Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
Data File : BF110902.D
Acq On : 20 Nov 2018 18:50
Operator : JU/SJ
Sample : J5763-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-111918-B

Quant Time: Nov 21 04:21:44 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	64615	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	264382	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	108021	20.00	ng		-0.01
64) Phenanthrene-d10	11.48	188	165817	20.00	ng		0.00
76) Chrysene-d12	14.13	240	136110	20.00	ng		0.00
87) Perylene-d12	15.67	264	91515	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	234180	58.87	ng		0.00
7) Phenol-d6	6.56	99	296889	58.36	ng		-0.01
23) Nitrobenzene-d5	7.50	82	185060	40.31	ng		-0.01
42) 2,4,6-Tribromophenol	10.78	330	50715	46.59	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	303008	40.06	ng		-0.01
79) Terphenyl-d14	13.06	244	221924	30.53	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	421	Below Cal		#	1
10) Phenol	6.58	94	14495	2.457	ng		85
25) Isophorone	7.50	82	181172	24.078	ng	#	67
50) Dimethylphthalate	9.69	163	28479	3.533	ng		99
71) Phenanthrene	11.50	178	35676	4.016	ng		98
72) Anthracene	11.50	178	35676	3.981	ng		98
75) Fluoranthene	12.70	202	43518	4.886	ng		98
78) Pyrene	12.94	202	38846	3.707	ng		98
81) Benzo(a)anthracene	14.12	228	17693	2.175	ng	#	91
88) Benzo(b)fluoranthene	15.22	252	17426	3.183	ng	#	65
89) Benzo(k)fluoranthene	15.22	252	17426	3.221	ng	#	64

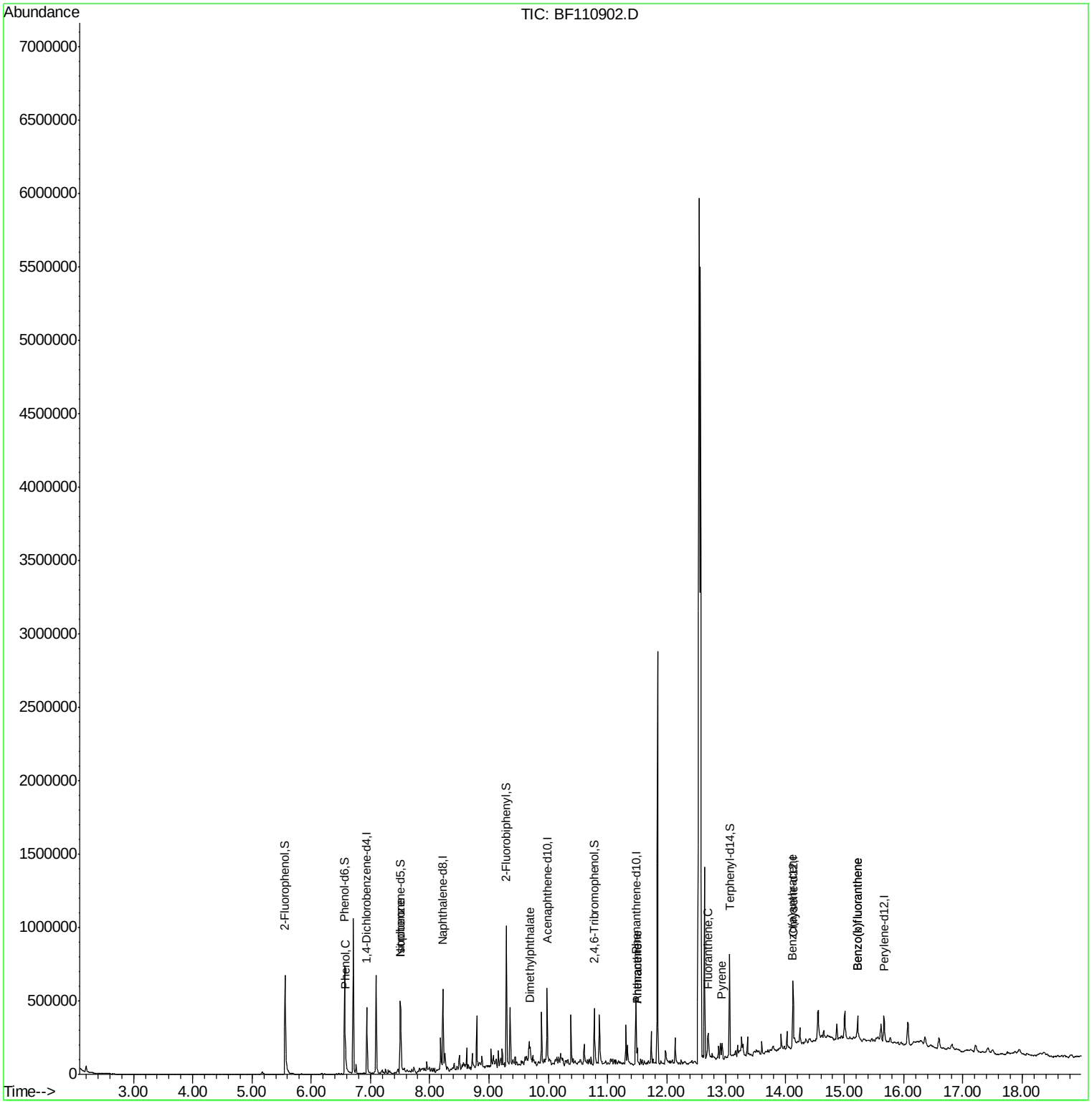
(#) = qualifier out of range (m) = manual integration (+) = signals summed

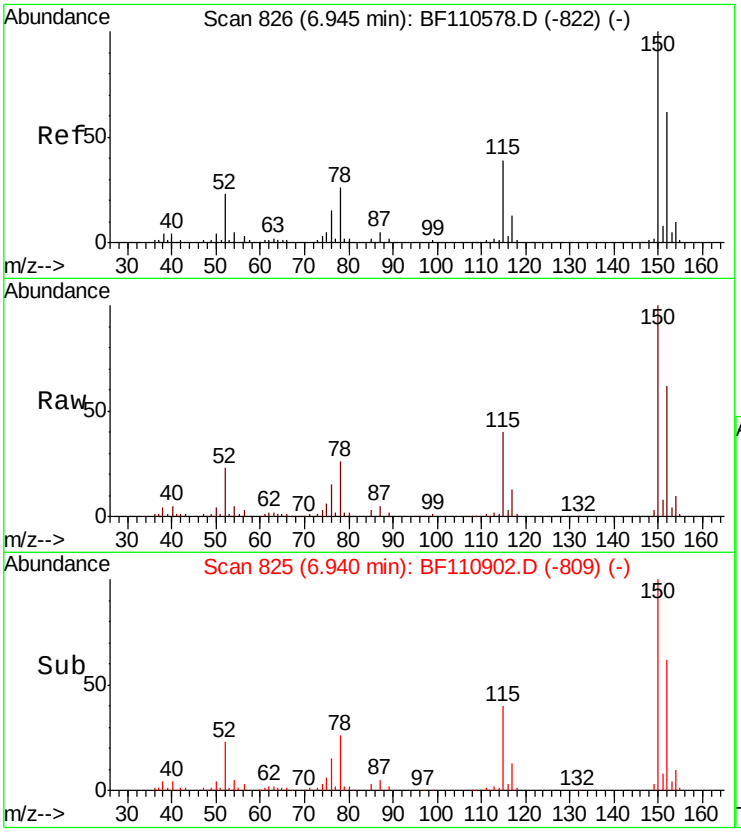
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
Data File : BF110902.D
Acq On : 20 Nov 2018 18:50
Operator : JU/SJ
Sample : J5763-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-111918-B

Quant Time: Nov 21 04:21:44 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



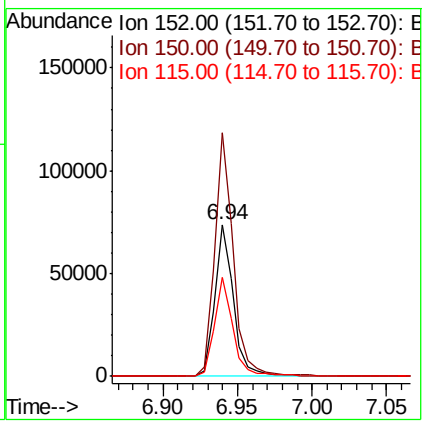


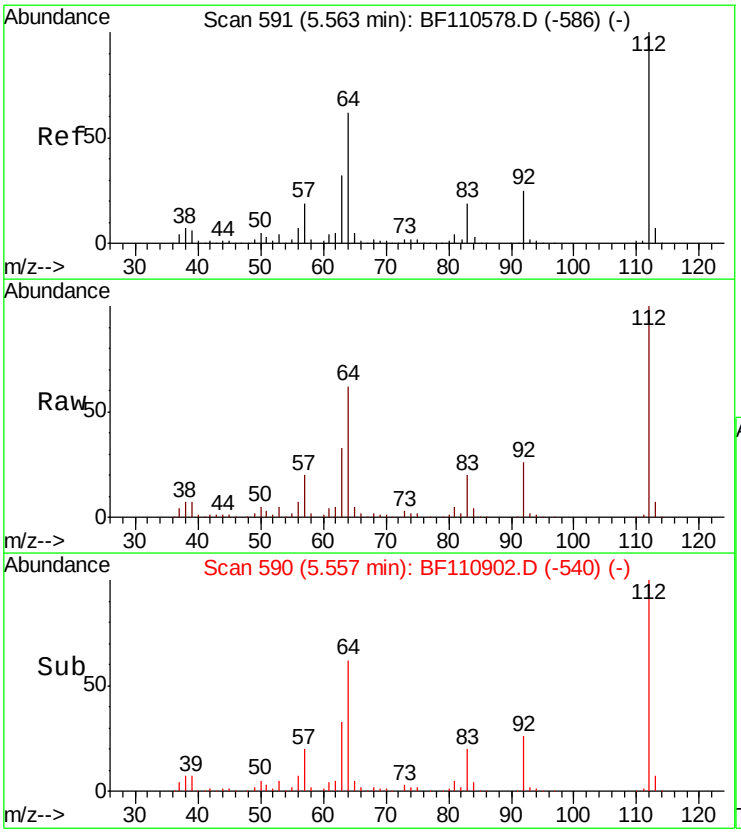
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Instrument :
BNA_F
ClientSampleId :
HR-06-111918-B

Tgt Ion:152 Resp: 64615

Ion	Ratio	Lower	Upper
152	100		
150	160.3	122.7	184.1
115	64.8	49.1	73.7

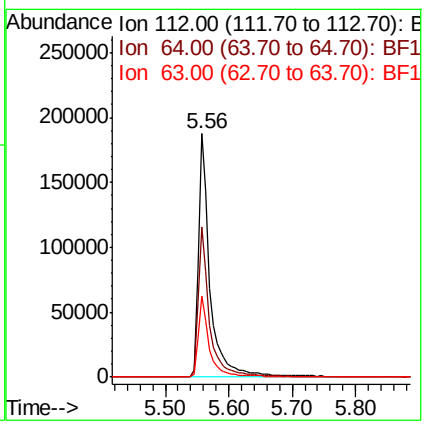


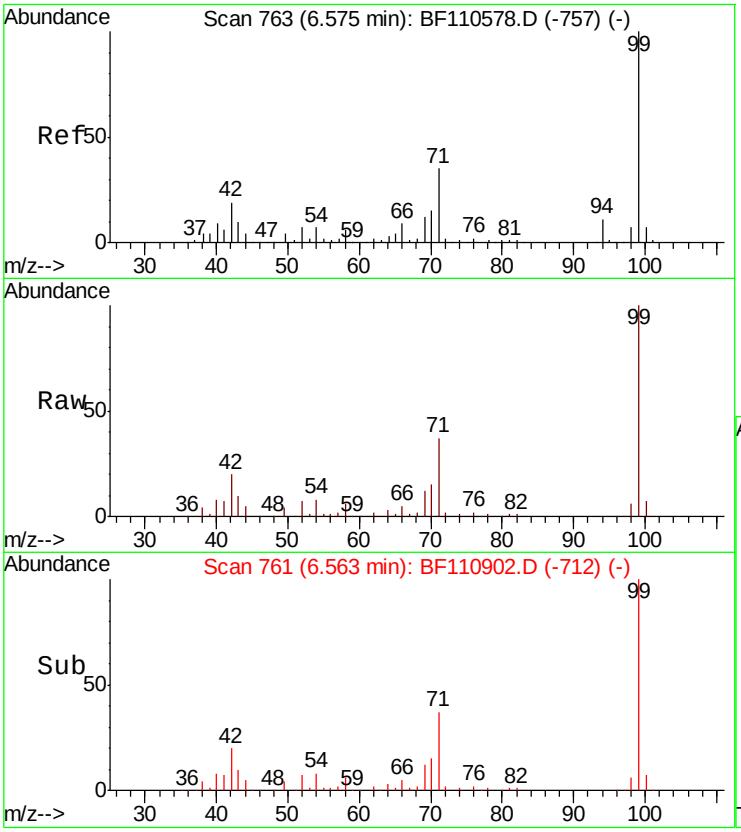


#5
2-Fluorophenol
Concen: 58.869 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Tgt Ion:112 Resp: 234180

Ion	Ratio	Lower	Upper
112	100		
64	61.8	44.1	66.1
63	33.1	23.7	35.5



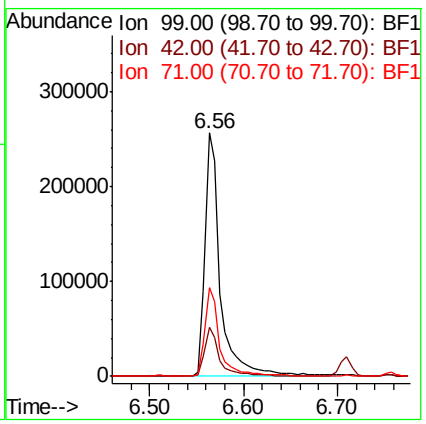


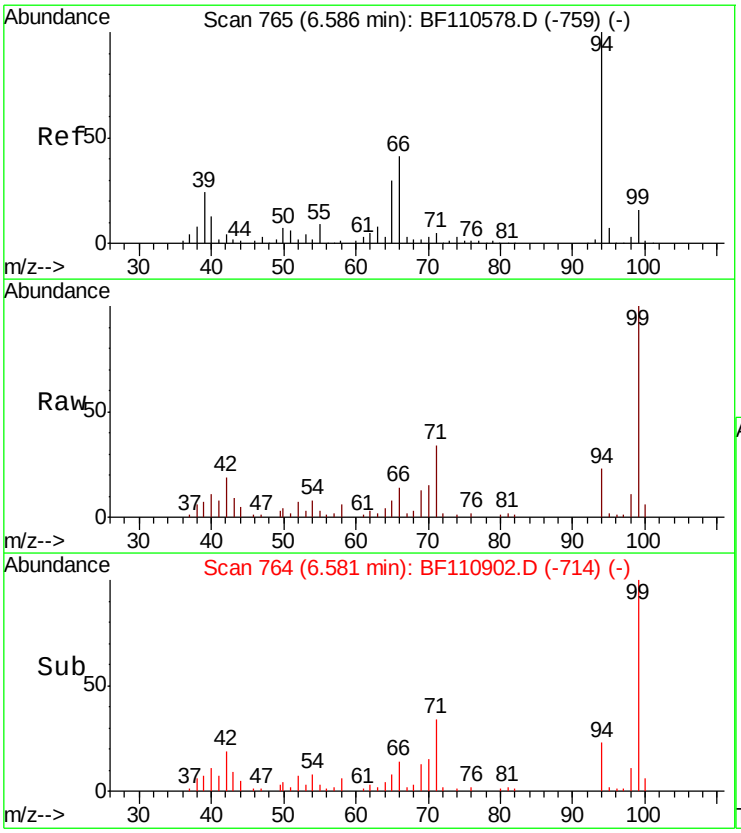
#7
Phenol-d6
Concen: 58.364 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Instrument :
BNA_F
ClientSampleId :
HR-06-111918-B

Tgt Ion: 99 Resp: 296889

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.8	23.6
71	36.6	28.0	42.0

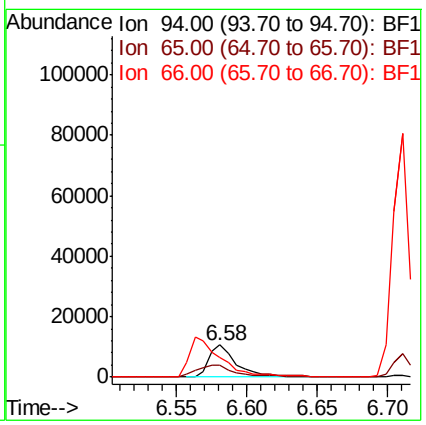


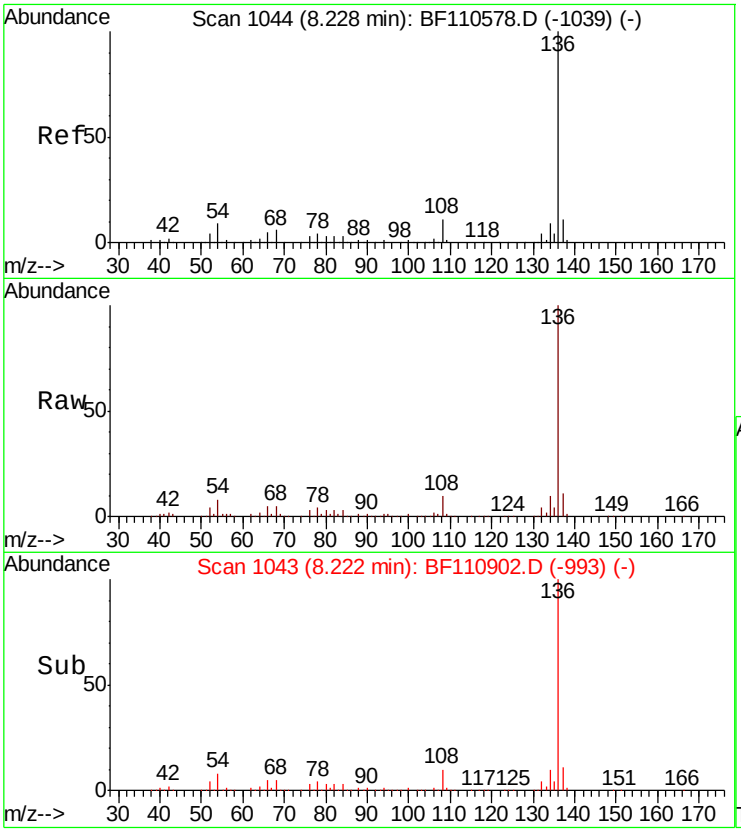


#10
Phenol
Concen: 2.457 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Tgt Ion: 94 Resp: 14495

Ion	Ratio	Lower	Upper
94	100		
65	36.0	25.3	65.3
66	61.2	54.5	94.5



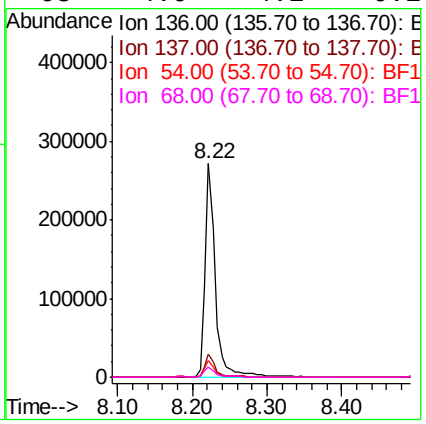


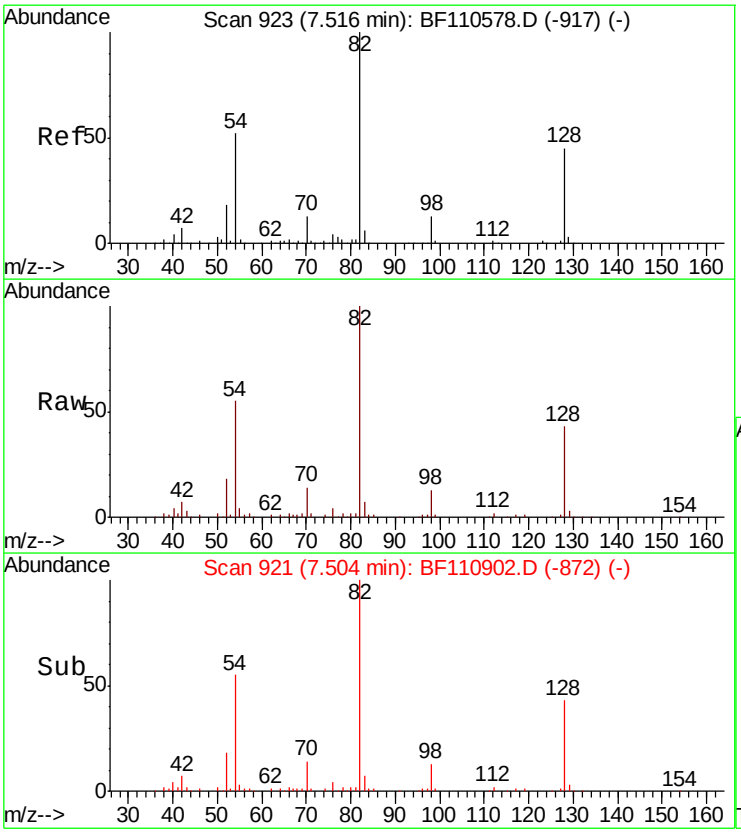
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Instrument :
BNA_F
ClientSampleId :
HR-06-111918-B

Tgt Ion:136 Resp: 264382

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.9	5.4	8.2
68	4.9	4.2	6.2

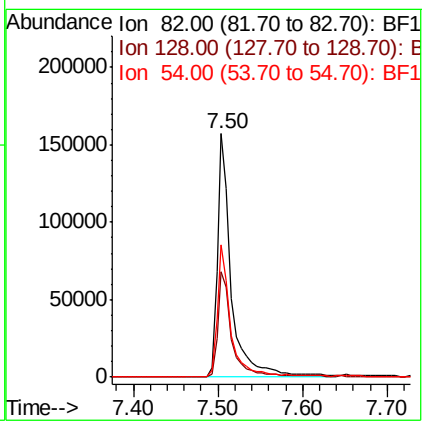


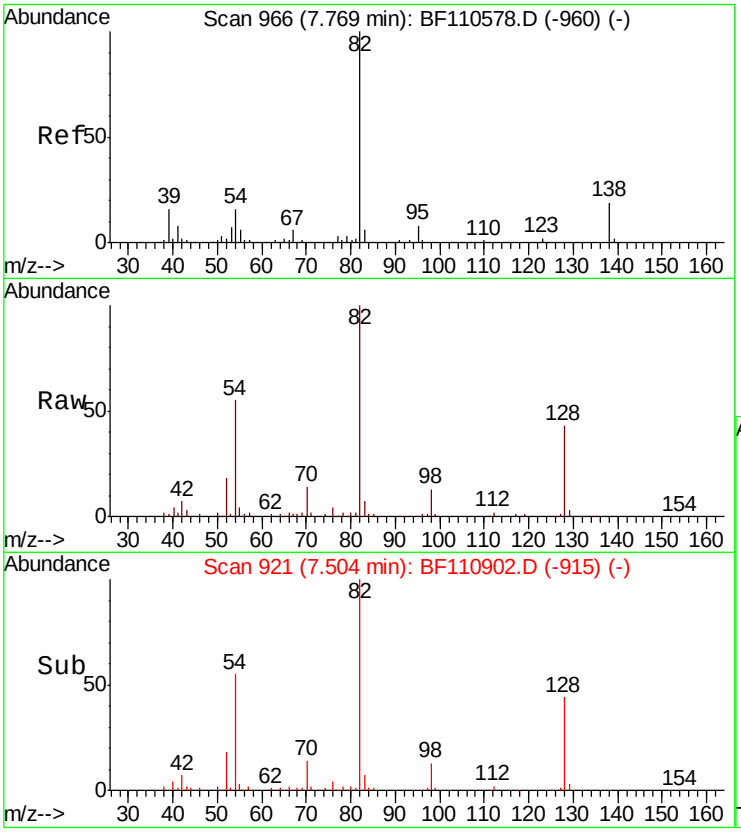


#23
Nitrobenzene-d5
Concen: 40.311 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Tgt Ion: 82 Resp: 185060

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.2	51.2
54	54.6	38.6	58.0



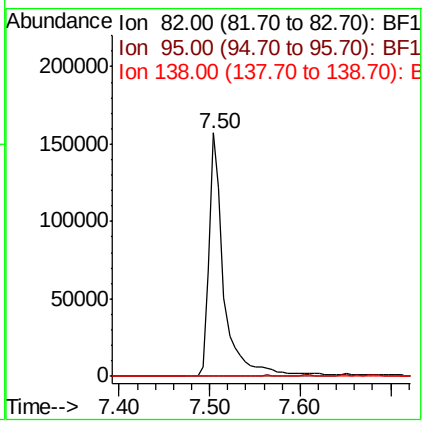


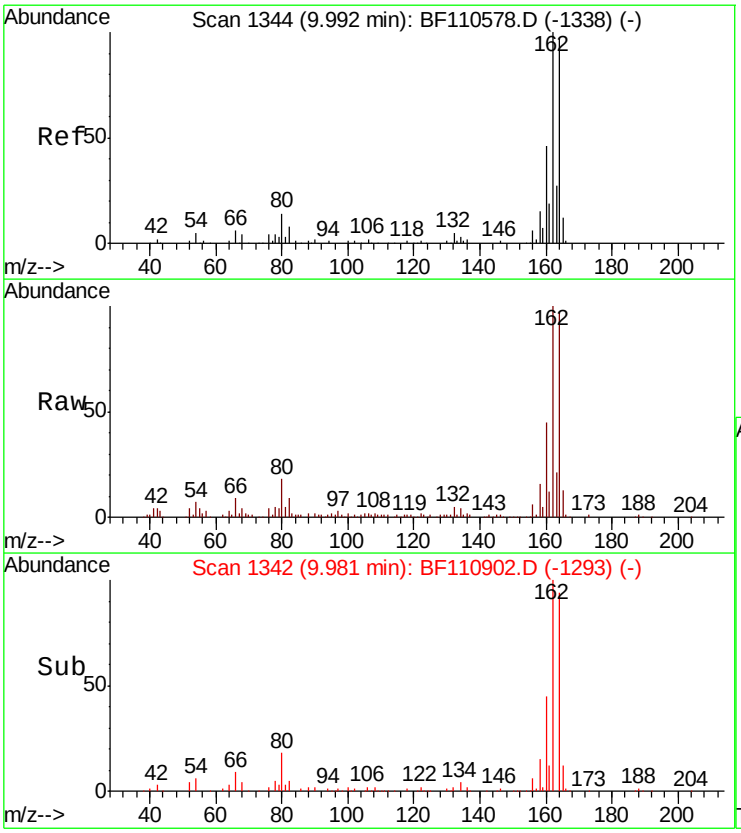
#25
Isophorone
Concen: 24.078 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Instrument :
BNA_F
ClientSampleId :
HR-06-111918-B

Tgt Ion: 82 Resp: 181172

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.7	8.5#
138	0.0	13.2	19.8#

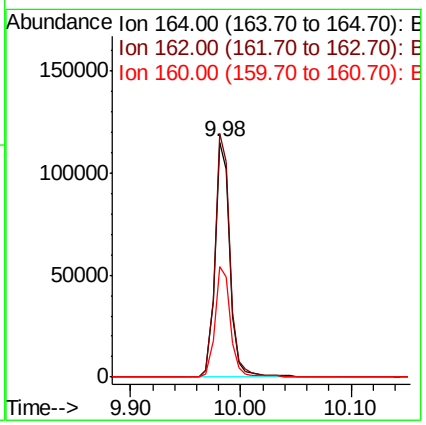


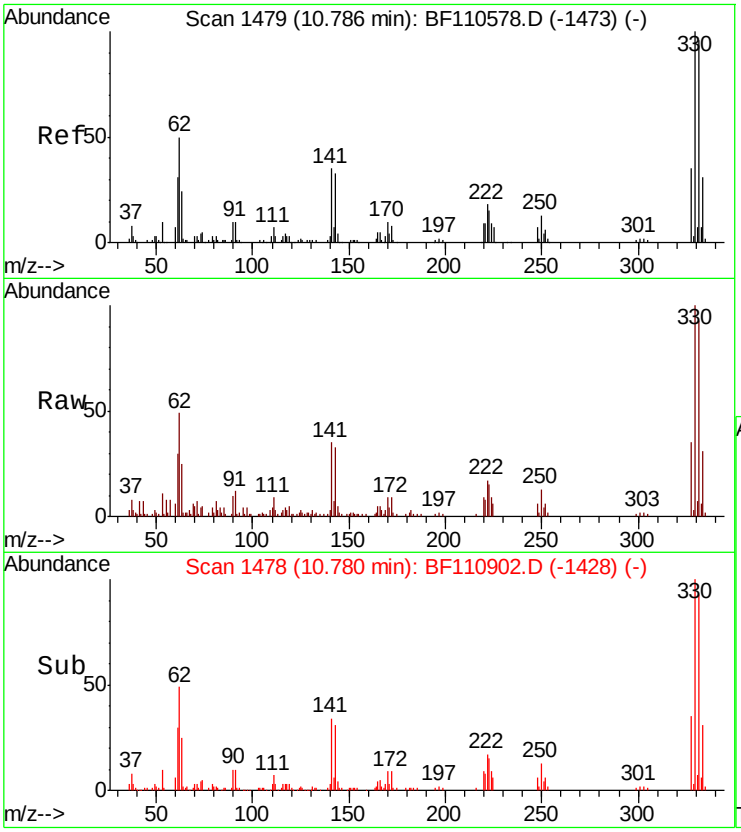


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Tgt Ion:164 Resp: 108021

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.0	124.6
160	46.9	37.0	55.6



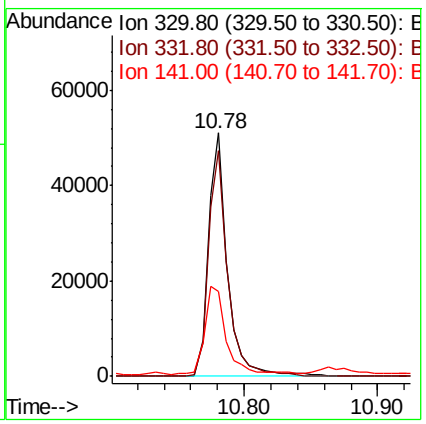


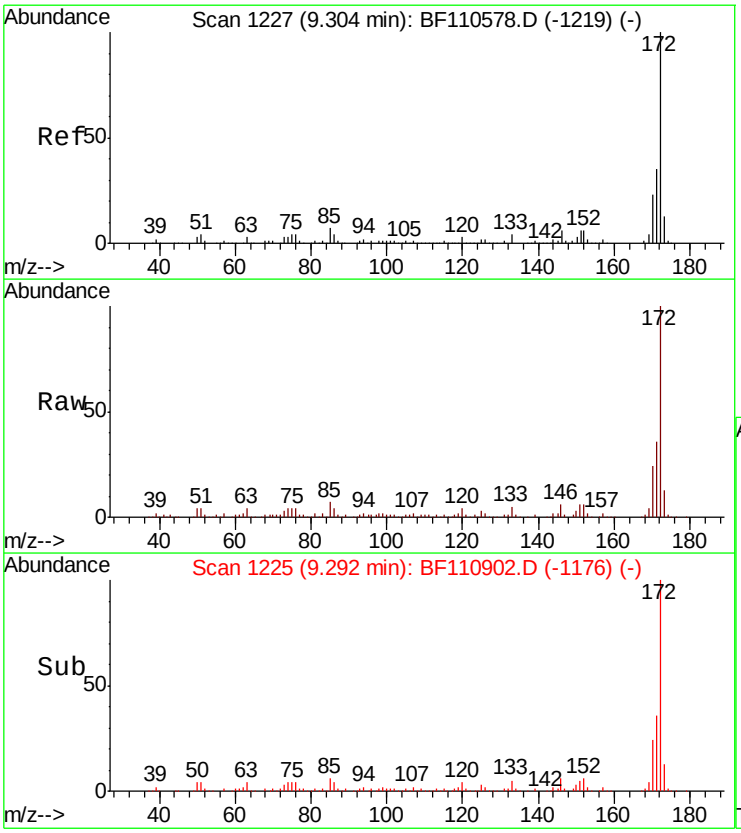
#42
2,4,6-Tribromophenol
Concen: 46.594 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Instrument :
BNA_F
ClientSampleId :
HR-06-111918-B

Tgt Ion:330 Resp: 50715

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.1	115.7
141	39.4	27.0	40.4

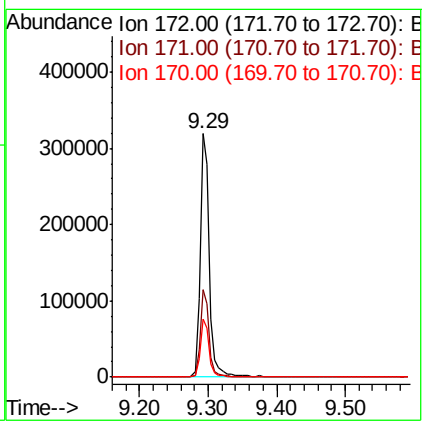


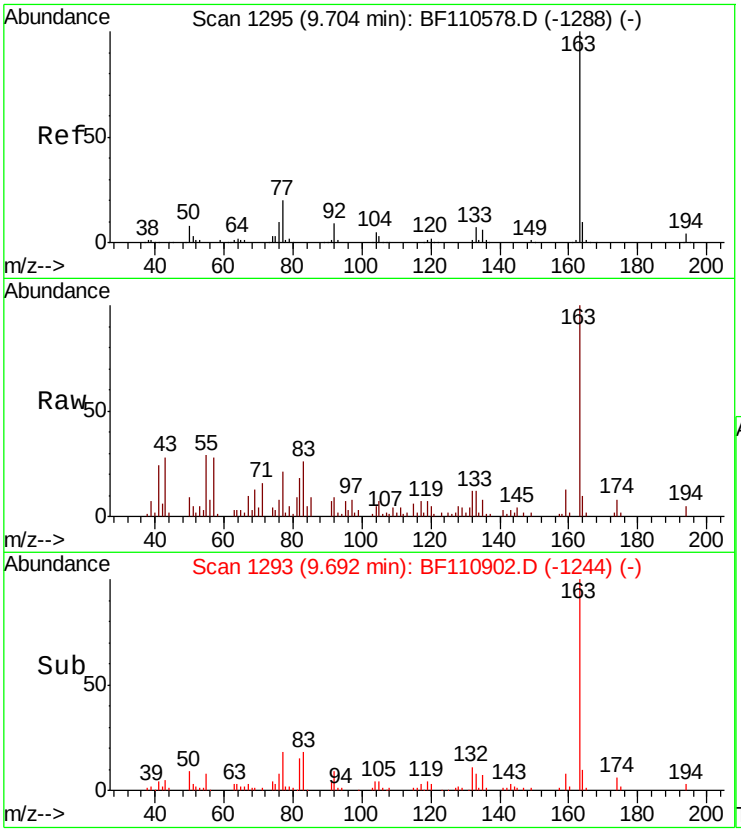


#45
2-Fluorobiphenyl
Concen: 40.062 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Tgt Ion:172 Resp: 303008

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.6	19.7	29.5



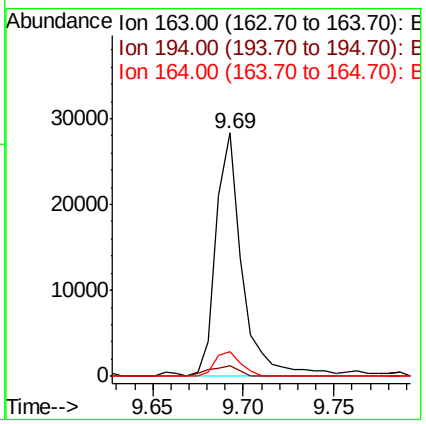


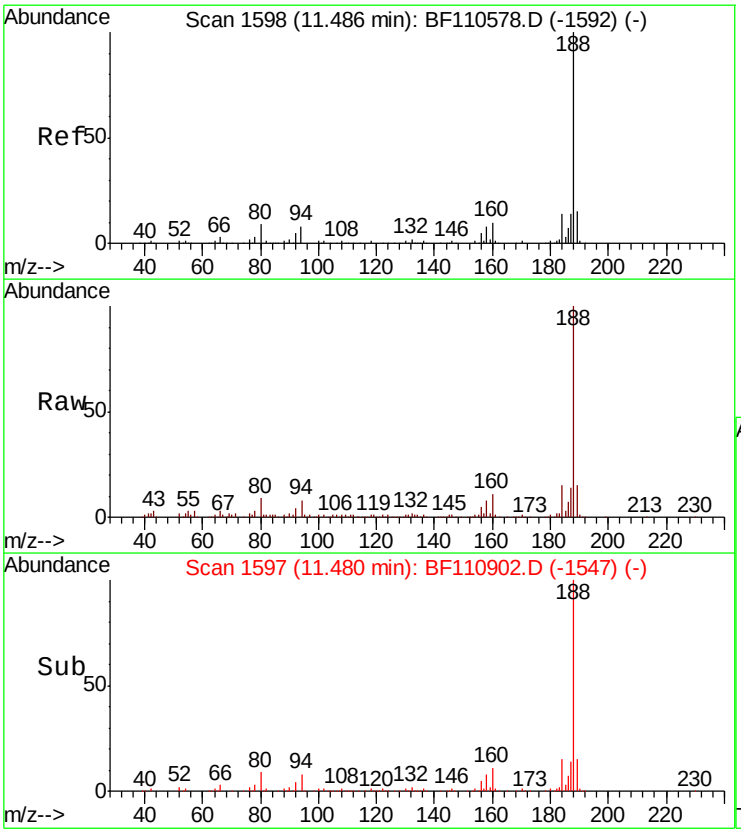
#50
Dimethylphthalate
Concen: 3.533 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Instrument :
BNA_F
ClientSampleId :
HR-06-111918-B

Tgt Ion:163 Resp: 28479

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	10.1	8.1	12.1

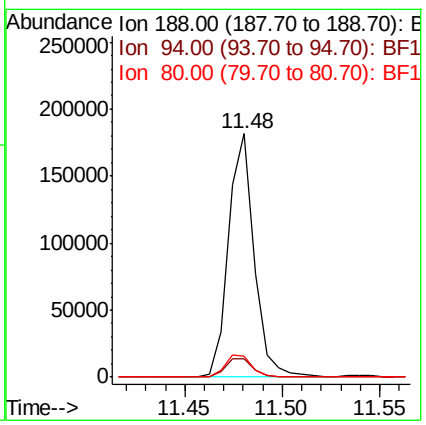


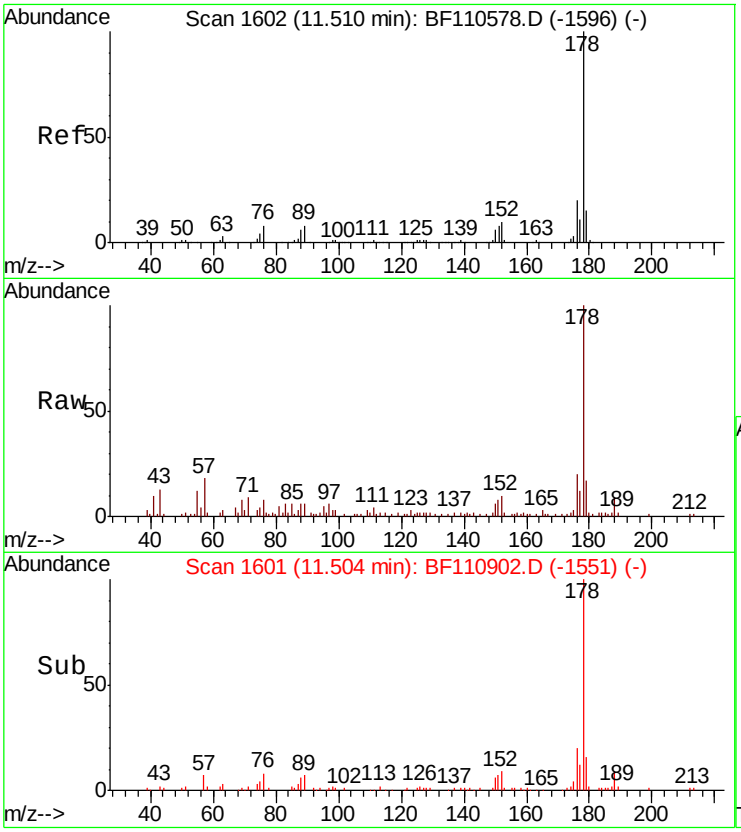


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Tgt Ion:188 Resp: 165817

Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.2	10.8
80	8.7	7.9	11.9



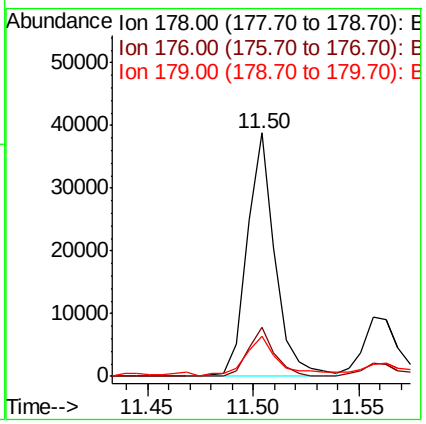


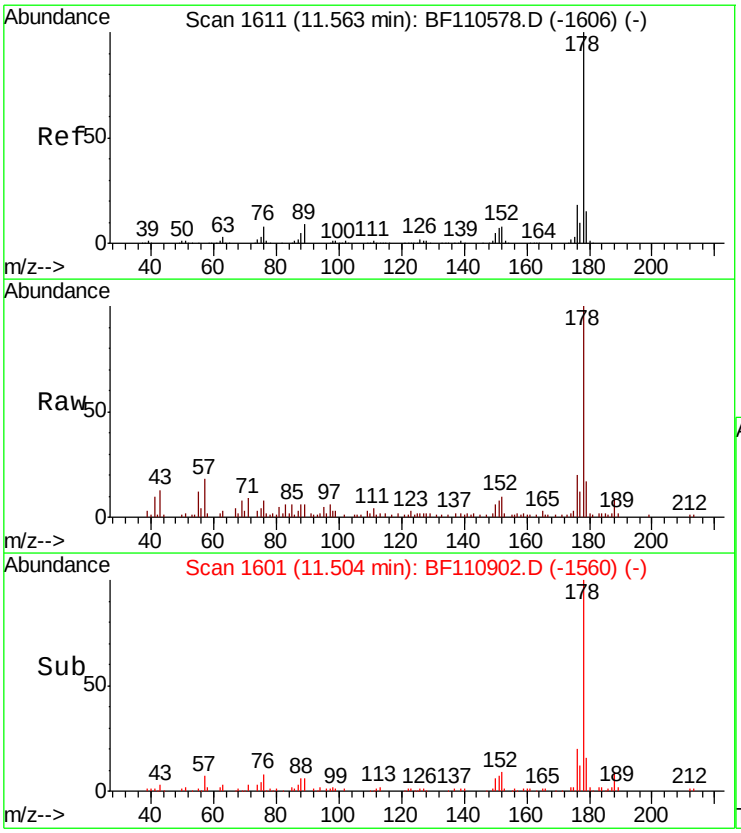
#71
Phenanthrene
Concen: 4.016 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Instrument :
BNA_F
ClientSampleId :
HR-06-111918-B

Tgt Ion:178 Resp: 35676

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	16.6	12.5	18.7

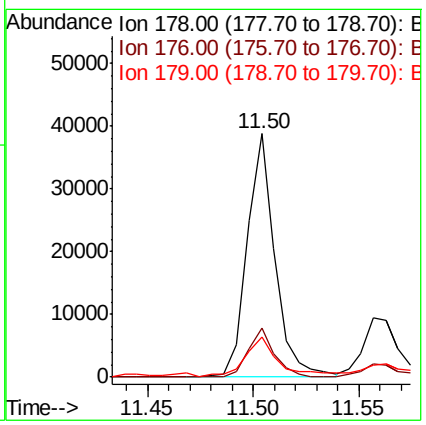


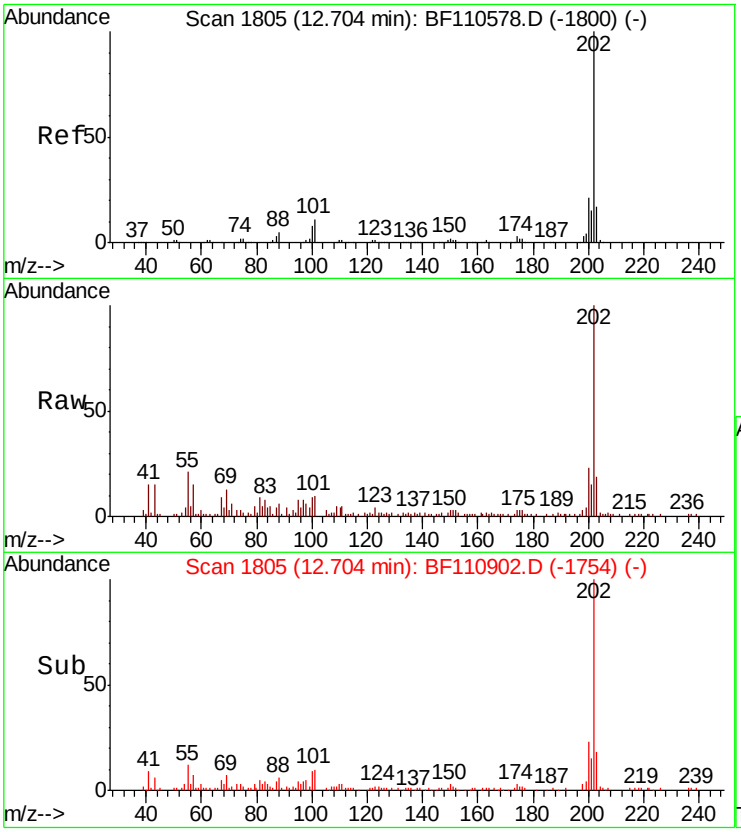


#72
Anthracene
Concen: 3.981 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.06 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Tgt Ion:178 Resp: 35676

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	16.6	12.6	18.8



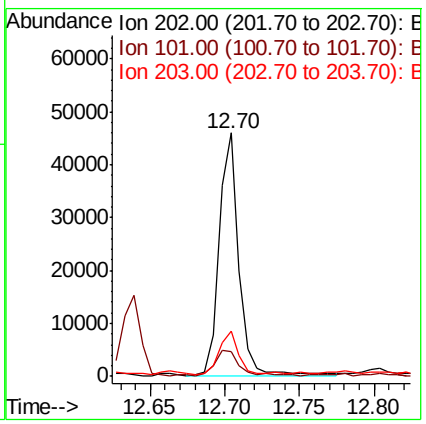


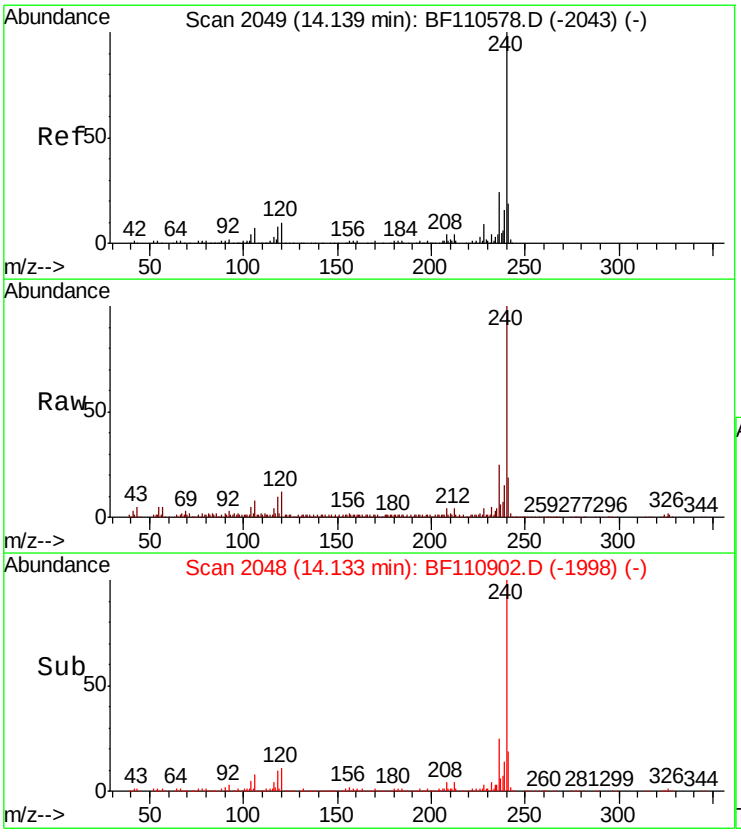
#75
Fluoranthene
Concen: 4.886 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Instrument :
BNA_F
ClientSampleId :
HR-06-111918-B

Tgt Ion:202 Resp: 43518

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.4
203	18.7	0.0	37.7

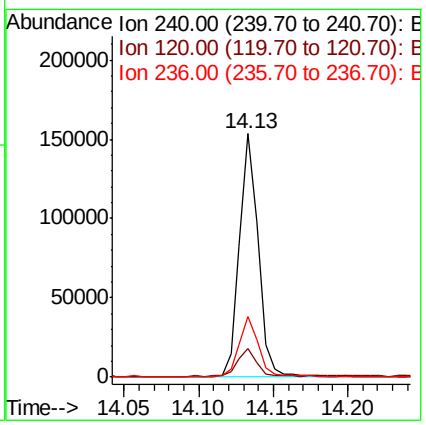


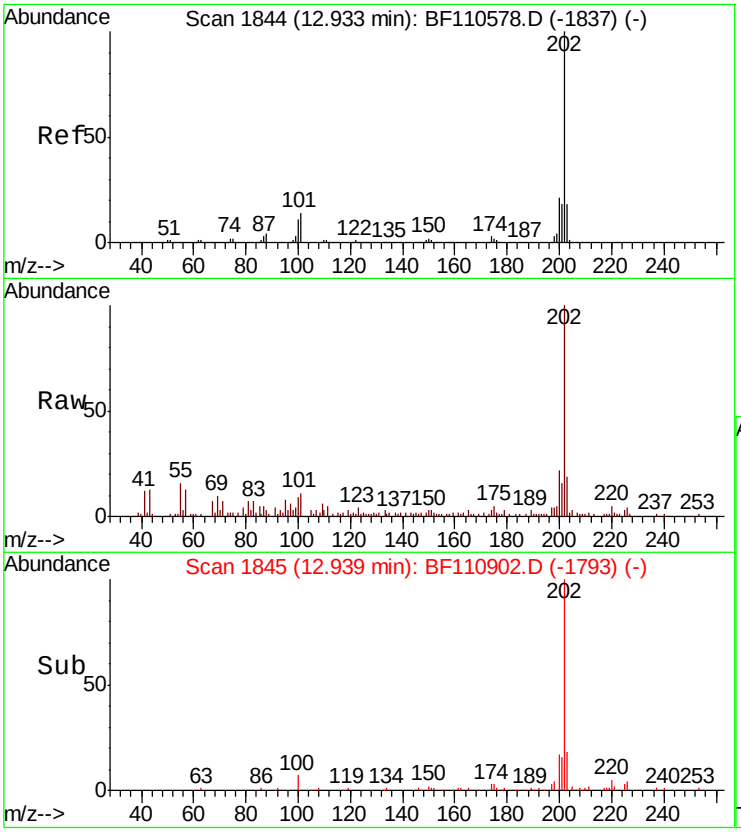


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Tgt Ion:240 Resp: 136110

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	24.9	21.2	31.8



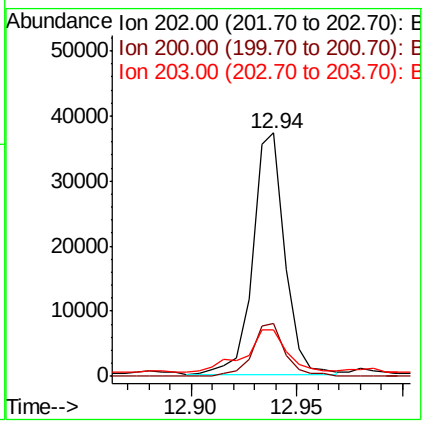


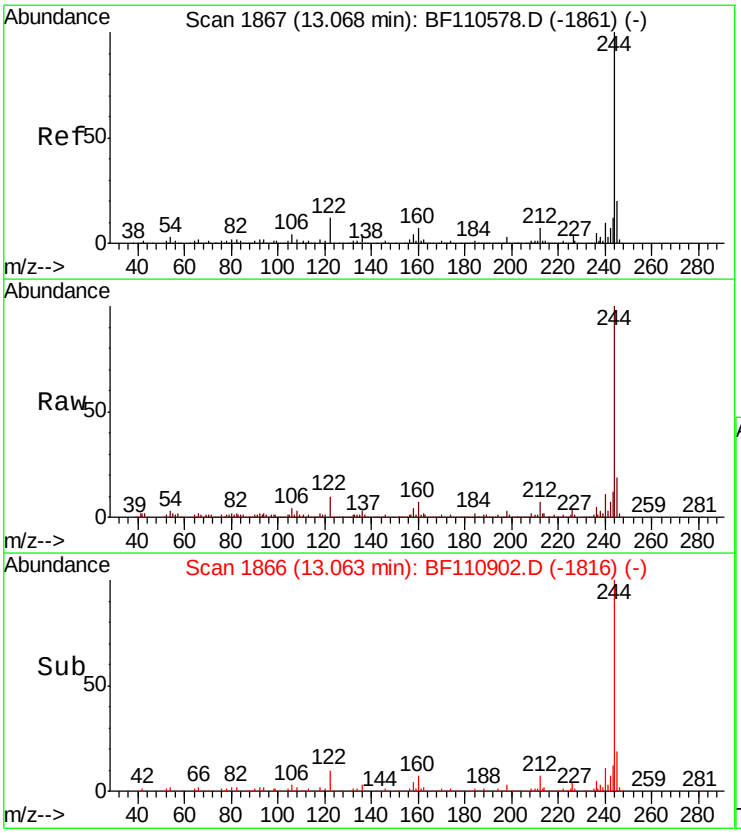
#78
Pyrene
Concen: 3.707 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Instrument :
BNA_F
ClientSampleId :
HR-06-111918-B

Tgt Ion:202 Resp: 38846

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.8	26.6
203	19.0	14.2	21.4

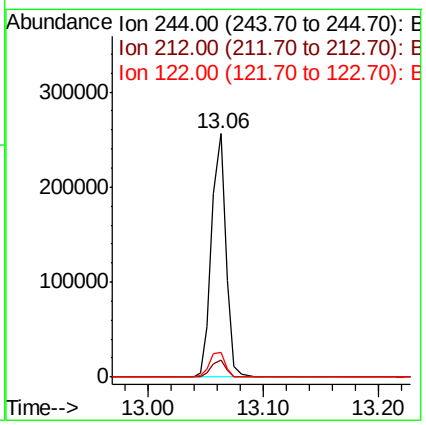


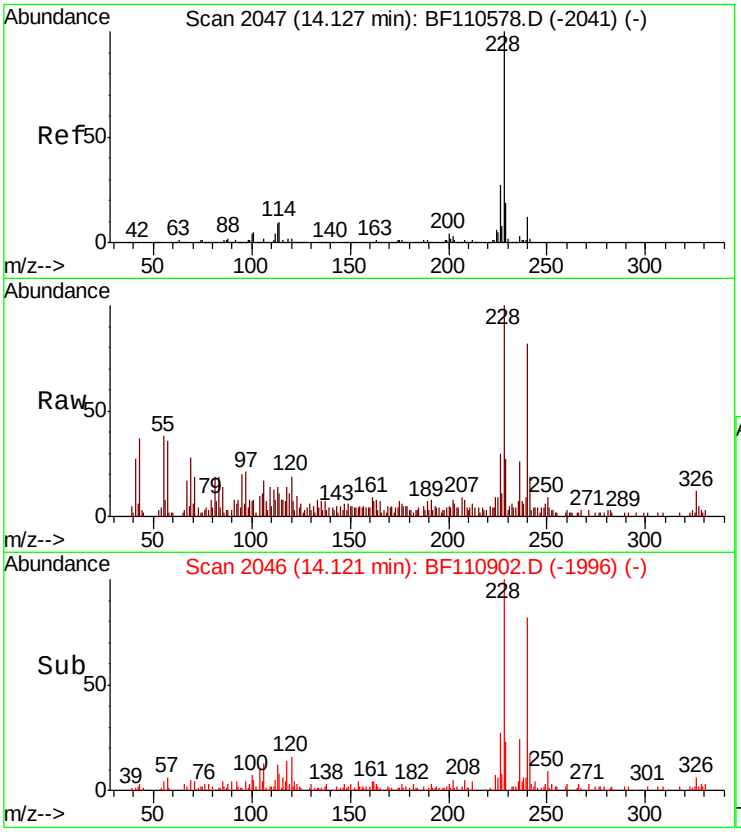


#79
Terphenyl-d14
Concen: 30.535 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Tgt Ion:244 Resp: 221924

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.3	8.7	13.1



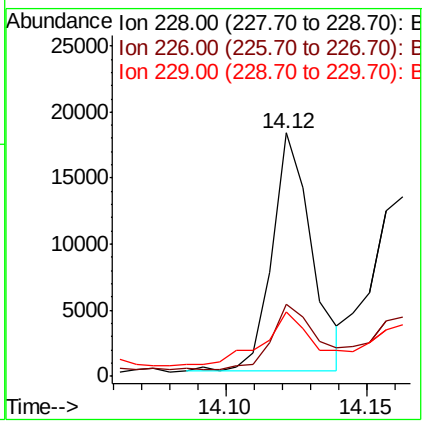


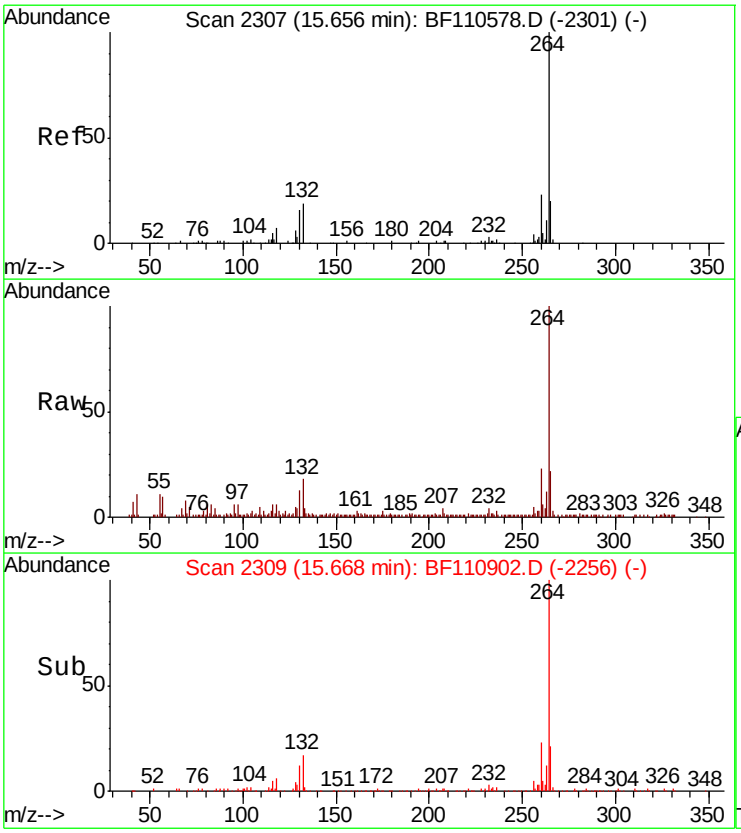
#81
Benzo(a)anthracene
Concen: 2.175 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Instrument :
BNA_F
ClientSampleId :
HR-06-111918-B

Tgt Ion:228 Resp: 17693

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.1	33.1
229	26.6	15.6	23.4#

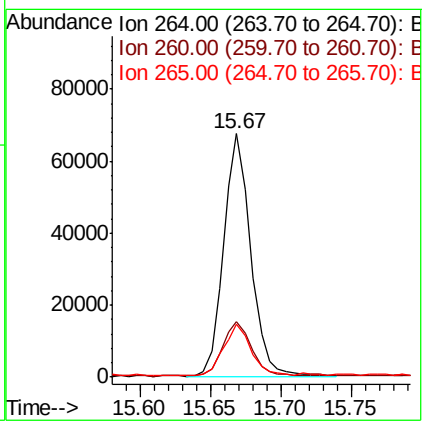


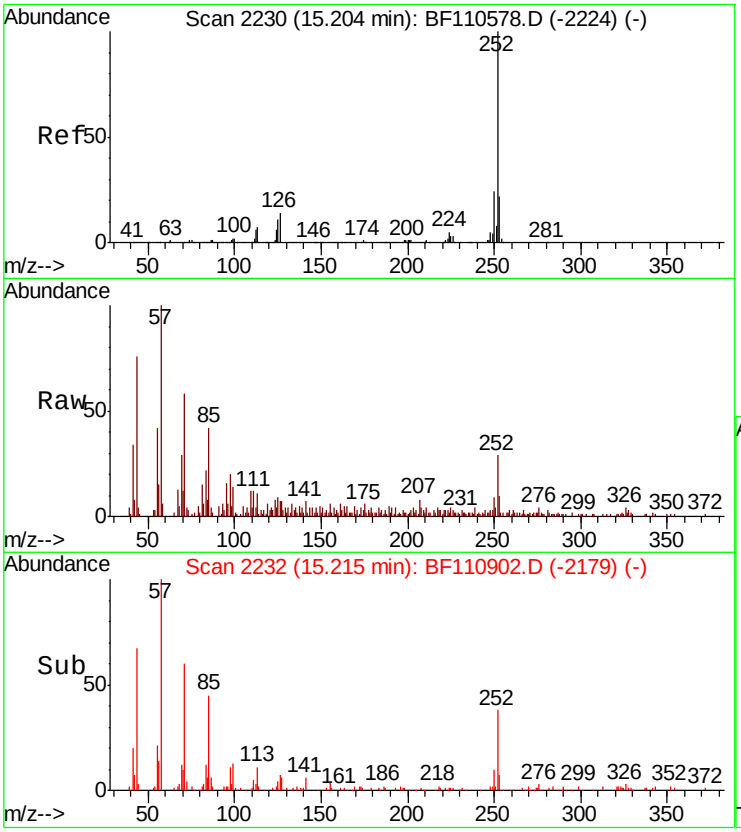


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Tgt Ion:264 Resp: 91515

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.9	16.7	25.1



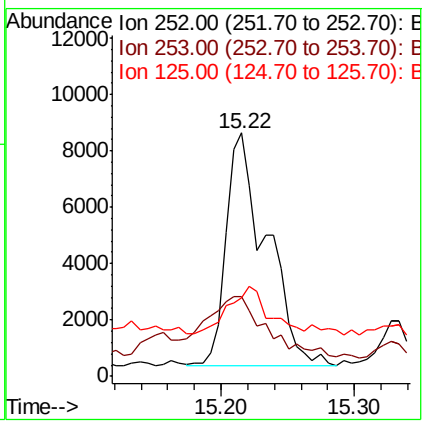


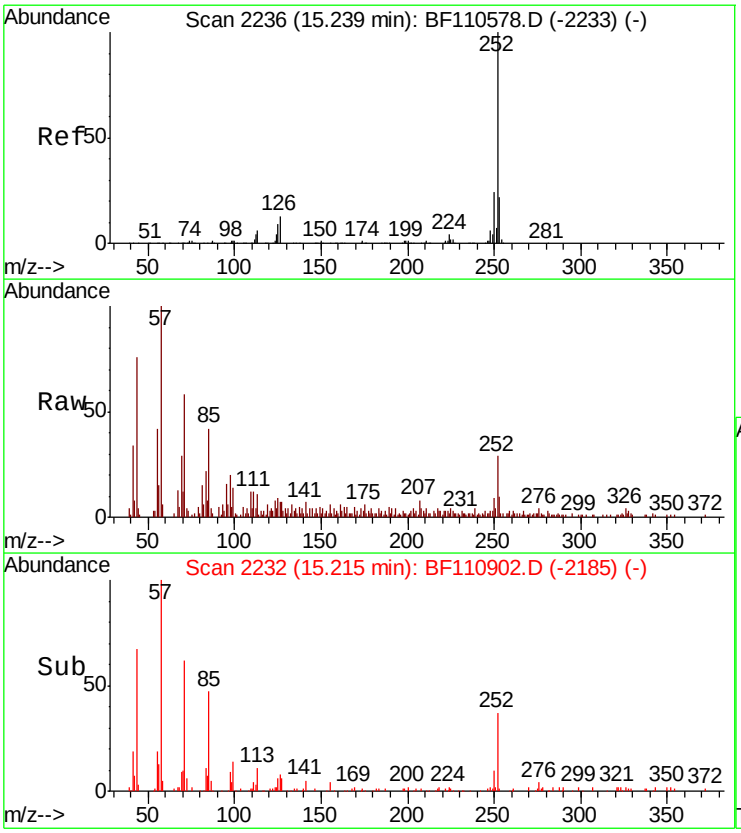
#88
Benzo(b)fluoranthene
Concen: 3.183 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Instrument :
BNA_F
ClientSampleId :
HR-06-111918-B

Tgt Ion:252 Resp: 17426

Ion	Ratio	Lower	Upper
252	100		
253	33.0	17.2	25.8#
125	32.2	8.2	12.4#





#89
Benzo(k)fluoranthene
Concen: 3.221 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110902.D
Acq: 20 Nov 2018 18:50

Tgt Ion:252 Resp: 17426

Ion	Ratio	Lower	Upper
252	100		
253	33.0	17.2	25.8#
125	32.2	7.4	11.0#