Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112123.D
Acq On : 18 Jan 2019 13:19
Operator : JU/SJ
Sample : K1157-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-06-011519

Quant Time: Jan 18 14:18:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	266282	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	951720	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	417343	20.00	ng		-0.01
64) Phenanthrene-d10	11.38	188	661747	20.00	ng		0.00
76) Chrysene-d12	14.02	240	591155	20.00	ng		-0.01
87) Perylene-d12	15.49	264	640150	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1906612	129.96	ng		0.00
7) Phenol-d6	6.50	99	2347798	127.91	ng		0.00
23) Nitrobenzene-d5	7.42	82	1494385	108.48	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	577862	128.35	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2676715	94.03	ng		0.00
79) Terphenyl-d14	12.96	244	2164269	77.89	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.52	94	47243	2.355	ng		82
19) n-Nitroso-di-n-propylamine	7.42	70	203266	18.178	ng	#	77
25) Isophorone	7.42	82	1494366	56.164	ng	#	64
32) Benzoic acid	7.93	122	416	7.249	ng	#	64
50) Dimethylphthalate	9.60	163	258132	8.481	ng		97
56) 4-Nitrophenol	10.10	139	1640	5.969	ng	#	12
57) 2,4-Dinitrotoluene	9.89	165	53885	10.829	ng	#	31
65) 4,6-Dinitro-2-methylphenol	10.69	198	1036	10.366	ng	#	1
67) 4-Bromophenyl-phenylether	10.69	248	33948	4.417	ng	#	1
71) Phenanthrene	11.40	178	113594	3.411	ng		95
75) Fluoranthene	12.59	202	191629	5.450	ng		100
78) Pyrene	12.82	202	181821	4.662	ng		98
81) Benzo(a)anthracene	14.01	228	100280	2.959	ng		97
83) Chrysene	14.04	228	98954	3.085	ng		97
88) Benzo(b)fluoranthene	15.06	252	182281	5.016	ng		99
89) Benzo(k)fluoranthene	15.06	252	182281	5.183	ng		100
90) Benzo(a)pyrene	15.43	252	95385	2.862	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112123.D
Acq On : 18 Jan 2019 13:19
Operator : JU/SJ
Sample : K1157-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Quant Time: Jan 18 14:18:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
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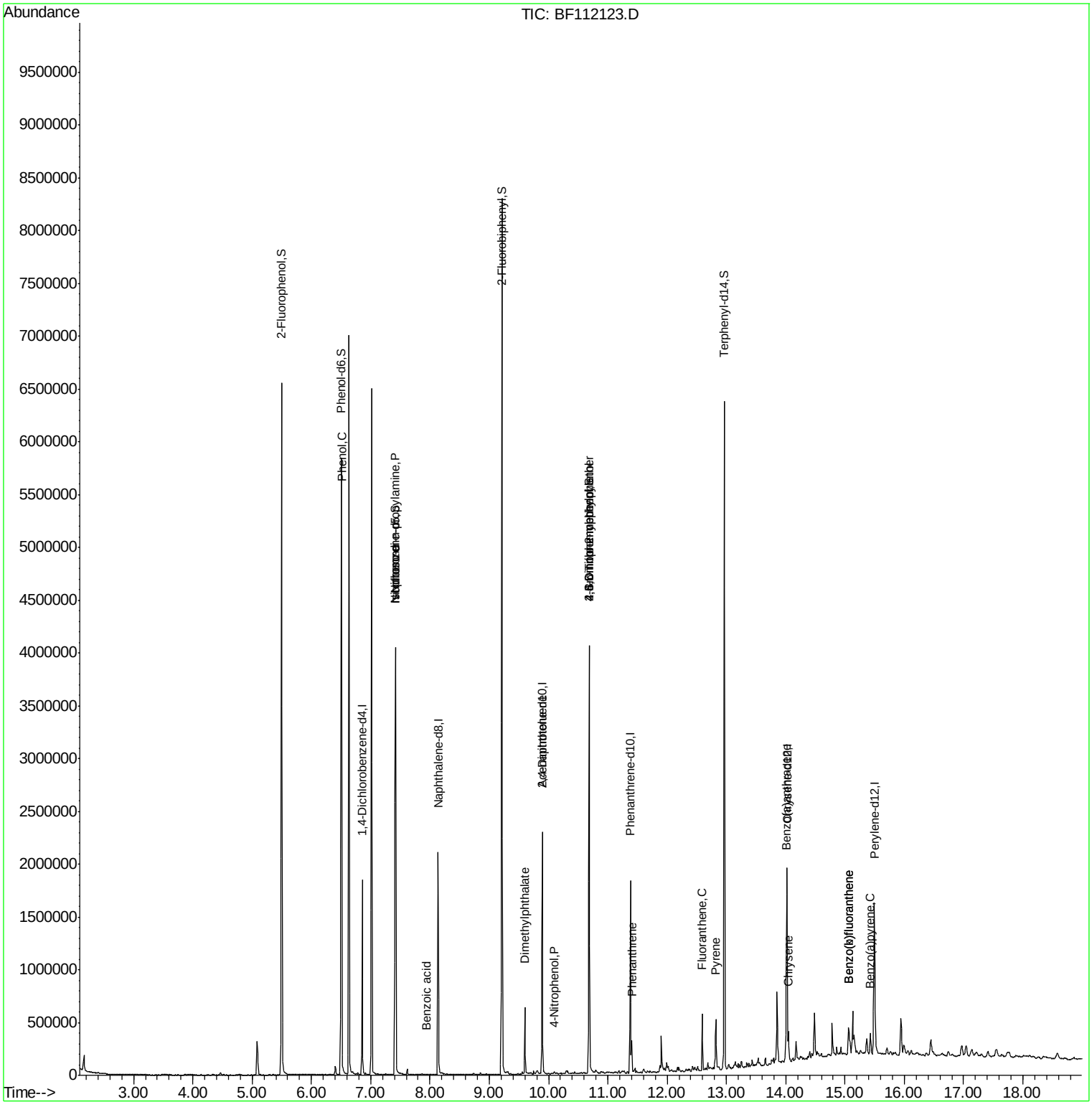
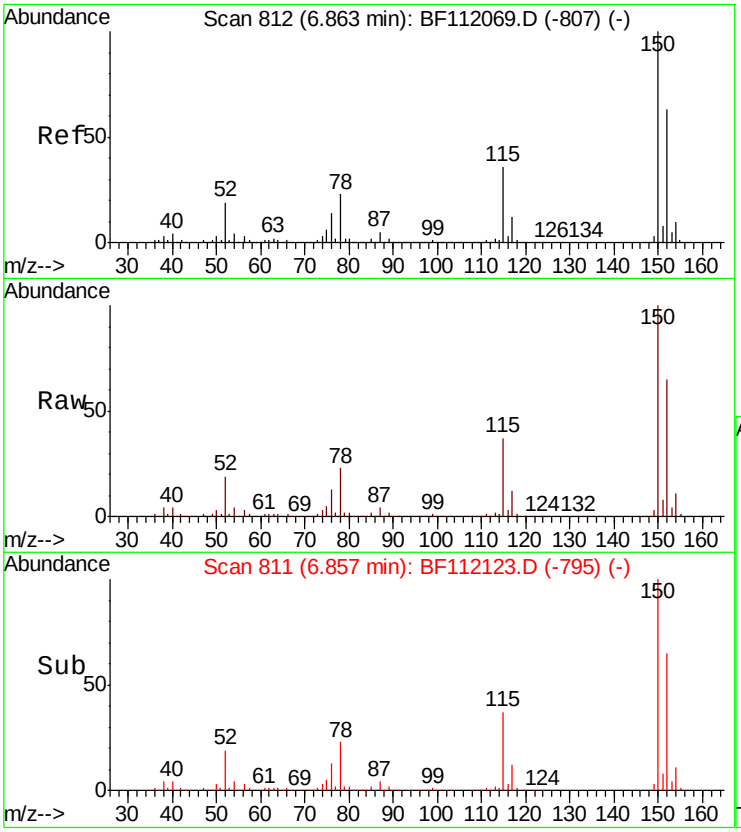


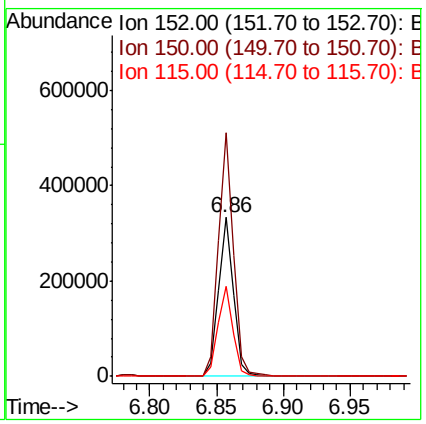


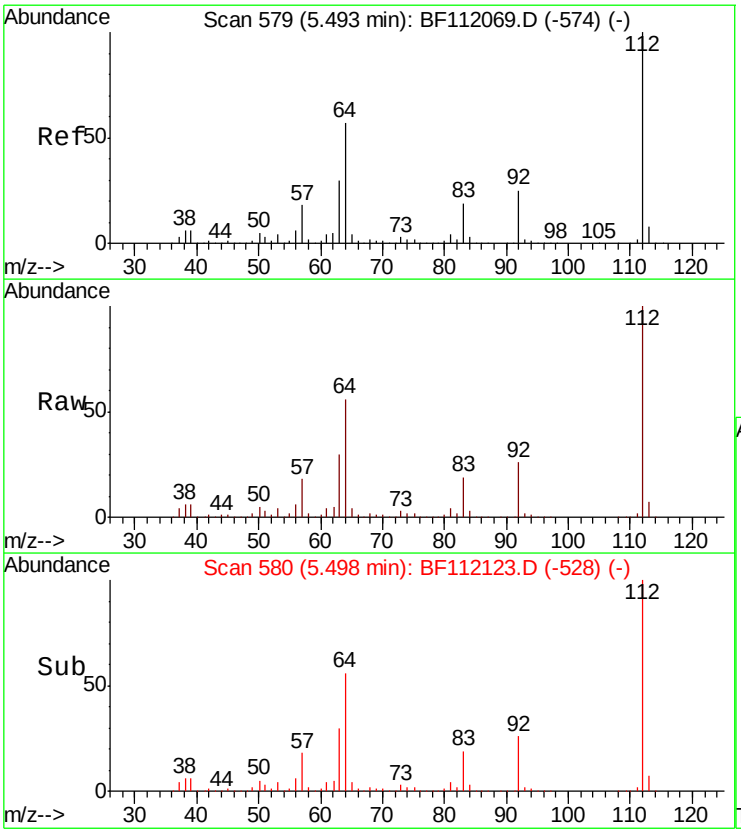
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tgt Ion:152 Resp: 266282

Ion	Ratio	Lower	Upper
152	100		
150	153.4	127.4	191.0
115	56.3	45.5	68.3

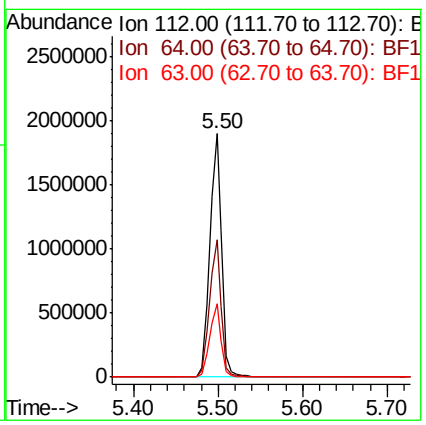


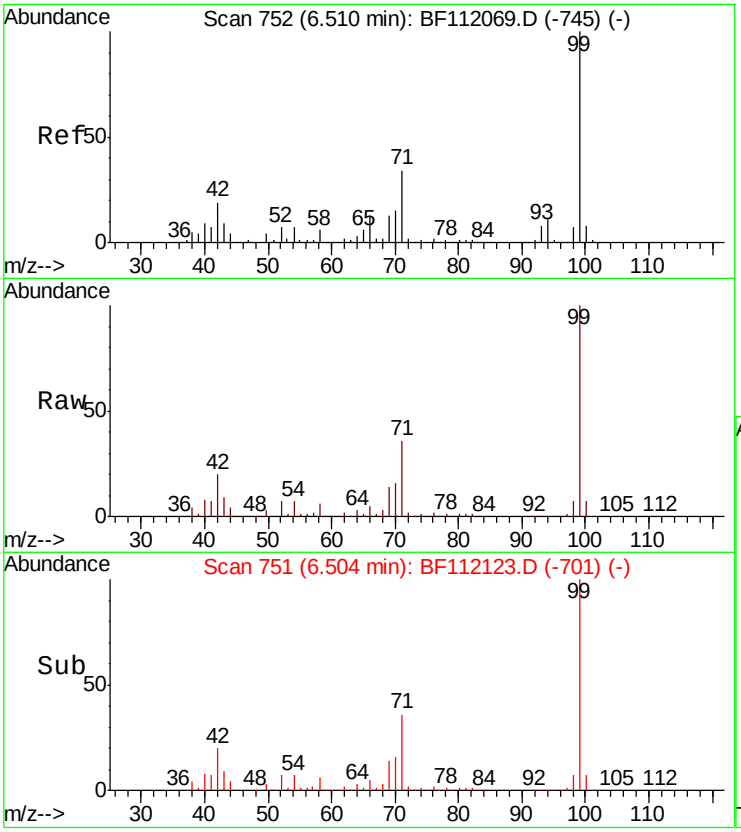


#5
2-Fluorophenol
Concen: 129.959 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Tgt Ion:112 Resp: 1906612

Ion	Ratio	Lower	Upper
112	100		
64	56.3	45.7	68.5
63	30.0	23.6	35.4



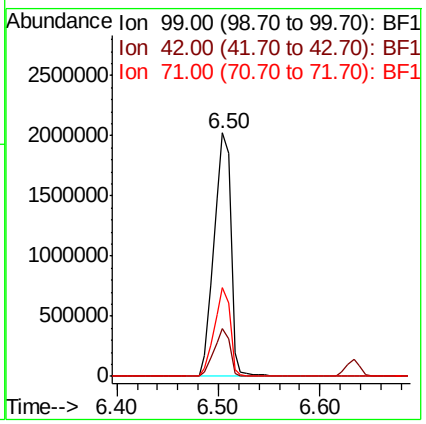


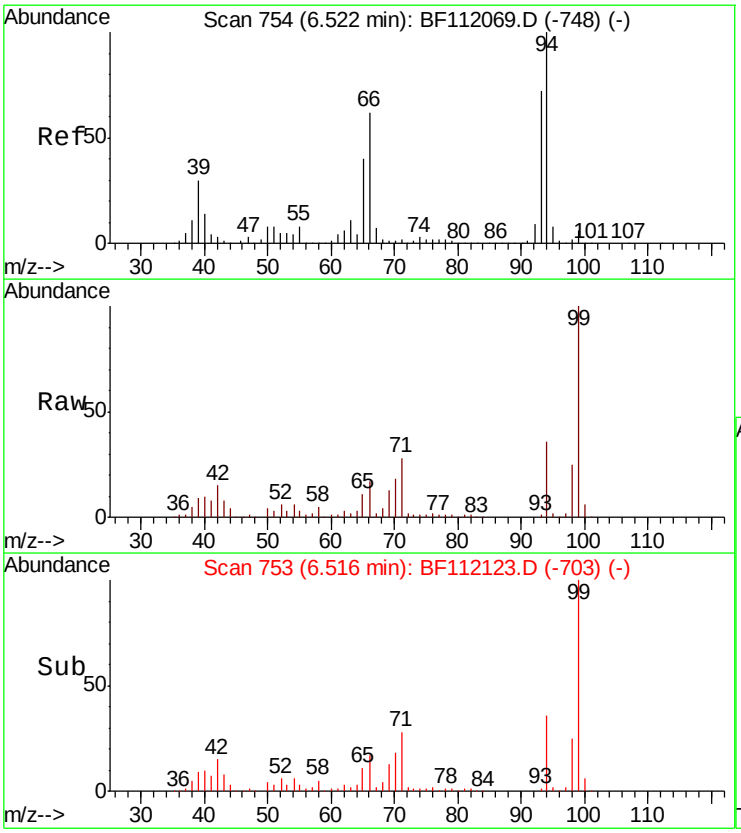
#7
Phenol-d6
Concen: 127.907 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tgt Ion: 99 Resp: 2347798

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.1	22.7
71	36.3	26.9	40.3

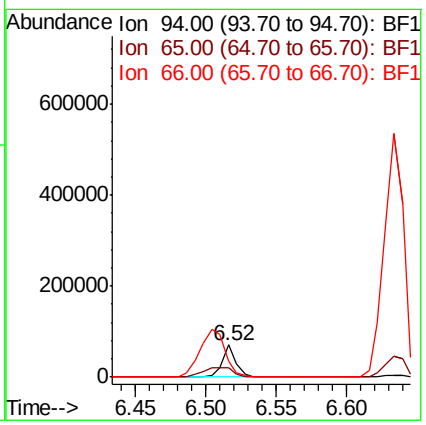


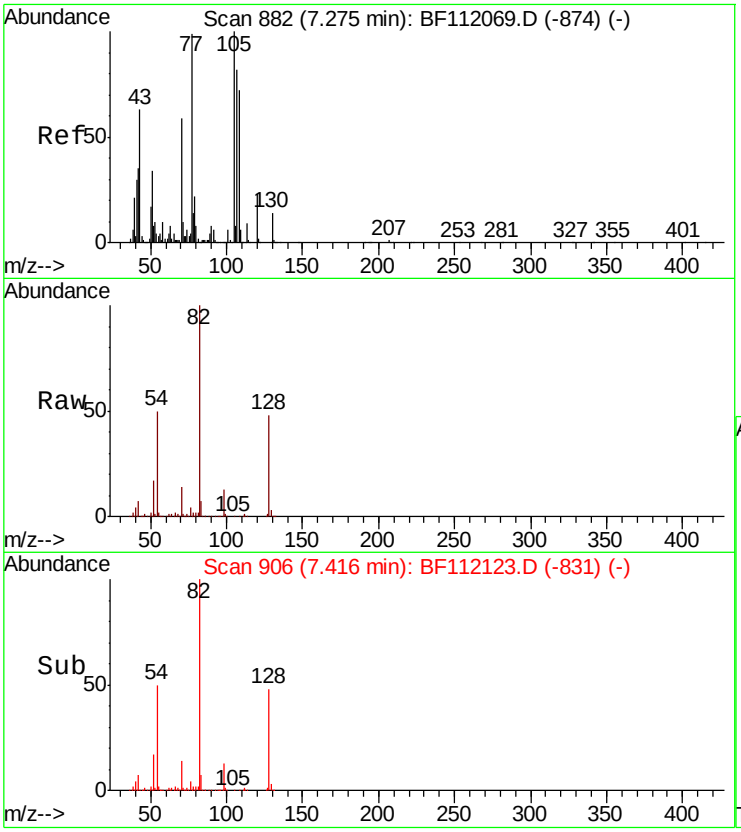


#10
Phenol
Concen: 2.355 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Tgt Ion: 94 Resp: 47243

Ion	Ratio	Lower	Upper
94	100		
65	30.6	20.3	60.3
66	47.3	42.4	82.4



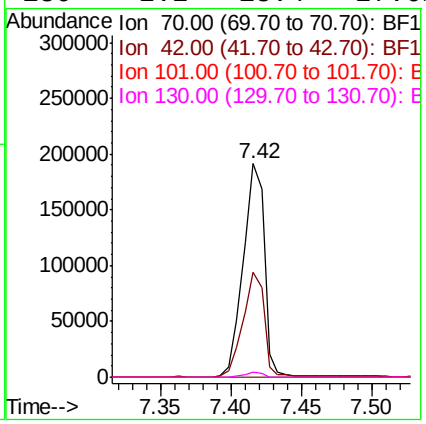


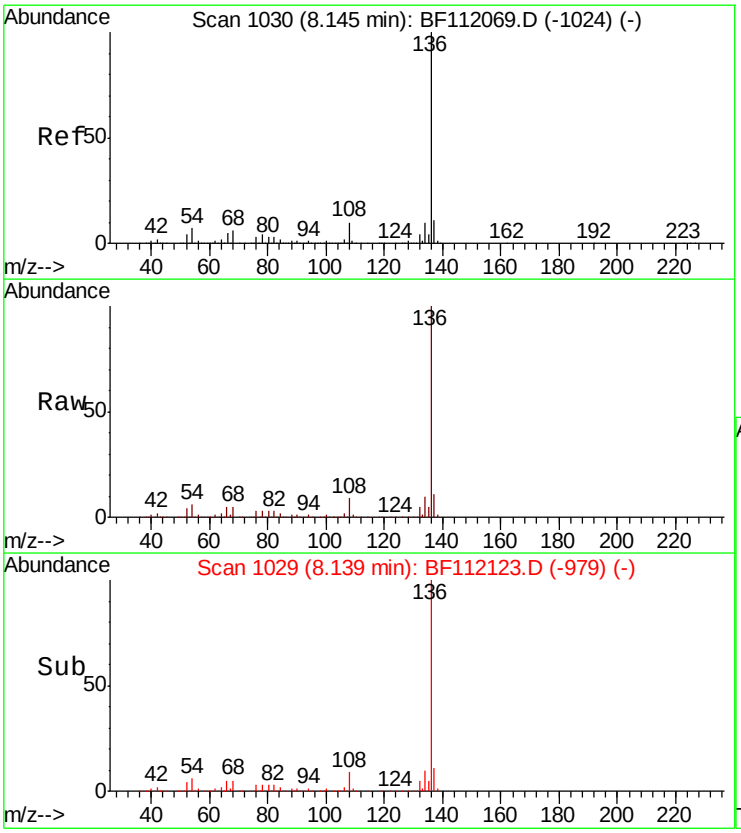
#19
n-Nitroso-di-n-propylamine
Concen: 18.178 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tgt Ion: 70 Resp: 203266

Ion	Ratio	Lower	Upper
70	100		
42	49.0	47.6	71.4
101	0.0	7.9	11.9#
130	2.2	18.4	27.6#

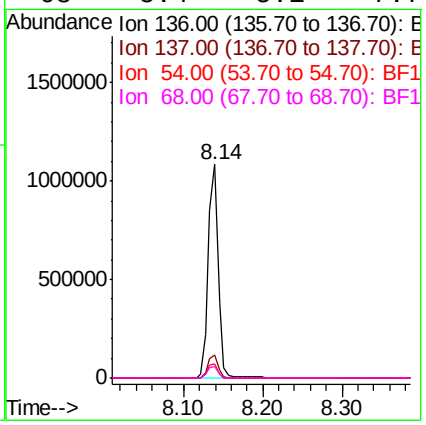


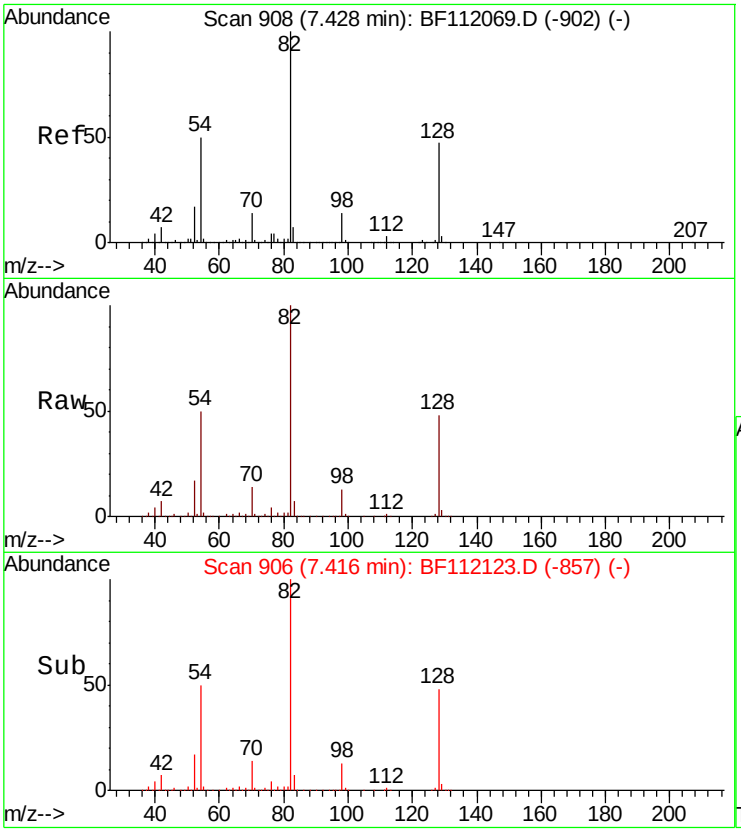


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Tgt Ion:136 Resp: 951720

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.4	5.9	8.9
68	5.4	5.1	7.7



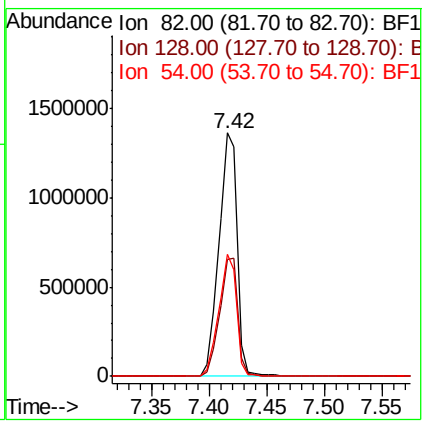


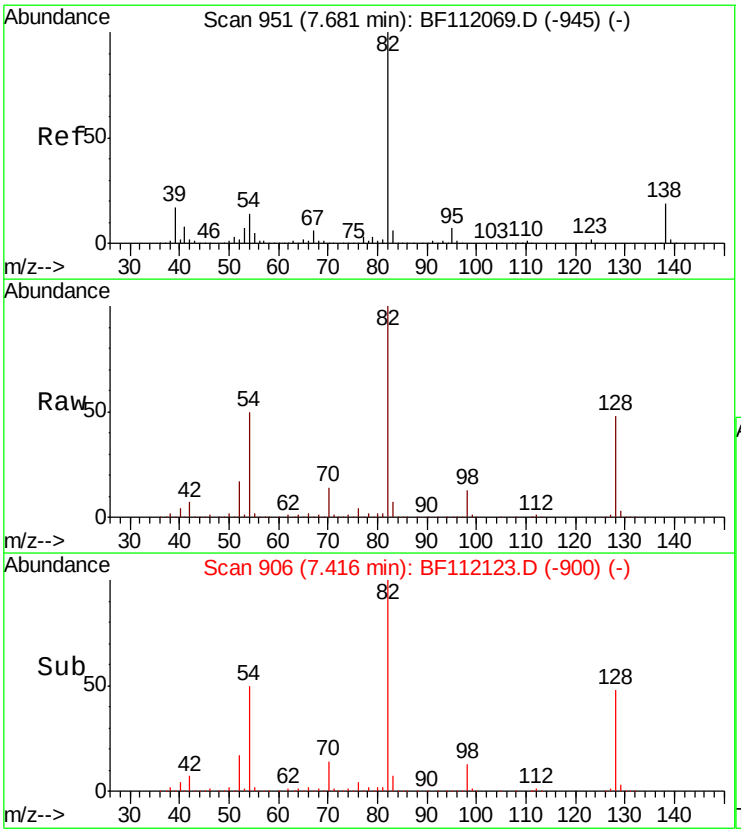
#23
Nitrobenzene-d5
Concen: 108.483 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tgt Ion: 82 Resp: 1494385

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.8	56.8
54	49.9	39.7	59.5

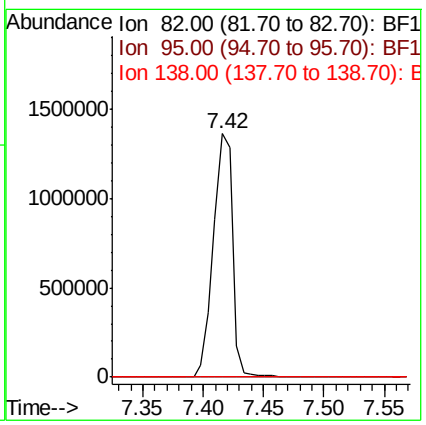


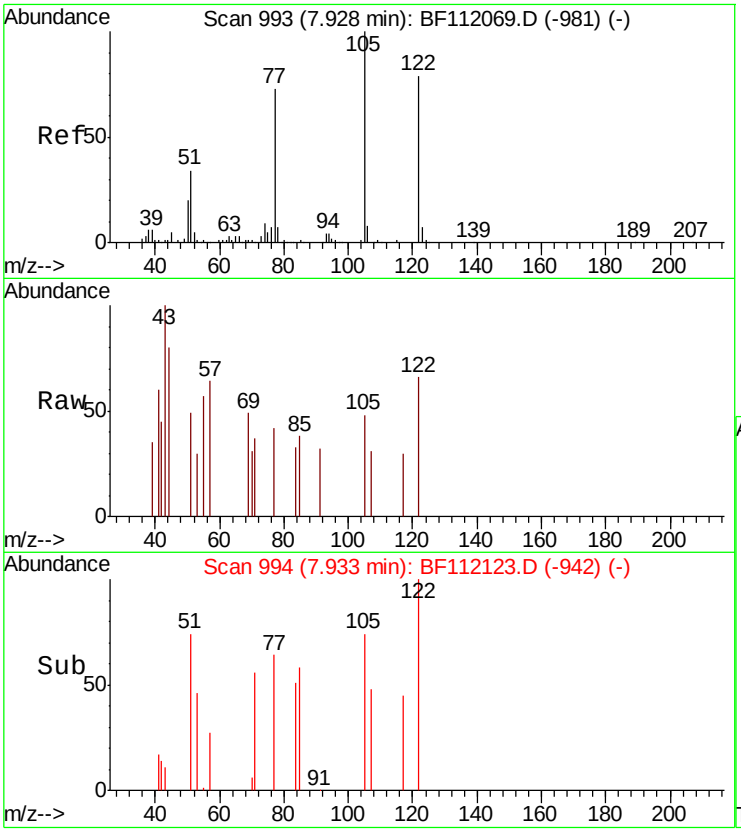


#25
Isophorone
Concen: 56.164 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Tgt Ion: 82 Resp: 1494366

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#



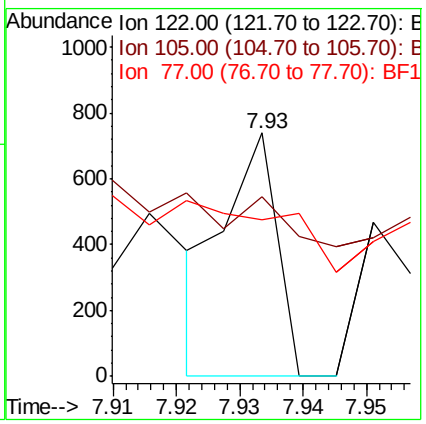


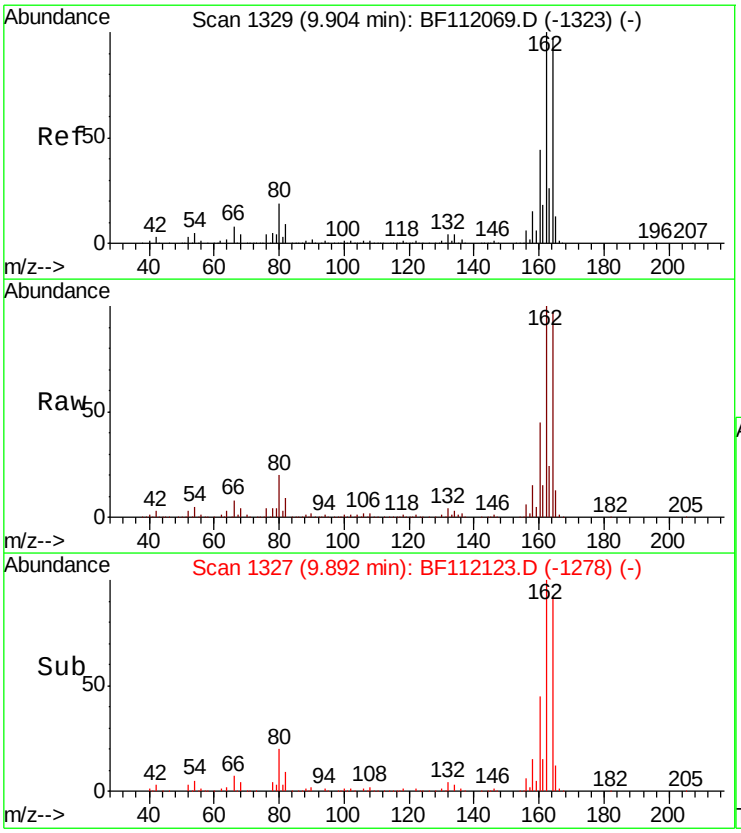
#32
Benzoic acid
Concen: 7.249 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tgt Ion:122 Resp: 416

Ion	Ratio	Lower	Upper
122	100		
105	73.6	101.2	141.2#
77	64.4	70.4	110.4#

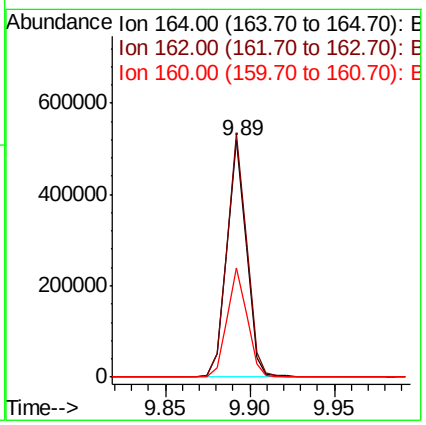


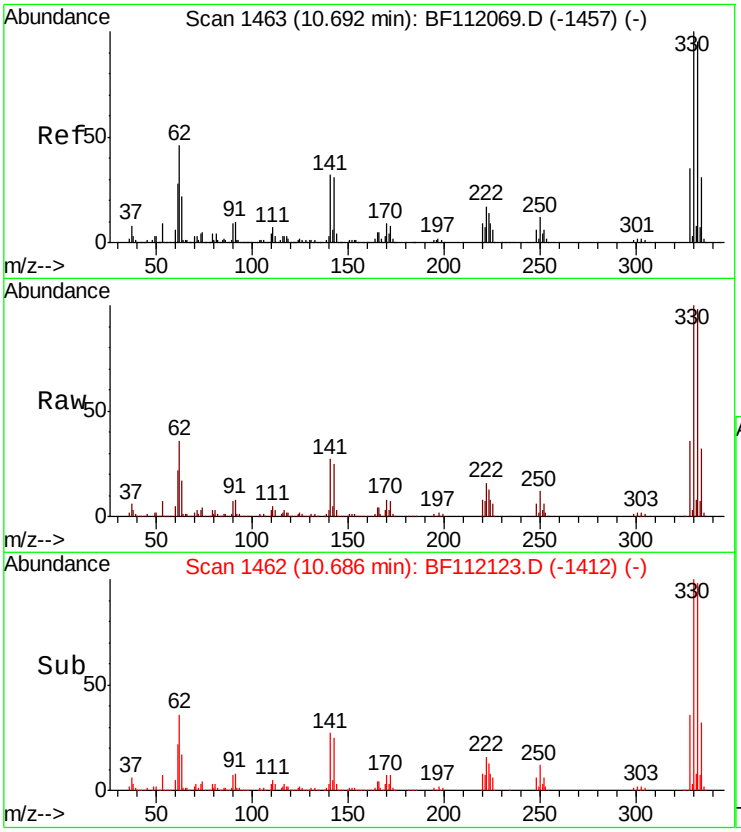


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Tgt Ion:164 Resp: 417343

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.2	123.4
160	46.2	36.2	54.4



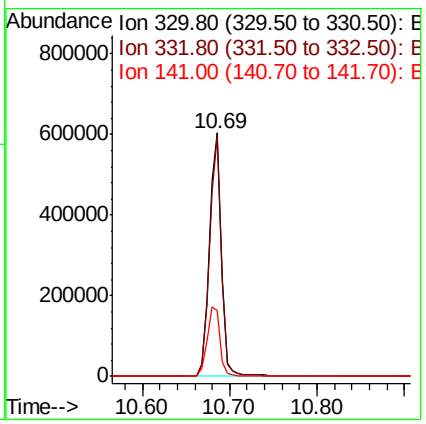


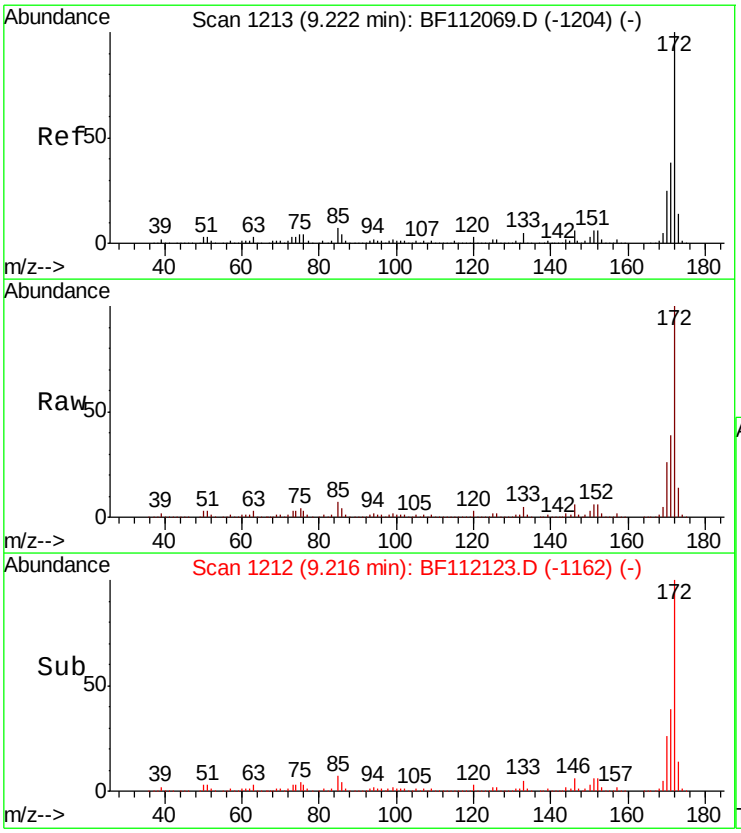
#42
2,4,6-Tribromophenol
Concen: 128.351 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tgt Ion:330 Resp: 577862

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	30.8	24.3	36.5

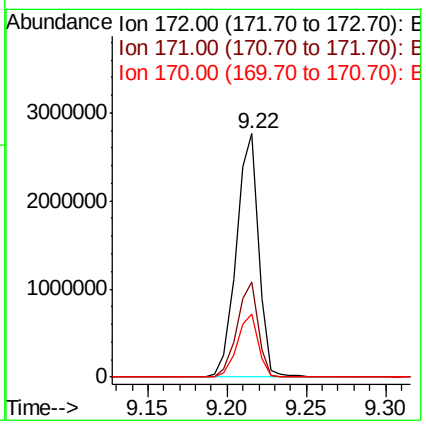


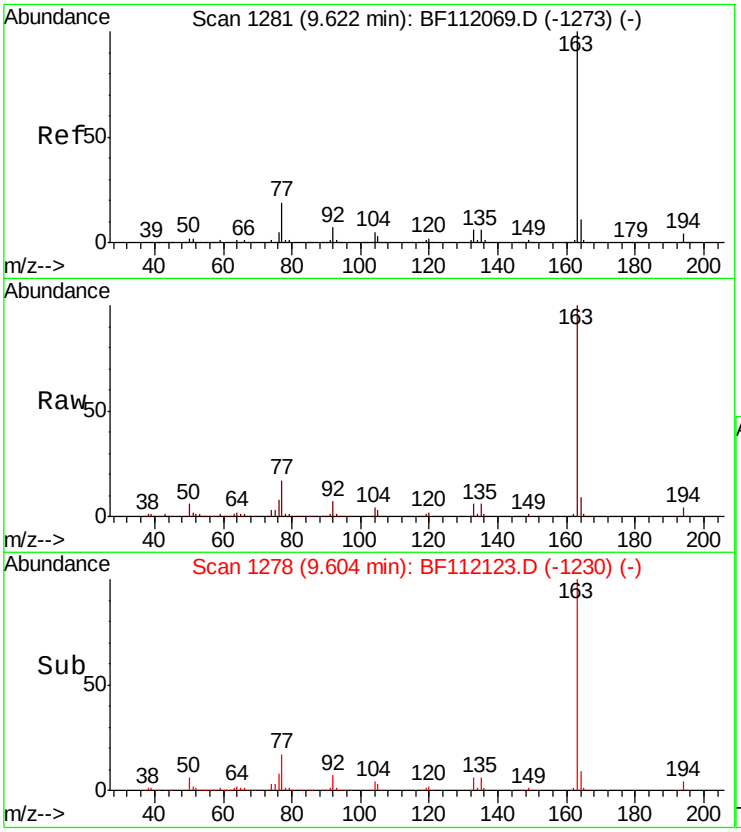


#45
2-Fluorobiphenyl
Concen: 94.032 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Tgt Ion:172 Resp: 2676715

Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.5	45.7
170	25.9	20.2	30.4



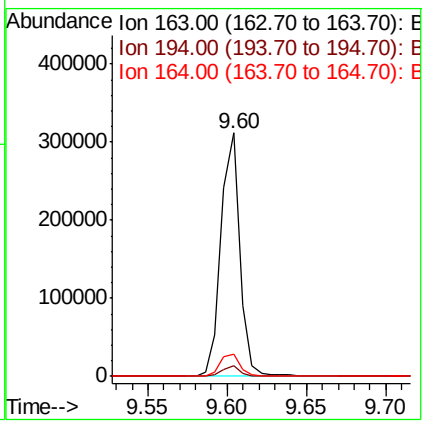


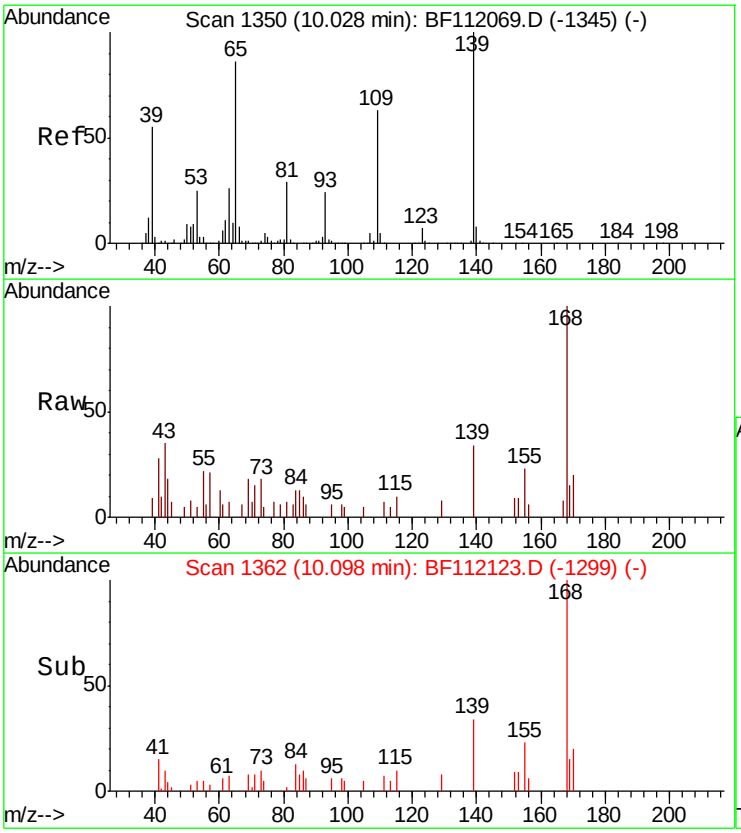
#50
Dimethylphthalate
Concen: 8.481 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tgt Ion:163 Resp: 258132

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.3	8.5	12.7

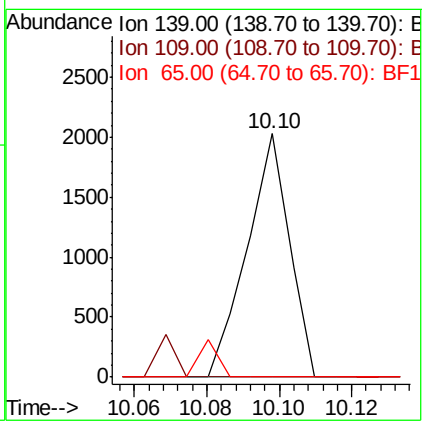


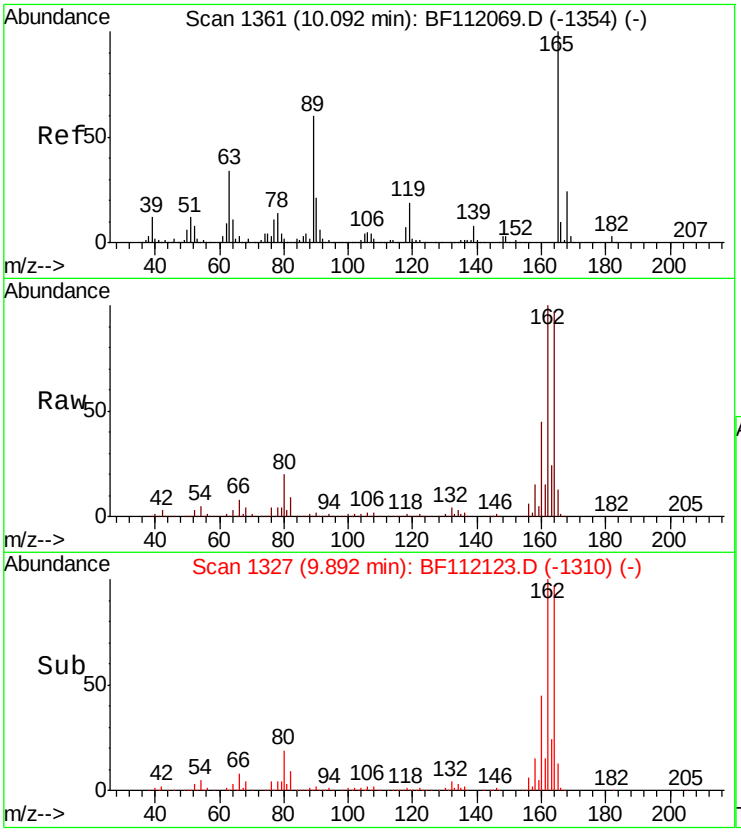


#56
4-Nitrophenol
Concen: 5.969 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.07 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Tgt Ion:139 Resp: 1640

Ion	Ratio	Lower	Upper
139	100		
109	0.0	42.8	82.8#
65	0.0	66.1	106.1#



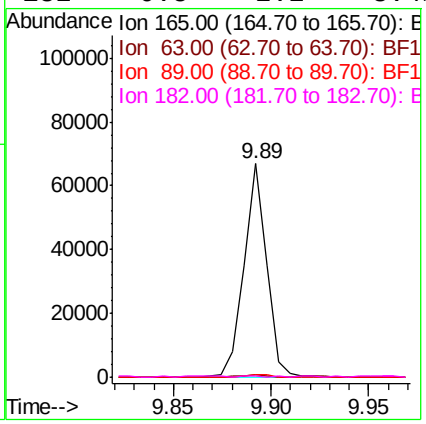


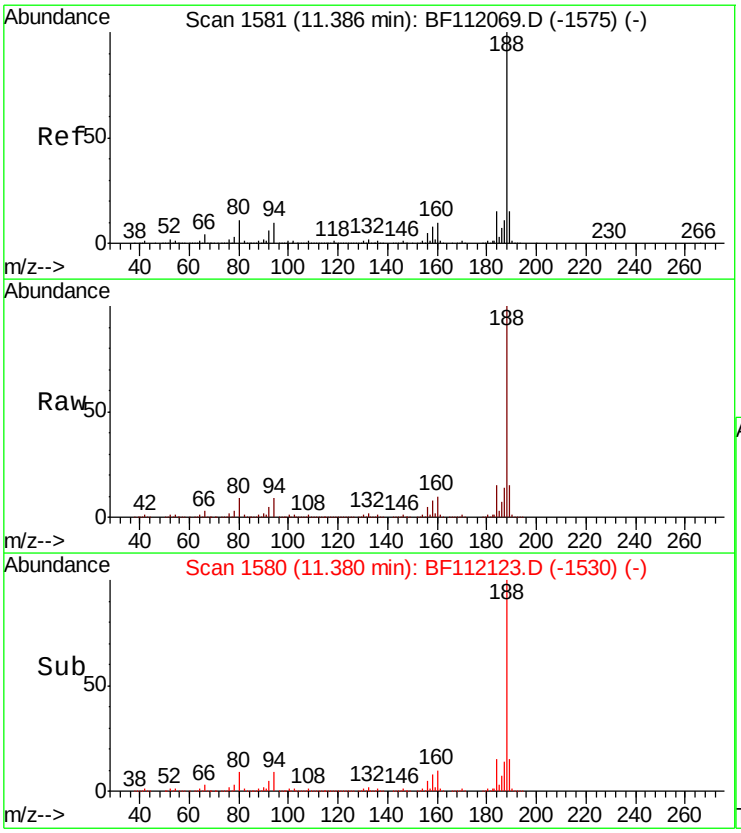
#57
2,4-Dinitrotoluene
Concen: 10.829 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.20 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tgt Ion:165 Resp: 53885

Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.9	41.9#
89	1.3	47.9	71.9#
182	0.5	2.2	3.4#

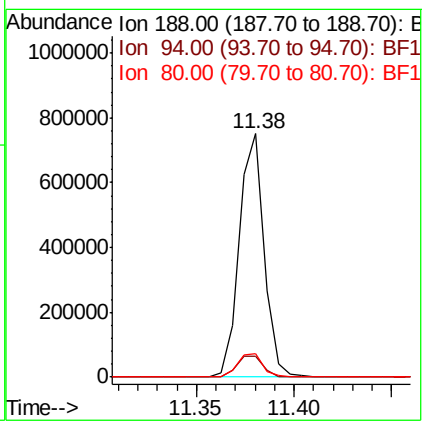


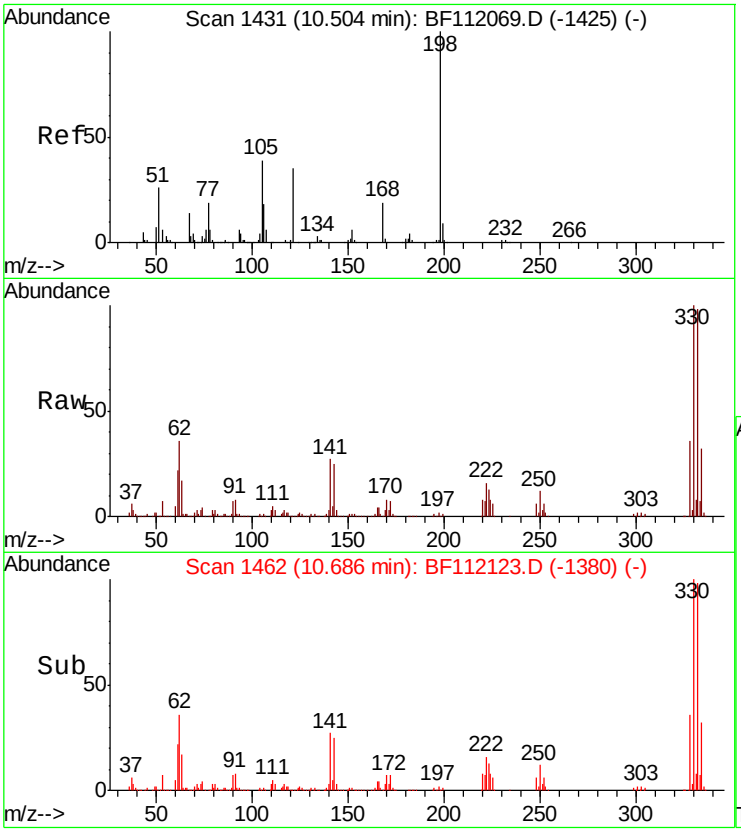


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Tgt Ion:188 Resp: 661747

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.5	8.9	13.3



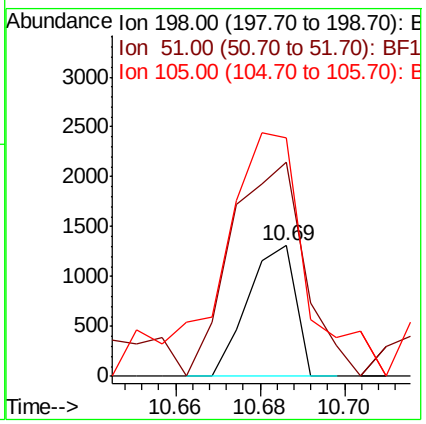


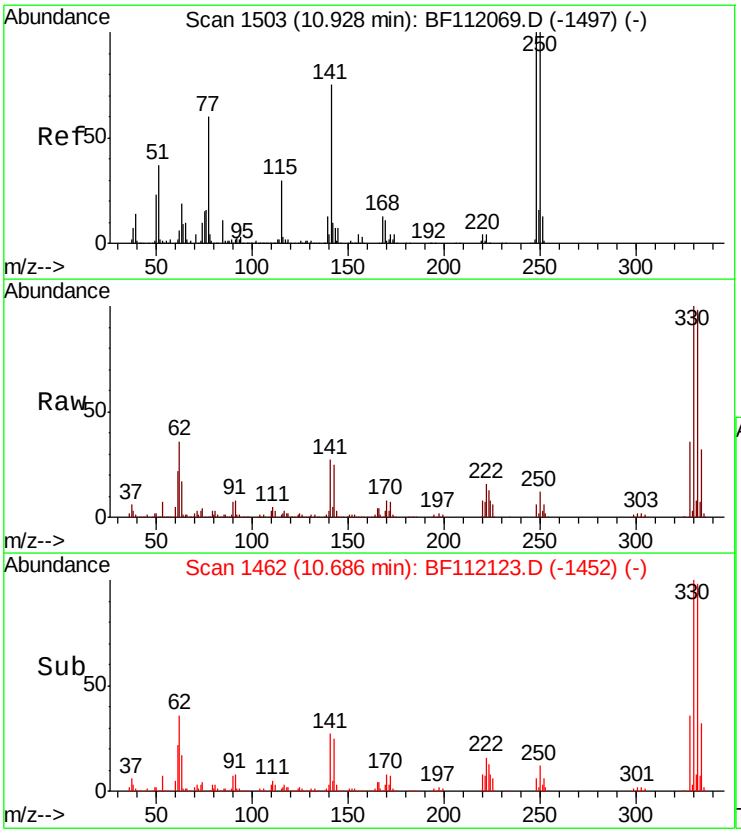
#65
4,6-Dinitro-2-methylphenol
Concen: 10.366 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.18 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tgt Ion:198 Resp: 1036

Ion	Ratio	Lower	Upper
198	100		
51	164.0	17.2	57.2#
105	182.5	21.9	61.9#

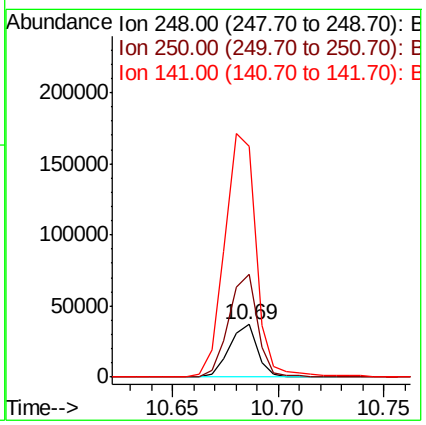


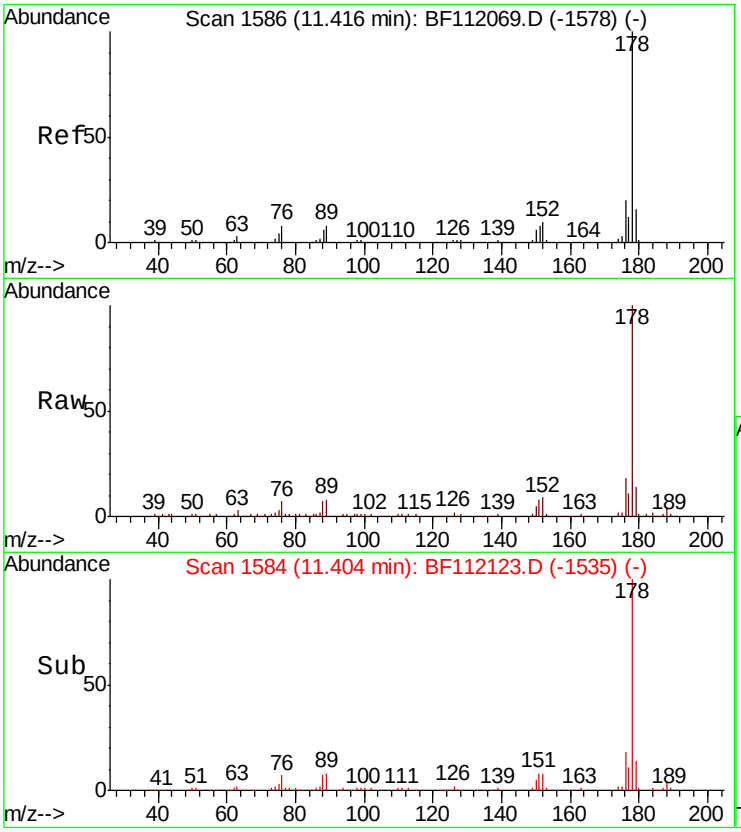


#67
4-Bromophenyl-phenylether
Concen: 4.417 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Tgt Ion:248 Resp: 33948

Ion	Ratio	Lower	Upper
248	100		
250	195.5	79.7	119.5#
141	441.3	60.3	90.5#



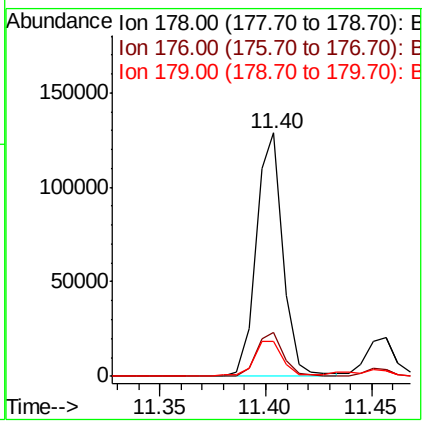


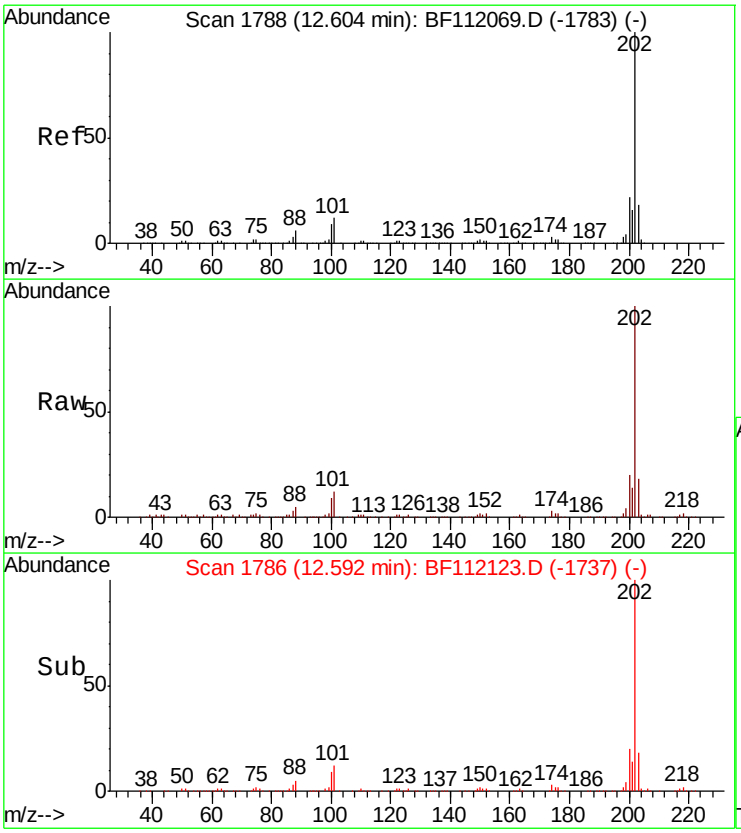
#71
Phenanthrene
Concen: 3.411 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tgt Ion:178 Resp: 113594

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.3	24.5
179	14.2	13.0	19.4

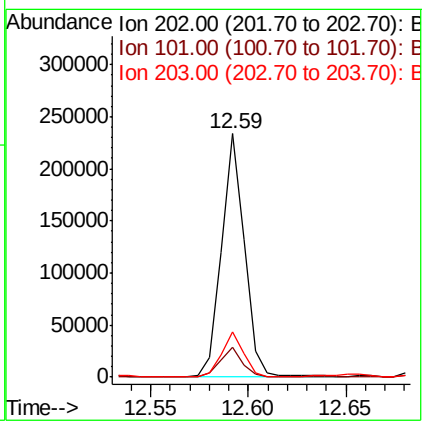


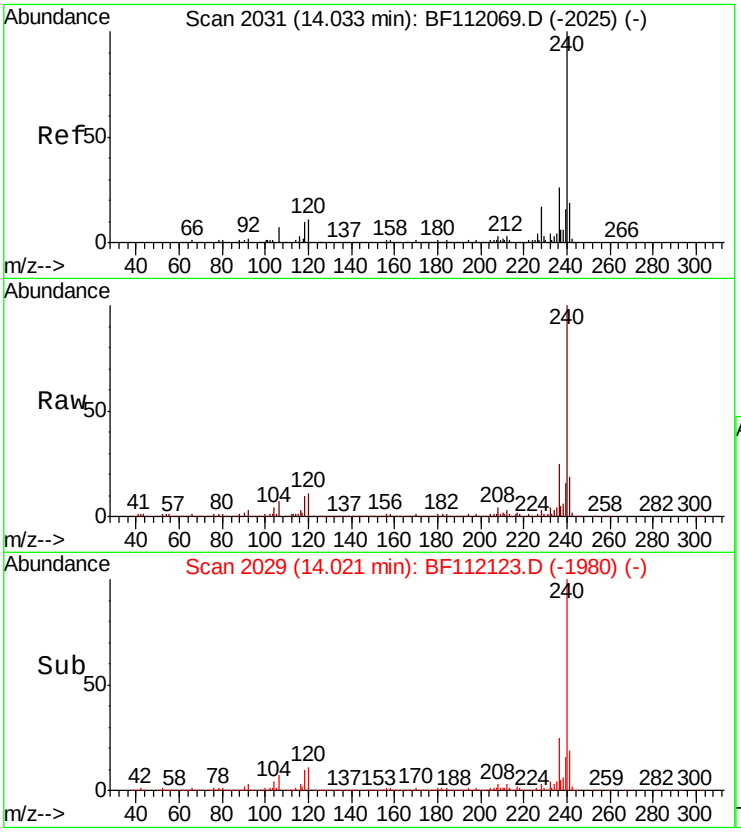


#75
Fluoranthene
Concen: 5.450 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Tgt Ion:202 Resp: 191629

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.8
203	18.4	0.0	38.4



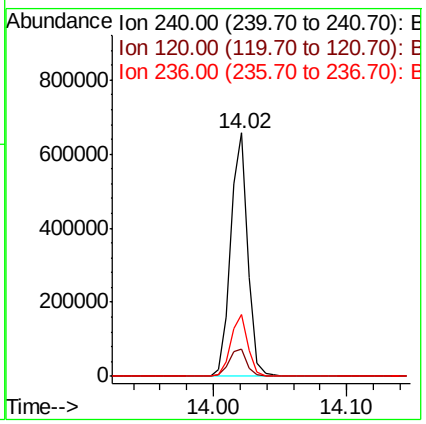


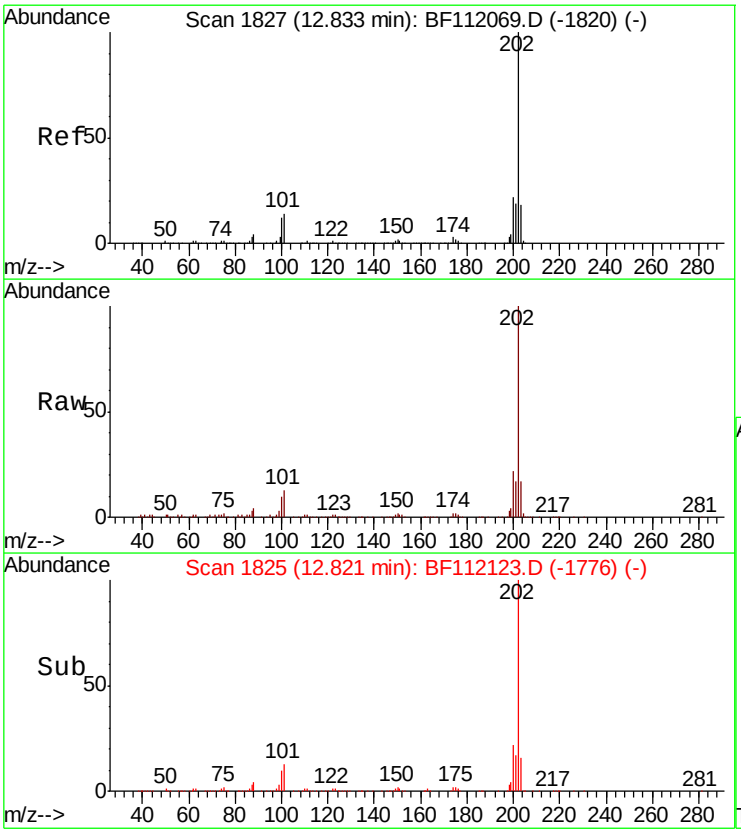
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tgt Ion:240 Resp: 591155

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.0	13.6
236	25.4	20.7	31.1

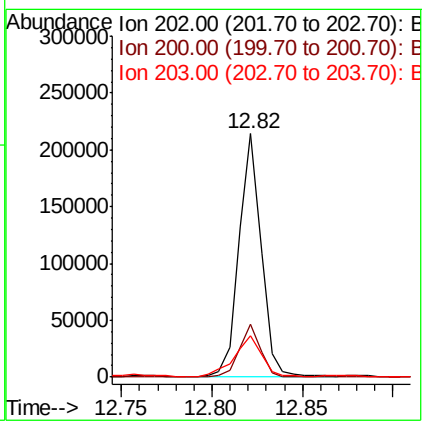


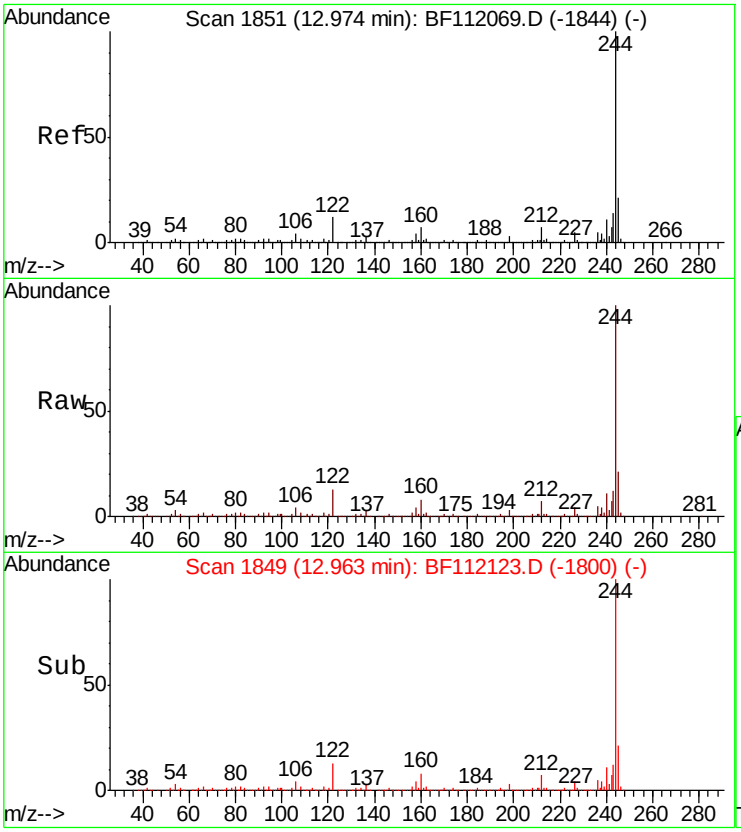


#78
Pyrene
Concen: 4.662 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Tgt Ion:202 Resp: 181821

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	16.9	14.6	22.0



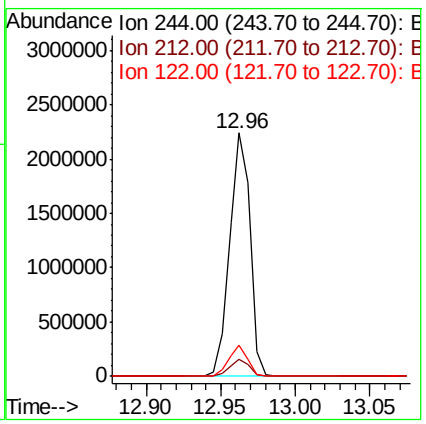


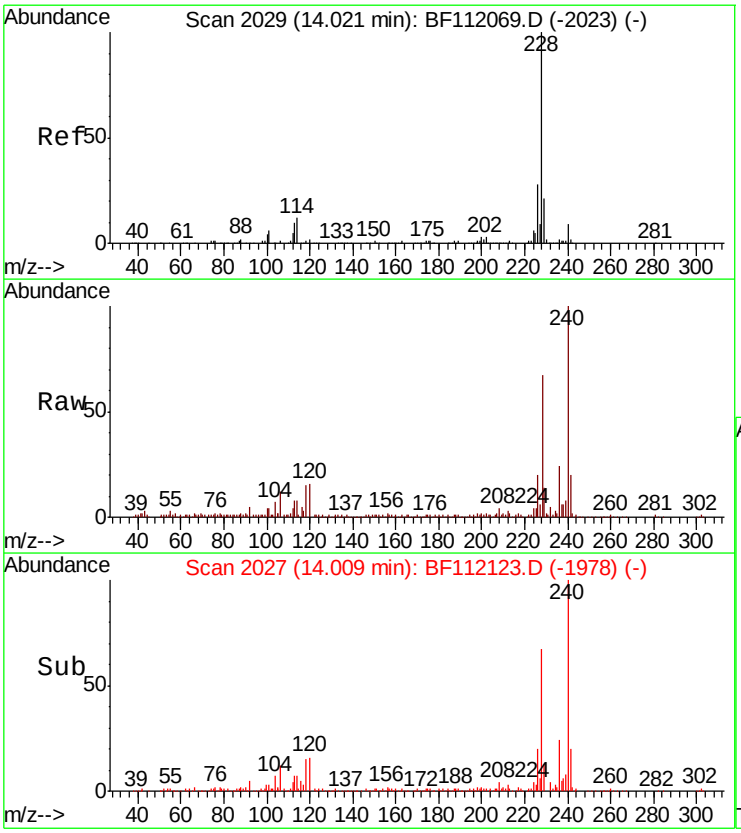
#79
Terphenyl-d14
Concen: 77.885 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tgt Ion:244 Resp: 2164269

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	12.9	9.8	14.6

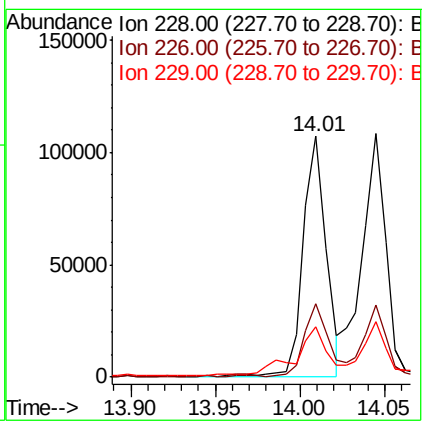


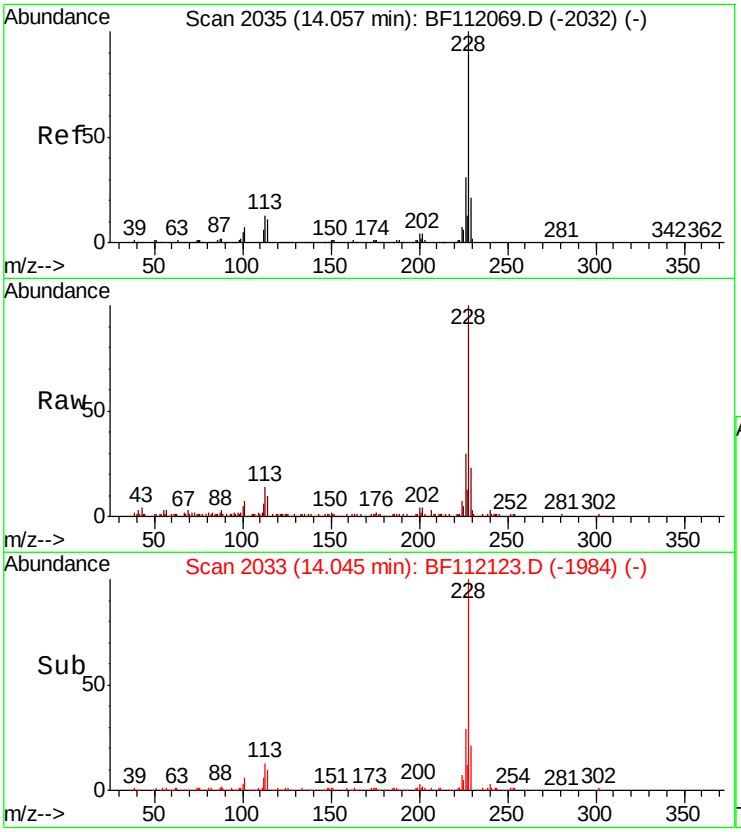


#81
Benzo(a)anthracene
Concen: 2.959 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Tgt Ion:228 Resp: 100280

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	34.0
229	21.0	16.5	24.7



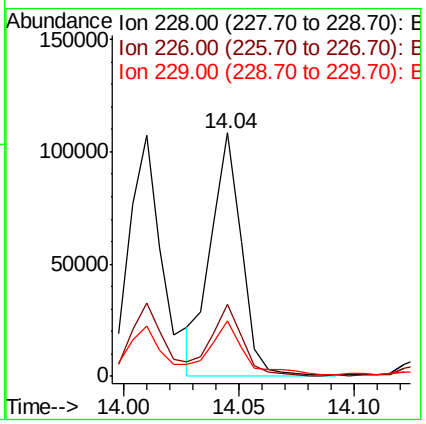


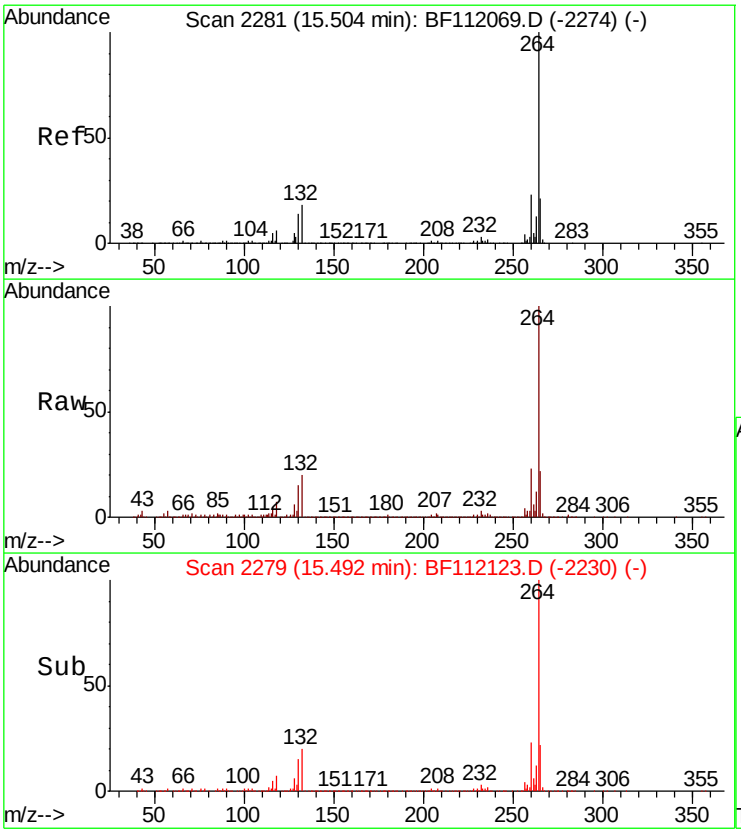
#83
Chrysene
Concen: 3.085 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tgt Ion:228 Resp: 98954

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	22.7	16.6	24.8

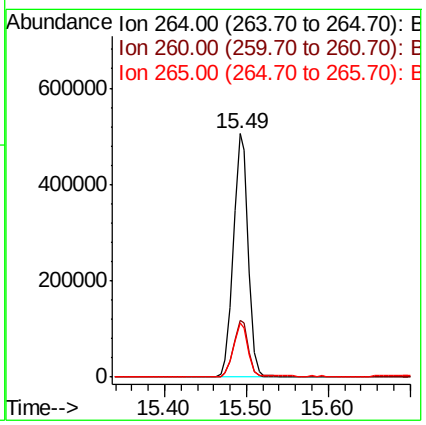


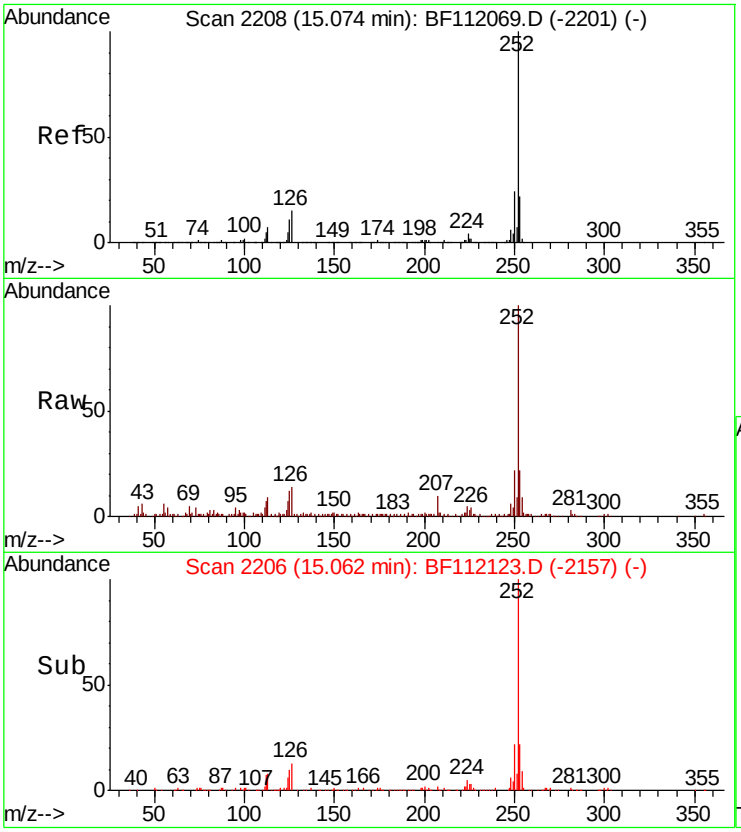


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Tgt Ion:264 Resp: 640150

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	22.4	17.0	25.4



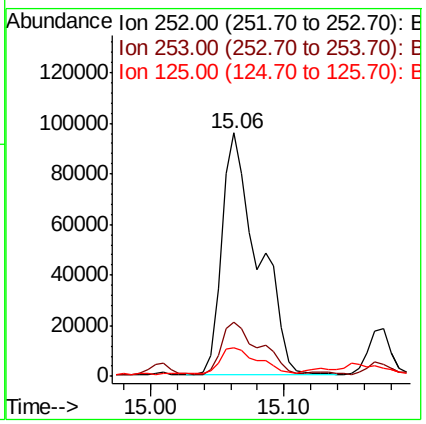


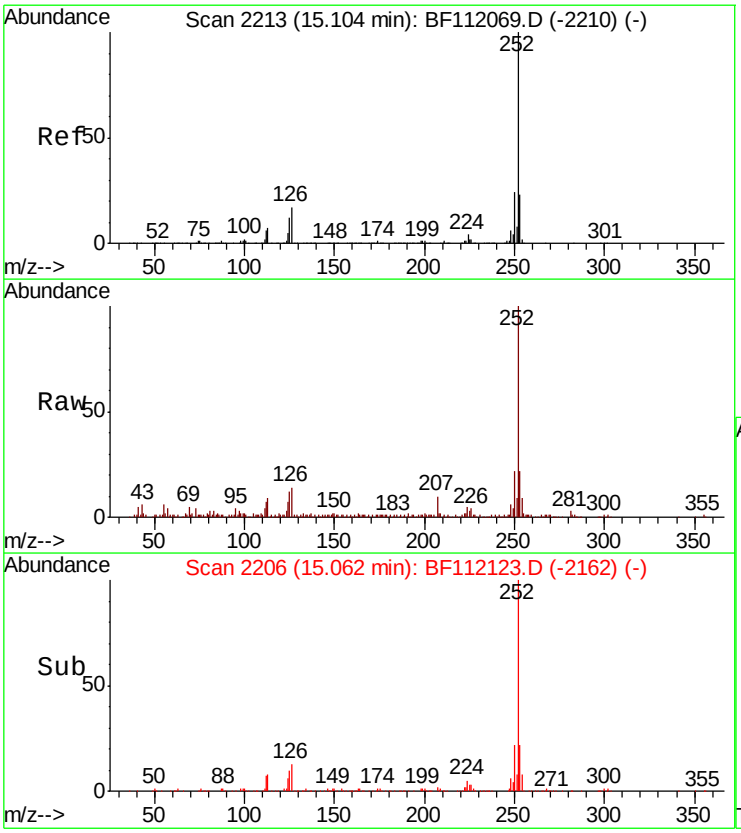
#88
Benzo(b)fluoranthene
Concen: 5.016 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tgt Ion:252 Resp: 182281

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.6	8.7	13.1

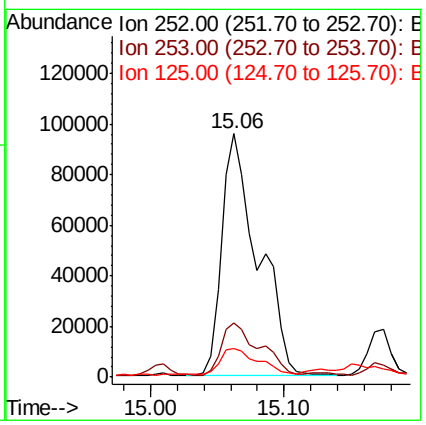


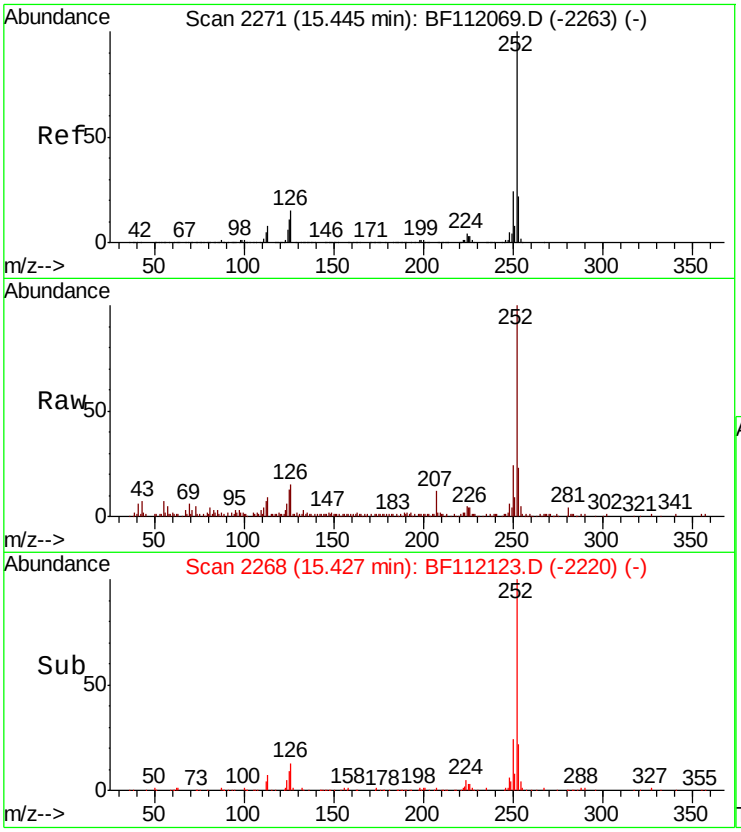


#89
Benzo(k)fluoranthene
Concen: 5.183 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Tgt Ion:252 Resp: 182281

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.6	9.1	13.7





#90
Benzo(a)pyrene
Concen: 2.862 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF112123.D
Acq: 18 Jan 2019 13:19

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

Tgt Ion:252 Resp: 95385

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	13.2	9.0	13.4