Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
Data File : BF100611.D
Acq On : 16 Nov 2017 2:33
Operator : SJ/JU
Sample : I6426-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 16 03:41:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 13:27:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	116179	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	447135	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	200873	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	348052	20.00	ng		0.00
75) Chrysene-d12	14.04	240	229295	20.00	ng		-0.01
86) Perylene-d12	15.51	264	234502	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	338277	46.67	ng		0.00
7) Phenol-d6	6.50	99	265845	29.75	ng		-0.02
23) Nitrobenzene-d5	7.45	82	701547	103.73	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	189162	92.41	ng		-0.01
44) 2-Fluorobiphenyl	9.24	172	1261414	95.62	ng		0.00
78) Terphenyl-d14	12.99	244	931666	93.36	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	92274	14.89	ng	#	80
25) Isophorone	7.45	82	701118	49.33	ng	#	64
47) 2-Nitroaniline	9.63	65	177	2.83	ng	#	1
49) Dimethylphthalate	9.63	163	35331	2.30	ng		99
50) 2,6-Dinitrotoluene	9.92	165	24963	8.22	ng	#	25
56) 2,4-Dinitrotoluene	9.92	165	24963	6.52	ng	#	23
62) Azobenzene	10.63	77	49721	3.44	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.70	198	279	8.70	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	11178	3.00	ng	#	1

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

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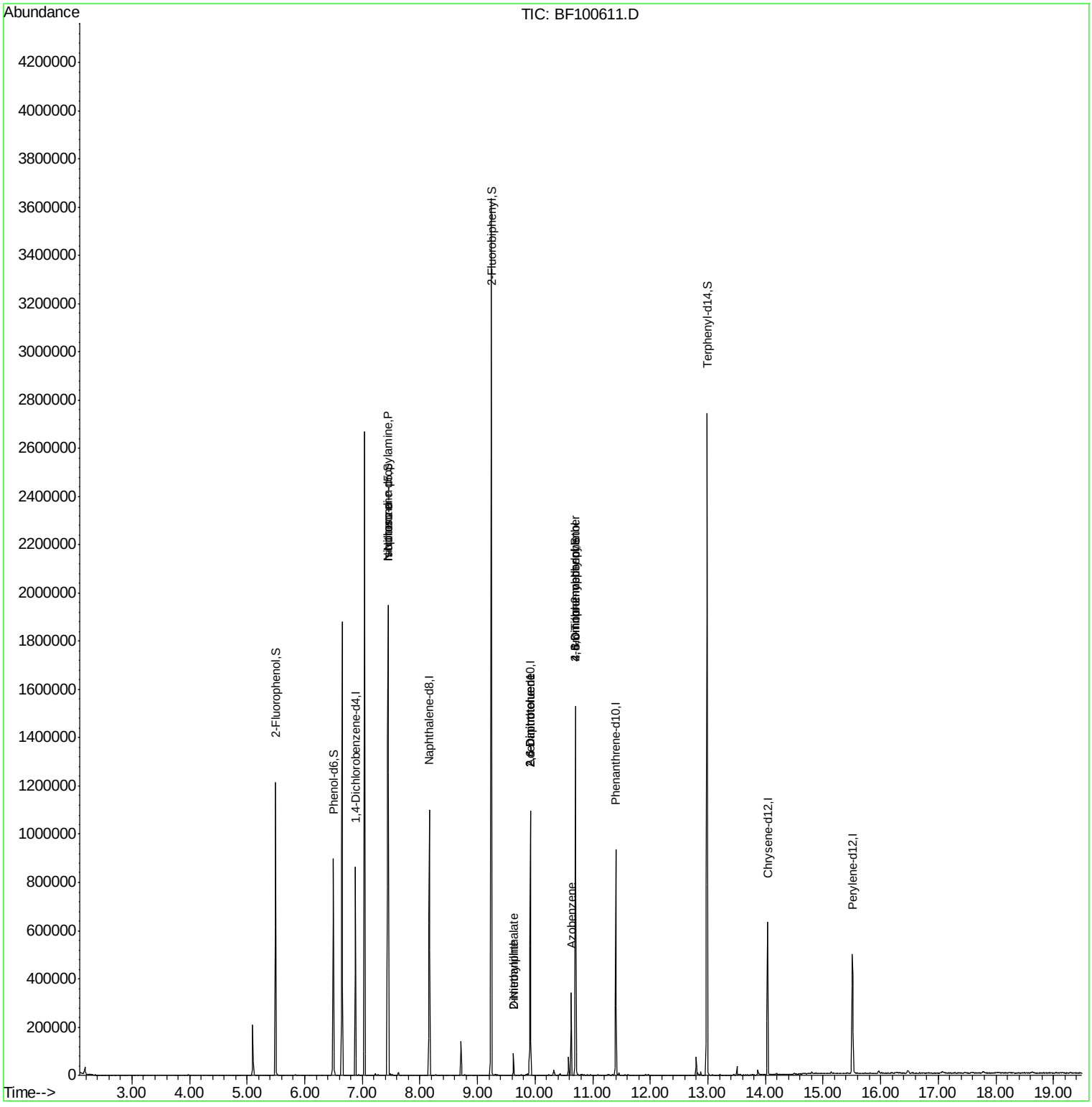
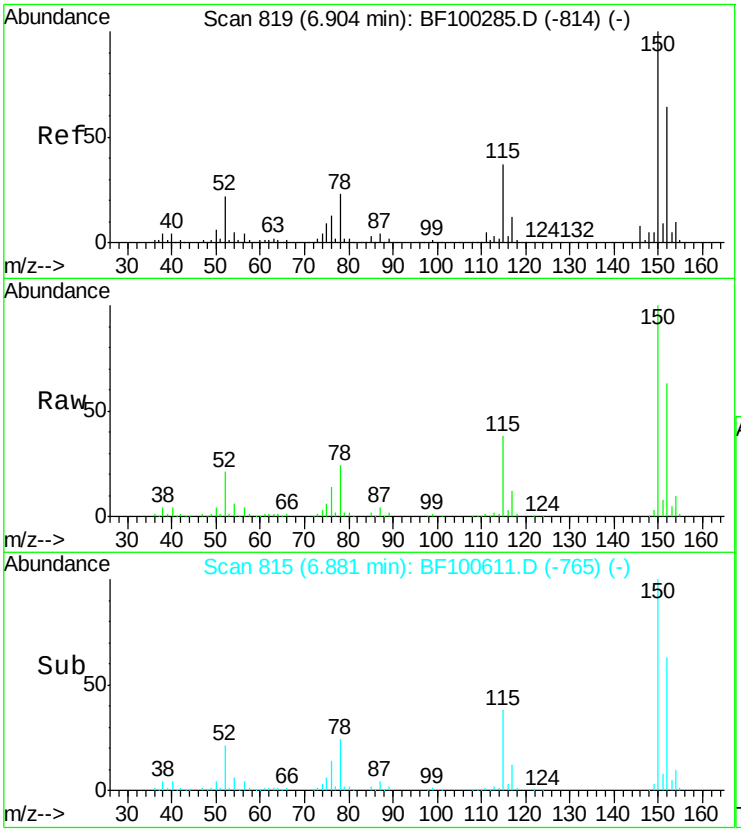


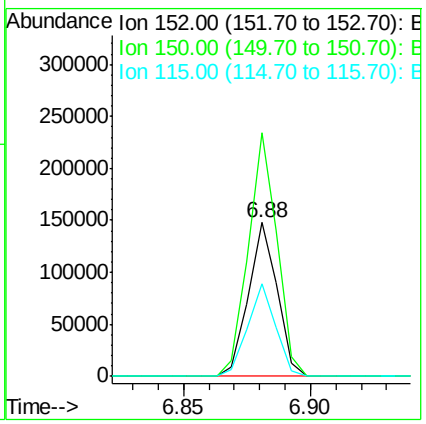


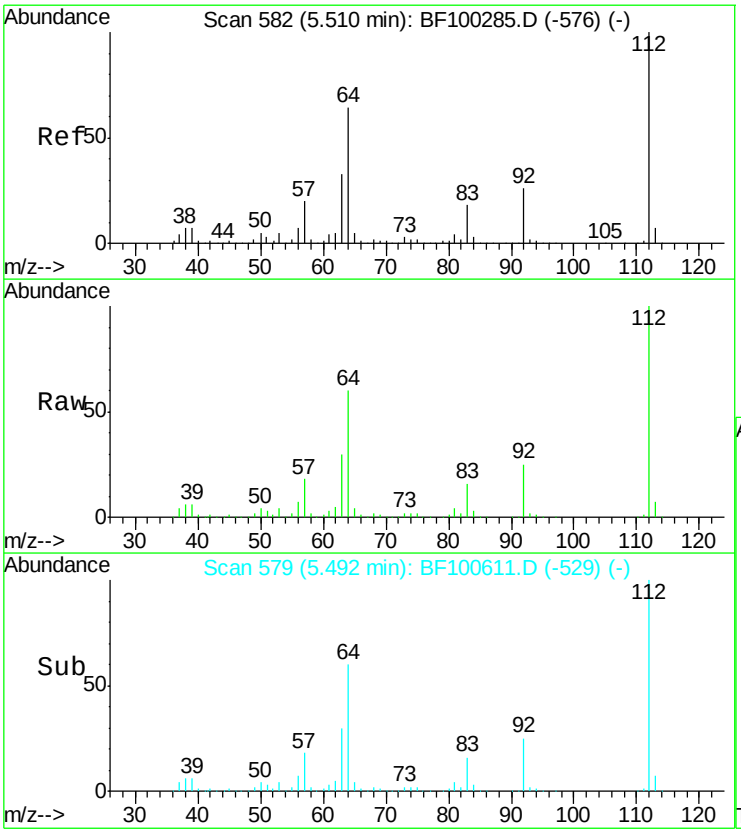
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 116179

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	60.4	50.1	75.1

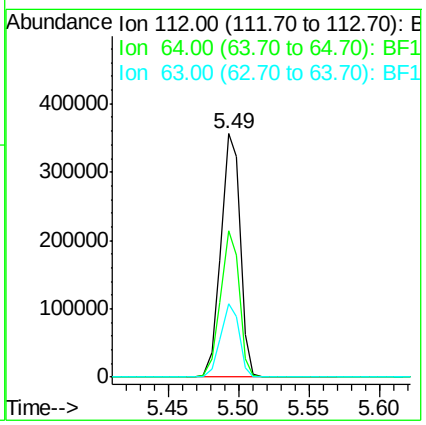


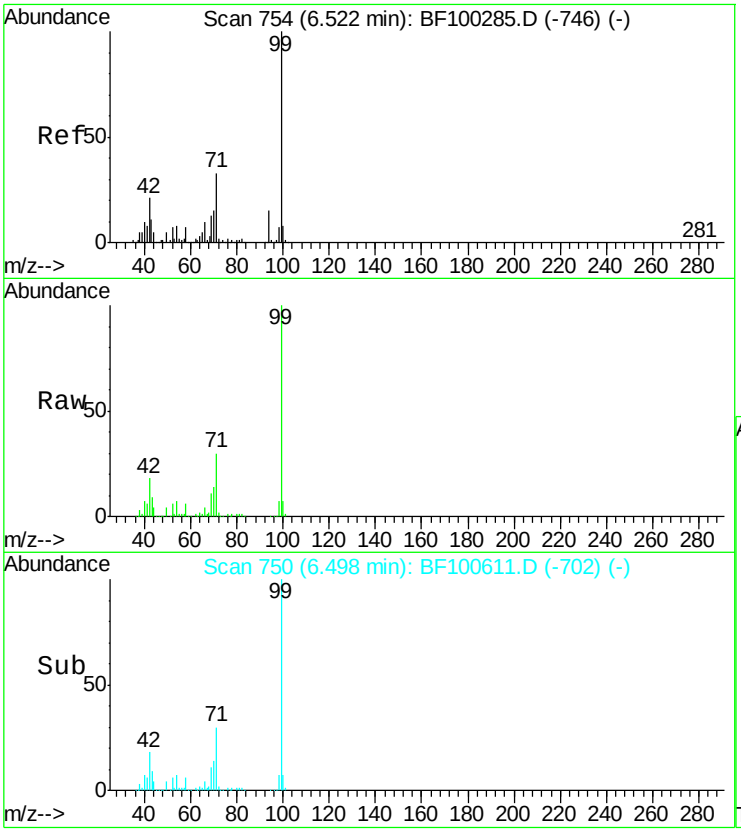


#5
2-Fluorophenol
Concen: 46.67 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Tgt Ion:112 Resp: 338277

Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	30.2	23.7	35.5



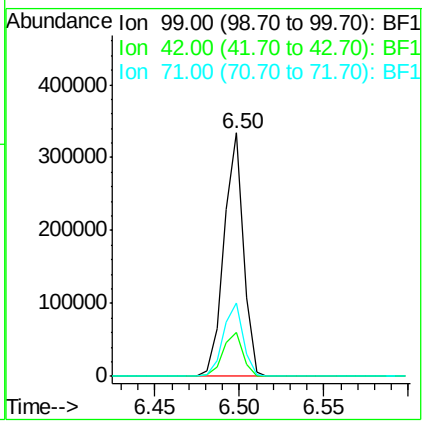


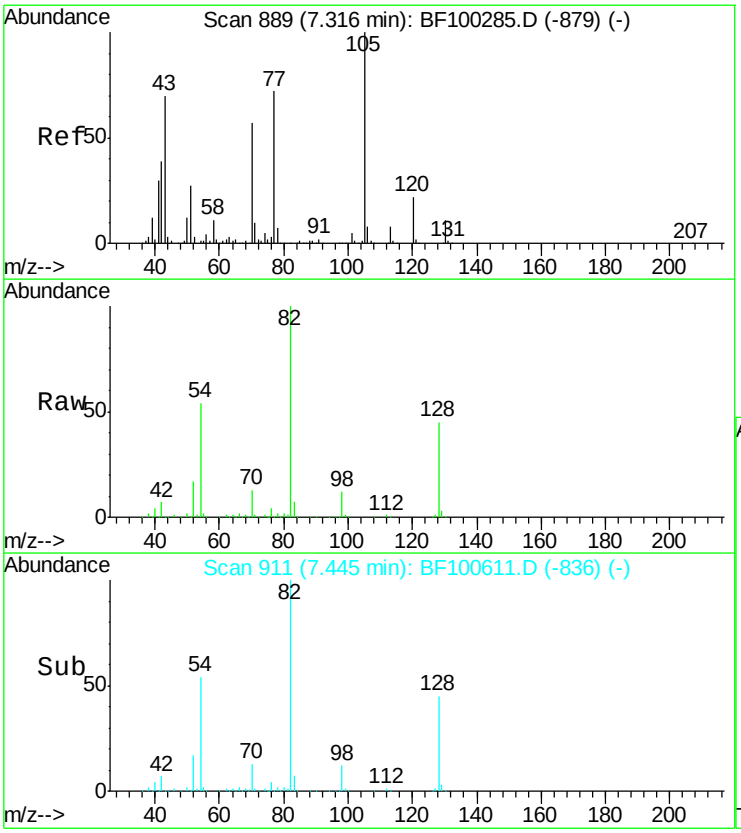
#7
Phenol-d6
Concen: 29.75 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 265845

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	30.3	25.4	38.0

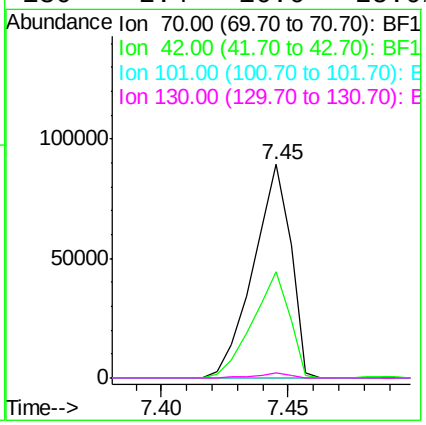


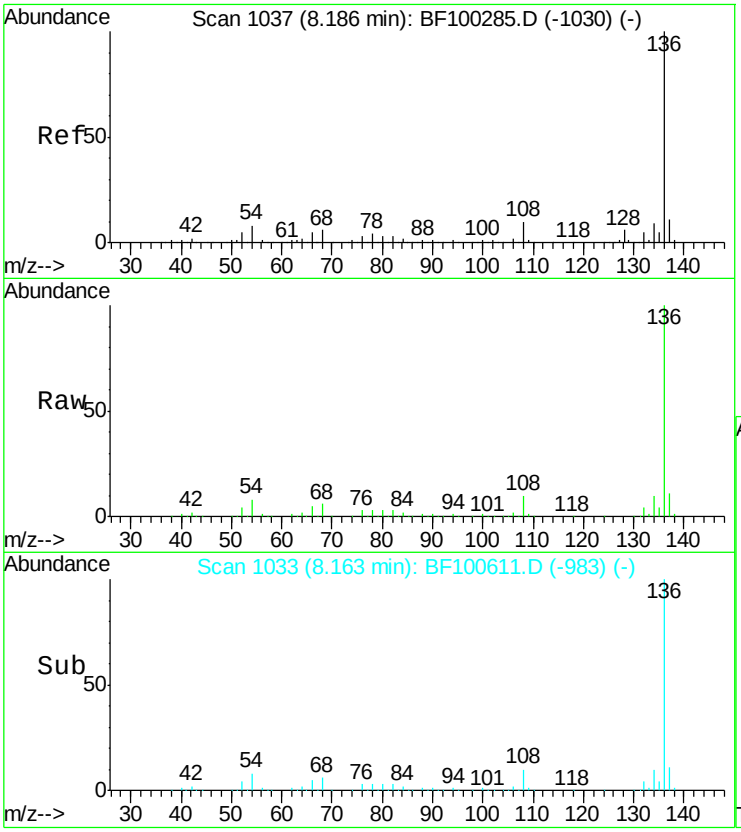


#19
n-Nitroso-di-n-propylamine
Concen: 14.89 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Tgt Ion: 70 Resp: 92274

Ion	Ratio	Lower	Upper
70	100		
42	49.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



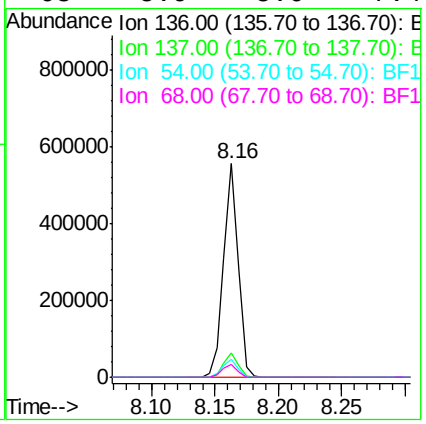


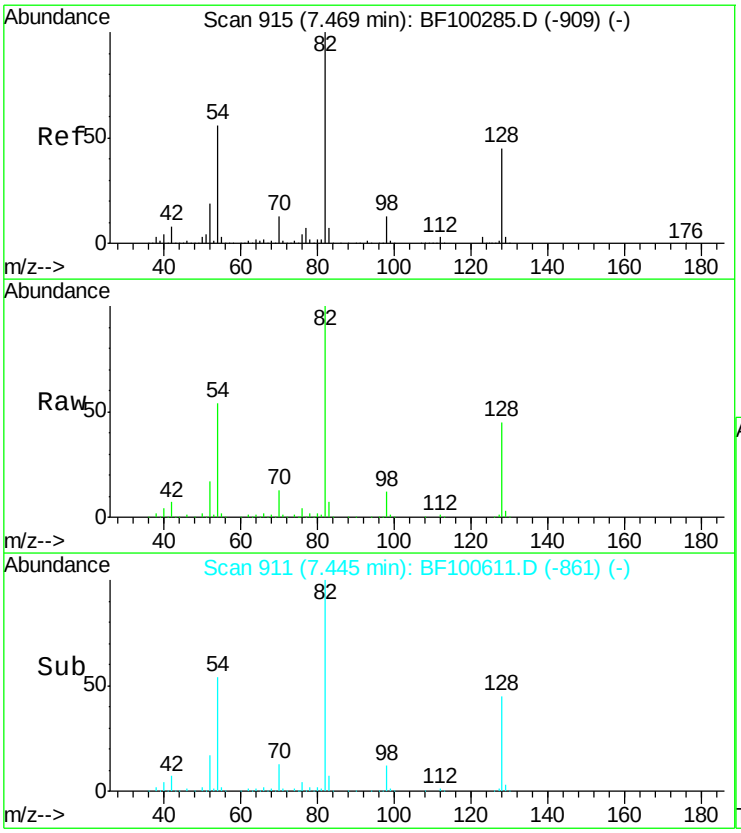
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 447135

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.5	6.6	9.8
68	5.9	5.0	7.4

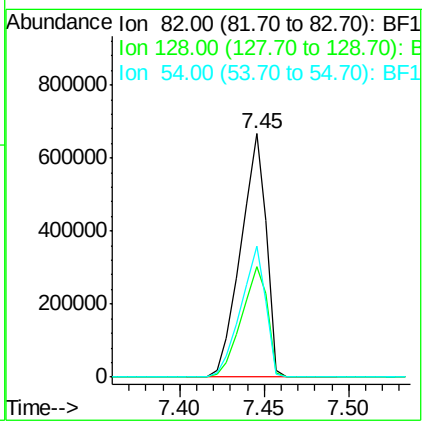


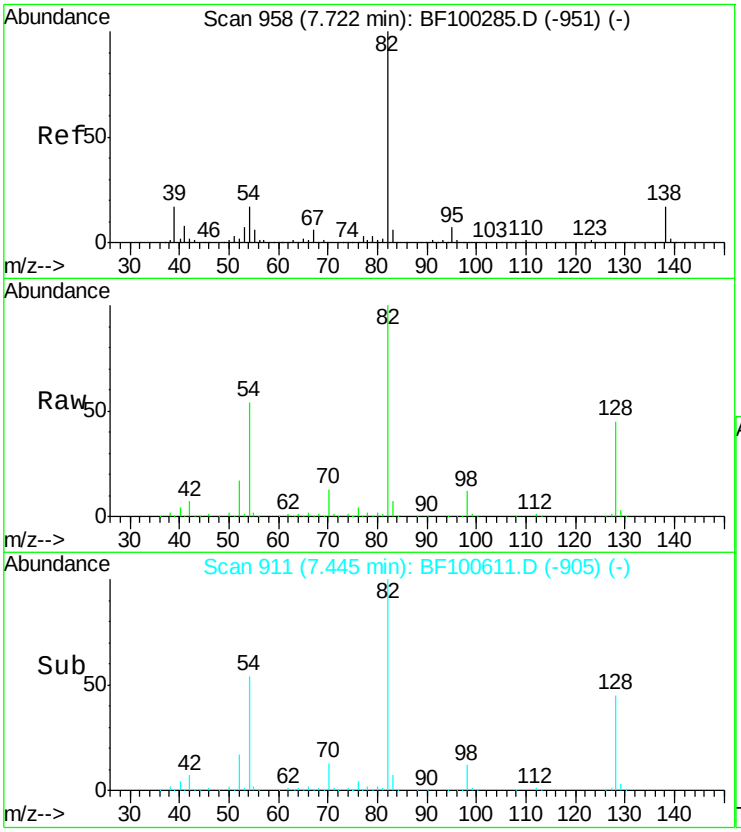


#23
Nitrobenzene-d5
Concen: 103.73 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Tgt Ion: 82 Resp: 701547

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	53.8	41.4	62.2



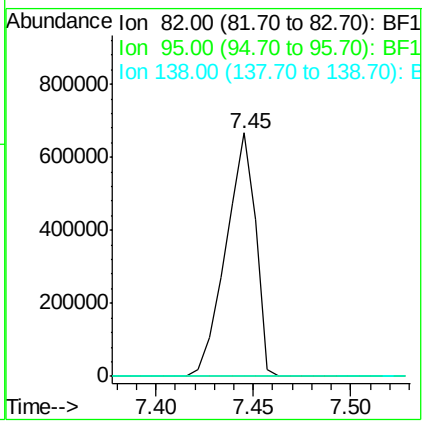


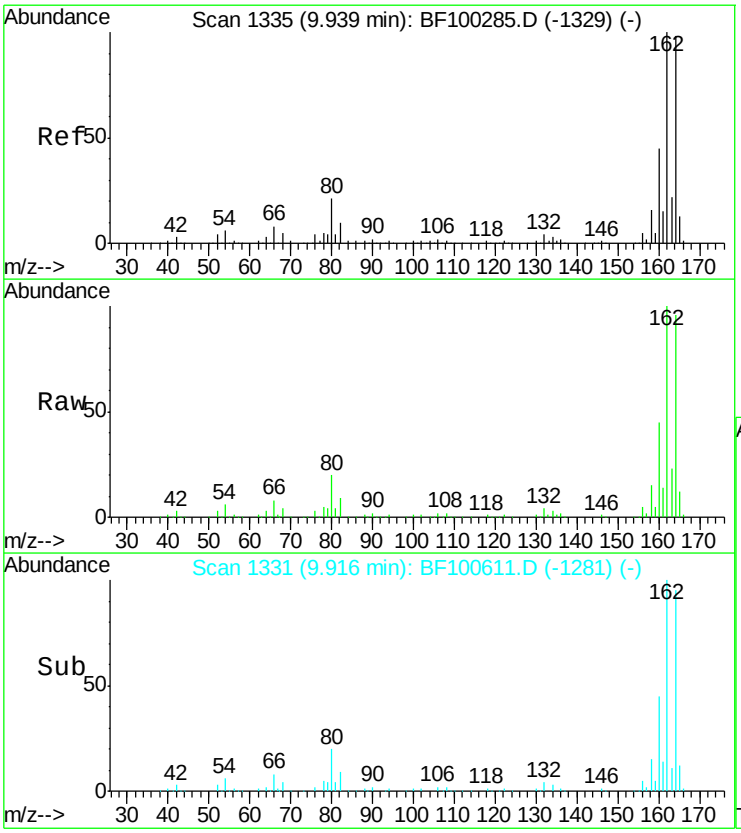
#25
Isophorone
Concen: 49.33 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 701118

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

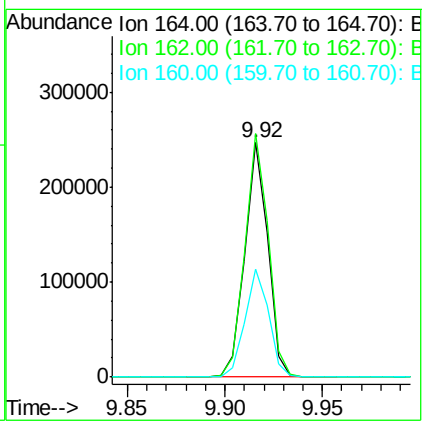


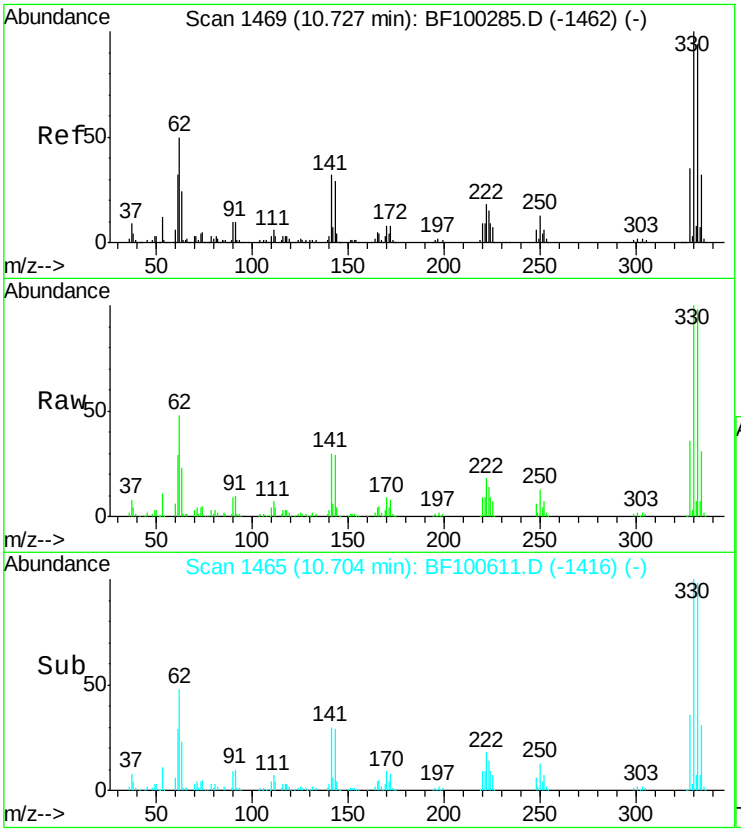


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Tgt Ion:164 Resp: 200873

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	46.3	38.3	57.5



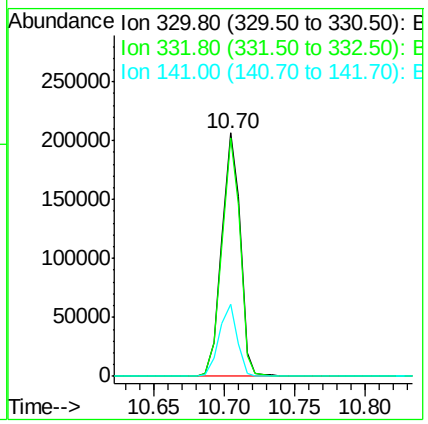


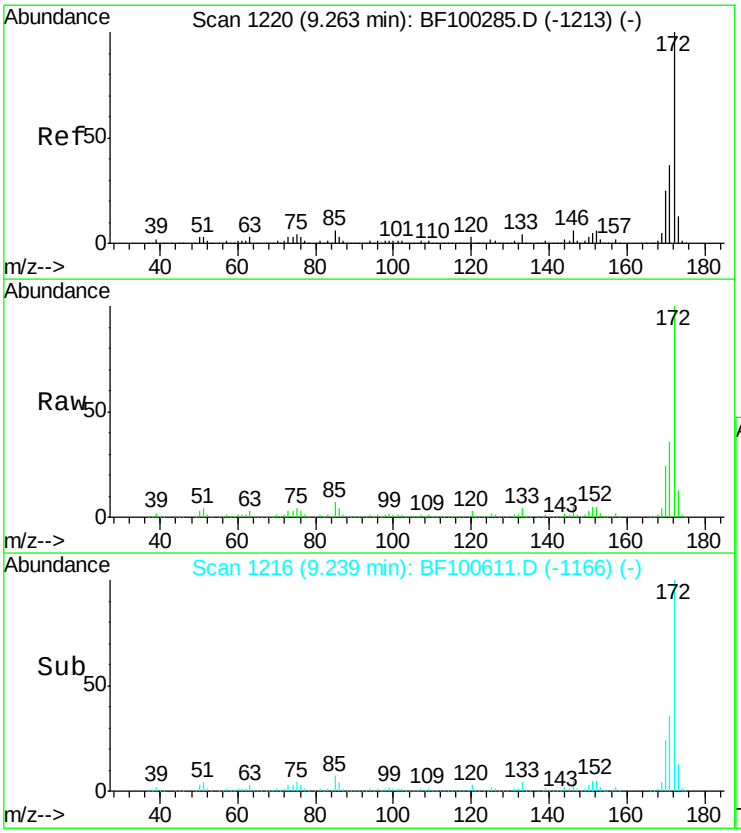
#41
2,4,6-Tribromophenol
Concen: 92.41 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 189162

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	29.0	29.9	44.9#

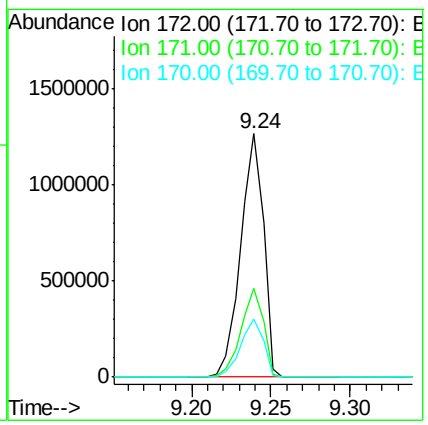


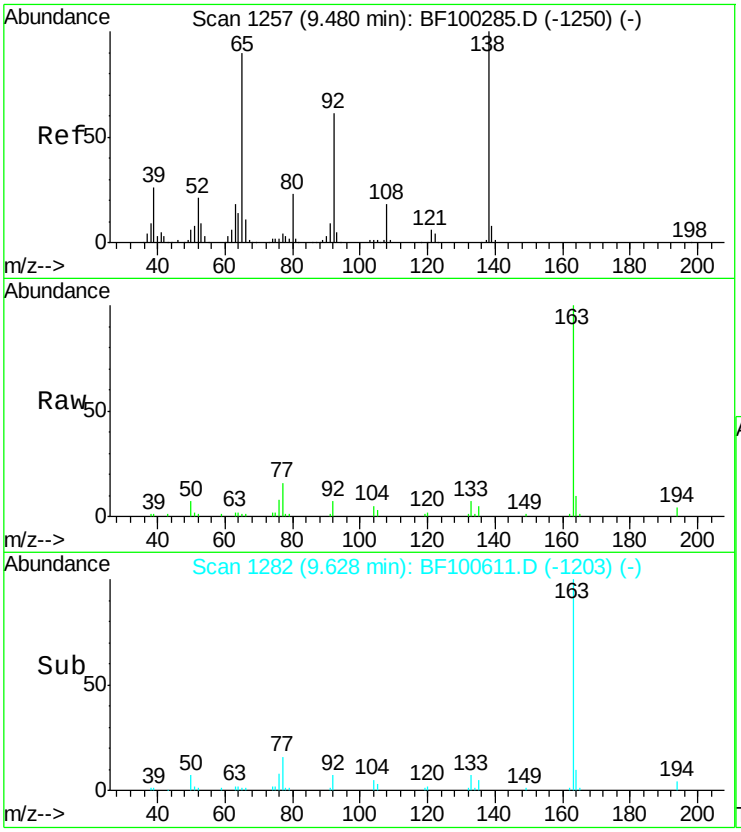


#44
2-Fluorobiphenyl
Concen: 95.62 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Tgt Ion:172 Resp: 1261414

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4



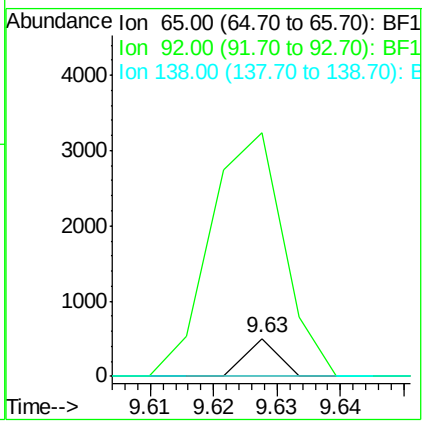


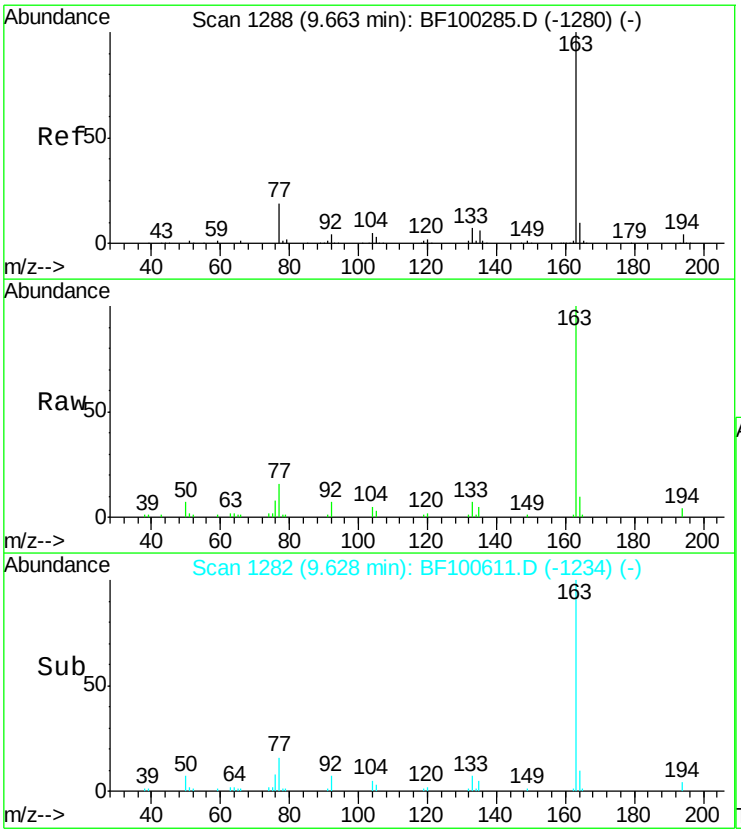
#47
2-Nitroaniline
Concen: 2.83 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 177

Ion	Ratio	Lower	Upper
65	100		
92	645.9	55.8	83.6#
138	0.0	91.2	136.8#

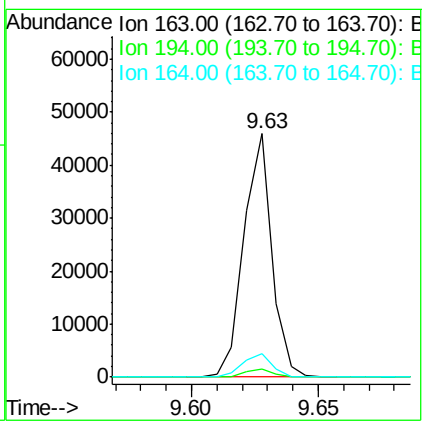


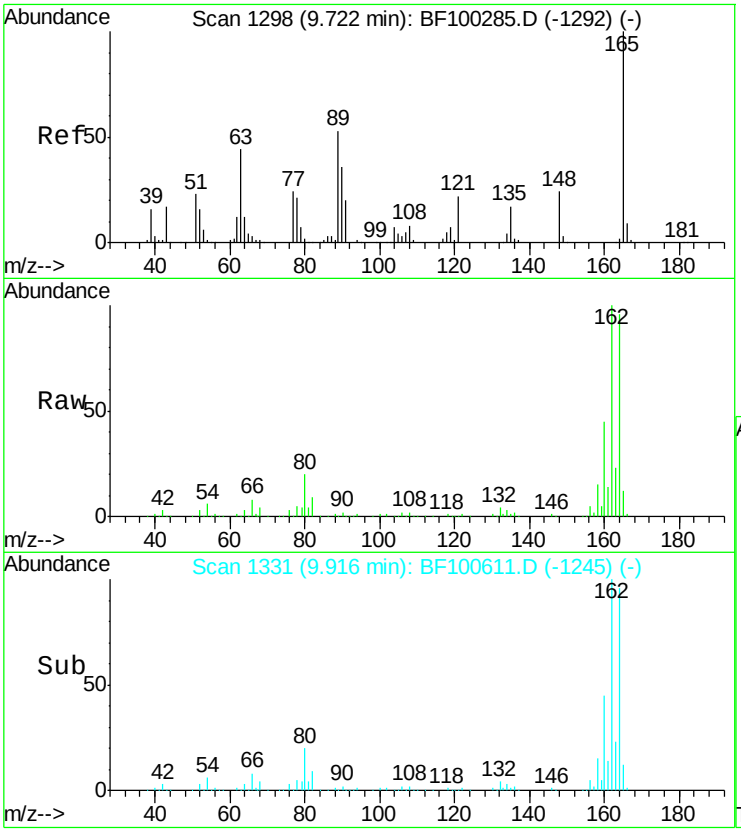


#49
Dimethylphthalate
Concen: 2.30 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Tgt Ion:163 Resp: 35331

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.6	8.2	12.2



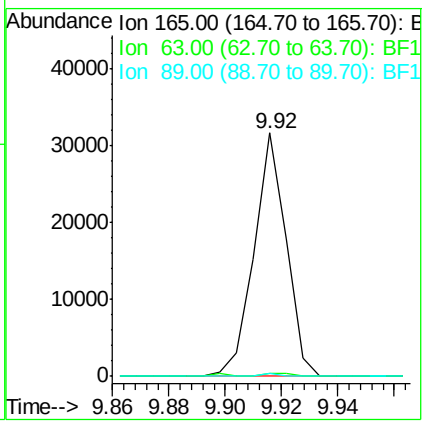


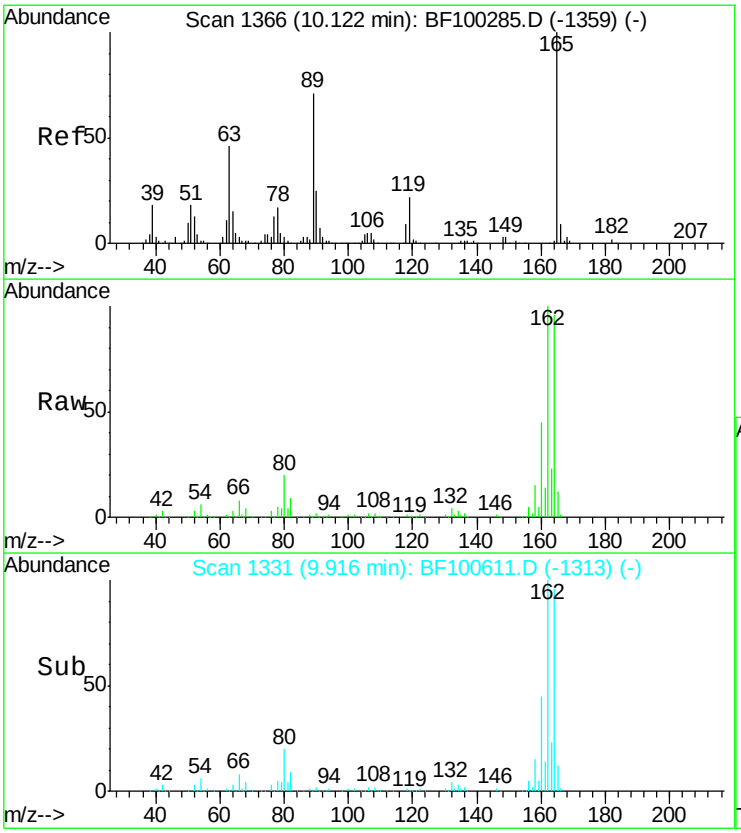
#50
2,6-Dinitrotoluene
Concen: 8.22 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24963

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.1	44.0	66.0#

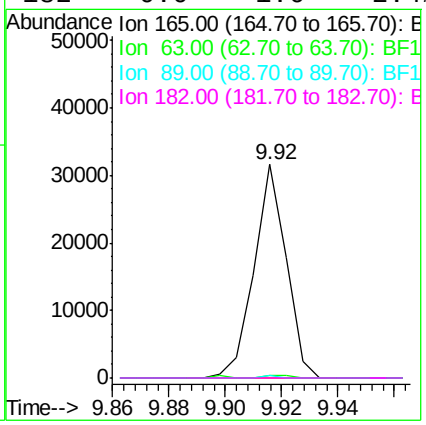


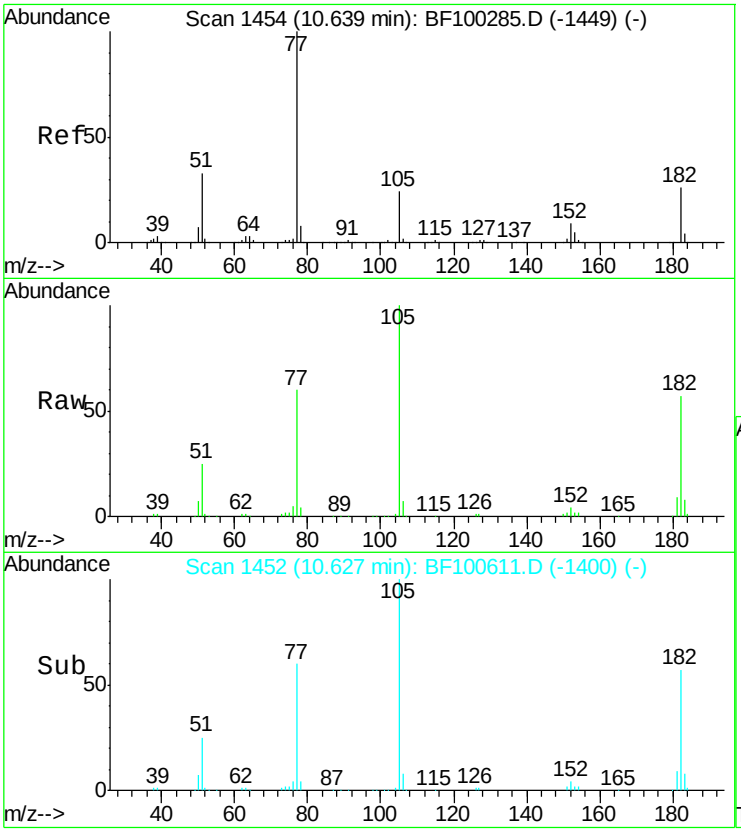


#56
2,4-Dinitrotoluene
Concen: 6.52 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Tgt Ion:165 Resp: 24963

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



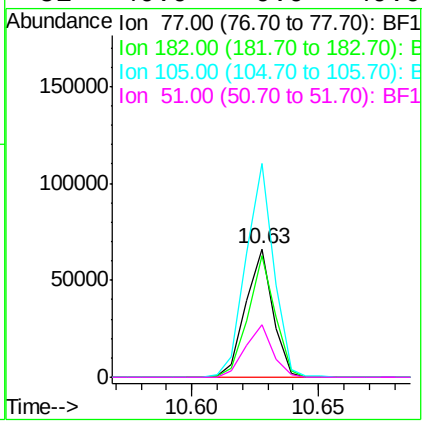


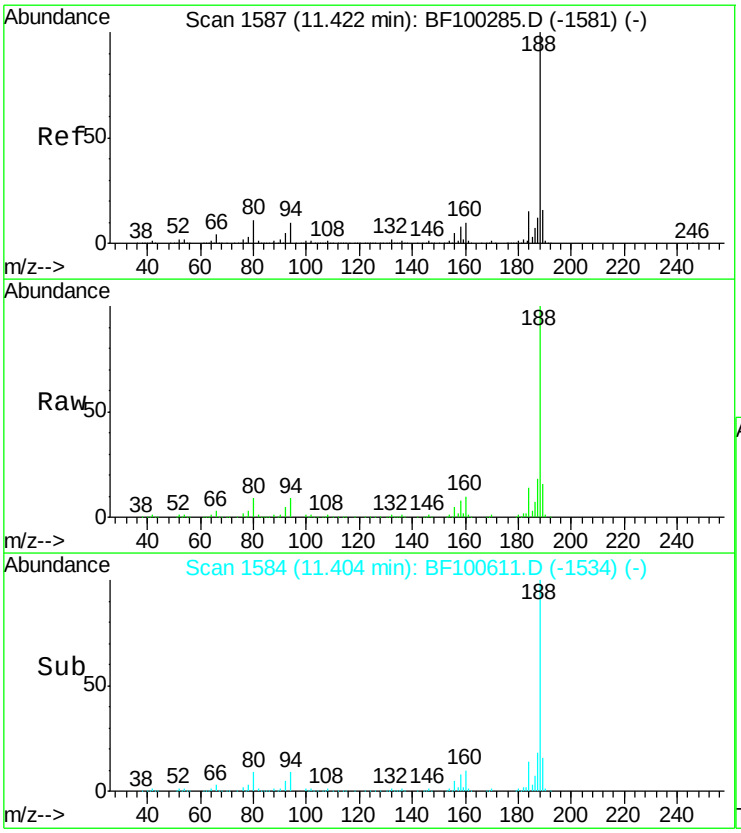
#62
Azobenzene
Concen: 3.44 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 49721

Ion	Ratio	Lower	Upper
77	100		
182	94.8	1.7	41.7#
105	166.3	3.0	43.0#
51	40.9	9.9	49.9

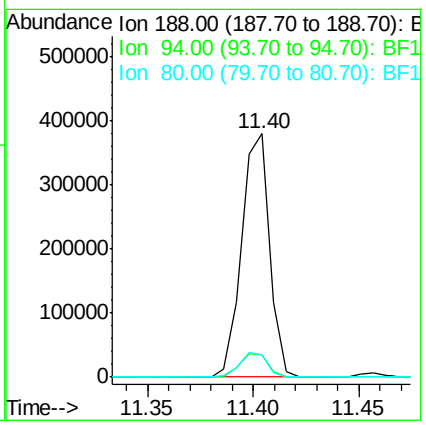


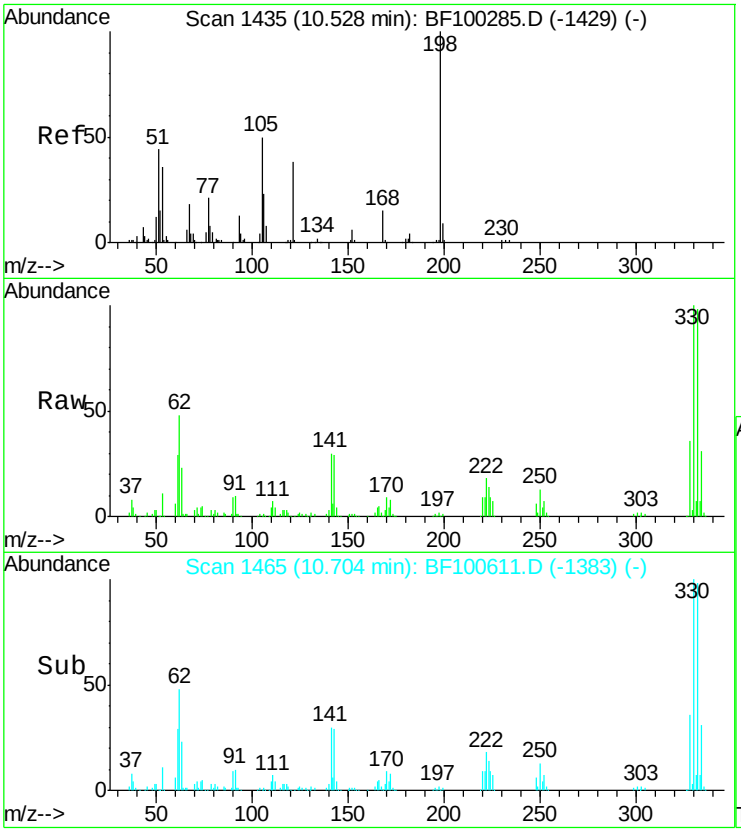


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Tgt Ion:188 Resp: 348052

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.2	9.2	13.8



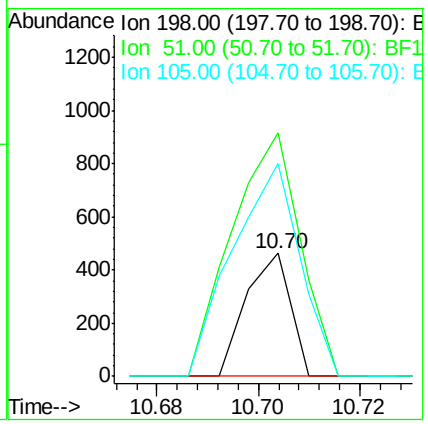


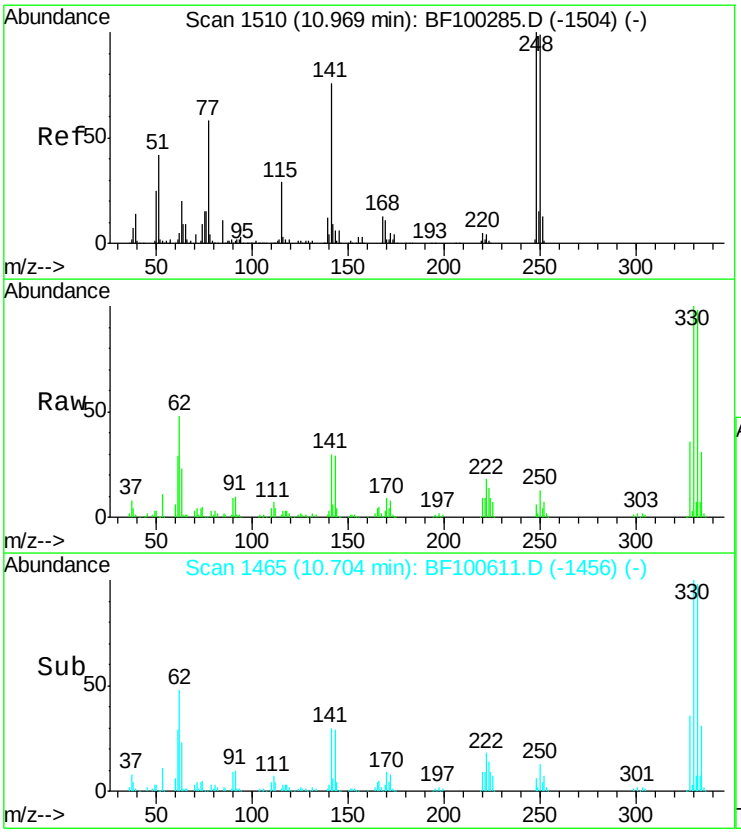
#64
4,6-Dinitro-2-methylphenol
Concen: 8.70 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 279

Ion	Ratio	Lower	Upper
198	100		
51	197.8	37.7	77.7#
105	173.4	36.3	76.3#

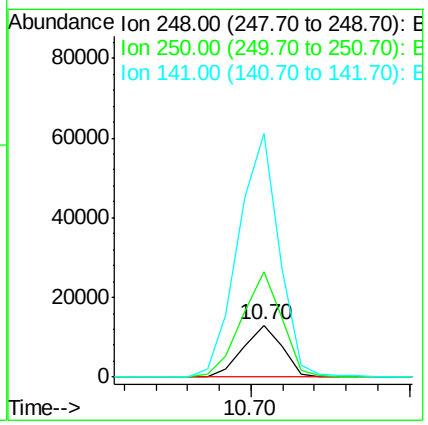


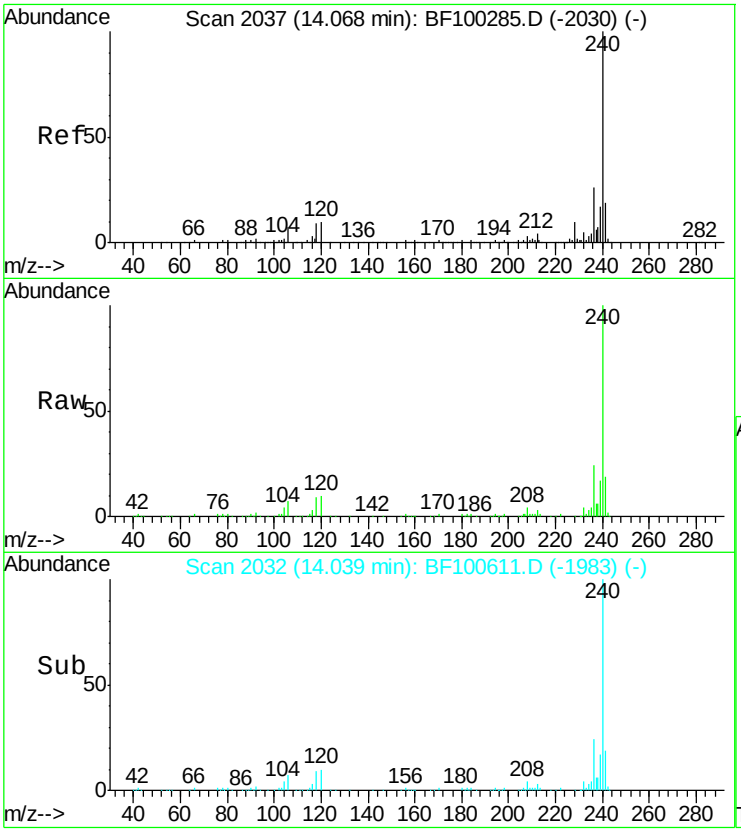


#66
4-Bromophenyl-phenylether
Concen: 3.00 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Tgt Ion:248 Resp: 11178

Ion	Ratio	Lower	Upper
248	100		
250	202.7	76.9	115.3#
141	470.9	74.4	111.6#



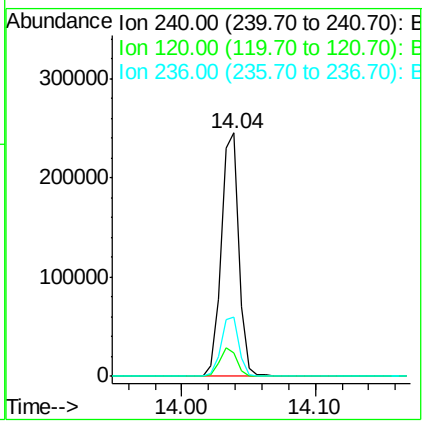


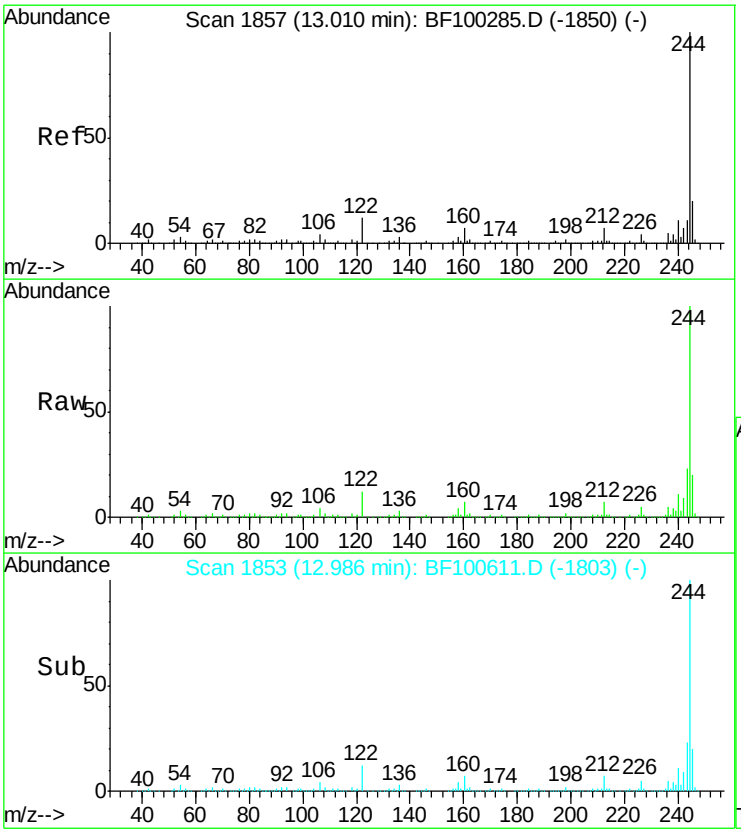
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 229295

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	24.4	20.7	31.1

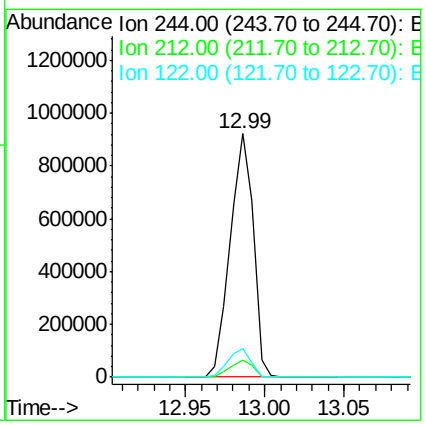


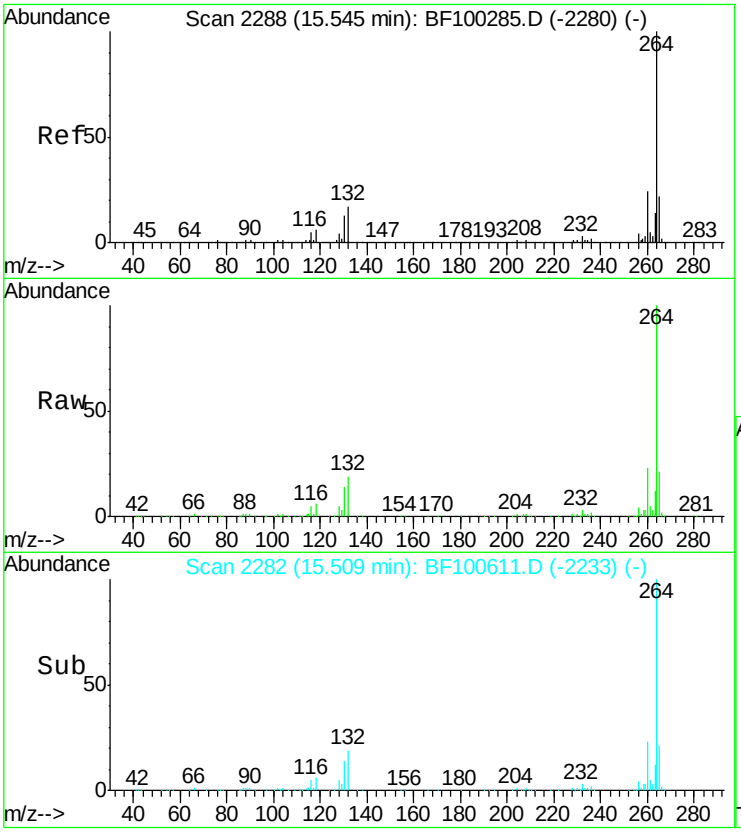


#78
Terphenyl-d14
Concen: 93.36 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Tgt Ion:244 Resp: 931666

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.9	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100611.D
Acq: 16 Nov 2017 2:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 234502

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.9	17.5	26.3