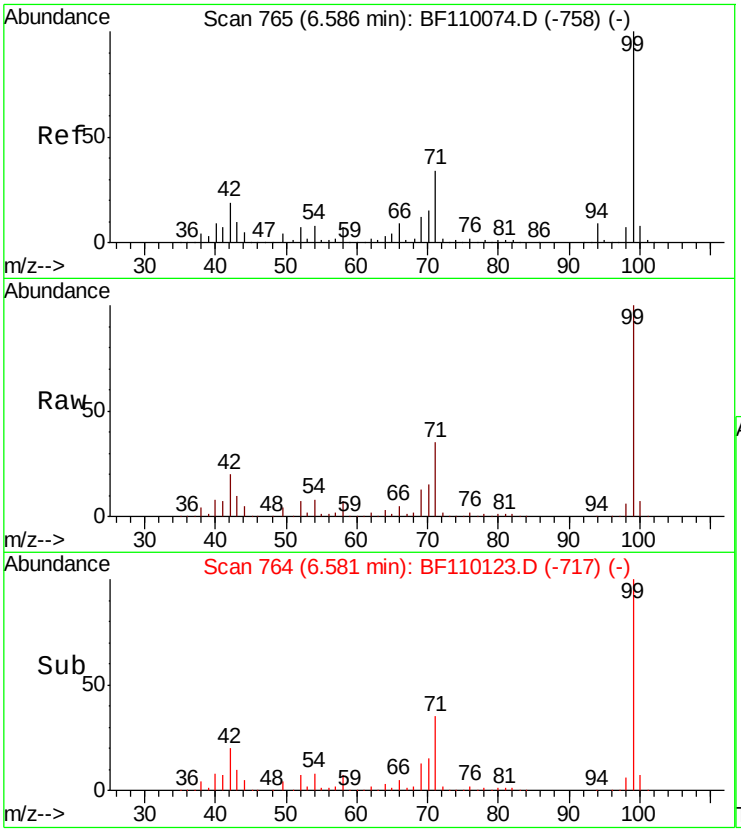


#5
2-Fluorophenol
Concen: 51.460 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Tgt Ion:112 Resp: 458841

Ion	Ratio	Lower	Upper
112	100		
64	60.3	44.1	66.1
63	31.1	23.7	35.5



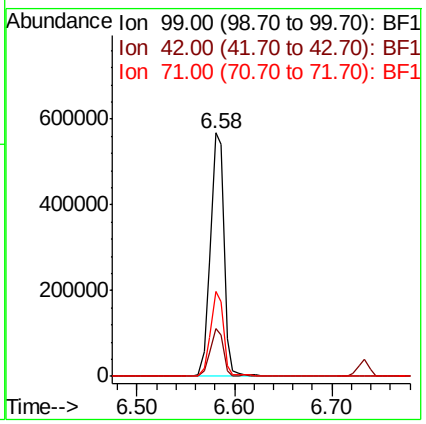


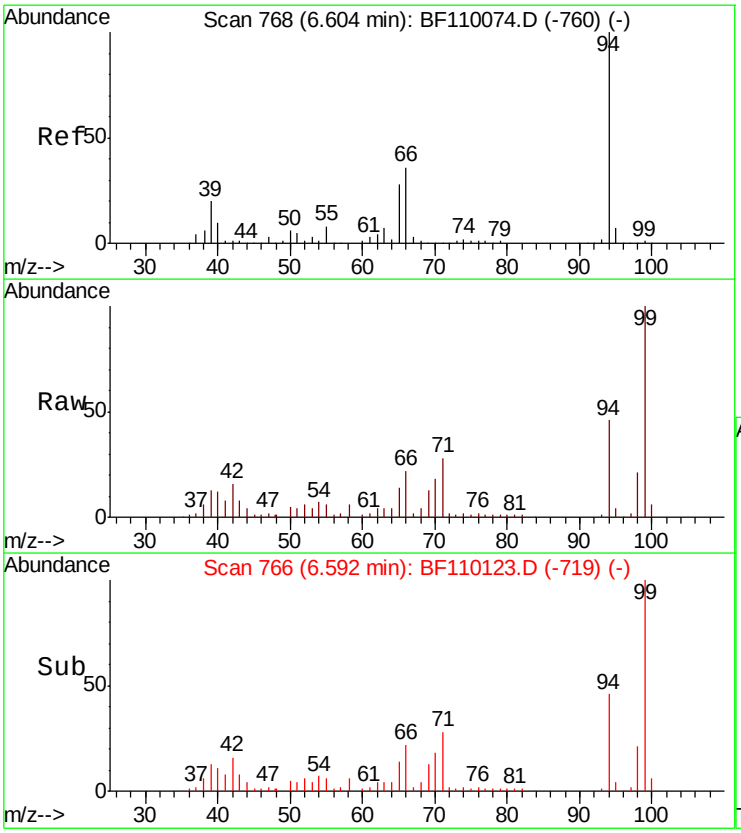
#7
Phenol-d6
Concen: 48.390 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 551877

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	35.0	28.0	42.0

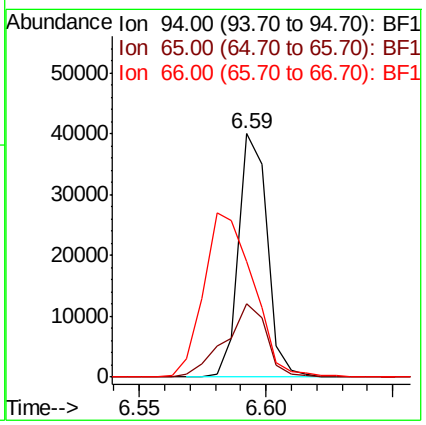


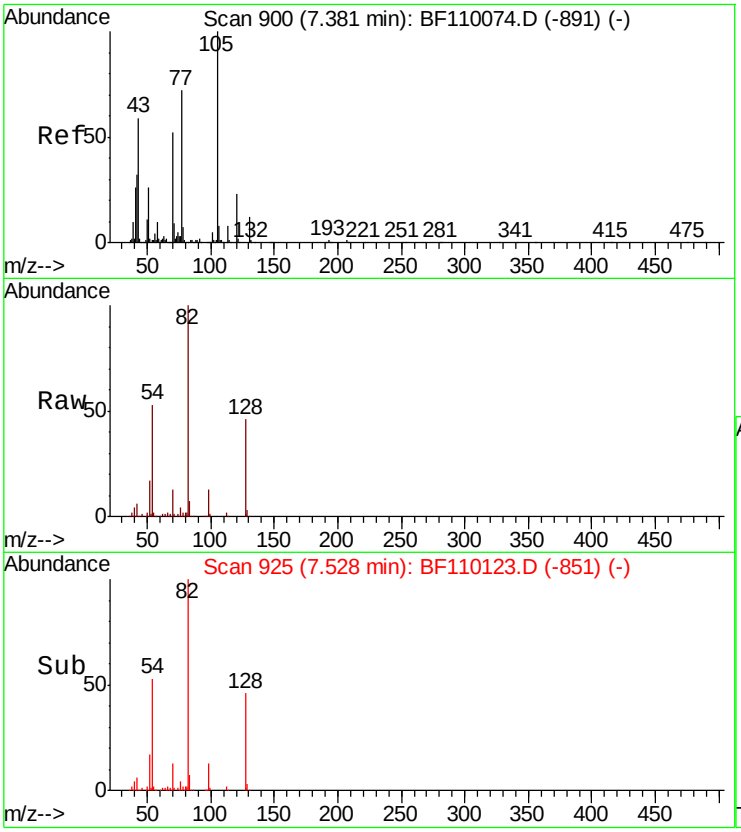


#10
Phenol
Concen: 2.569 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Tgt Ion: 94 Resp: 31316

Ion	Ratio	Lower	Upper
94	100		
65	30.2	25.3	65.3
66	47.5	54.5	94.5#



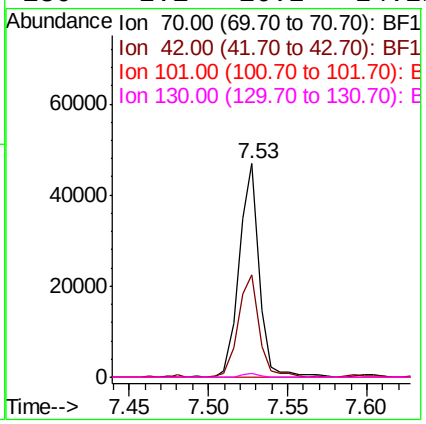


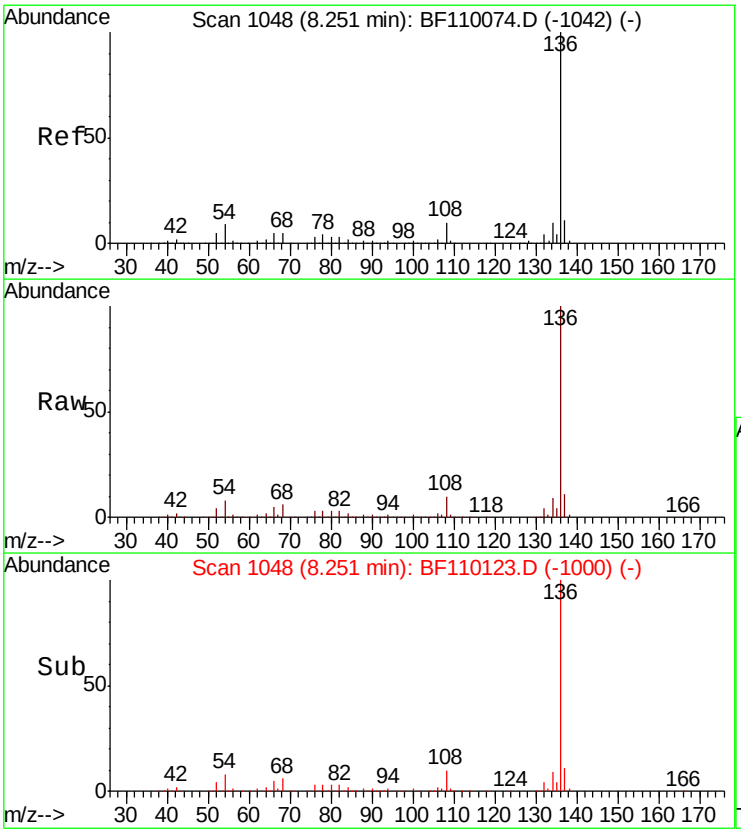
#19
n-Nitroso-di-n-propylamine
Concen: 5.607 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.13 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 41024

Ion	Ratio	Lower	Upper
70	100		
42	48.0	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#

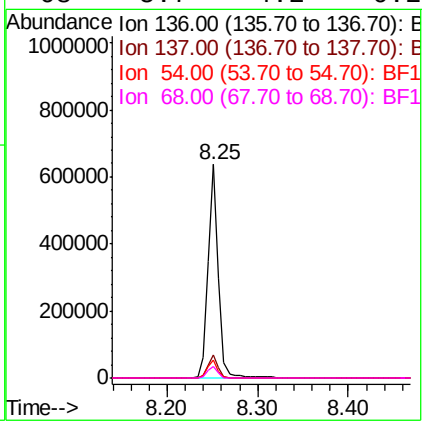


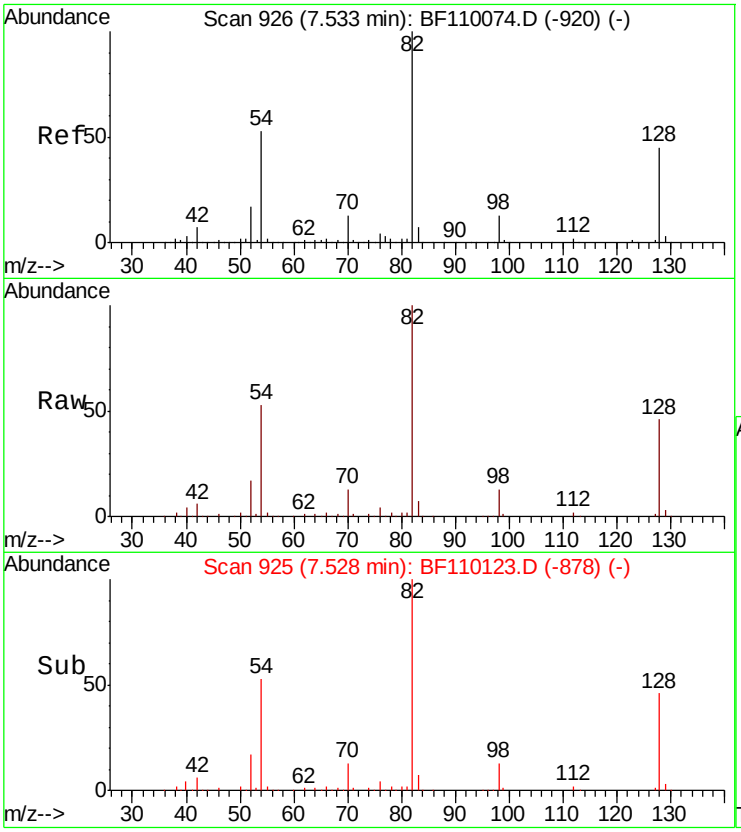


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Tgt Ion:136 Resp: 515789

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.3	5.4	8.2#
68	5.7	4.2	6.2



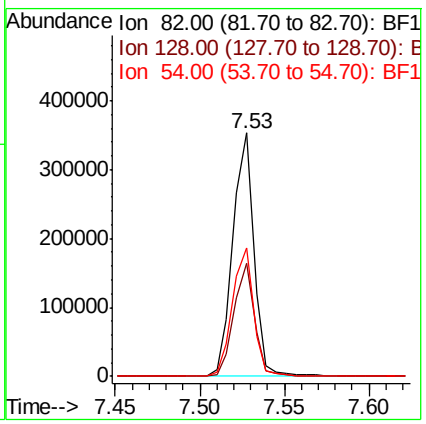


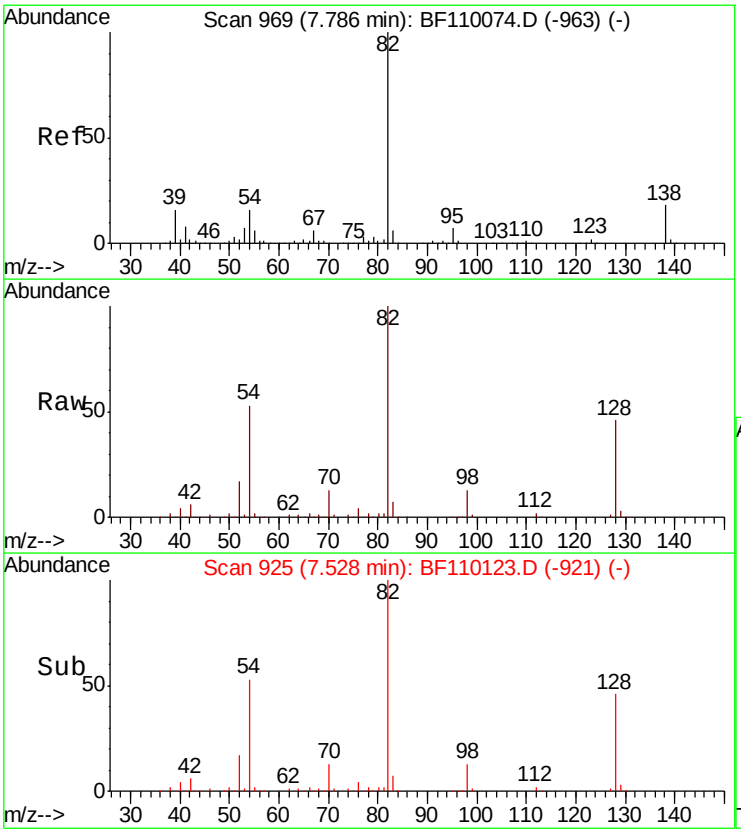
#23
Nitrobenzene-d5
Concen: 35.183 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 305951

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.2	51.2
54	52.8	38.6	58.0

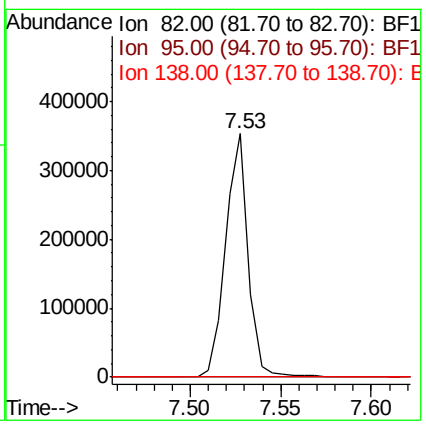


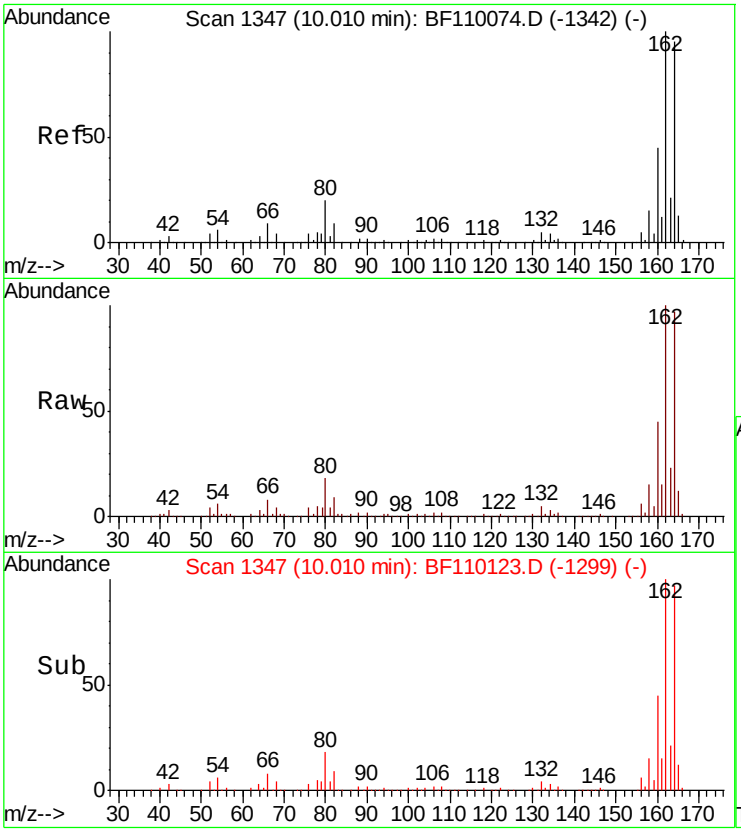


#25
Isophorone
Concen: 20.643 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Tgt Ion: 82 Resp: 306005

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	13.2	19.8#



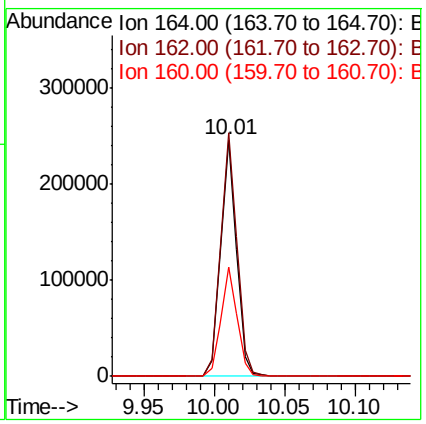


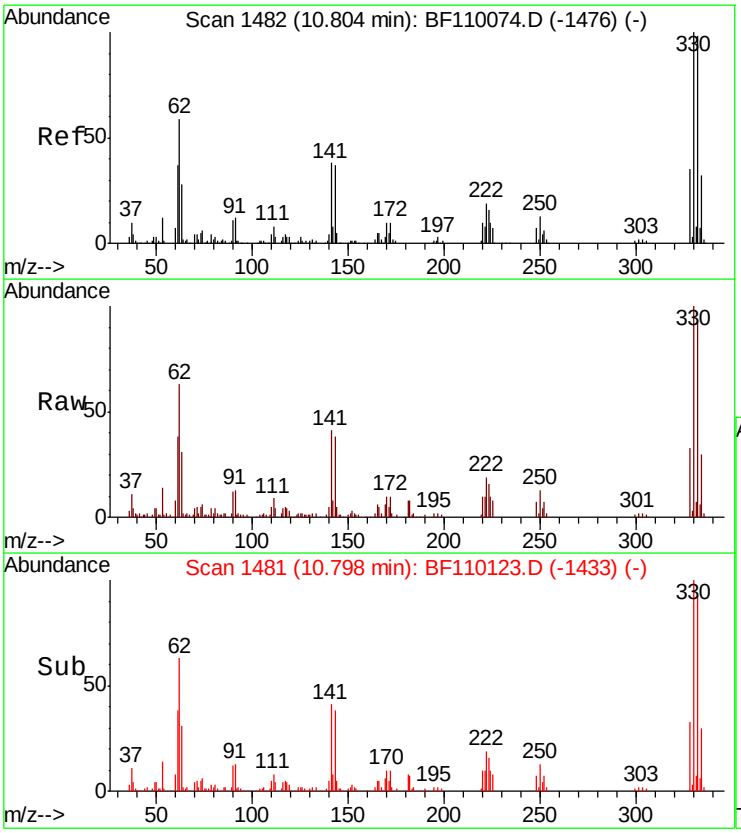
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 193092

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.0	124.6
160	46.1	37.0	55.6

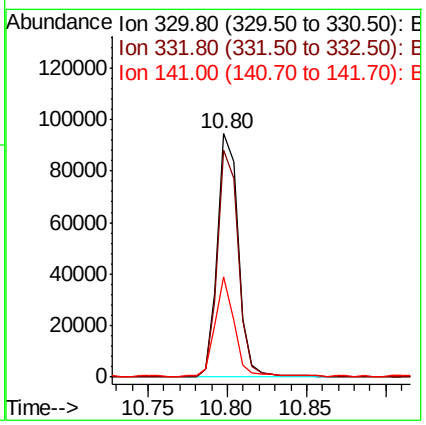


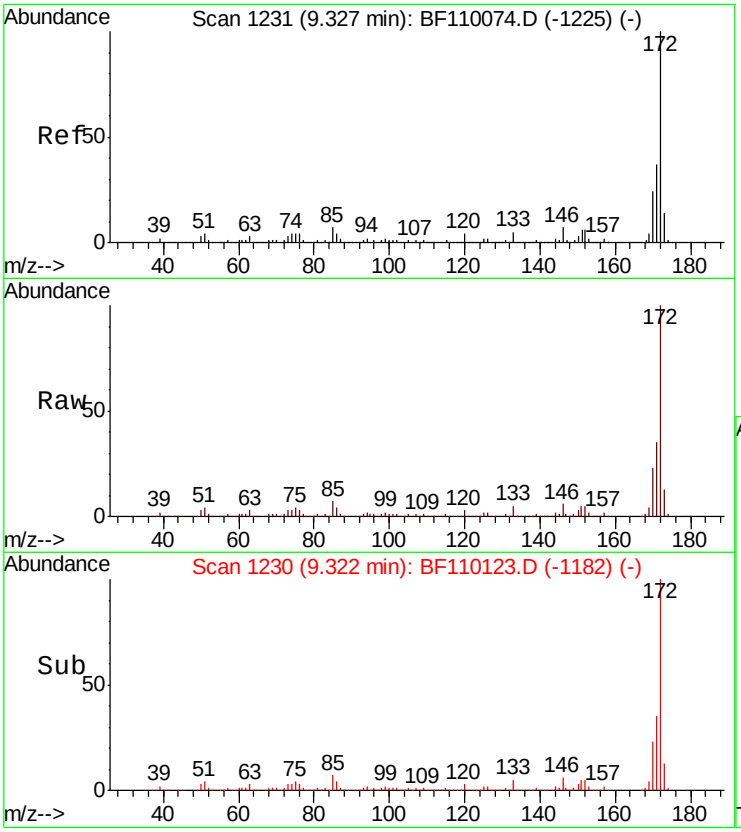


#42
2,4,6-Tribromophenol
Concen: 45.491 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Tgt Ion:330 Resp: 87011

Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.1	115.7
141	36.9	27.0	40.4



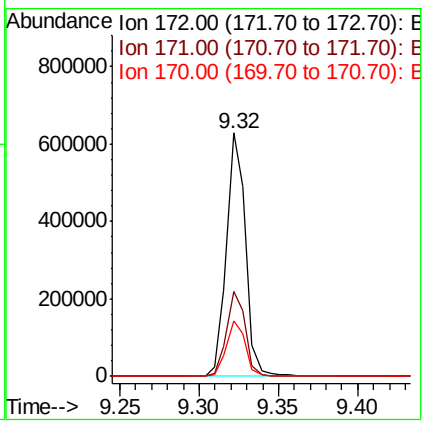


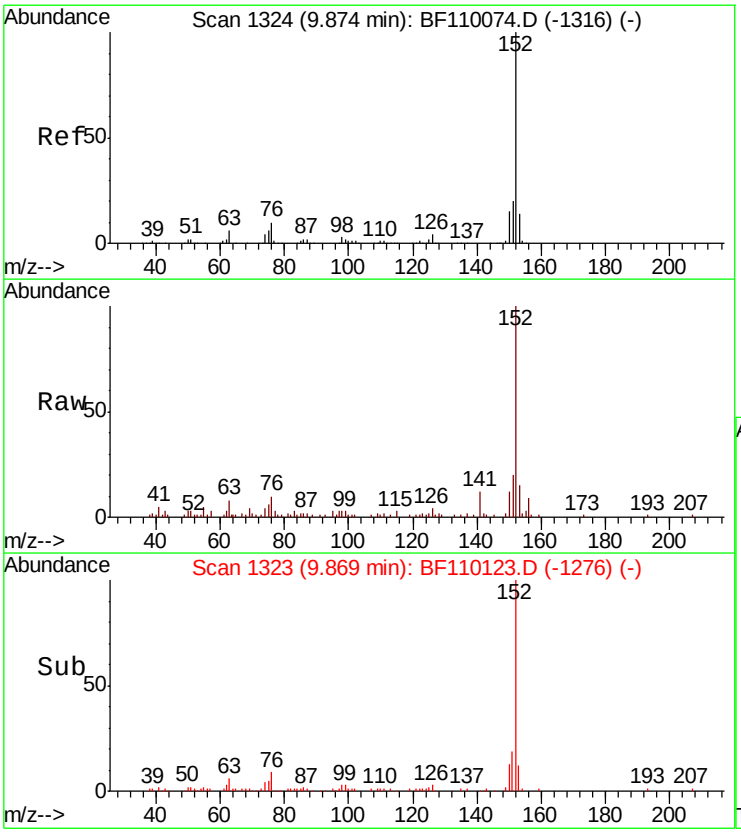
#45
2-Fluorobiphenyl
Concen: 42.610 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 523963

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	22.6	19.7	29.5

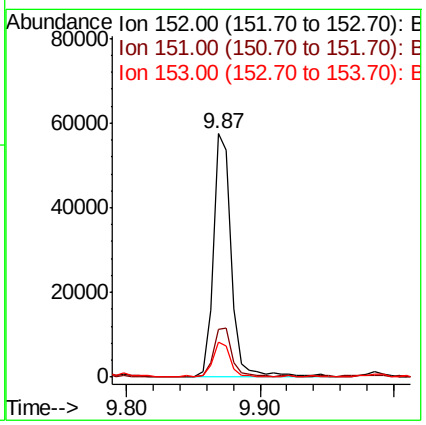


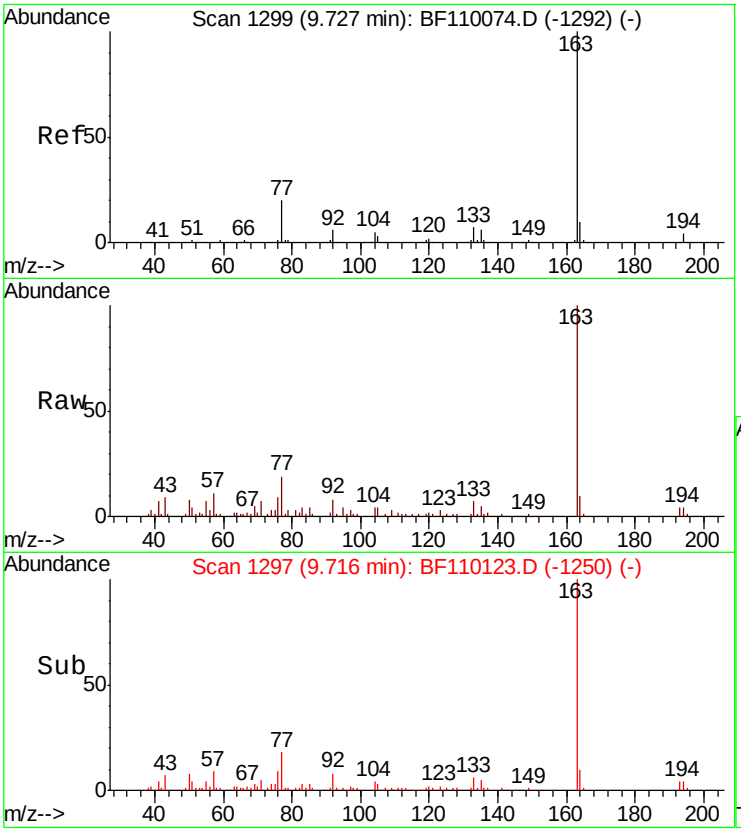


#49
Acenaphthylene
Concen: 2.957 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Tgt Ion:152 Resp: 54702

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	14.6	10.4	15.6



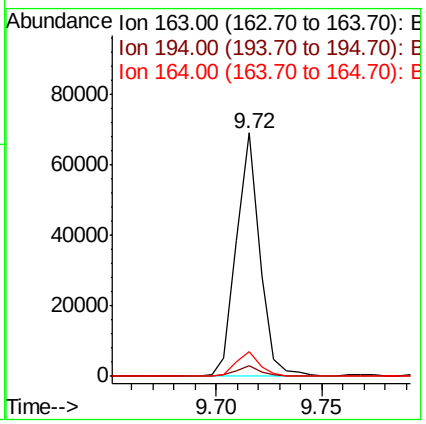


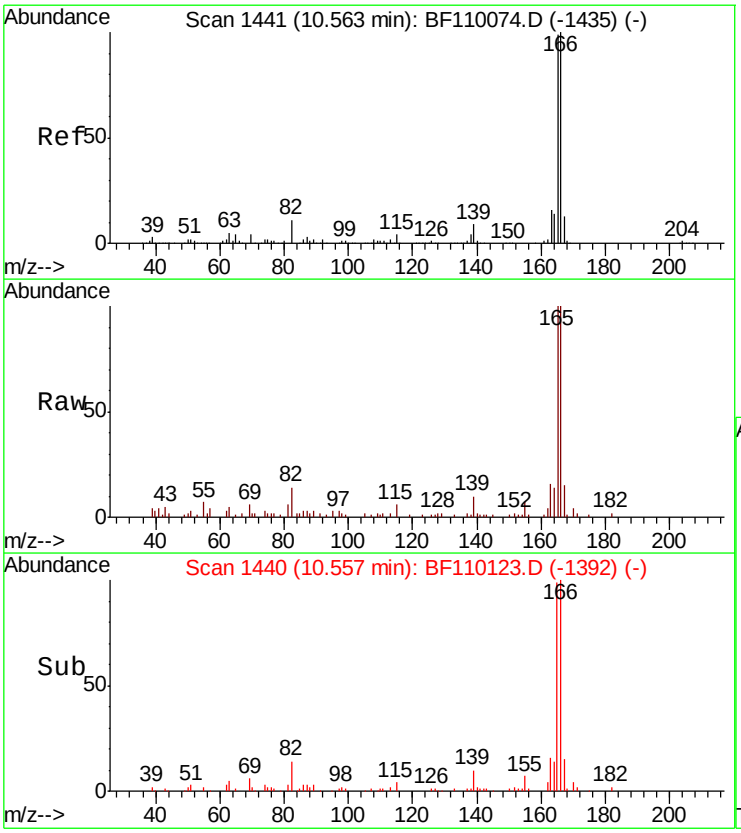
#50
Dimethylphthalate
Concen: 3.703 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 52785

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.0	8.1	12.1

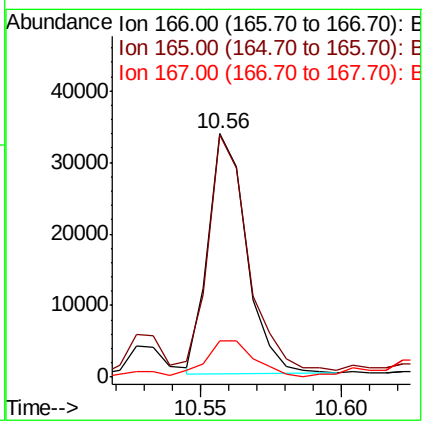


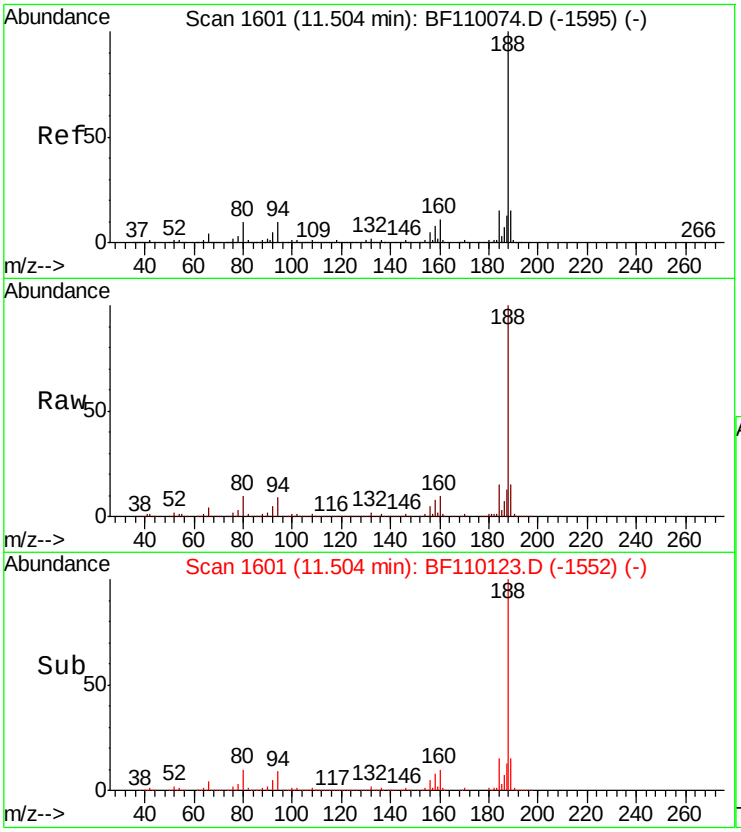


#58
Fluorene
Concen: 2.513 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Tgt Ion:166 Resp: 32047

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.6	117.8
167	15.0	10.8	16.2



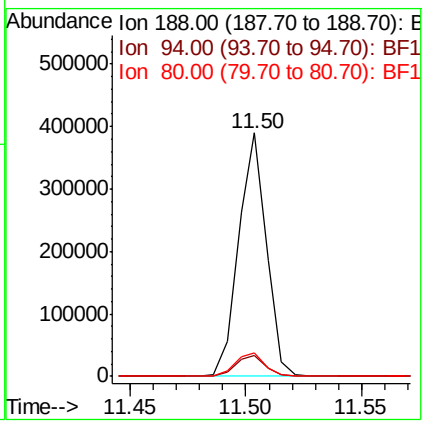


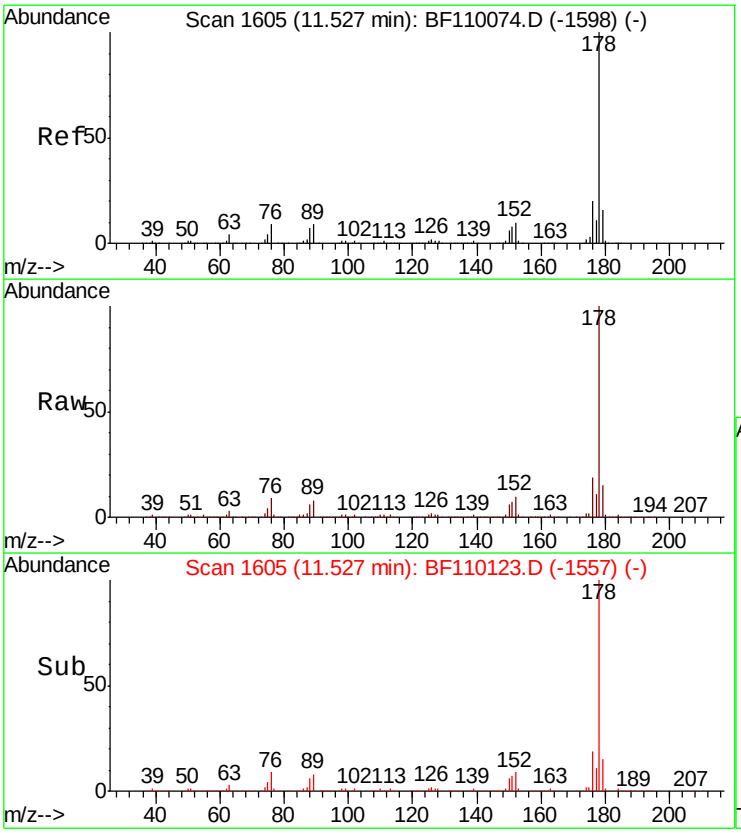
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 326671

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.6	7.9	11.9

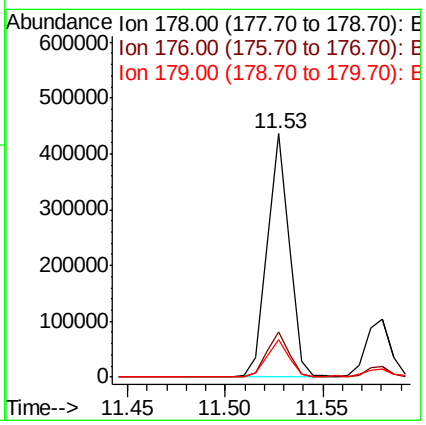


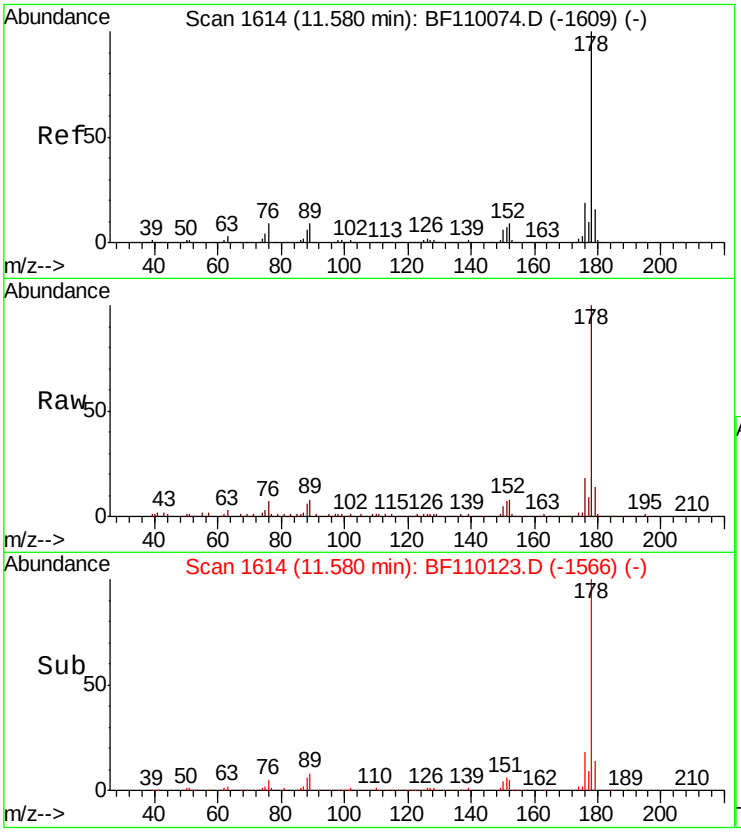


#71
Phenanthrene
Concen: 20.082 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Tgt Ion:178 Resp: 343263

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.2	12.5	18.7



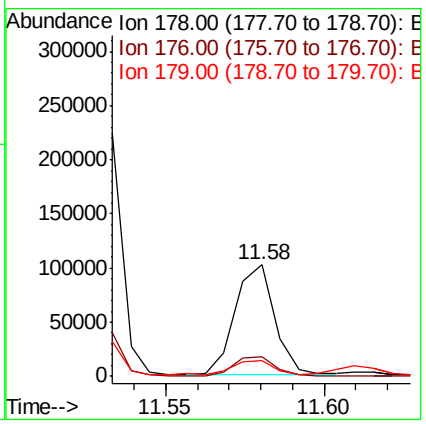


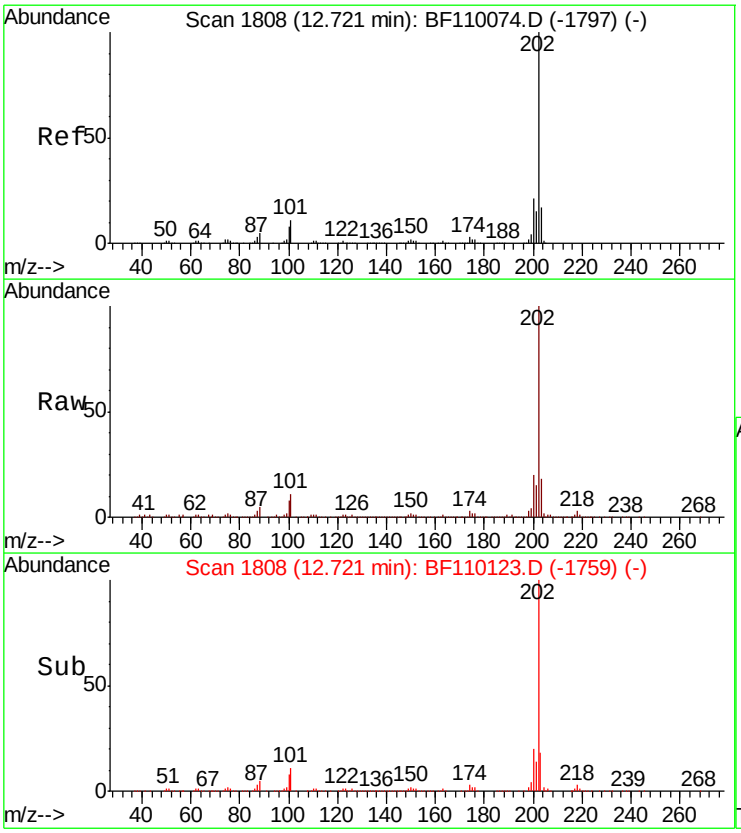
#72
Anthracene
Concen: 5.131 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 87903

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	14.1	12.6	18.8

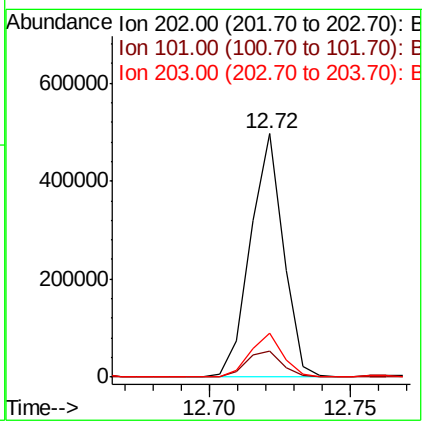


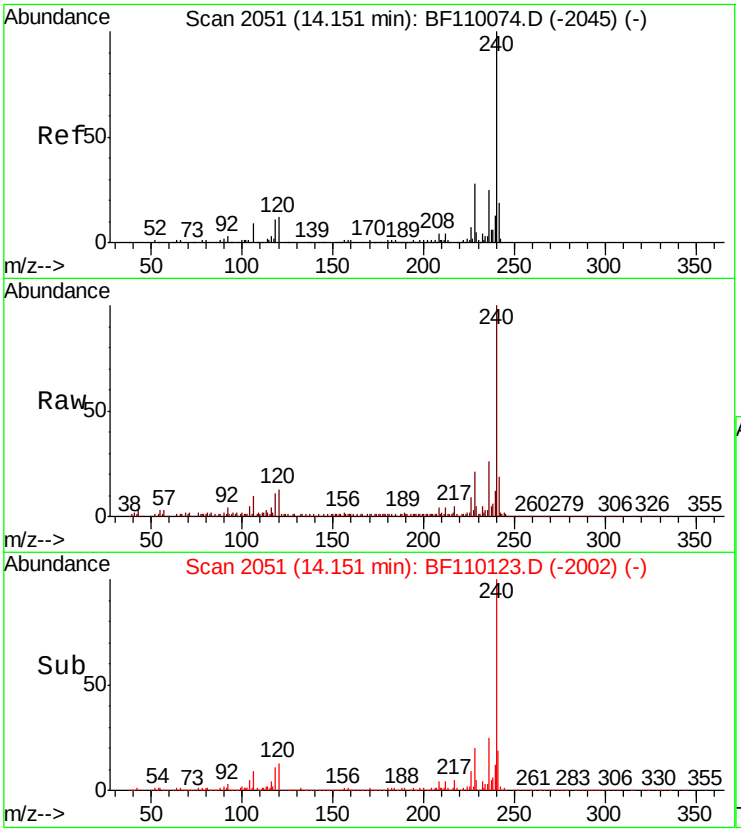


#75
Fluoranthene
Concen: 23.130 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Tgt Ion:202 Resp: 401252

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.4
203	18.0	0.0	37.7



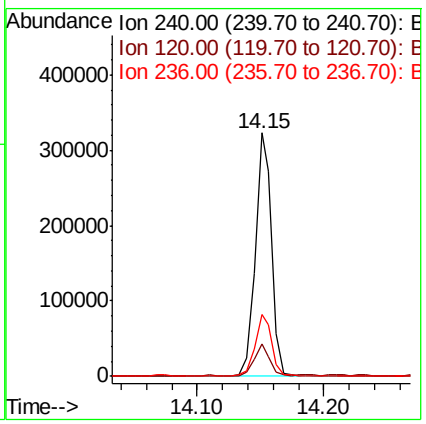


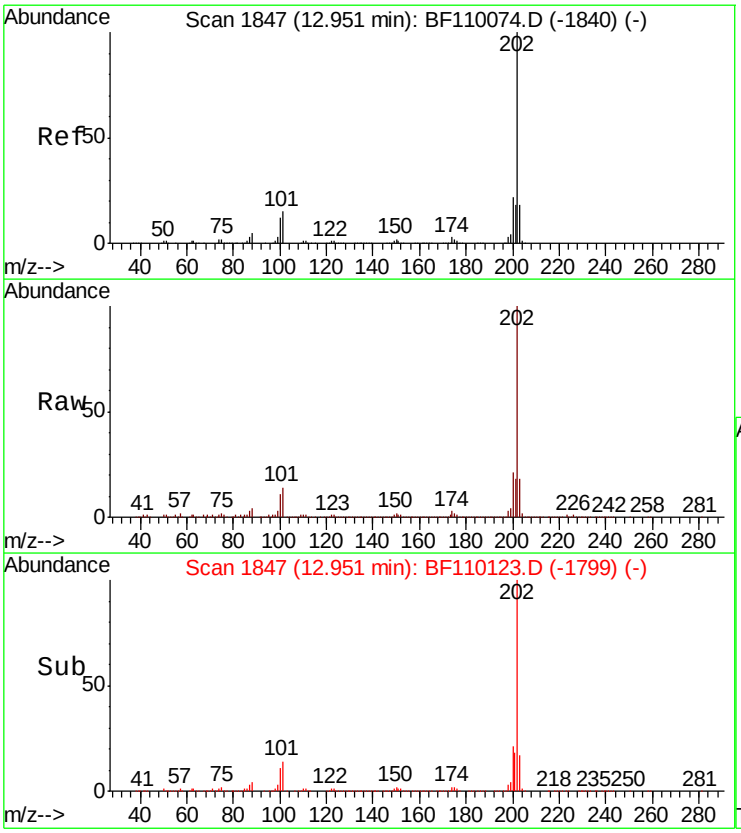
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 291360

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.3	12.5#
236	25.6	21.2	31.8

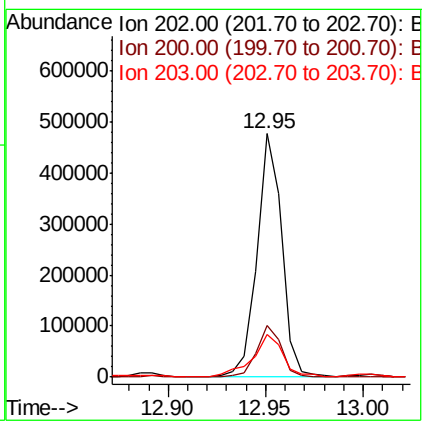


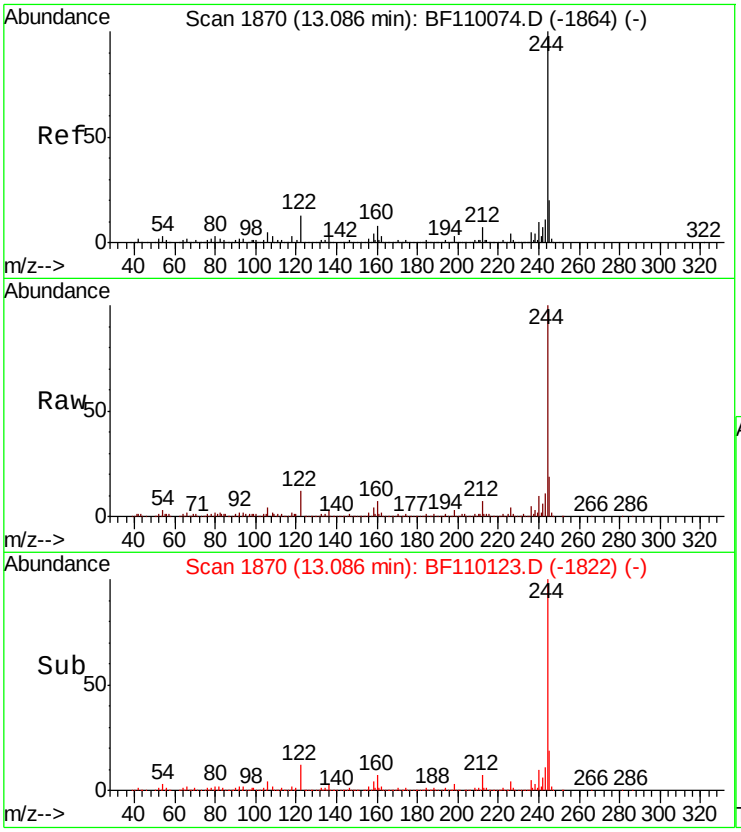


#78
Pyrene
Concen: 19.878 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Tgt Ion:202 Resp: 415221

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	17.6	14.2	21.4



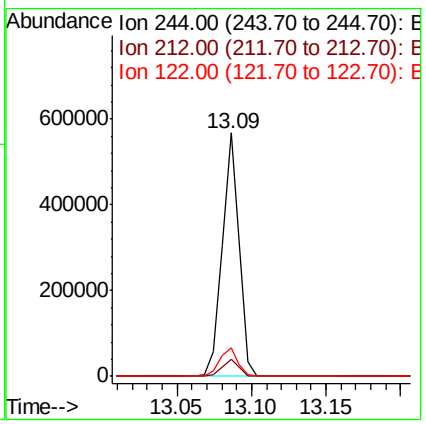


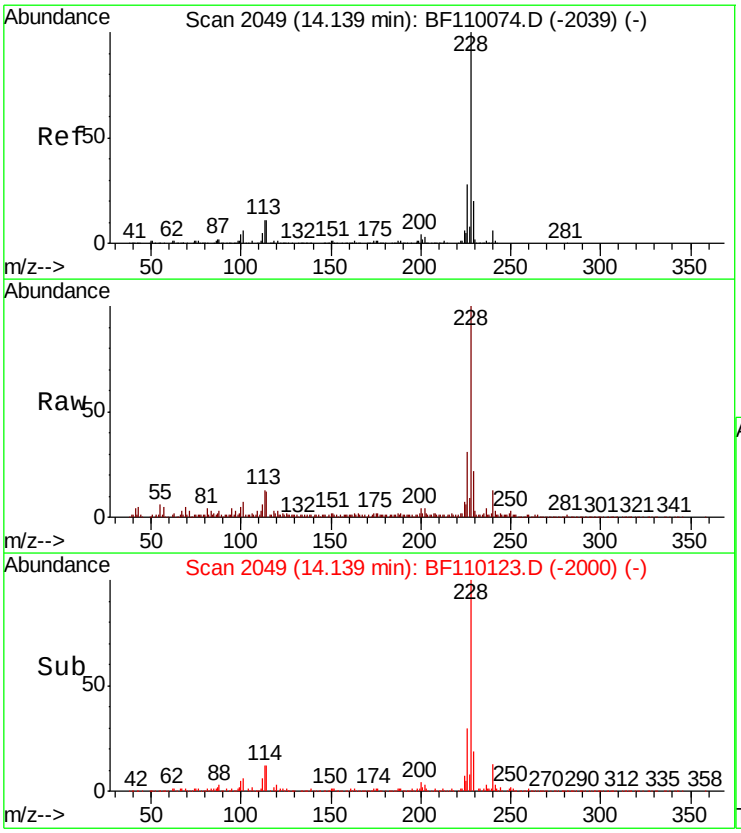
#79
Terphenyl-d14
Concen: 32.714 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 458314

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.7	8.7	13.1

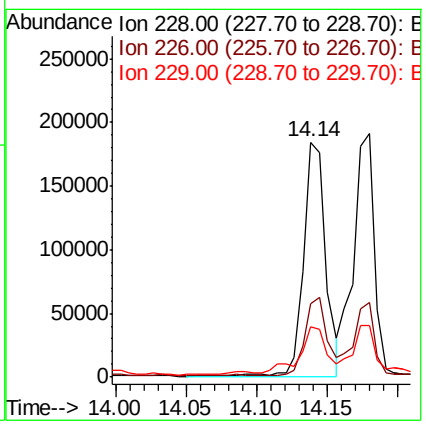


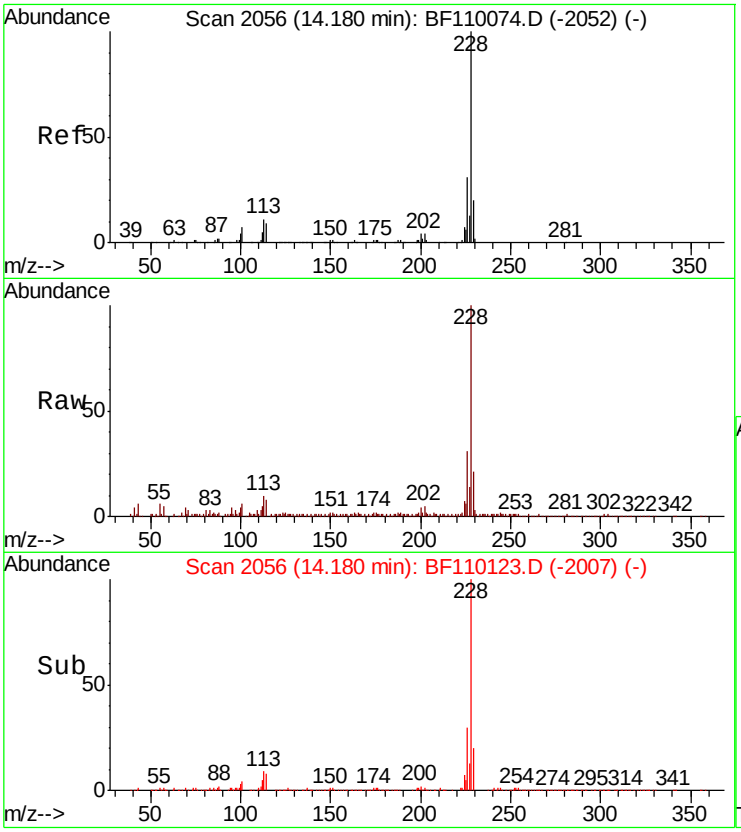


#81
Benzo(a)anthracene
Concen: 11.526 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Tgt Ion:228 Resp: 199153

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.1	33.1
229	21.6	15.6	23.4



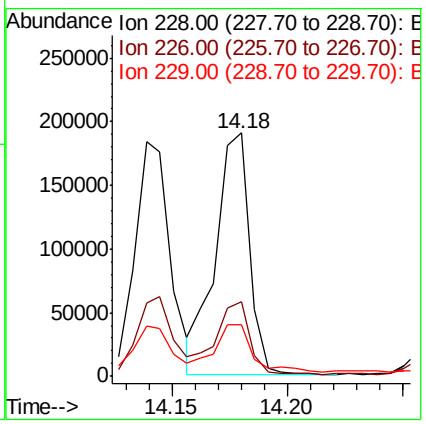


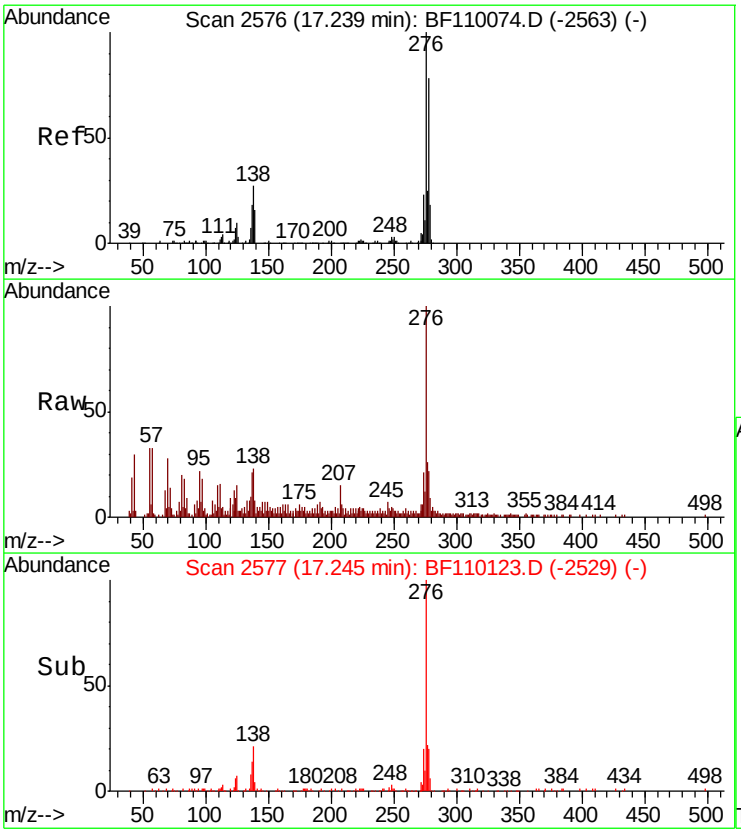
#83
Chrysene
Concen: 11.969 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 196425

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	21.3	15.9	23.9

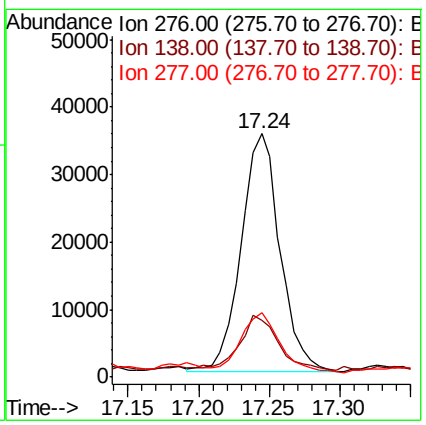


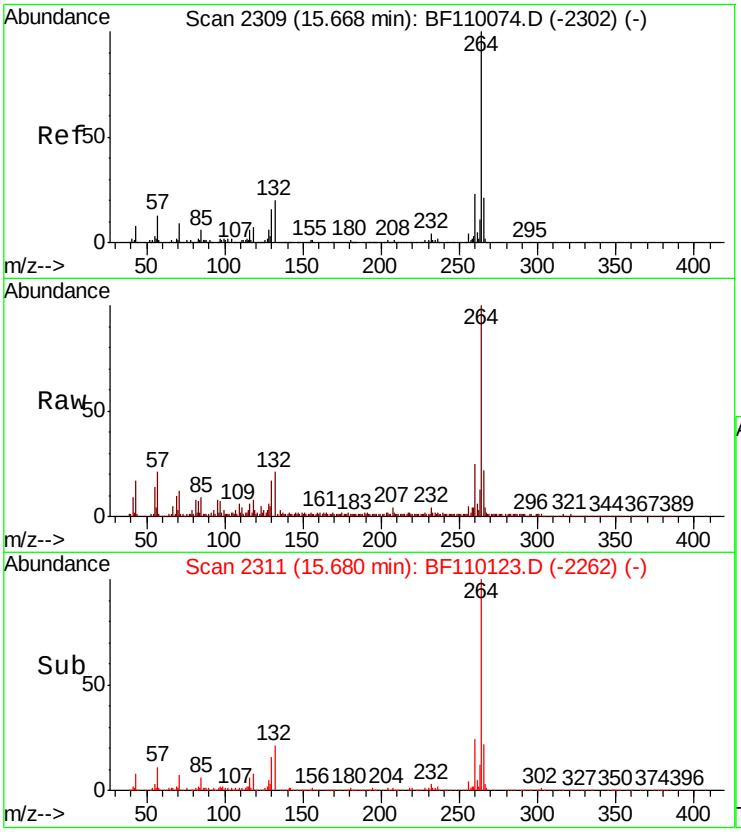


#86
Indeno(1,2,3-cd)pyrene
Concen: 5.033 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Tgt Ion:276 Resp: 68527

Ion	Ratio	Lower	Upper
276	100		
138	21.9	18.5	27.7
277	25.3	20.0	30.0



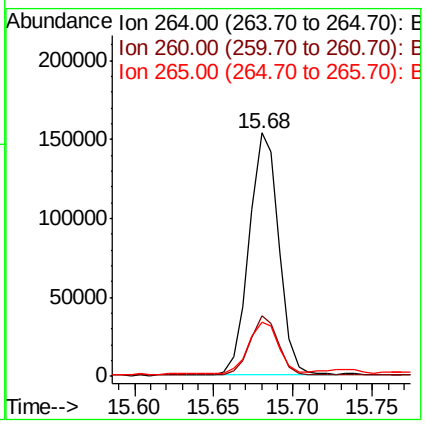


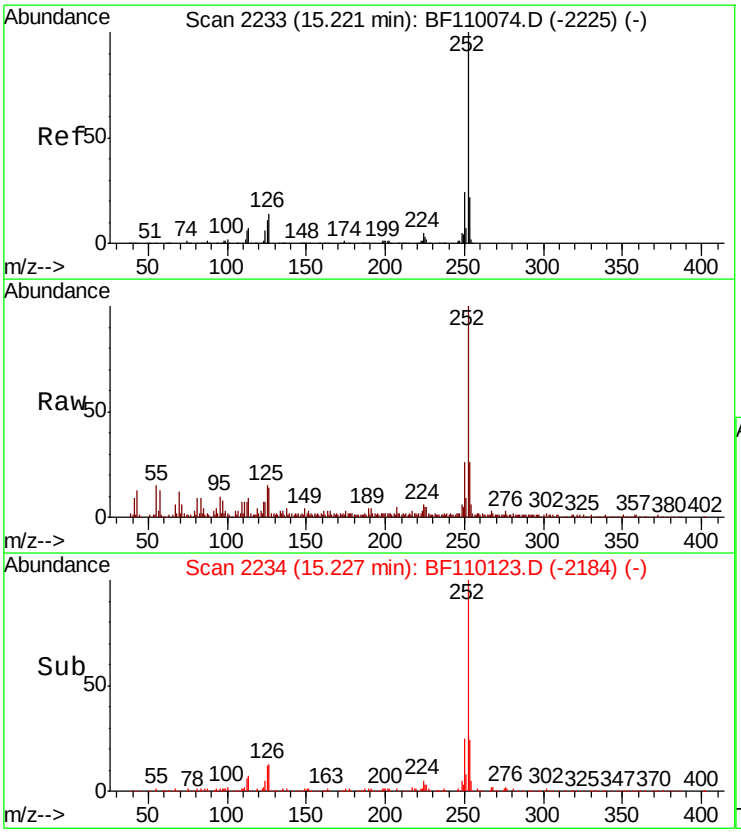
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 200289

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.7	28.1
265	22.3	16.7	25.1

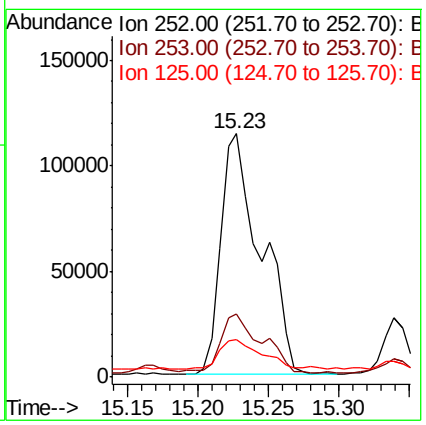


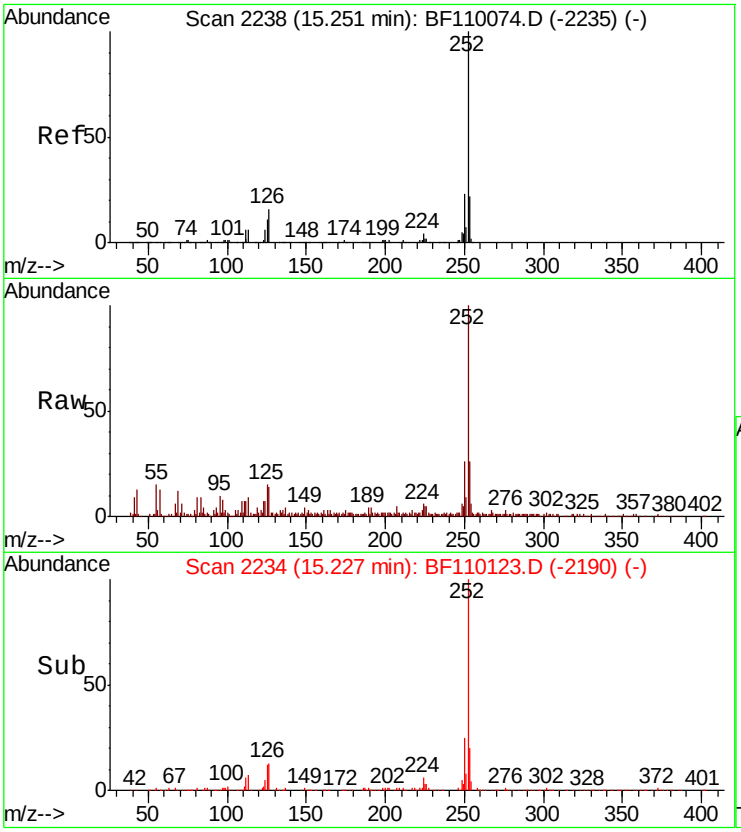


#88
Benzo(b)fluoranthene
Concen: 19.696 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Tgt Ion:252 Resp: 227808

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.2	25.8#
125	15.5	8.2	12.4#



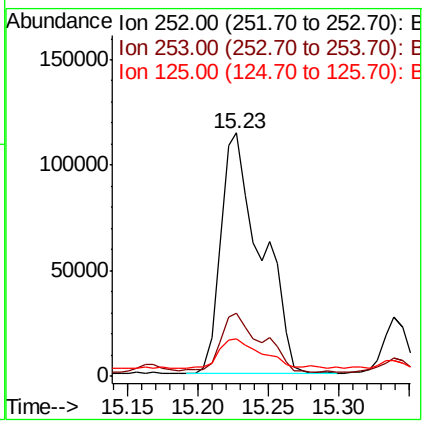


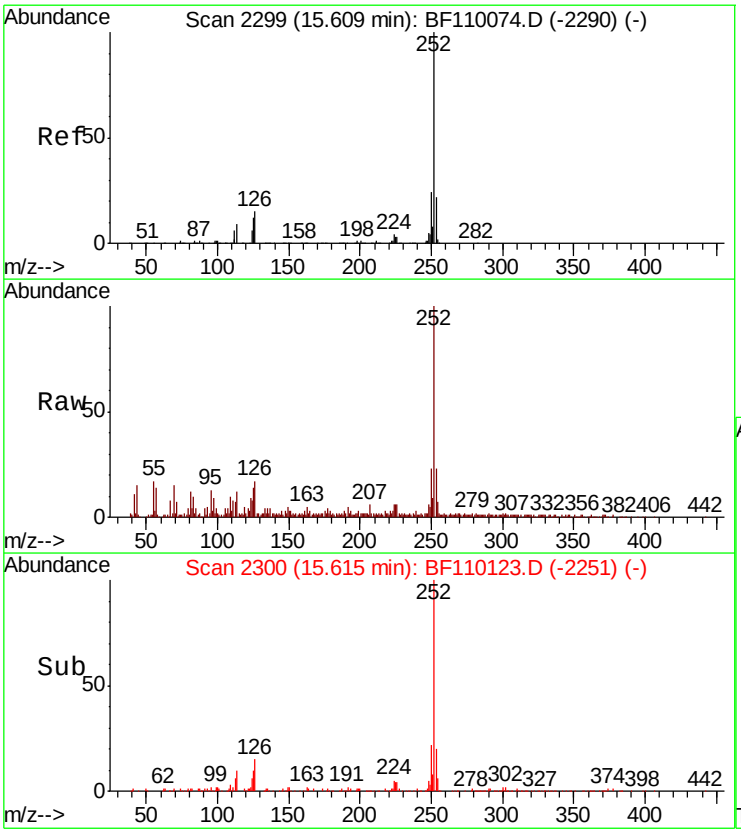
#89
Benzo(k)fluoranthene
Concen: 20.035 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 227808

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.2	25.8#
125	15.5	7.4	11.0#

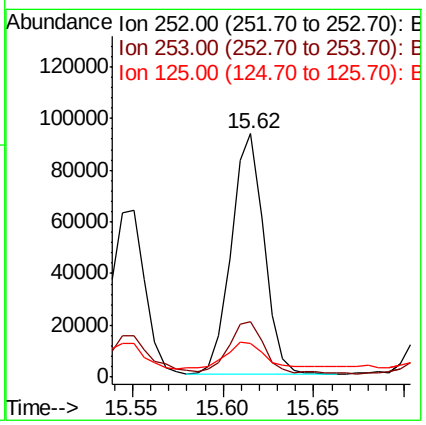


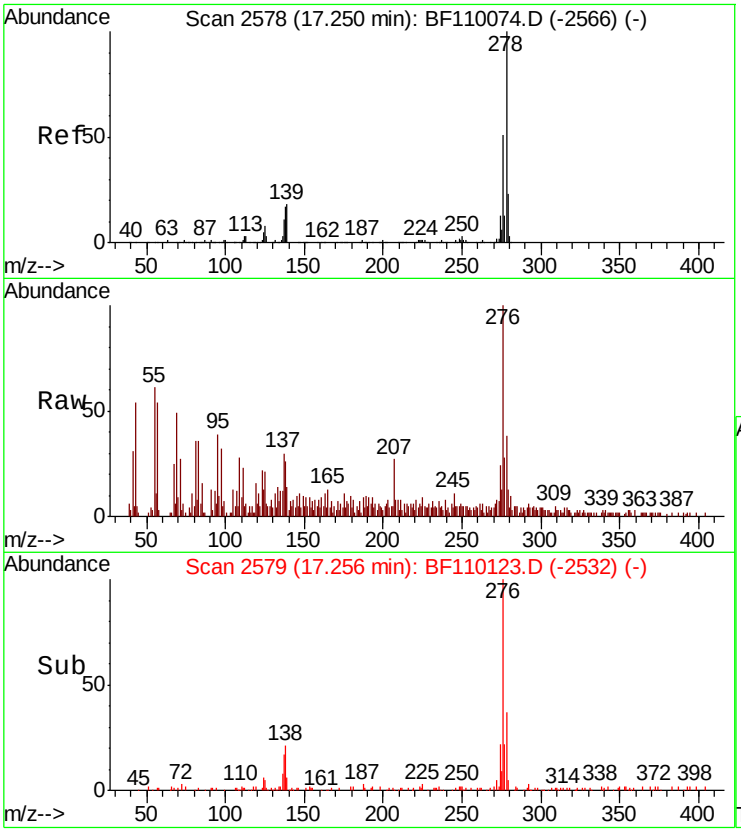


#90
Benzo(a)pyrene
Concen: 11.037 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Tgt Ion:252 Resp: 117461

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	14.0	9.0	13.6#



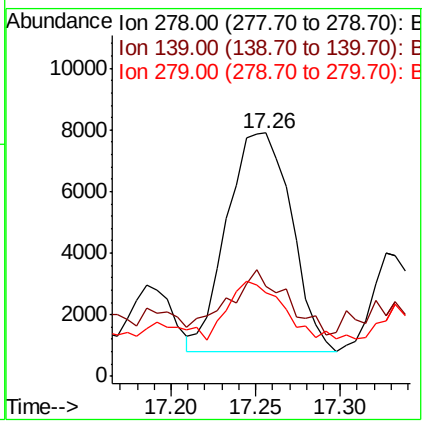


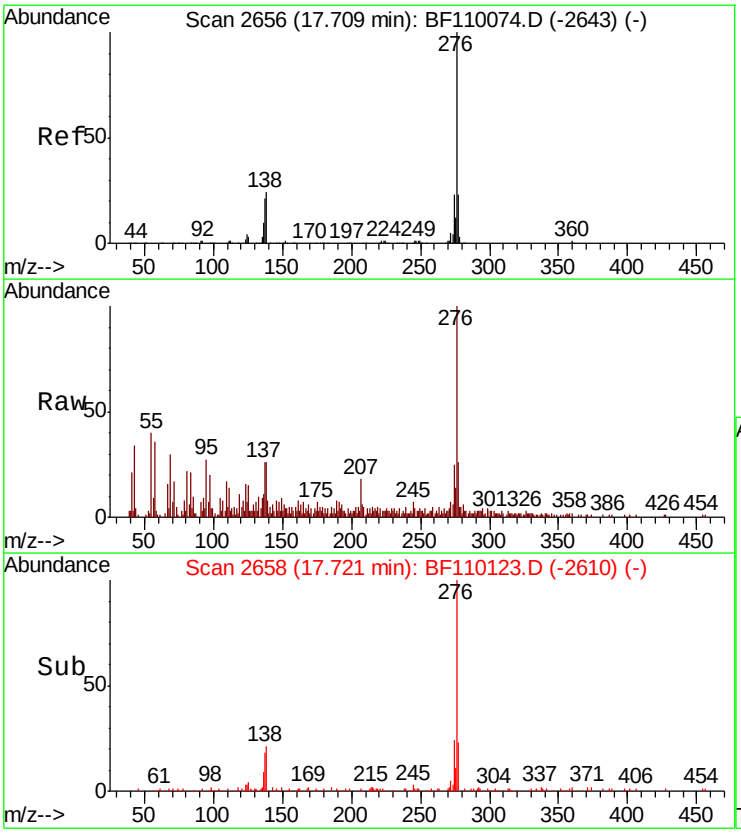
#91
Dibenzo(a,h)anthracene
Concen: 2.061 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.02 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 18928

Ion	Ratio	Lower	Upper
278	100		
139	37.2	12.7	19.1#
279	34.3	19.0	28.4#





#92
Benzo(g,h,i)perylene
Concen: 6.822 ng
RT: 17.72 min Scan# 2658
Delta R.T. -0.02 min
Lab File: BF110123.D
Acq: 24 Oct 2018 19:00

Tgt Ion:276 Resp: 61728

Ion	Ratio	Lower	Upper
276	100		
277	26.0	18.8	28.2
138	26.4	16.0	24.0#