Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
Data File : BF106994.D
Acq On : 30 Jun 2018 1:06
Operator : JU/SJ
Sample : J3718-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-1A

Quant Time: Jun 30 01:50:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	74000	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	274307	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	130379	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	229063	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	213509	20.00	ng	-0.03
86) Perylene-d12	15.68	264	174363	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	259371	59.35	ng	-0.01
7) Phenol-d6	6.60	99	202973	37.19	ng	-0.02
23) Nitrobenzene-d5	7.52	82	432513	87.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	204412	135.27	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	780646	104.78	ng	-0.02
78) Terphenyl-d14	13.07	244	820106	93.04	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.73	77	10032	2.189	ng	# 82
19) n-Nitroso-di-n-propylamine	7.52	70	57317	15.933	ng	# 73
25) Isophorone	7.52	82	432506	49.726	ng	# 64
49) Dimethylphthalate	9.70	163	29315	2.998	ng	99
50) 2,6-Dinitrotoluene	9.99	165	16372	7.907	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	16372	6.057	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	12495	4.571	ng	# 1

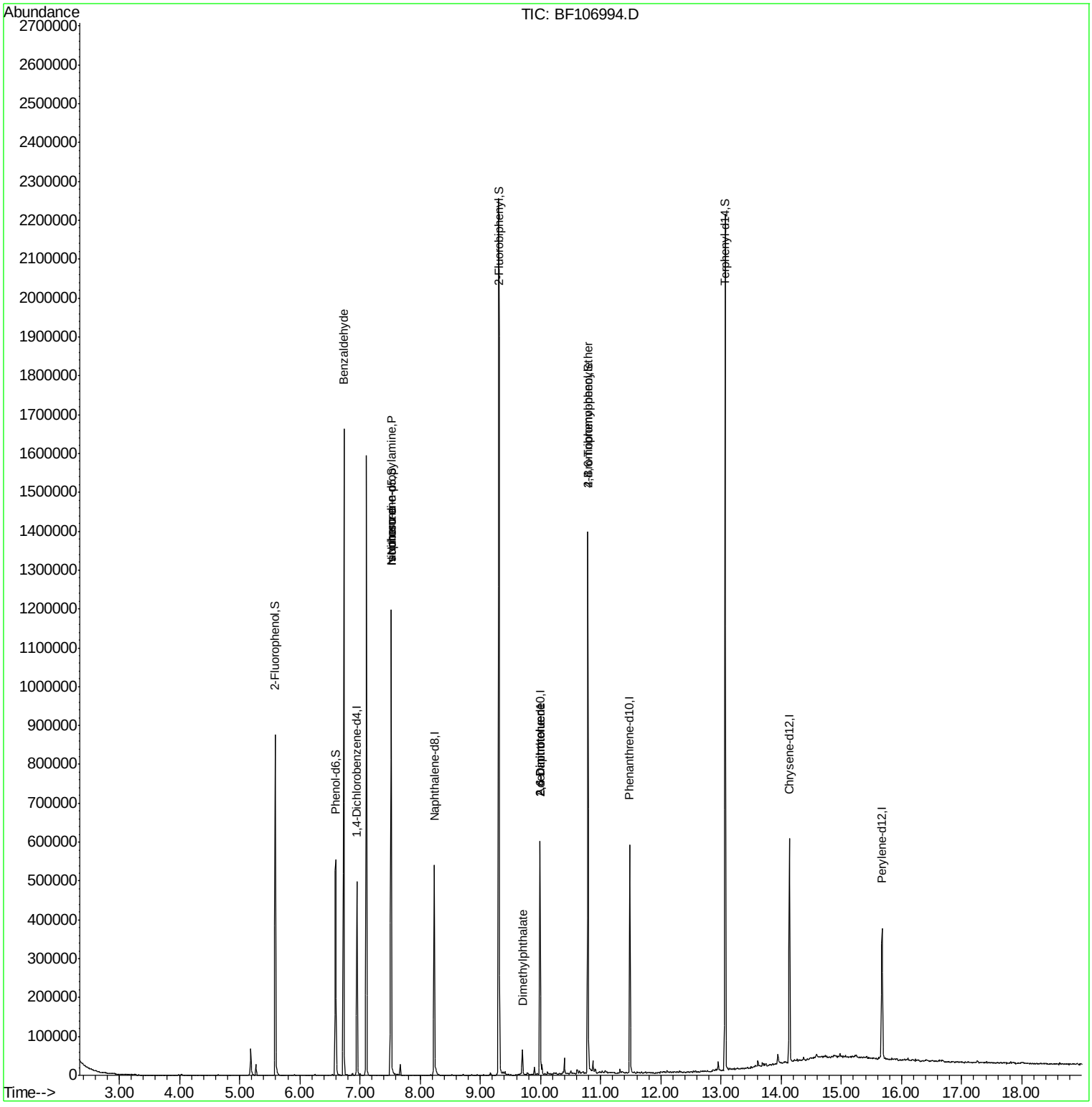
(#) = qualifier out of range (m) = manual integration (+) = signals summed

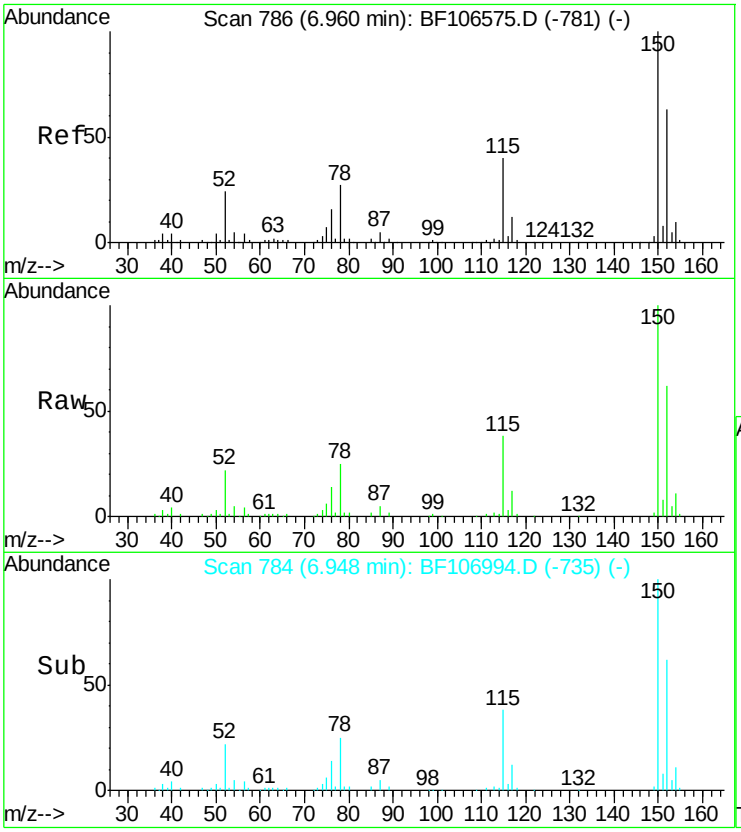
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
Data File : BF106994.D
Acq On : 30 Jun 2018 1:06
Operator : JU/SJ
Sample : J3718-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1A

Quant Time: Jun 30 01:50:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration



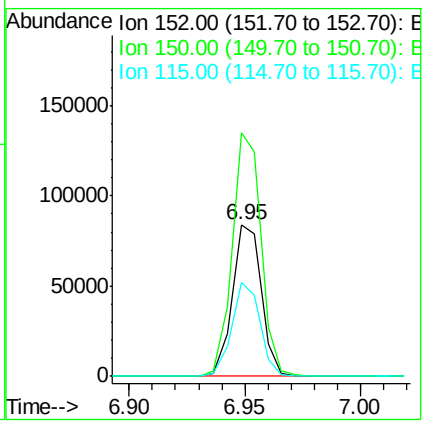


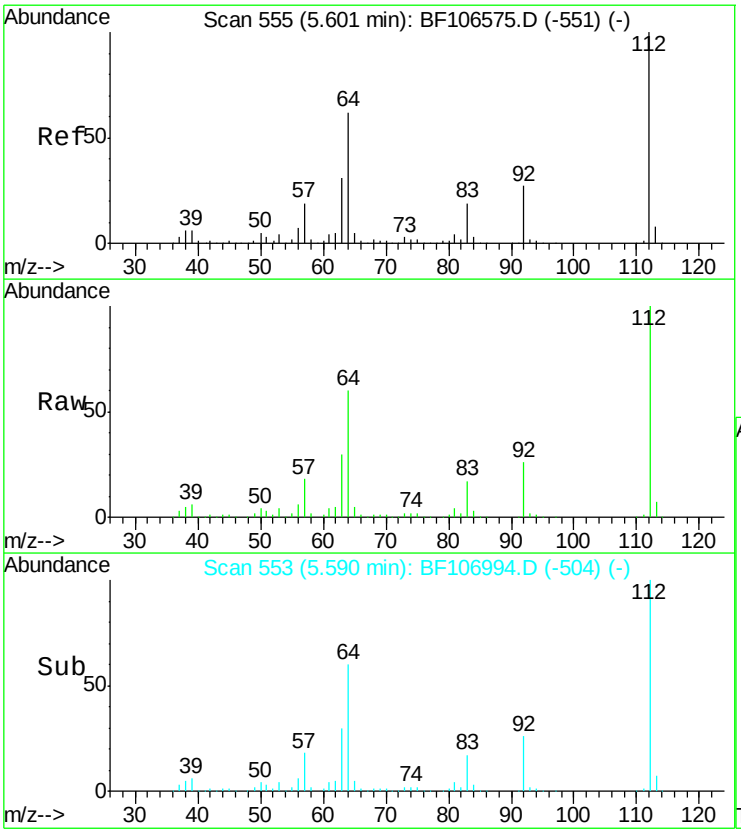
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Instrument :
BNA_F
ClientSampleId :
W-1A

Tgt Ion:152 Resp: 74000

Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	61.5	50.1	75.1

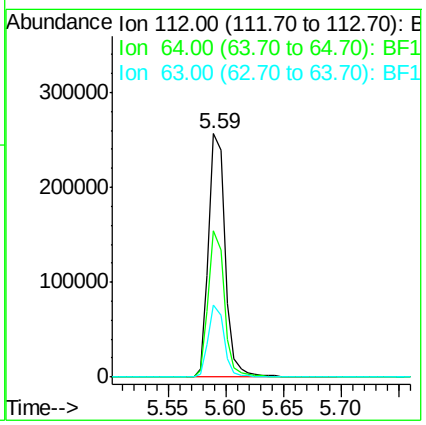


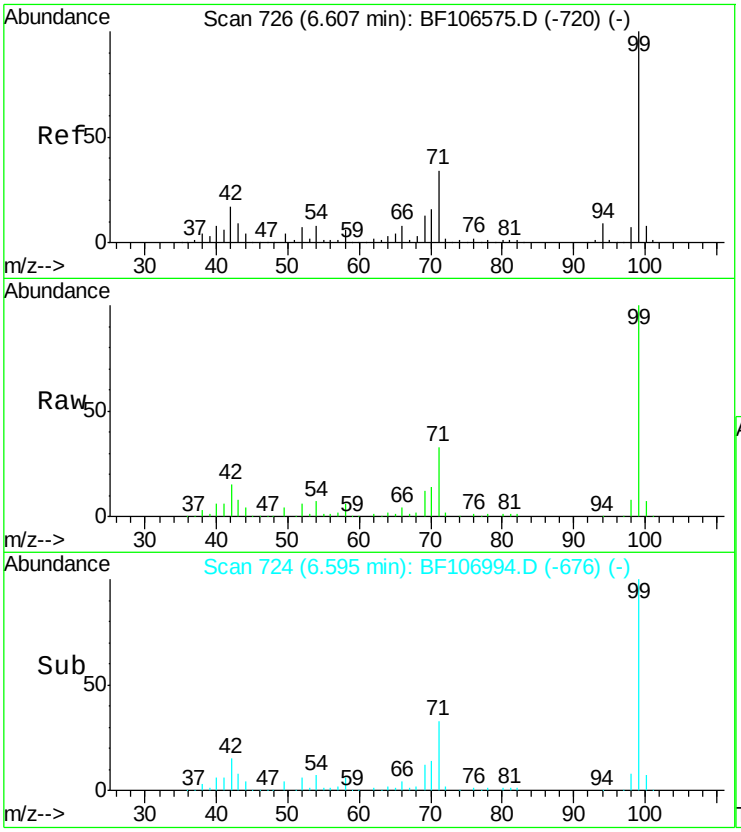


#5
2-Fluorophenol
Concen: 59.351 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Tgt Ion:112 Resp: 259371

Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	29.6	23.7	35.5



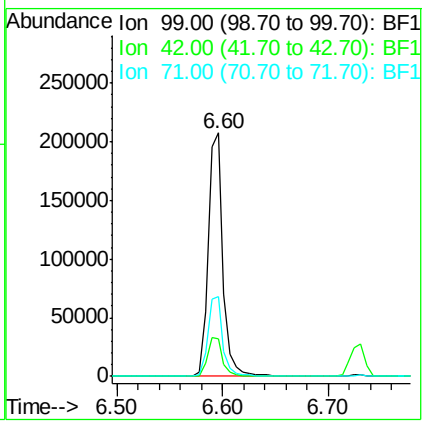


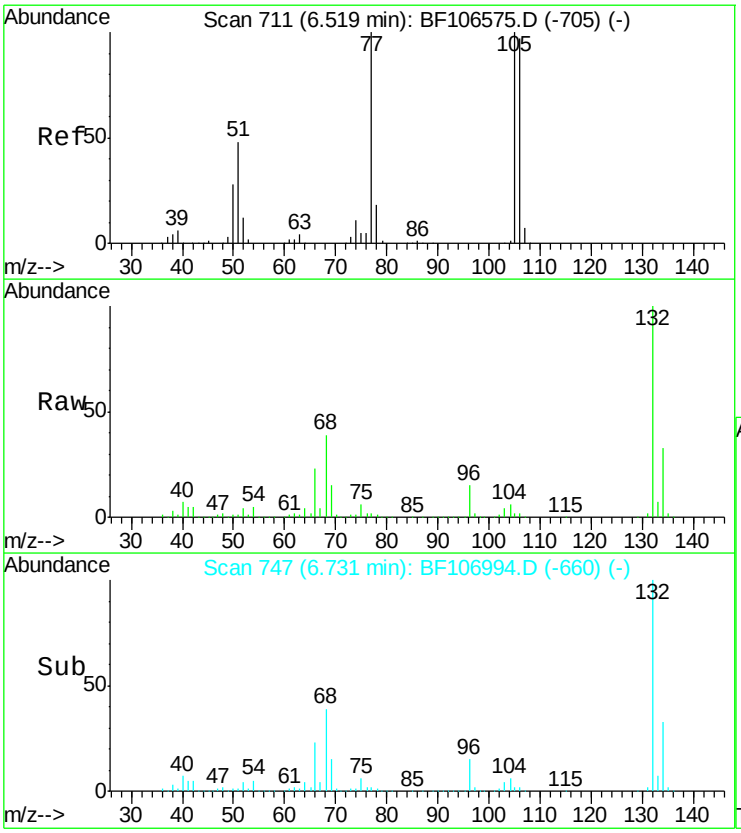
#7
Phenol-d6
Concen: 37.192 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Instrument :
BNA_F
ClientSampleId :
W-1A

Tgt Ion: 99 Resp: 202973

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	33.0	25.4	38.0

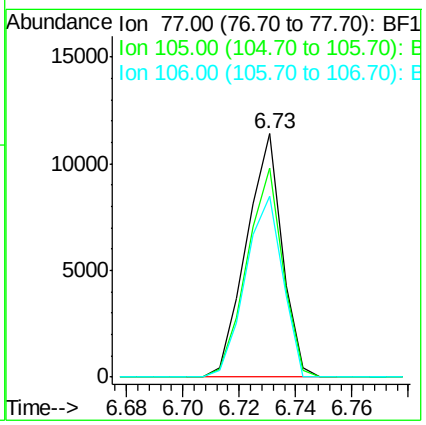


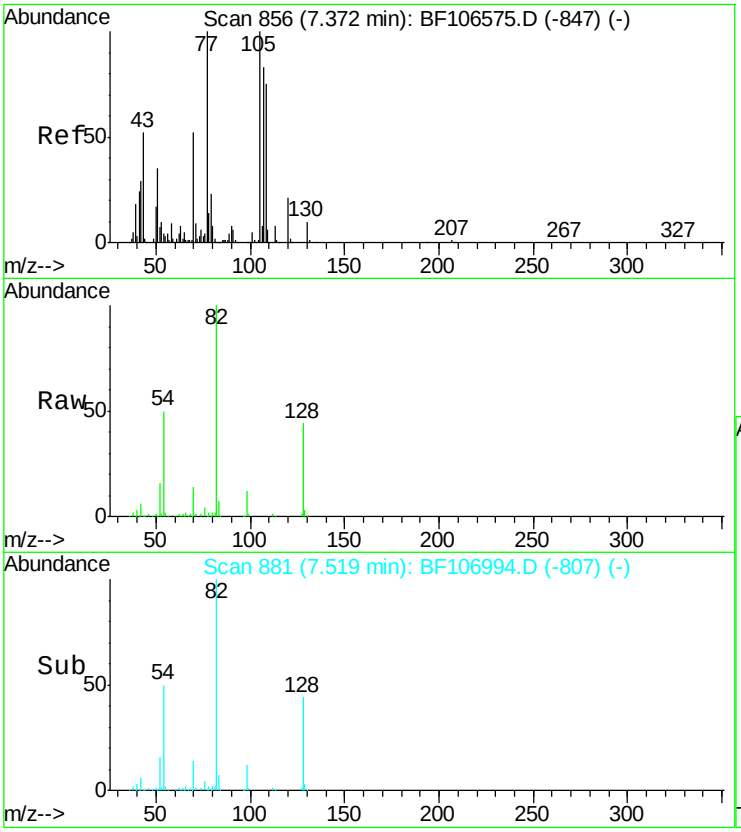


#9
Benzaldehyde
Concen: 2.189 ng
RT: 6.73 min Scan# 747
Delta R.T. 0.21 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Tgt Ion: 77 Resp: 10032

Ion	Ratio	Lower	Upper
77	100		
105	85.7	81.1	121.1
106	74.3	74.5	114.5#



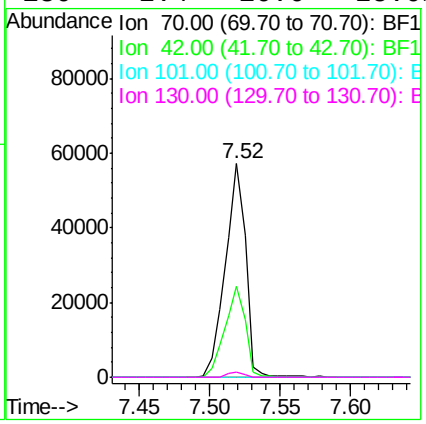


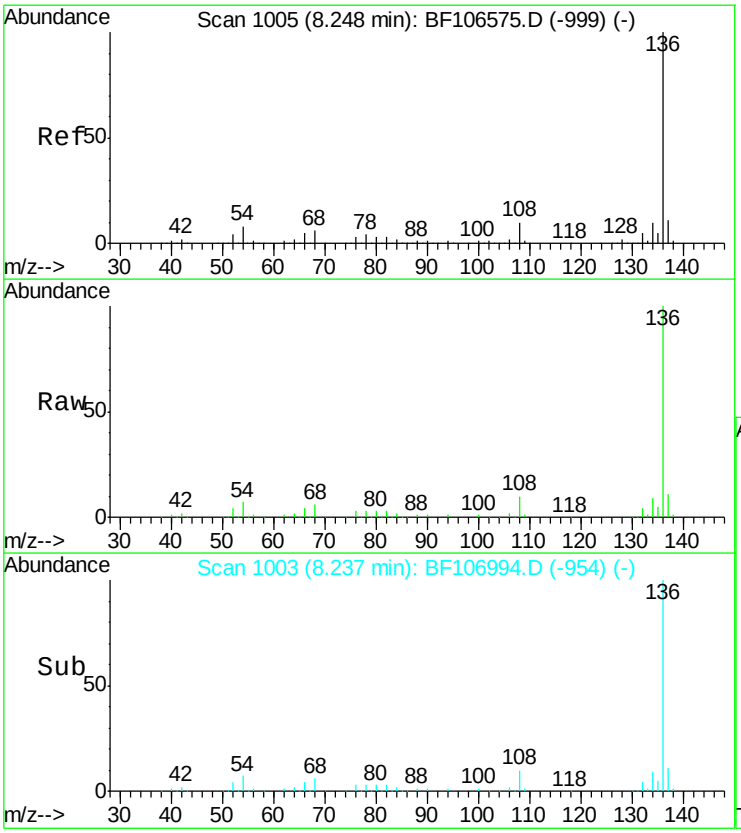
#19
n-Nitroso-di-n-propylamine
Concen: 15.933 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Instrument :
BNA_F
ClientSampleId :
W-1A

Tgt Ion: 70 Resp: 57317

Ion	Ratio	Lower	Upper
70	100		
42	42.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

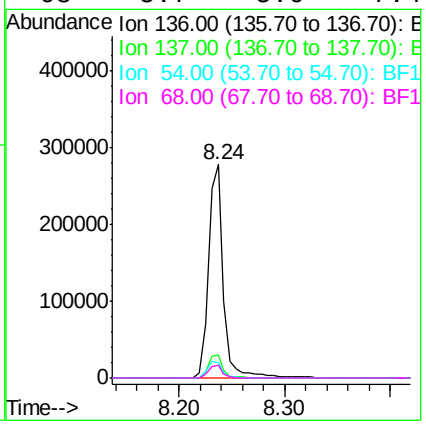


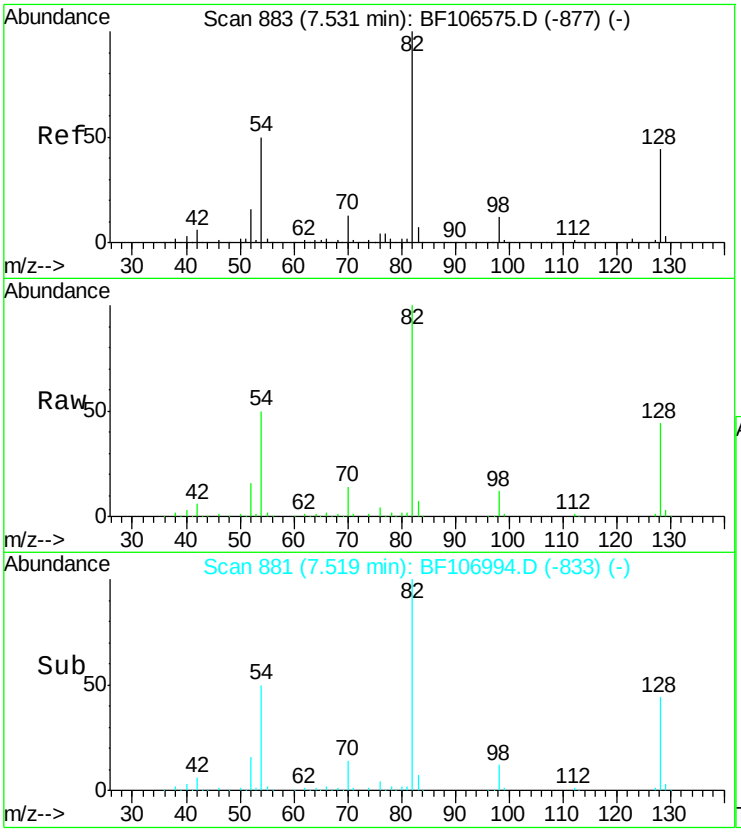


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Tgt Ion:136 Resp: 274307

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	5.7	5.0	7.4



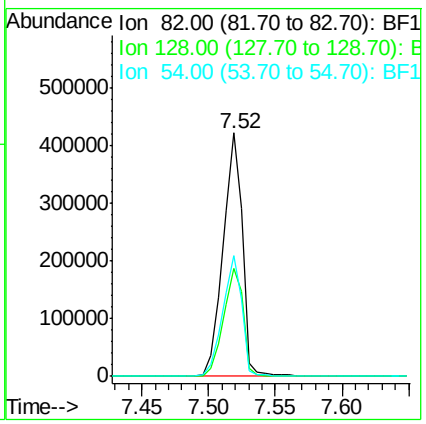


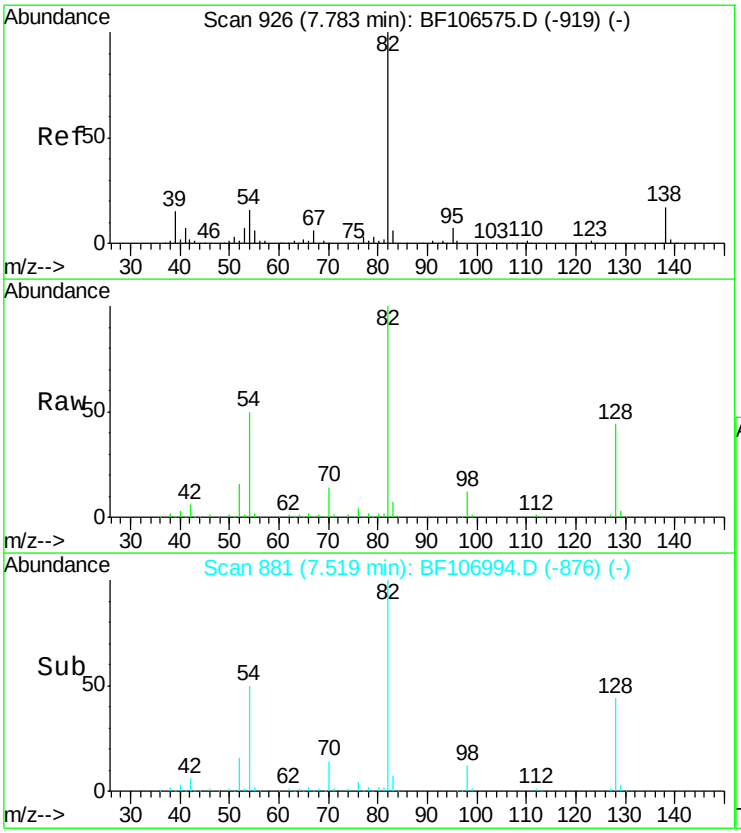
#23
Nitrobenzene-d5
Concen: 87.625 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Instrument :
BNA_F
ClientSampleId :
W-1A

Tgt Ion: 82 Resp: 432513

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	49.8	41.4	62.2

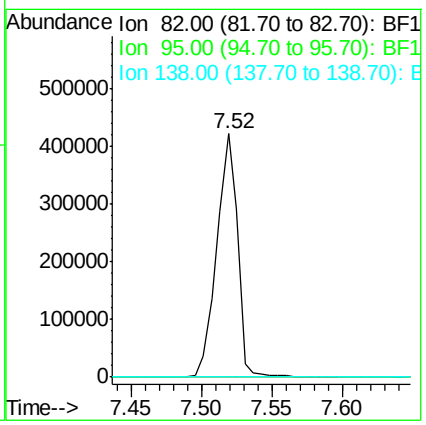


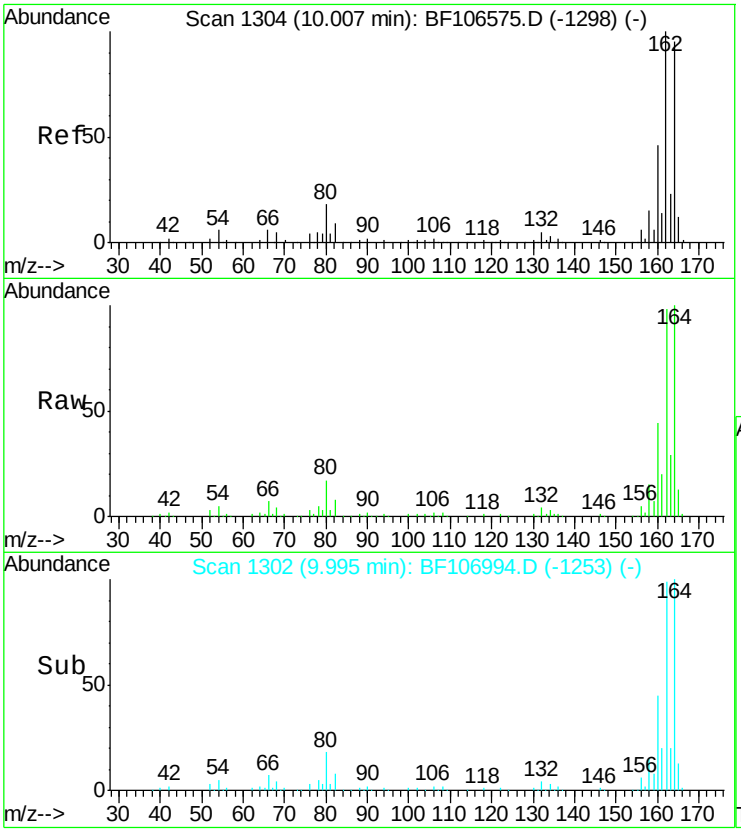


#25
Isophorone
Concen: 49.726 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Tgt Ion: 82 Resp: 432506

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



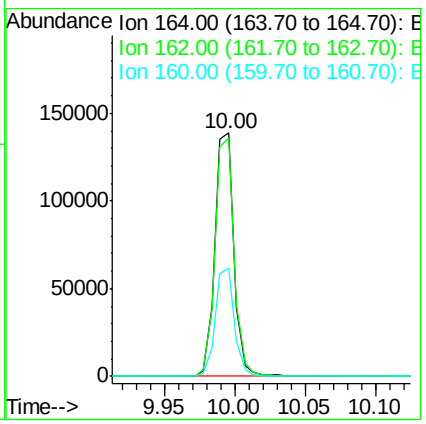


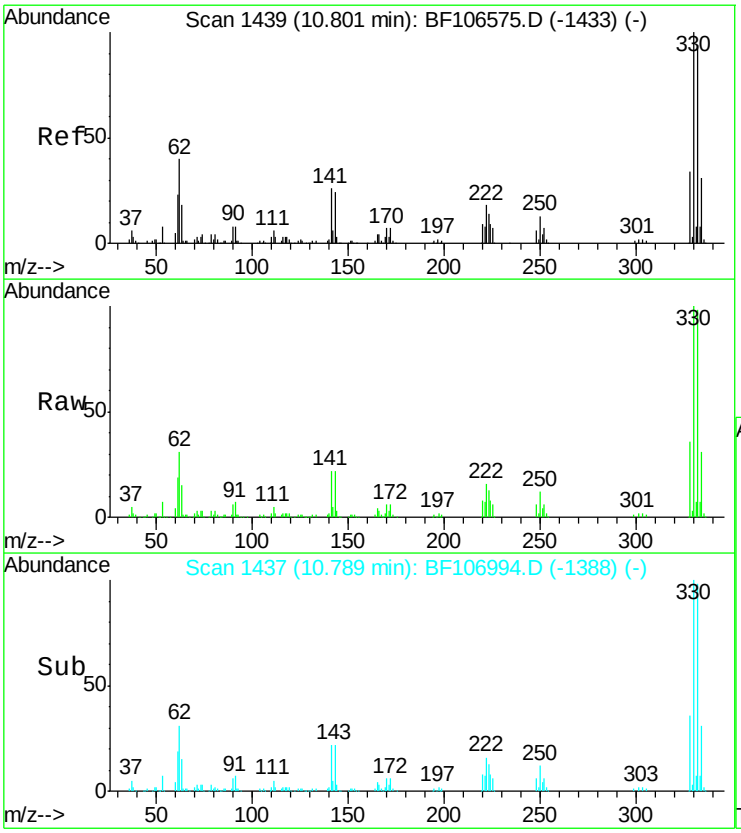
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Instrument :
BNA_F
ClientSampleId :
W-1A

Tgt Ion:164 Resp: 130379

Ion	Ratio	Lower	Upper
164	100		
162	97.9	86.1	129.1
160	44.5	38.3	57.5

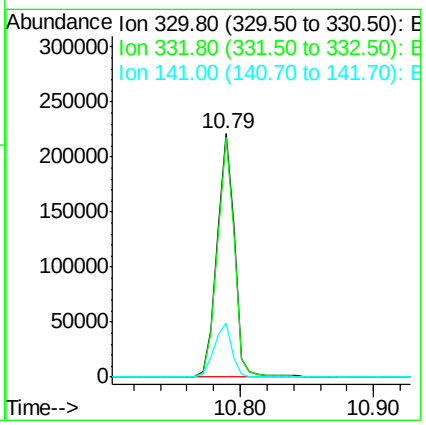


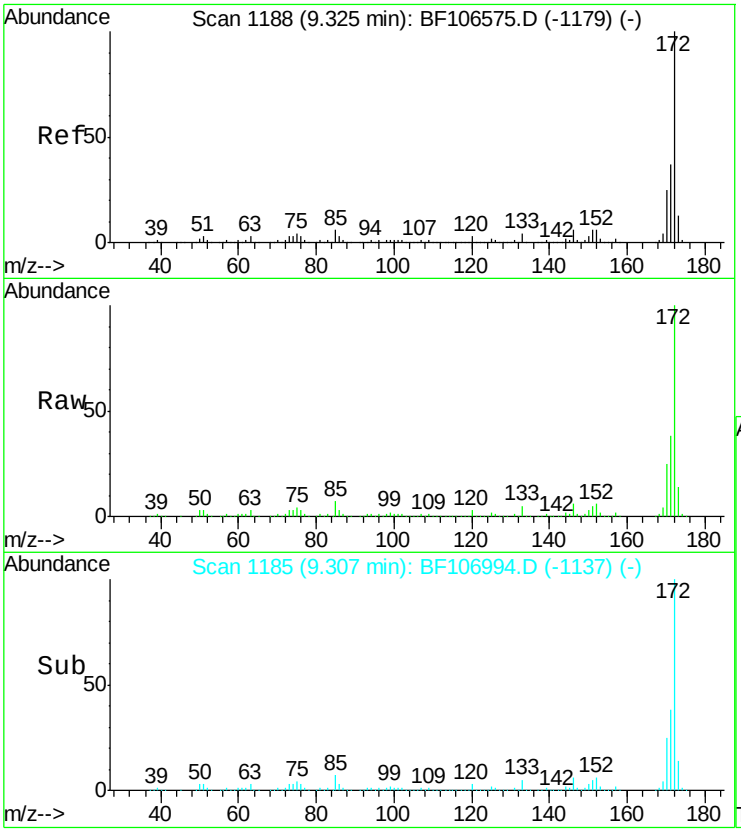


#41
2,4,6-Tribromophenol
Concen: 135.271 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Tgt Ion:330 Resp: 204412

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	22.9	29.9	44.9#



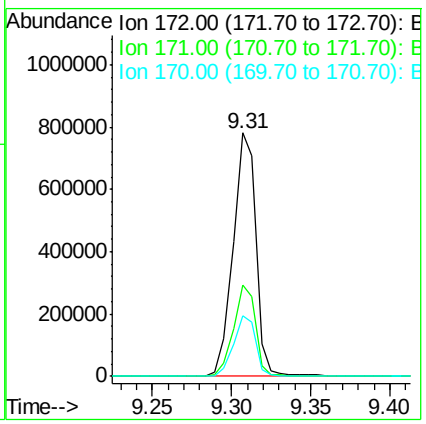


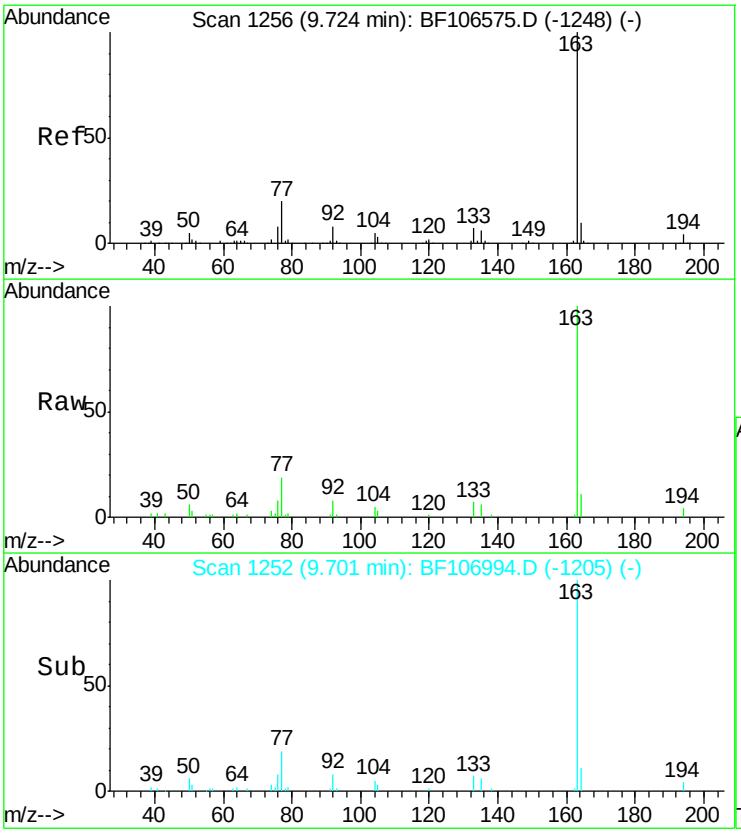
#44
2-Fluorobiphenyl
Concen: 104.779 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Instrument :
BNA_F
ClientSampleId :
W-1A

Tgt Ion:172 Resp: 780646

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	24.9	19.6	29.4

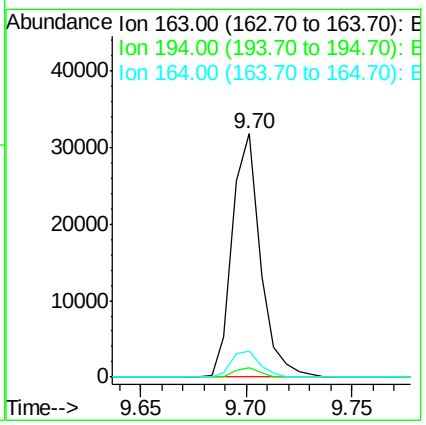


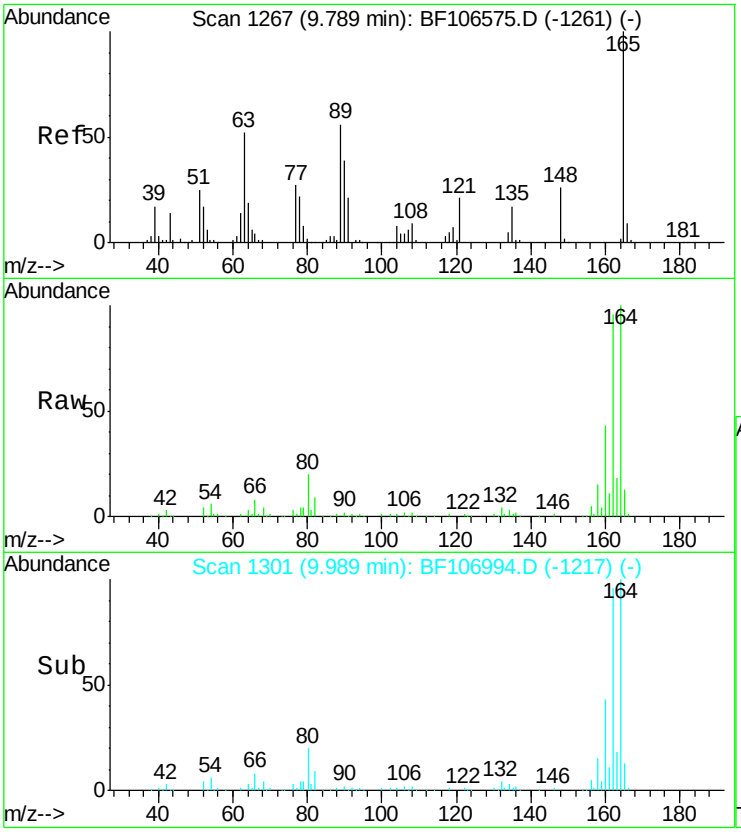


#49
Dimethylphthalate
Concen: 2.998 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Tgt Ion:163 Resp: 29315

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.5	8.2	12.2



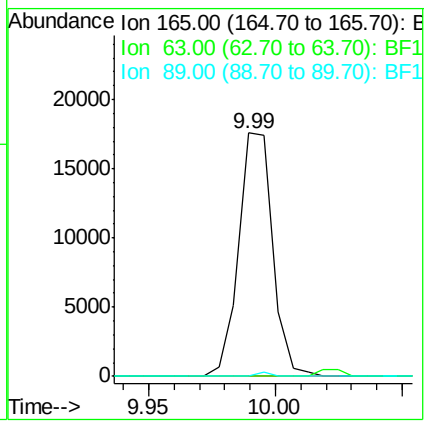


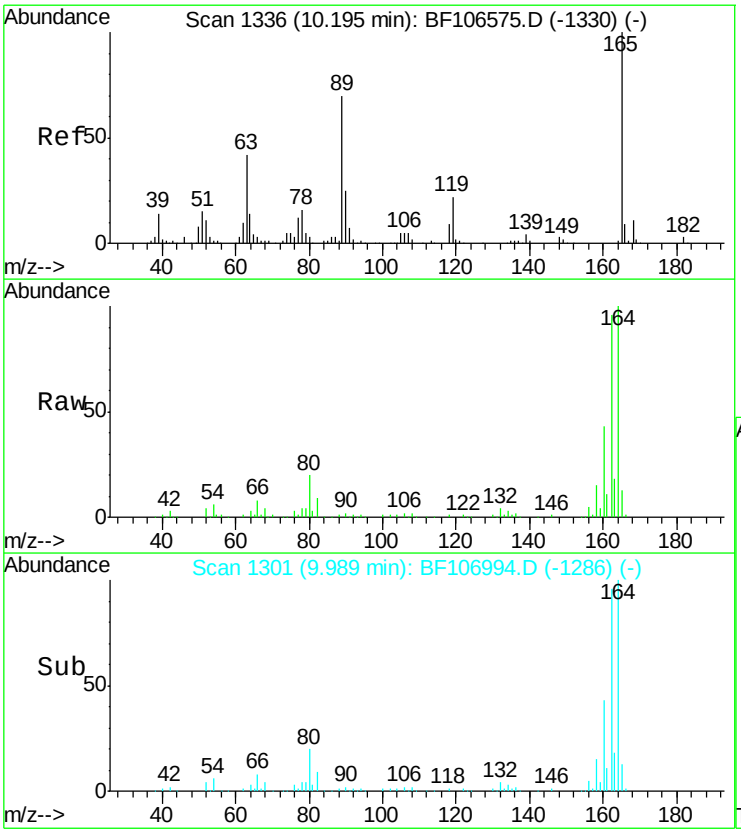
#50
2,6-Dinitrotoluene
Concen: 7.907 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Instrument :
BNA_F
ClientSampleId :
W-1A

Tgt Ion:165 Resp: 16372

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

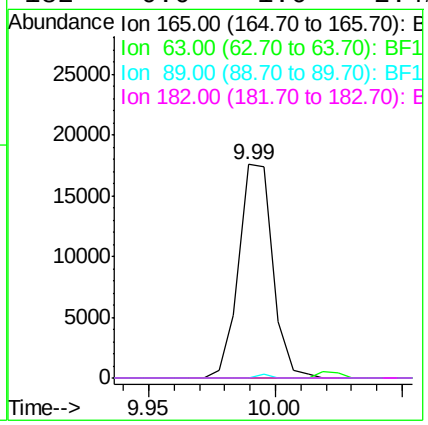


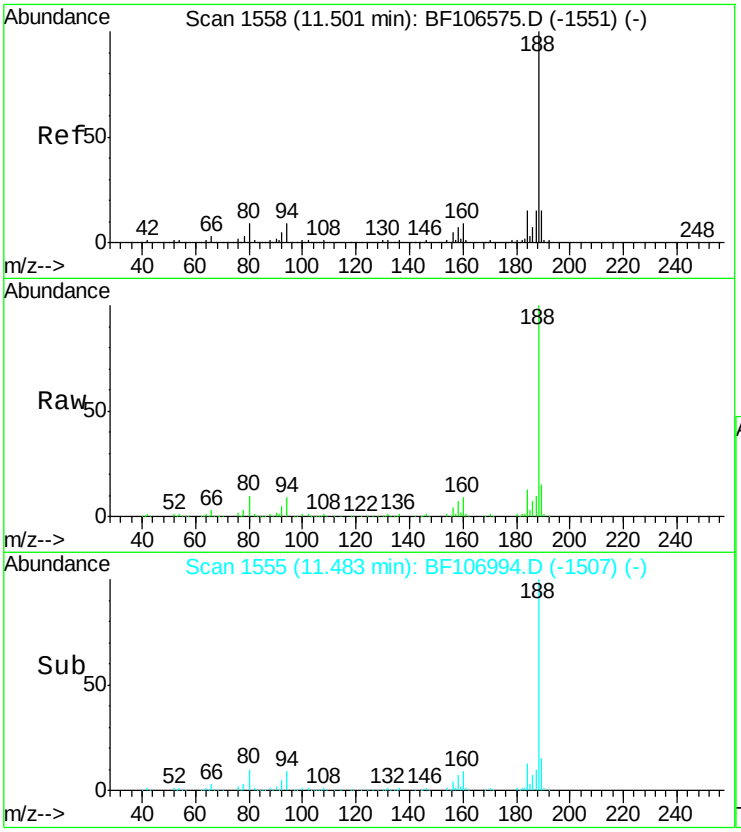


#56
2,4-Dinitrotoluene
Concen: 6.057 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Tgt Ion:165 Resp: 16372

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



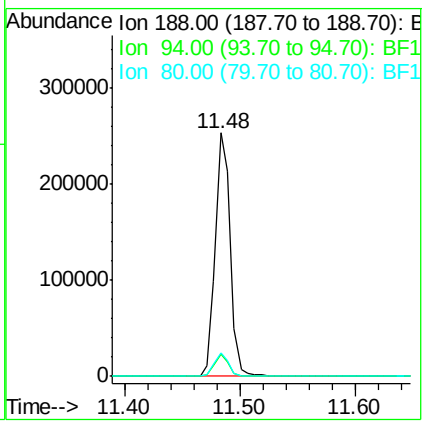


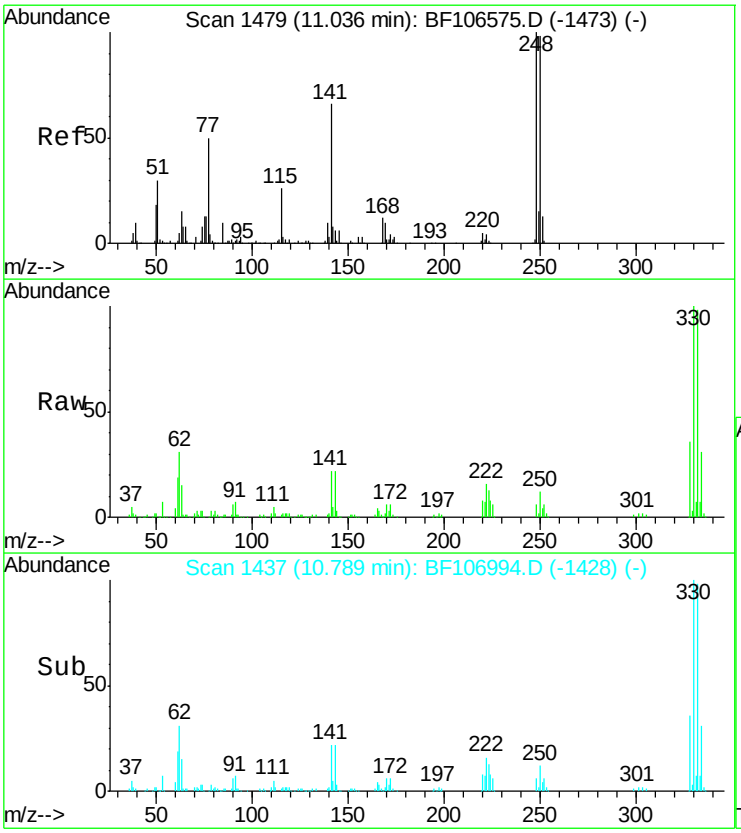
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Instrument :
BNA_F
ClientSampleId :
W-1A

Tgt Ion:188 Resp: 229063

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.7	9.2	13.8

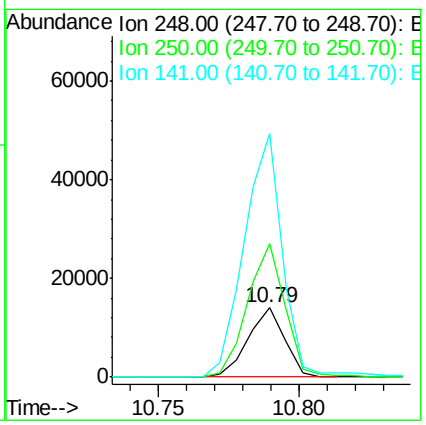


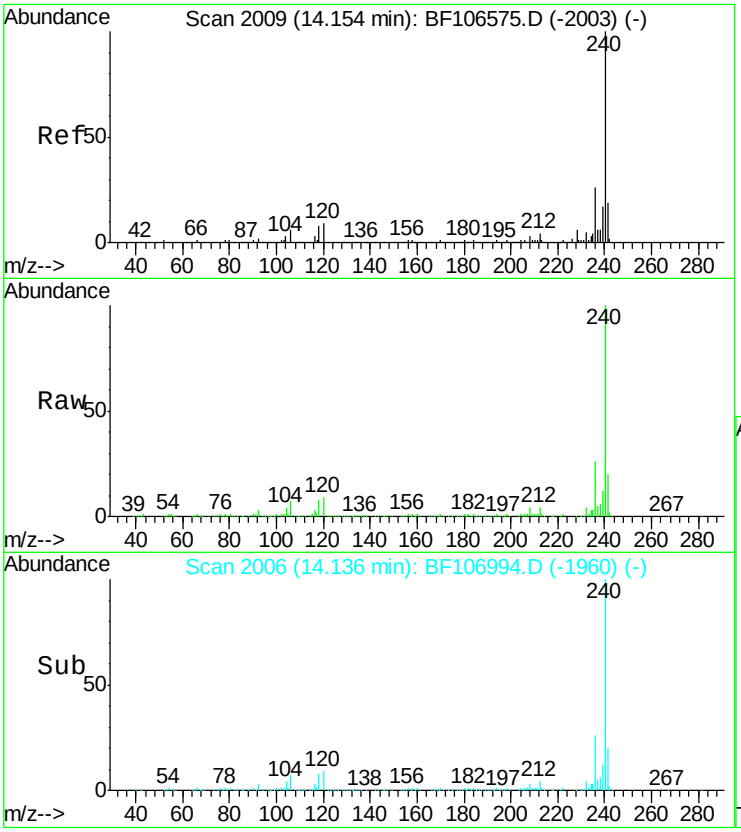


#66
4-Bromophenyl-phenylether
Concen: 4.571 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Tgt Ion:248 Resp: 12495

Ion	Ratio	Lower	Upper
248	100		
250	193.0	76.9	115.3#
141	353.2	74.4	111.6#



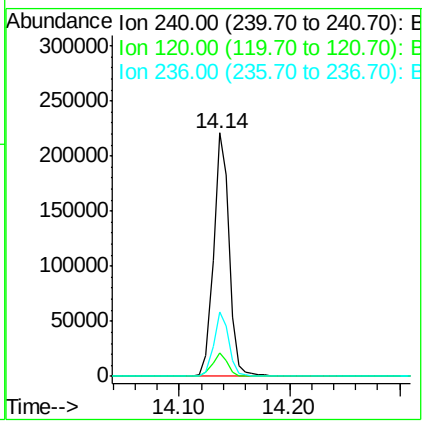


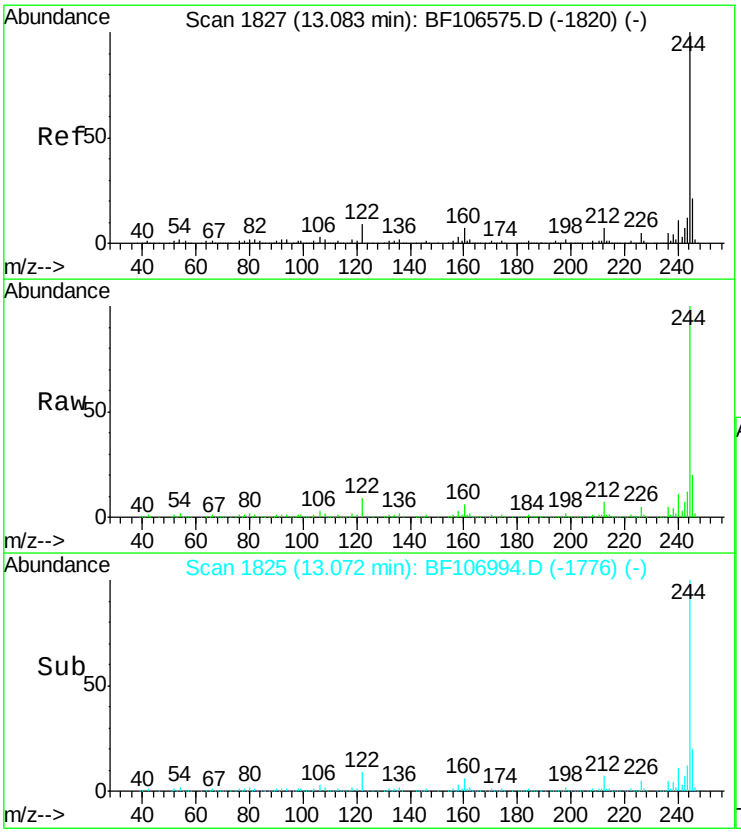
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Instrument :
BNA_F
ClientSampleId :
W-1A

Tgt Ion:240 Resp: 213509

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	26.2	20.7	31.1

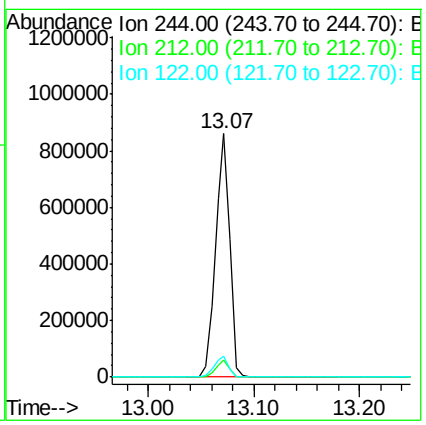


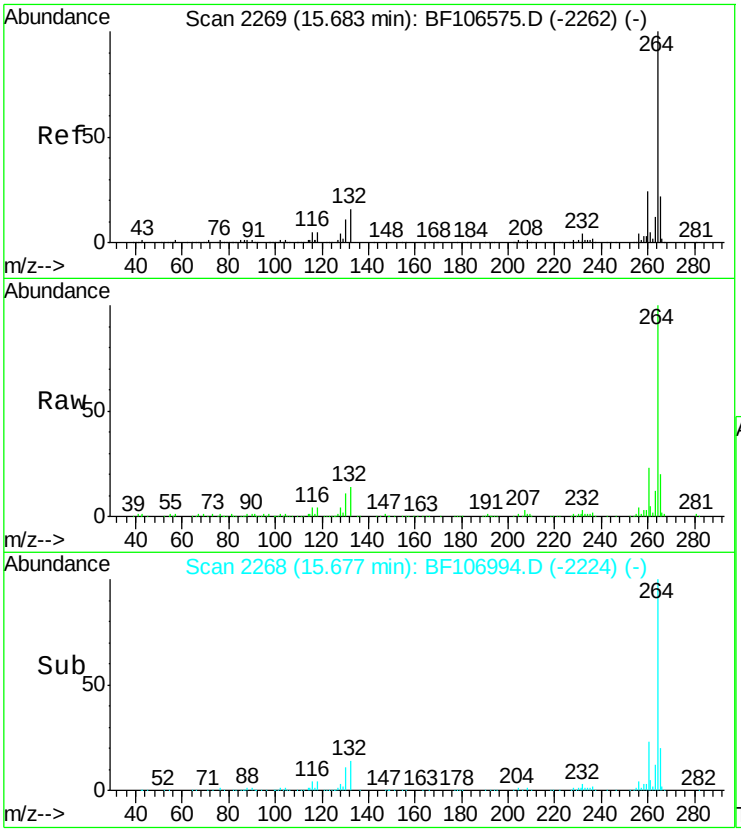


#78
Terphenyl-d14
Concen: 93.043 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Tgt Ion:244 Resp: 820106

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	8.6	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106994.D
Acq: 30 Jun 2018 1:06

Instrument :
BNA_F
ClientSampleId :
W-1A

Tgt Ion:264 Resp: 174363

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.0	17.5	26.3