Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110597.D
Acq On : 8 Nov 2018 20:53
Operator : JU/SJ
Sample : J5851-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 09 08:42:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 08 14:14:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	73039	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	305525	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	146689	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	299331	20.00	ng		0.00
76) Chrysene-d12	14.13	240	244498	20.00	ng		-0.01
87) Perylene-d12	15.65	264	157210	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	190530	42.37	ng		0.00
7) Phenol-d6	6.56	99	144837	25.19	ng		-0.01
23) Nitrobenzene-d5	7.51	82	552232	104.09	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	133003	89.98	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	1050205	102.25	ng		0.00
79) Terphenyl-d14	13.06	244	1027220	78.68	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.57	94	28572	4.29	ng	#	68
19) n-Nitroso-di-n-propylamine	7.51	70	72839	19.84	ng	#	79
25) Isophorone	7.51	82	552228	63.51	ng	#	67
50) Dimethylphthalate	9.69	163	38836	3.55	ng	#	99
51) 2,6-Dinitrotoluene	9.99	165	18844	7.83	ng	#	22
57) 2,4-Dinitrotoluene	9.99	165	18844	6.02	ng	#	18
67) 4-Bromophenyl-phenylether	10.77	248	9122	2.76	ng	#	1
77) Benzidine	13.06	184	13718	2.04	ng	#	95

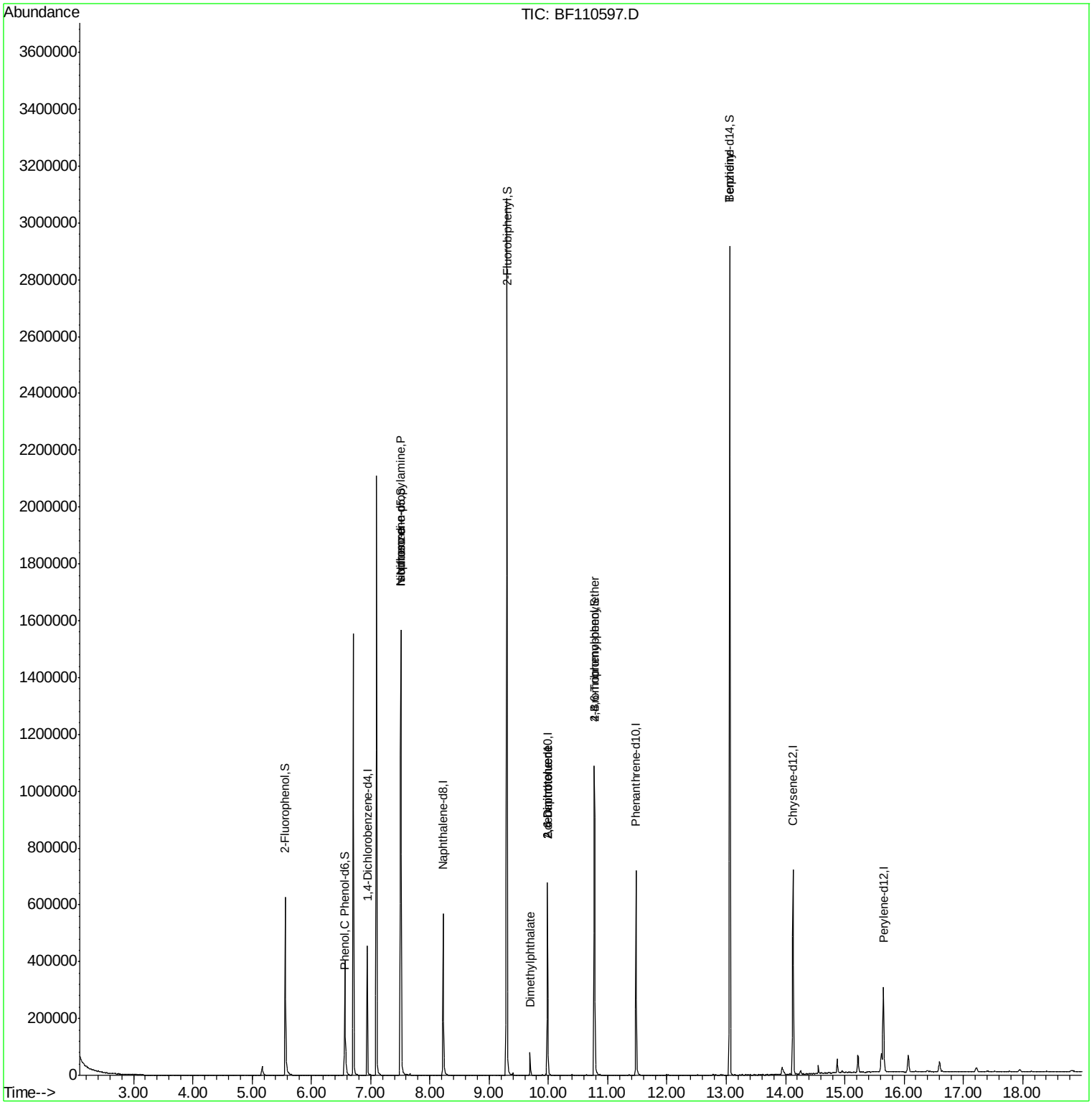
(#) = qualifier out of range (m) = manual integration (+) = signals summed

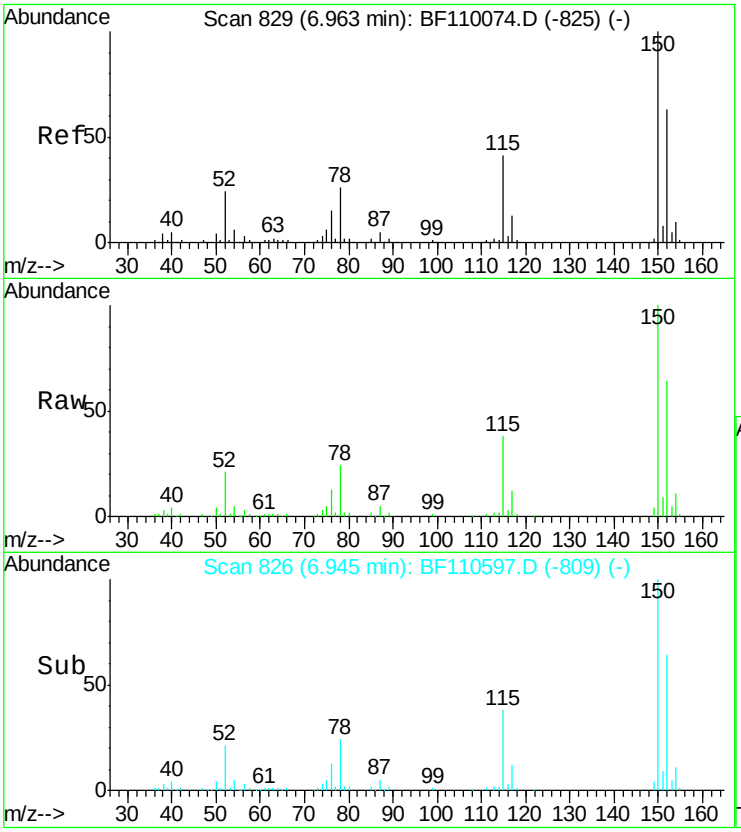
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110597.D
Acq On : 8 Nov 2018 20:53
Operator : JU/SJ
Sample : J5851-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 09 08:42:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 08 14:14:47 2018
Response via : Initial Calibration



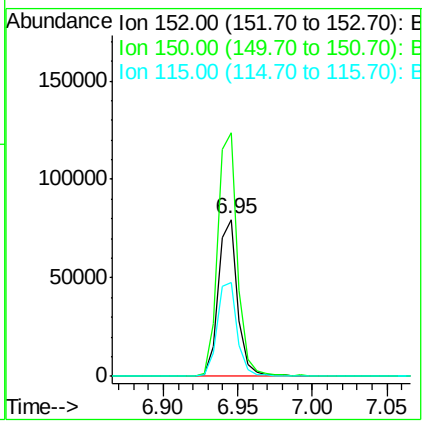


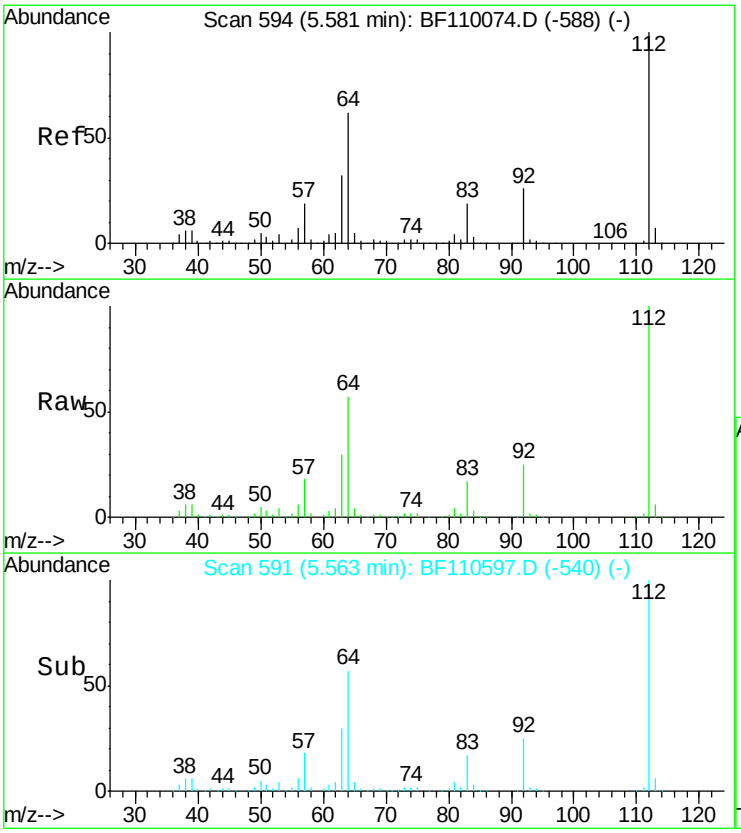
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF110597.D
Acq: 8 Nov 2018 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 73039

Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.7	184.1
115	59.5	49.1	73.7

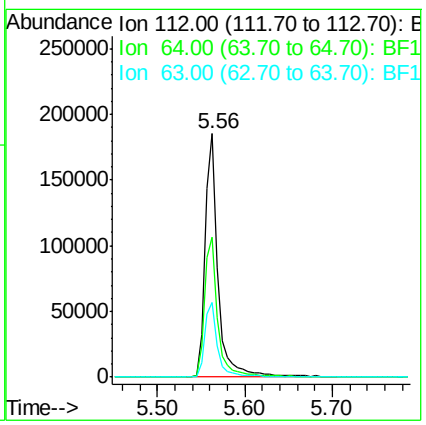


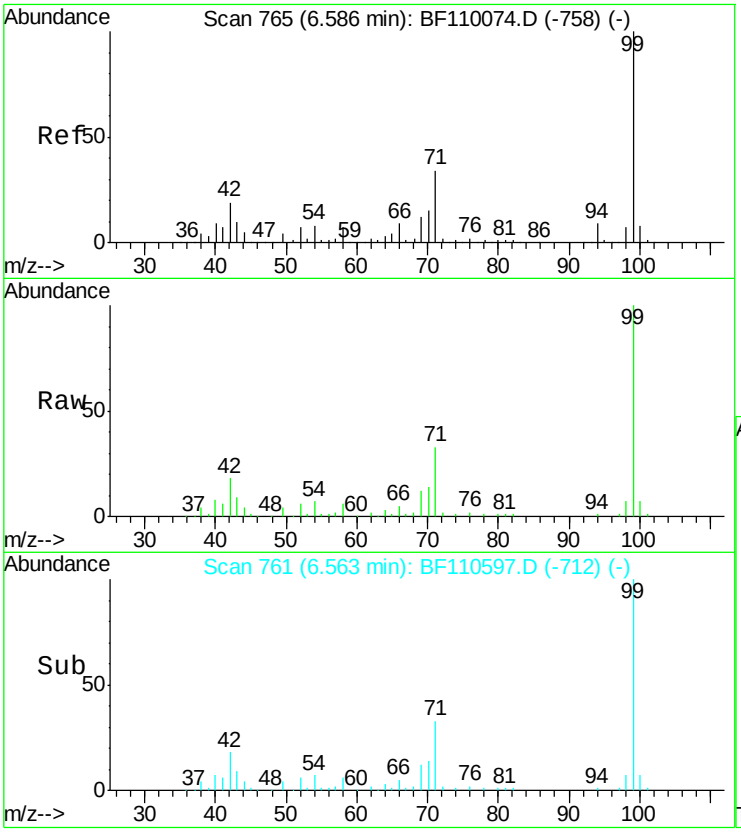


#5
2-Fluorophenol
Concen: 42.37 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF110597.D
Acq: 8 Nov 2018 20:53

Tgt Ion:112 Resp: 190530

Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.1	66.1
63	30.5	23.7	35.5



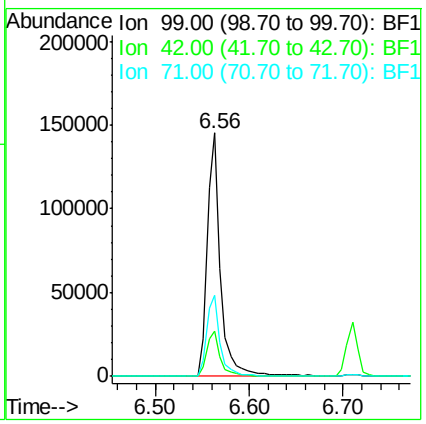


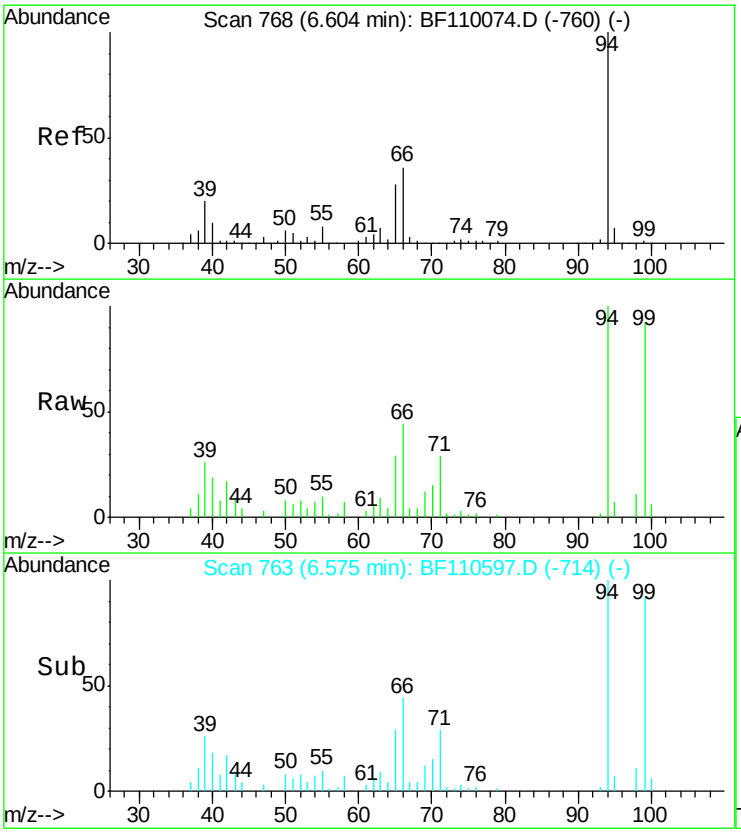
#7
Phenol-d6
Concen: 25.19 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110597.D
Acq: 8 Nov 2018 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 144837

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.8	23.6
71	33.4	28.0	42.0

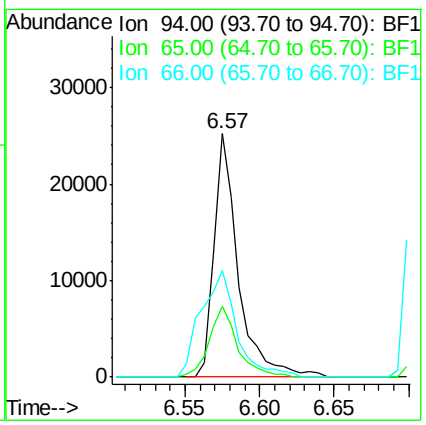


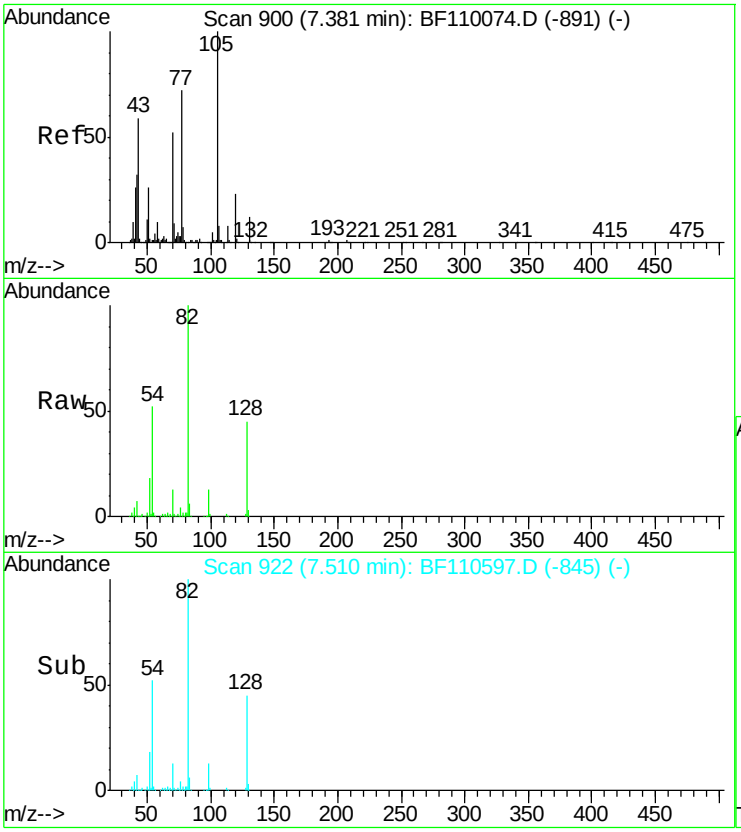


#10
Phenol
Concen: 4.29 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF110597.D
Acq: 8 Nov 2018 20:53

Tgt Ion: 94 Resp: 28572

Ion	Ratio	Lower	Upper
94	100		
65	29.2	25.3	65.3
66	43.7	54.5	94.5#



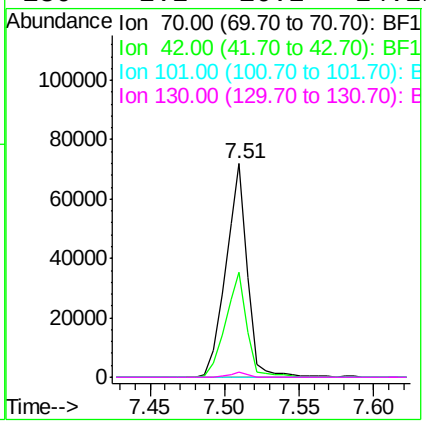


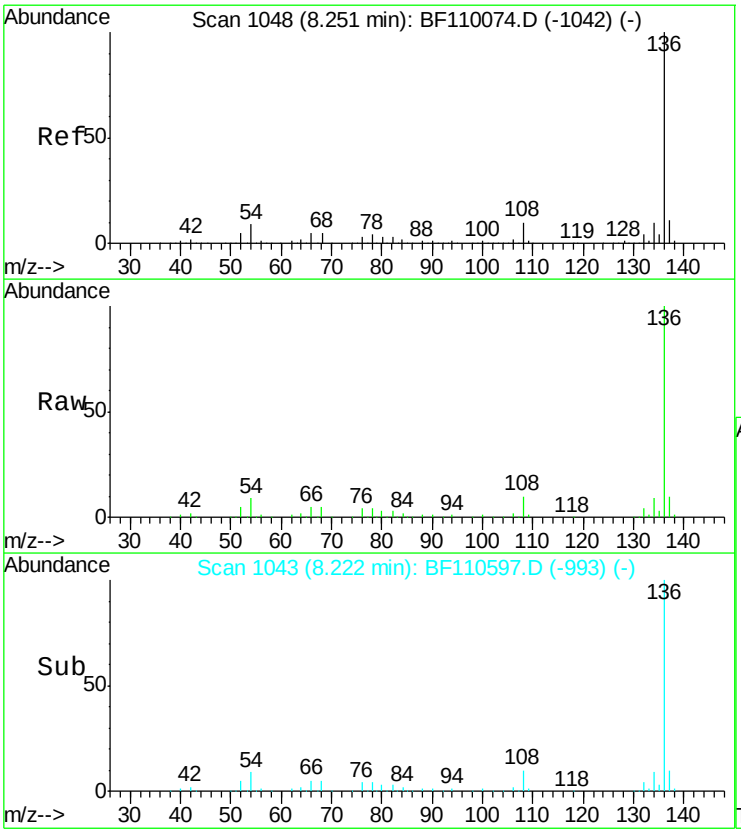
#19
n-Nitroso-di-n-propylamine
Concen: 19.84 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110597.D
Acq: 8 Nov 2018 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 72839

Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

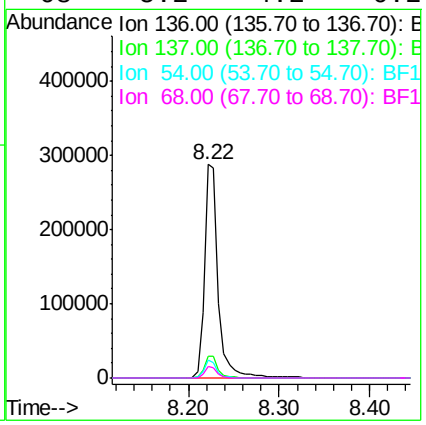


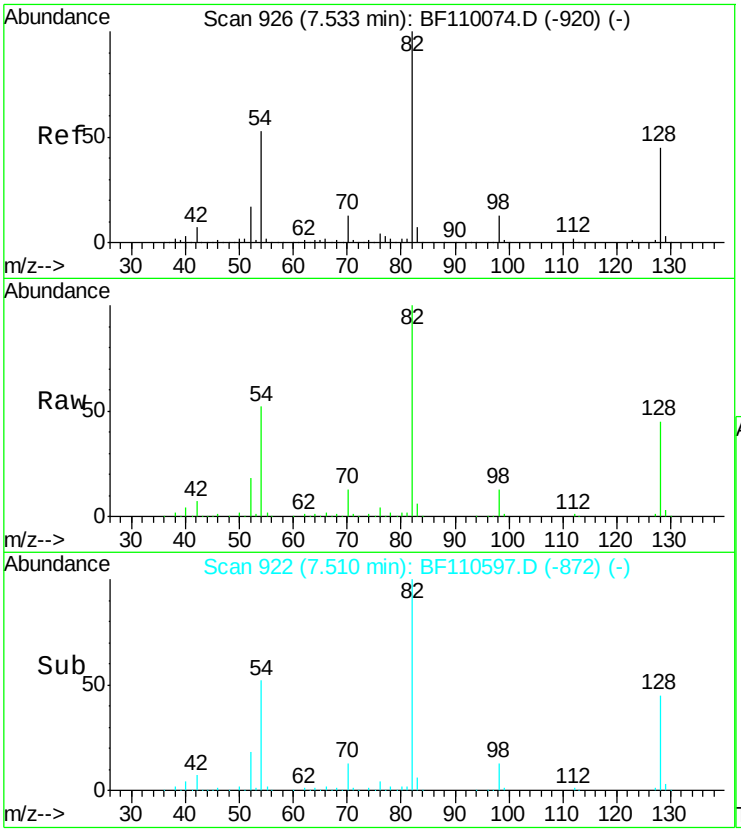


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110597.D
Acq: 8 Nov 2018 20:53

Tgt Ion:136 Resp: 305525

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	8.7	5.4	8.2#
68	5.2	4.2	6.2



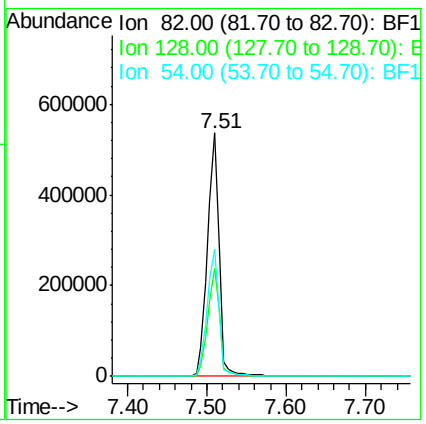


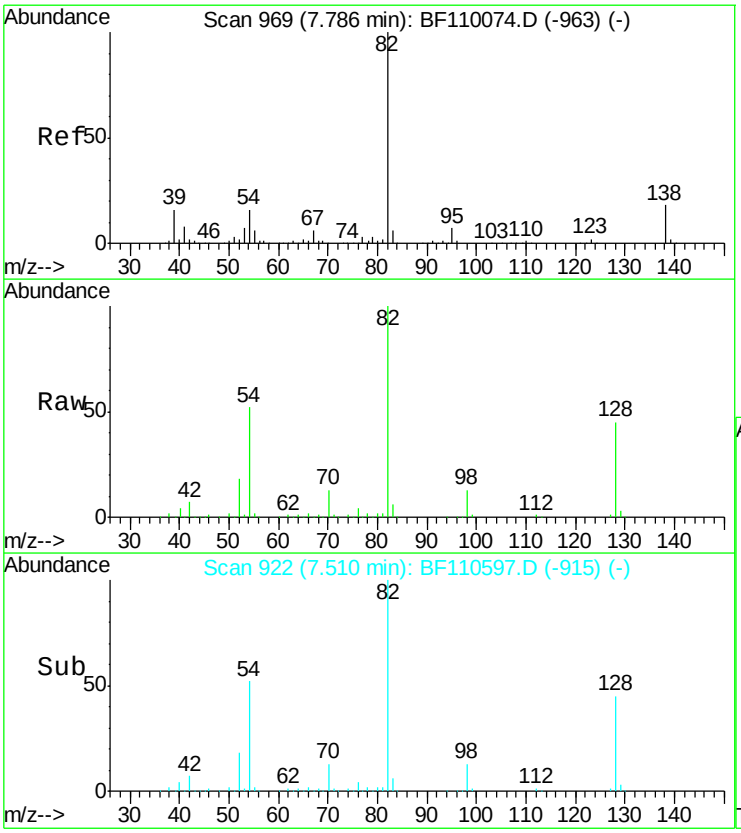
#23
Nitrobenzene-d5
Concen: 104.09 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110597.D
Acq: 8 Nov 2018 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 552232

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.2	51.2
54	52.3	38.6	58.0

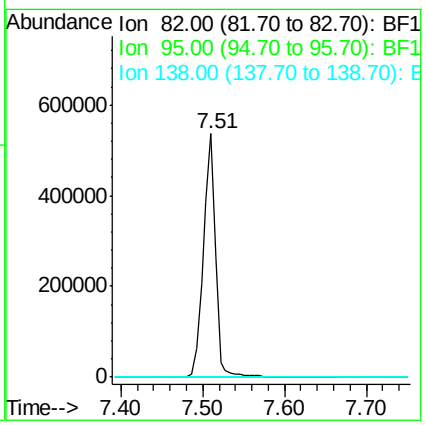


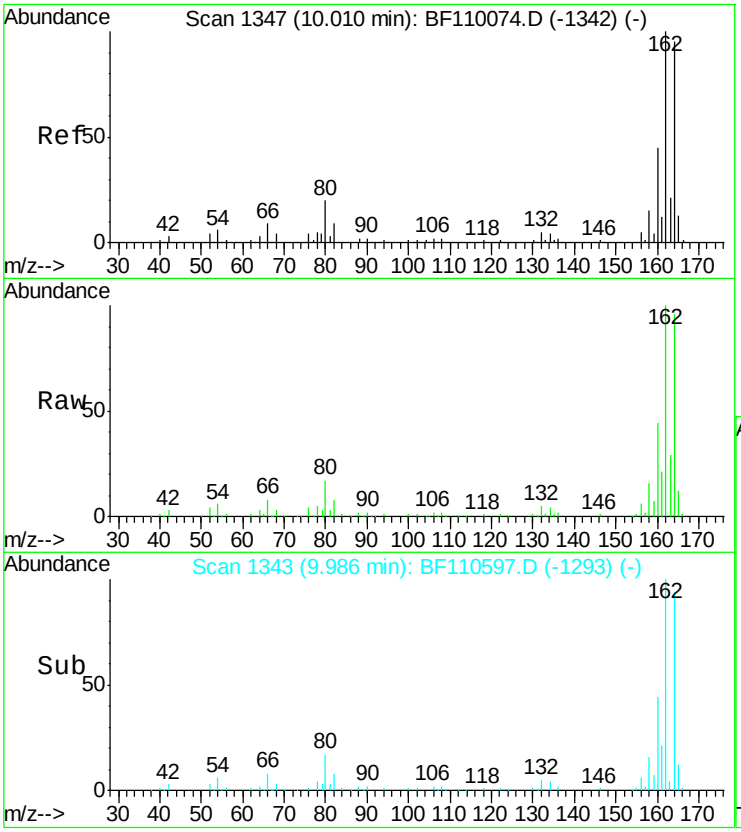


#25
Isophorone
Concen: 63.51 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110597.D
Acq: 8 Nov 2018 20:53

Tgt Ion: 82 Resp: 552228

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



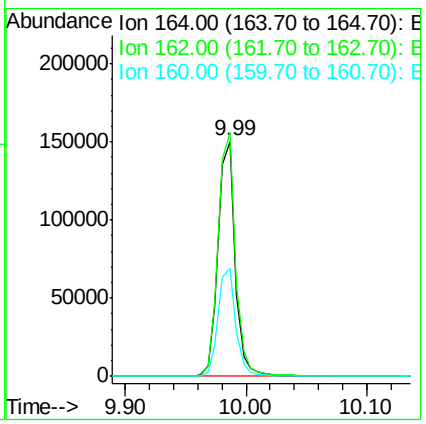


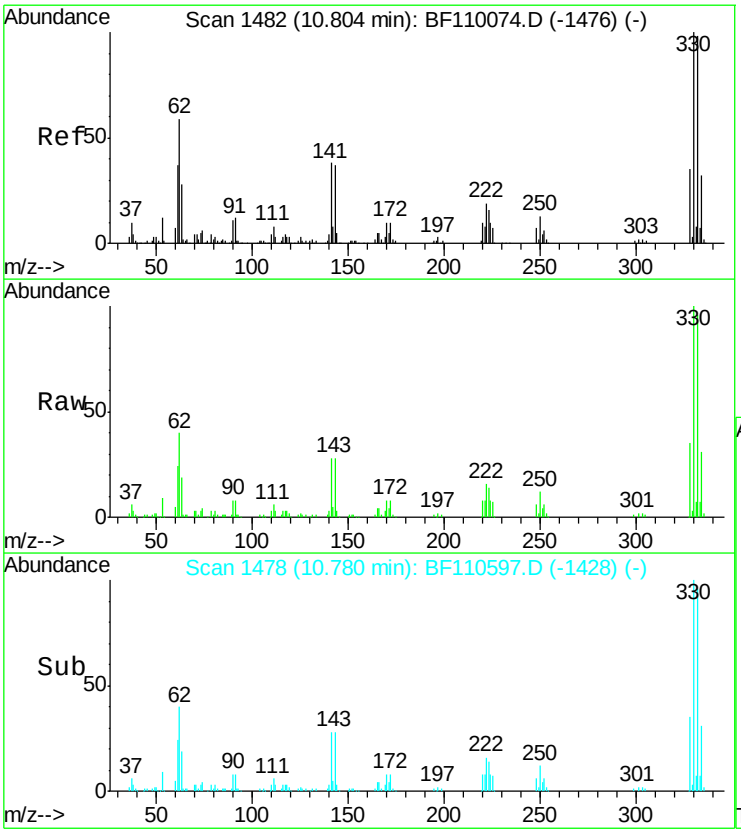
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110597.D
Acq: 8 Nov 2018 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 146689

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.0	124.6
160	46.0	37.0	55.6

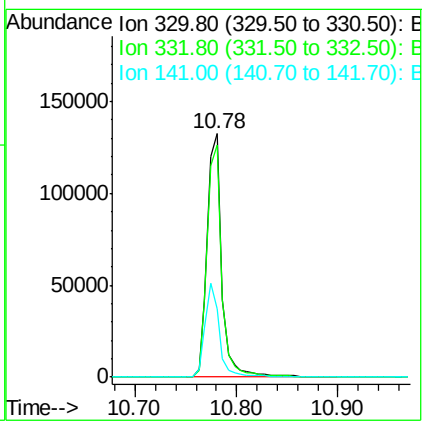


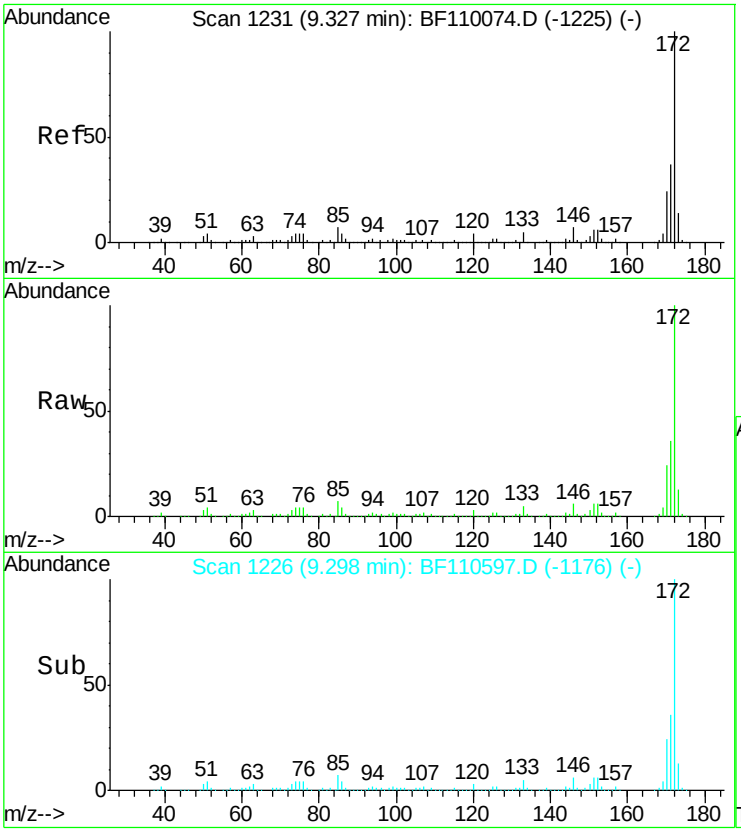


#42
2,4,6-Tribromophenol
Concen: 89.98 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110597.D
Acq: 8 Nov 2018 20:53

Tgt Ion:330 Resp: 133003

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	37.4	27.0	40.4



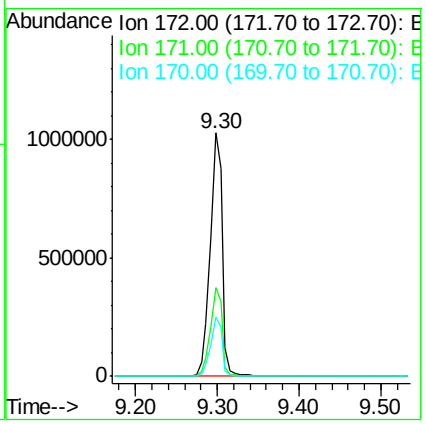


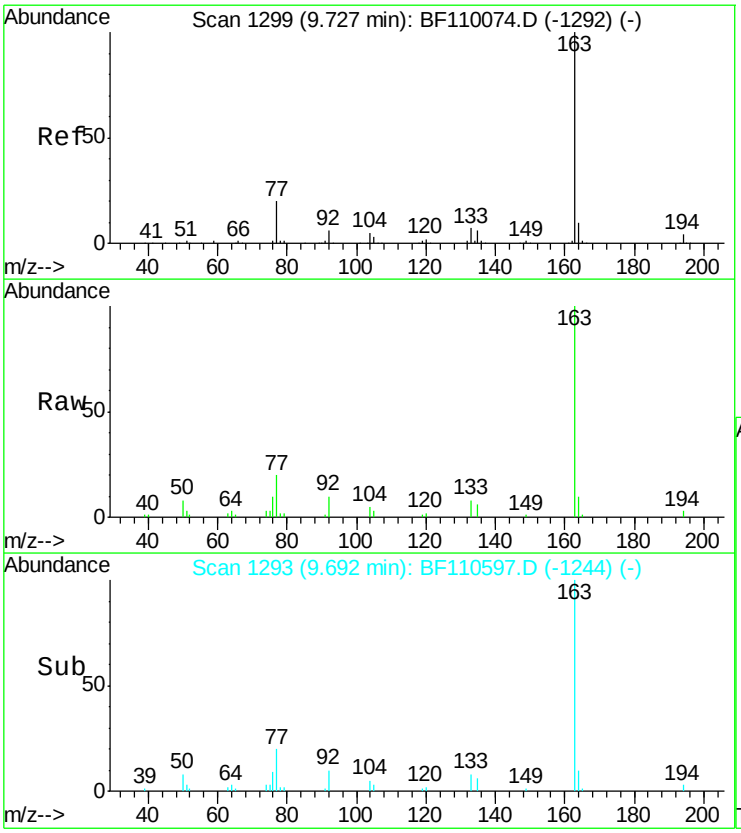
#45
2-Fluorobiphenyl
Concen: 102.25 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110597.D
Acq: 8 Nov 2018 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1050205

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.1	19.7	29.5

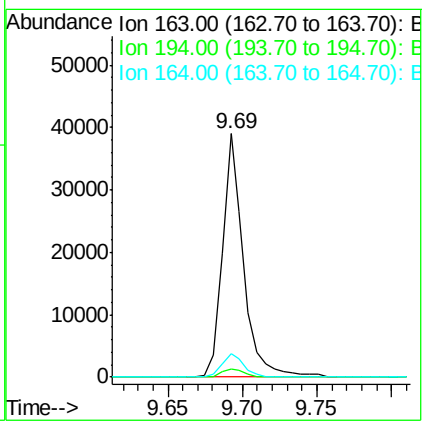


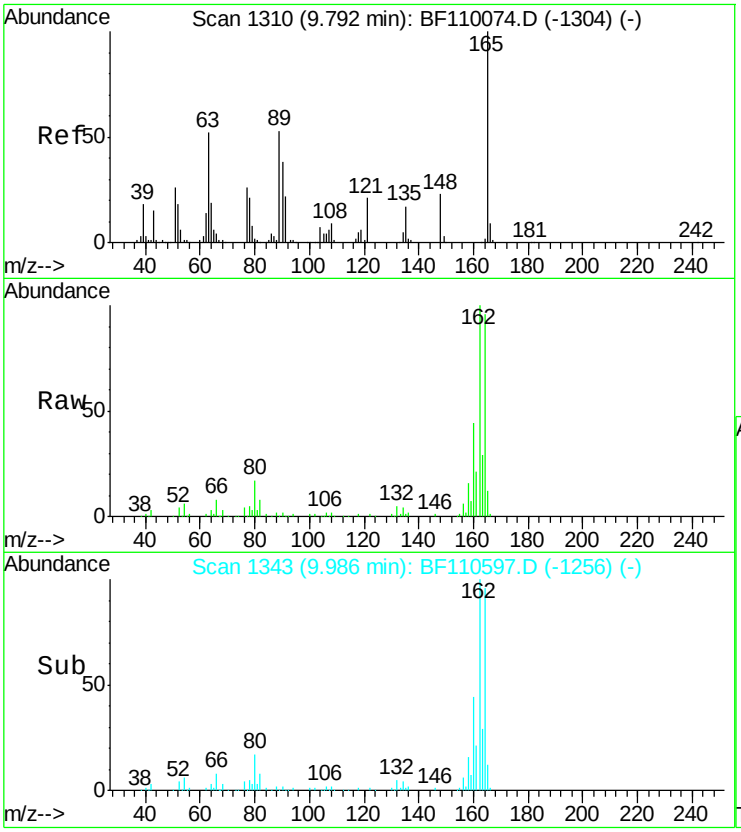


#50
Dimethylphthalate
Concen: 3.55 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110597.D
Acq: 8 Nov 2018 20:53

Tgt Ion:163 Resp: 38836

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.2	4.8#
164	9.8	8.1	12.1



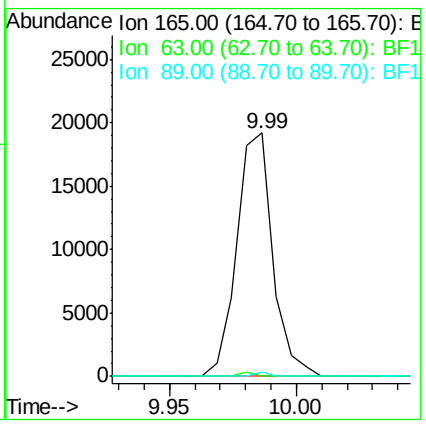


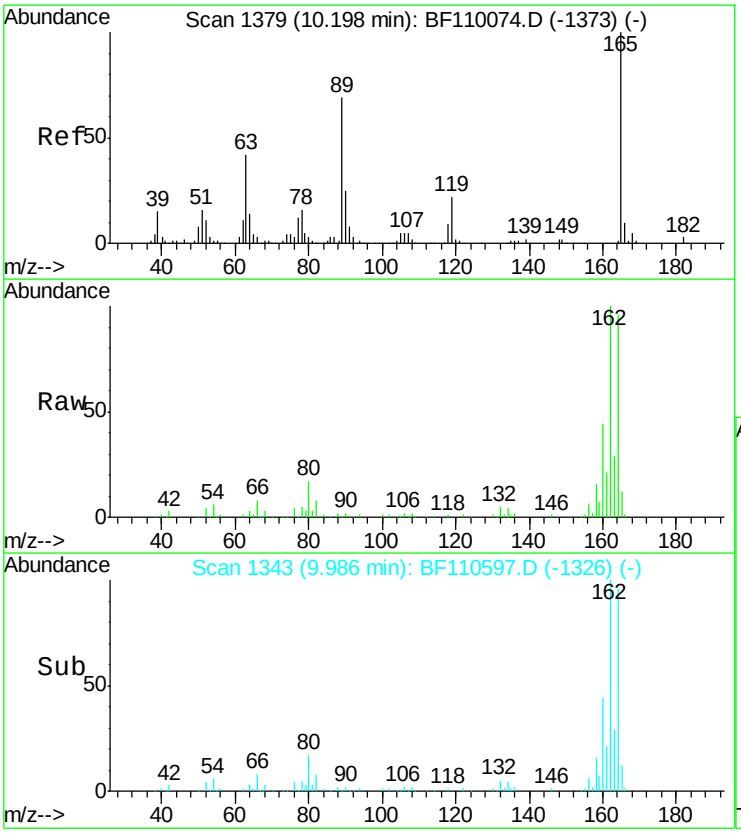
#51
2,6-Dinitrotoluene
Concen: 7.83 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110597.D
Acq: 8 Nov 2018 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18844

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.7	46.6	69.8#

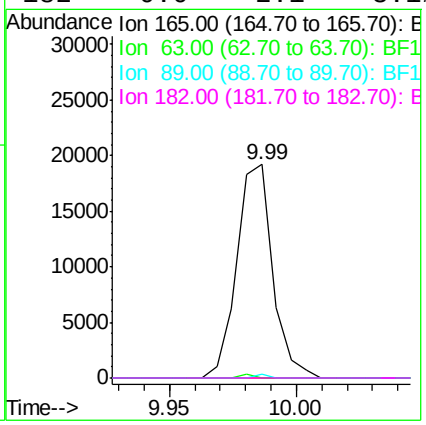


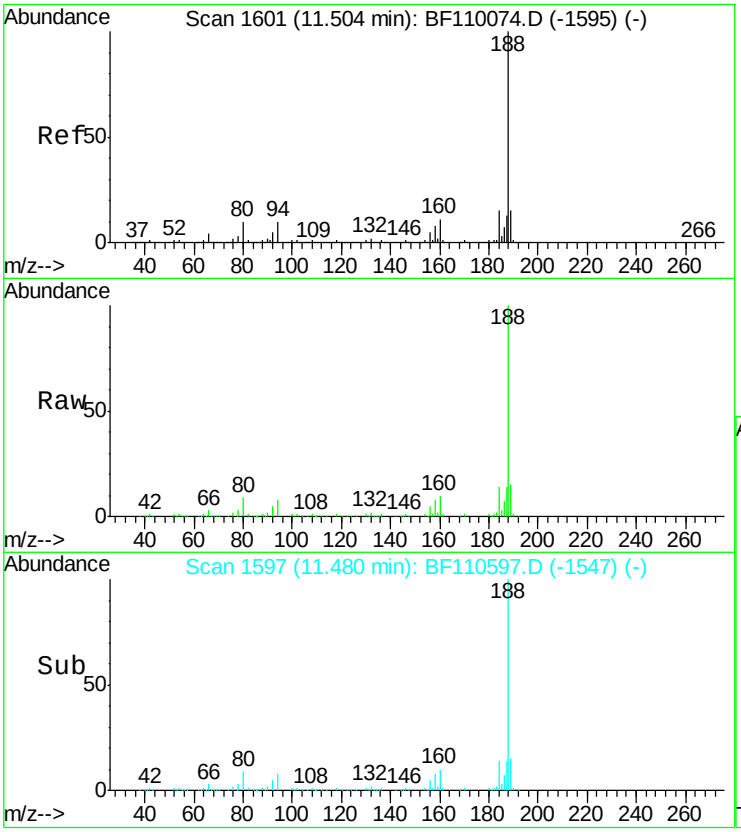


#57
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110597.D
Acq: 8 Nov 2018 20:53

Tgt Ion:165 Resp: 18844

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#



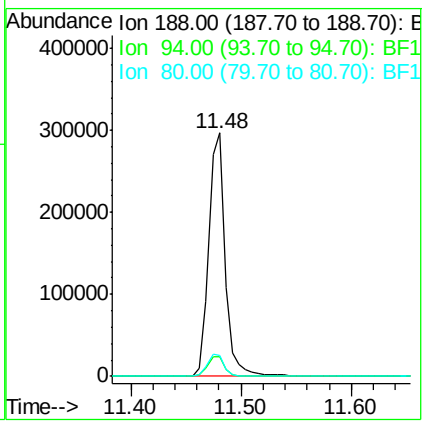


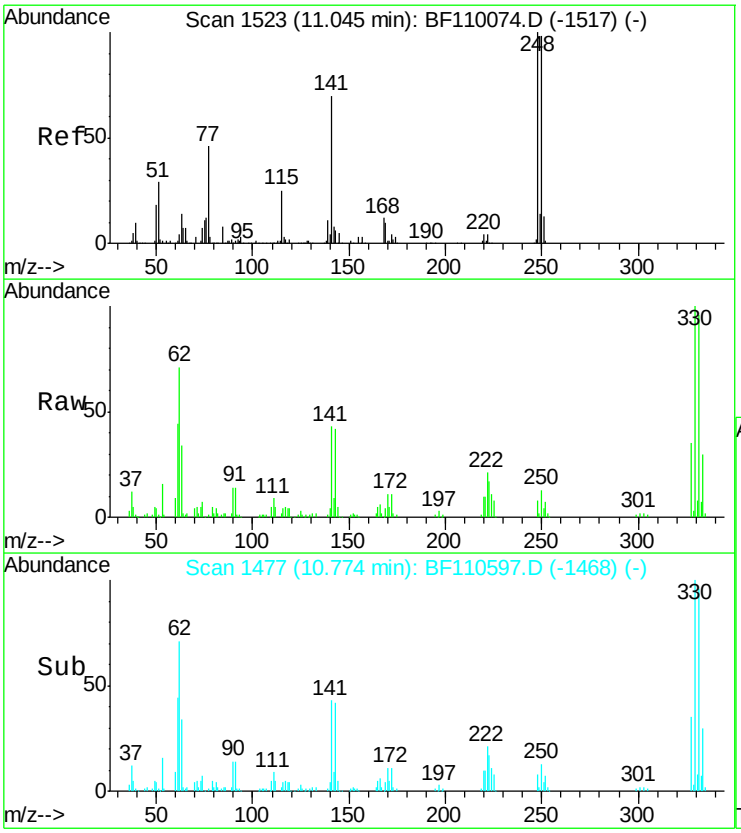
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110597.D
Acq: 8 Nov 2018 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 299331

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	8.6	7.9	11.9

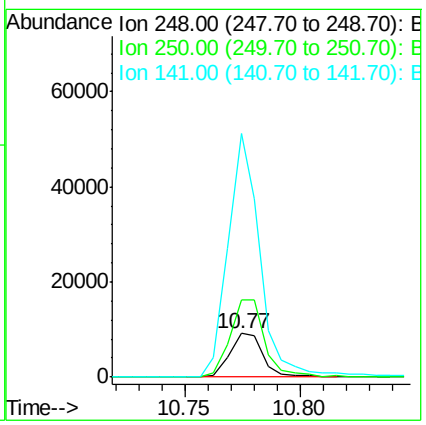


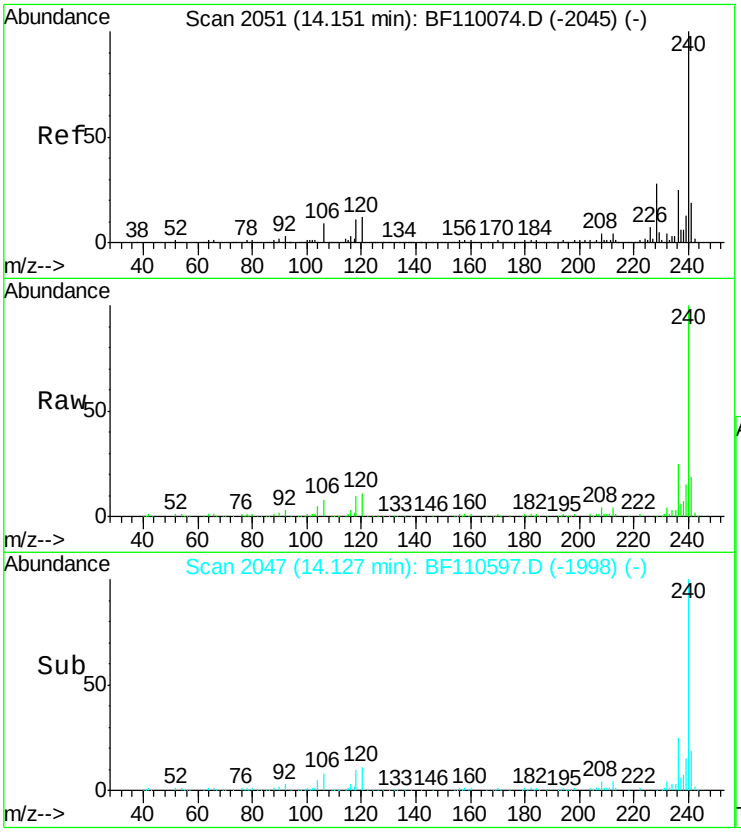


#67
4-Bromophenyl-phenylether
Concen: 2.76 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110597.D
Acq: 8 Nov 2018 20:53

Tgt Ion:248 Resp: 9122

Ion	Ratio	Lower	Upper
248	100		
250	176.3	79.4	119.2#
141	558.7	55.9	83.9#



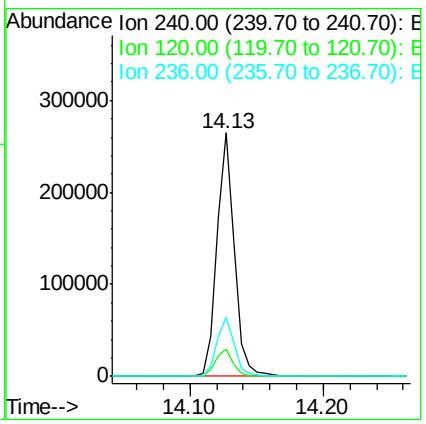


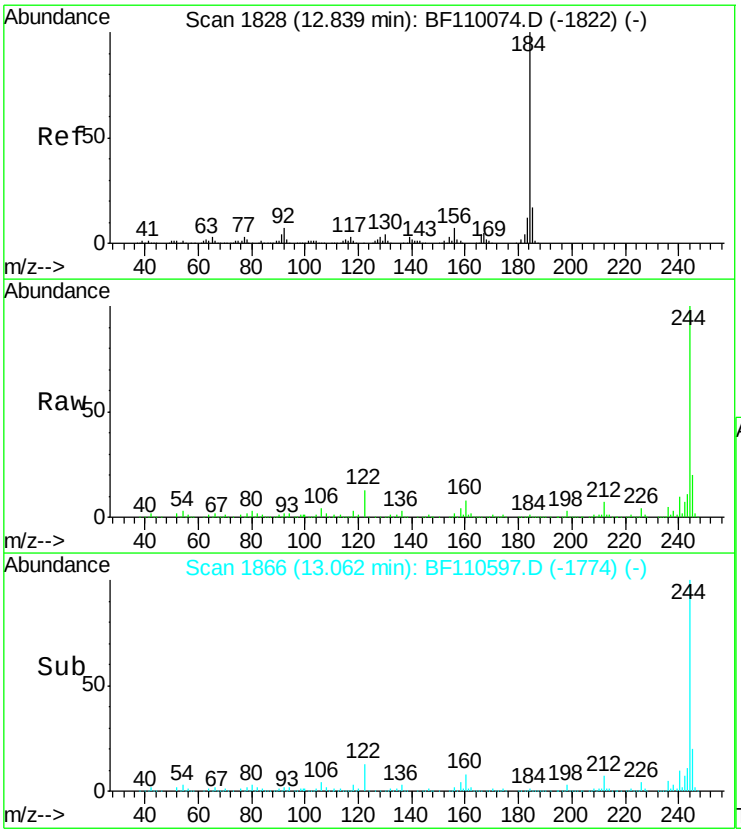
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110597.D
Acq: 8 Nov 2018 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 244498

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	24.6	21.2	31.8

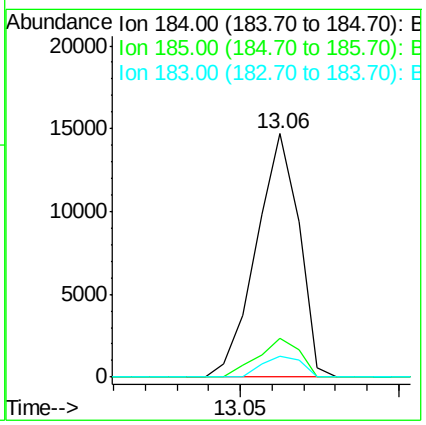


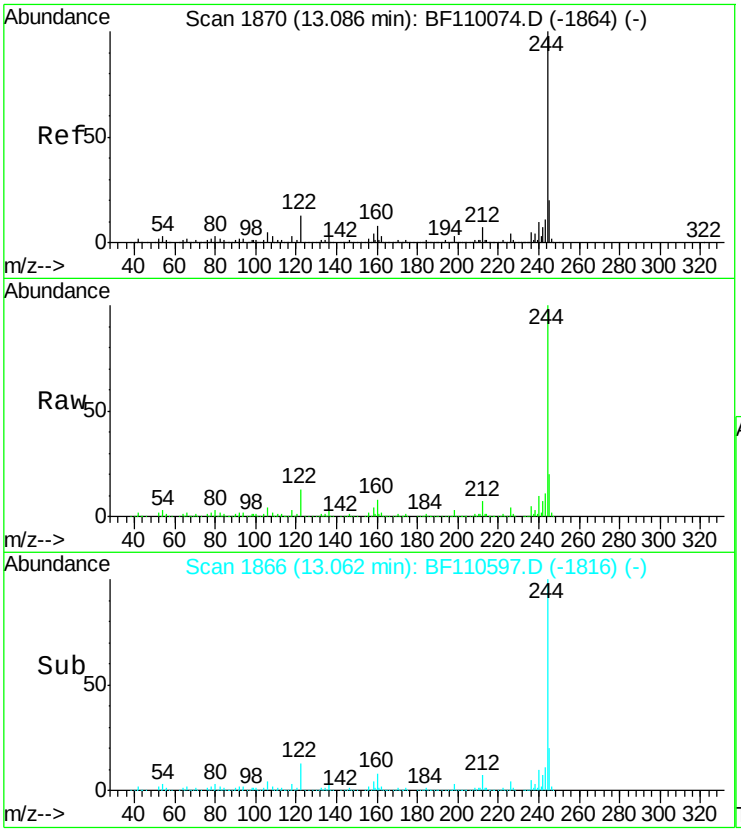


#77
Benzidine
Concen: 2.04 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.24 min
Lab File: BF110597.D
Acq: 8 Nov 2018 20:53

Tgt Ion:184 Resp: 13718

Ion	Ratio	Lower	Upper
184	100		
185	15.7	13.4	20.2
183	8.8	9.4	14.2#



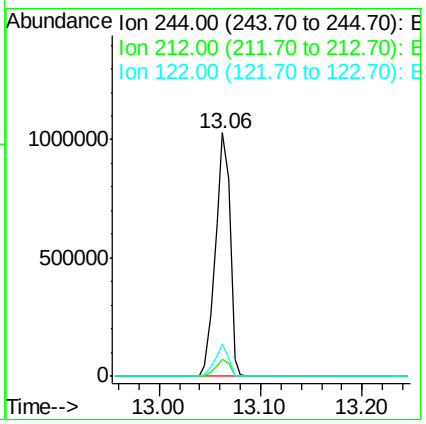


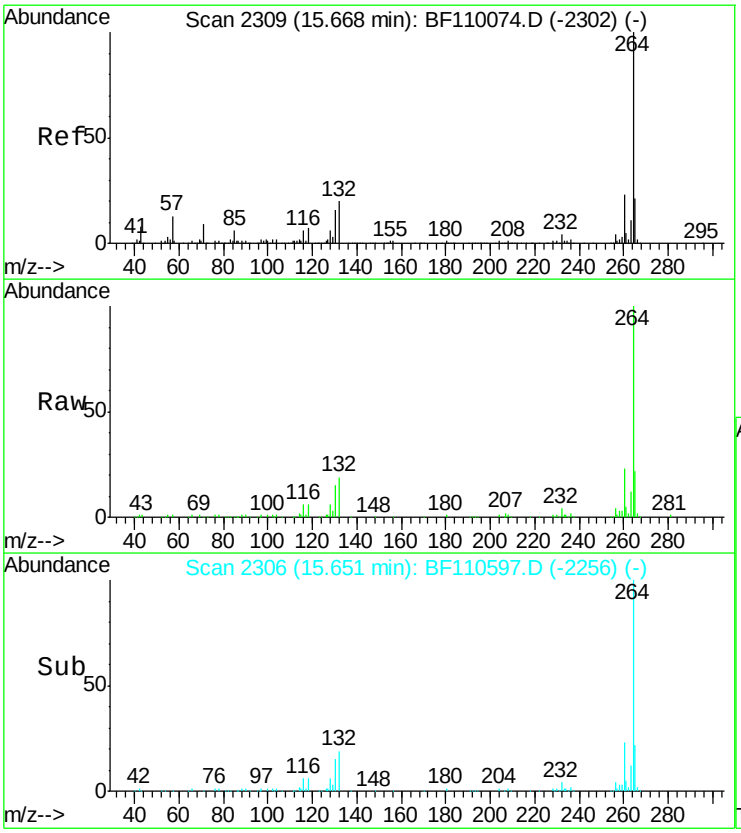
#79
Terphenyl-d14
Concen: 78.68 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110597.D
Acq: 8 Nov 2018 20:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1027220

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.2	8.7	13.1#





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF110597.D
Acq: 8 Nov 2018 20:53

Tgt Ion:264 Resp: 157210

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	22.0	16.7	25.1