Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
Data File : BF106311.D
Acq On : 11 Jun 2018 22:42
Operator : JU/SJ
Sample : J3347-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-11-12

Quant Time: Jun 12 01:45:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	197050	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	698918	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	278378	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	471327	20.00	ng	0.00
75) Chrysene-d12	14.15	240	513010	20.00	ng	-0.01
86) Perylene-d12	15.68	264	388070	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1001094	85.99	ng	0.00
7) Phenol-d6	6.59	99	1279874	87.01	ng	0.00
23) Nitrobenzene-d5	7.53	82	794144	66.84	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	271412	101.33	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1224964	75.32	ng	0.00
78) Terphenyl-d14	13.09	244	1256337	60.83	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	110736	10.035	ng	# 75
25) Isophorone	7.53	82	794129	34.222	ng	# 64
32) Benzoic acid	7.92	122	120	7.303	ng	# 1
49) Dimethylphthalate	9.72	163	176602	8.880	ng	98
56) 2,4-Dinitrotoluene	10.01	165	35555	6.969	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.80	198	515	6.471	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	18903	3.526	ng	# 1
74) Fluoranthene	12.71	202	74412	3.023	ng	98
77) Pyrene	12.95	202	89165	2.776	ng	100
87) Benzo(b)fluoranthene	15.22	252	63560	2.709	ng	94
88) Benzo(k)fluoranthene	15.22	252	63560	2.736	ng	94

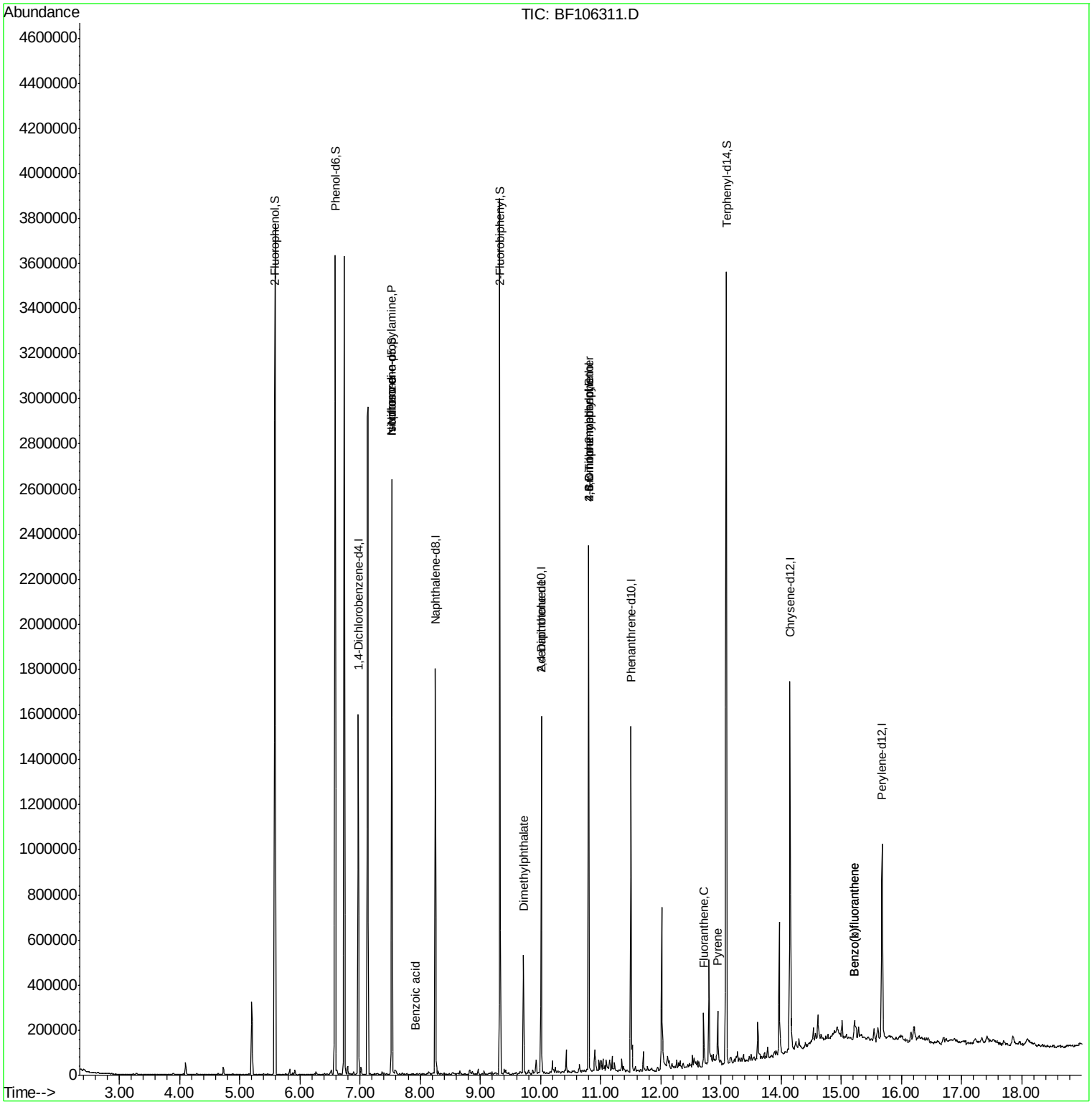
(#) = qualifier out of range (m) = manual integration (+) = signals summed

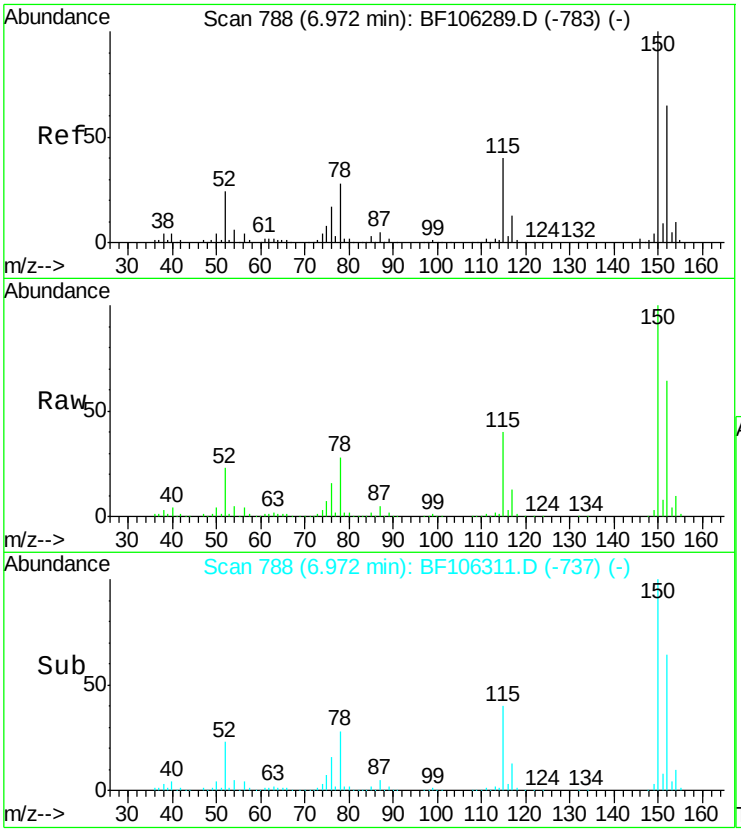
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
Data File : BF106311.D
Acq On : 11 Jun 2018 22:42
Operator : JU/SJ
Sample : J3347-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-11-12

Quant Time: Jun 12 01:45:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration



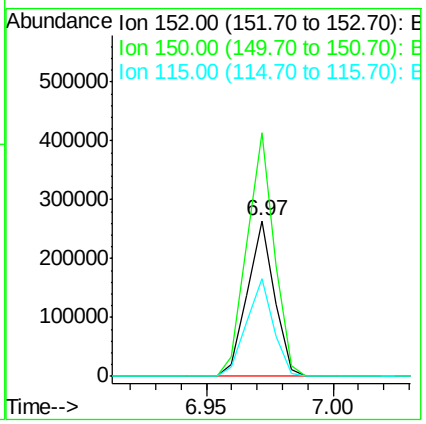


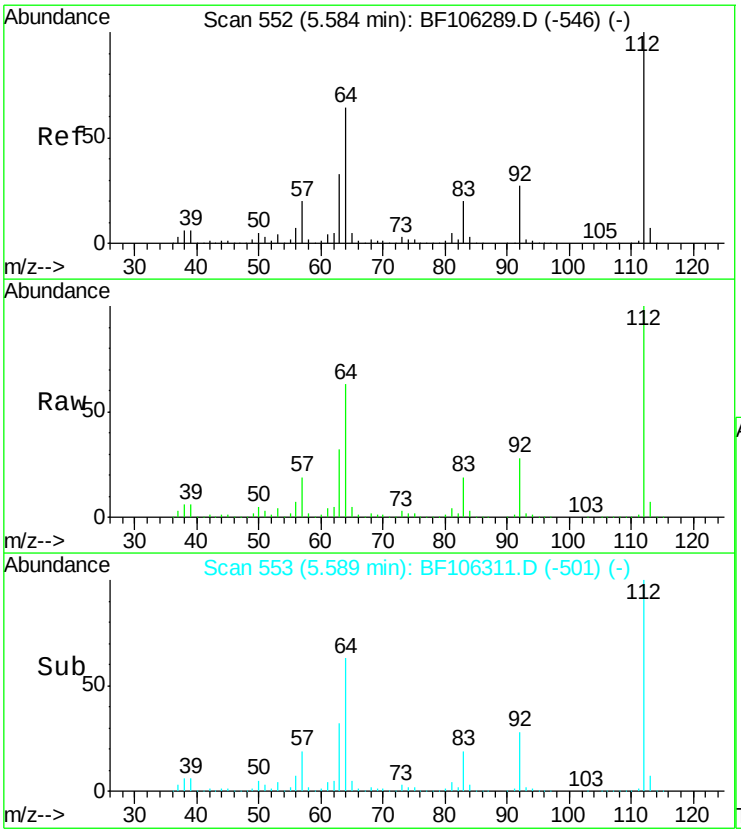
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Instrument :
BNA_F
ClientSampleId :
B-11-12

Tgt Ion:152 Resp: 197050

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	62.7	50.1	75.1

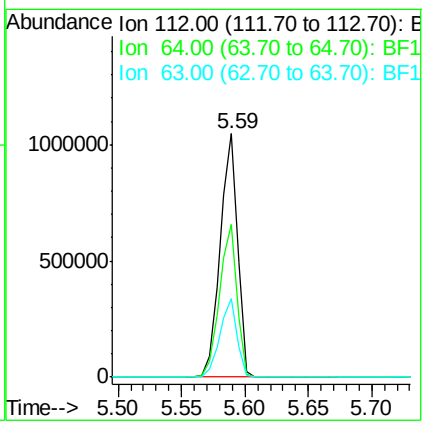


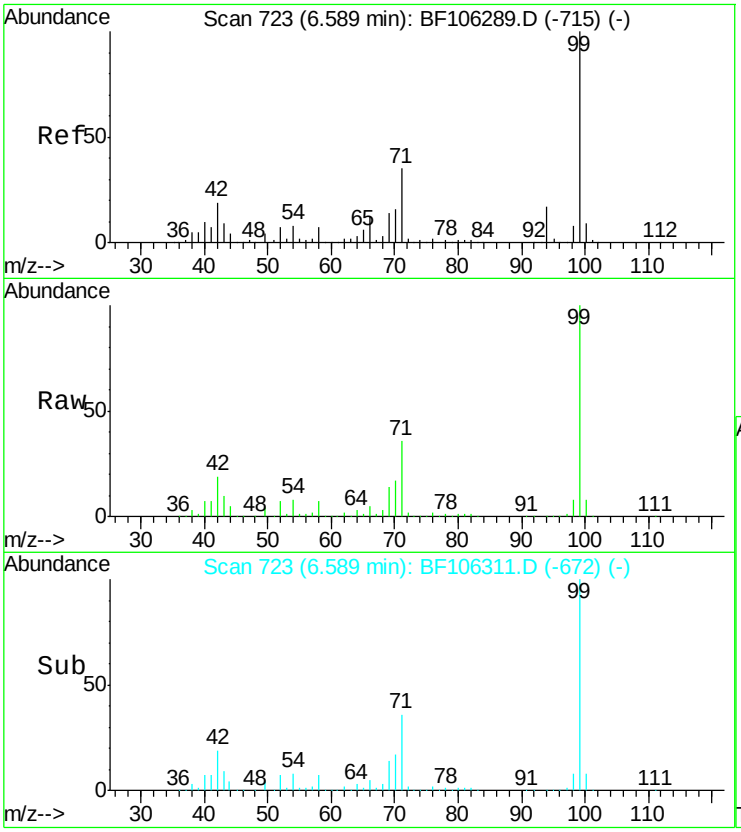


#5
2-Fluorophenol
Concen: 85.986 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Tgt Ion:112 Resp: 1001094

Ion	Ratio	Lower	Upper
112	100		
64	62.6	47.9	71.9
63	32.0	23.7	35.5



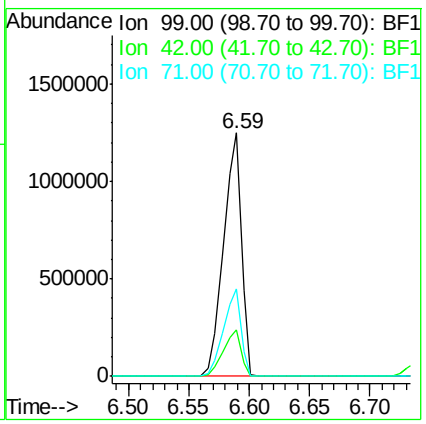


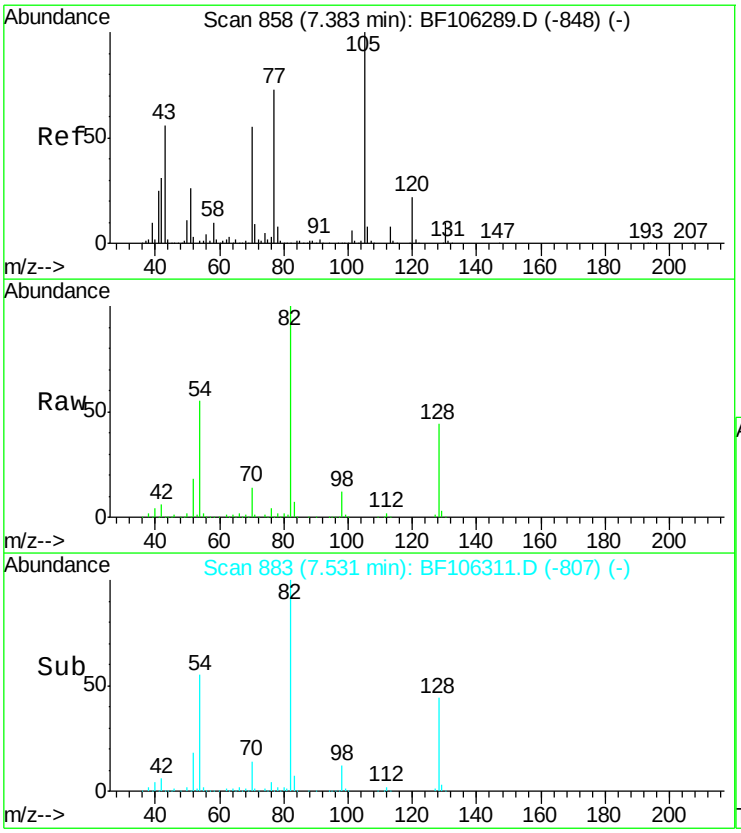
#7
Phenol-d6
Concen: 87.011 ng
RT: 6.59 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Instrument :
BNA_F
ClientSampleId :
B-11-12

Tgt Ion: 99 Resp: 1279874

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	35.7	25.4	38.0

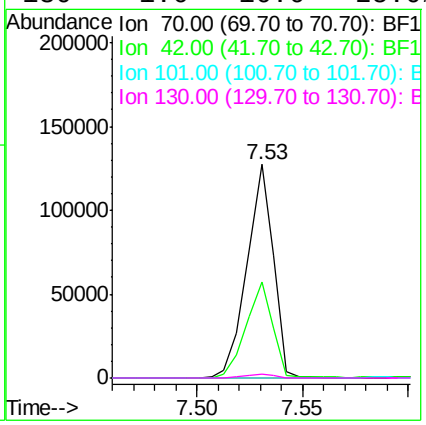


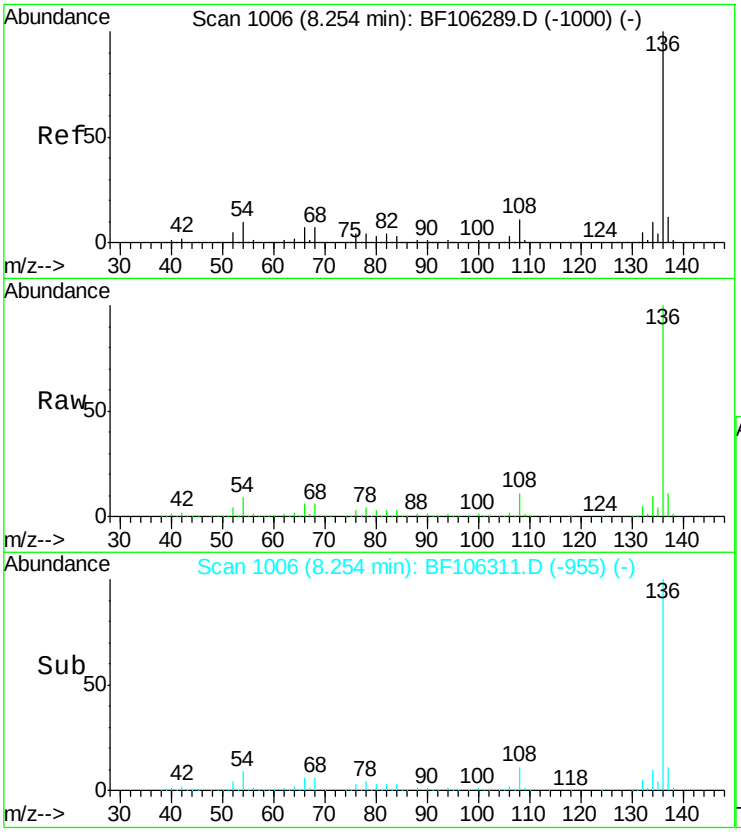


#19
n-Nitroso-di-n-propylamine
Concen: 10.035 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Tgt Ion: 70 Resp: 110736

Ion	Ratio	Lower	Upper
70	100		
42	44.8	47.5	71.3#
101	0.0	7.4	11.2#
130	1.6	16.6	25.0#



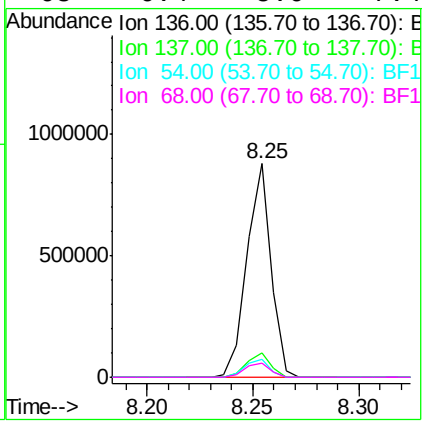


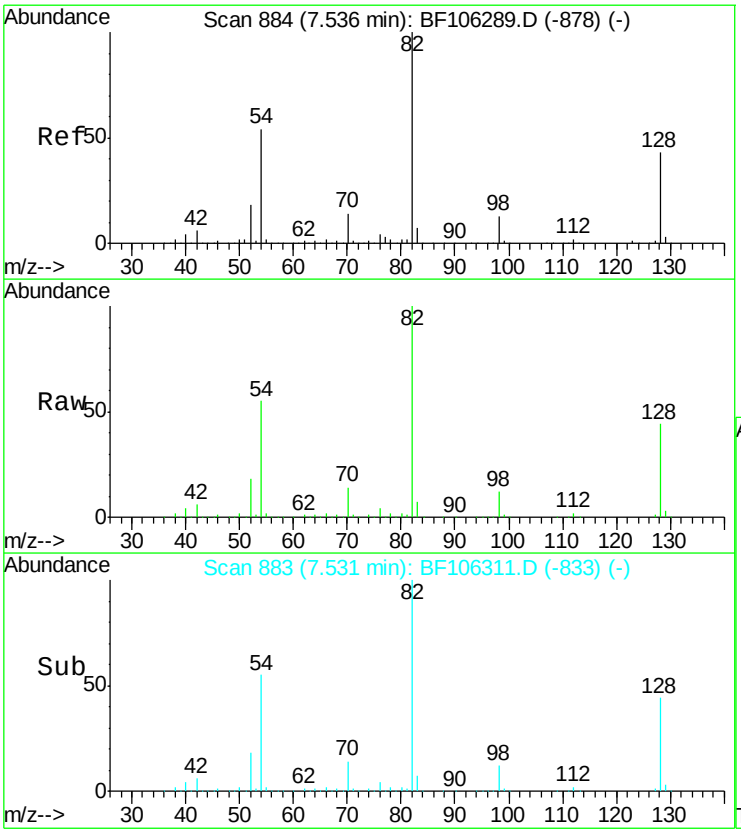
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Instrument :
BNA_F
ClientSampleId :
B-11-12

Tgt Ion:136 Resp: 698918

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.6	6.6	9.8
68	6.4	5.0	7.4

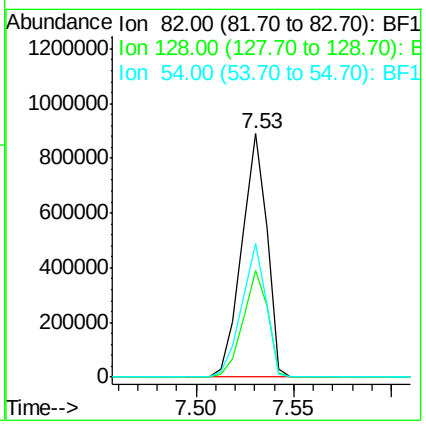


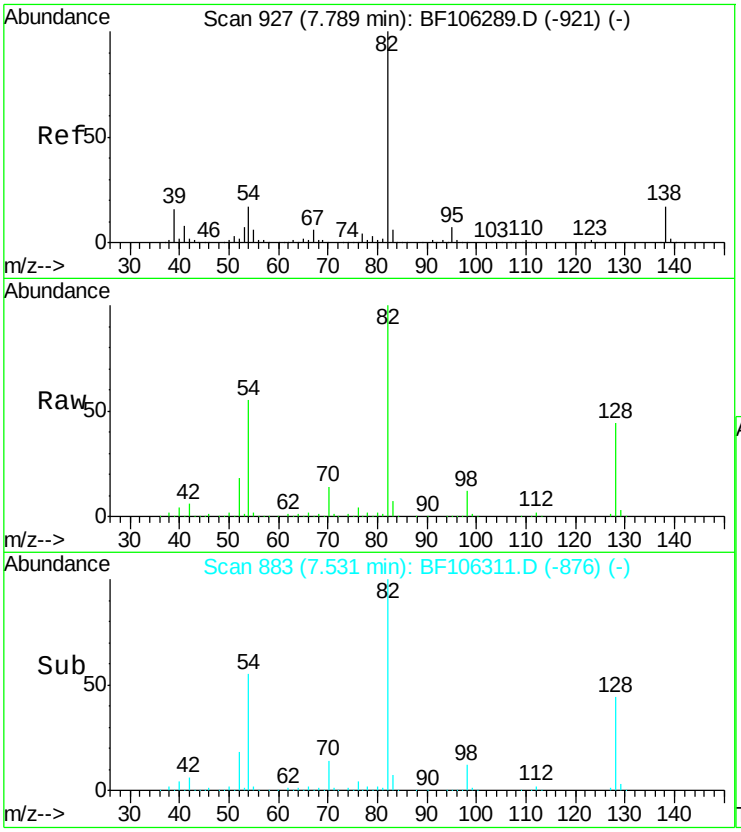


#23
Nitrobenzene-d5
Concen: 66.844 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Tgt Ion: 82 Resp: 794144

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	54.8	41.4	62.2



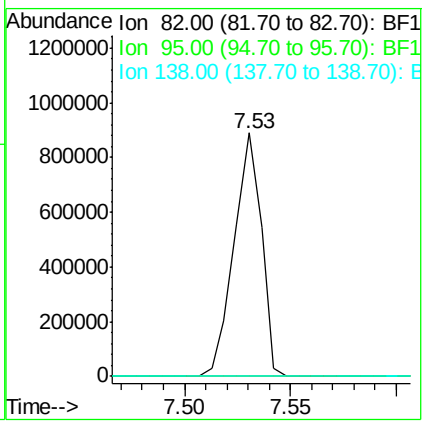


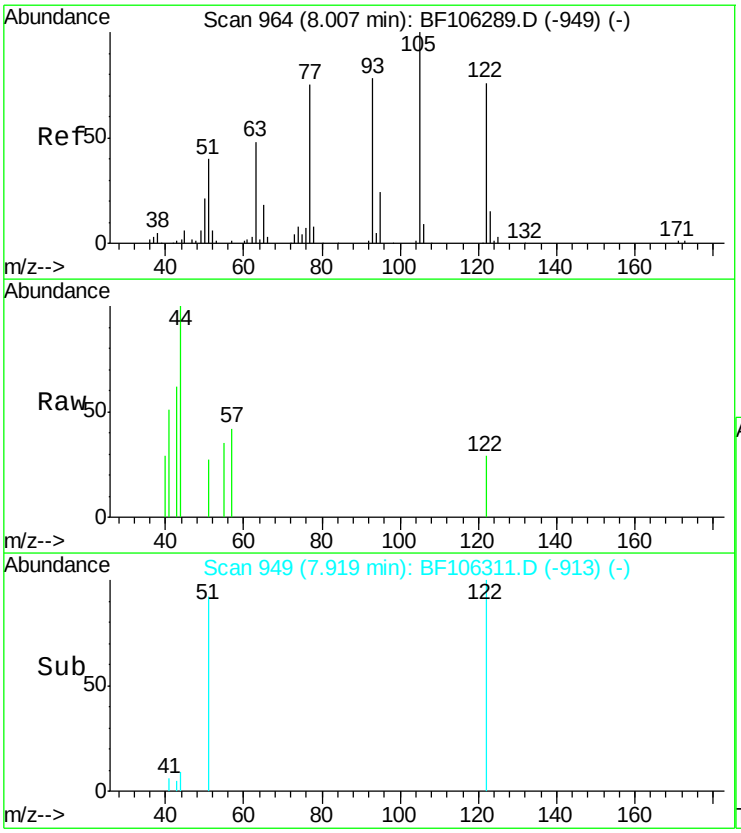
#25
Isophorone
Concen: 34.222 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Instrument :
BNA_F
ClientSampleId :
B-11-12

Tgt Ion: 82 Resp: 794129

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

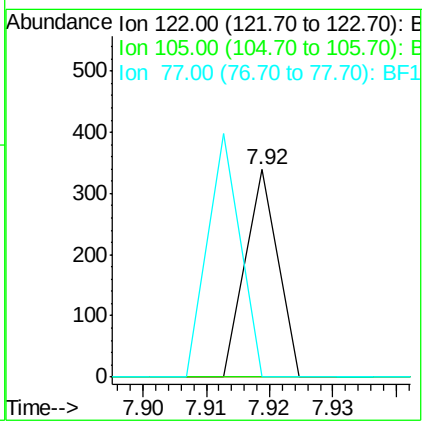


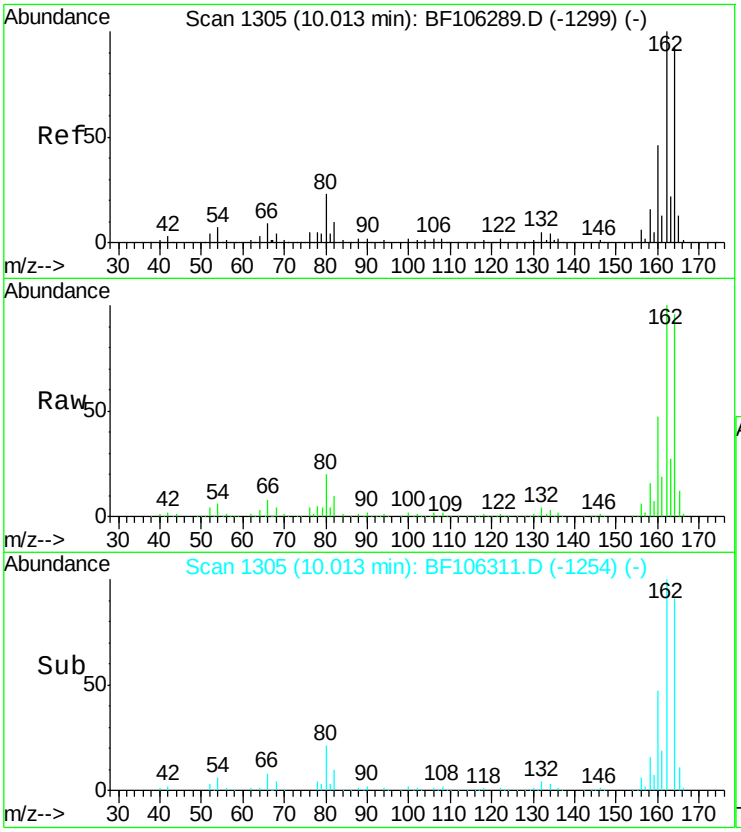


#32
Benzoic acid
Concen: 7.303 ng
RT: 7.92 min Scan# 949
Delta R.T. -0.09 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Tgt Ion:122 Resp: 120

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#



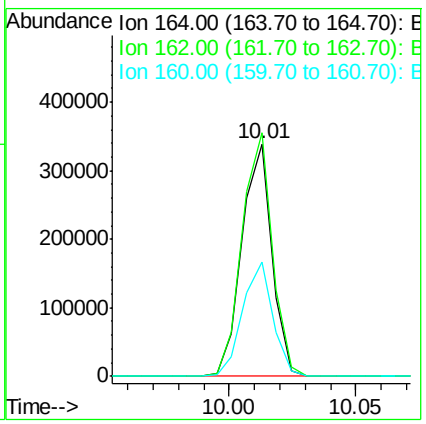


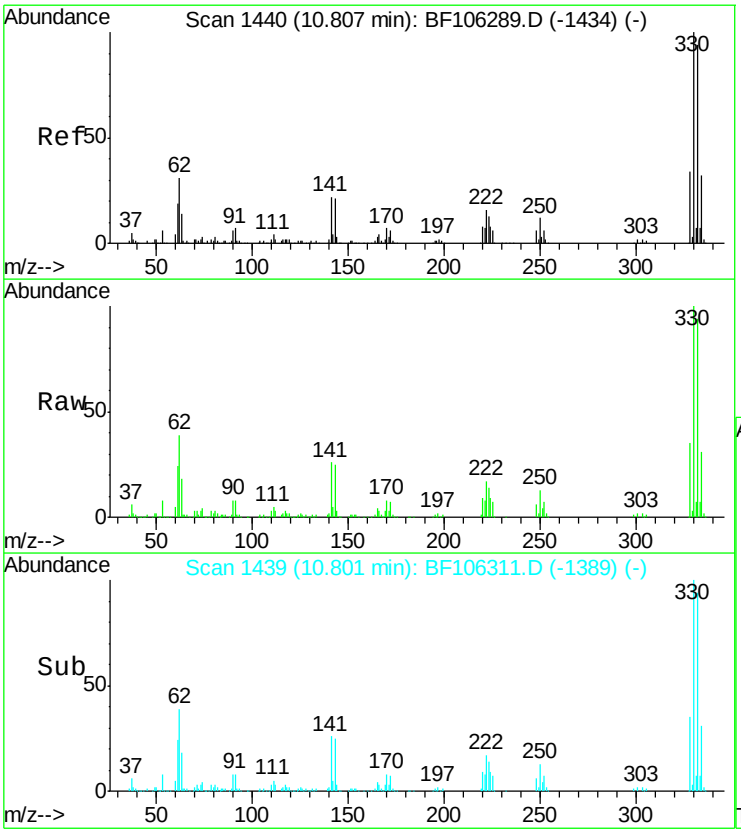
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Instrument :
BNA_F
ClientSampleId :
B-11-12

Tgt Ion:164 Resp: 278378

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	49.2	38.3	57.5

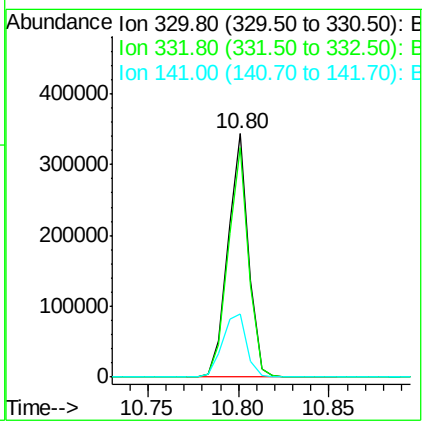


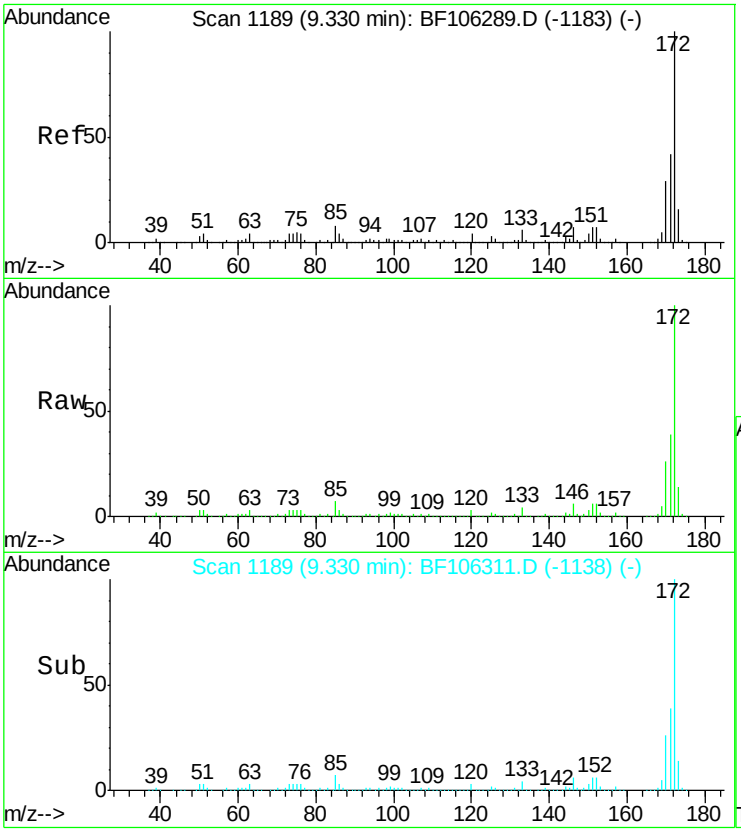


#41
2,4,6-Tribromophenol
Concen: 101.331 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Tgt Ion:330 Resp: 271412

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	31.1	29.9	44.9



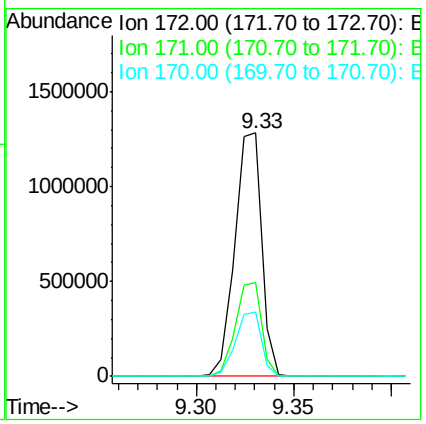


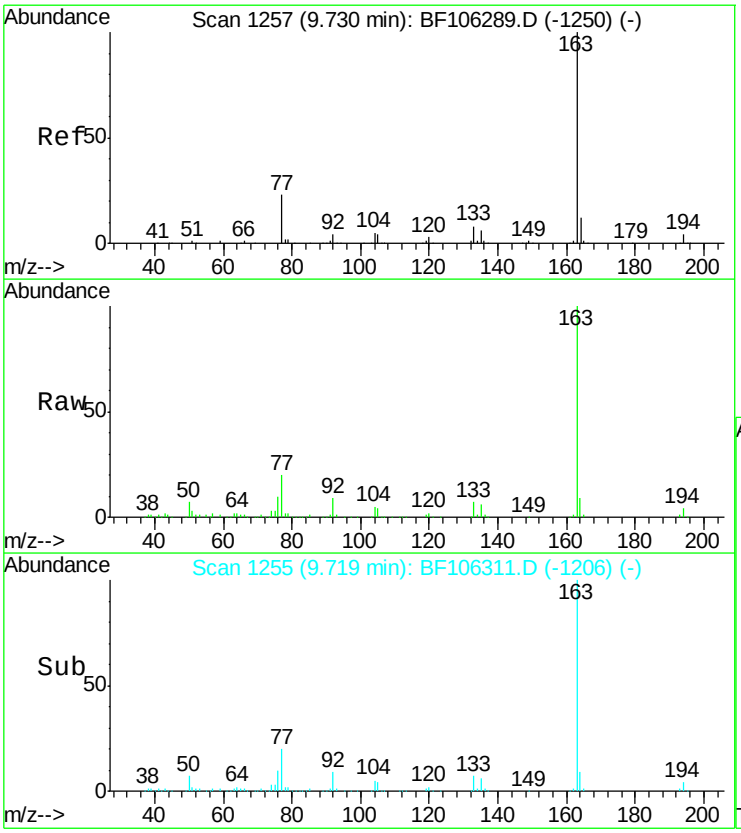
#44
2-Fluorobiphenyl
Concen: 75.317 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Instrument :
BNA_F
ClientSampleId :
B-11-12

Tgt Ion:172 Resp: 1224964

Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.7	44.5
170	26.3	19.6	29.4

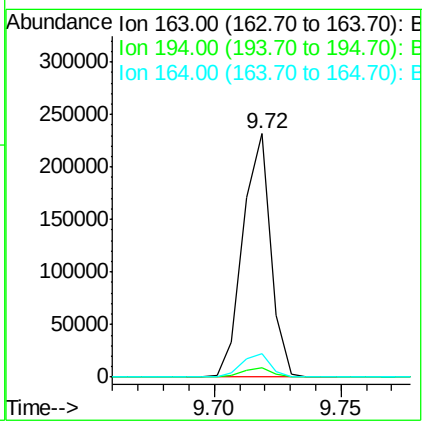


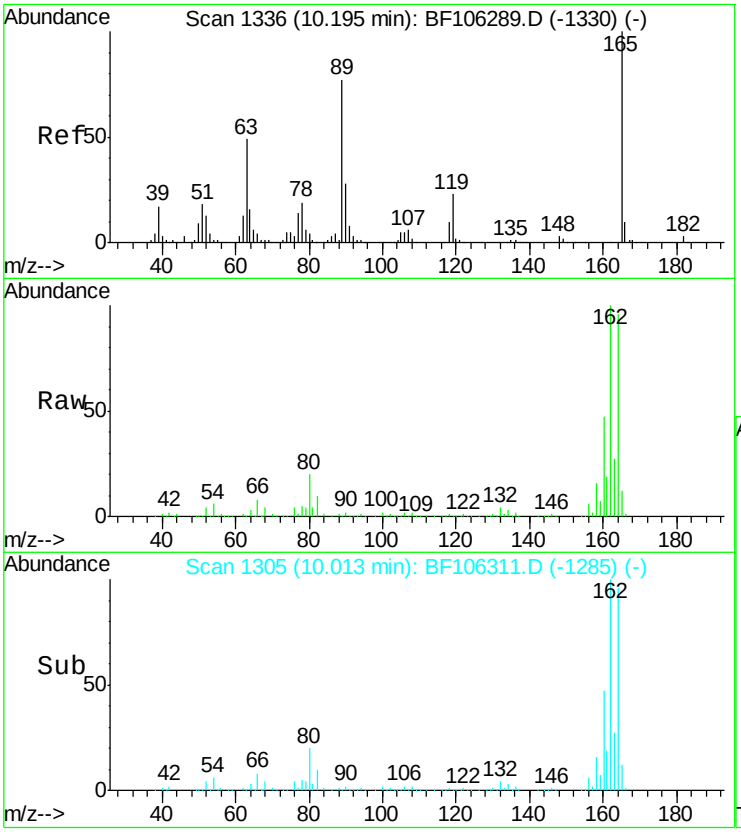


#49
Dimethylphthalate
Concen: 8.880 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Tgt Ion:163 Resp: 176602

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.4	8.2	12.2



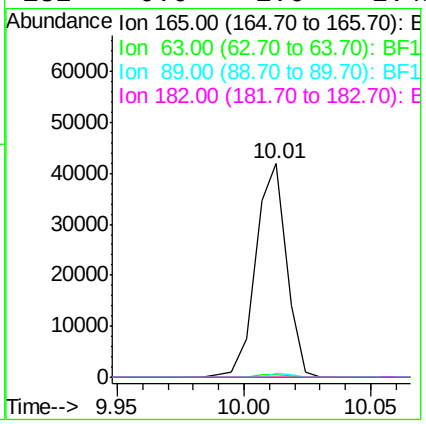


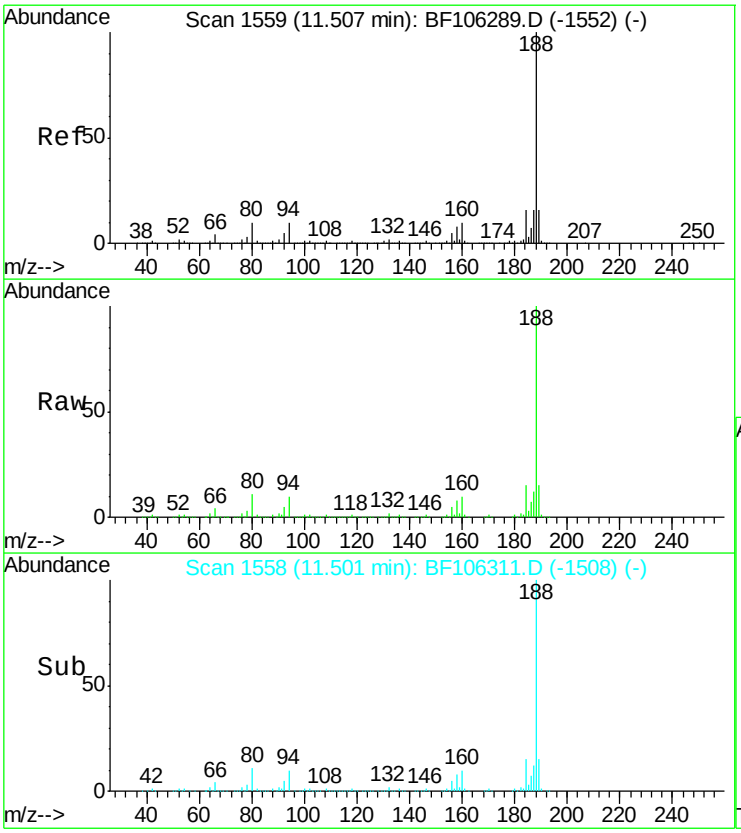
#56
2,4-Dinitrotoluene
Concen: 6.969 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.18 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Instrument :
BNA_F
ClientSampleId :
B-11-12

Tgt Ion:165 Resp: 35555

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

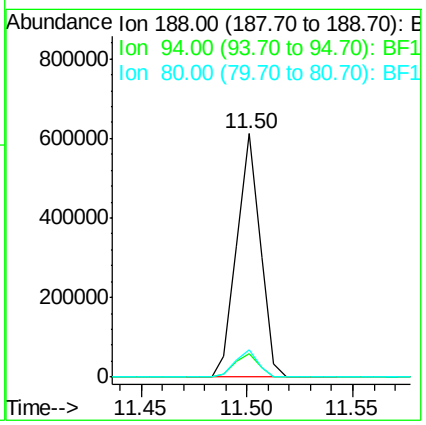


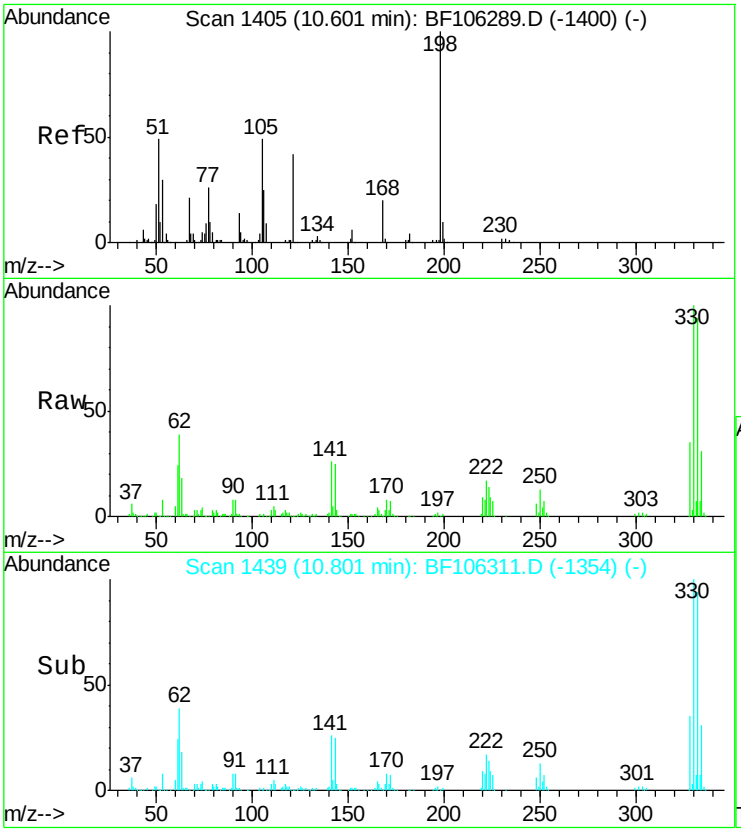


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Tgt Ion:188 Resp: 471327

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	11.1	9.2	13.8



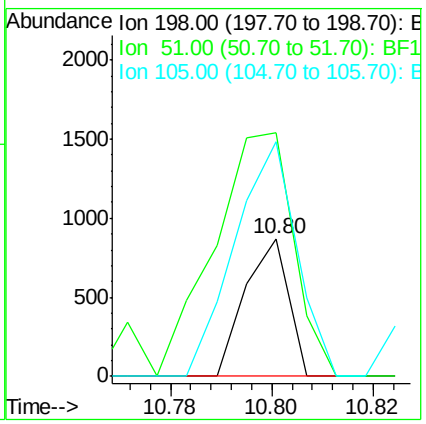


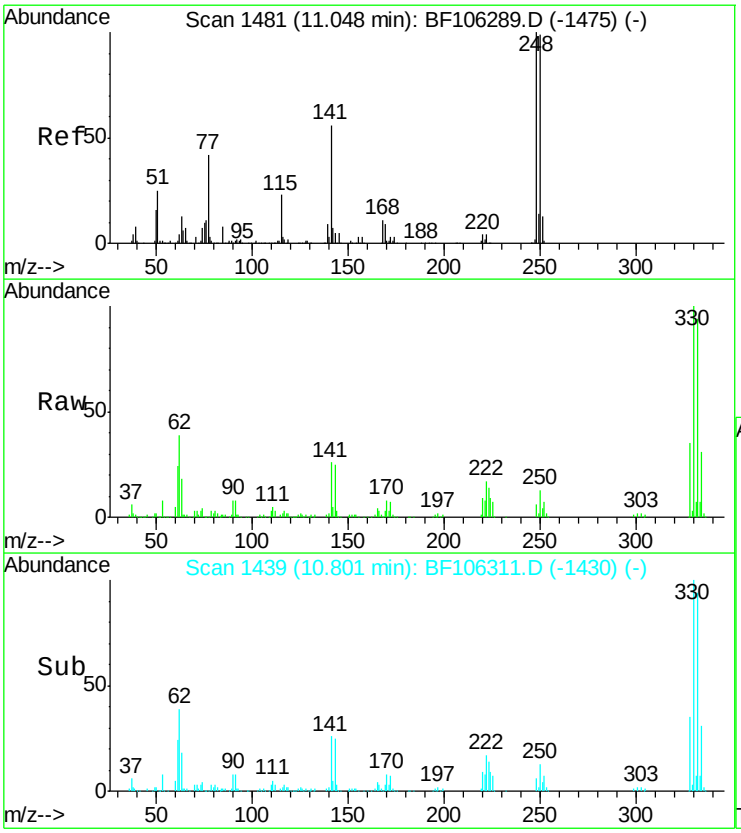
#64
4,6-Dinitro-2-methylphenol
Concen: 6.471 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Instrument :
BNA_F
ClientSampleId :
B-11-12

Tgt Ion:198 Resp: 515

Ion	Ratio	Lower	Upper
198	100		
51	176.6	37.7	77.7#
105	169.8	36.3	76.3#

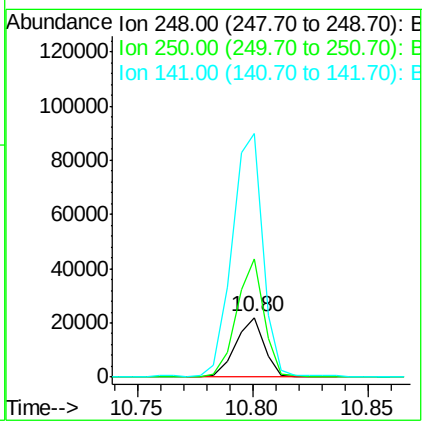


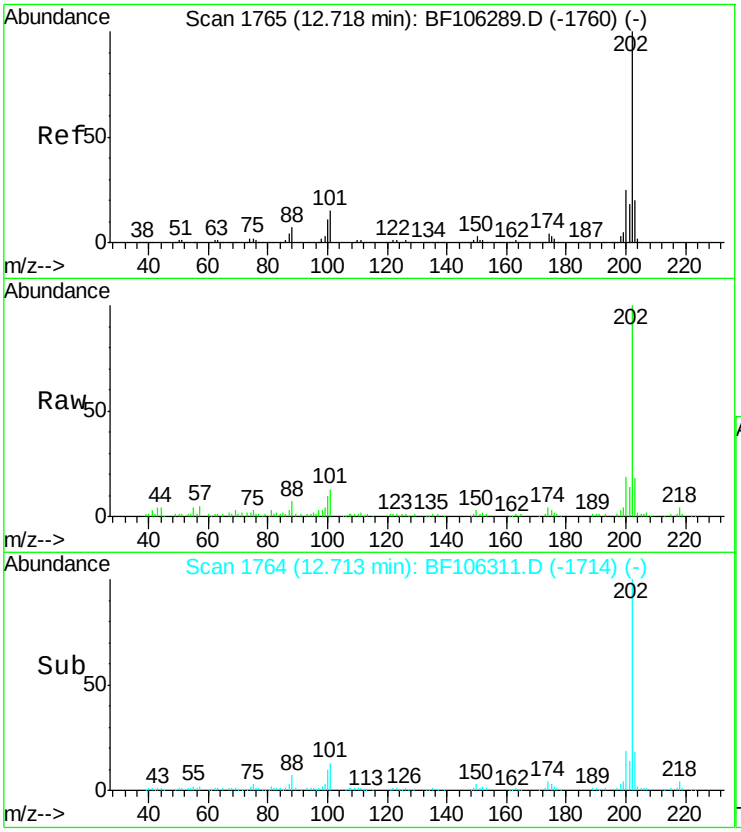


#66
4-Bromophenyl-phenylether
Concen: 3.526 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Tgt Ion:248 Resp: 18903

Ion	Ratio	Lower	Upper
248	100		
250	199.2	76.9	115.3#
141	409.1	74.4	111.6#



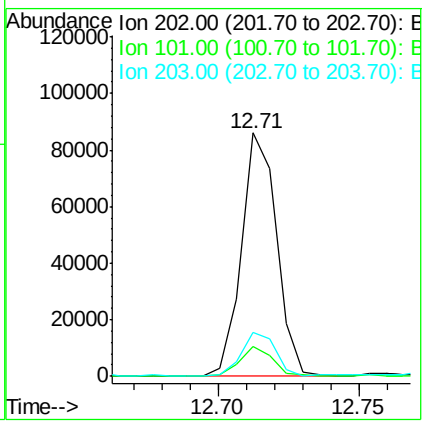


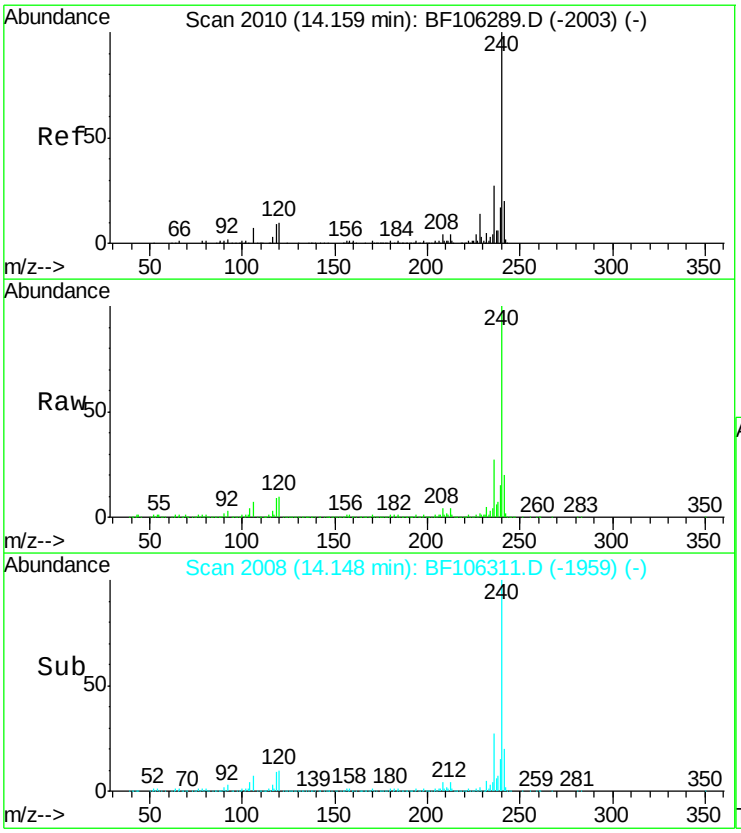
#74
Fluoranthene
Concen: 3.023 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Instrument :
BNA_F
ClientSampleId :
B-11-12

Tgt Ion:202 Resp: 74412

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	18.2	0.0	38.1

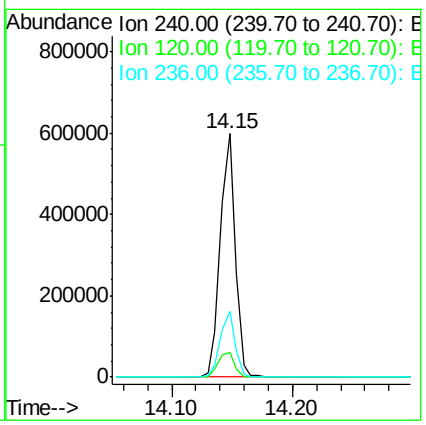


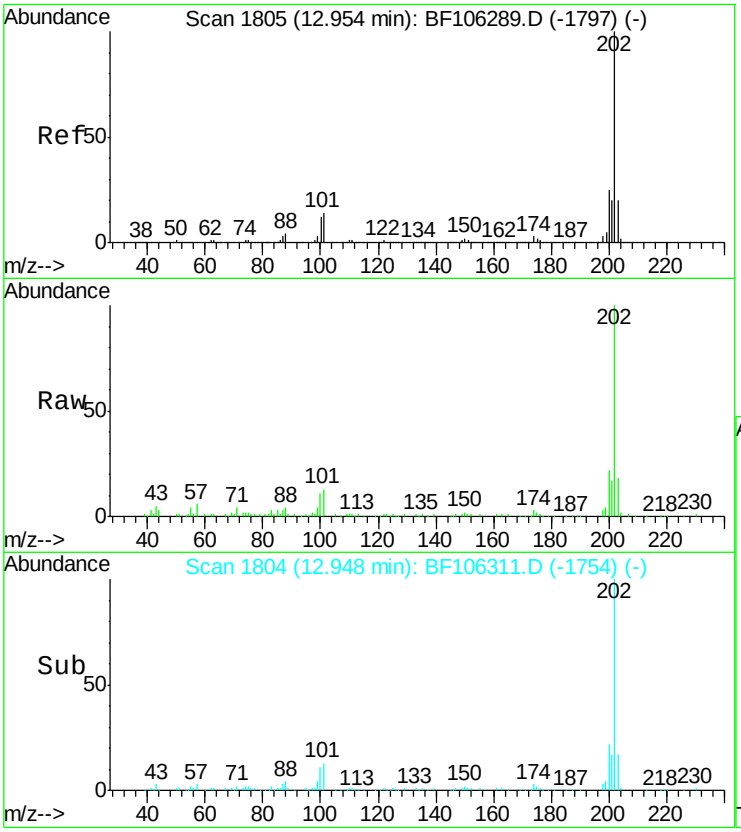


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Tgt Ion:240 Resp: 513010

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	27.2	20.7	31.1



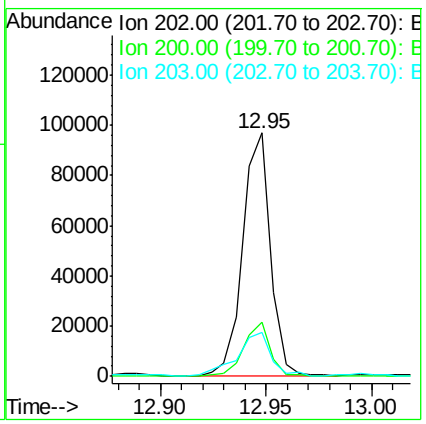


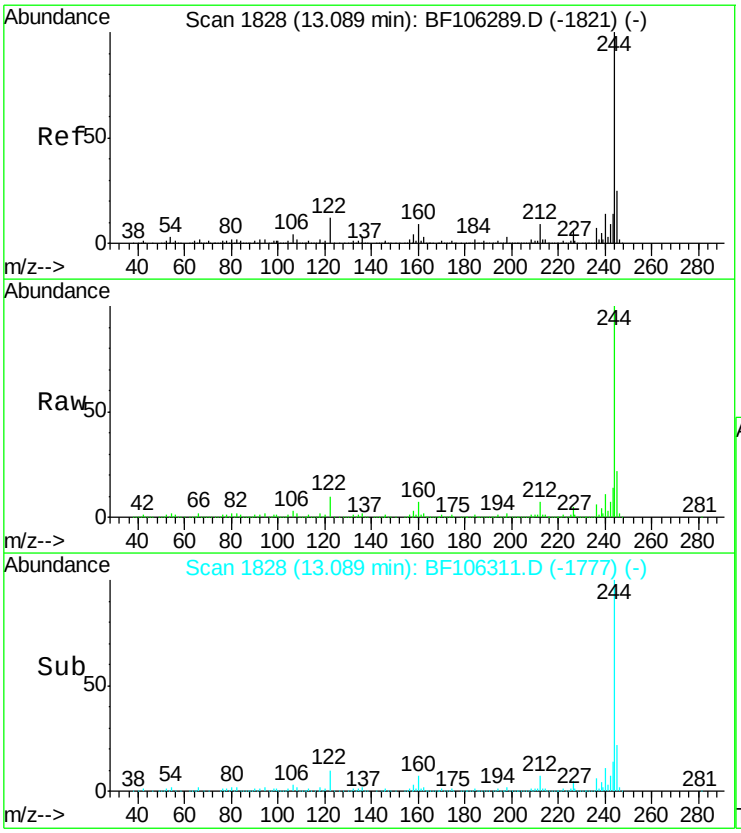
#77
Pyrene
Concen: 2.776 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Instrument :
BNA_F
ClientSampleId :
B-11-12

Tgt Ion:202 Resp: 89165

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.9	14.3	21.5

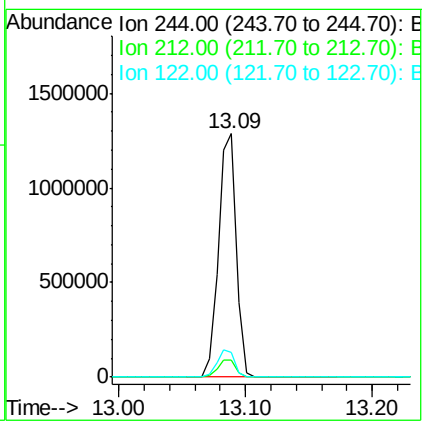


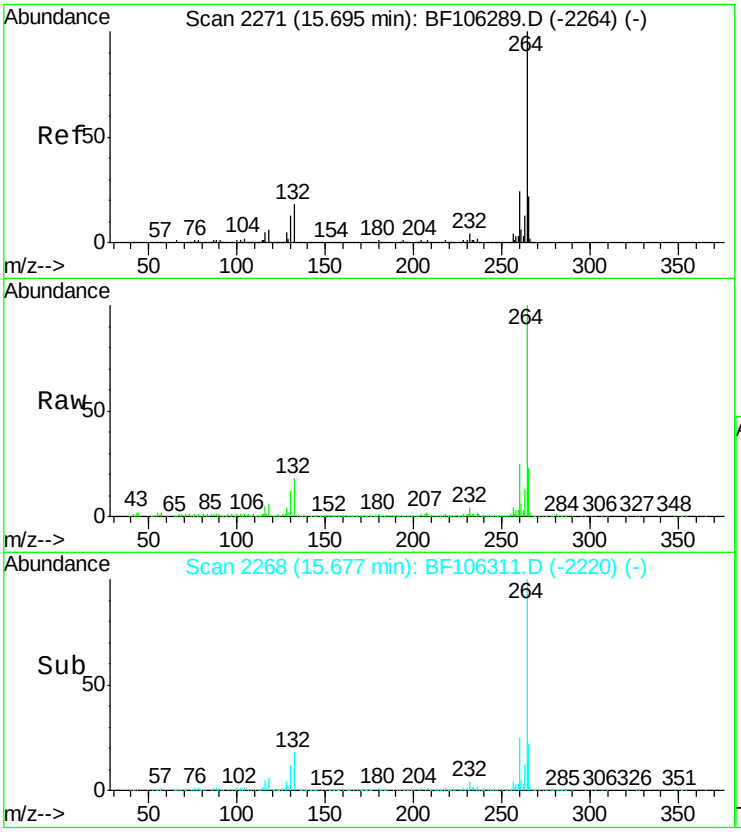


#78
Terphenyl-d14
Concen: 60.827 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Tgt Ion:244 Resp: 1256337

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.4	11.0	16.4#



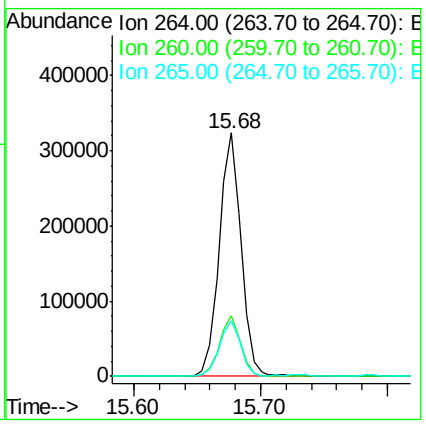


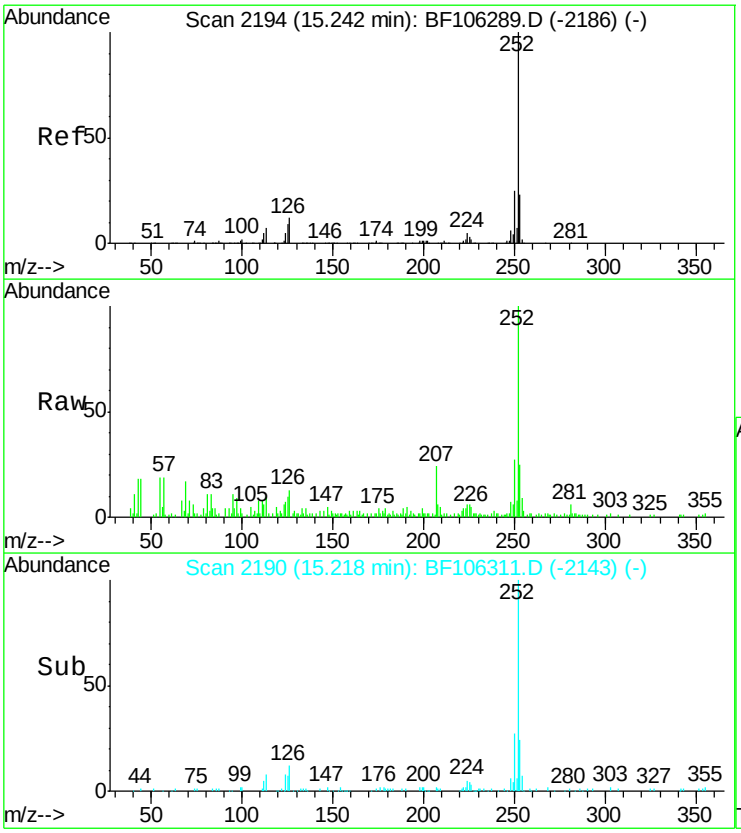
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Instrument :
BNA_F
ClientSampleId :
B-11-12

Tgt Ion:264 Resp: 388070

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.5	17.5	26.3

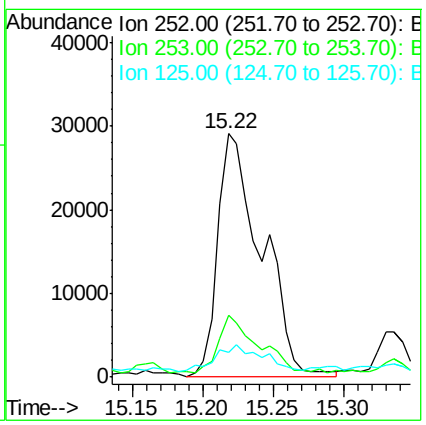


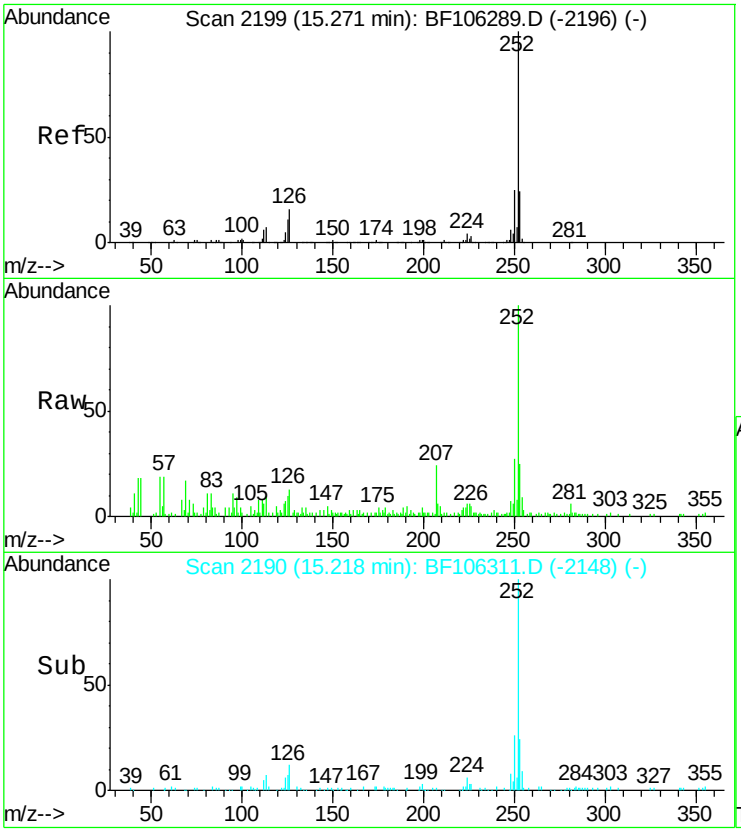


#87
Benzo(b)fluoranthene
Concen: 2.709 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Tgt Ion:252 Resp: 63560

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.0	25.6
125	10.3	9.0	13.6





#88
Benzo(k)fluoranthene
Concen: 2.736 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.05 min
Lab File: BF106311.D
Acq: 11 Jun 2018 22:42

Instrument :
BNA_F
ClientSampleId :
B-11-12

Tgt Ion:252 Resp: 63560

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	10.3	10.2	15.2