Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
Data File : BF100594.D
Acq On : 15 Nov 2017 17:59
Operator : SJ/JU
Sample : I6429-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 16 03:34:47 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	123238	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	472540	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	193206	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	289803	20.00	ng		0.00
75) Chrysene-d12	14.04	240	252288	20.00	ng		-0.01
86) Perylene-d12	15.52	264	246617	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	712188	92.64	ng		0.00
7) Phenol-d6	6.51	99	850250	89.69	ng		0.00
23) Nitrobenzene-d5	7.45	82	527366	73.78	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	167154	84.90	ng		-0.01
44) 2-Fluorobiphenyl	9.24	172	947241	74.65	ng		0.00
78) Terphenyl-d14	12.99	244	604217	55.03	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	45310	4.55	ng		81
19) n-Nitroso-di-n-propylamine	7.45	70	69003	10.50	ng	#	80
25) Isophorone	7.45	82	527133	35.10	ng	#	64
47) 2-Nitroaniline	9.63	65	1227	3.11	ng	#	1
49) Dimethylphthalate	9.63	163	149568	10.14	ng		99
56) 2,4-Dinitrotoluene	9.92	165	24631	6.69	ng	#	23
62) Azobenzene	10.63	77	85953	6.18	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.70	198	173	8.67	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	10810	3.48	ng	#	1

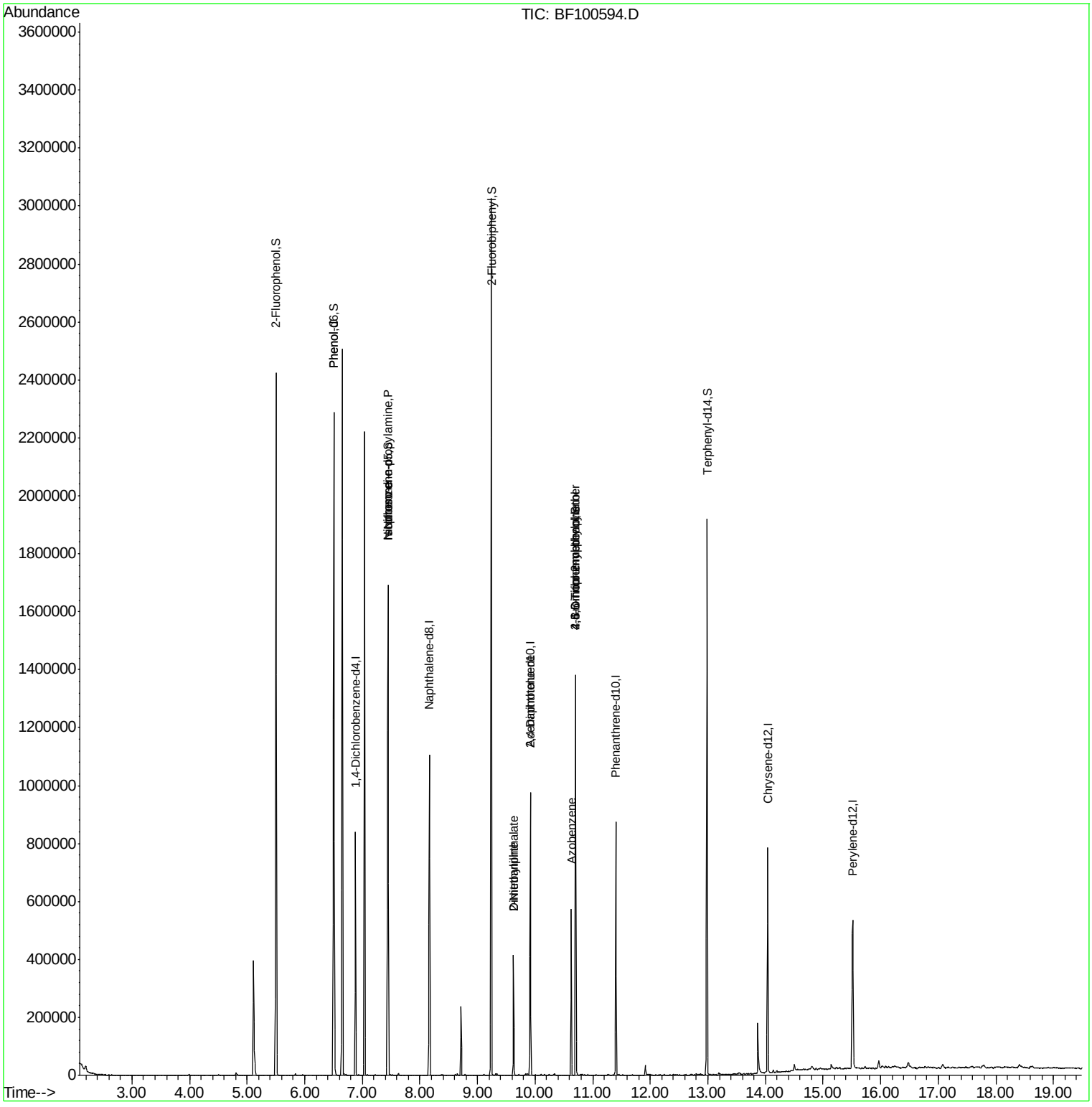
(#) = qualifier out of range (m) = manual integration (+) = signals summed

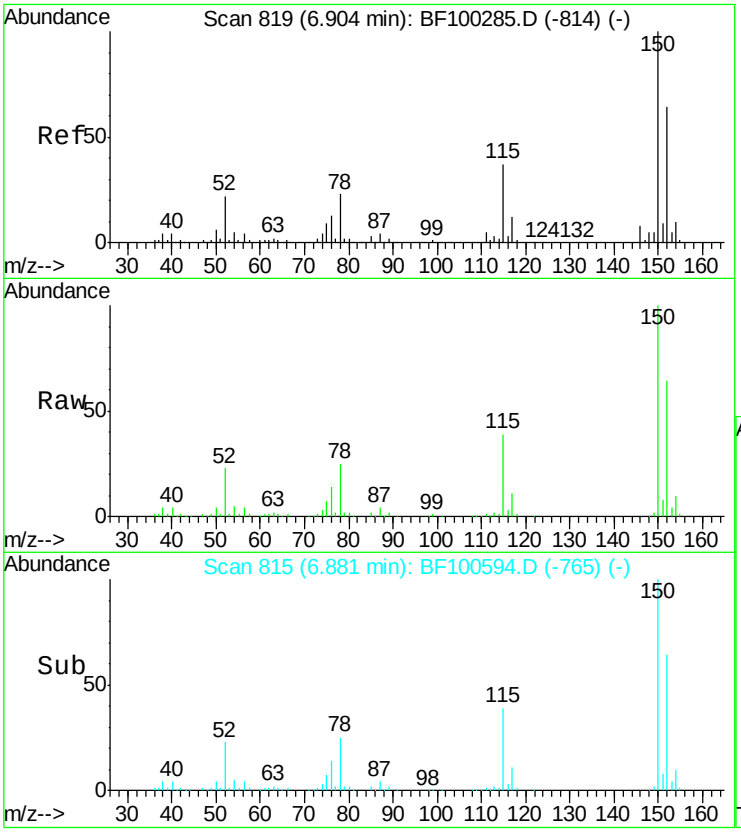
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
Data File : BF100594.D
Acq On : 15 Nov 2017 17:59
Operator : SJ/JU
Sample : I6429-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 16 03:34:47 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



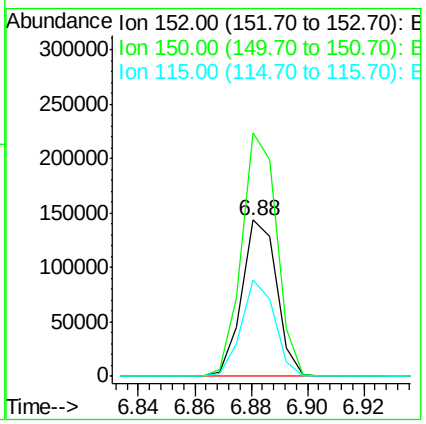


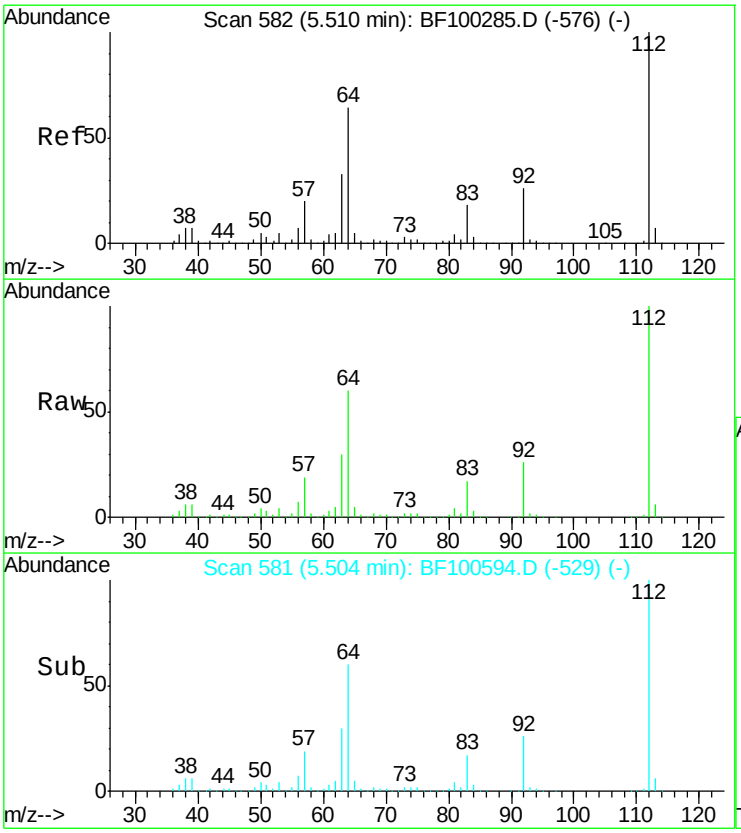
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 123238

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	61.5	50.1	75.1

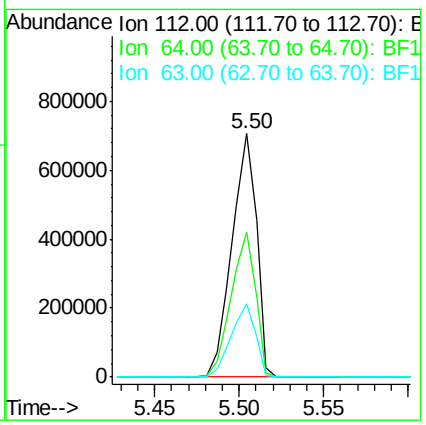


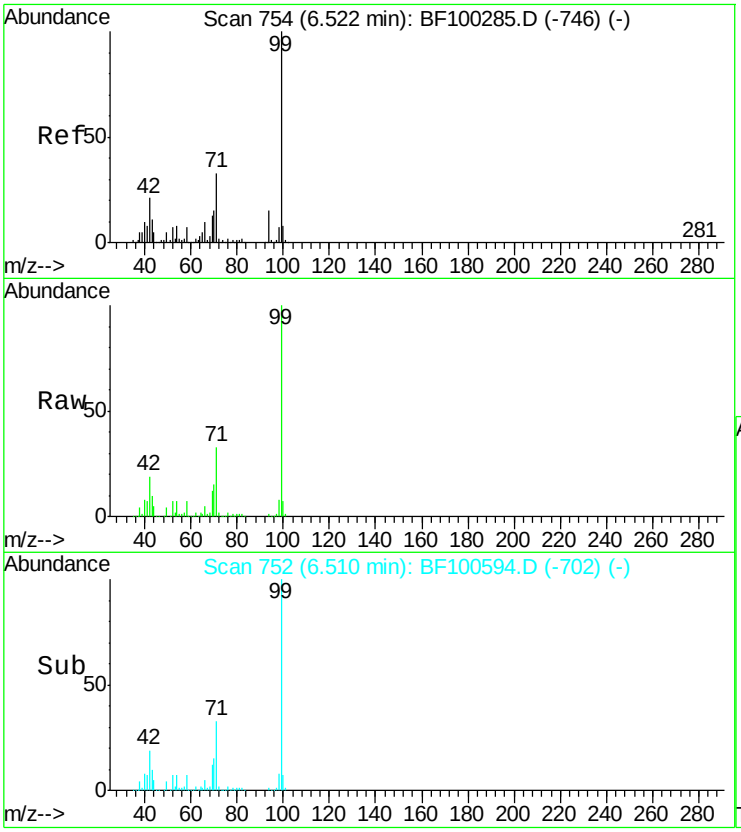


#5
2-Fluorophenol
Concen: 92.64 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Tgt Ion:112 Resp: 712188

Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	30.2	23.7	35.5



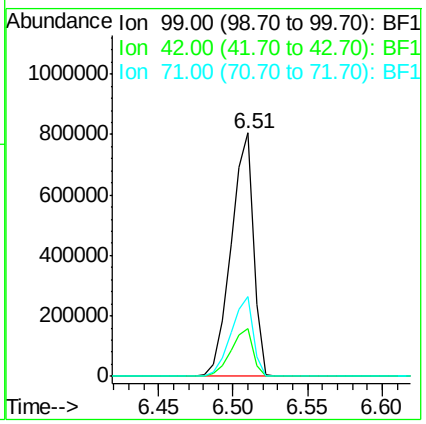


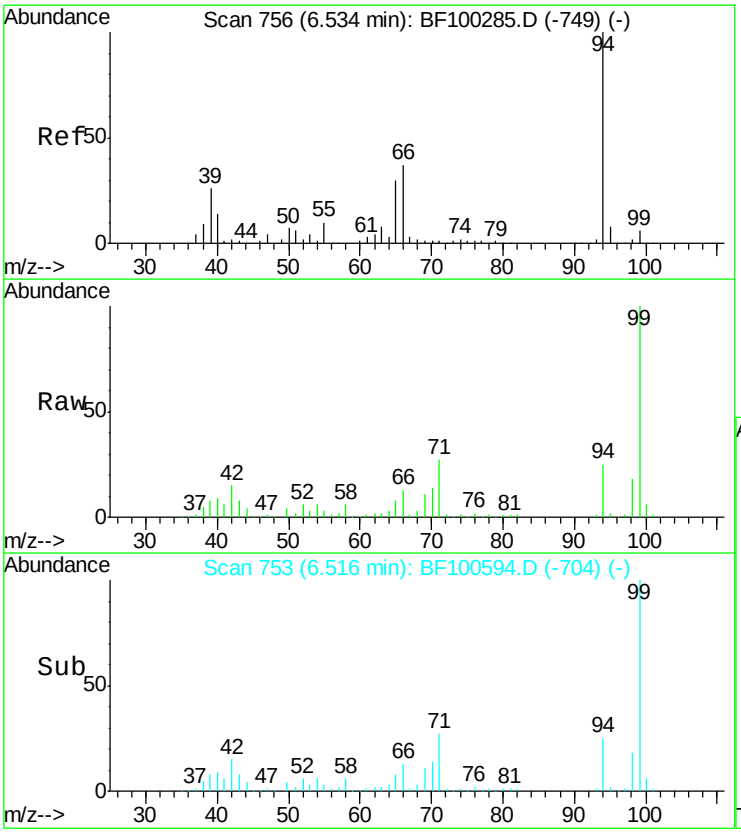
#7
Phenol-d6
Concen: 89.69 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 850250

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	32.8	25.4	38.0

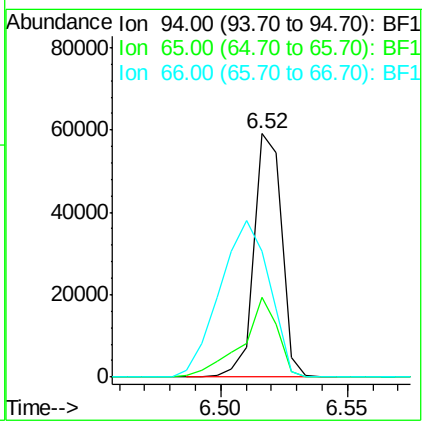


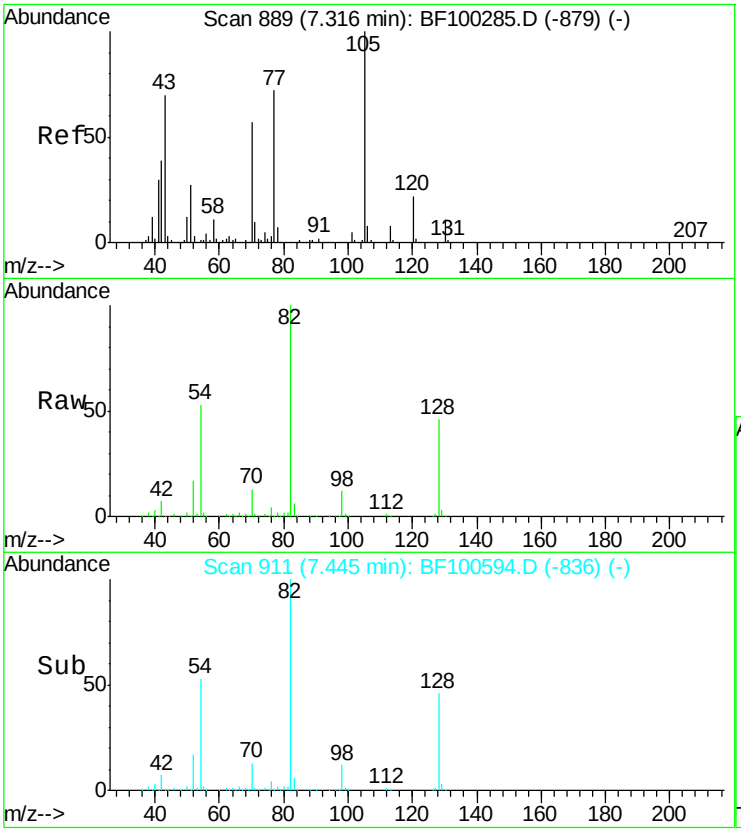


#10
Phenol
Concen: 4.55 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Tgt Ion: 94 Resp: 45310

Ion	Ratio	Lower	Upper
94	100		
65	32.9	7.9	47.9
66	51.8	16.2	56.2



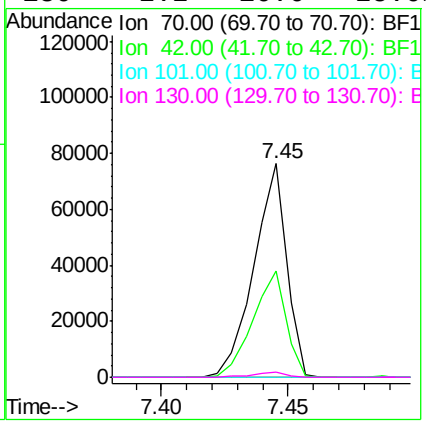


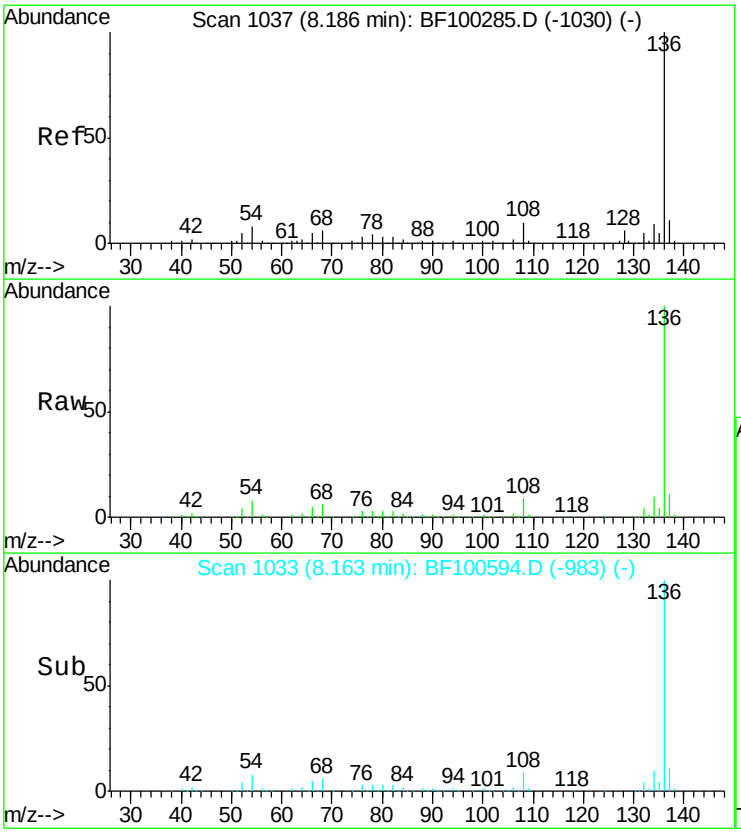
#19
n-Nitroso-di-n-propylamine
Concen: 10.50 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 69003

Ion	Ratio	Lower	Upper
70	100		
42	49.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

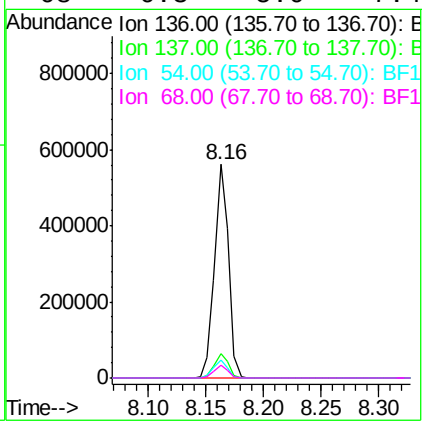


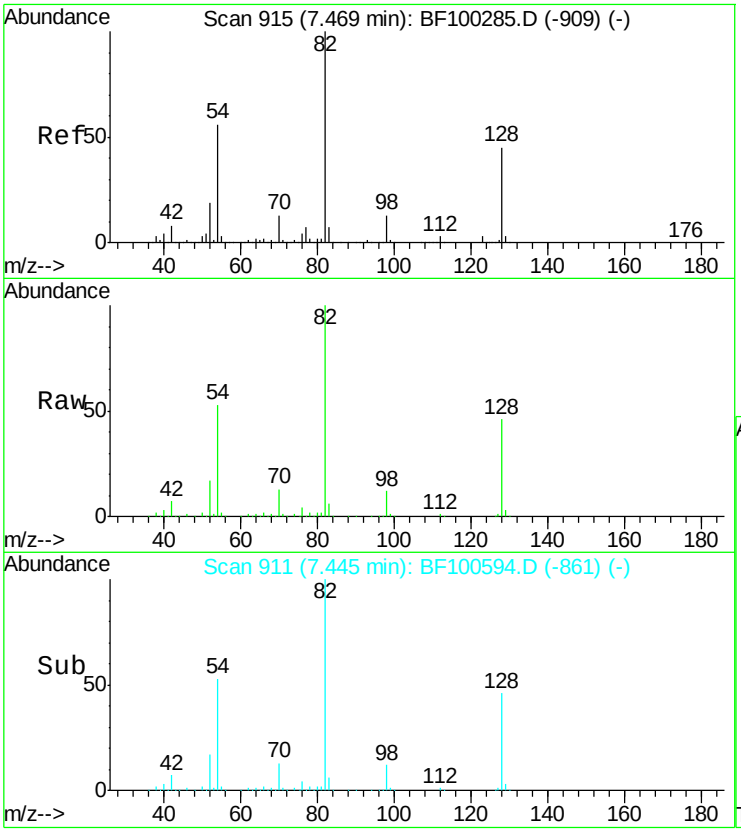


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Tgt Ion:136 Resp: 472540

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.2	6.6	9.8
68	6.3	5.0	7.4



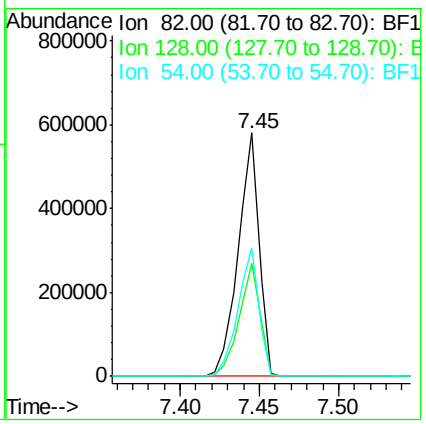


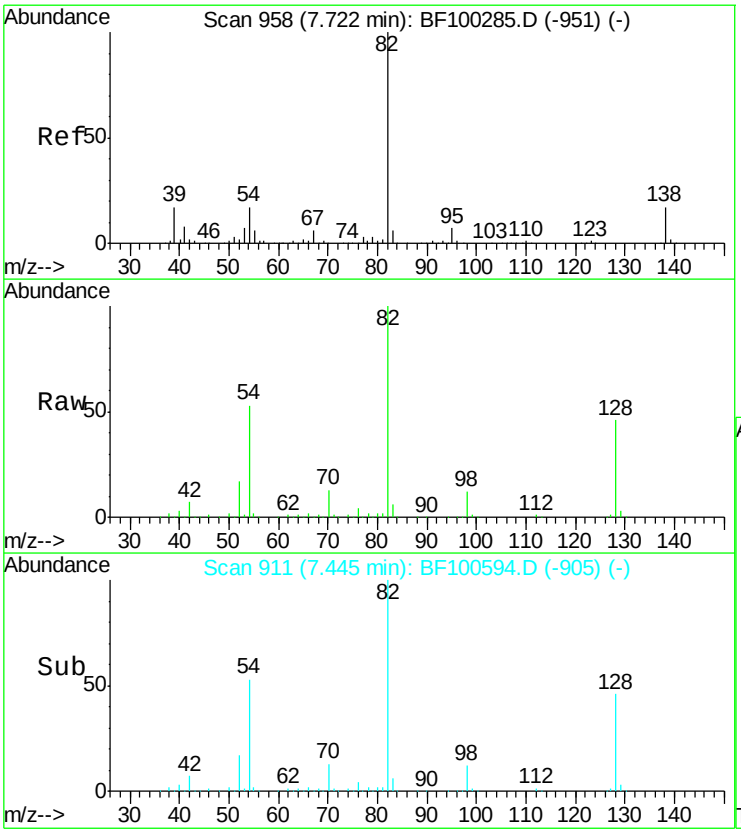
#23
Nitrobenzene-d5
Concen: 73.78 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 527366

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	52.6	41.4	62.2

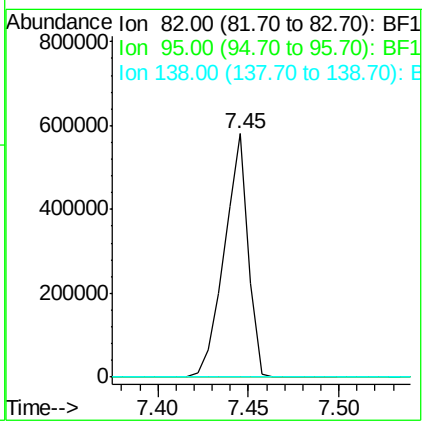


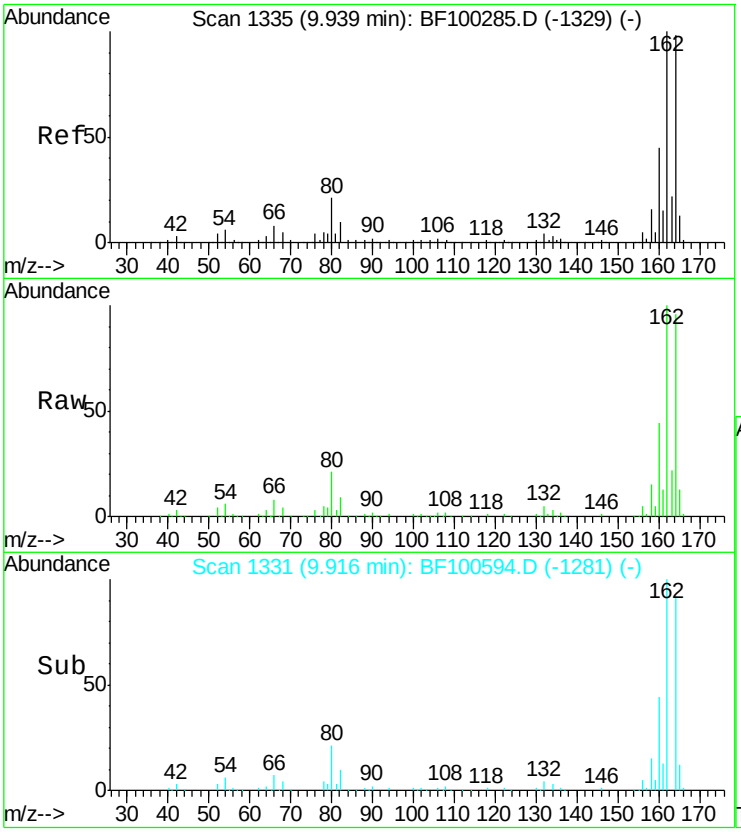


#25
Isophorone
Concen: 35.10 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Tgt Ion: 82 Resp: 527133

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



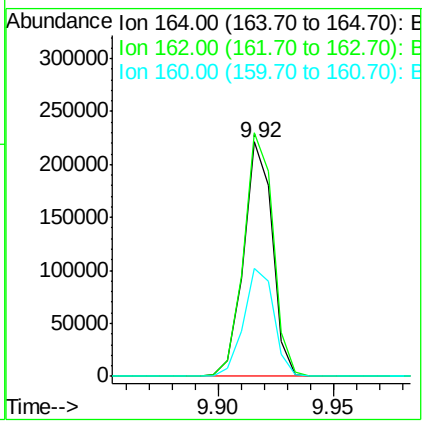


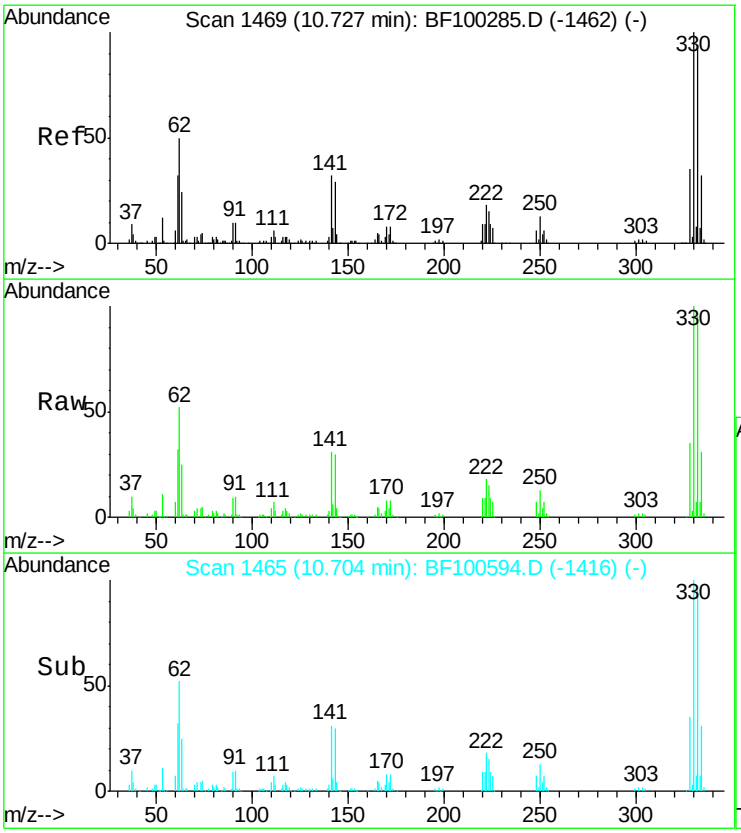
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 193206

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	46.0	38.3	57.5

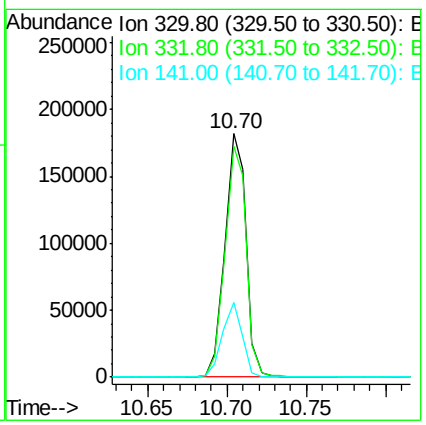


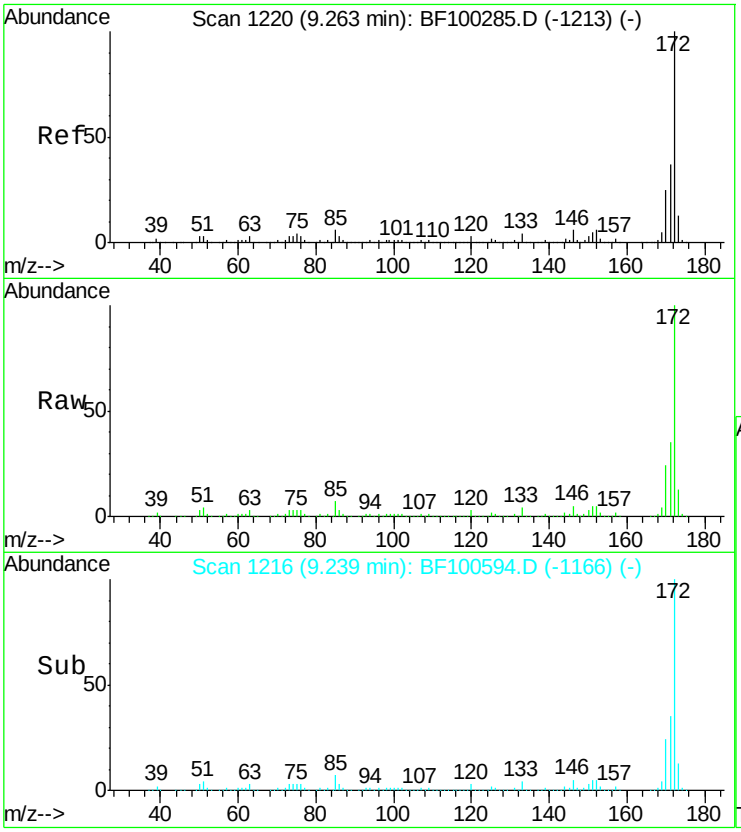


#41
2,4,6-Tribromophenol
Concen: 84.90 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Tgt Ion:330 Resp: 167154

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	28.9	29.9	44.9#



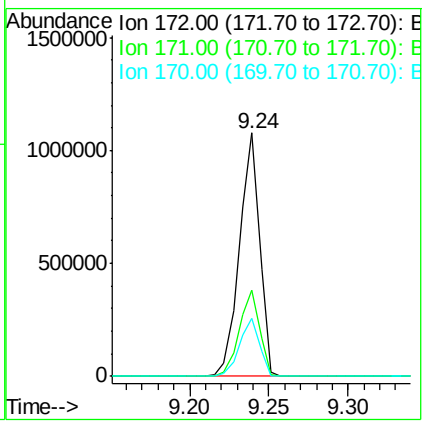


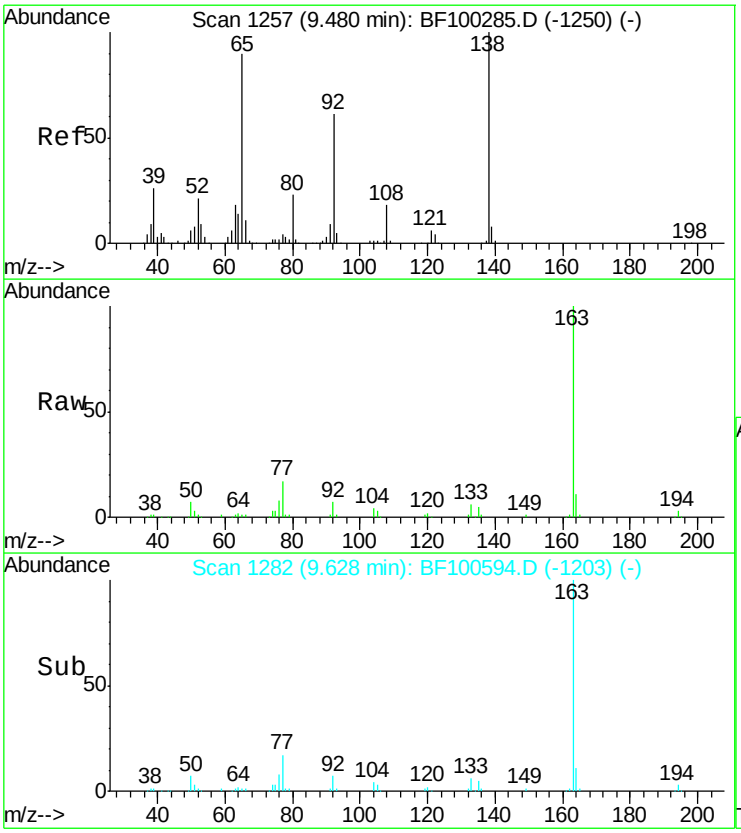
#44
2-Fluorobiphenyl
Concen: 74.65 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 947241

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.1	19.6	29.4

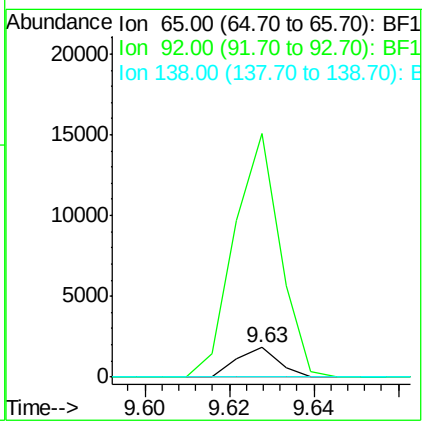


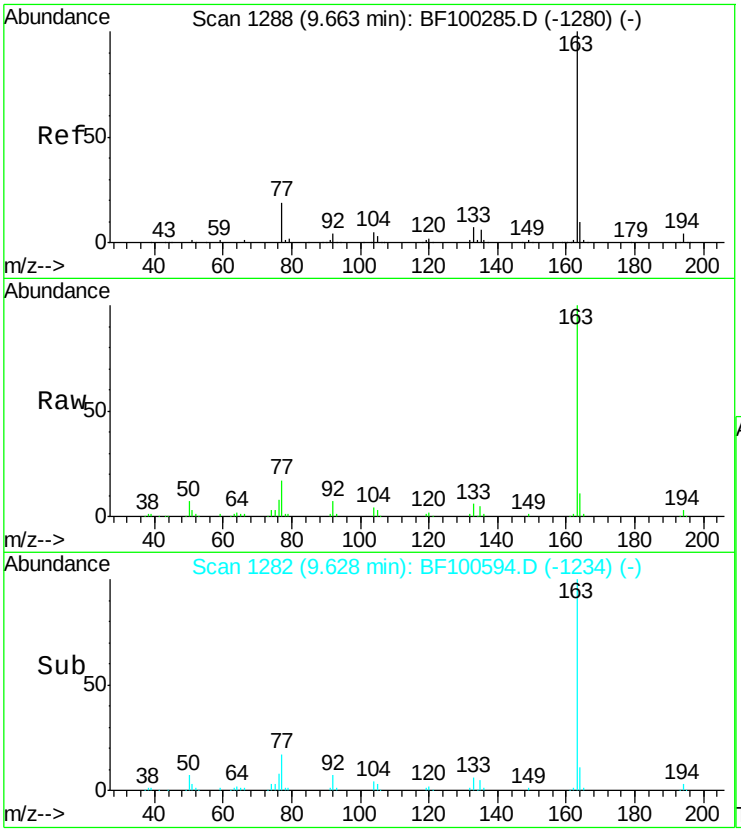


#47
2-Nitroaniline
Concen: 3.11 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Tgt Ion: 65 Resp: 1227

Ion	Ratio	Lower	Upper
65	100		
92	827.6	55.8	83.6#
138	0.0	91.2	136.8#



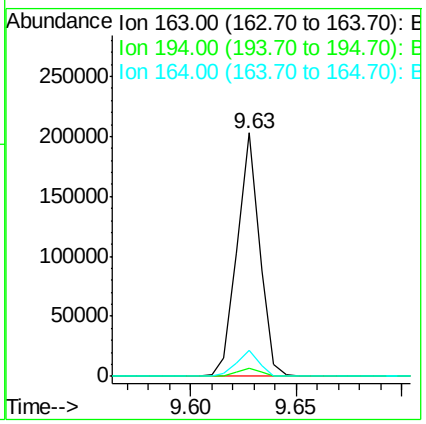


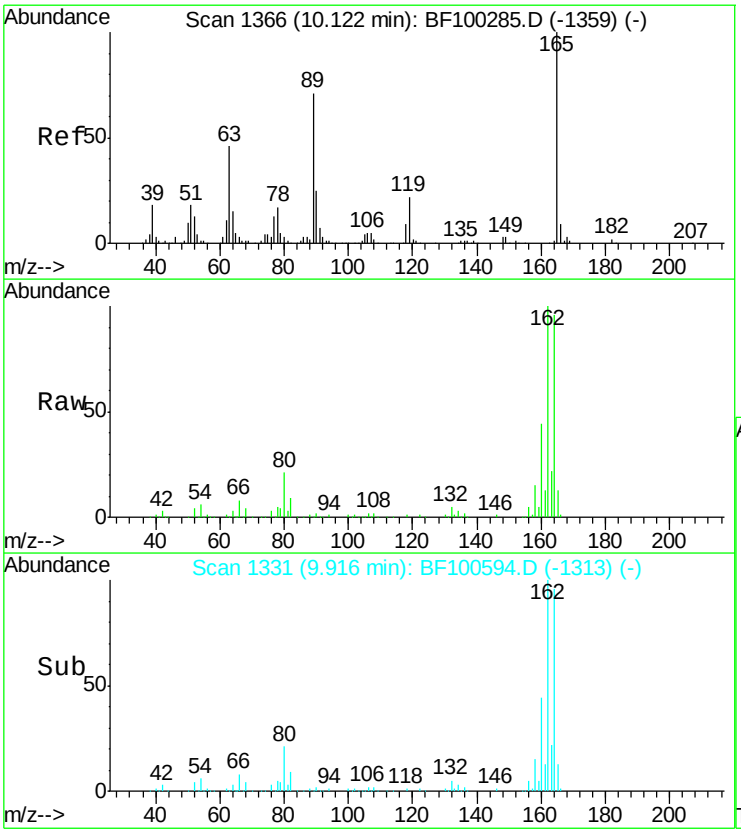
#49
Dimethylphthalate
Concen: 10.14 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 149568

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.5	8.2	12.2

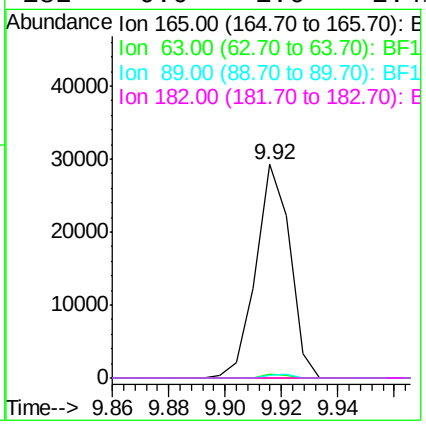


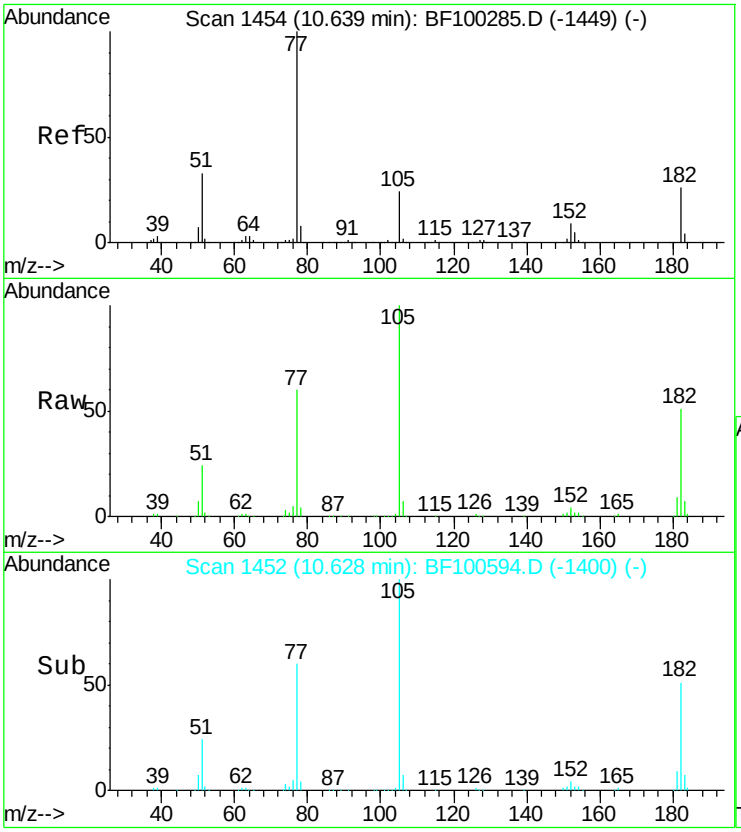


#56
2,4-Dinitrotoluene
Concen: 6.69 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Tgt Ion:165 Resp: 24631

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



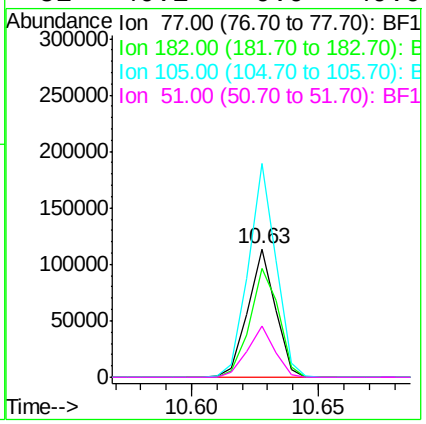


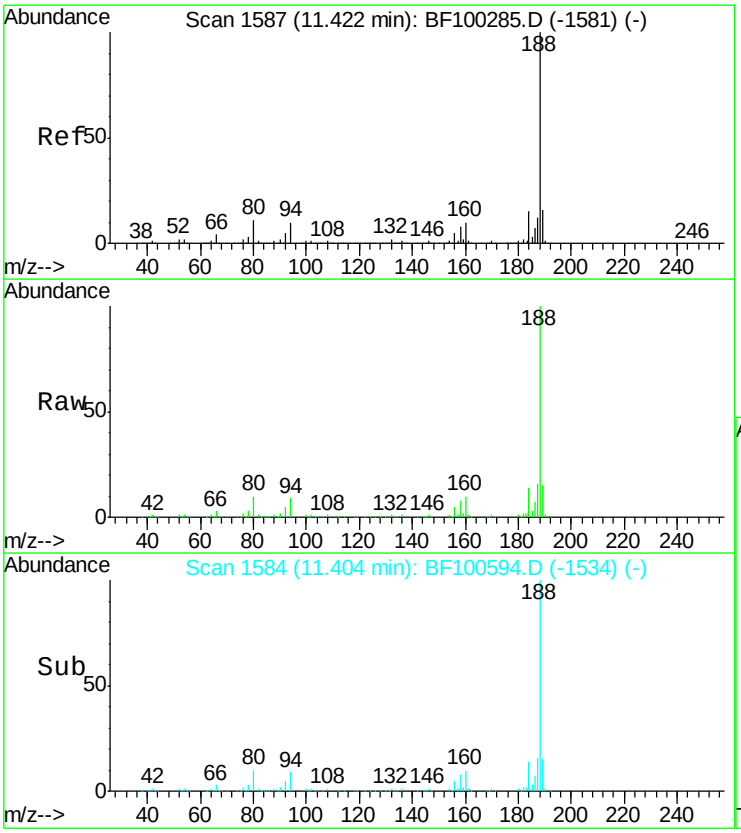
#62
Azobenzene
Concen: 6.18 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 85953

Ion	Ratio	Lower	Upper
77	100		
182	84.8	1.7	41.7#
105	166.5	3.0	43.0#
51	40.1	9.9	49.9

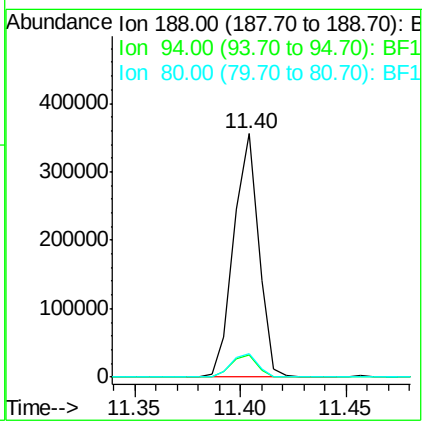


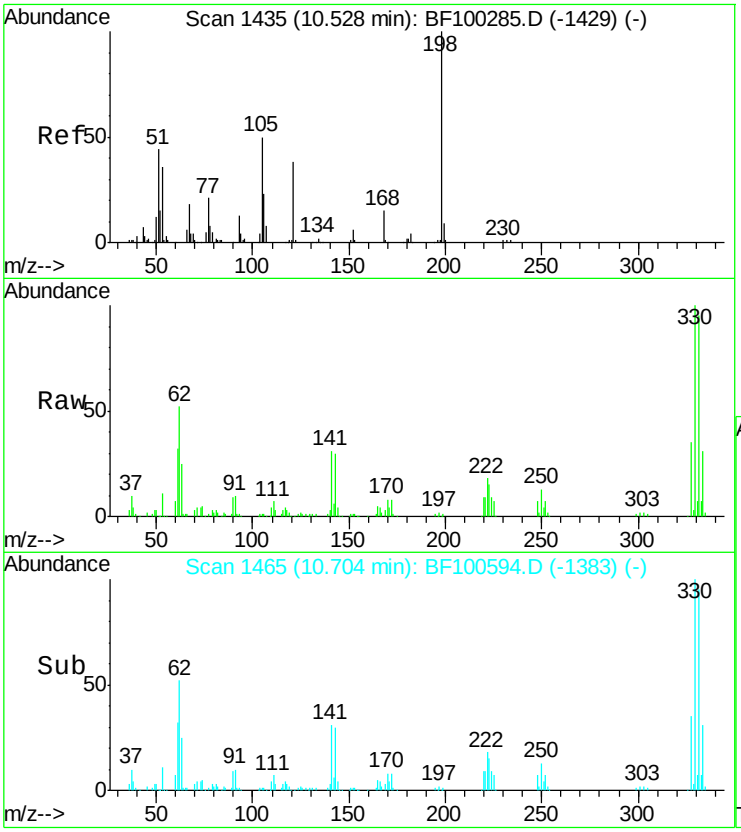


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Tgt Ion:188 Resp: 289803

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.8	9.2	13.8



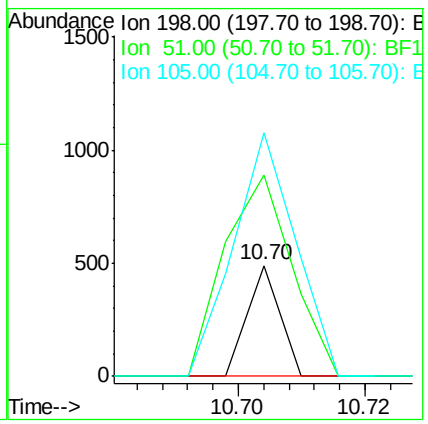


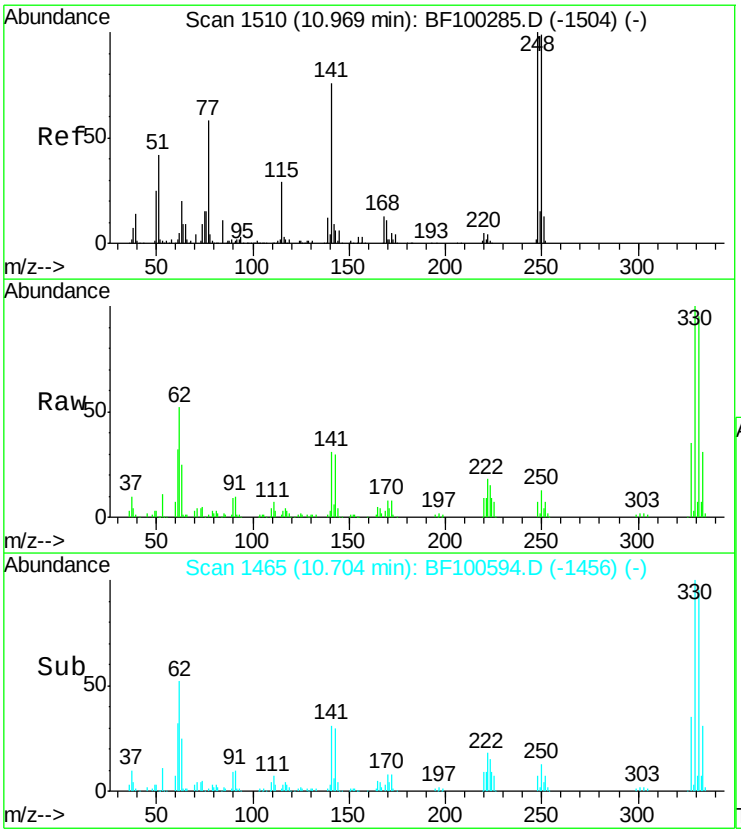
#64
4,6-Dinitro-2-methylphenol
Concen: 8.67 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 173

Ion	Ratio	Lower	Upper
198	100		
51	182.4	37.7	77.7#
105	220.2	36.3	76.3#

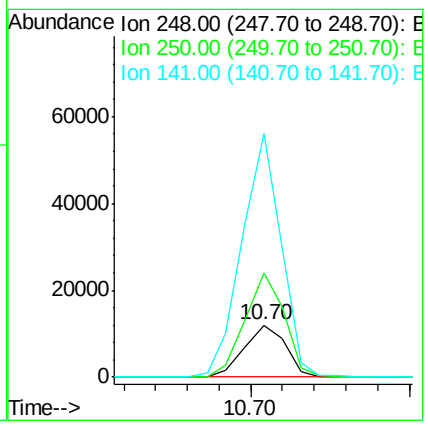


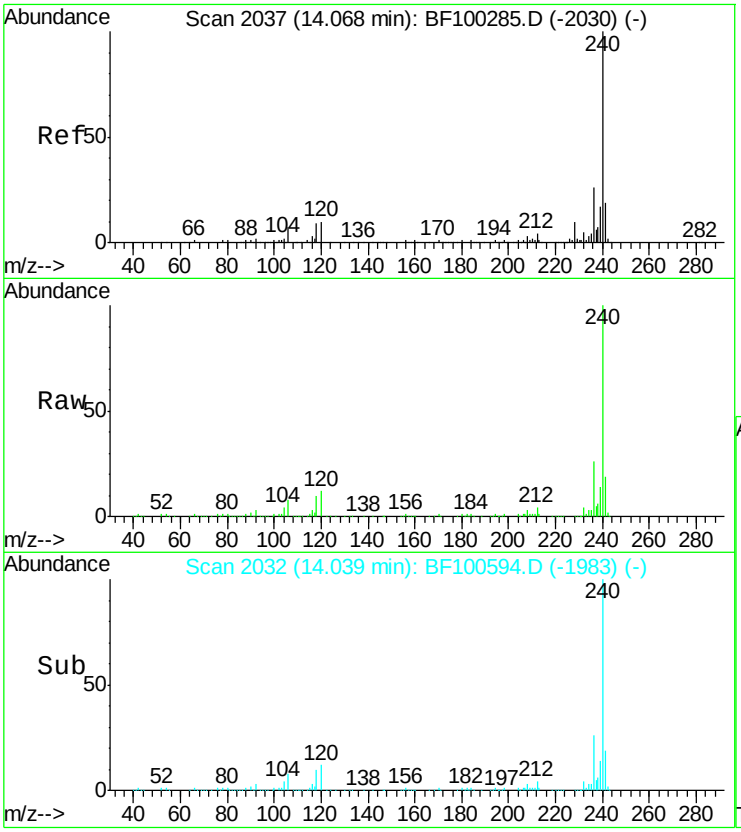


#66
4-Bromophenyl-phenylether
Concen: 3.48 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Tgt Ion:248 Resp: 10810

Ion	Ratio	Lower	Upper
248	100		
250	199.2	76.9	115.3#
141	468.0	74.4	111.6#



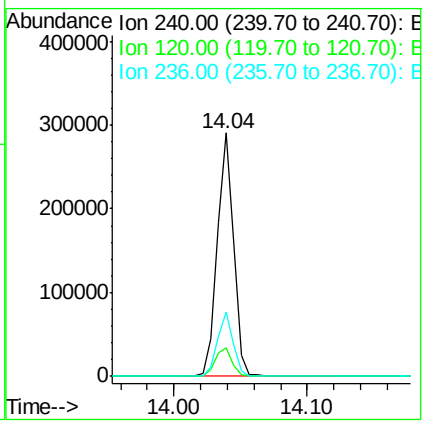


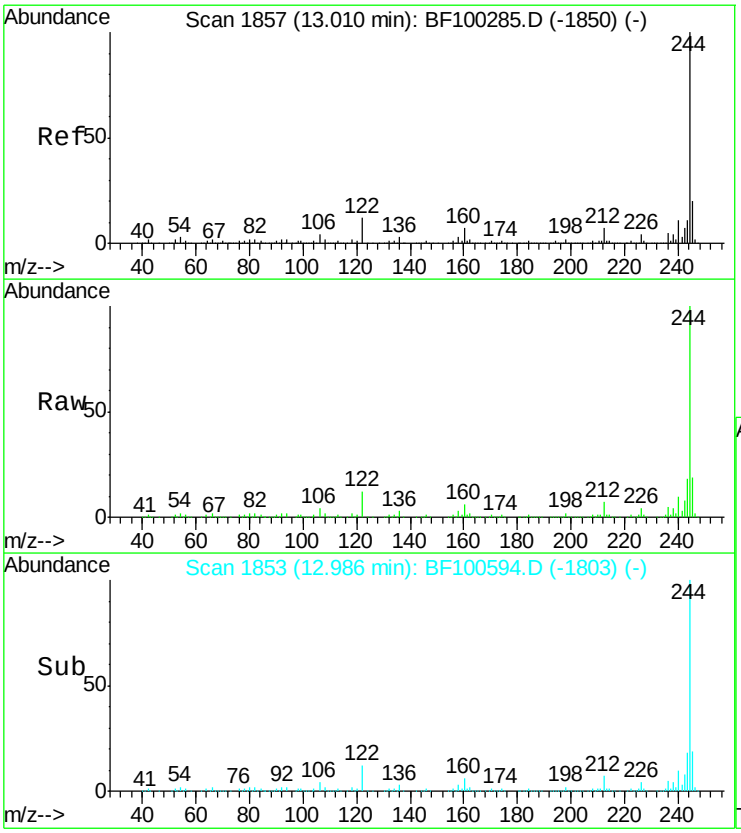
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 252288

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	26.5	20.7	31.1

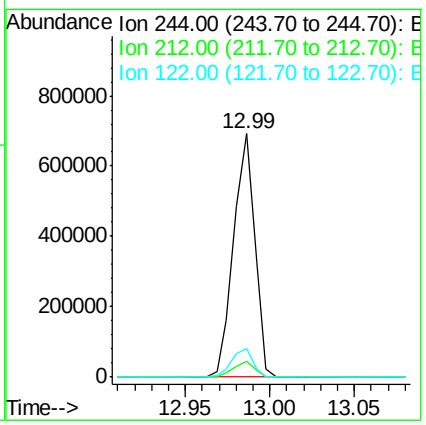


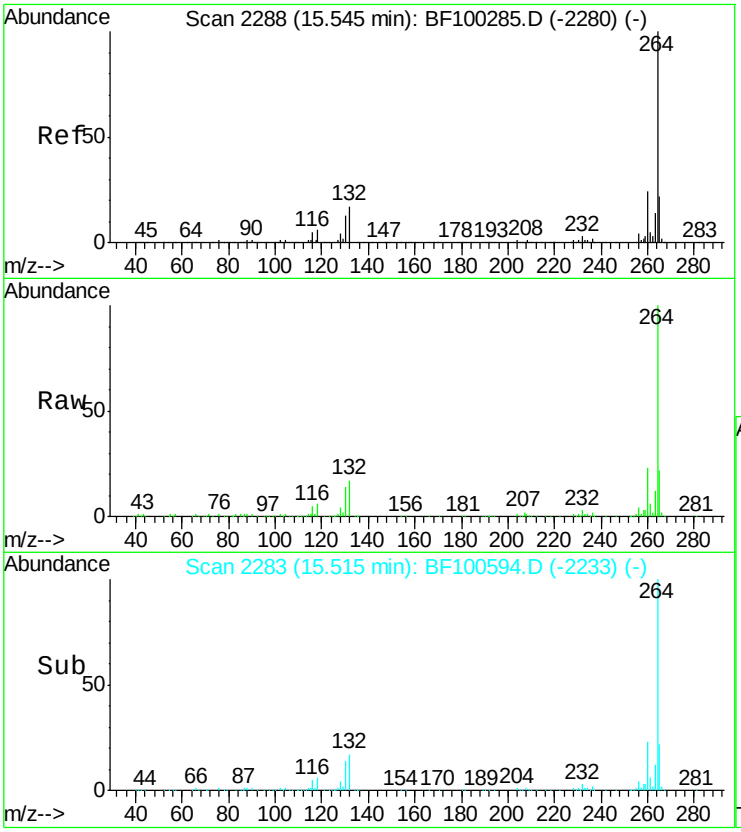


#78
Terphenyl-d14
Concen: 55.03 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Tgt Ion:244 Resp: 604217

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.7	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF100594.D
Acq: 15 Nov 2017 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 246617

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	17.5	26.3