Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111618\
Data File : BF110823.D
Acq On : 16 Nov 2018 18:13
Operator : JU/SJ
Sample : J5952-06 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01

Quant Time: Nov 16 23:26:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	61603	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	257987	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	116669	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	184799	20.00	ng		-0.01
76) Chrysene-d12	14.13	240	146450	20.00	ng		-0.01
87) Perylene-d12	15.66	264	112745	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	98438	25.96	ng		0.00
7) Phenol-d6	6.56	99	123797	25.53	ng		-0.01
23) Nitrobenzene-d5	7.50	82	75093	16.76	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	24105	20.50	ng		-0.01
45) 2-Fluorobiphenyl	9.29	172	141693	17.35	ng		-0.01
79) Terphenyl-d14	13.06	244	101338	12.96	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.70	77	2190	Below Cal			87
19) n-Nitroso-di-n-propylamine	7.50	70	9700	3.133	ng	#	76
25) Isophorone	7.50	82	75093	10.227	ng	#	67
31) Naphthalene	8.25	128	45860	3.787	ng		99
49) Acenaphthylene	9.85	152	60190	5.330	ng		99
50) Dimethylphthalate	9.69	163	19545	2.245	ng		99
51) 2,6-Dinitrotoluene	9.98	165	16079	8.396	ng	#	24
55) Dibenzofuran	10.19	168	25423	2.435	ng		95
56) 4-Nitrophenol	10.19	139	10425	7.083	ng	#	7
58) Fluorene	10.53	166	45363	5.657	ng		95
71) Phenanthrene	11.50	178	324318	32.757	ng		100
72) Anthracene	11.55	178	119271	11.942	ng		98
75) Fluoranthene	12.70	202	401701	40.470	ng		98
78) Pyrene	12.93	202	396584	35.170	ng		97
81) Benzo(a)anthracene	14.12	228	232127	26.518	ng		96
83) Chrysene	14.16	228	216460	25.956	ng		97
86) Indeno(1,2,3-cd)pyrene	17.23	276	70549	11.789	ng		99
88) Benzo(b)fluoranthene	15.20	252	311137	46.130	ng		99
89) Benzo(k)fluoranthene	15.20	252	311137	46.685	ng		98
90) Benzo(a)pyrene	15.59	252	160205	26.143	ng		99
91) Dibenzo(a,h)anthracene	17.41	278	18176	3.505	ng		96
92) Benzo(g,h,i)perylene	17.71	276	71939	13.981	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111618\
Data File : BF110823.D
Acq On : 16 Nov 2018 18:13
Operator : JU/SJ
Sample : J5952-06 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01

Quant Time: Nov 16 23:26:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
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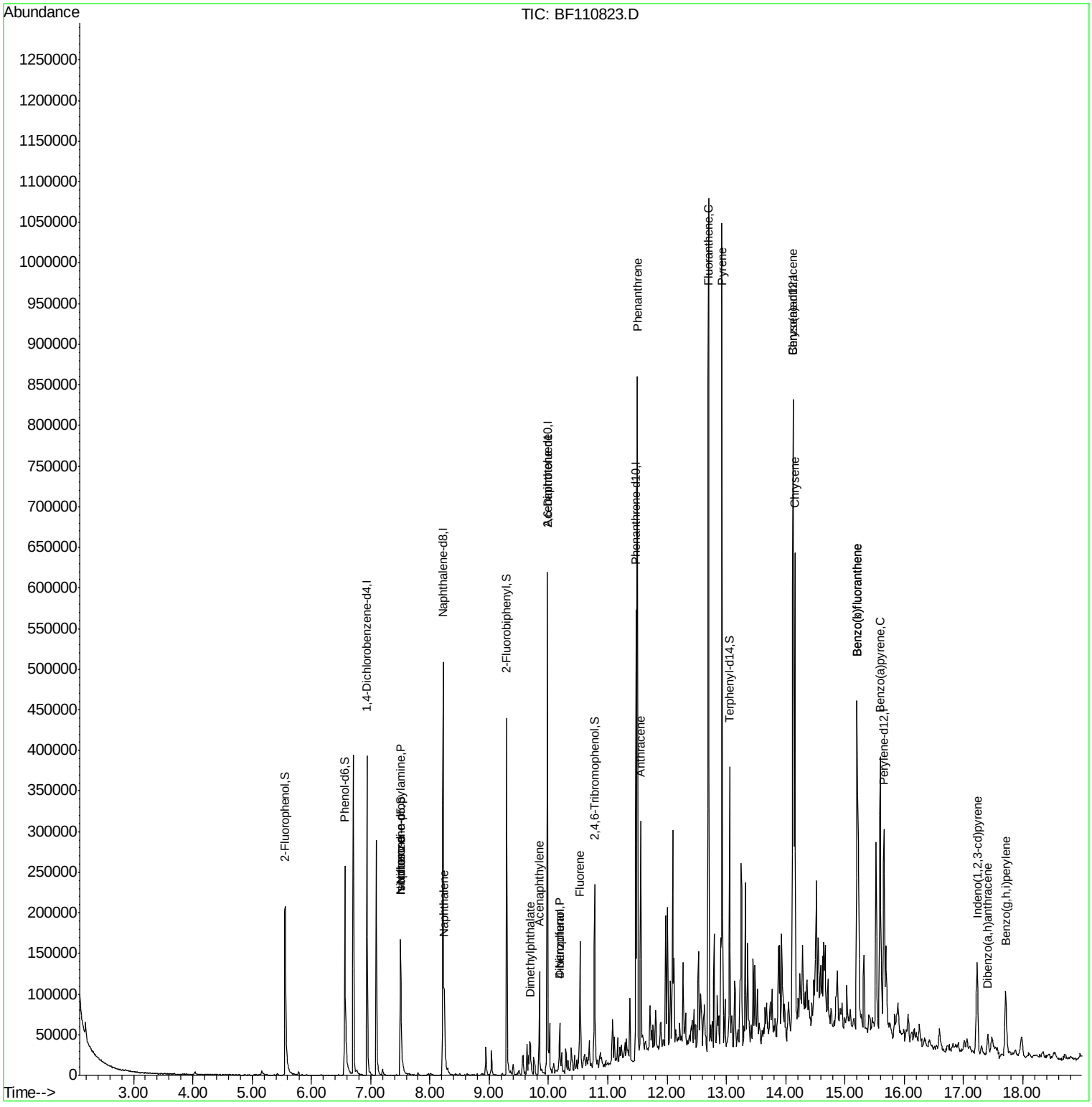
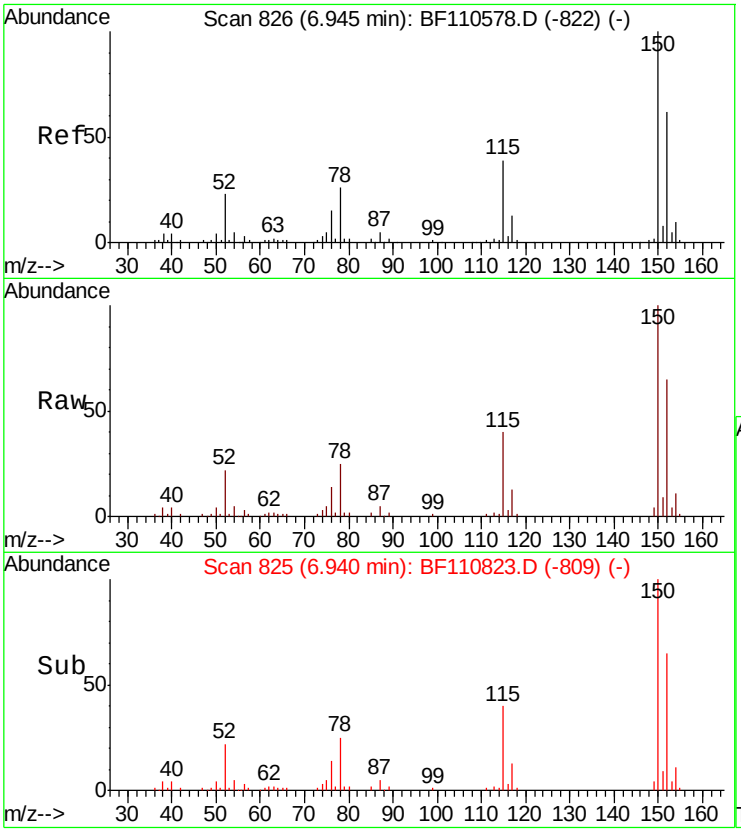


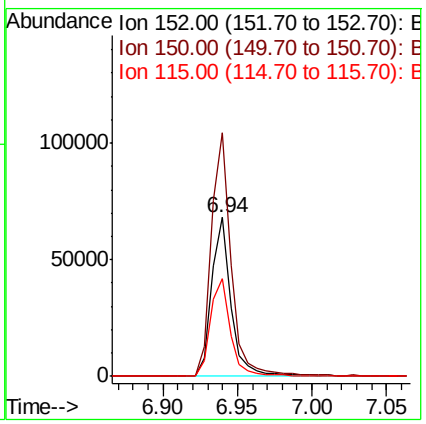


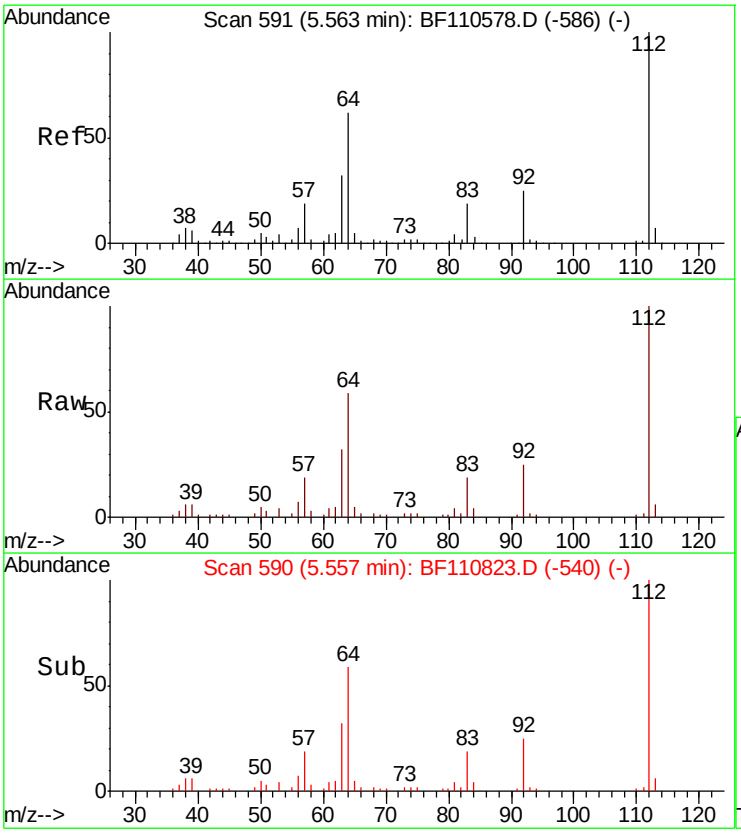
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:152 Resp: 61603

Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.7	184.1
115	61.4	49.1	73.7

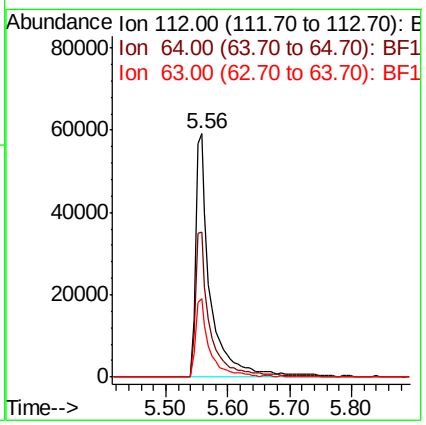


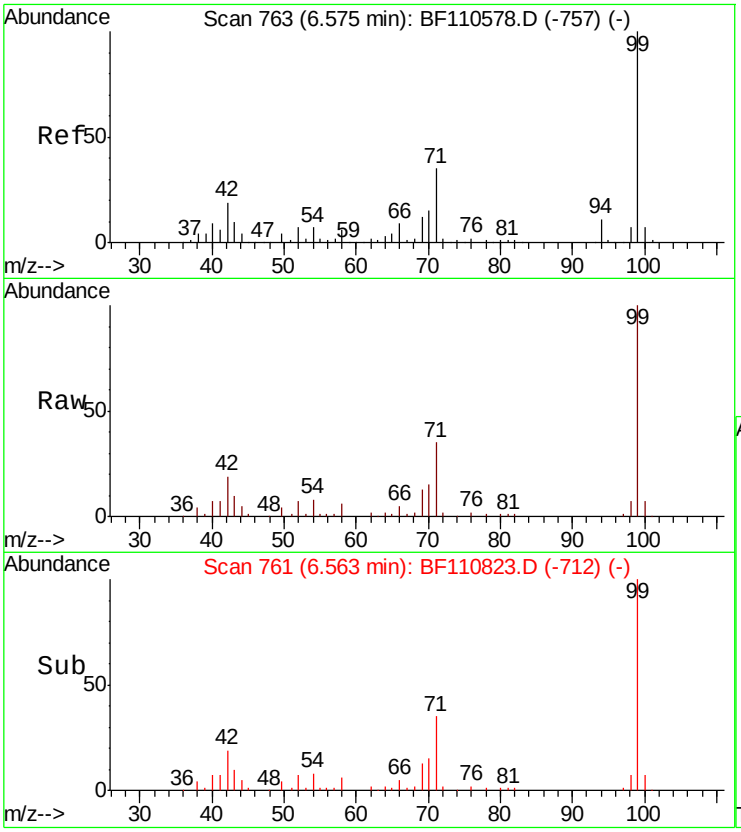


#5
2-Fluorophenol
Concen: 25.956 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Tgt Ion:112 Resp: 98438

Ion	Ratio	Lower	Upper
112	100		
64	59.4	44.1	66.1
63	32.1	23.7	35.5



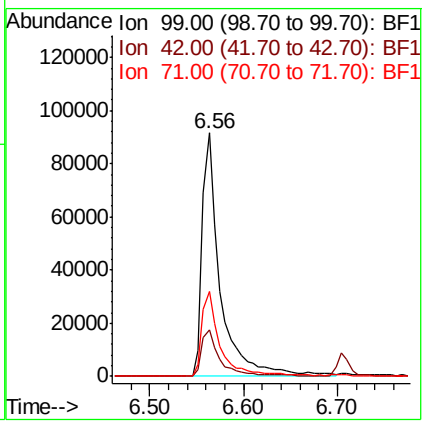


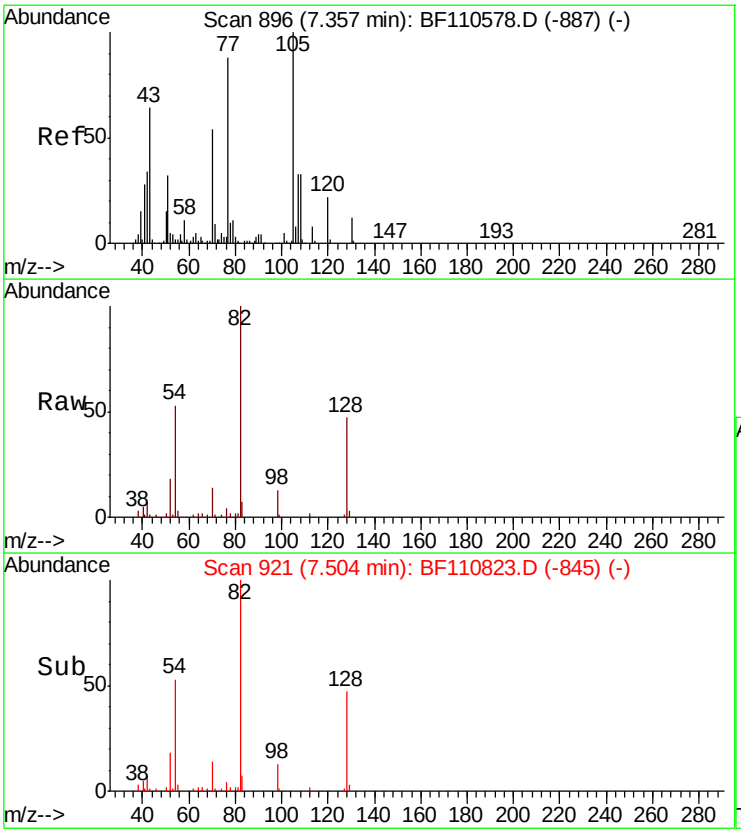
#7
Phenol-d6
Concen: 25.526 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion: 99 Resp: 123797

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.8	23.6
71	35.0	28.0	42.0

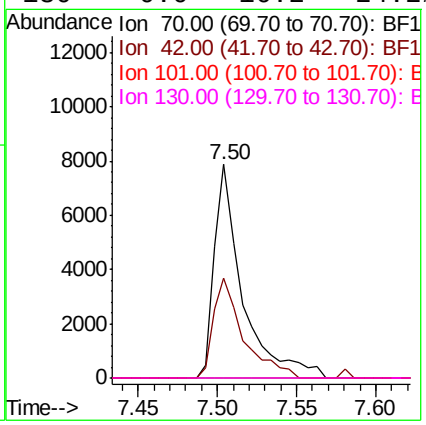


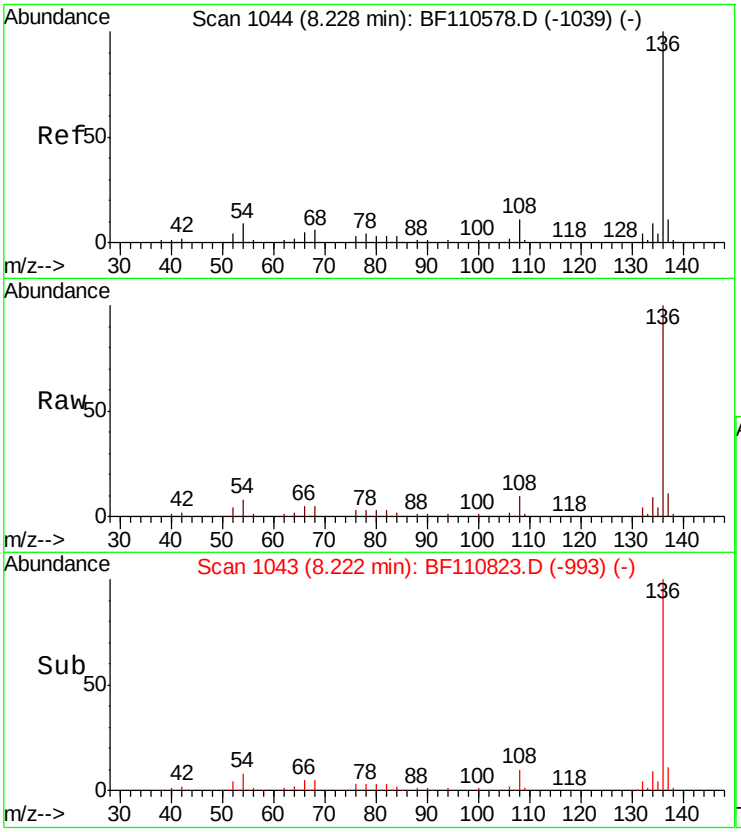


#19
n-Nitroso-di-n-propylamine
Concen: 3.133 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Tgt Ion: 70 Resp: 9700

Ion	Ratio	Lower	Upper
70	100		
42	46.7	47.4	71.2#
101	0.0	7.3	10.9#
130	0.0	16.2	24.2#



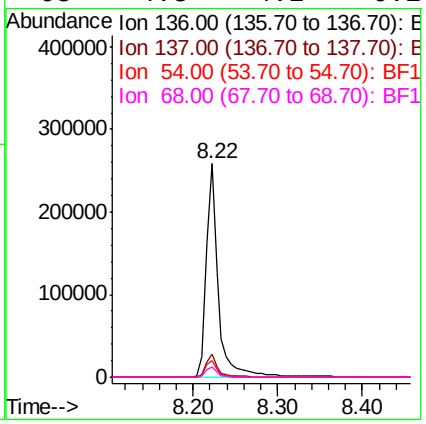


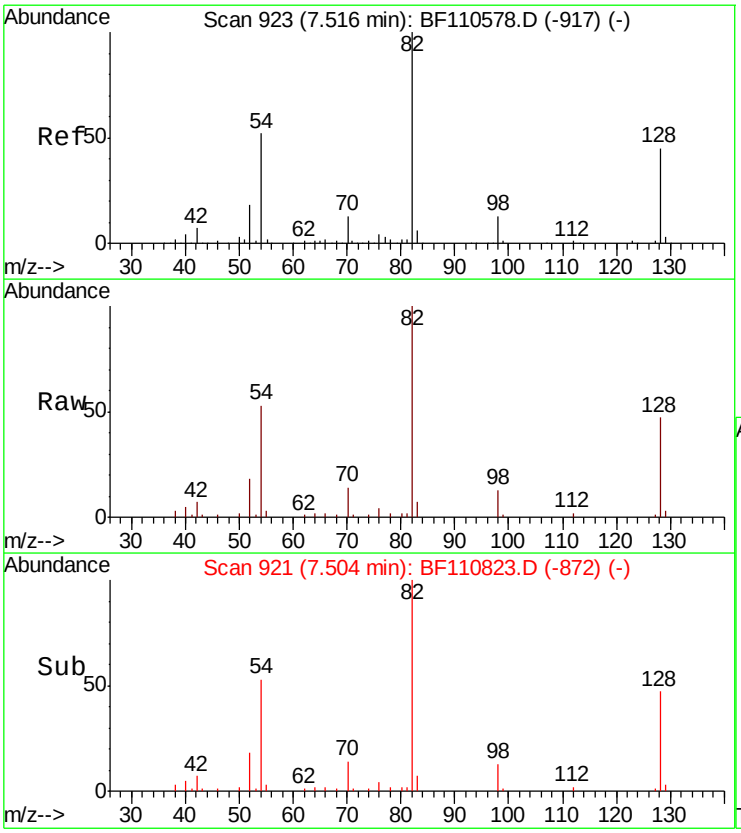
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:136 Resp: 257987

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.6	5.4	8.2
68	4.8	4.2	6.2

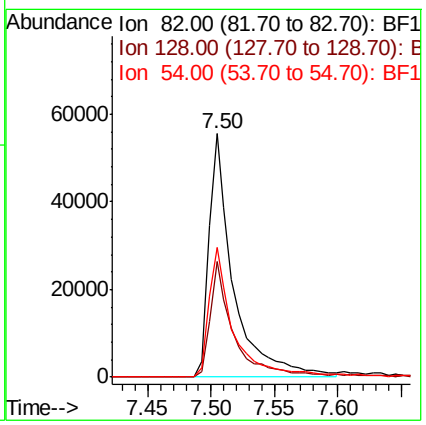


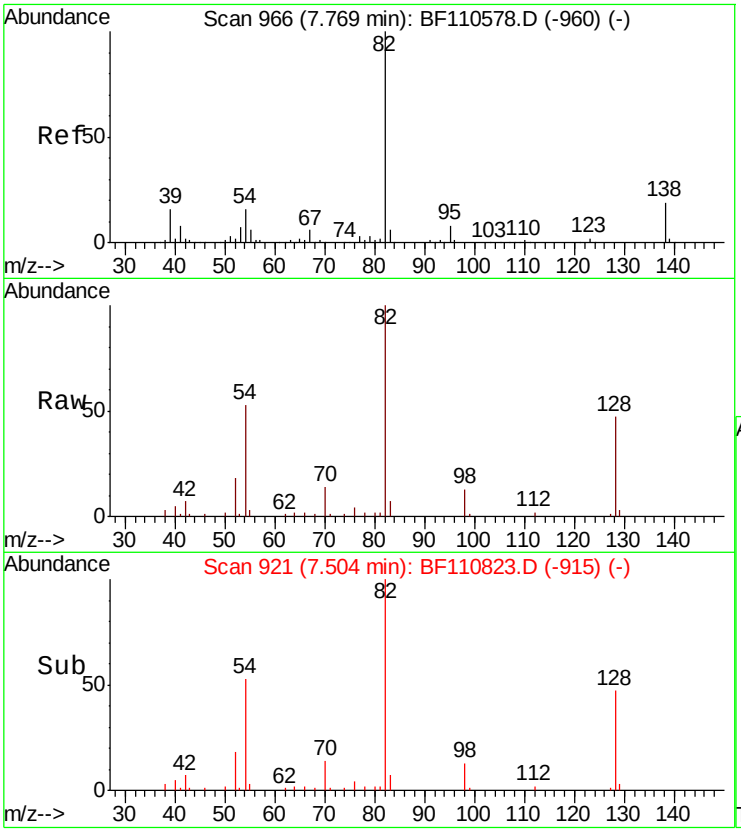


#23
Nitrobenzene-d5
Concen: 16.763 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Tgt Ion: 82 Resp: 75093

Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.2	51.2
54	53.5	38.6	58.0



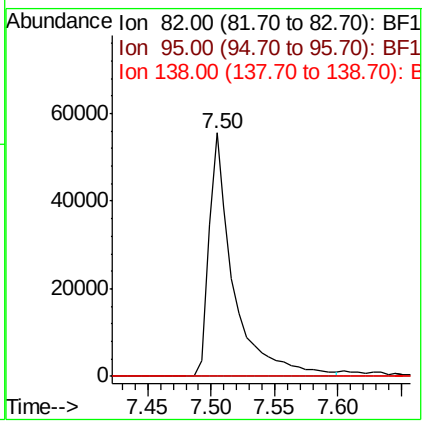


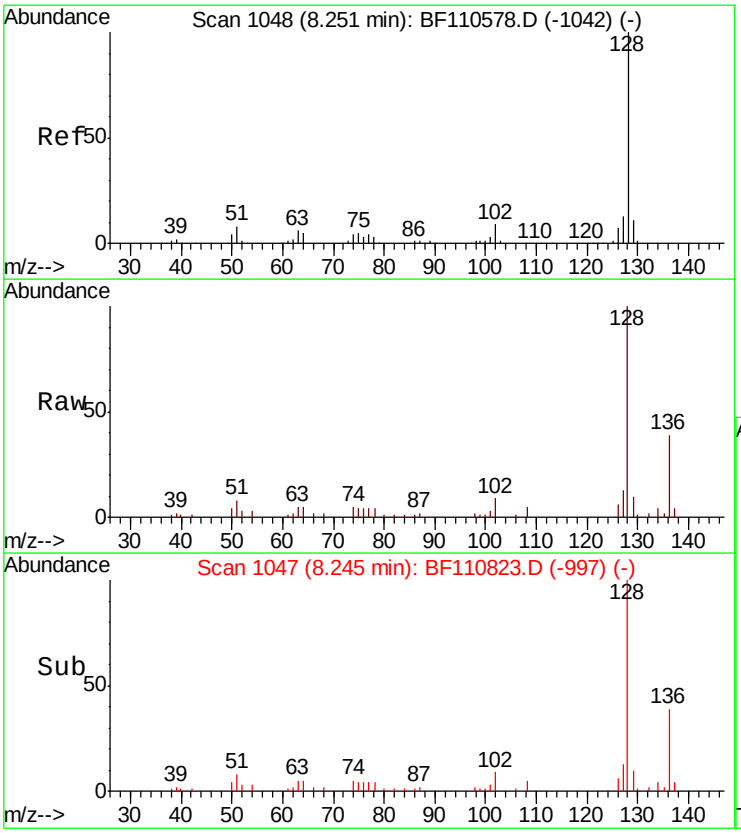
#25
Isophorone
Concen: 10.227 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion: 82 Resp: 75093

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

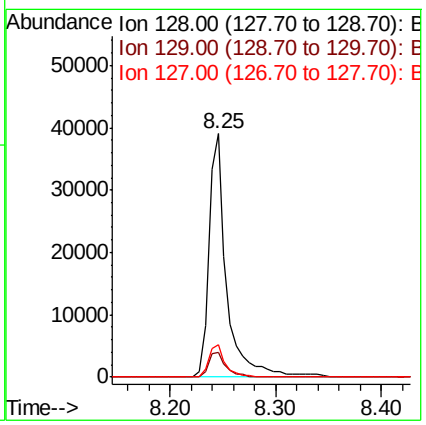


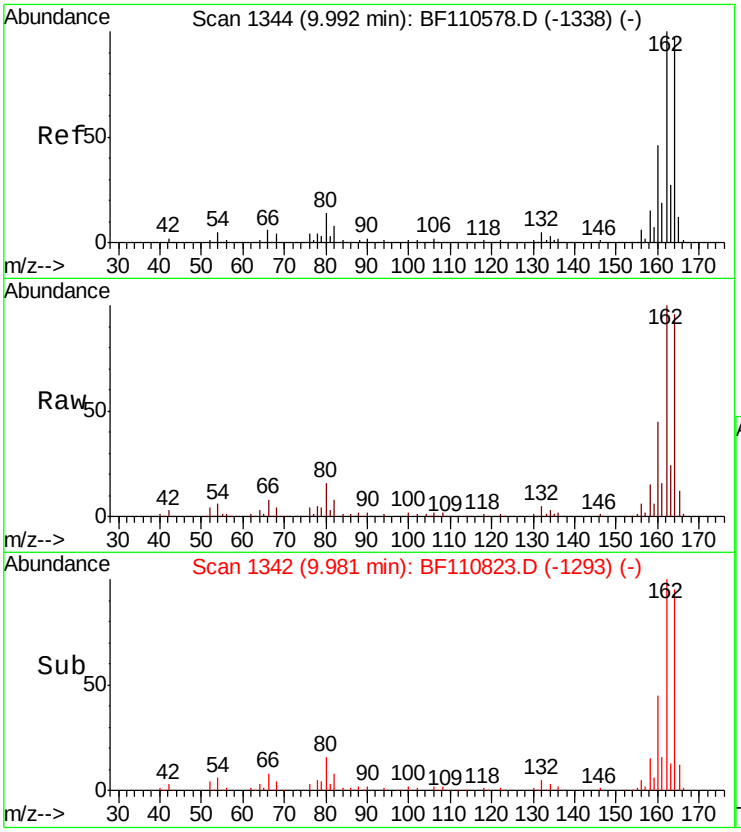


#31
Naphthalene
Concen: 3.787 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Tgt Ion:128 Resp: 45860

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.8	13.2
127	13.2	10.8	16.2



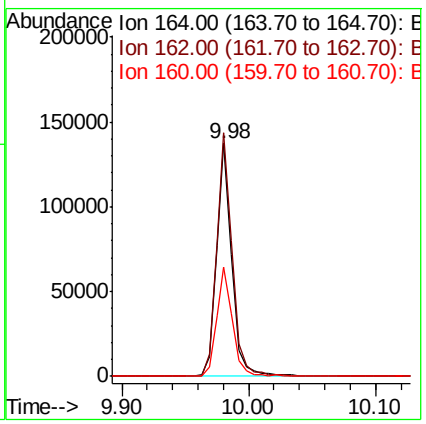


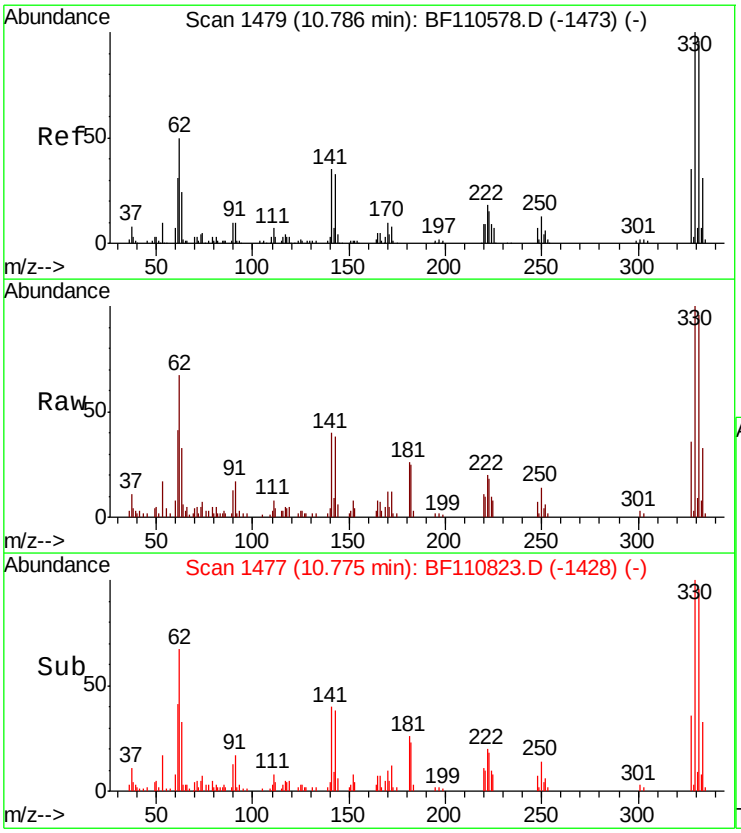
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:164 Resp: 116669

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.0	124.6
160	46.7	37.0	55.6

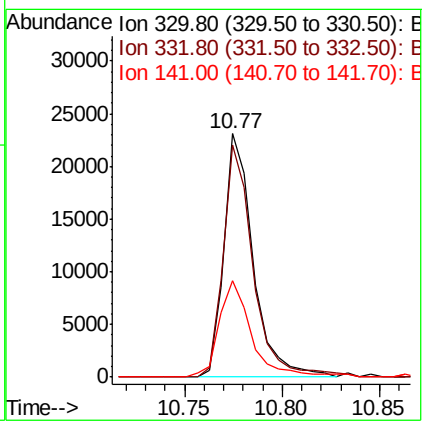


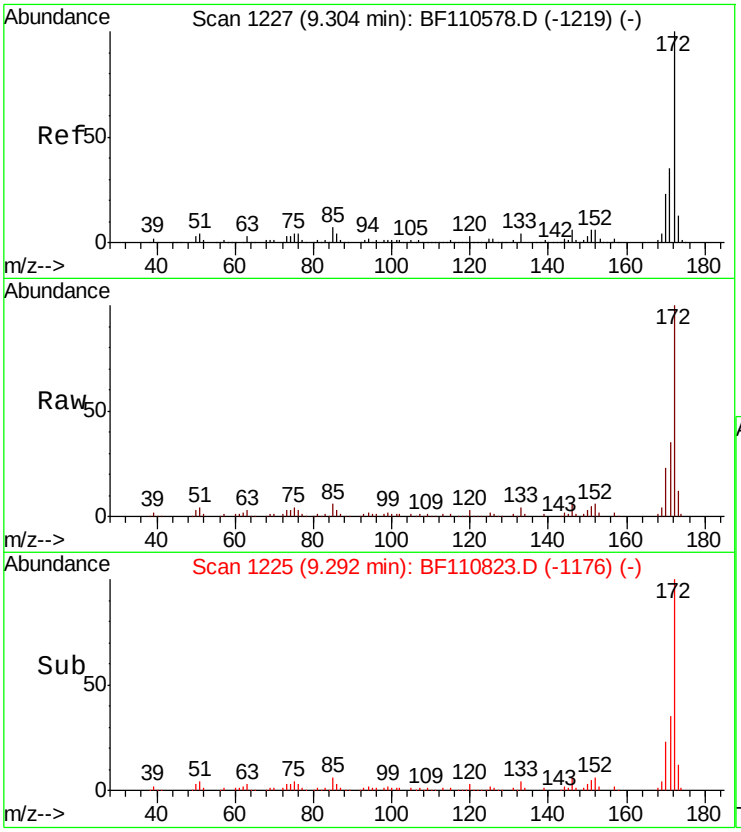


#42
2,4,6-Tribromophenol
Concen: 20.505 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Tgt Ion:330 Resp: 24105

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	44.2	27.0	40.4#



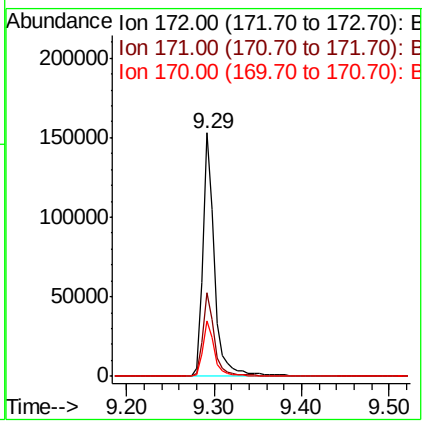


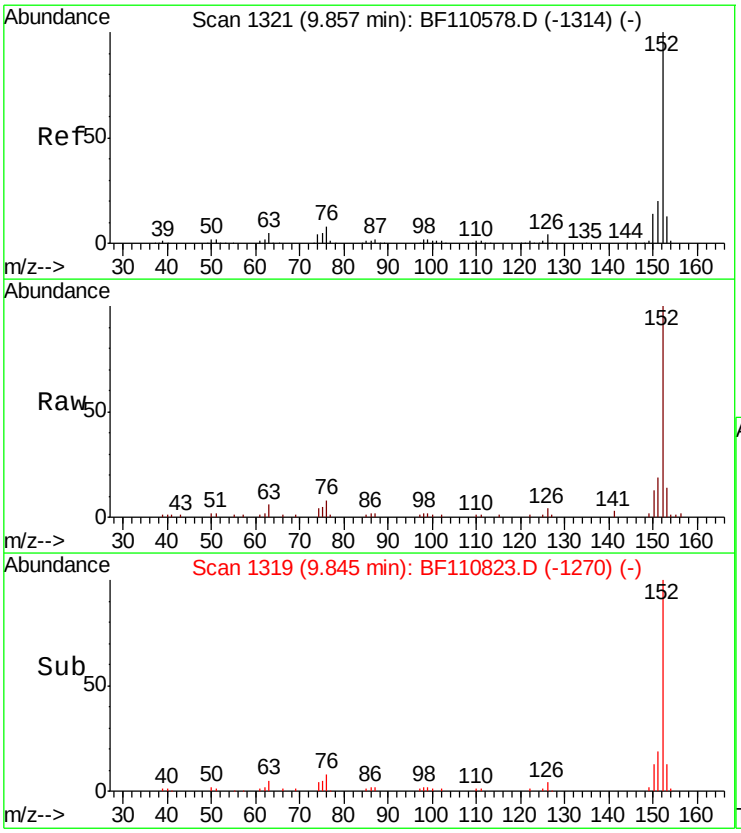
#45
2-Fluorobiphenyl
Concen: 17.345 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:172 Resp: 141693

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	43.0
170	22.6	19.7	29.5

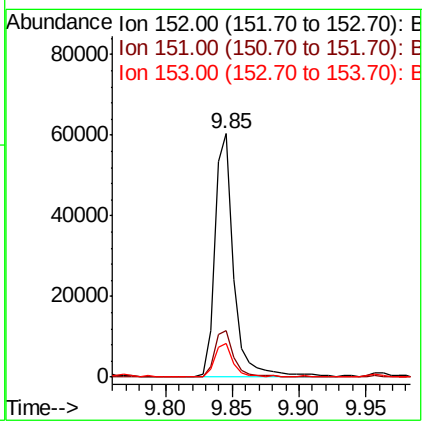


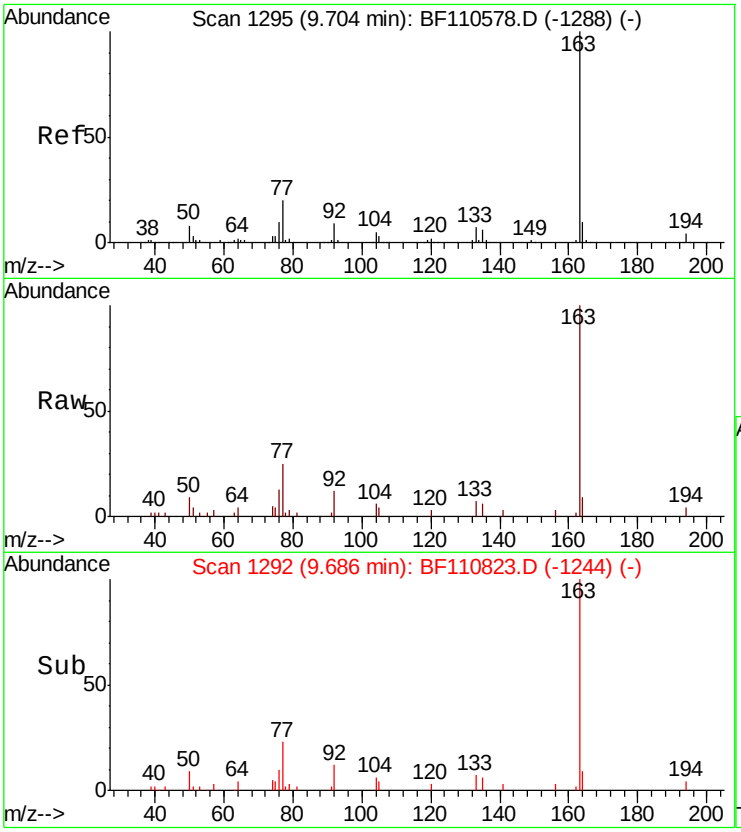


#49
Acenaphthylene
Concen: 5.330 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Tgt Ion:152 Resp: 60190

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.8
153	13.7	10.4	15.6



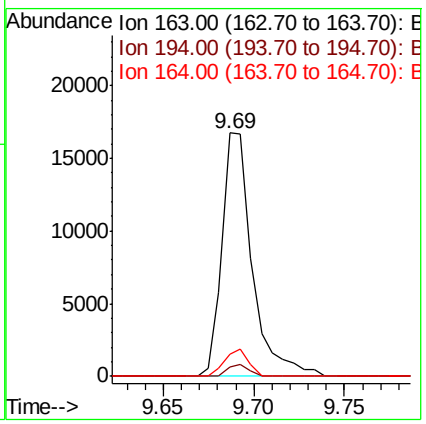


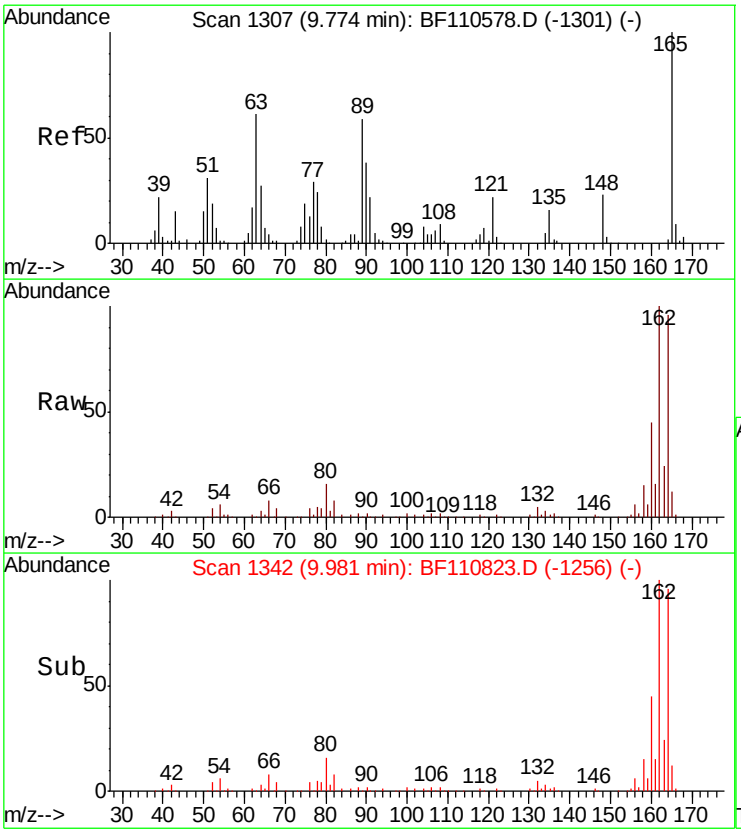
#50
Dimethylphthalate
Concen: 2.245 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:163 Resp: 19545

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.4	8.1	12.1

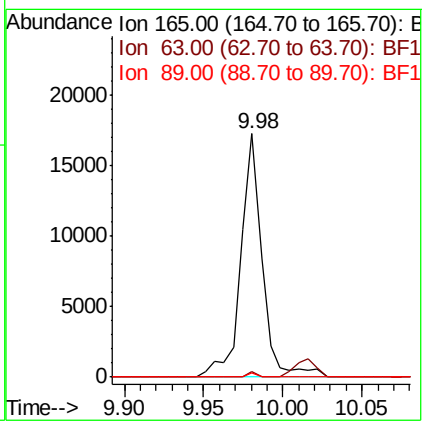


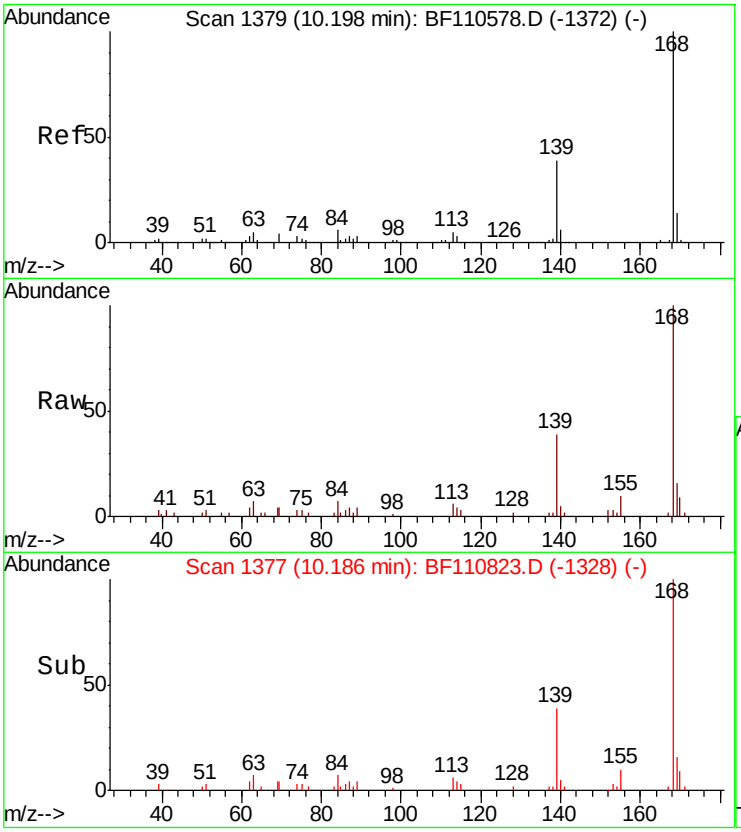


#51
2,6-Dinitrotoluene
Concen: 8.396 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Tgt Ion:165 Resp: 16079

Ion	Ratio	Lower	Upper
165	100		
63	2.2	48.9	73.3#
89	2.0	46.6	69.8#



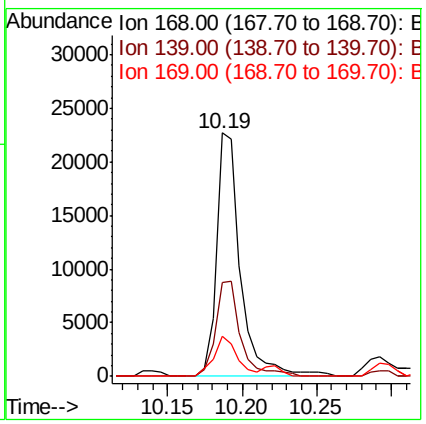


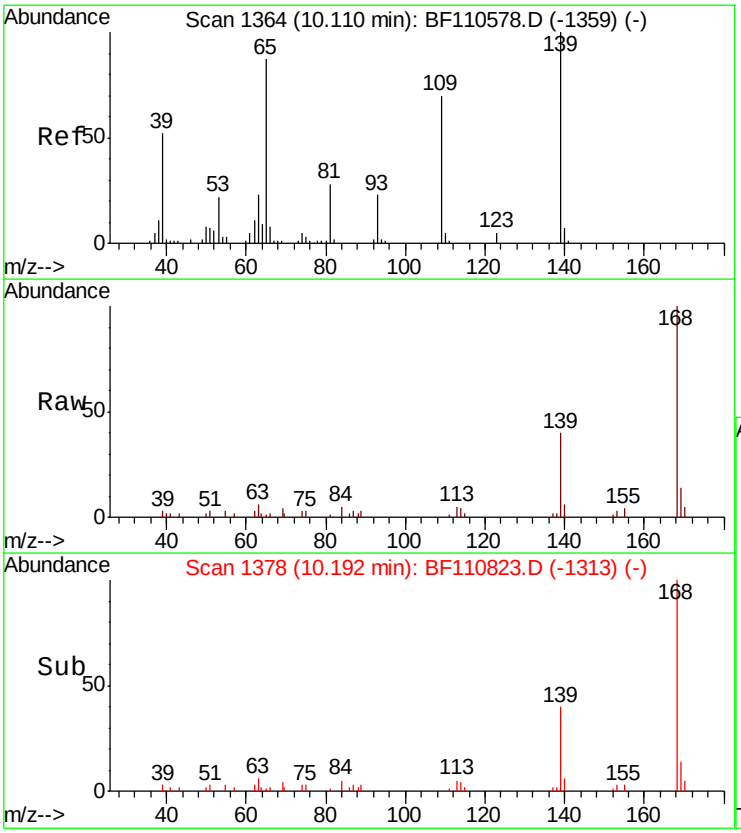
#55
Dibenzofuran
Concen: 2.435 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:168 Resp: 25423

Ion	Ratio	Lower	Upper
168	100		
139	38.7	33.0	49.6
169	16.4	11.3	16.9

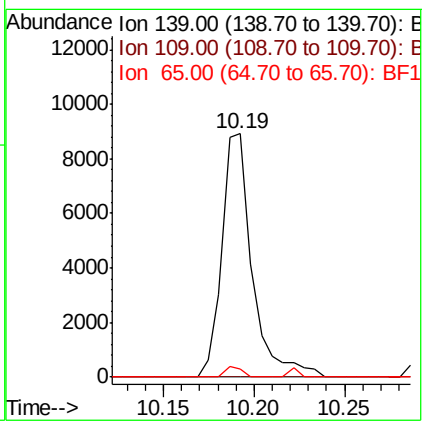


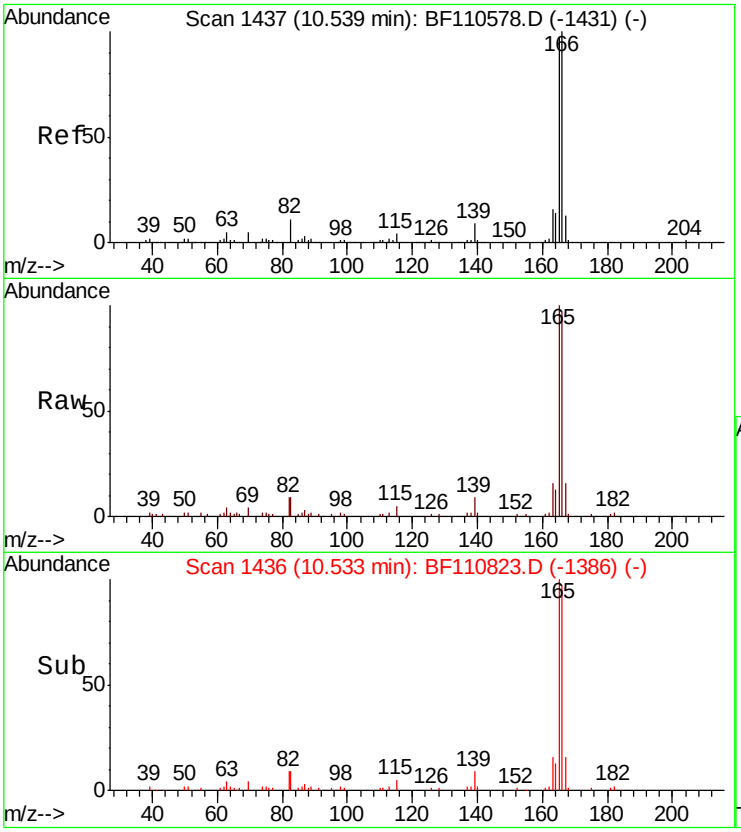


#56
4-Nitrophenol
Concen: 7.083 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.08 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Tgt Ion:139 Resp: 10425

Ion	Ratio	Lower	Upper
139	100		
109	0.0	55.8	95.8#
65	3.4	77.9	117.9#



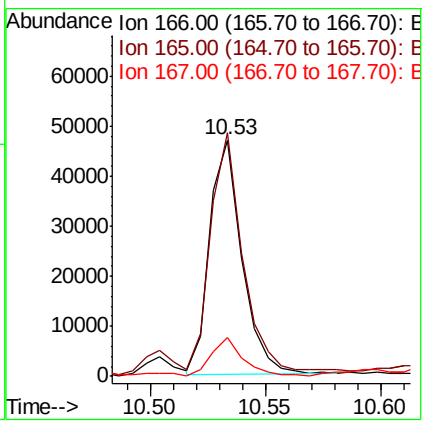


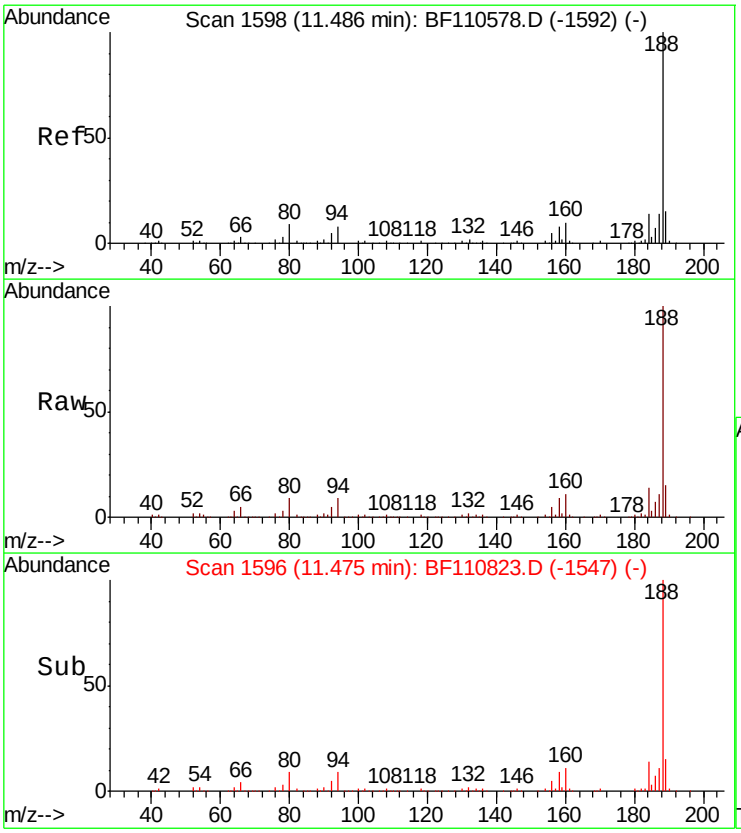
#58
Fluorene
Concen: 5.657 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:166 Resp: 45363

Ion	Ratio	Lower	Upper
166	100		
165	102.9	78.6	117.8
167	16.2	10.8	16.2

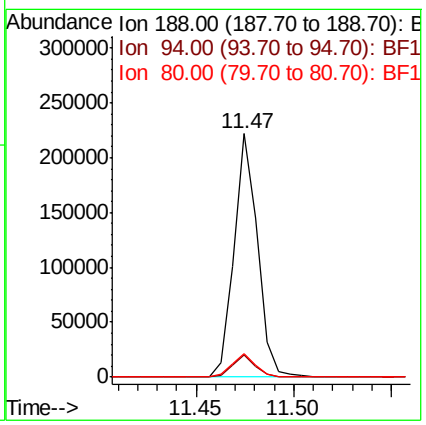


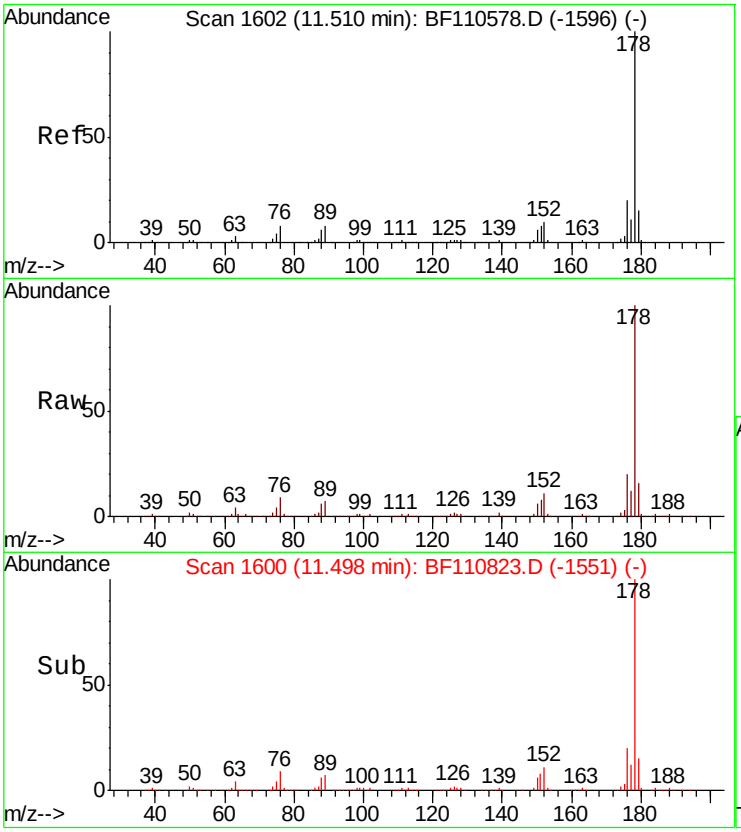


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Tgt Ion:188 Resp: 184799

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.4	7.9	11.9



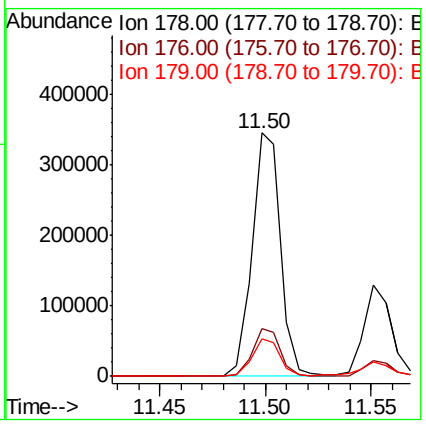


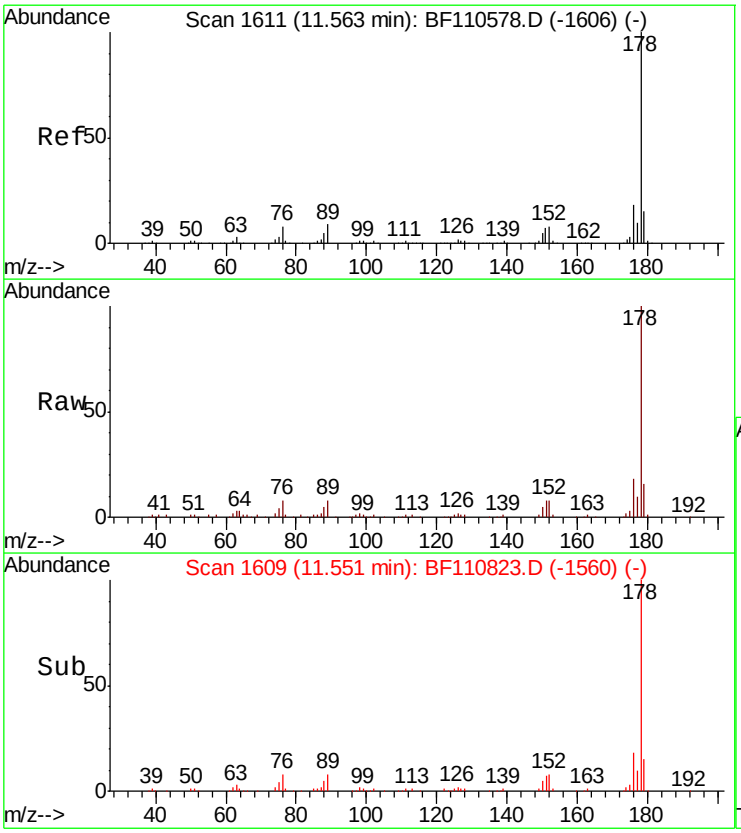
#71
Phenanthrene
Concen: 32.757 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:178 Resp: 324318

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.5	12.5	18.7

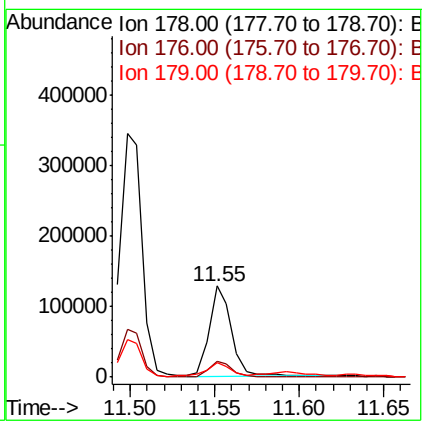


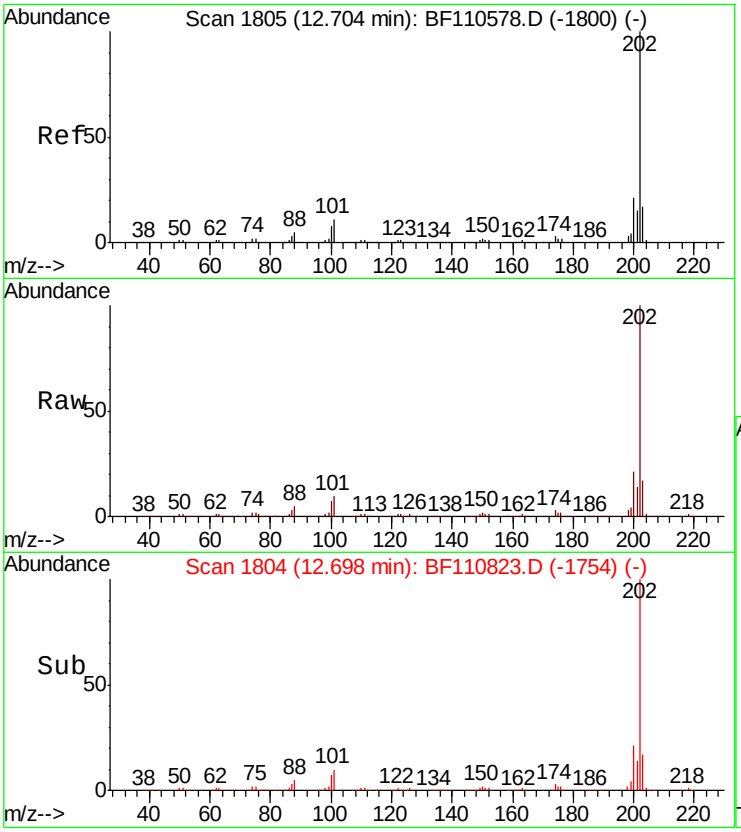


#72
Anthracene
Concen: 11.942 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Tgt Ion:178 Resp: 119271

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.4	23.2
179	15.7	12.6	18.8



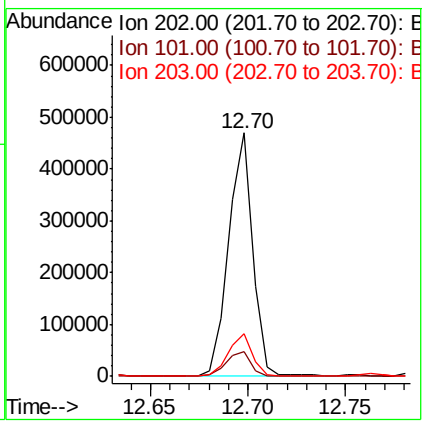


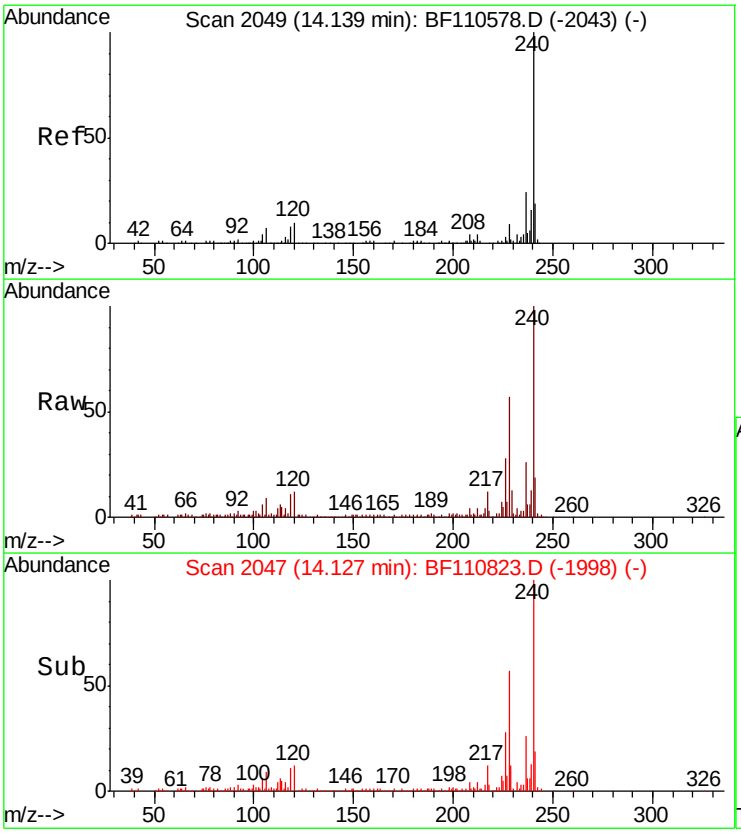
#75
Fluoranthene
Concen: 40.470 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:202 Resp: 401701

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.4
203	17.4	0.0	37.7

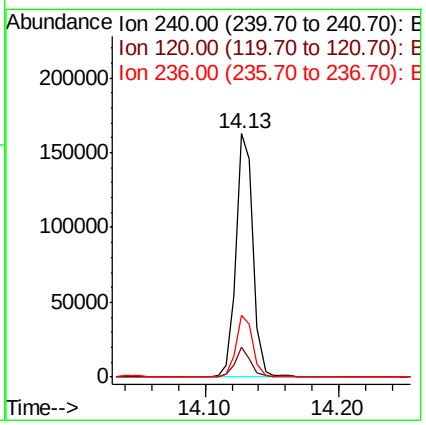


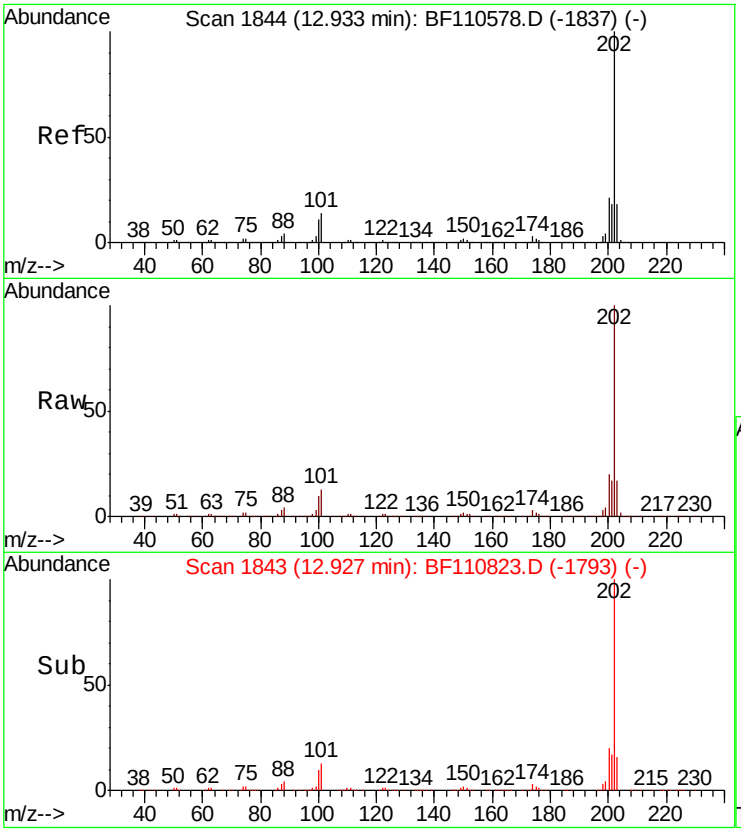


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Tgt Ion:240 Resp: 146450

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	25.6	21.2	31.8



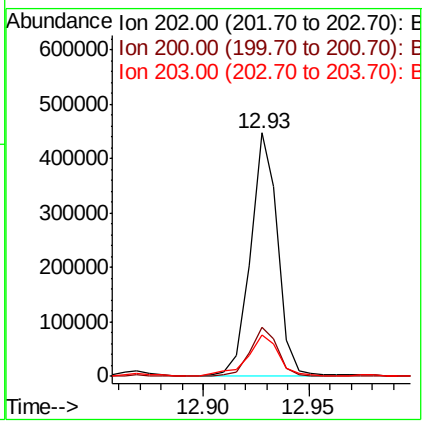


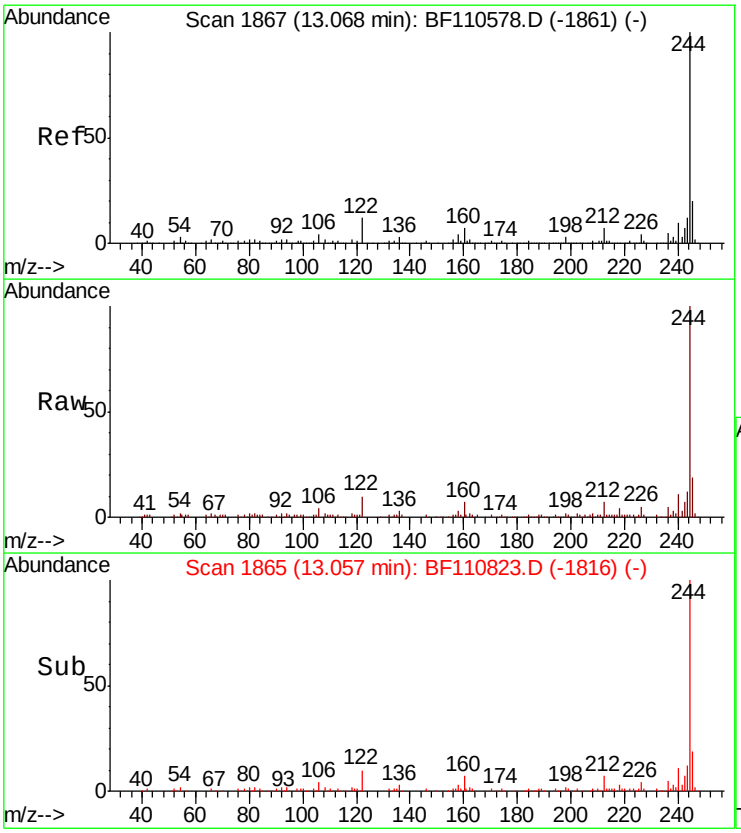
#78
Pyrene
Concen: 35.170 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:202 Resp: 396584

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.8	26.6
203	17.0	14.2	21.4

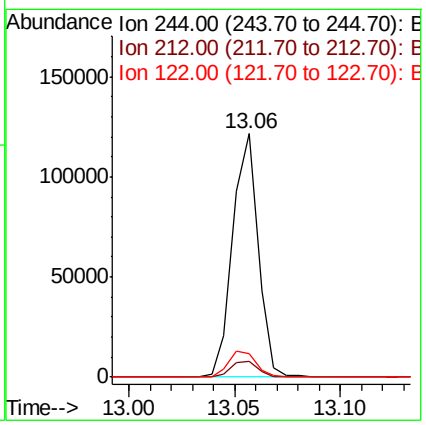


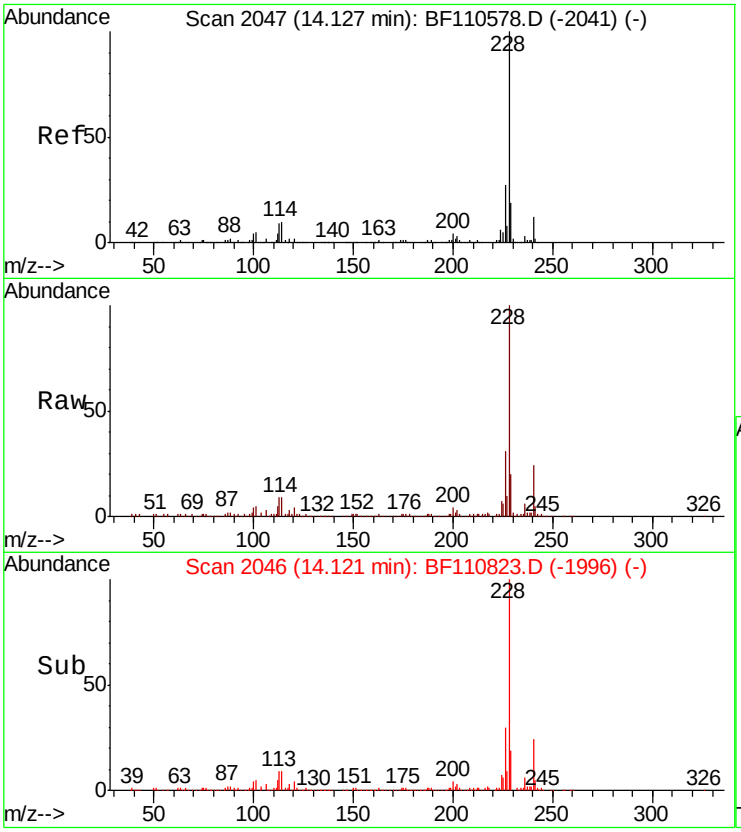


#79
Terphenyl-d14
Concen: 12.959 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Tgt Ion:244 Resp: 101338

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	9.8	8.7	13.1



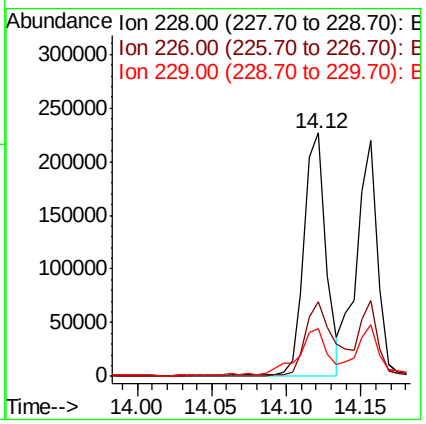


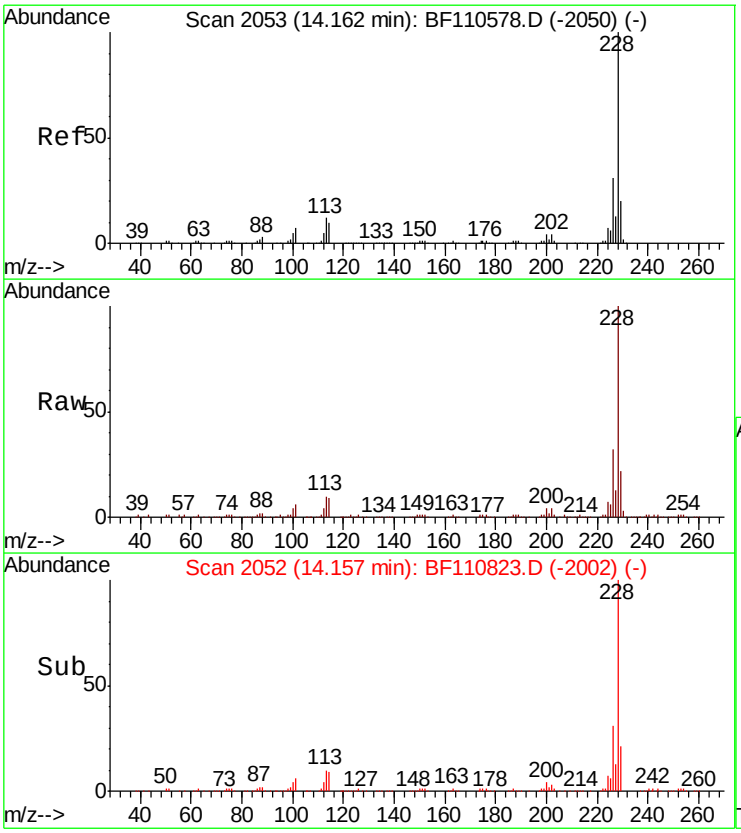
#81
Benzo(a)anthracene
Concen: 26.518 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:228 Resp: 232127

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.1	33.1
229	19.7	15.6	23.4

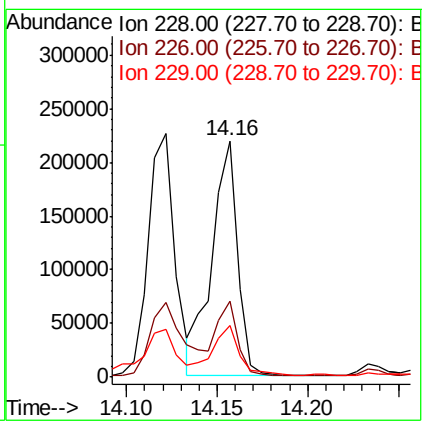


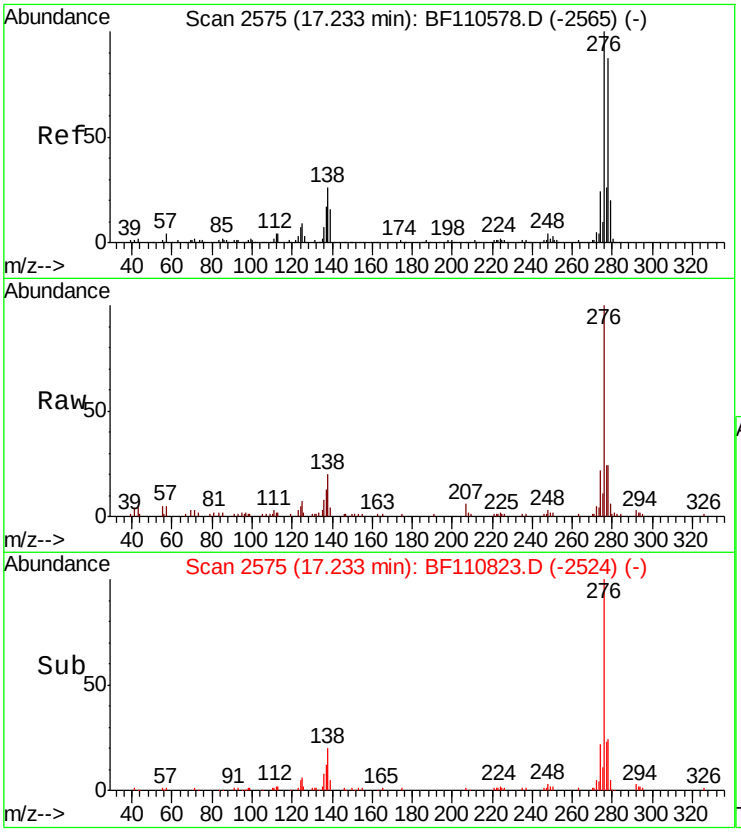


#83
Chrysene
Concen: 25.956 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Tgt Ion:228 Resp: 216460

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.7	37.1
229	21.7	15.9	23.9



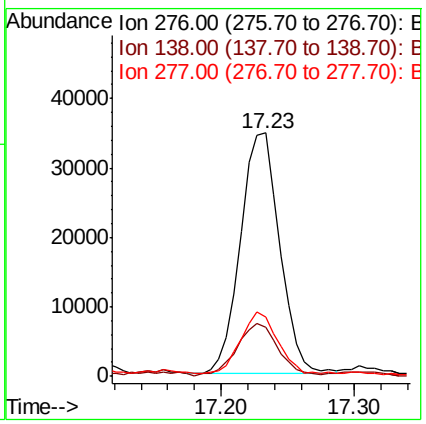


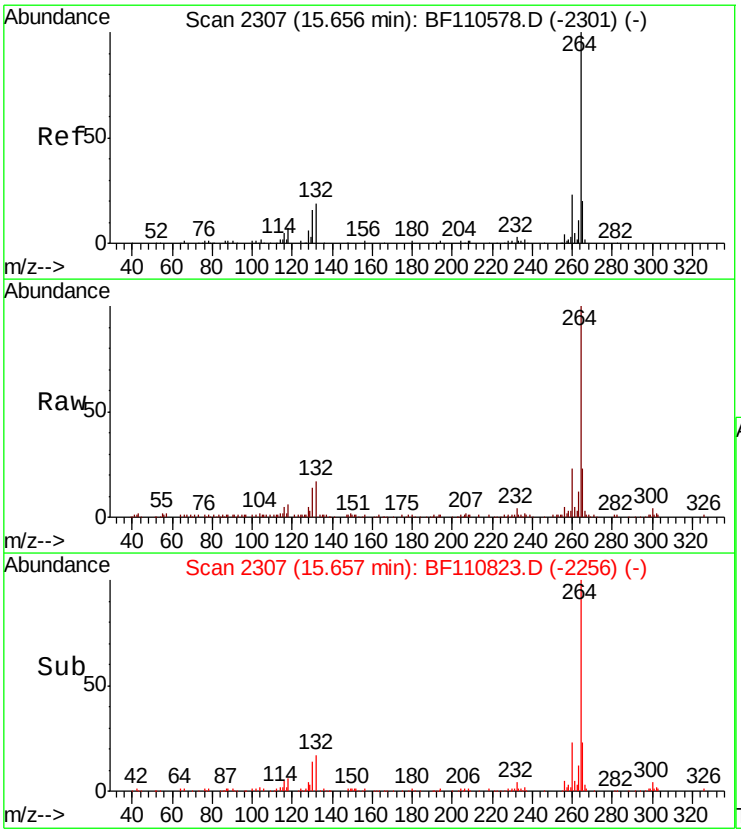
#86
Indeno(1,2,3-cd)pyrene
Concen: 11.789 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.00 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:276 Resp: 70549

Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.5	27.7
277	25.3	20.0	30.0

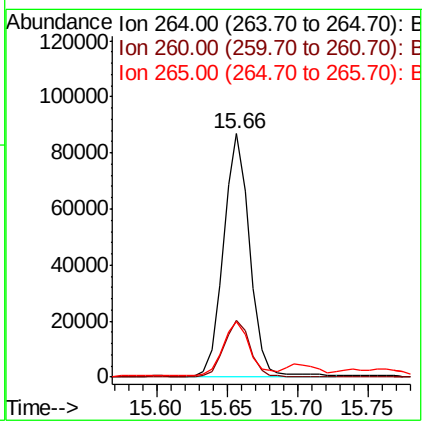


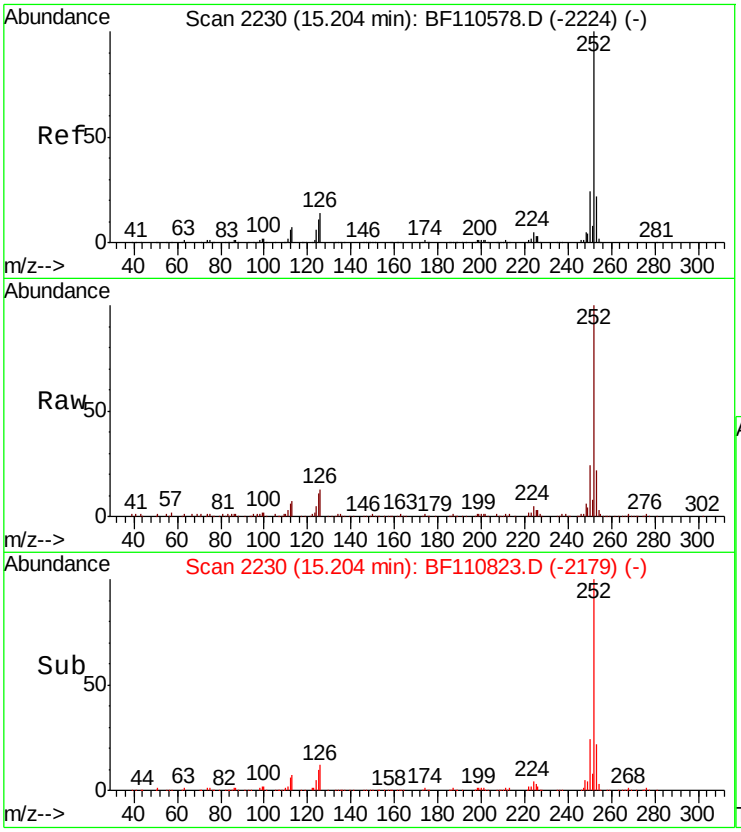


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Tgt Ion:264 Resp: 112745

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	23.0	16.7	25.1



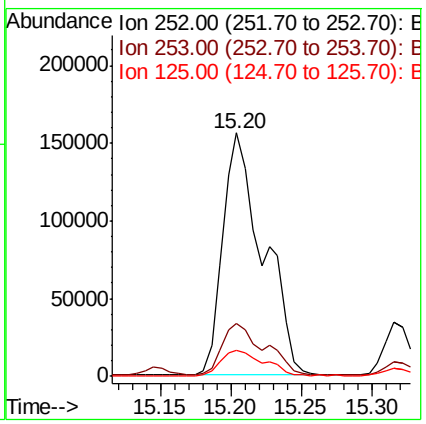


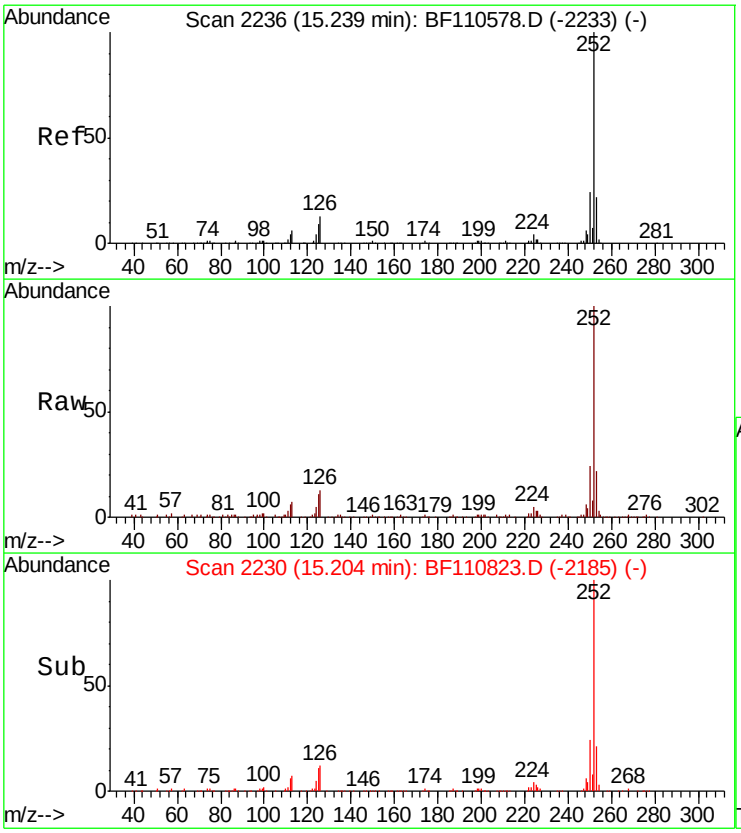
#88
Benzo(b)fluoranthene
Concen: 46.130 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:252 Resp: 311137

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.8	8.2	12.4

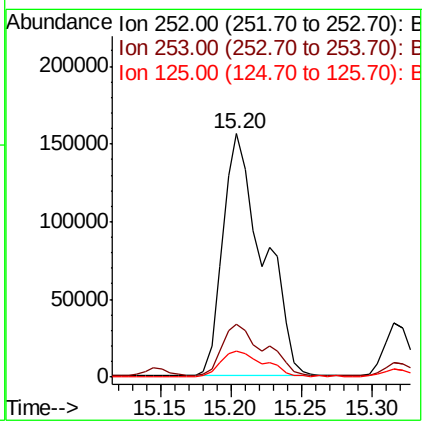


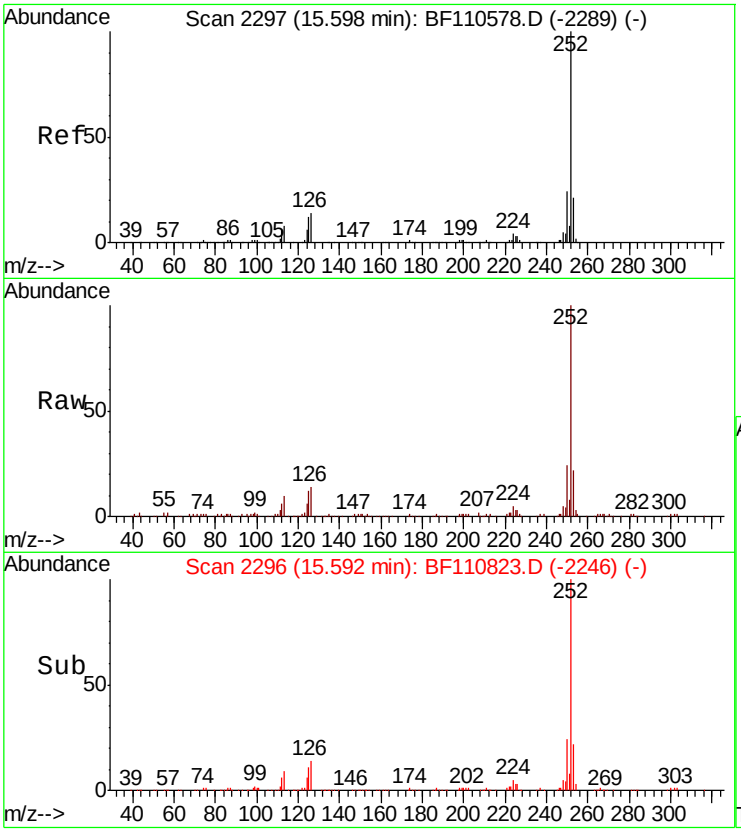


#89
Benzo(k)fluoranthene
Concen: 46.685 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Tgt Ion:252 Resp: 311137

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.8	7.4	11.0



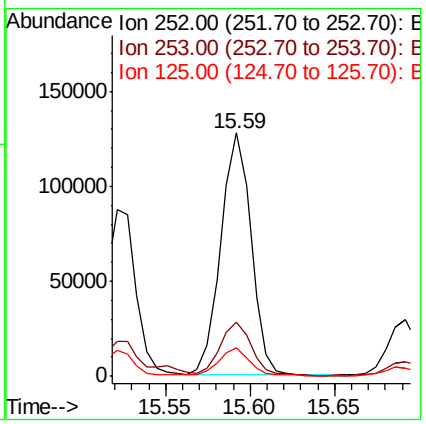


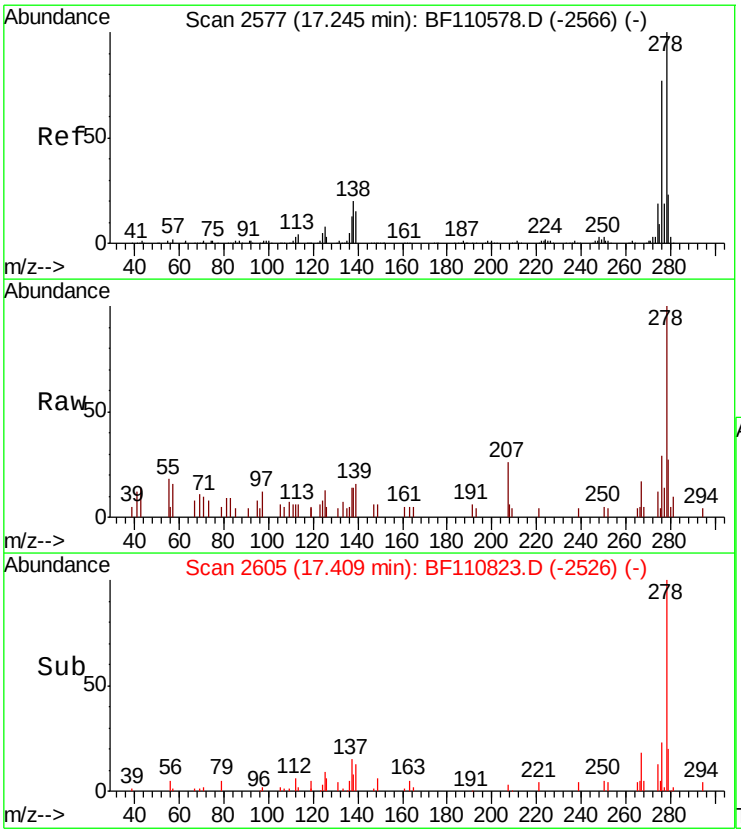
#90
Benzo(a)pyrene
Concen: 26.143 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:252 Resp: 160205

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	11.8	9.0	13.6

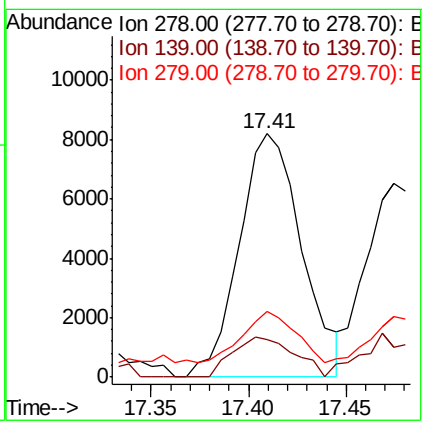


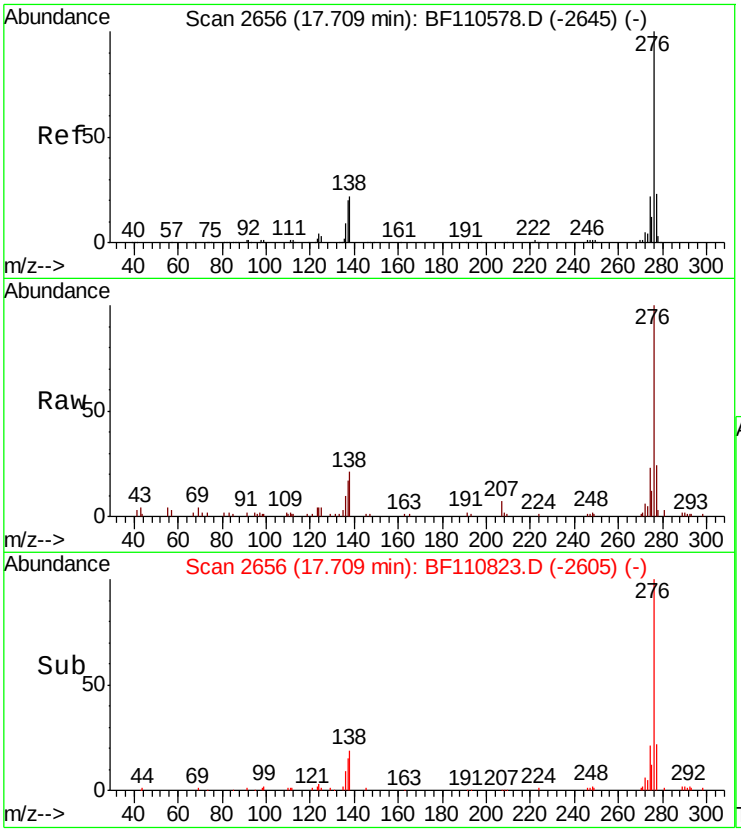


#91
Dibenzo(a,h)anthracene
Concen: 3.505 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.16 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Tgt Ion:278 Resp: 18176

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.7	19.1
279	27.0	19.0	28.4





#92
Benzo(g,h,i)perylene
Concen: 13.981 ng
RT: 17.71 min Scan# 2656
Delta R.T. 0.00 min
Lab File: BF110823.D
Acq: 16 Nov 2018 18:13

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:276 Resp: 71939

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	20.8	16.0	24.0