Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
Data File : BF110691.D
Acq On : 12 Nov 2018 22:54
Operator : JU/SJ
Sample : J5907-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Quant Time: Nov 13 05:41:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	93778	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	399254	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	180832	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	294712	20.00	ng		0.00
76) Chrysene-d12	14.13	240	185446	20.00	ng		-0.01
87) Perylene-d12	15.66	264	167057	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	296173	51.30	ng		0.00
7) Phenol-d6	6.56	99	387145	52.44	ng		-0.01
23) Nitrobenzene-d5	7.50	82	243121	35.07	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	64463	35.38	ng		-0.01
45) 2-Fluorobiphenyl	9.30	172	459960	36.33	ng		0.00
79) Terphenyl-d14	13.06	244	319495	32.26	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.57	94	21524	2.514	ng		80
19) n-Nitroso-di-n-propylamine	7.50	70	31717	6.730	ng	#	82
25) Isophorone	7.50	82	243118	21.396	ng	#	67
50) Dimethylphthalate	9.69	163	64404	4.773	ng		100
51) 2,6-Dinitrotoluene	9.99	165	22819	7.688	ng	#	23
56) 4-Nitrophenol	10.19	139	5395	2.365	ng	#	6
57) 2,4-Dinitrotoluene	9.99	165	22819	5.913	ng	#	19
71) Phenanthrene	11.50	178	243842	15.444	ng		99
72) Anthracene	11.56	178	55978	3.515	ng		97
75) Fluoranthene	12.70	202	272609	17.221	ng		97
78) Pyrene	12.93	202	242545	16.986	ng		98
81) Benzo(a)anthracene	14.12	228	113341	10.225	ng		99
83) Chrysene	14.15	228	102134	9.672	ng		97
86) Indeno(1,2,3-cd)pyrene	17.22	276	42925	5.665	ng		95
88) Benzo(b)fluoranthene	15.20	252	151971	15.206	ng		97
89) Benzo(k)fluoranthene	15.20	252	151971	15.389	ng	#	96
90) Benzo(a)pyrene	15.59	252	79530	8.759	ng		97
92) Benzo(g,h,i)perylene	17.70	276	40723	5.341	ng	#	90

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

Quantitation Report (Not Reviewed)

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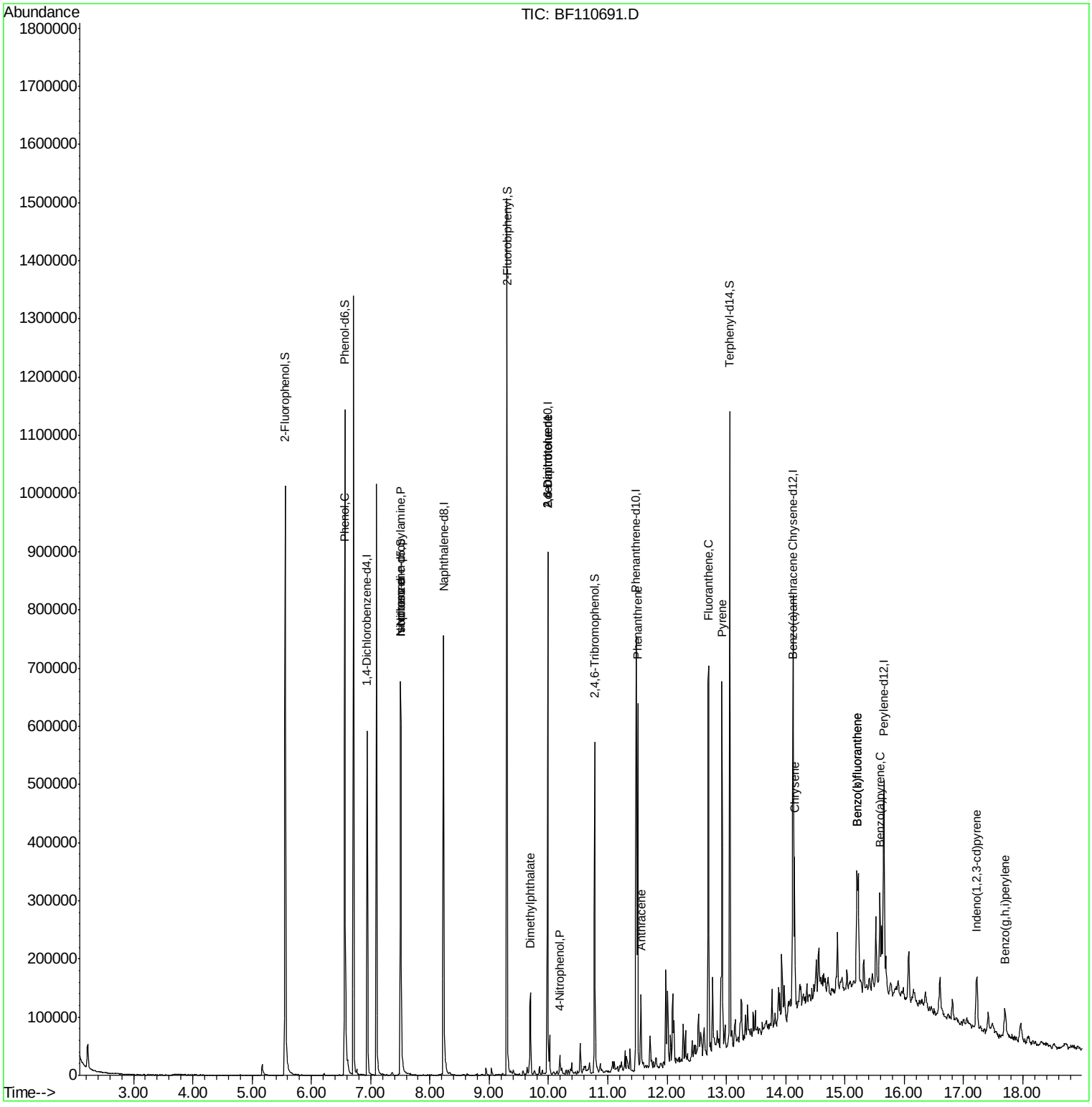
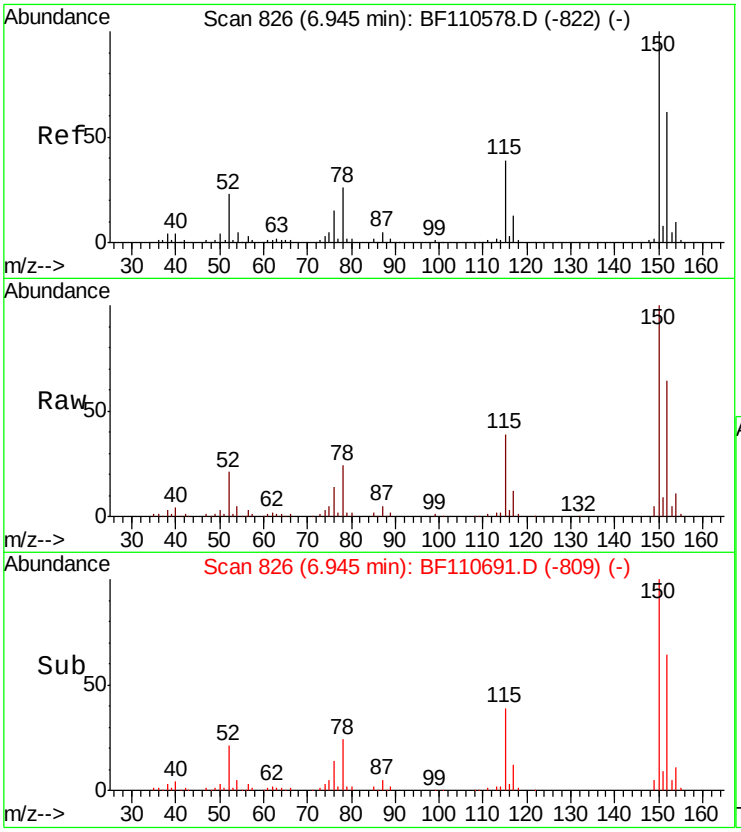


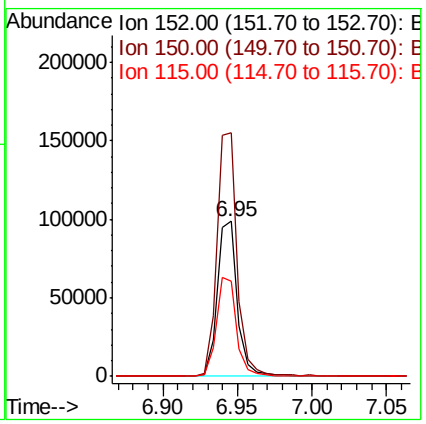


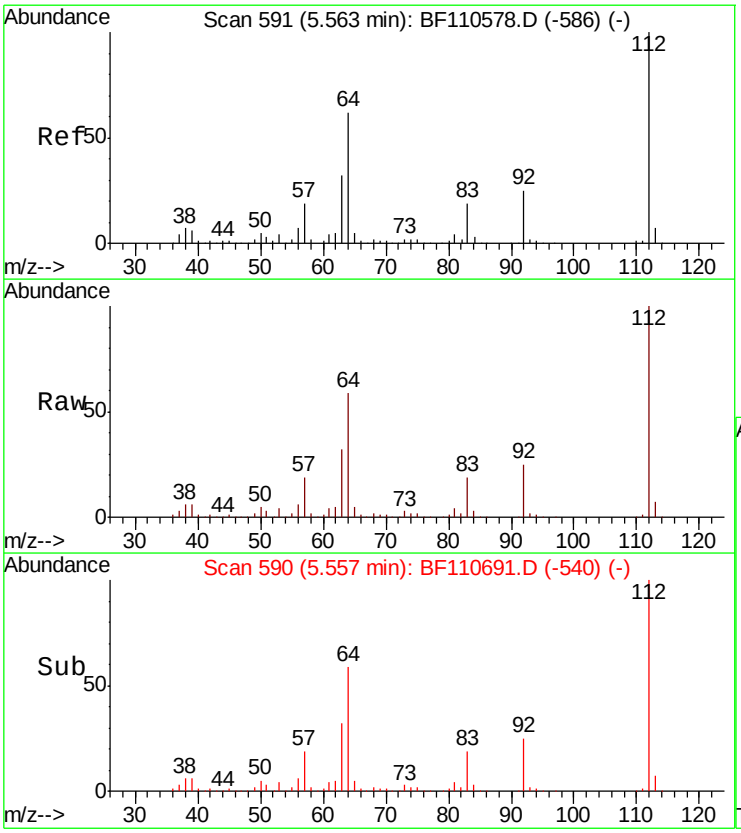
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tgt Ion:152 Resp: 93778

Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.7	184.1
115	61.3	49.1	73.7

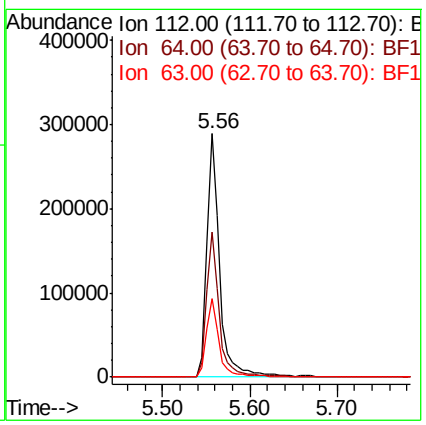


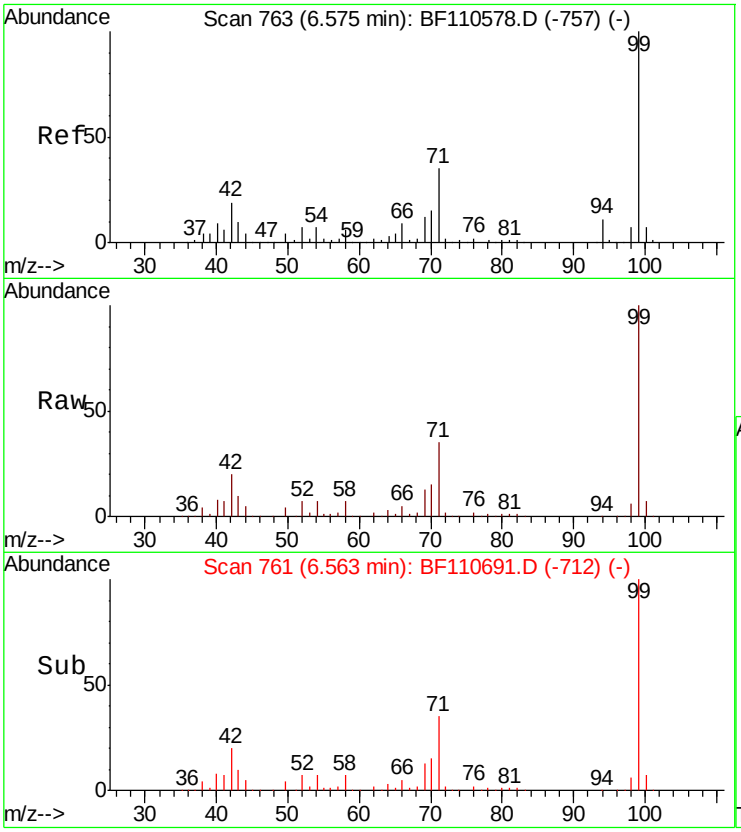


#5
2-Fluorophenol
Concen: 51.300 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion:112 Resp: 296173

Ion	Ratio	Lower	Upper
112	100		
64	59.4	44.1	66.1
63	32.4	23.7	35.5



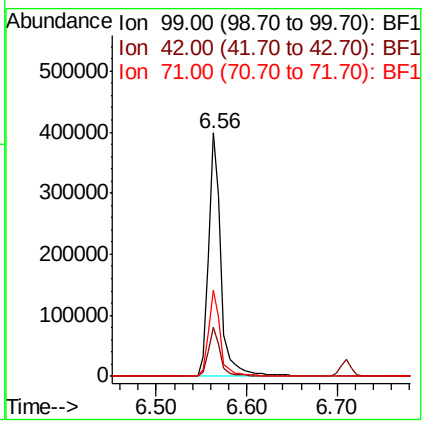


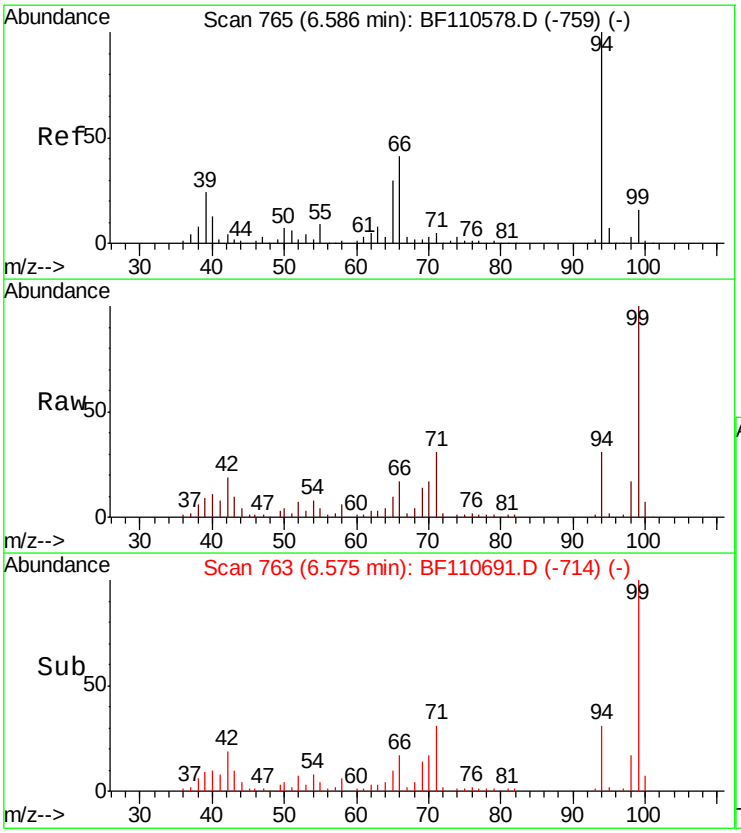
#7
Phenol-d6
Concen: 52.439 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tgt Ion: 99 Resp: 387145

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.8	23.6
71	35.5	28.0	42.0

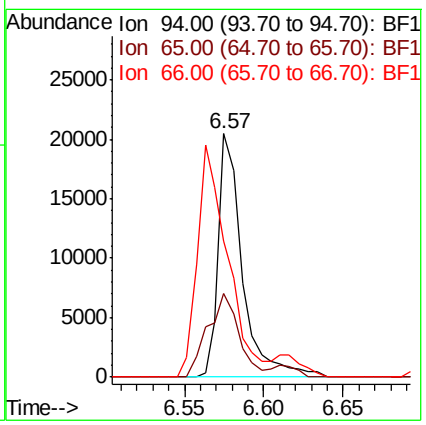


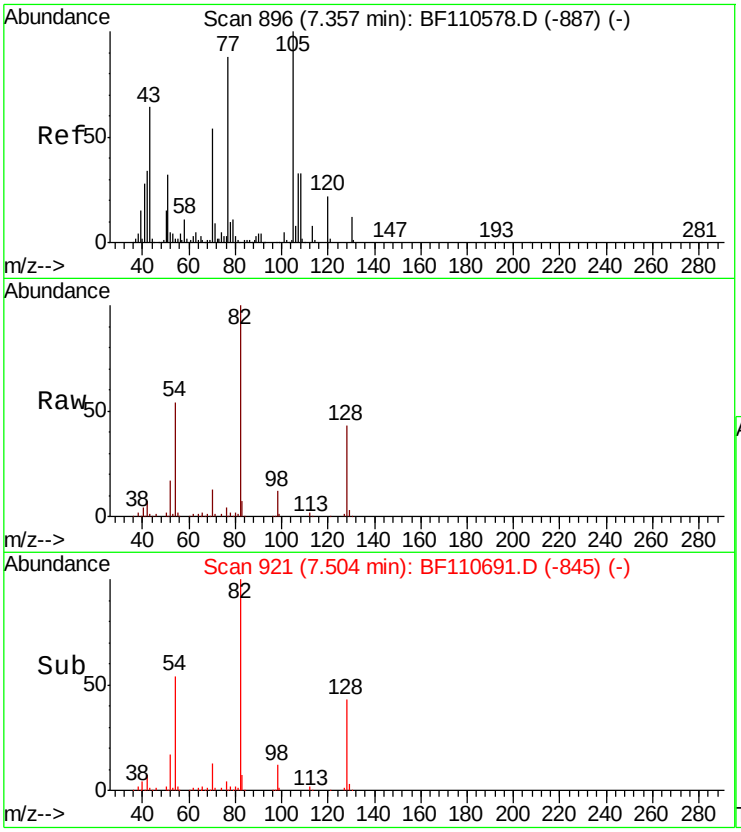


#10
Phenol
Concen: 2.514 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion: 94 Resp: 21524

Ion	Ratio	Lower	Upper
94	100		
65	34.1	25.3	65.3
66	56.0	54.5	94.5



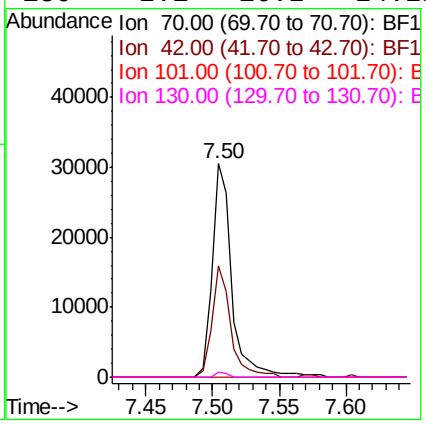


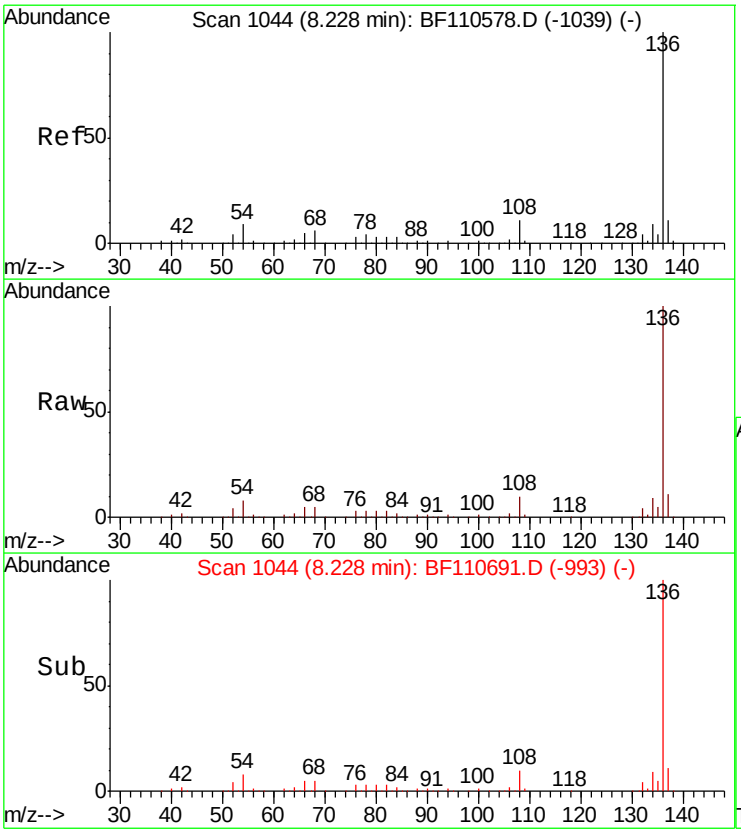
#19
n-Nitroso-di-n-propylamine
Concen: 6.730 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tgt Ion: 70 Resp: 31717

Ion	Ratio	Lower	Upper
70	100		
42	52.2	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#

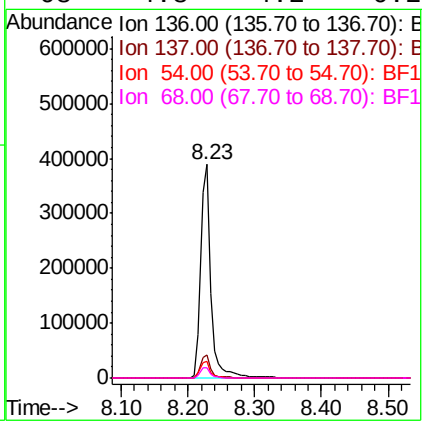


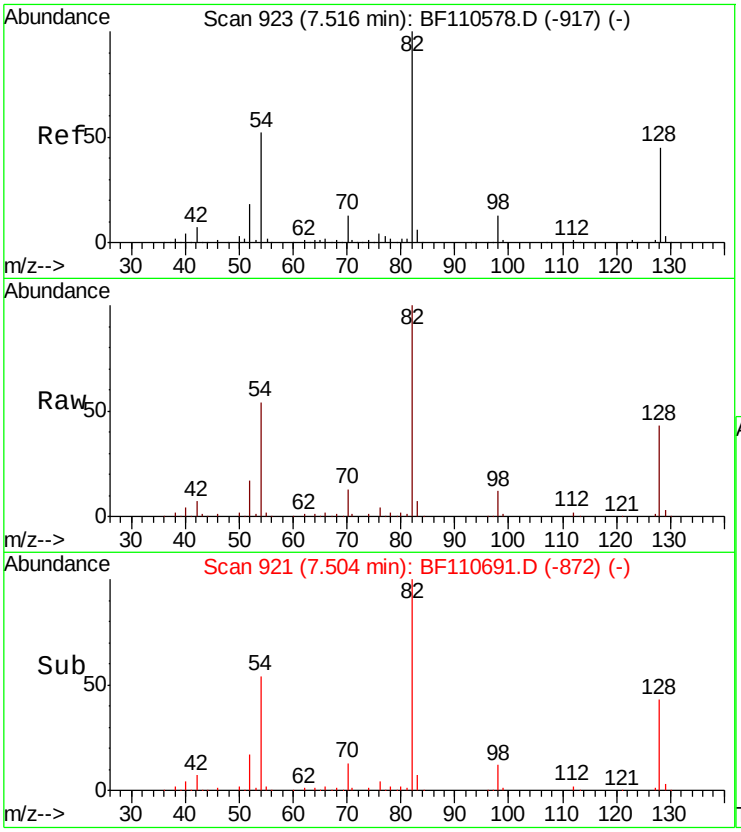


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion:136 Resp: 399254

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.5	5.4	8.2
68	4.8	4.2	6.2



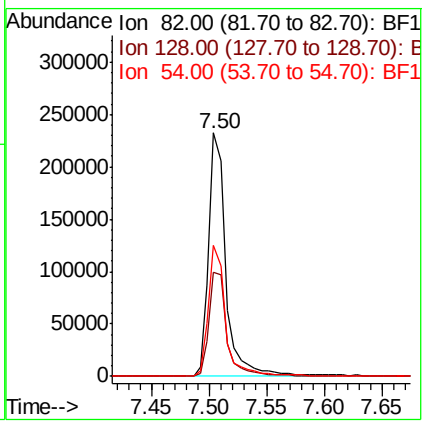


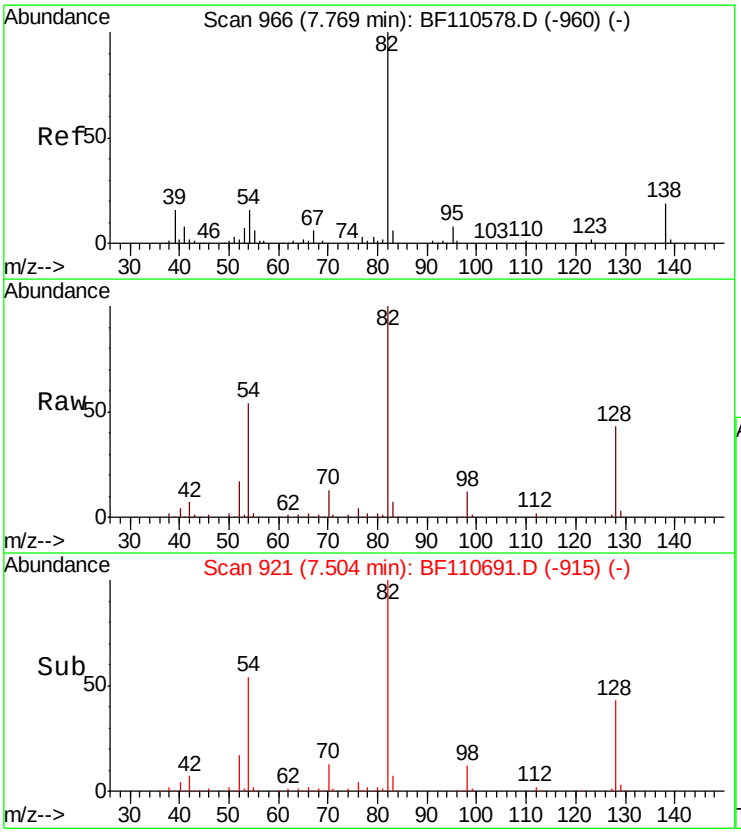
#23
Nitrobenzene-d5
Concen: 35.068 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tgt Ion: 82 Resp: 243121

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.2	51.2
54	53.6	38.6	58.0

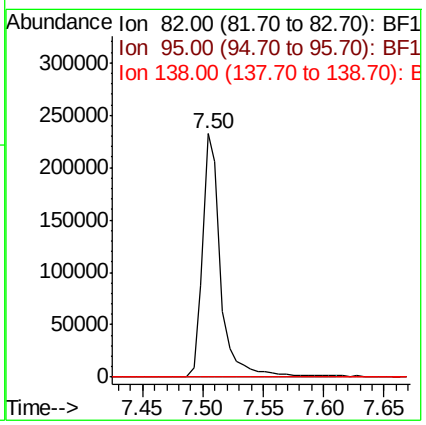


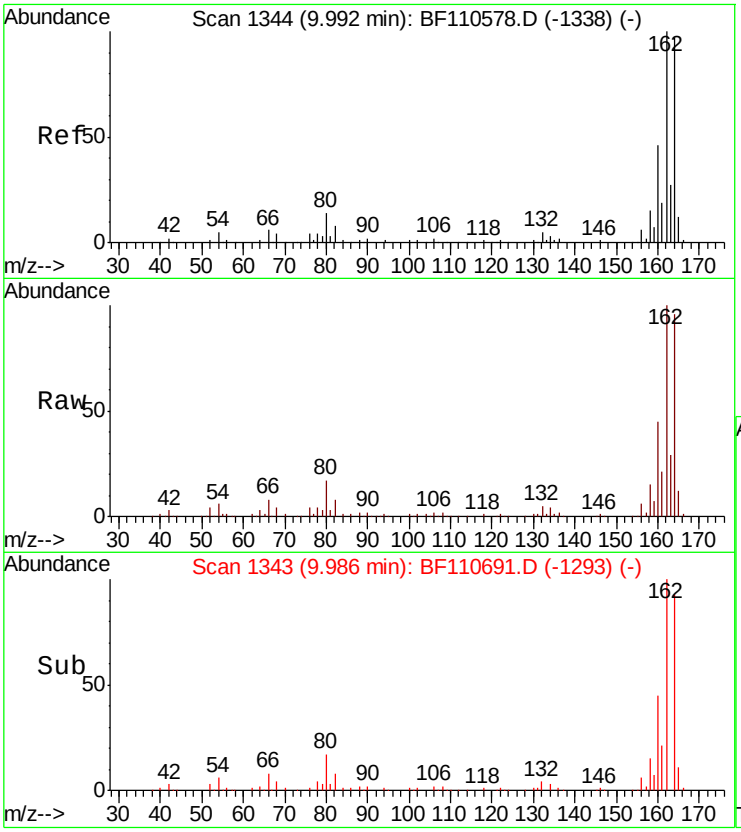


#25
Isophorone
Concen: 21.396 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion: 82 Resp: 243118

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



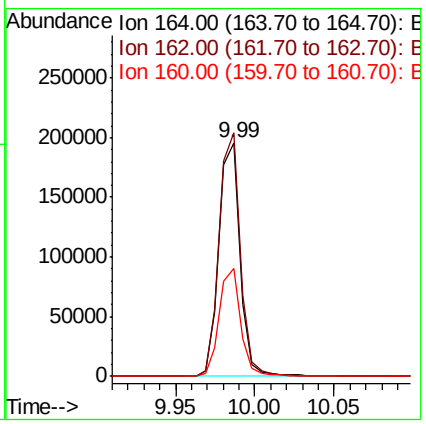


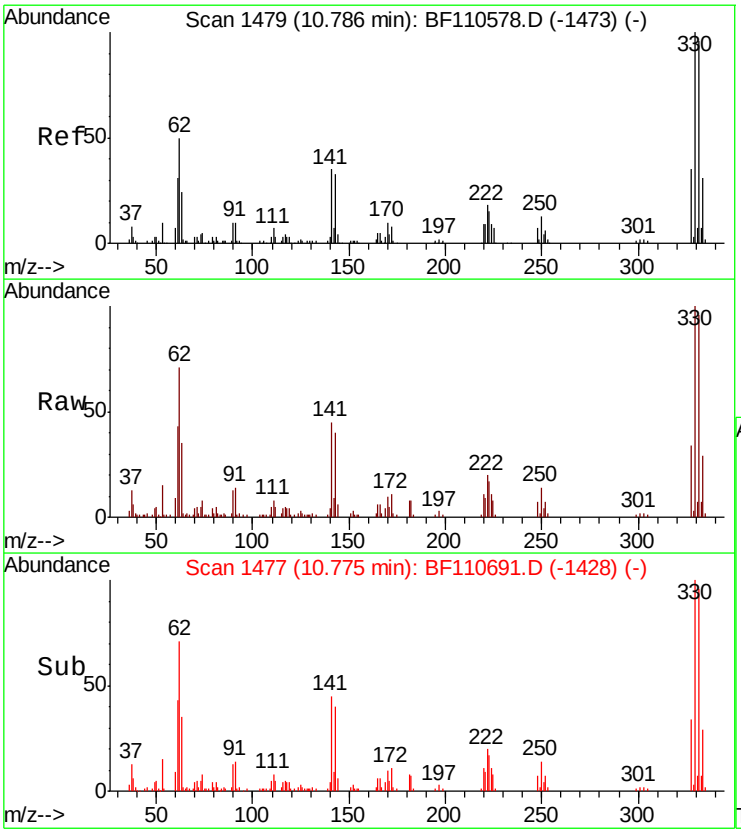
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tgt Ion:164 Resp: 180832

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.6
160	46.5	37.0	55.6

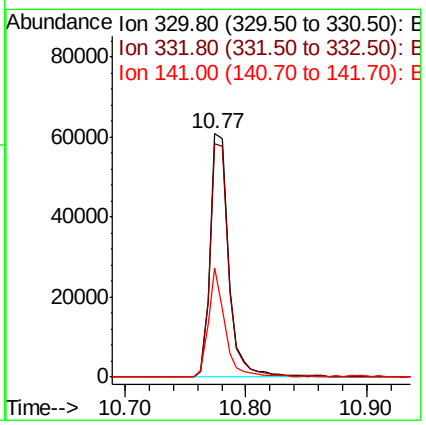


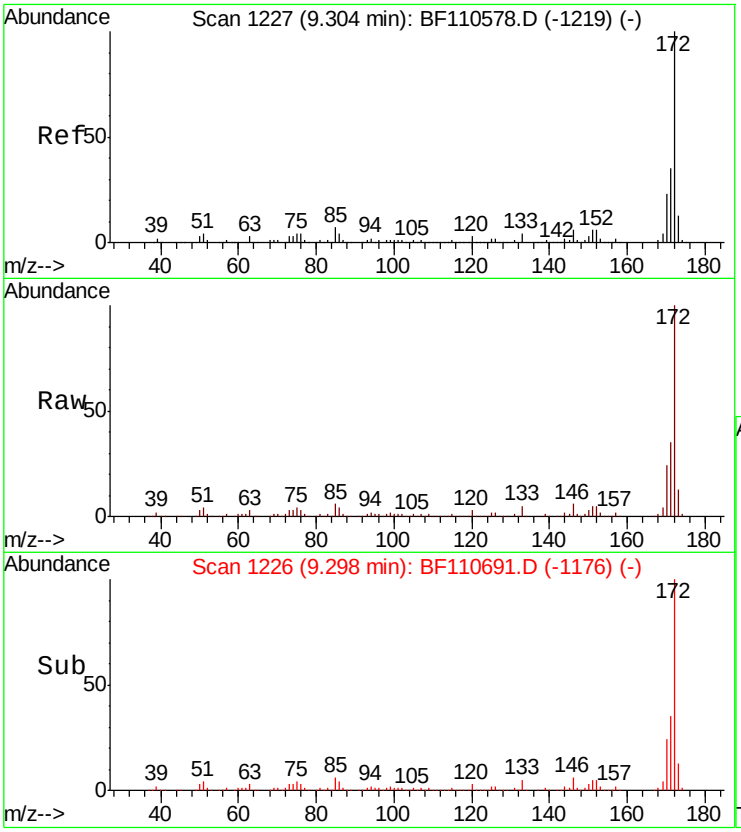


#42
2,4,6-Tribromophenol
Concen: 35.378 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion:330 Resp: 64463

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	39.5	27.0	40.4



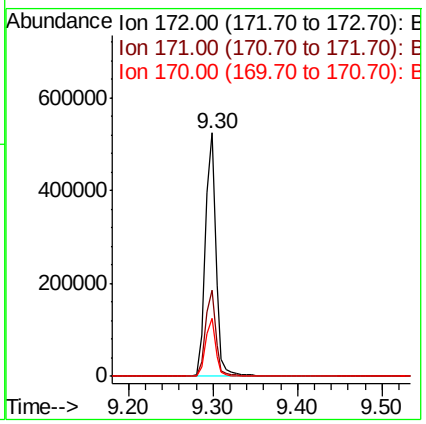


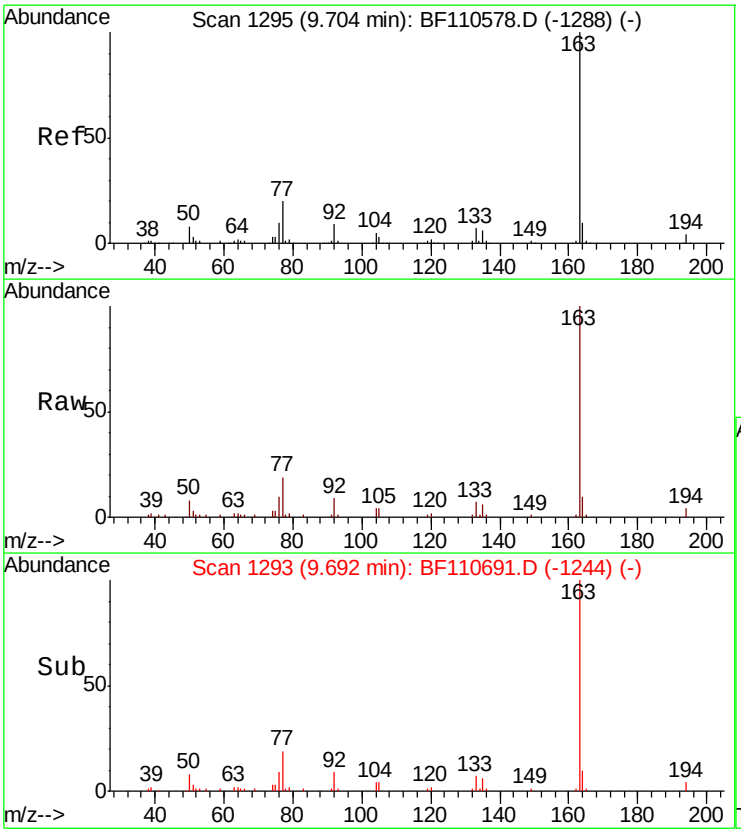
#45
2-Fluorobiphenyl
Concen: 36.327 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tgt Ion:172 Resp: 459960

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.7	19.7	29.5

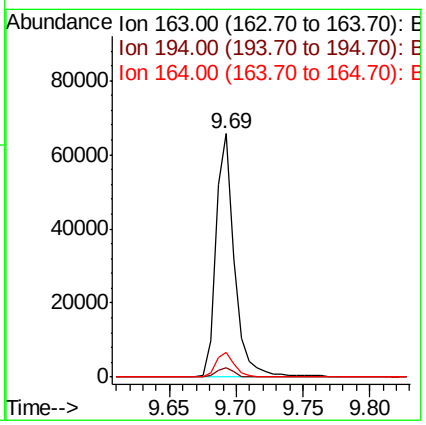


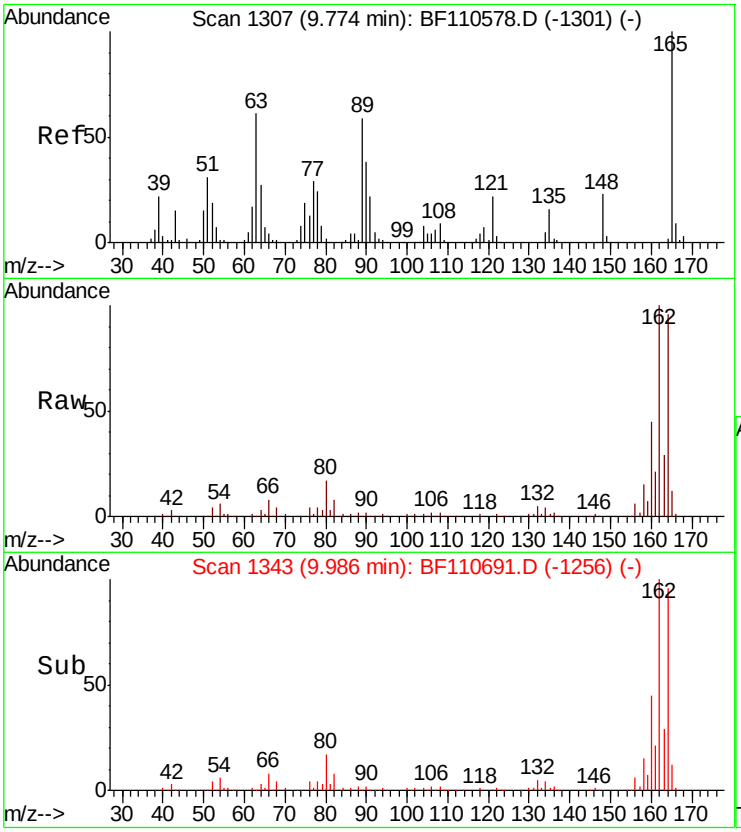


#50
Dimethylphthalate
Concen: 4.773 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion:163 Resp: 64404

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.1	8.1	12.1



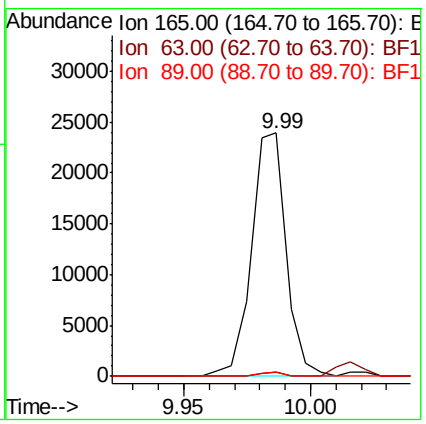


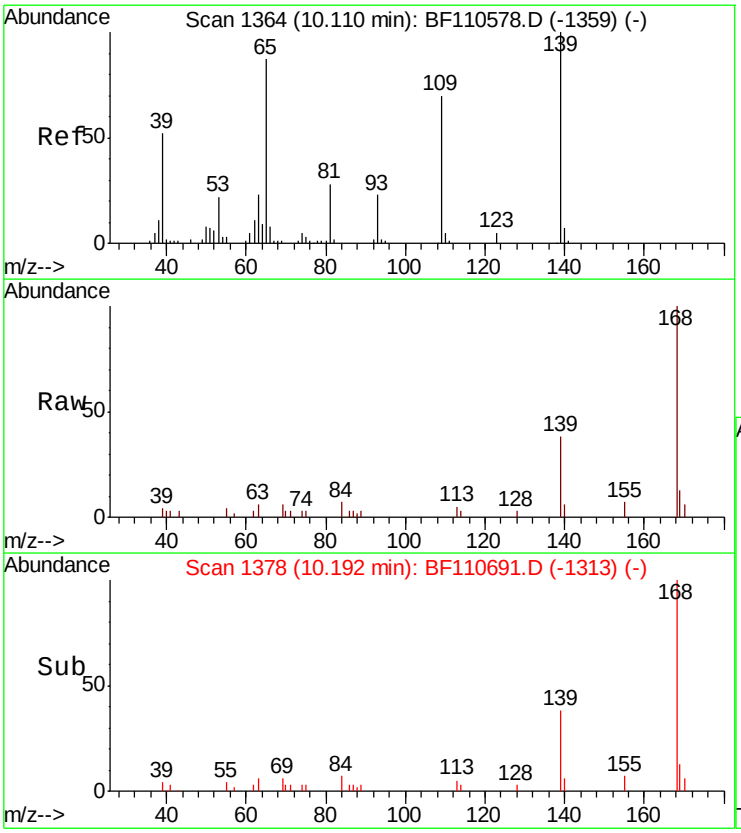
#51
2,6-Dinitrotoluene
Concen: 7.688 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tgt Ion:165 Resp: 22819

Ion	Ratio	Lower	Upper
165	100		
63	1.9	48.9	73.3#
89	1.5	46.6	69.8#

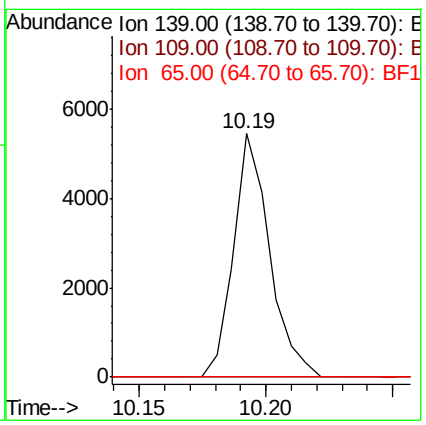


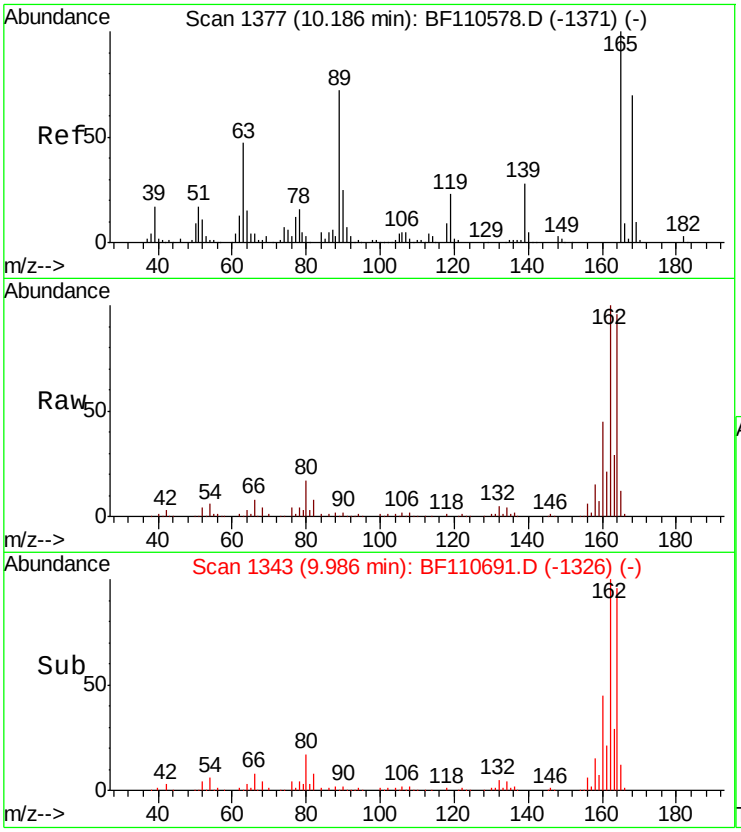


#56
4-Nitrophenol
Concen: 2.365 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.08 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion:139 Resp: 5395

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



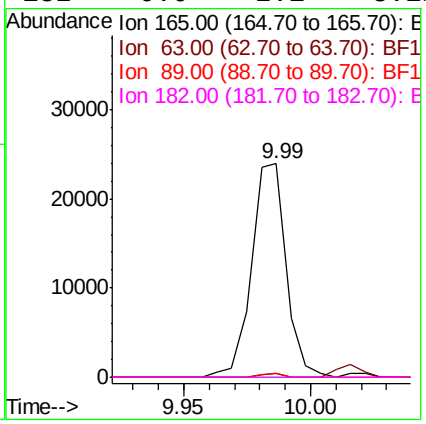


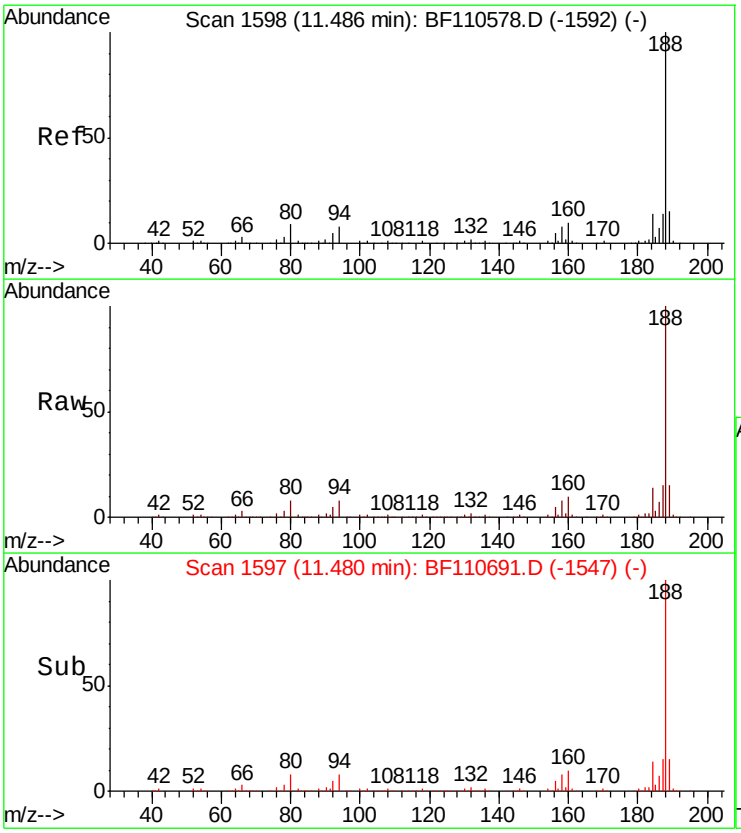
#57
2,4-Dinitrotoluene
Concen: 5.913 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tgt Ion:165 Resp: 22819

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#

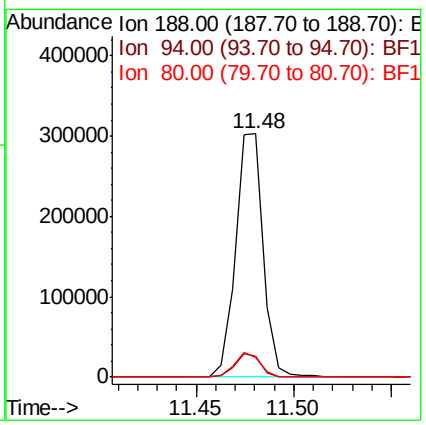


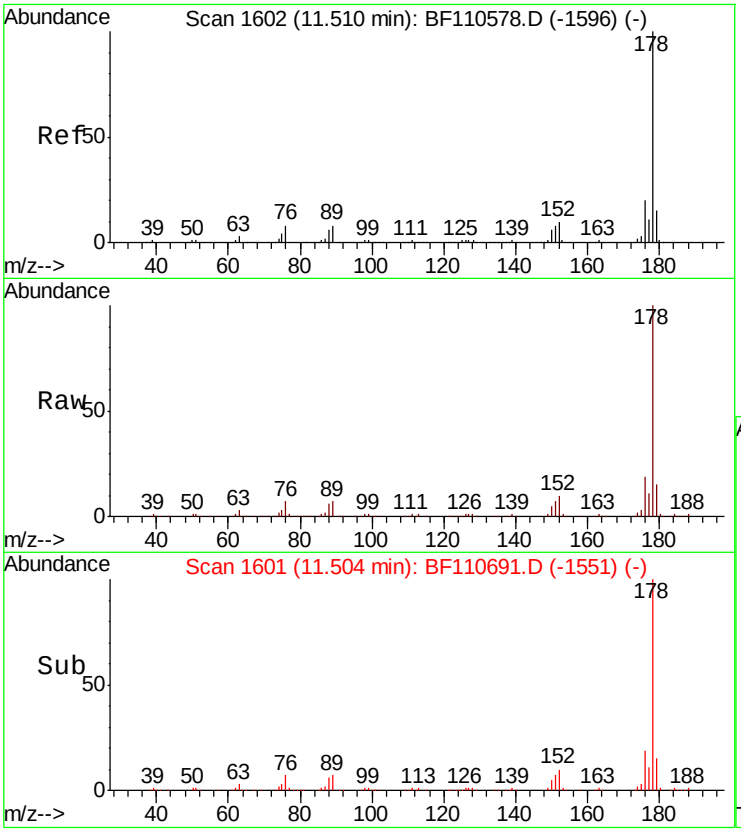


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion:188 Resp: 294712

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	8.2	7.9	11.9



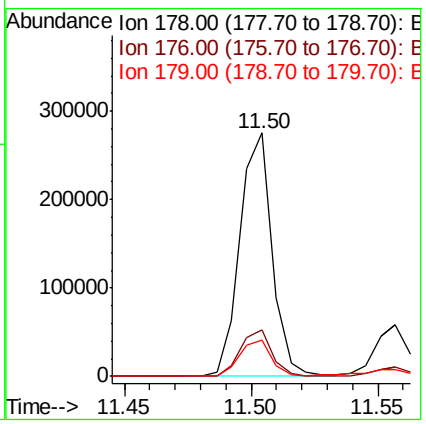


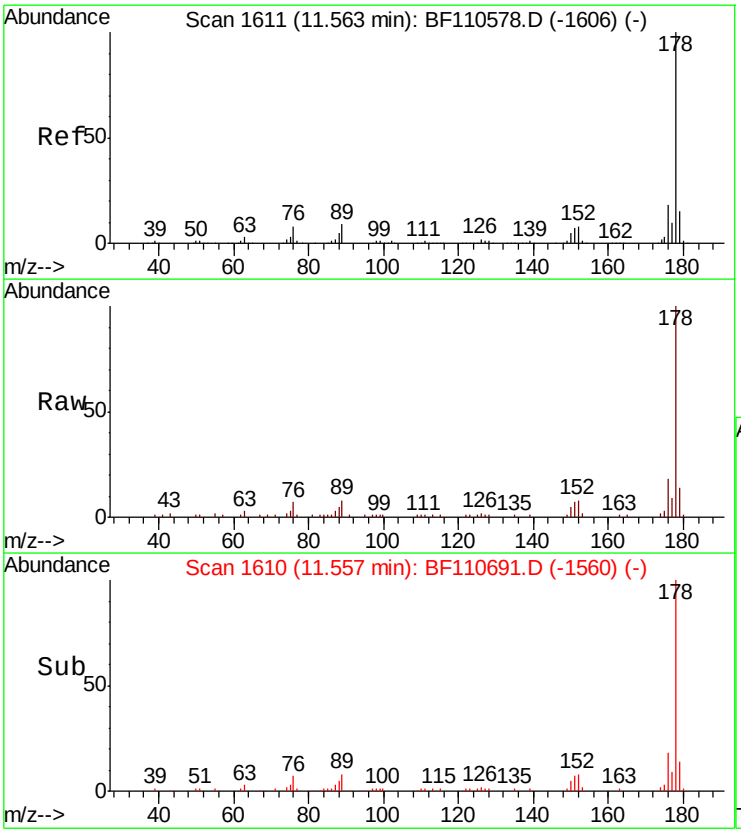
#71
Phenanthrene
Concen: 15.444 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tgt Ion:178 Resp: 243842

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	14.8	12.5	18.7

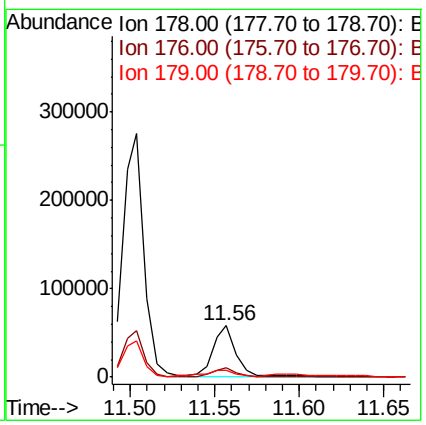


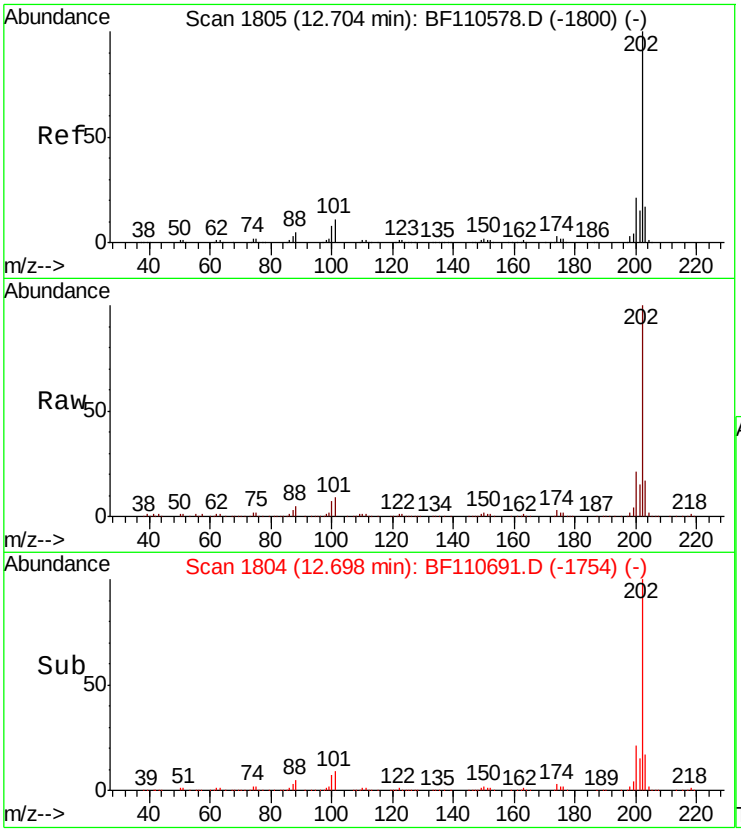


#72
Anthracene
Concen: 3.515 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion:178 Resp: 55978

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	14.4	12.6	18.8



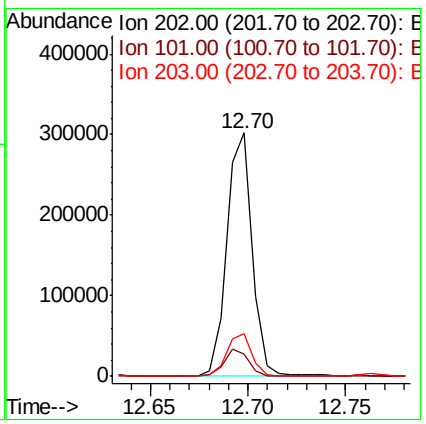


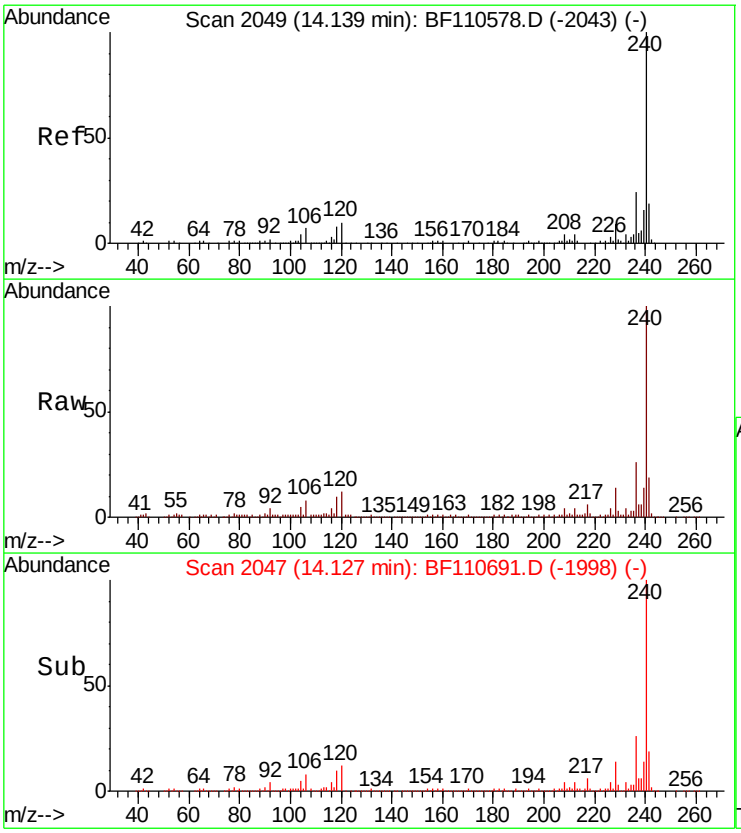
#75
Fluoranthene
Concen: 17.221 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tgt Ion:202 Resp: 272609

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	31.4
203	17.4	0.0	37.7

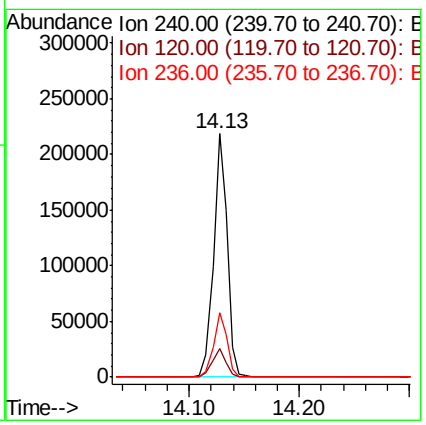


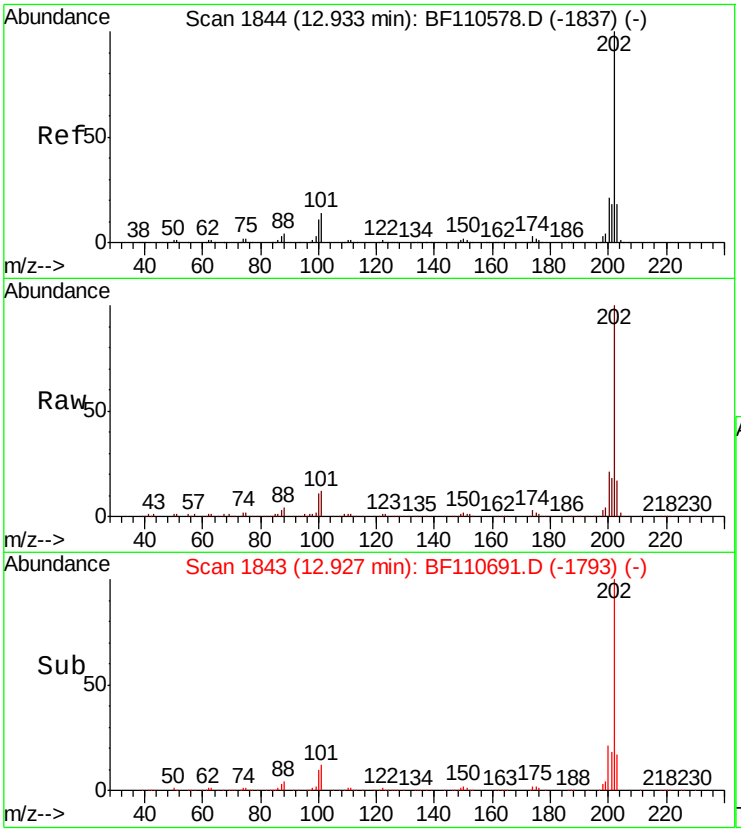


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion:240 Resp: 185446

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	26.2	21.2	31.8



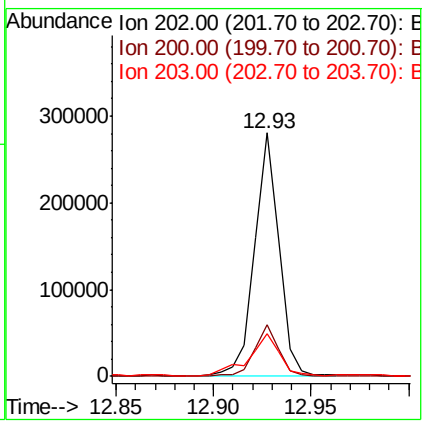


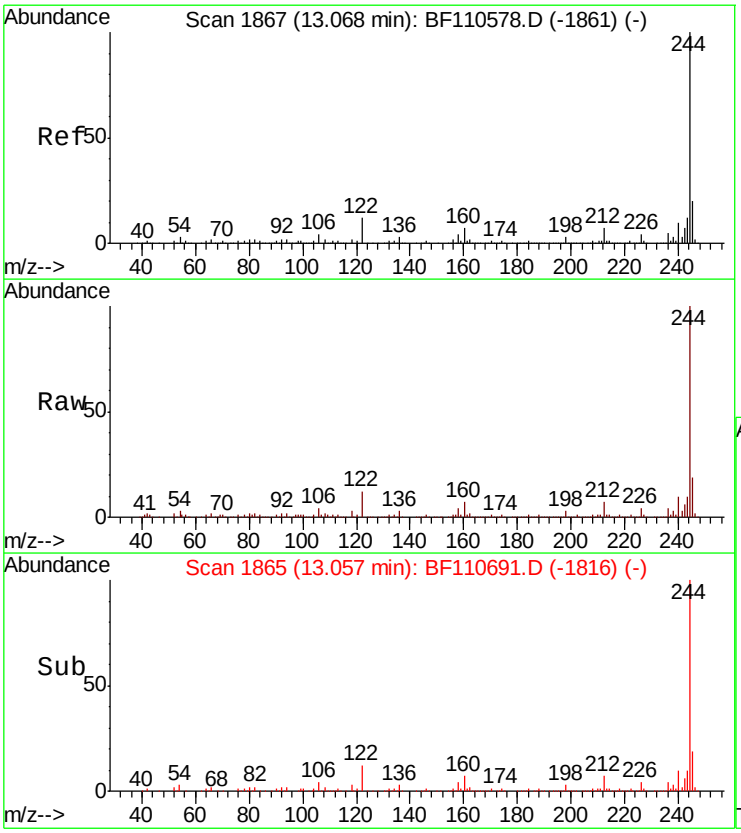
#78
Pyrene
Concen: 16.986 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tgt Ion:202 Resp: 242545

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.8	26.6
203	17.5	14.2	21.4

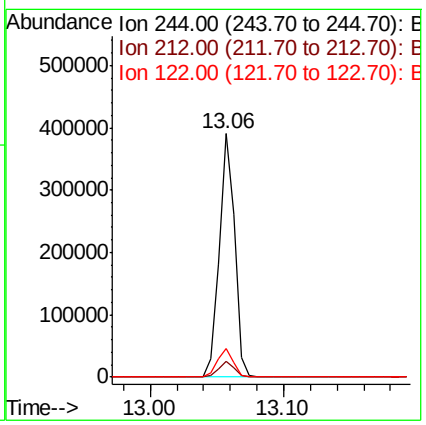


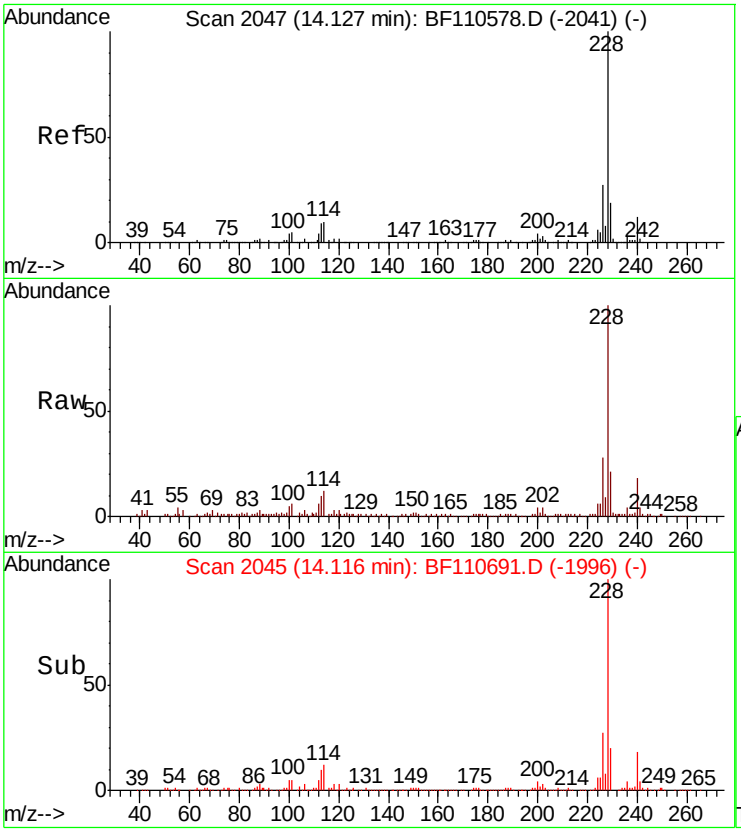


#79
Terphenyl-d14
Concen: 32.265 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion:244 Resp: 319495

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.8	8.7	13.1



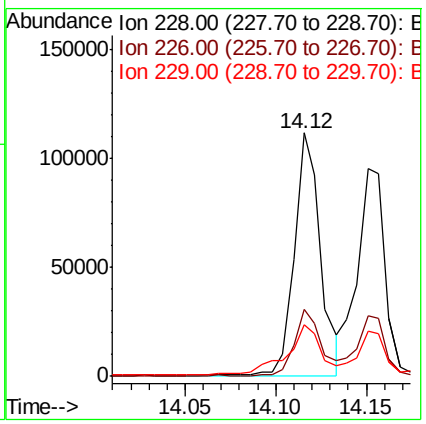


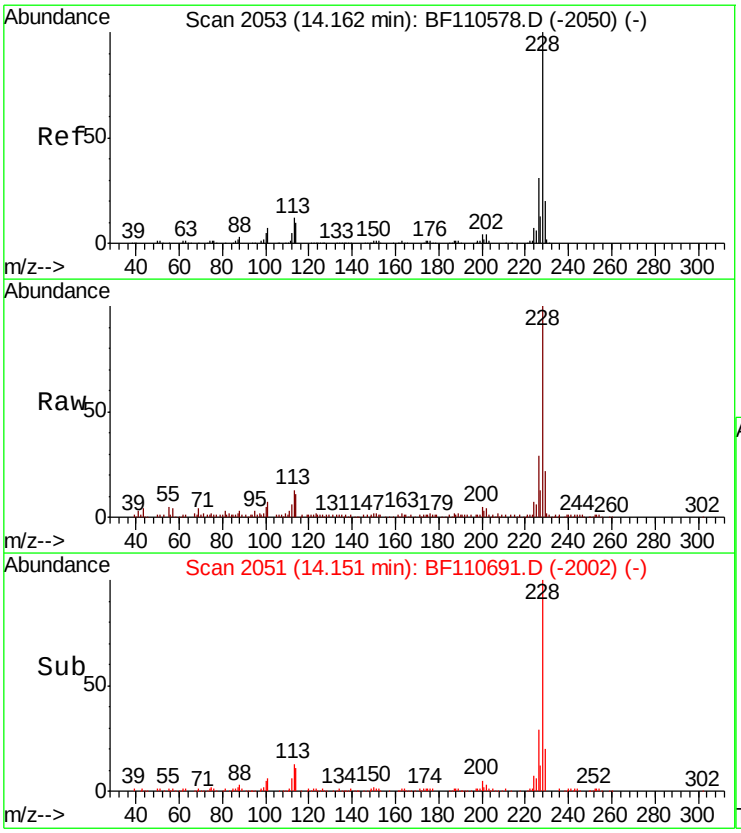
#81
Benzo(a)anthracene
Concen: 10.225 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tgt Ion:228 Resp: 113341

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	21.1	15.6	23.4

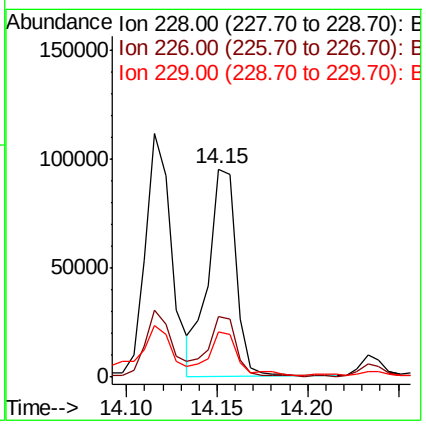


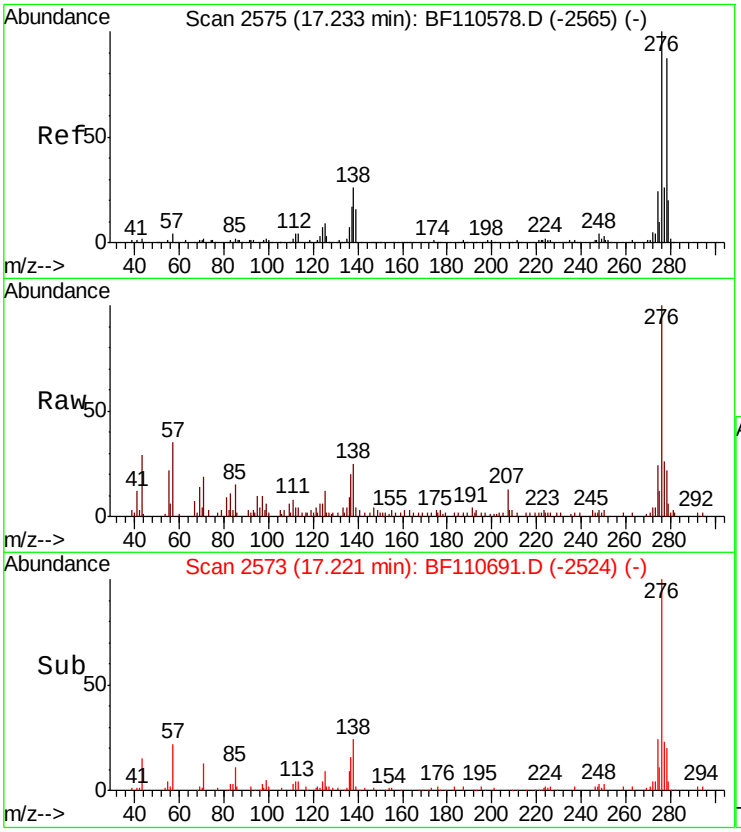


#83
Chrysene
Concen: 9.672 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion:228 Resp: 102134

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.7	37.1
229	21.6	15.9	23.9



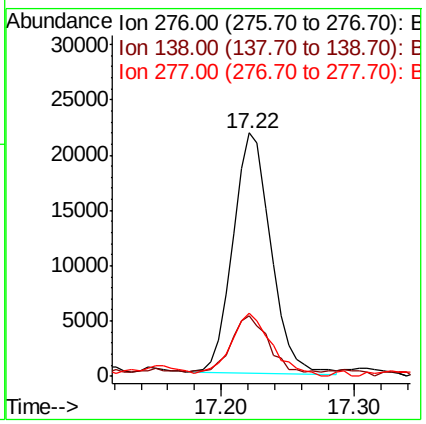


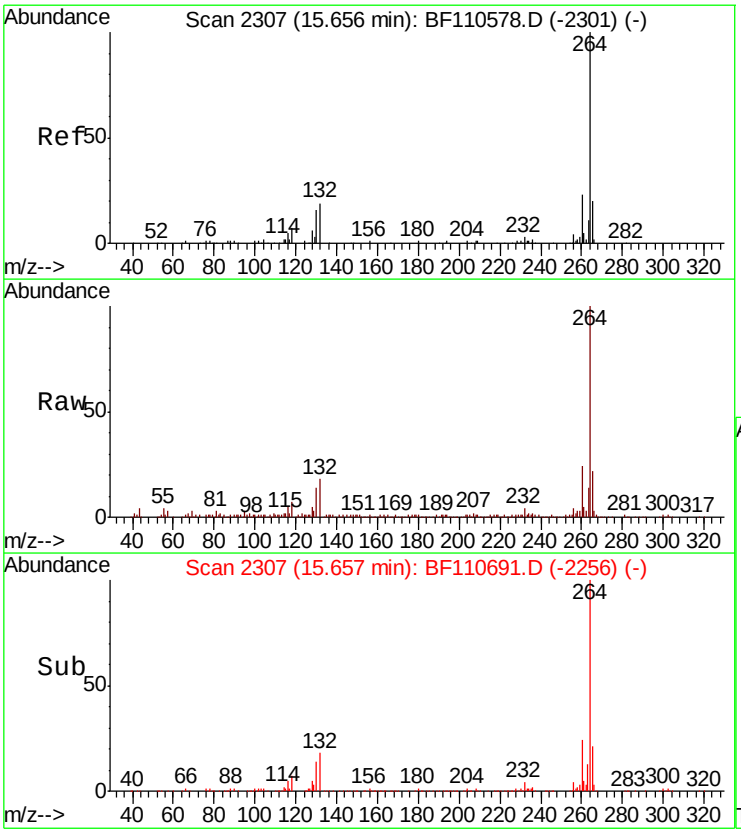
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.665 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tgt Ion:276 Resp: 42925

Ion	Ratio	Lower	Upper
276	100		
138	22.0	18.5	27.7
277	28.4	20.0	30.0

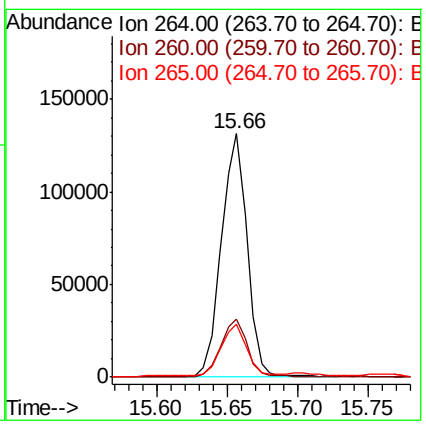


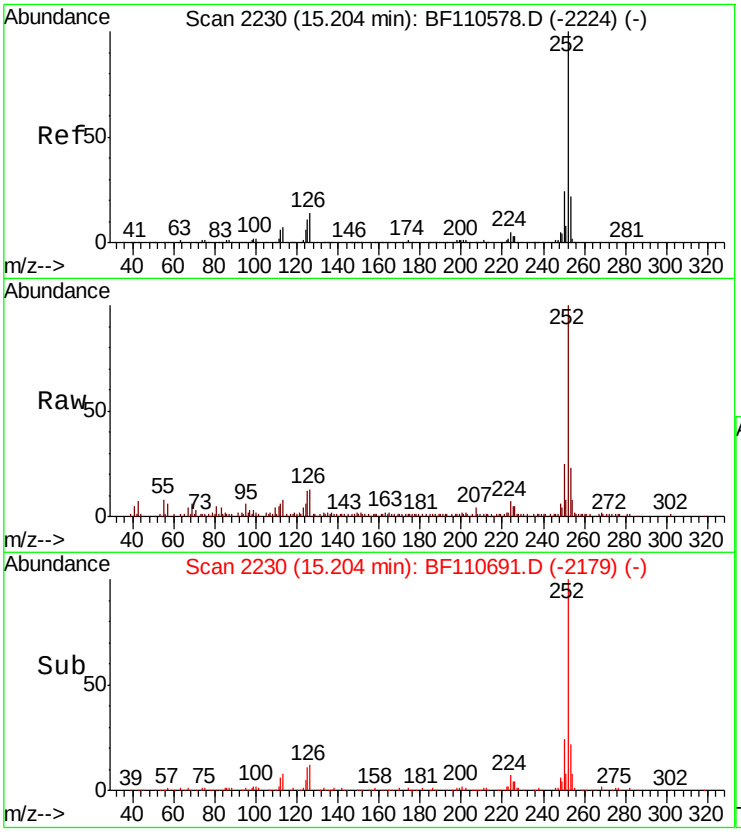


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion:264 Resp: 167057

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.6	16.7	25.1



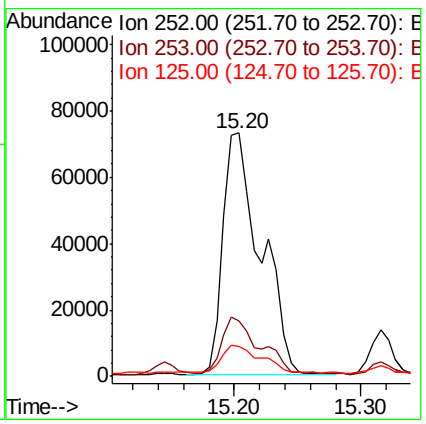


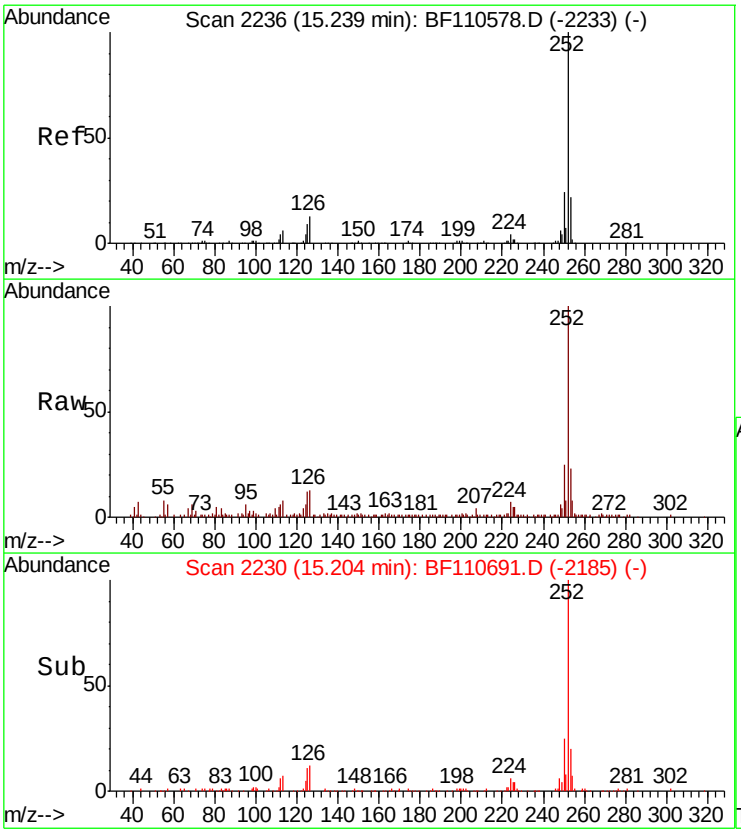
#88
Benzo(b)fluoranthene
Concen: 15.206 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tgt Ion:252 Resp: 151971

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	12.0	8.2	12.4

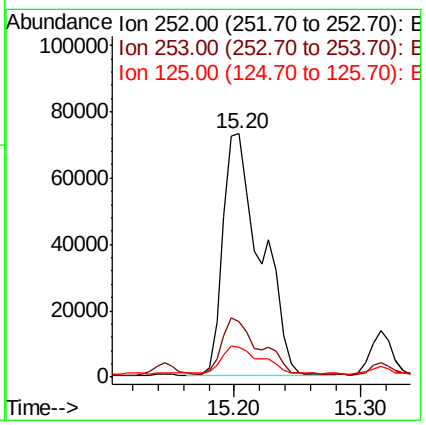


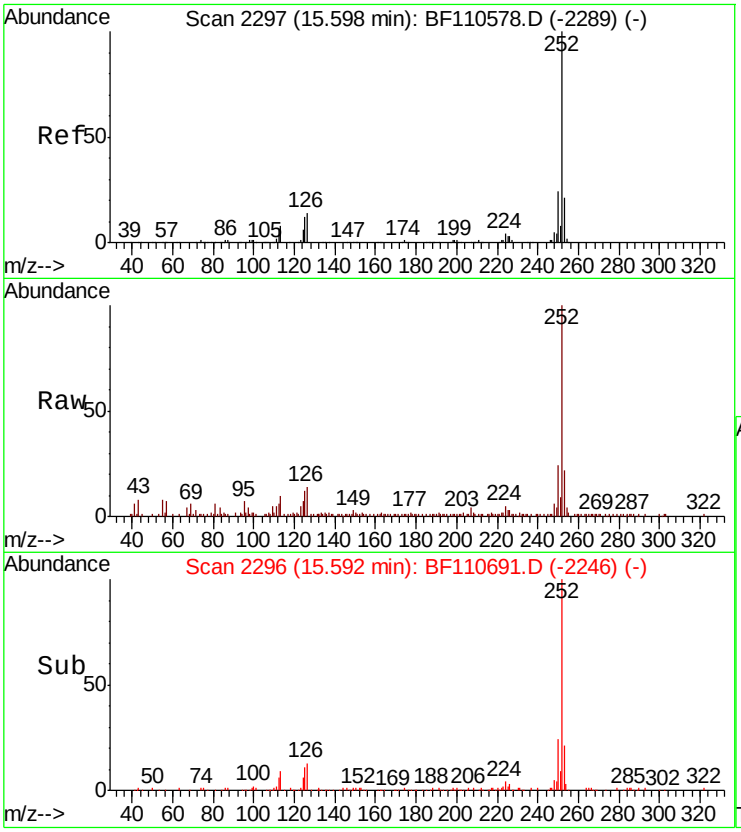


#89
Benzo(k)fluoranthene
Concen: 15.389 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion:252 Resp: 151971

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	12.0	7.4	11.0#



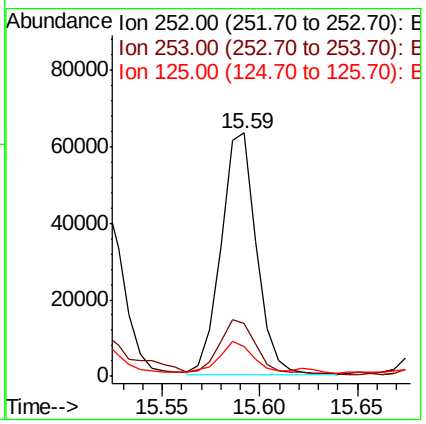


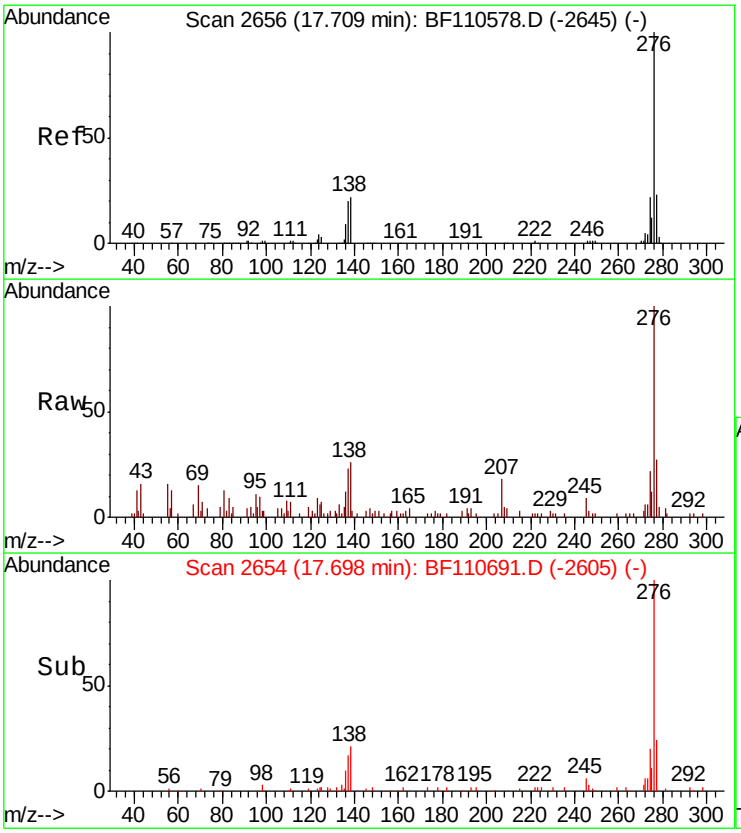
#90
Benzo(a)pyrene
Concen: 8.759 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tgt Ion:252 Resp: 79530

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	12.5	9.0	13.6





#92
Benzo(g,h,i)perylene
Concen: 5.341 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.01 min
Lab File: BF110691.D
Acq: 12 Nov 2018 22:54

Tgt Ion:276 Resp: 40723

Ion	Ratio	Lower	Upper
276	100		
277	27.3	18.8	28.2
138	25.6	16.0	24.0#