Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104111.D
Acq On : 30 Mar 2018 23:32
Operator : JU/SJ
Sample : J2112-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 31 00:12:31 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 30 17:20:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	111368	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	464324	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	207966	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	333736	20.00	ng		0.00
75) Chrysene-d12	14.14	240	238077	20.00	ng		0.00
86) Perylene-d12	15.68	264	200317	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	701930	100.51	ng		0.01
7) Phenol-d6	6.59	99	944236	109.90	ng		0.00
23) Nitrobenzene-d5	7.52	82	552745	72.80	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	222060	95.89	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	981841	74.45	ng		0.00
78) Terphenyl-d14	13.07	244	756431	73.36	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	15575	2.249	ng		83
19) n-Nitroso-di-n-propylamine	7.52	70	68701	13.474	ng	#	73
25) Isophorone	7.52	82	552745	39.504	ng	#	64
49) Dimethylphthalate	9.70	163	67903	4.135	ng		98
50) 2,6-Dinitrotoluene	9.99	165	27078	7.665	ng	#	27
56) 2,4-Dinitrotoluene	9.99	165	27635	6.131	ng	#	24
66) 4-Bromophenyl-phenylether	10.79	248	12990	3.638	ng	#	1
77) Pyrene	12.94	202	36234	2.117	ng		97
87) Benzo(b)fluoranthene	15.22	252	25520	2.093	ng	#	31
88) Benzo(k)fluoranthene	15.22	252	25520	2.222	ng	#	34

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104111.D
Acq On : 30 Mar 2018 23:32
Operator : JU/SJ
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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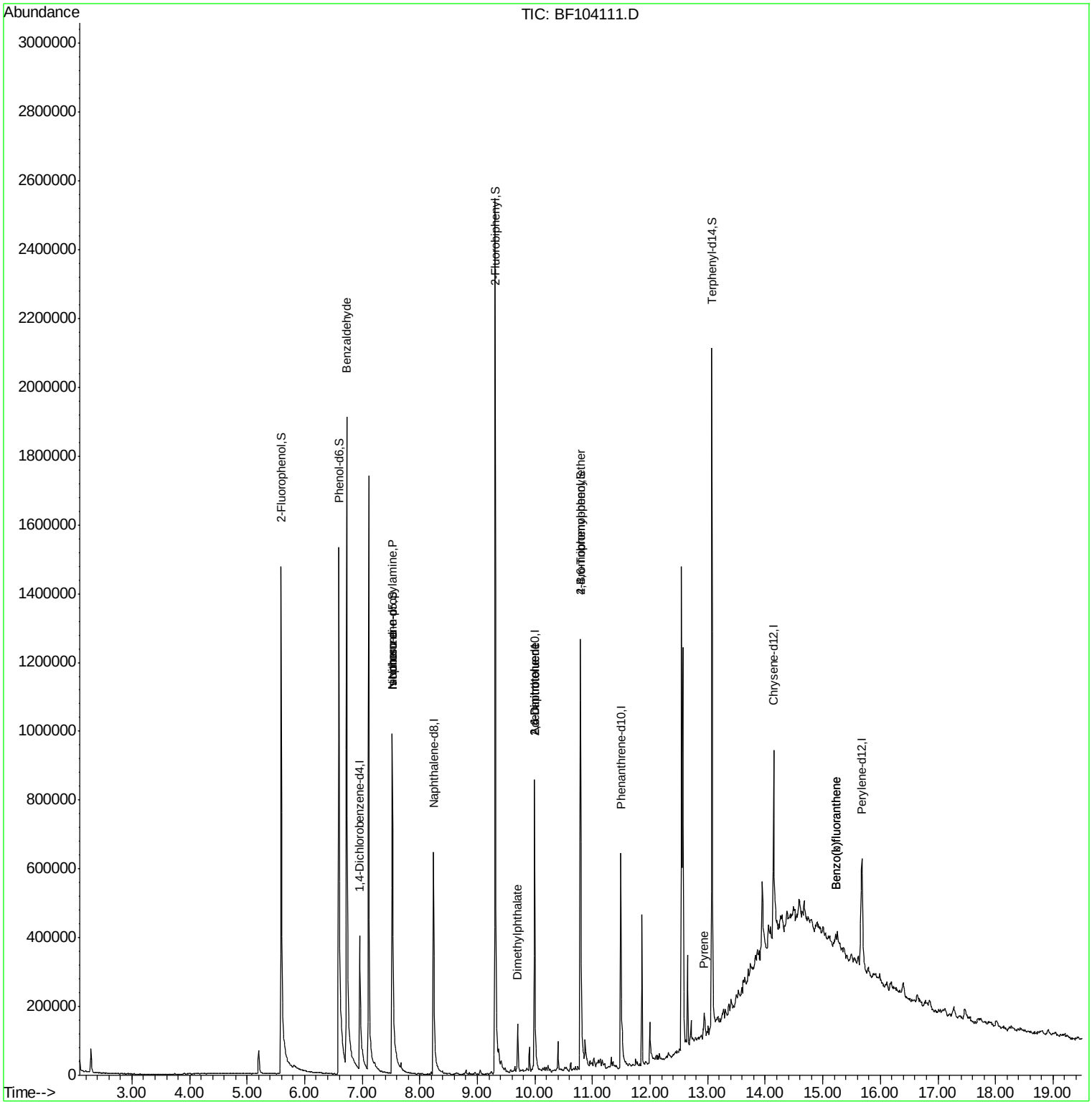
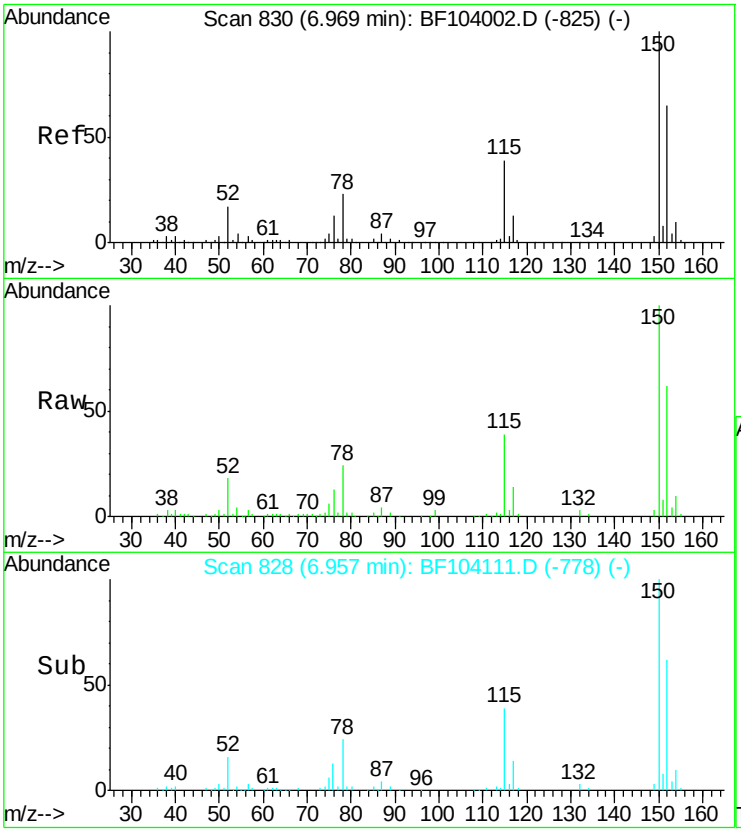


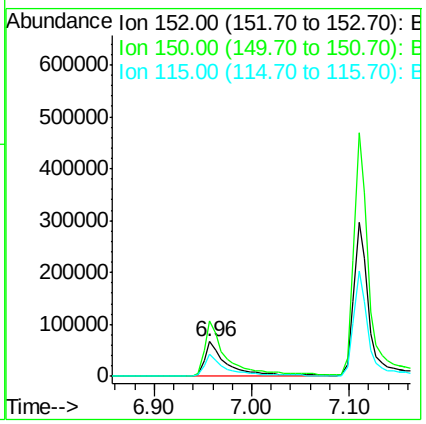


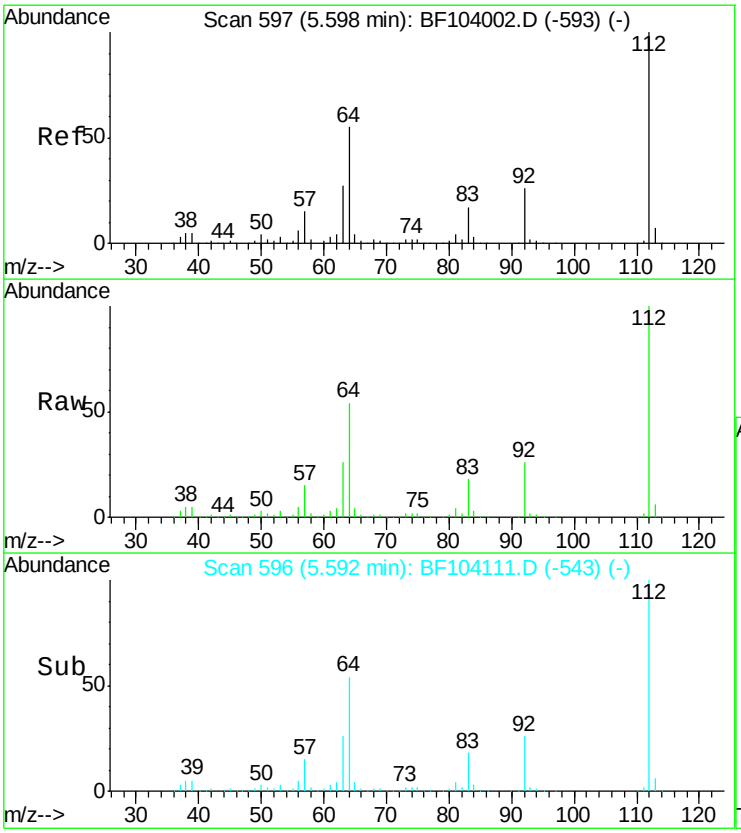
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 111368

Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	63.5	50.1	75.1

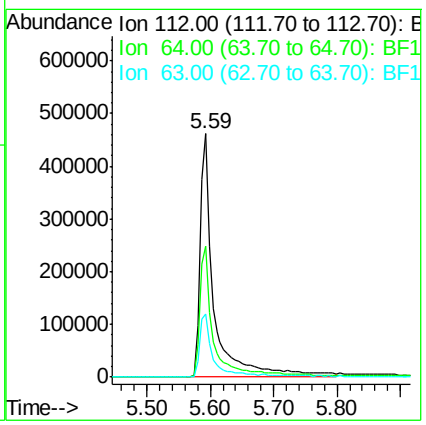


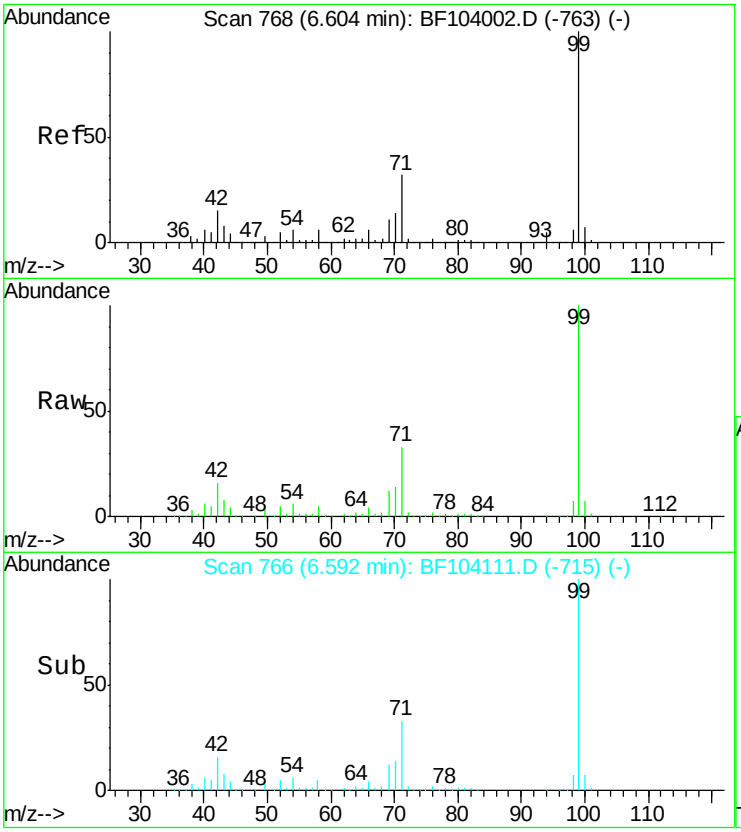


#5
2-Fluorophenol
Concen: 100.514 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Tgt Ion:112 Resp: 701930

Ion	Ratio	Lower	Upper
112	100		
64	53.9	47.9	71.9
63	26.1	23.7	35.5



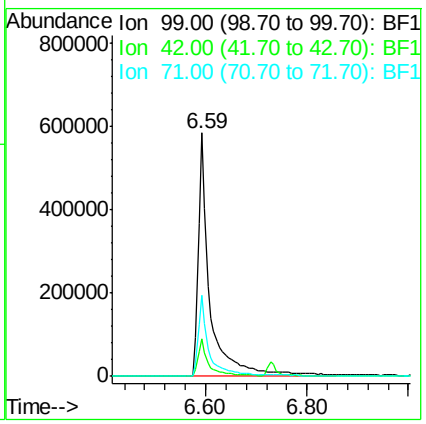


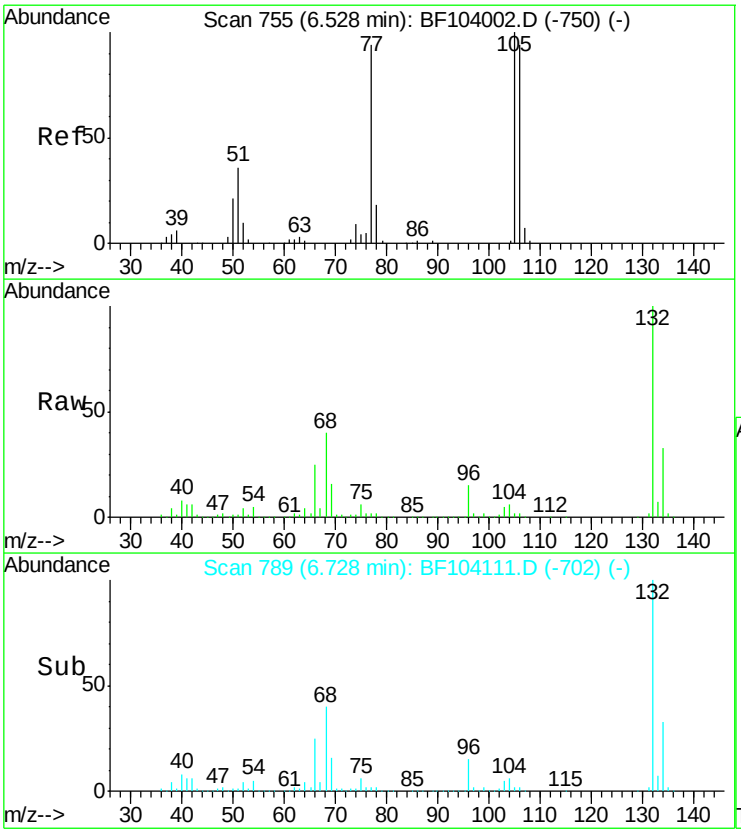
#7
Phenol-d6
Concen: 109.901 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 944236

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	33.3	25.4	38.0

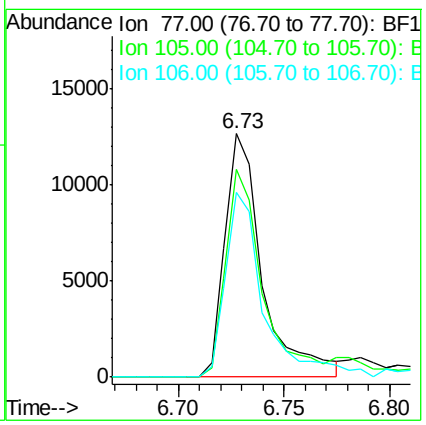


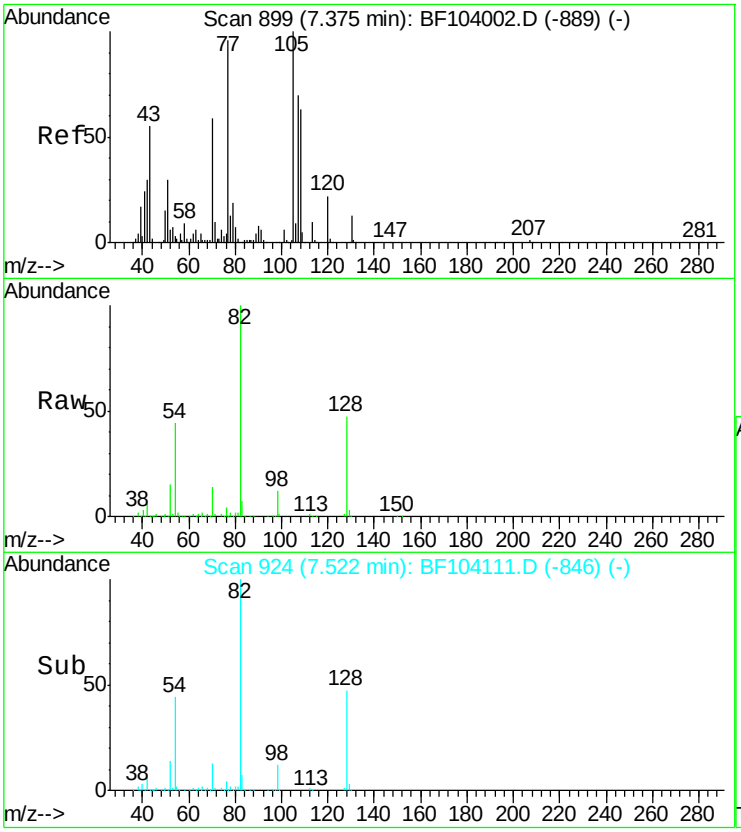


#9
Benzaldehyde
Concen: 2.249 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.21 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Tgt Ion: 77 Resp: 15575

Ion	Ratio	Lower	Upper
77	100		
105	85.1	81.1	121.1
106	76.1	74.5	114.5



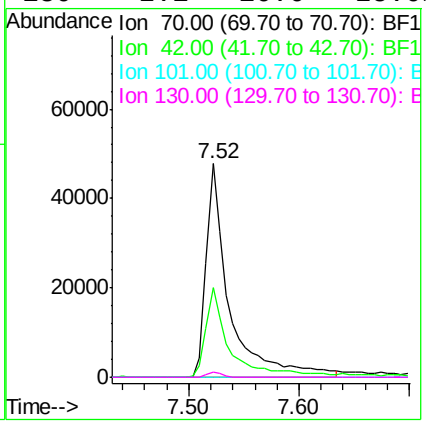


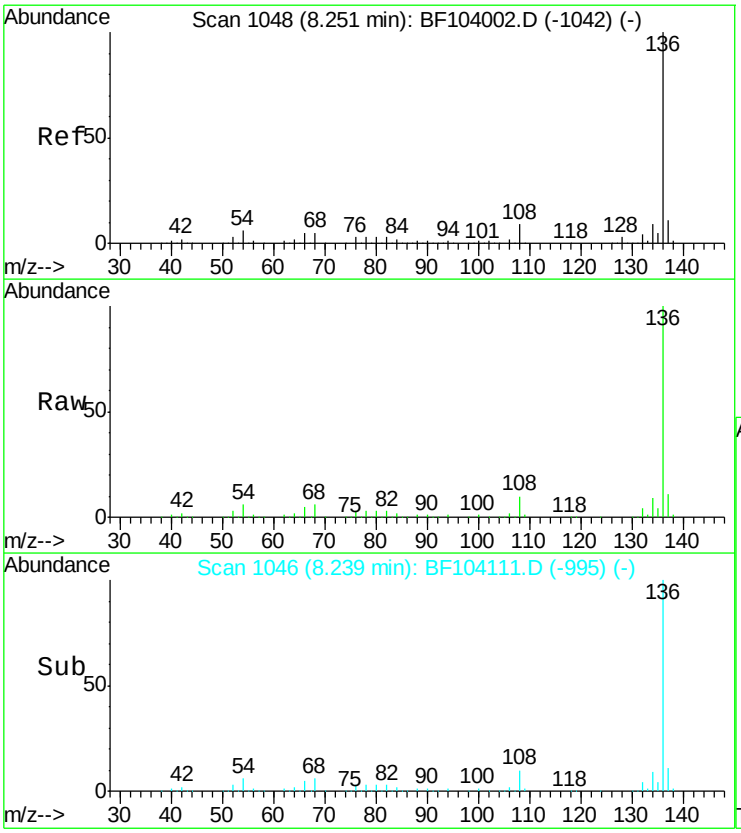
#19
n-Nitroso-di-n-propylamine
Concen: 13.474 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 68701

Ion	Ratio	Lower	Upper
70	100		
42	42.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

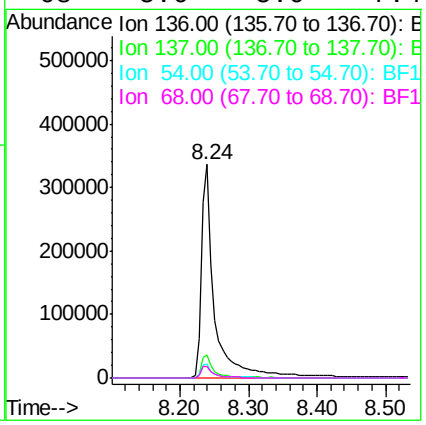


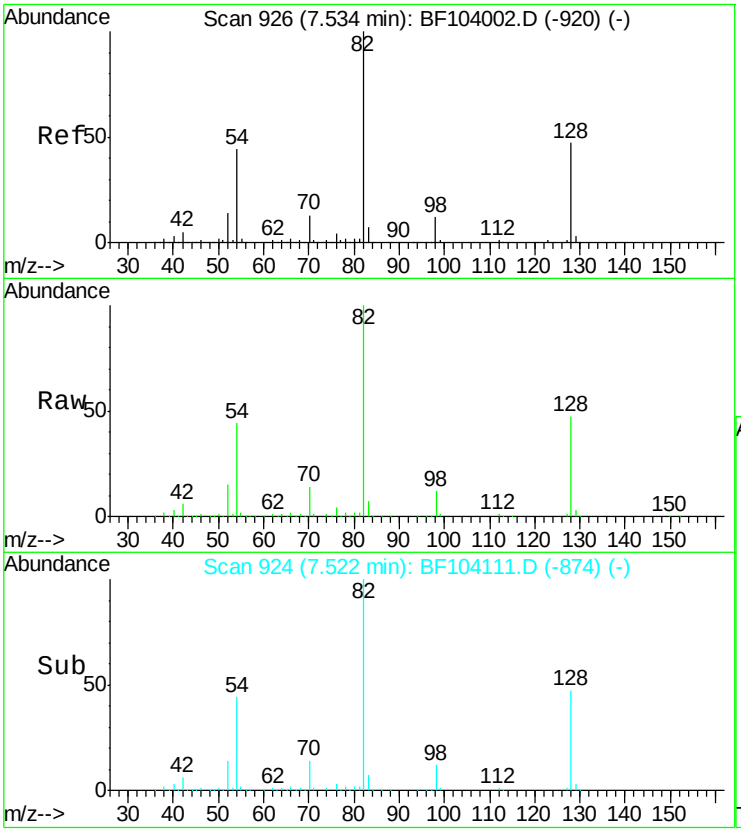


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Tgt Ion:136 Resp: 464324

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.5	6.6	9.8#
68	5.6	5.0	7.4



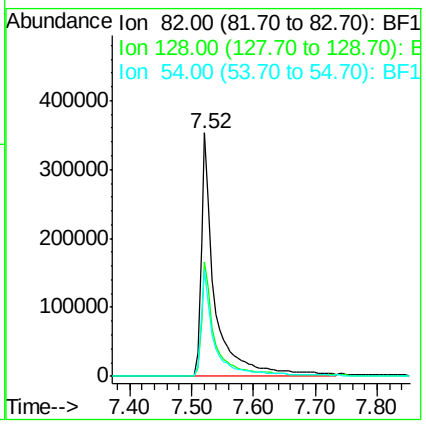


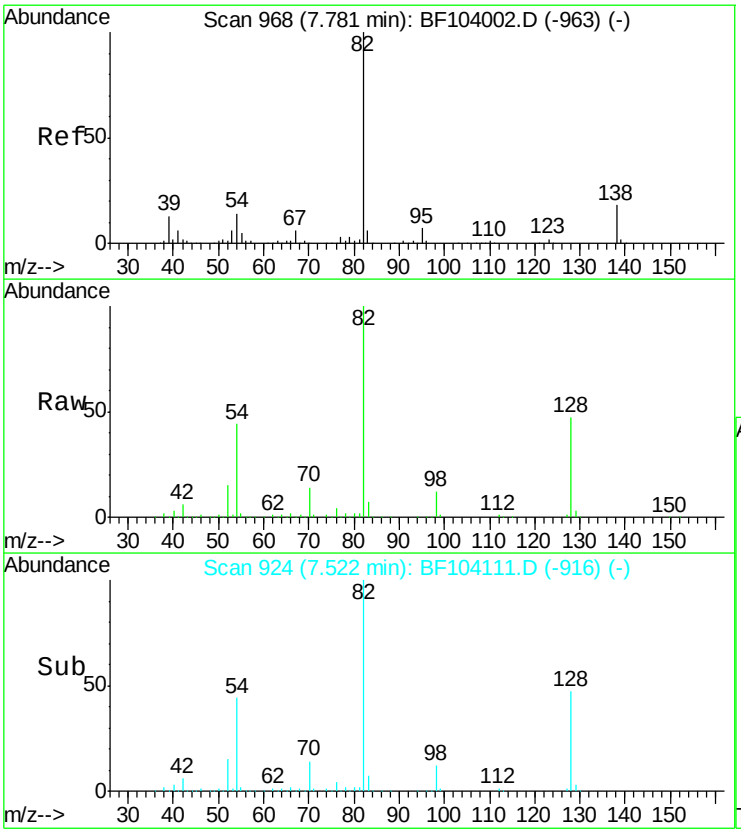
#23
Nitrobenzene-d5
Concen: 72.801 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 552745

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	43.9	41.4	62.2

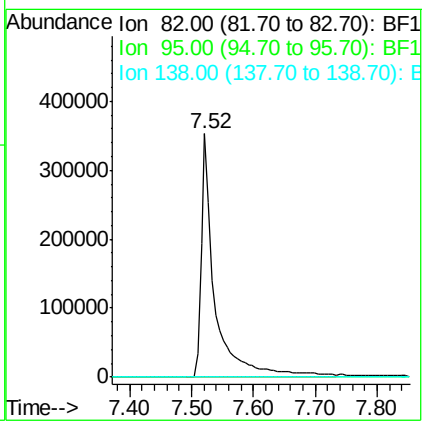


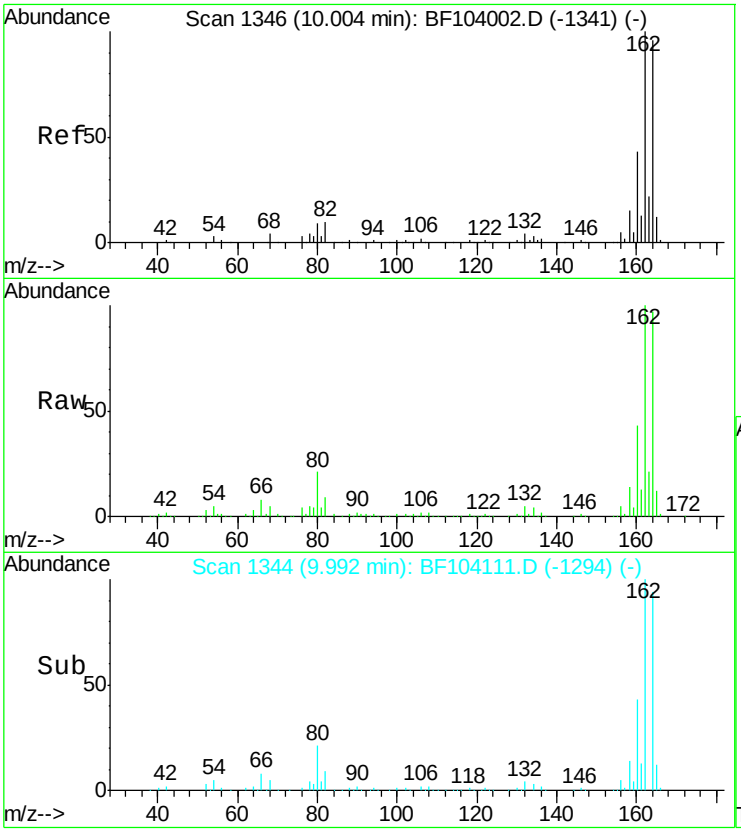


#25
Isophorone
Concen: 39.504 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Tgt Ion: 82 Resp: 552745

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



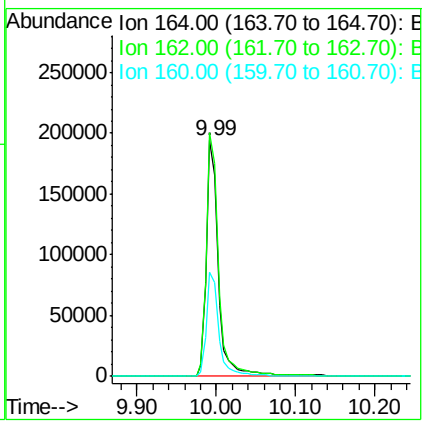


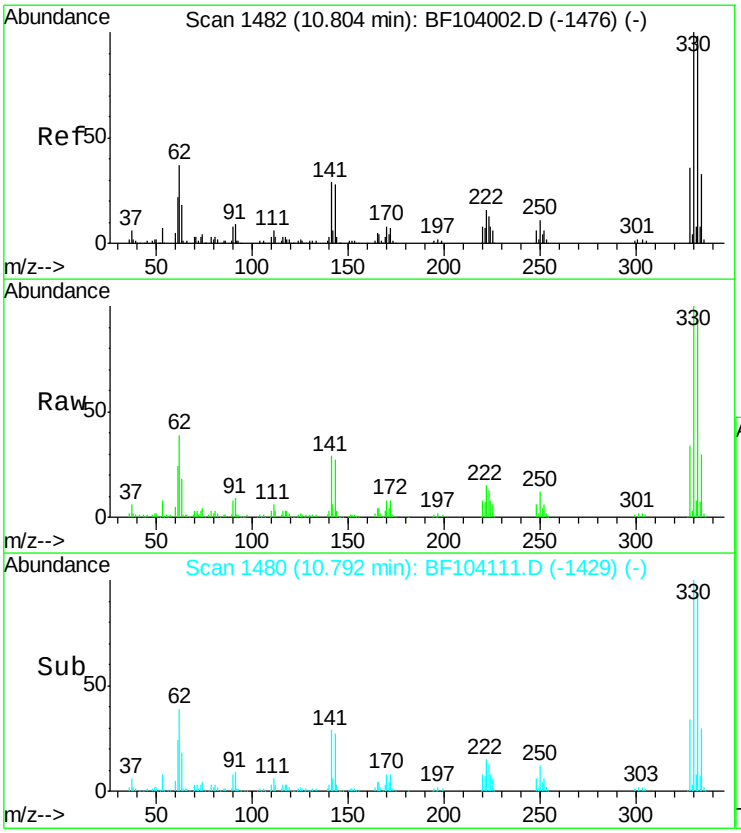
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 207966

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	44.2	38.3	57.5

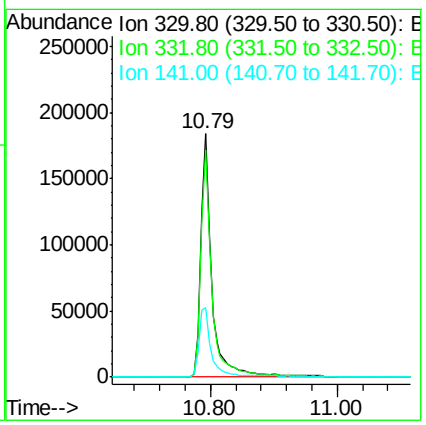


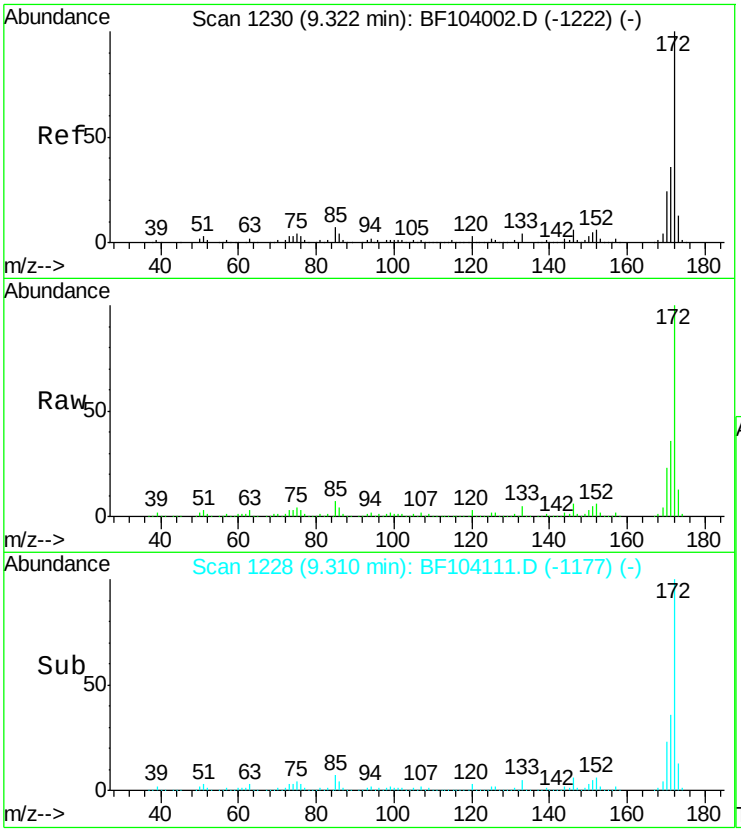


#41
2,4,6-Tribromophenol
Concen: 95.893 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Tgt Ion:330 Resp: 222060

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	32.4	29.9	44.9



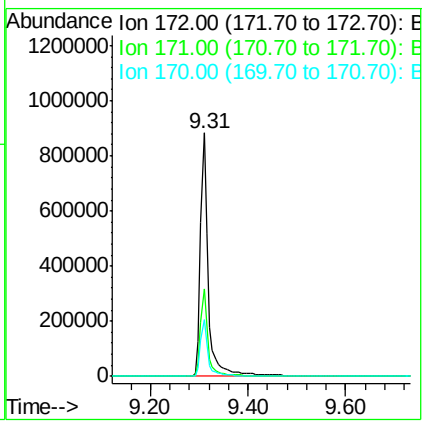


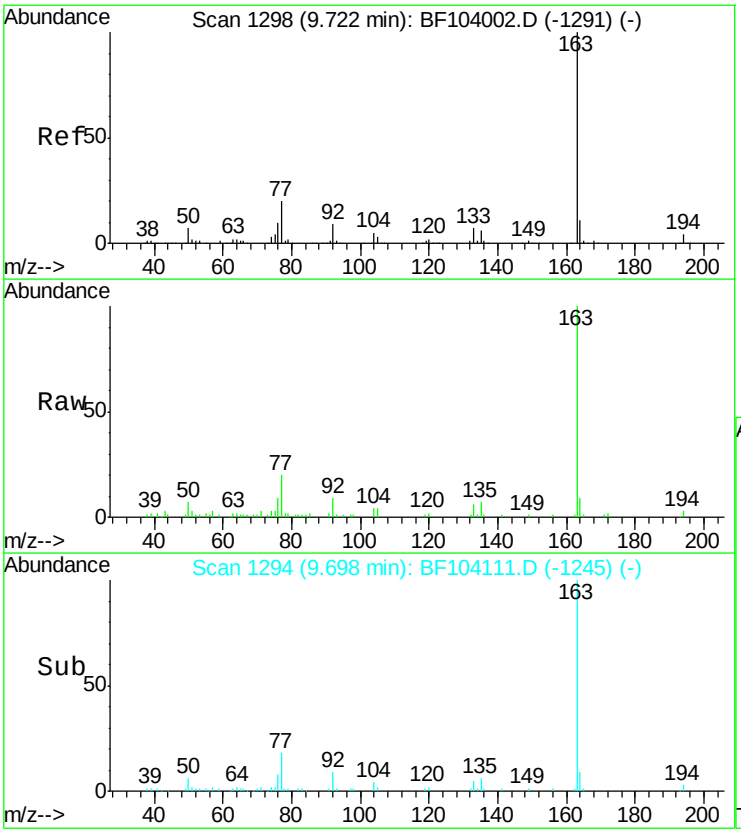
#44
2-Fluorobiphenyl
Concen: 74.449 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 981841

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.2	19.6	29.4

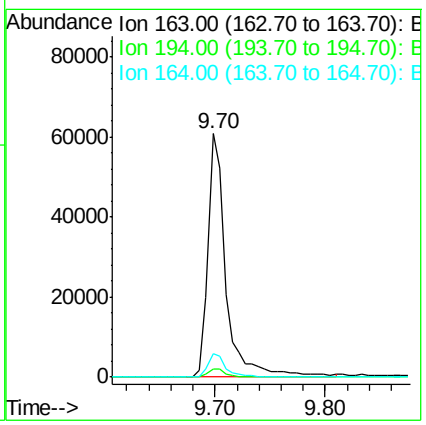


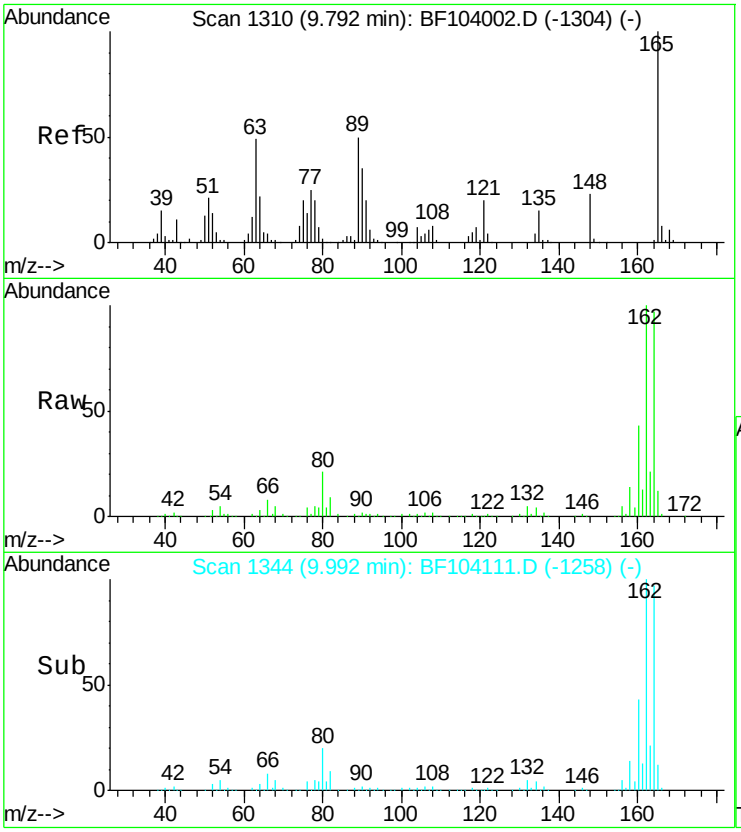


#49
Dimethylphthalate
Concen: 4.135 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Tgt Ion:163 Resp: 67903

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.4	8.2	12.2



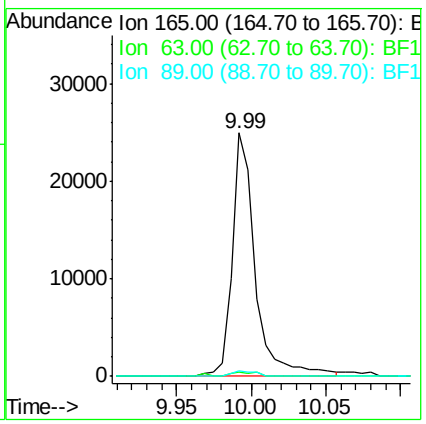


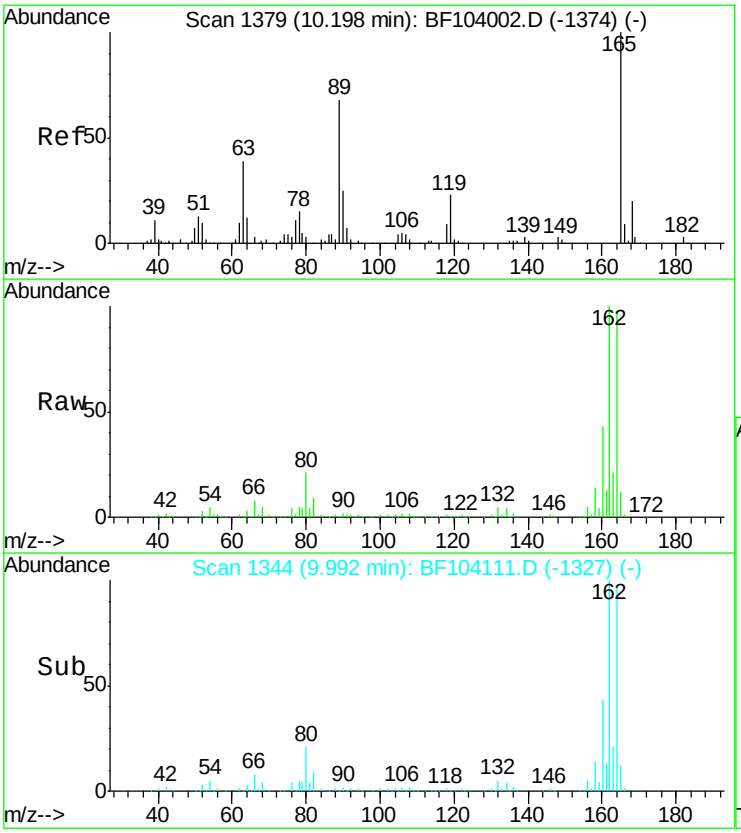
#50
2,6-Dinitrotoluene
Concen: 7.665 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.21 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 27078

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	2.3	44.0	66.0#

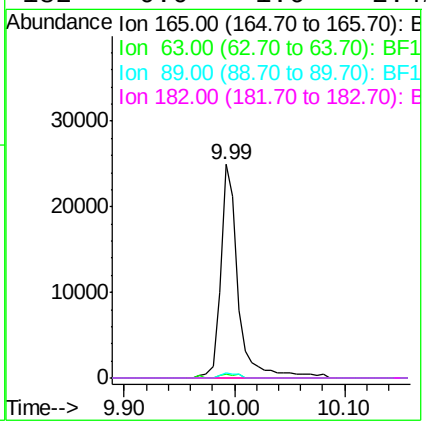


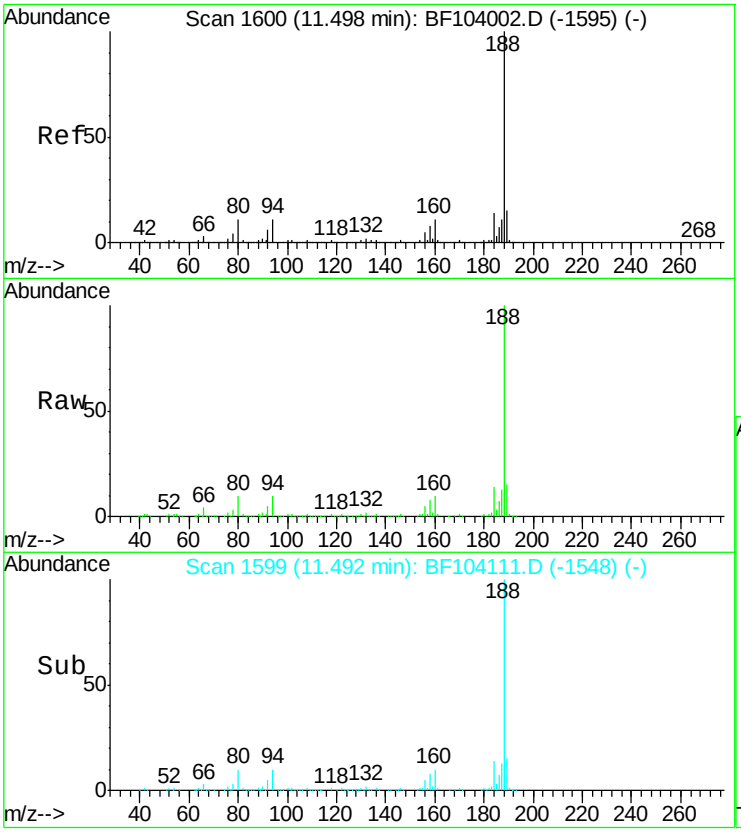


#56
2,4-Dinitrotoluene
Concen: 6.131 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Tgt Ion:165 Resp: 27635

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	2.3	57.8	86.6#
182	0.0	1.6	2.4#



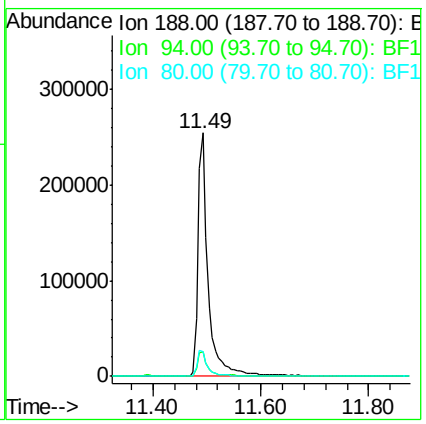


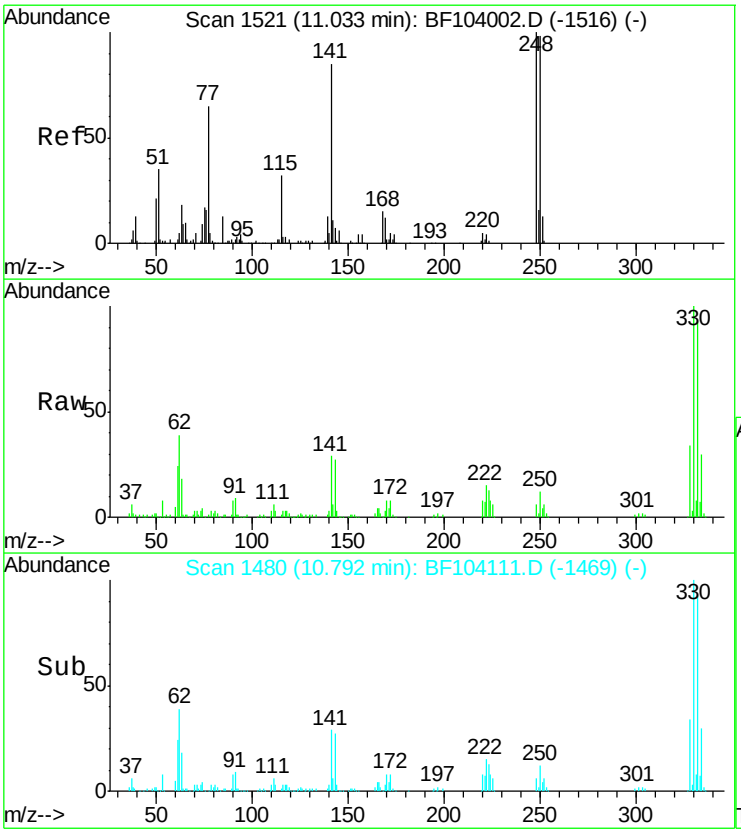
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 333736

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	9.9	9.2	13.8

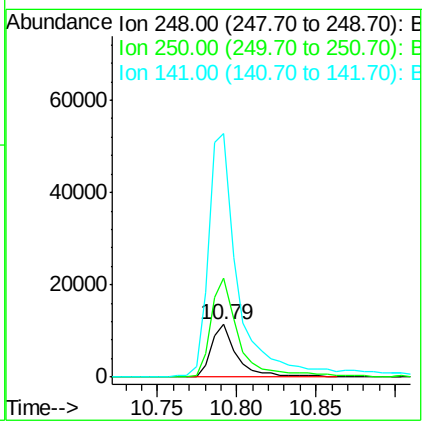


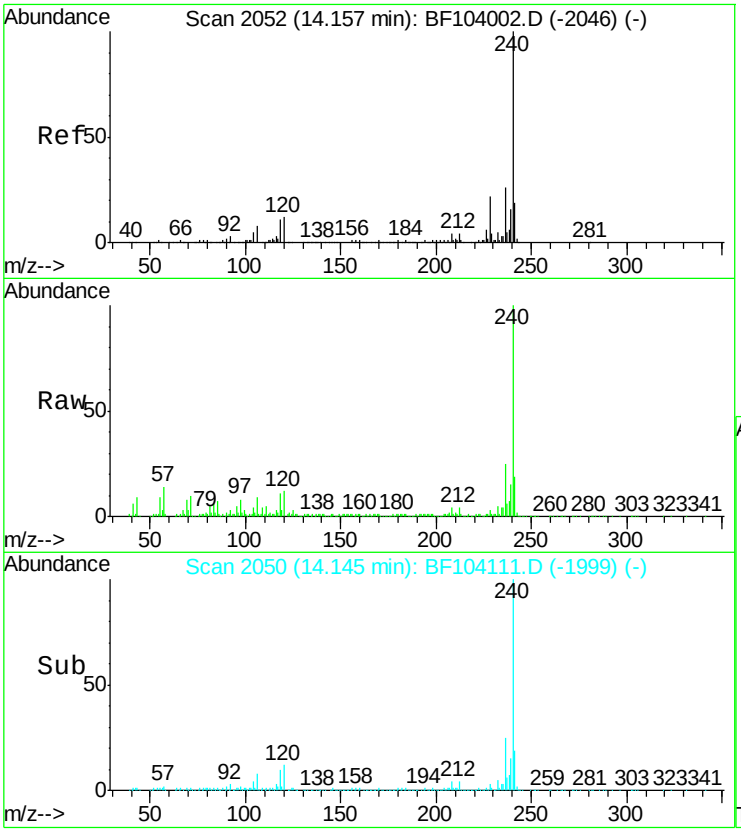


#66
4-Bromophenyl-phenylether
Concen: 3.638 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Tgt Ion:248 Resp: 12990

Ion	Ratio	Lower	Upper
248	100		
250	187.2	76.9	115.3#
141	460.7	74.4	111.6#



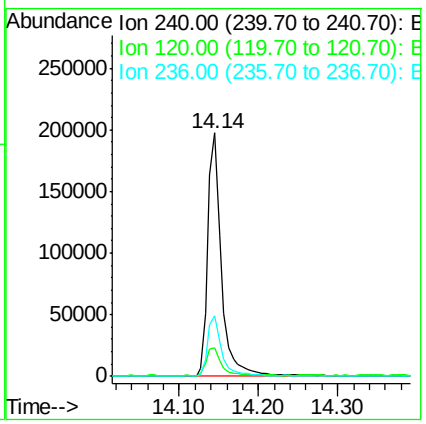


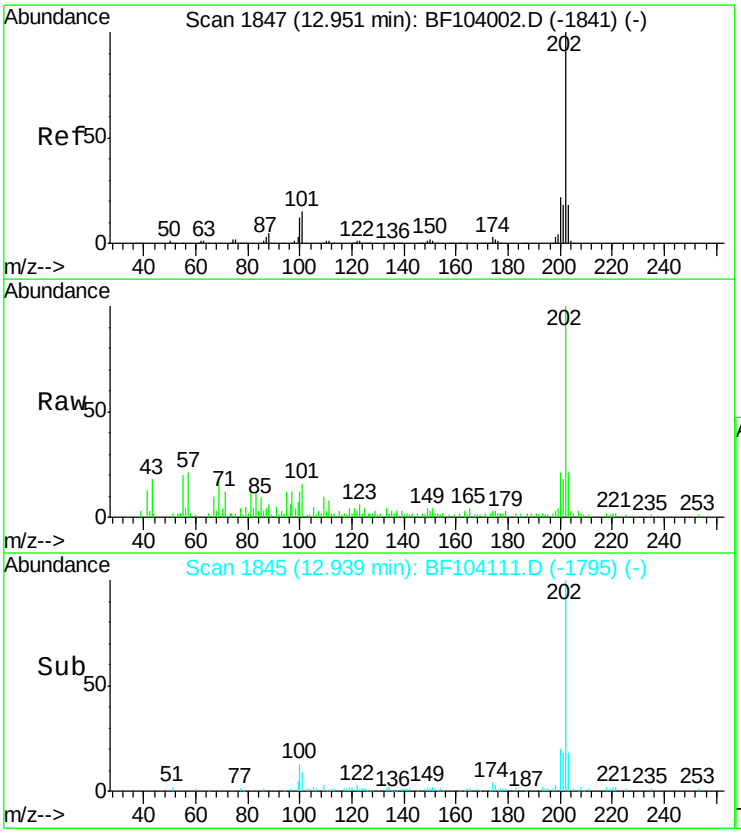
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 238077

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	24.8	20.7	31.1

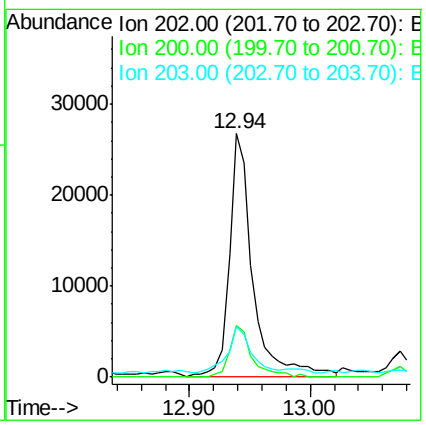


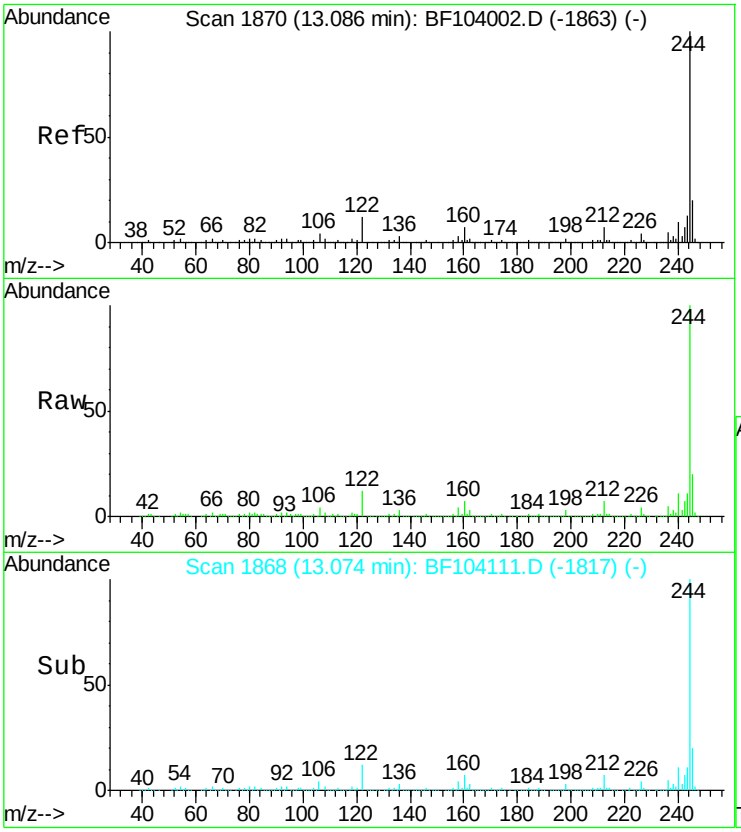


#77
Pyrene
Concen: 2.117 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Tgt Ion:202 Resp: 36234

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	20.6	14.3	21.5



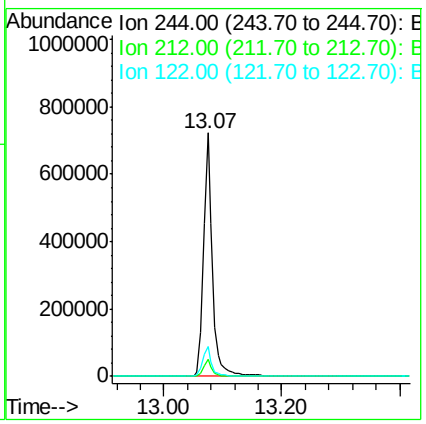


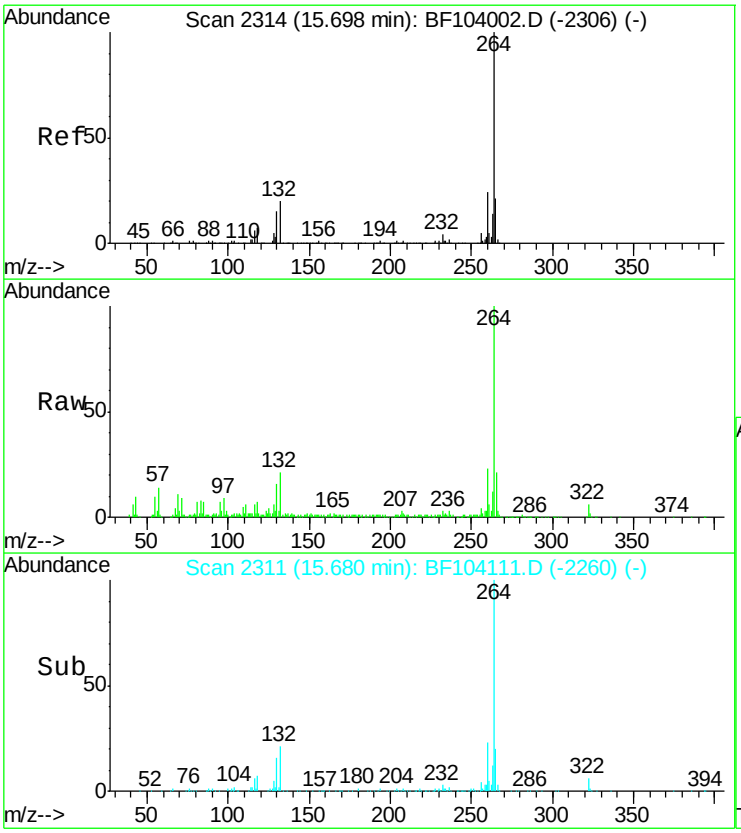
#78
Terphenyl-d14
Concen: 73.361 ng
RT: 13.07 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 756431

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.3	11.0	16.4

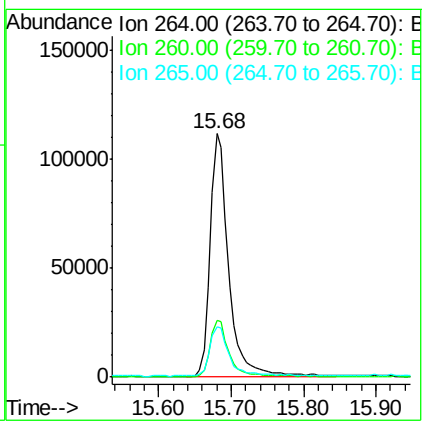


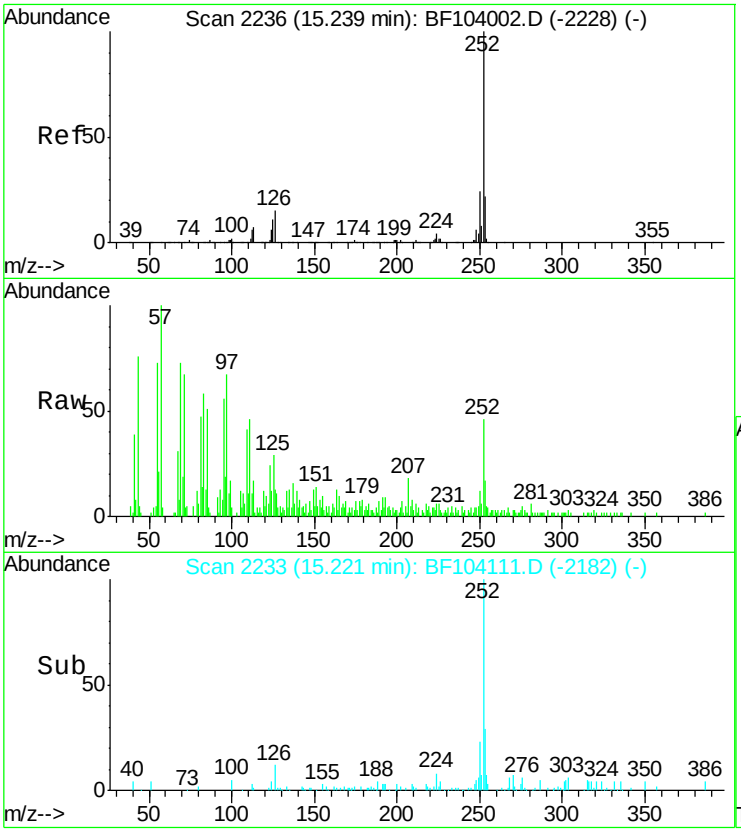


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Tgt Ion:264 Resp: 200317

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.9	17.5	26.3



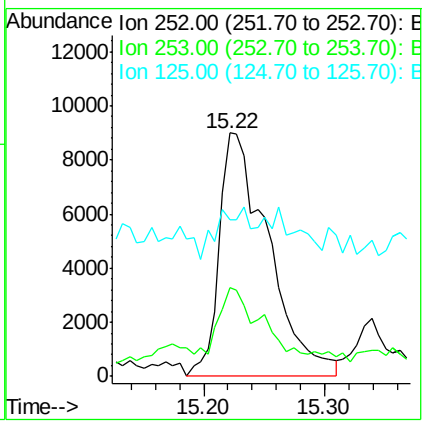


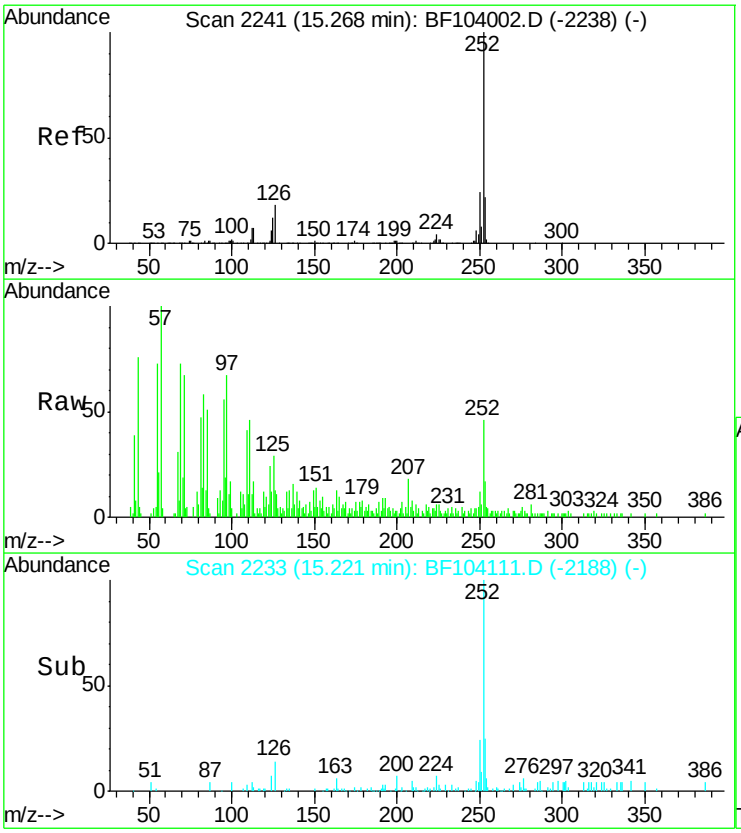
#87
Benzo(b)fluoranthene
Concen: 2.093 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 25520

Ion	Ratio	Lower	Upper
252	100		
253	36.7	17.0	25.6#
125	64.2	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.222 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.04 min
Lab File: BF104111.D
Acq: 30 Mar 2018 23:32

Tgt Ion:252 Resp: 25520

Ion	Ratio	Lower	Upper
252	100		
253	36.7	17.9	26.9#
125	64.2	10.2	15.2#