Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110057.D
Acq On : 22 Oct 2018 18:59
Operator : JU/SJ
Sample : J5601-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 23 02:10:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	191850	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	692189	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	276272	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	428333	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	340922	20.00	ng	-0.02
87) Perylene-d12	15.67	264	257380	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	415841	34.36	ng	-0.01
7) Phenol-d6	6.58	99	306162	20.37	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1042135	101.42	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	185300	77.47	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1743562	100.70	ng	-0.01
79) Terphenyl-d14	13.09	244	1257632	77.46	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.59	94	33122	2.041	ng	# 64
19) n-Nitroso-di-n-propylamine	7.53	70	138829	14.387	ng	# 80
25) Isophorone	7.53	82	1042116	51.615	ng	# 67
50) Dimethylphthalate	9.72	163	61985	3.169	ng	99
51) 2,6-Dinitrotoluene	10.01	165	33872	9.116	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	33872	11.111	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	391	8.115	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	12300	2.650	ng	# 1

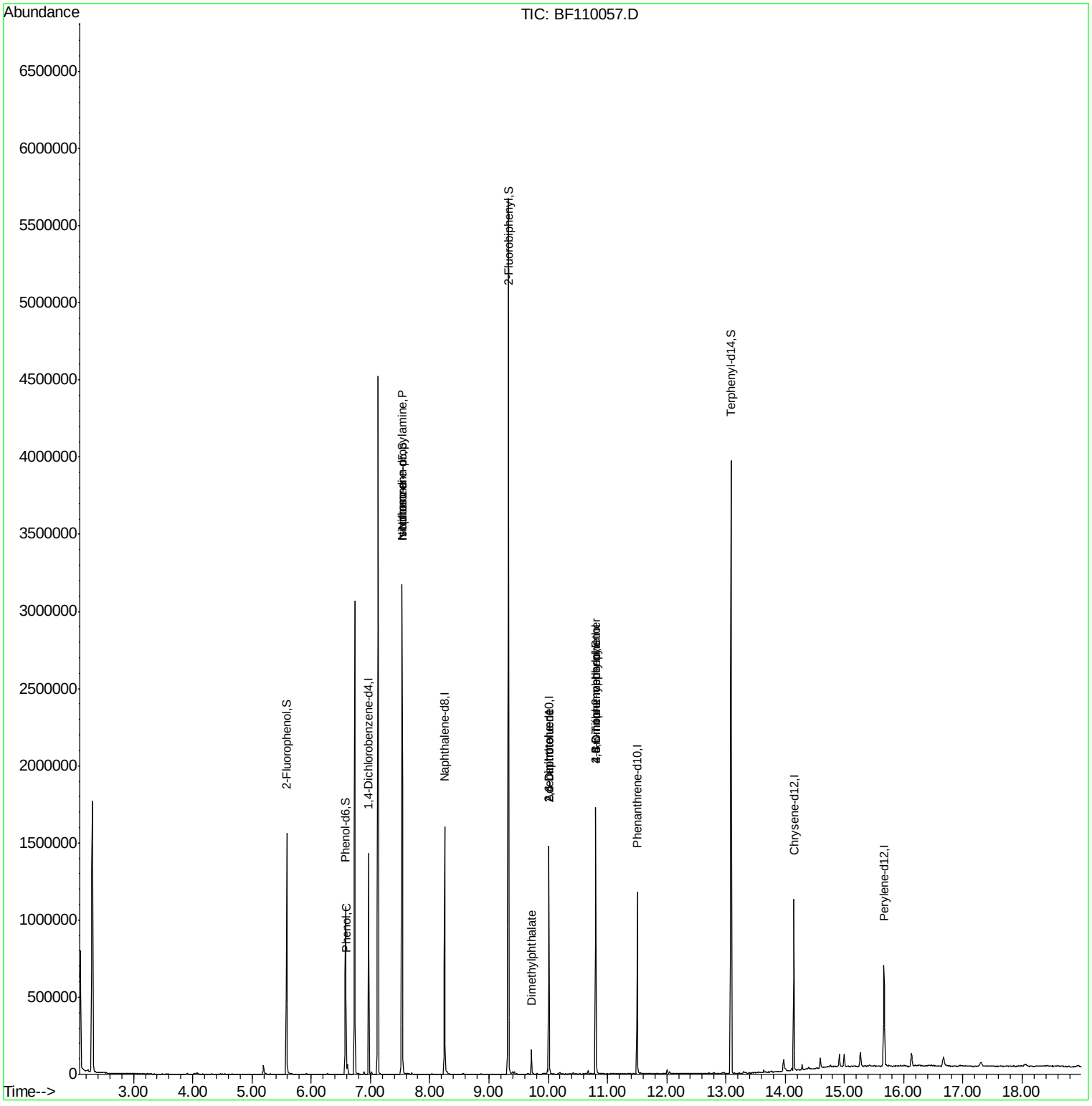
(#) = qualifier out of range (m) = manual integration (+) = signals summed

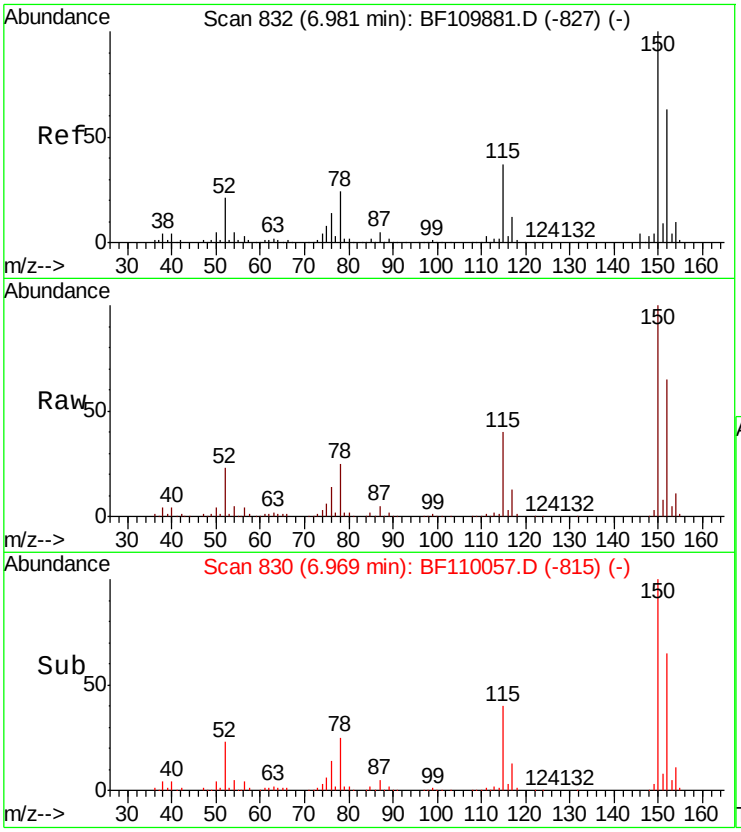
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110057.D
Acq On : 22 Oct 2018 18:59
Operator : JU/SJ
Sample : J5601-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 23 02:10:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



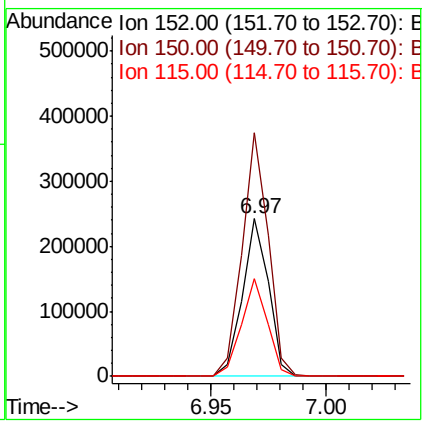


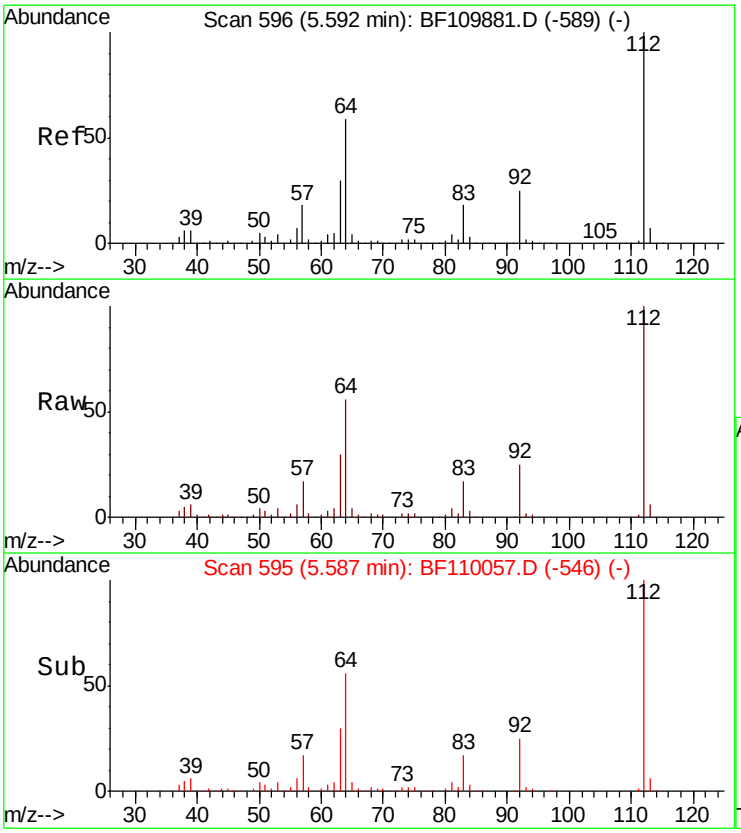
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 191850

Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.7	184.1
115	62.3	49.1	73.7

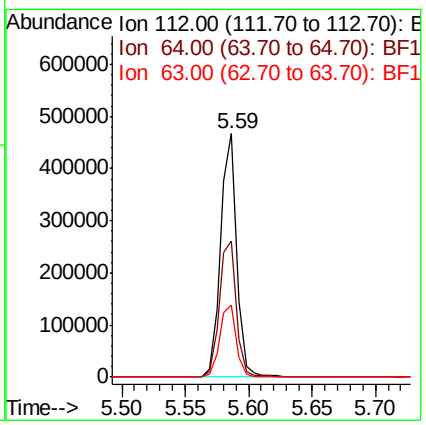


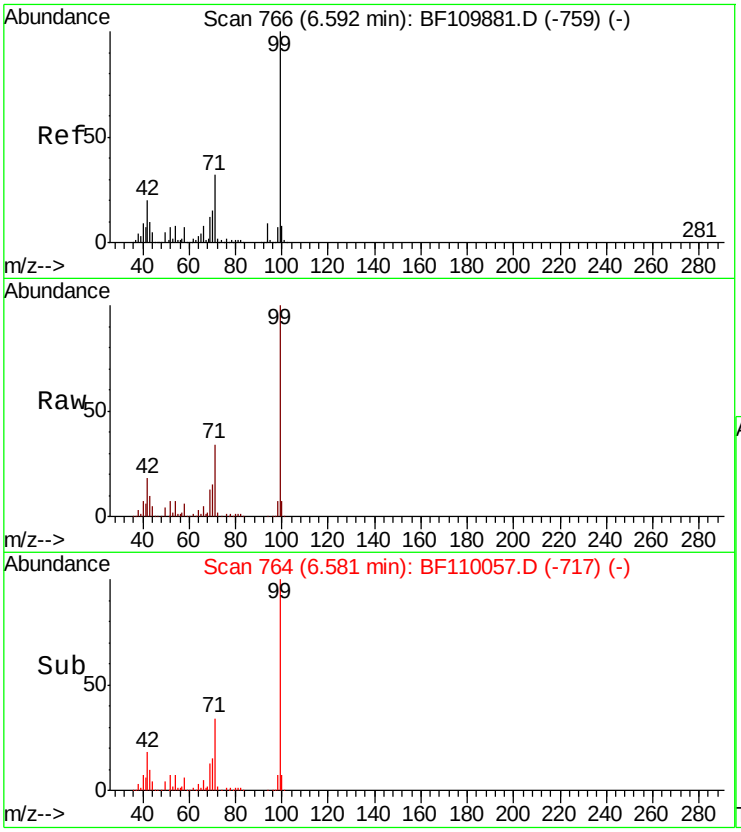


#5
2-Fluorophenol
Concen: 34.358 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Tgt Ion:112 Resp: 415841

Ion	Ratio	Lower	Upper
112	100		
64	56.0	44.1	66.1
63	29.8	23.7	35.5



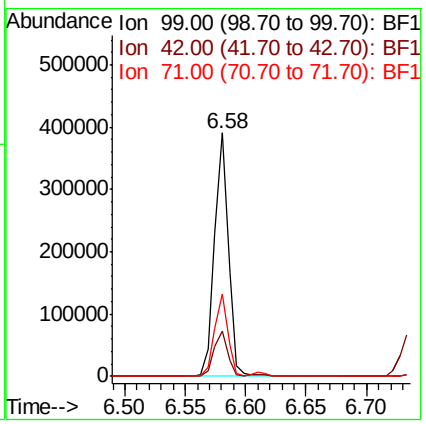


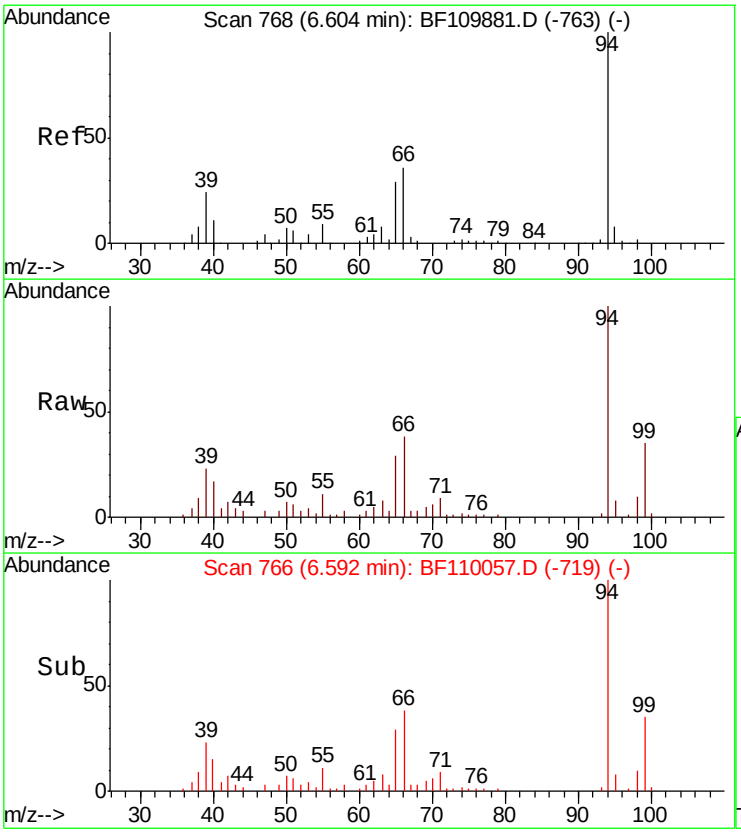
#7
Phenol-d6
Concen: 20.372 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 306162

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.8	23.6
71	33.7	28.0	42.0

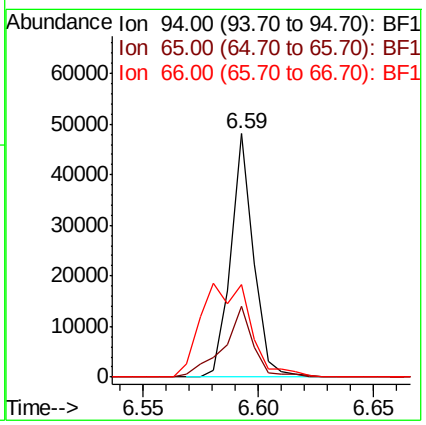


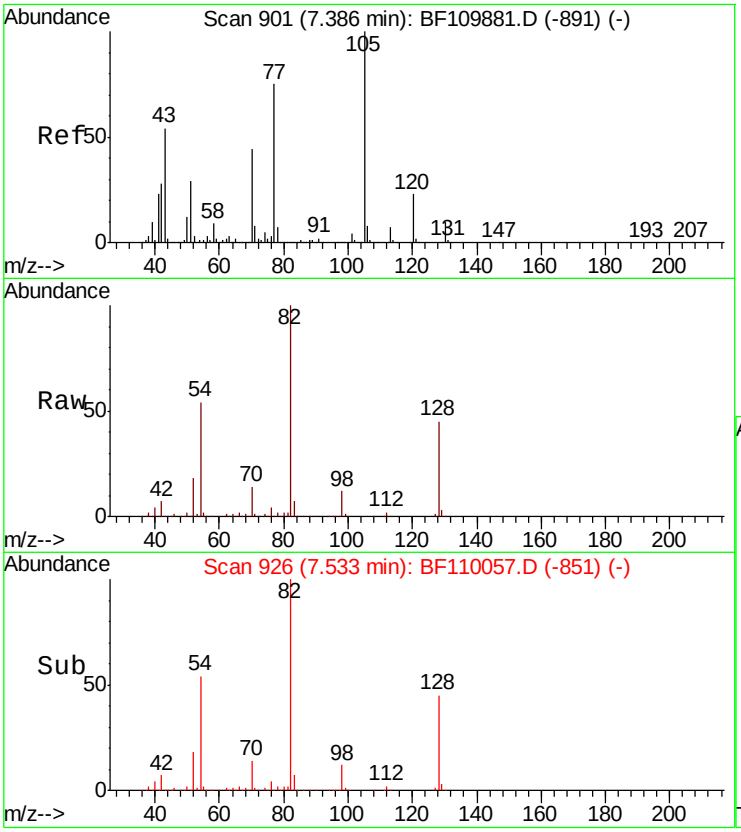


#10
Phenol
Concen: 2.041 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Tgt Ion: 94 Resp: 33122

Ion	Ratio	Lower	Upper
94	100		
65	29.0	25.3	65.3
66	37.9	54.5	94.5#



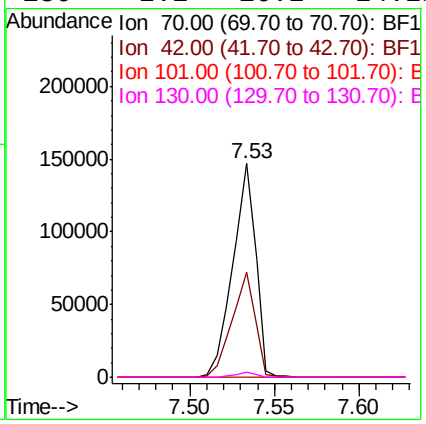


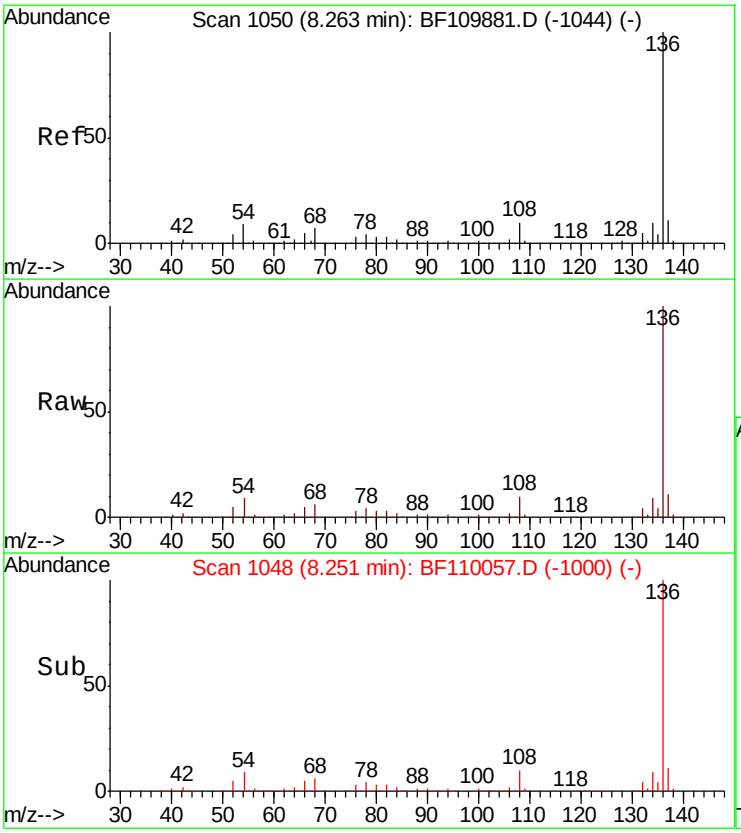
#19
n-Nitroso-di-n-propylamine
Concen: 14.387 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 138829

Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

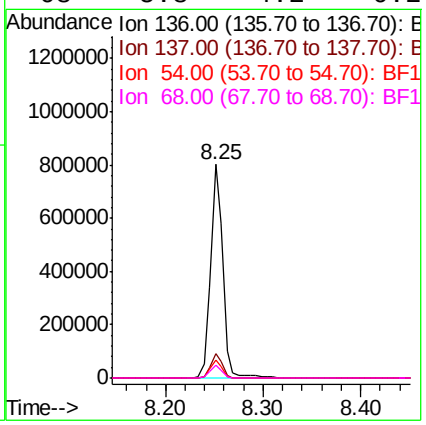


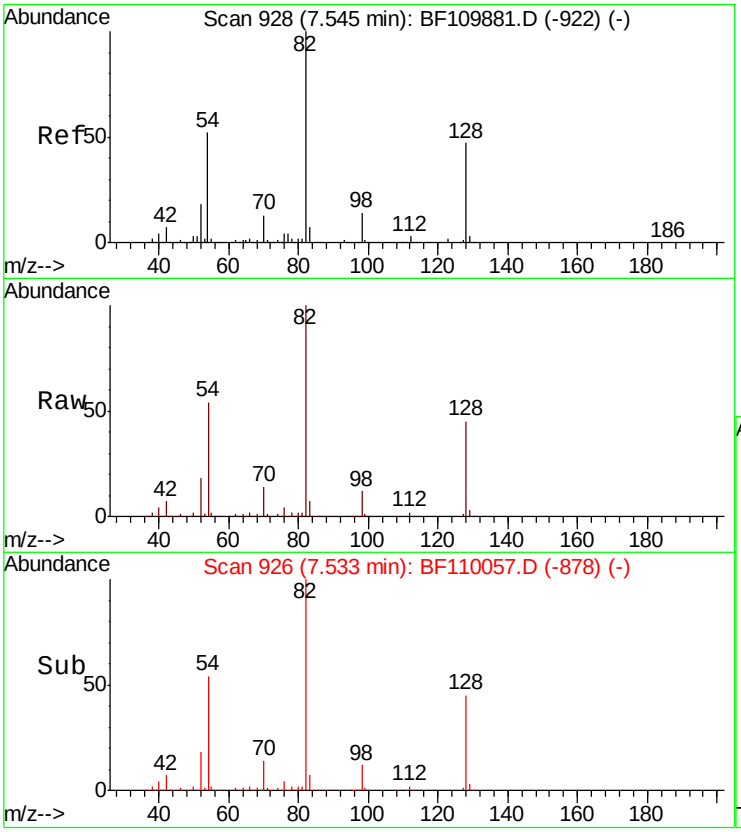


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Tgt Ion:136 Resp: 692189

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.7	5.4	8.2#
68	5.8	4.2	6.2



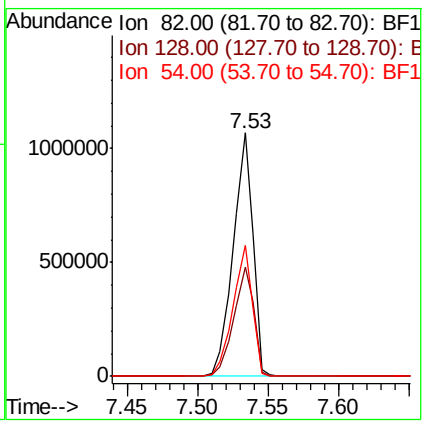


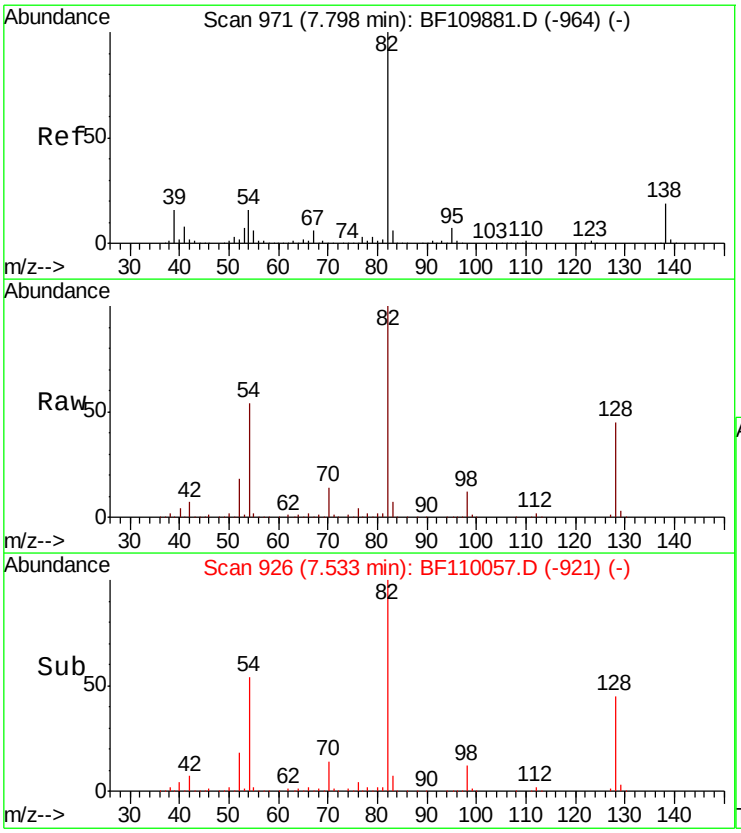
#23
Nitrobenzene-d5
Concen: 101.421 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1042135

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.2	51.2
54	53.8	38.6	58.0

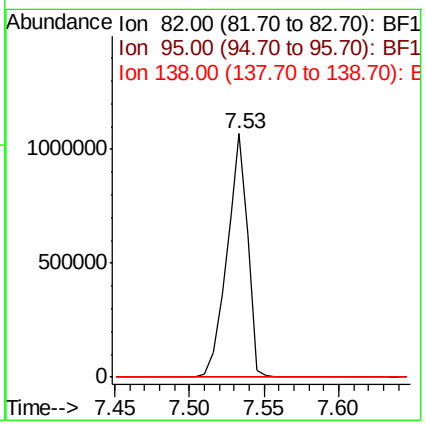


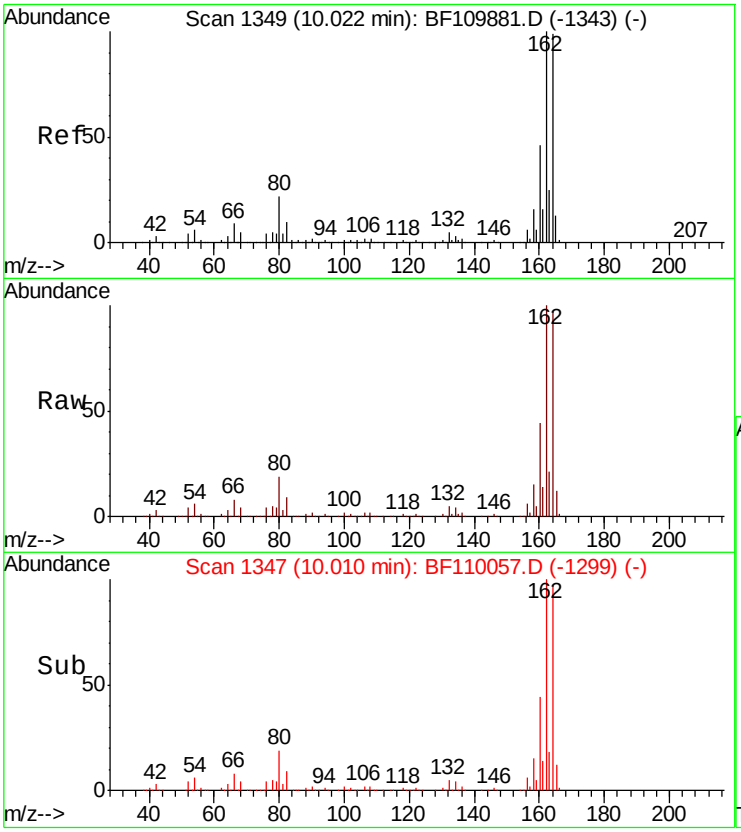


#25
Isophorone
Concen: 51.615 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Tgt Ion: 82 Resp: 1042116

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



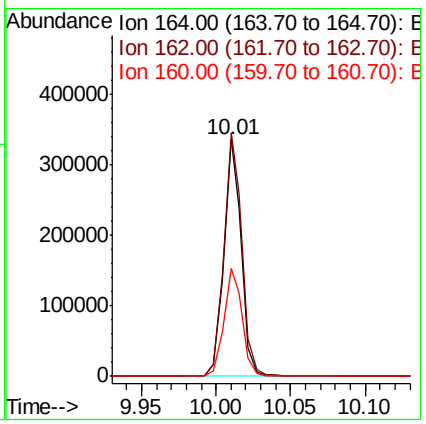


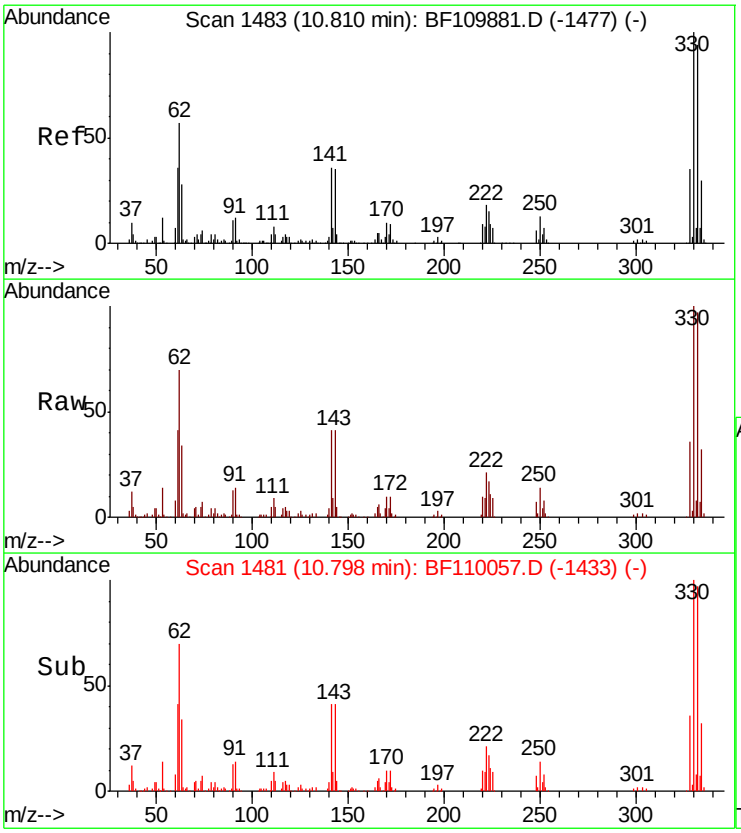
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 276272

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.0	124.6
160	45.5	37.0	55.6

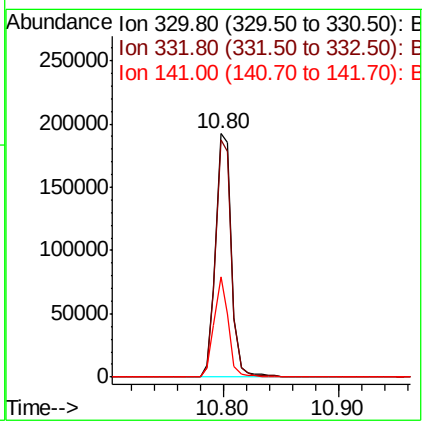


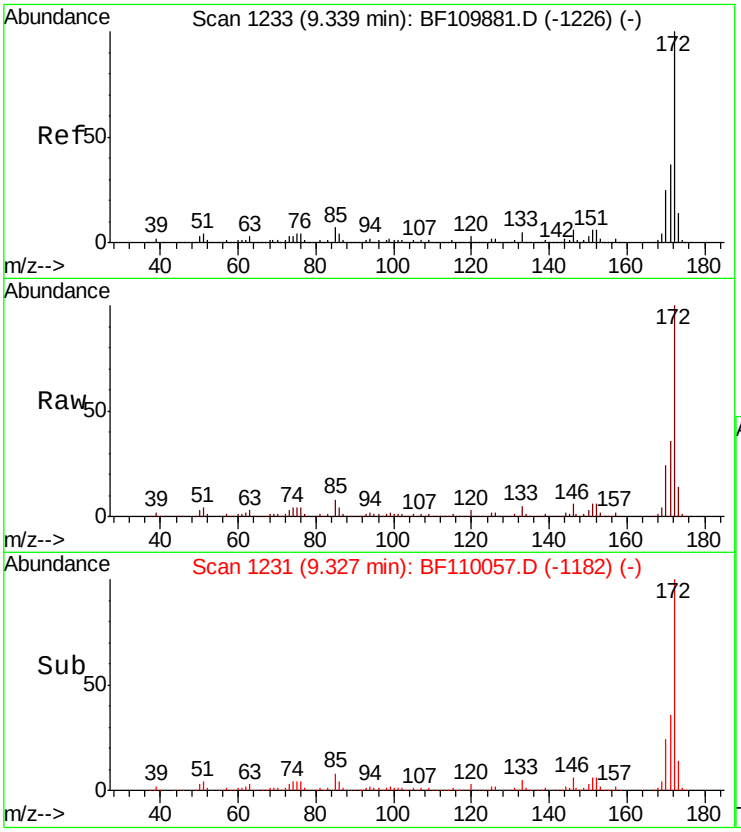


#42
2,4,6-Tribromophenol
Concen: 77.470 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Tgt Ion:330 Resp: 185300

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	36.6	27.0	40.4



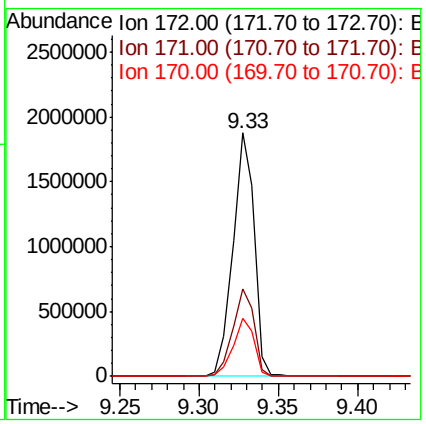


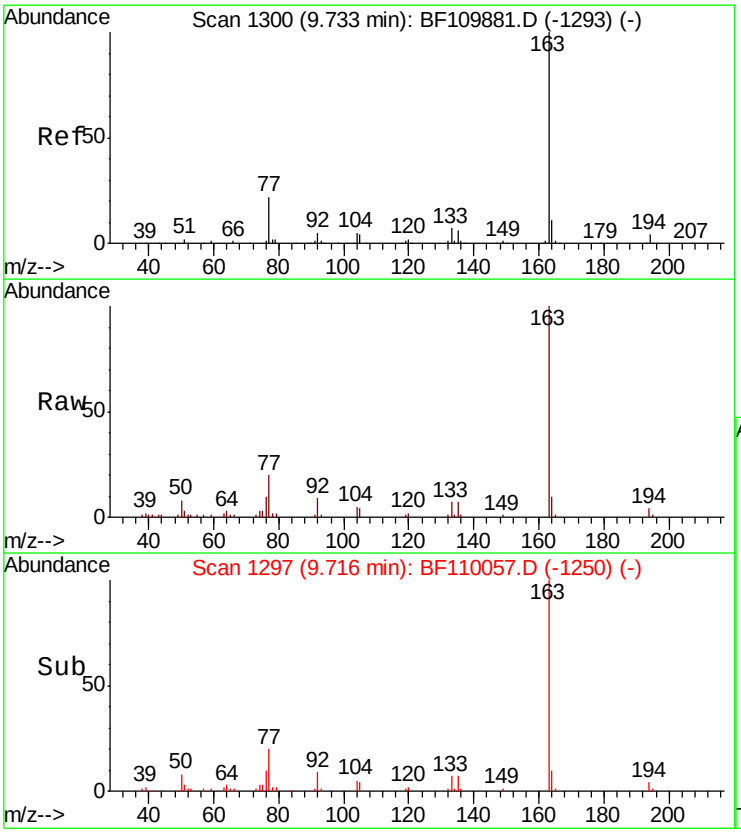
#45
2-Fluorobiphenyl
Concen: 100.702 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1743562

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.9	19.7	29.5

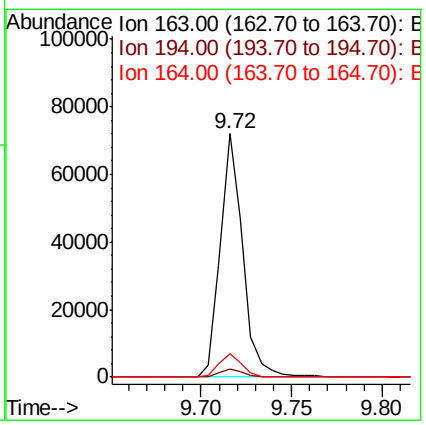


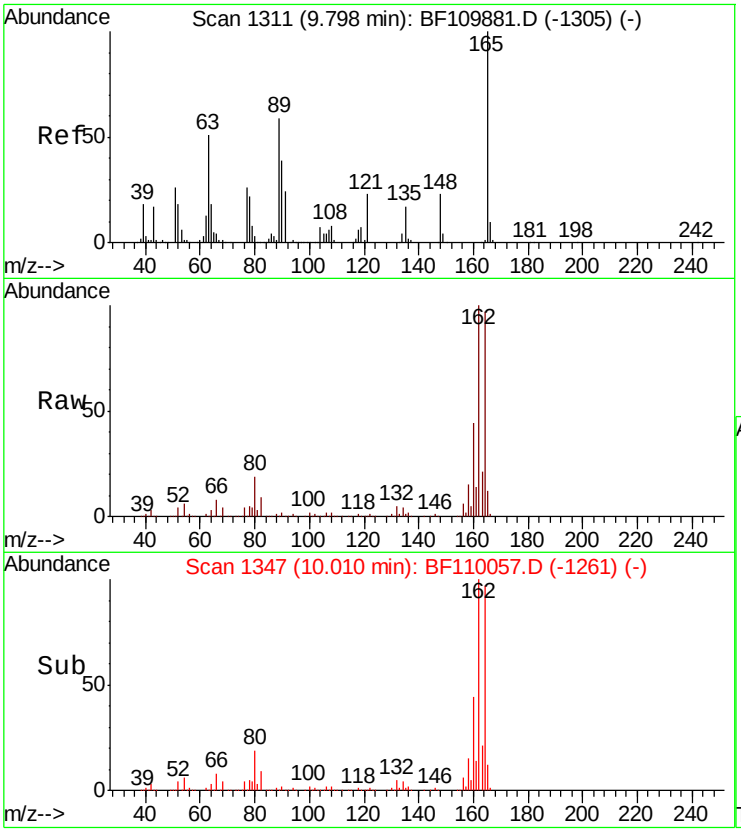


#50
Dimethylphthalate
Concen: 3.169 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Tgt Ion:163 Resp: 61985

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	9.8	8.1	12.1



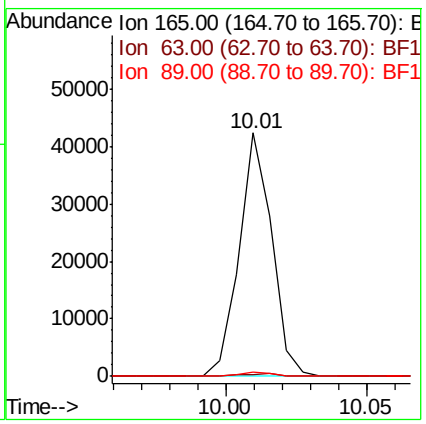


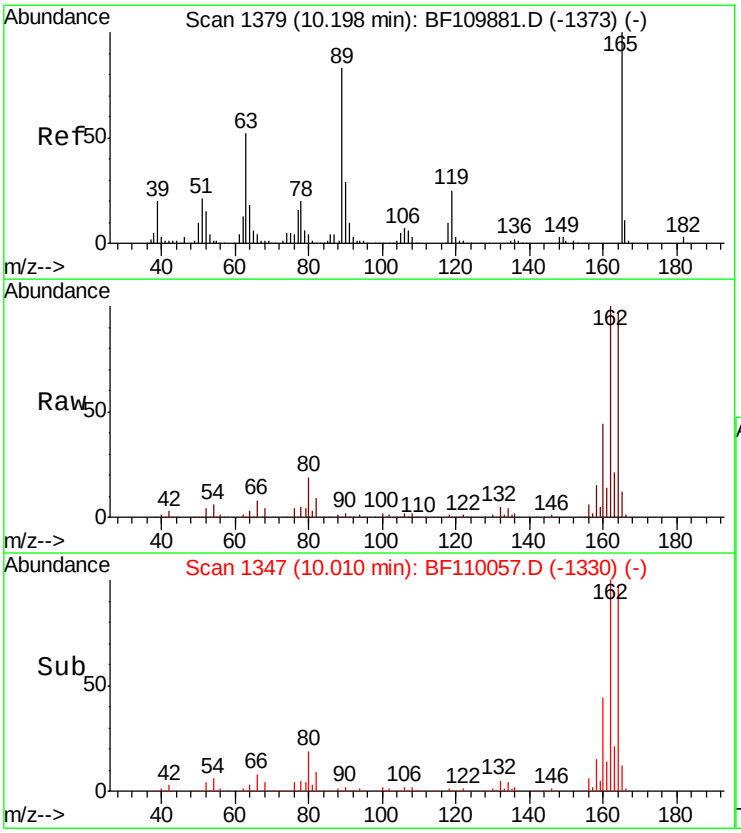
#51
2,6-Dinitrotoluene
Concen: 9.116 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33872

Ion	Ratio	Lower	Upper
165	100		
63	0.9	48.9	73.3#
89	1.6	46.6	69.8#

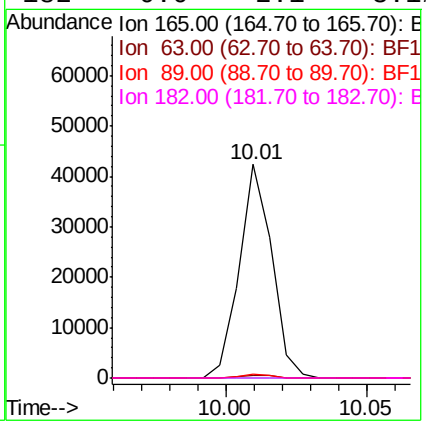


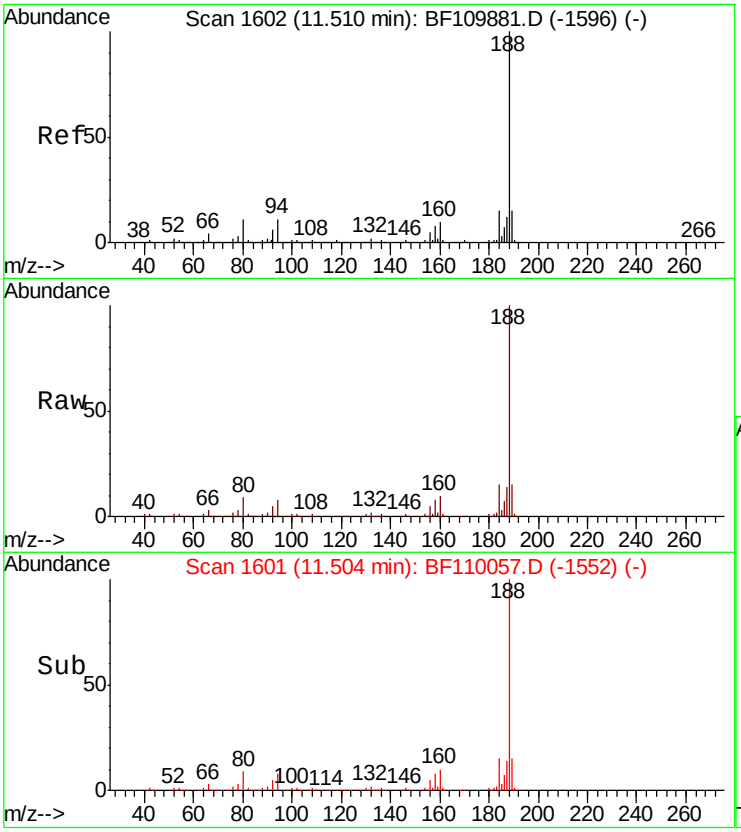


#57
2,4-Dinitrotoluene
Concen: 11.111 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Tgt Ion:165 Resp: 33872

Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.8	67.2#
89	1.6	62.2	93.4#
182	0.0	2.1	3.1#



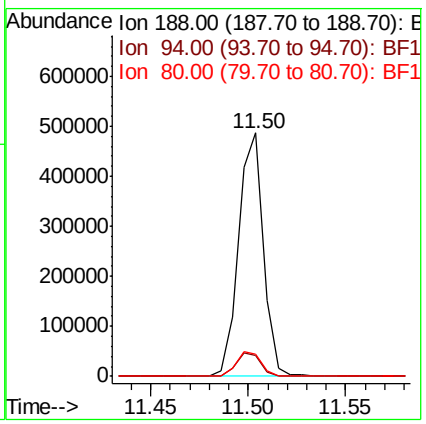


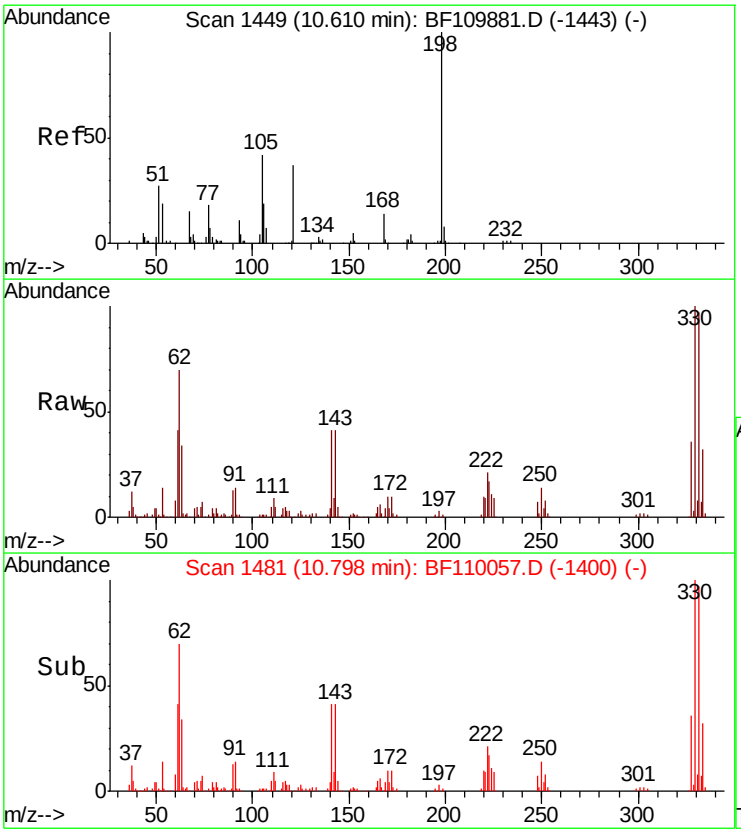
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 428333

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.0	7.9	11.9

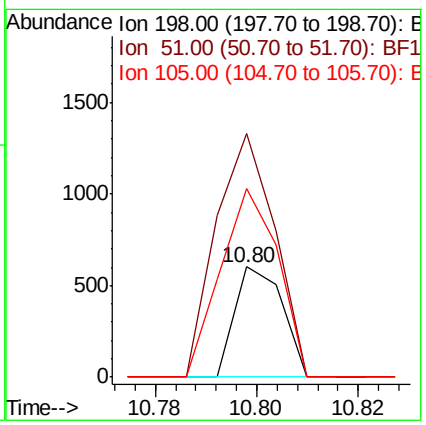


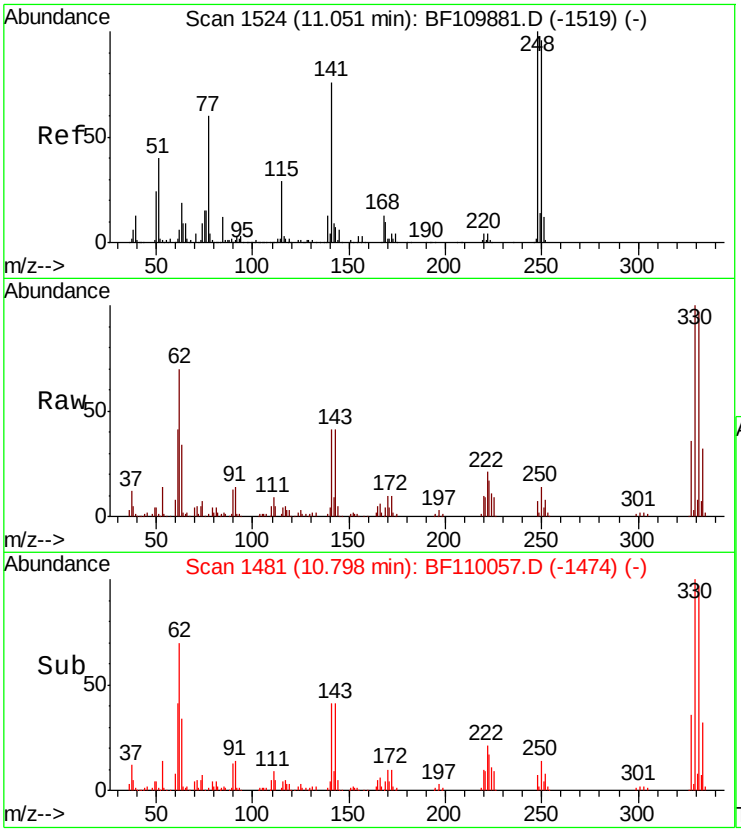


#65
4,6-Dinitro-2-methylphenol
Concen: 8.115 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.18 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Tgt Ion:198 Resp: 391

Ion	Ratio	Lower	Upper
198	100		
51	220.6	22.8	62.8#
105	171.1	23.6	63.6#



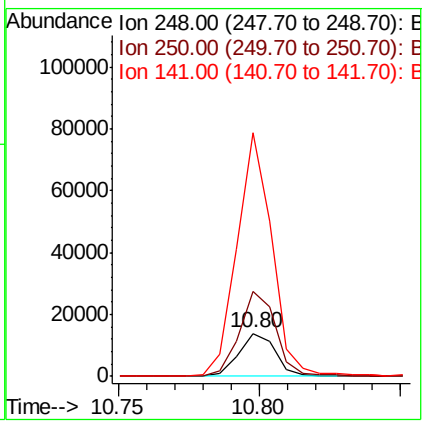


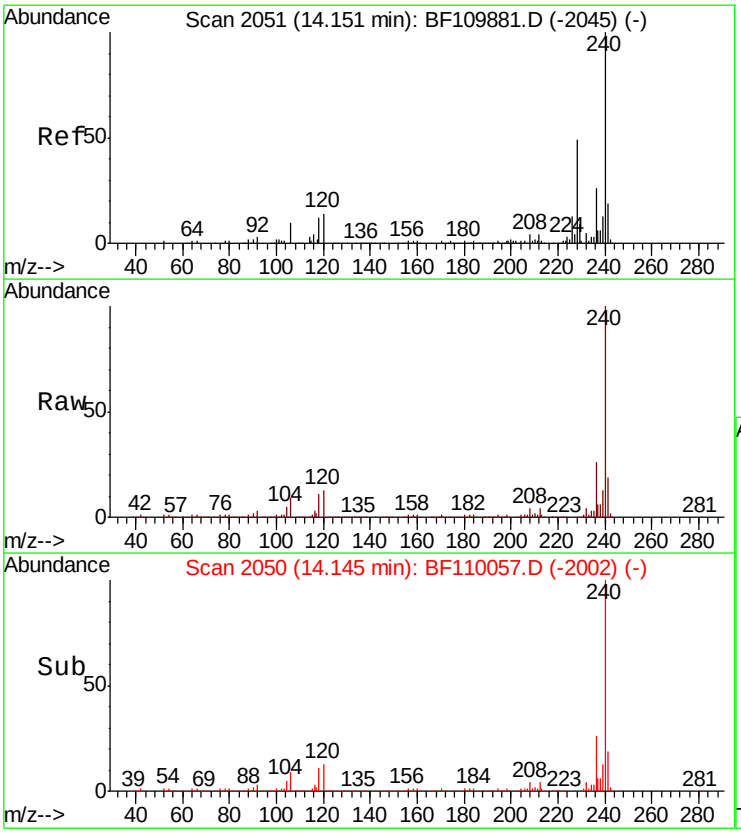
#67
4-Bromophenyl-phenylether
Concen: 2.650 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12300

Ion	Ratio	Lower	Upper
248	100		
250	195.3	79.4	119.2#
141	563.8	55.9	83.9#

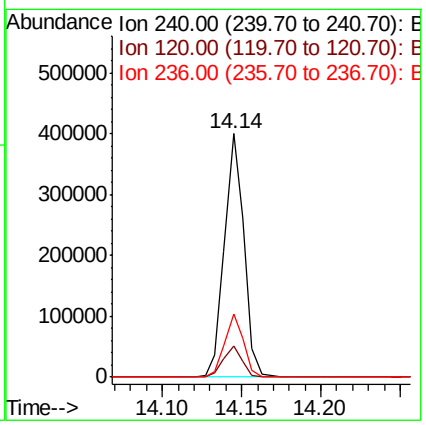


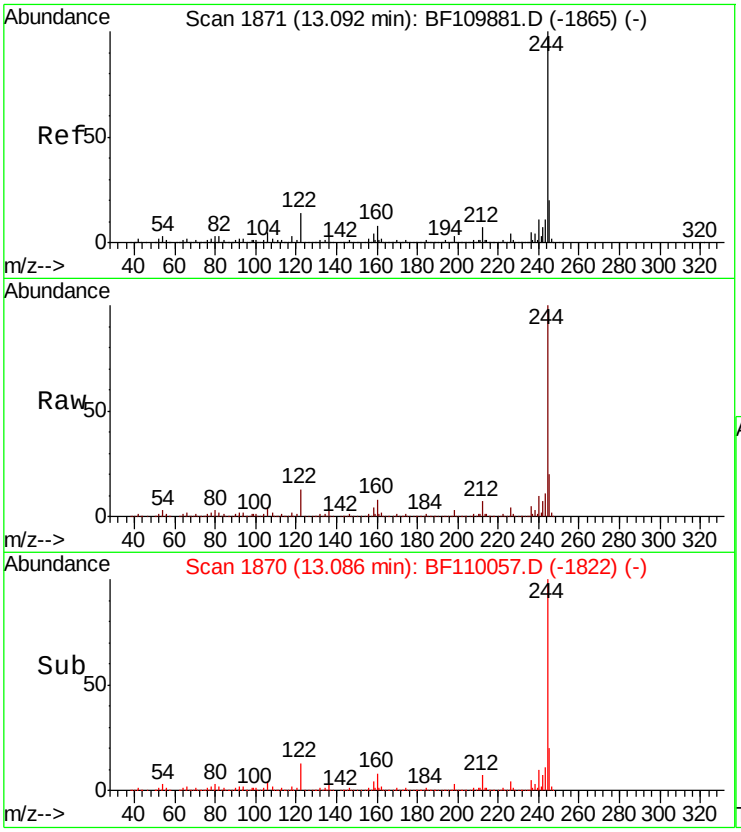


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Tgt Ion:240 Resp: 340922

Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.3	12.5#
236	25.9	21.2	31.8



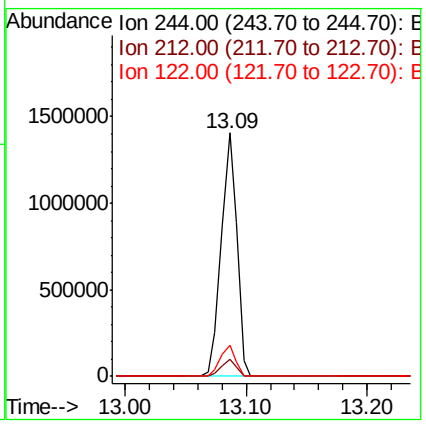


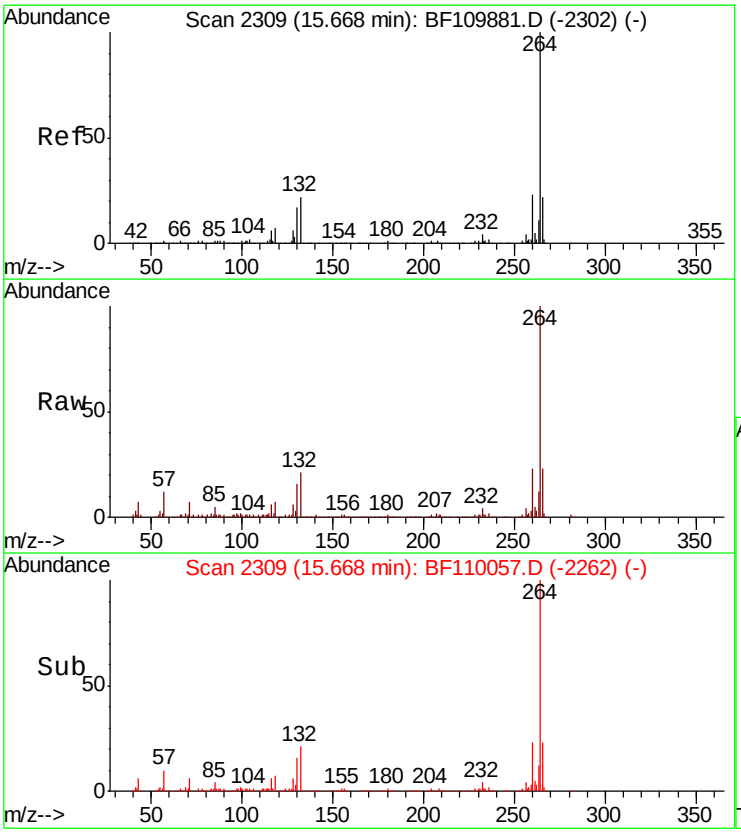
#79
Terphenyl-d14
Concen: 77.464 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1257632

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	13.0	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110057.D
Acq: 22 Oct 2018 18:59

Tgt Ion:264 Resp: 257380

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	22.7	16.7	25.1