Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101153.D
Acq On : 6 Dec 2017 5:07
Operator : SJ/JU
Sample : I6702-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 06 05:50:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	51345	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	203417	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	93020	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	167724	20.00	ng		0.00
75) Chrysene-d12	14.02	240	109549	20.00	ng		0.00
86) Perylene-d12	15.49	264	115514	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	312061	100.43	ng		0.00
7) Phenol-d6	6.48	99	372056	98.62	ng		0.00
23) Nitrobenzene-d5	7.41	82	231172	67.79	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	99578	89.11	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	468050	68.84	ng		0.00
78) Terphenyl-d14	12.96	244	381327	76.14	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	8730	2.081	ng		93
19) n-Nitroso-di-n-propylamine	7.41	70	30290	11.922	ng	#	82
25) Isophorone	7.41	82	231170	39.688	ng	#	64
49) Dimethylphthalate	9.60	163	34004	4.533	ng	#	99
50) 2,6-Dinitrotoluene	9.88	165	11421	7.228	ng	#	24
56) 2,4-Dinitrotoluene	9.88	165	11421	5.394	ng	#	21
66) 4-Bromophenyl-phenylether	10.67	248	6121	3.260	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120517\
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BNA_F
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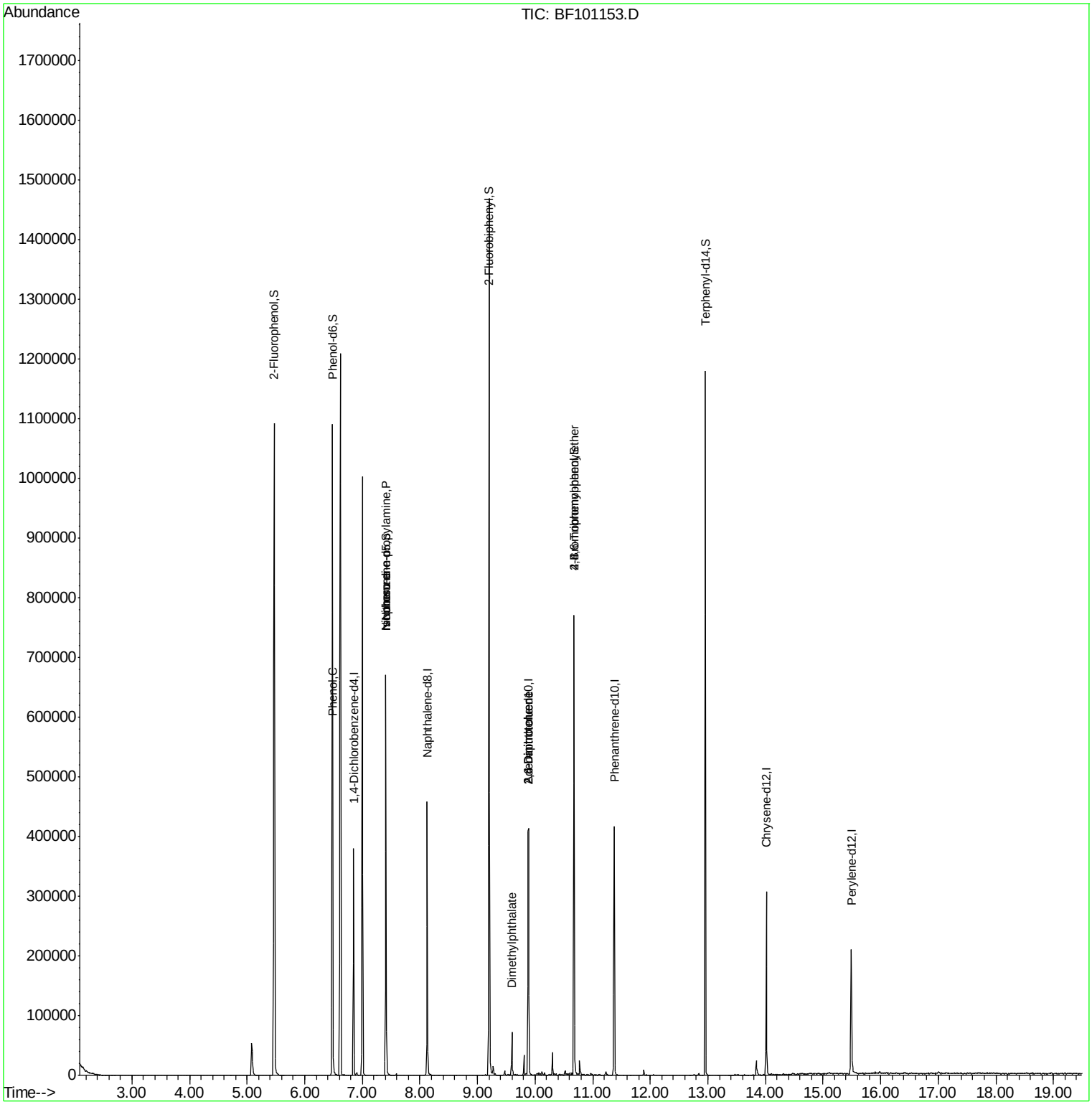
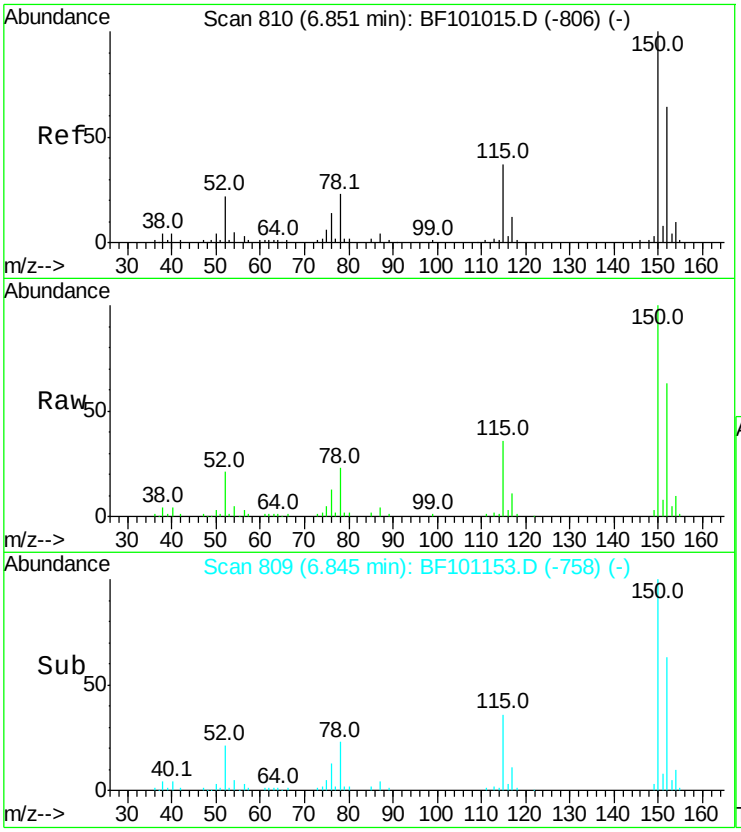


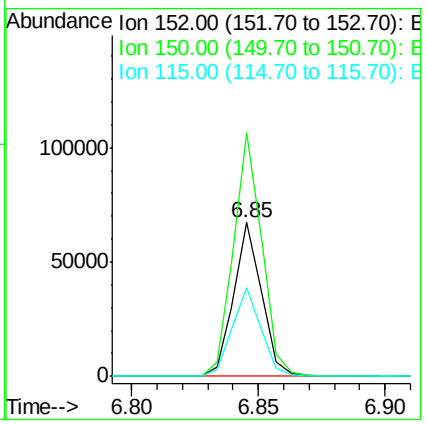


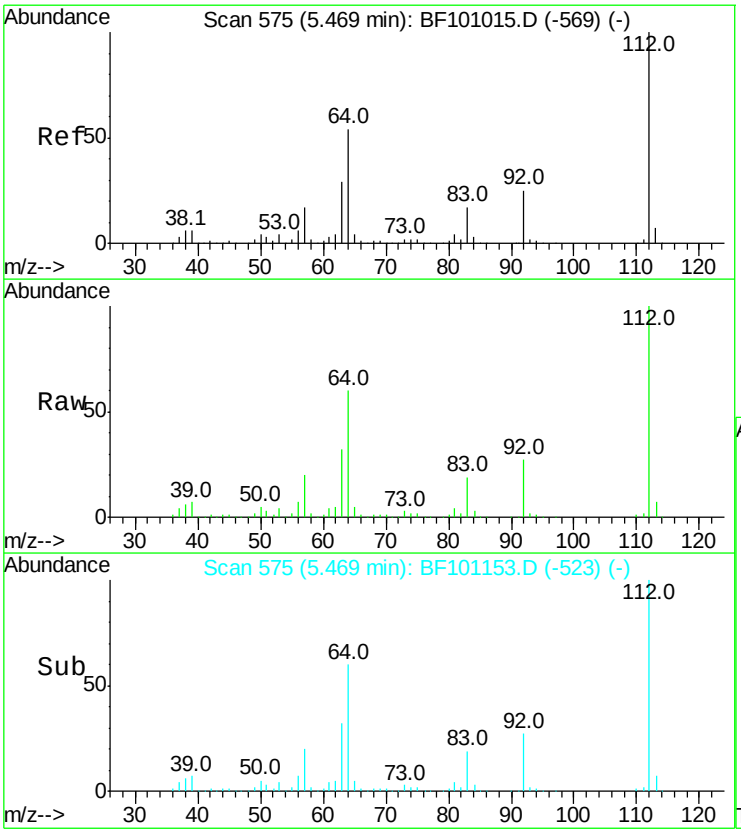
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 51345

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	57.6	50.1	75.1

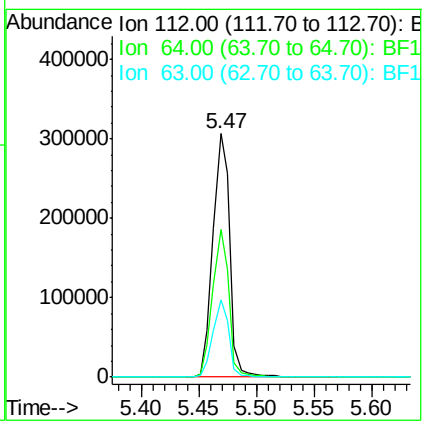


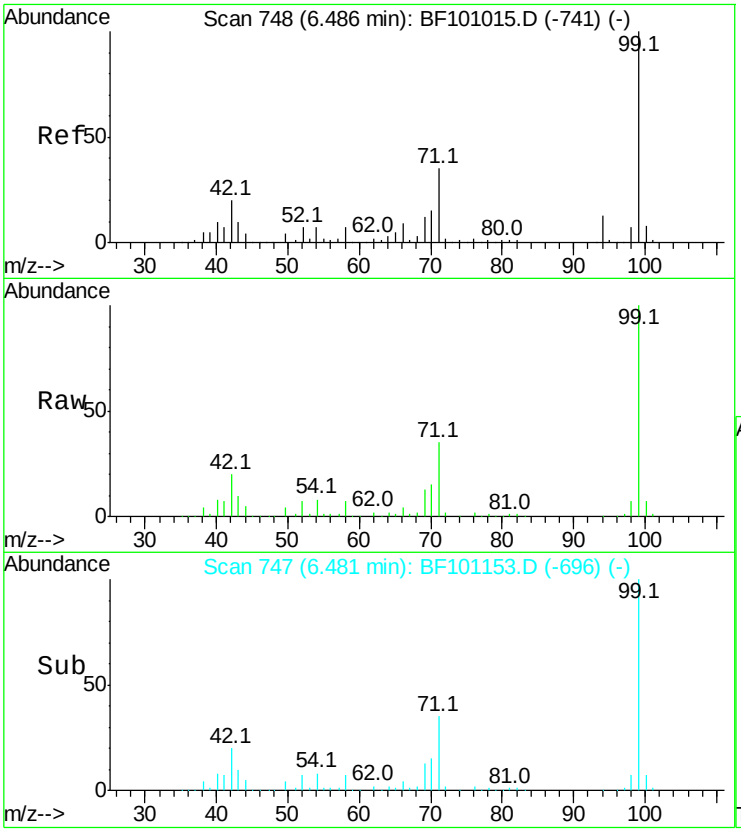


#5
2-Fluorophenol
Concen: 100.431 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Tgt Ion:112 Resp: 312061

Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	31.8	23.7	35.5



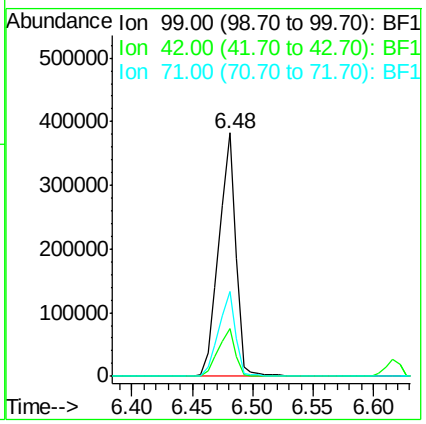


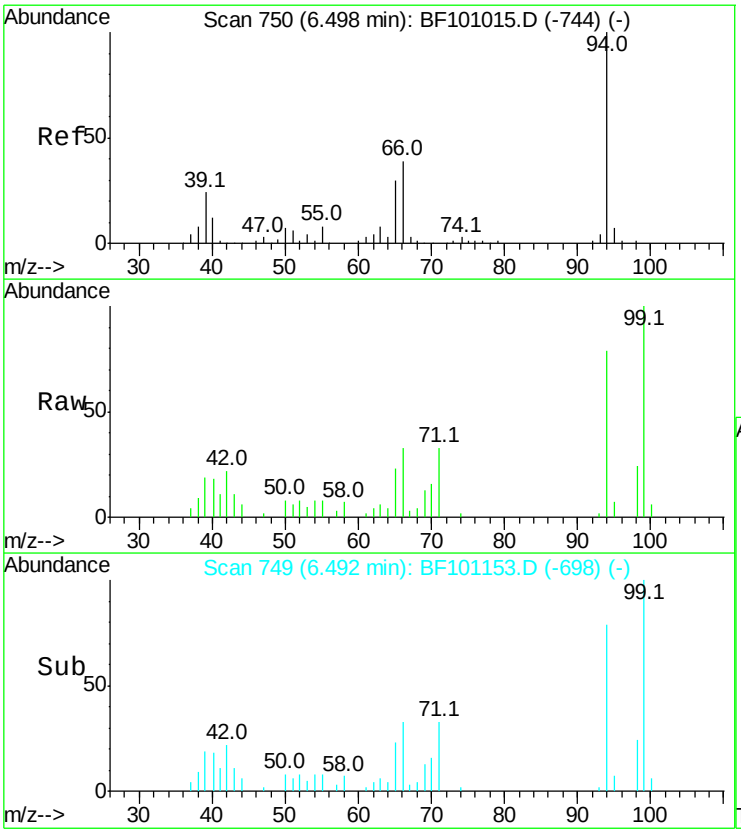
#7
Phenol-d6
Concen: 98.624 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 372056

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	35.1	25.4	38.0

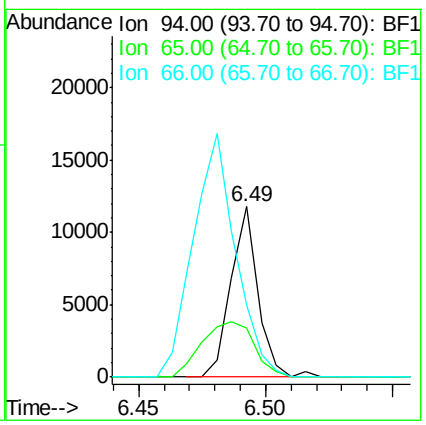


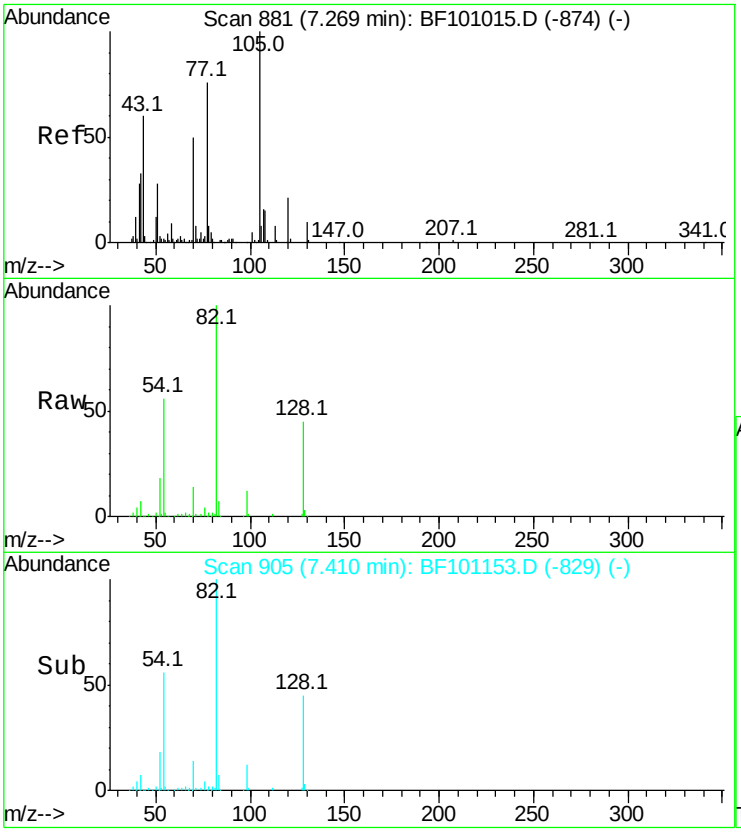


#10
Phenol
Concen: 2.081 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Tgt Ion: 94 Resp: 8730

Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.9	47.9
66	42.0	16.2	56.2



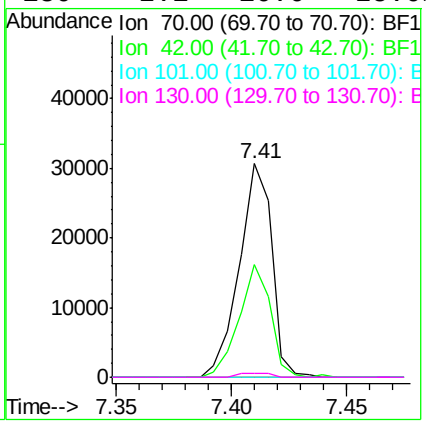


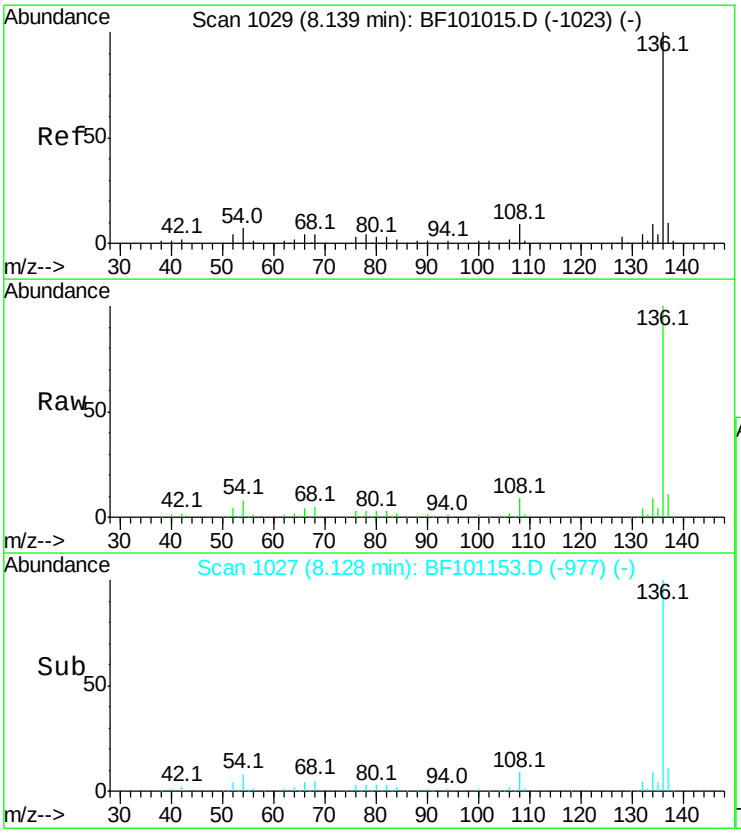
#19
n-Nitroso-di-n-propylamine
Concen: 11.922 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 30290

Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

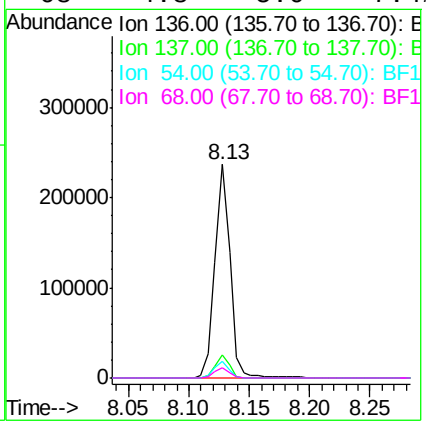


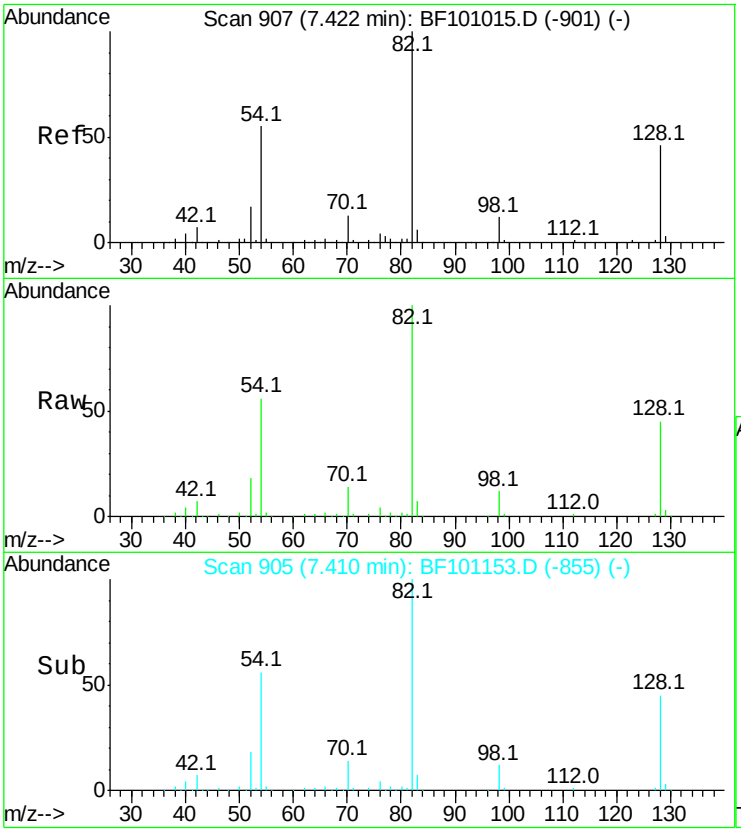


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Tgt Ion:136 Resp: 203417

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	6.6	9.8
68	4.8	5.0	7.4#



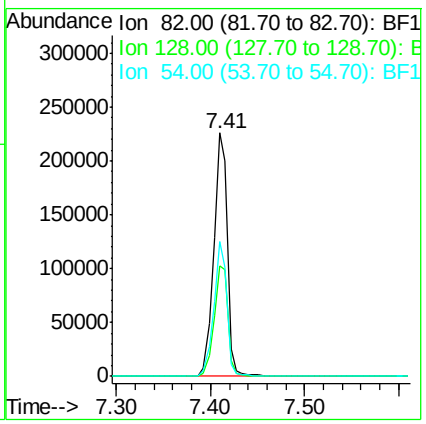


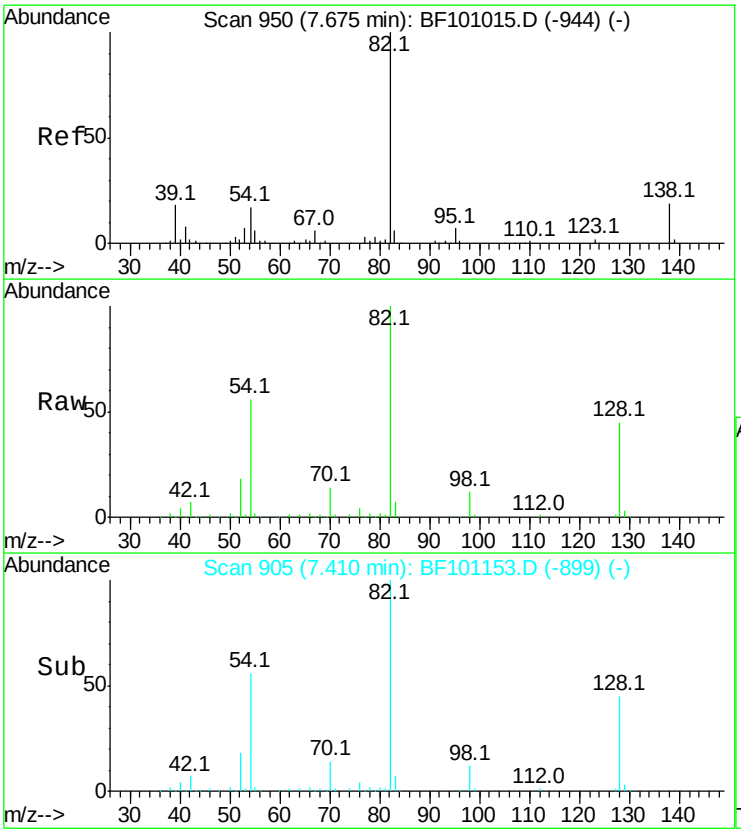
#23
Nitrobenzene-d5
Concen: 67.792 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 231172

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	55.5	41.4	62.2

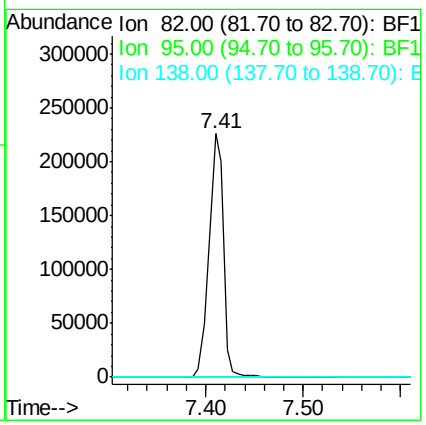


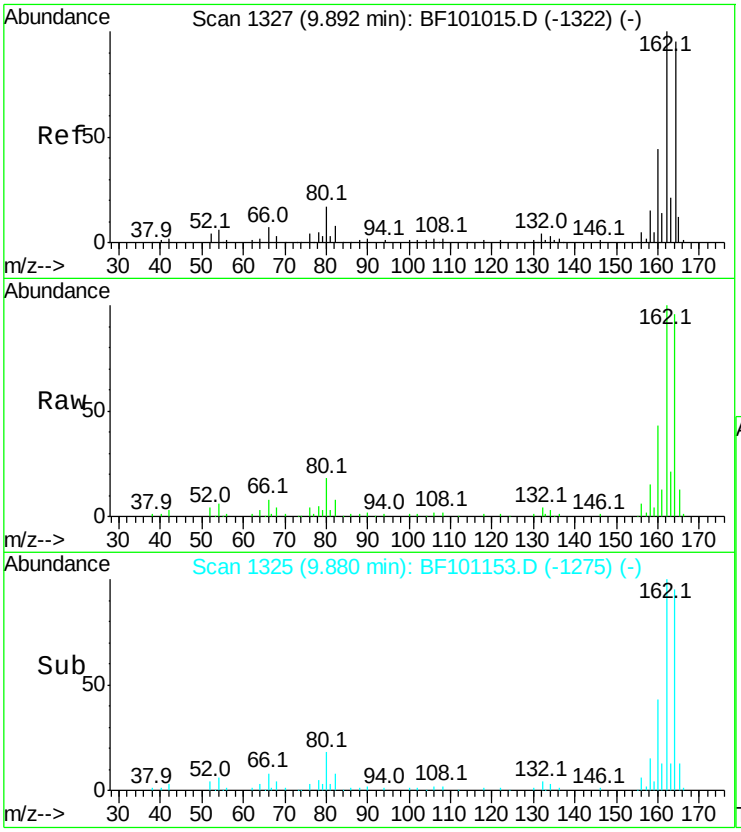


#25
Isophorone
Concen: 39.688 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Tgt Ion: 82 Resp: 231170

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



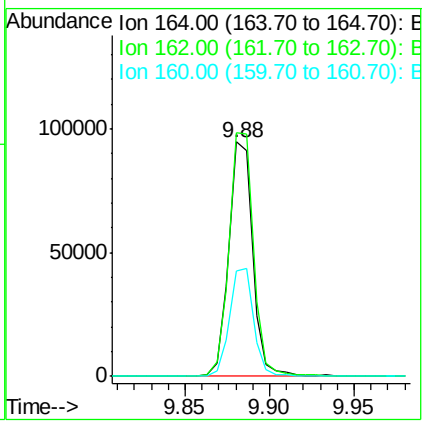


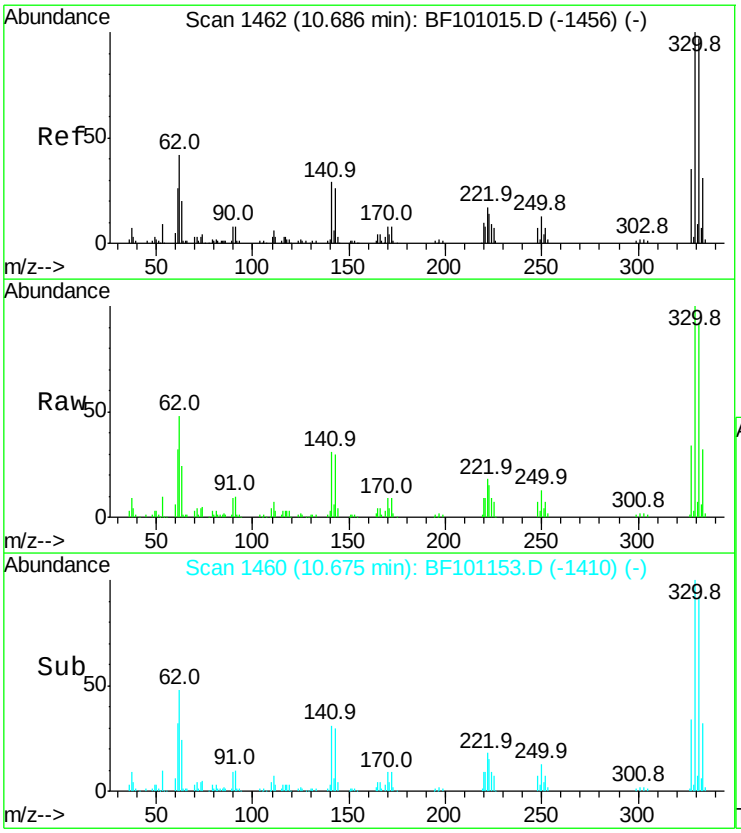
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 93020

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.0	38.3	57.5

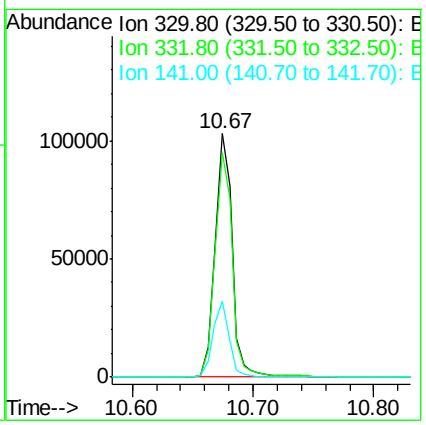


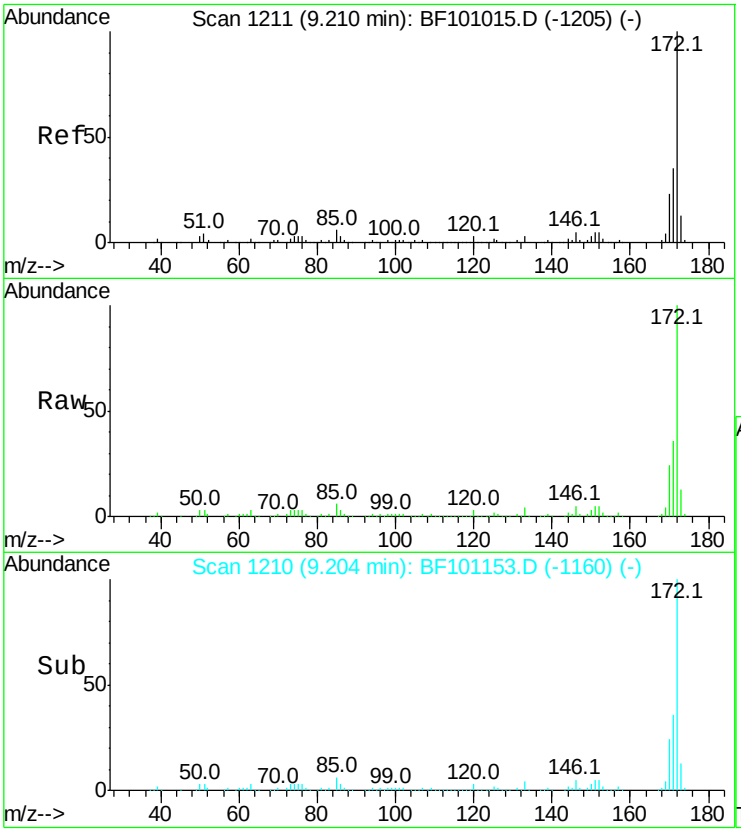


#41
2,4,6-Tribromophenol
Concen: 89.113 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Tgt Ion:330 Resp: 99578

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	29.3	29.9	44.9#



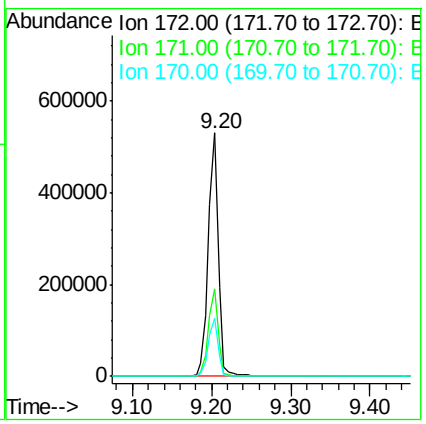


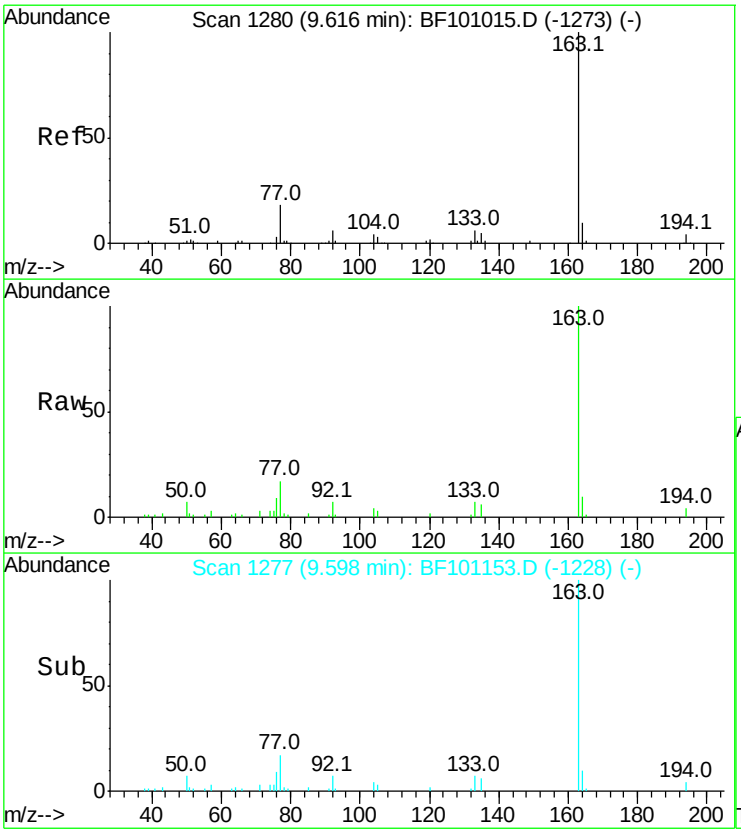
#44
2-Fluorobiphenyl
Concen: 68.844 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 468050

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4

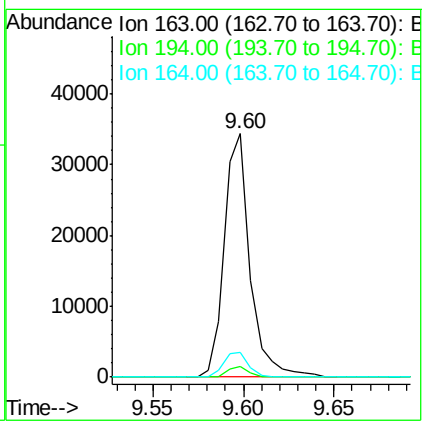


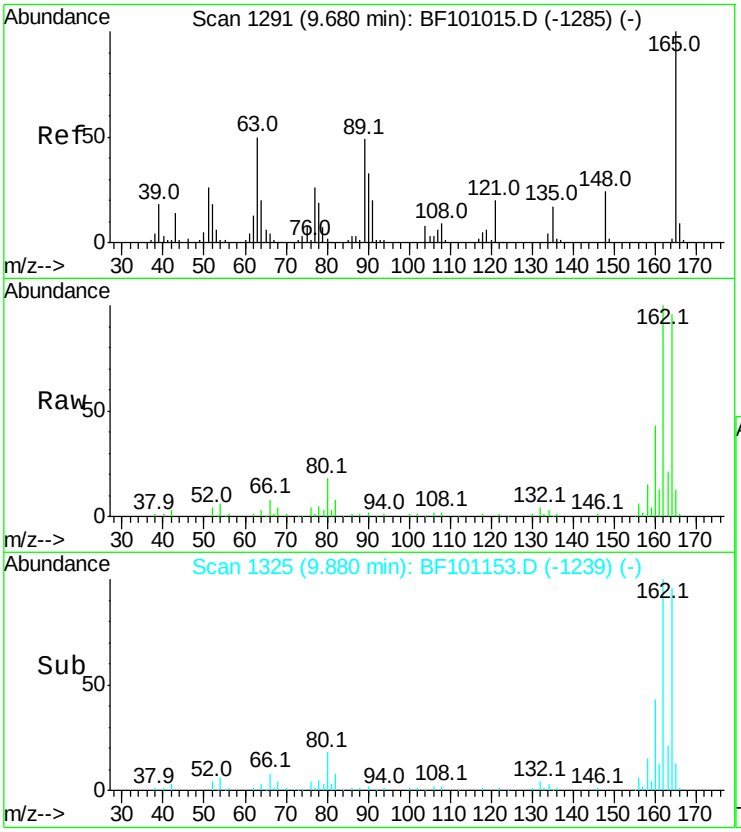


#49
Dimethylphthalate
Concen: 4.533 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Tgt Ion:163 Resp: 34004

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.4	8.2	12.2



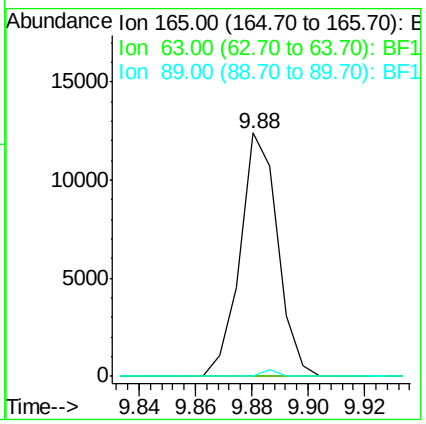


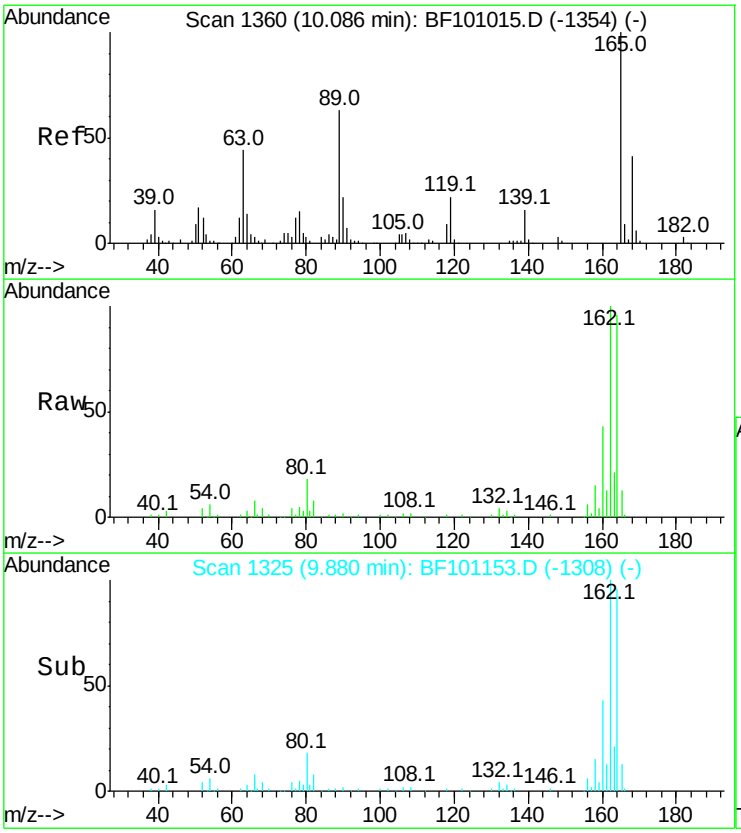
#50
2,6-Dinitrotoluene
Concen: 7.228 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11421

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

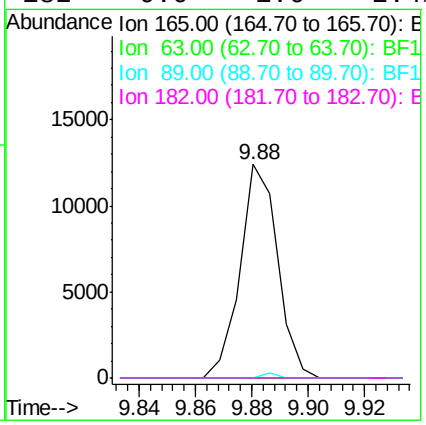


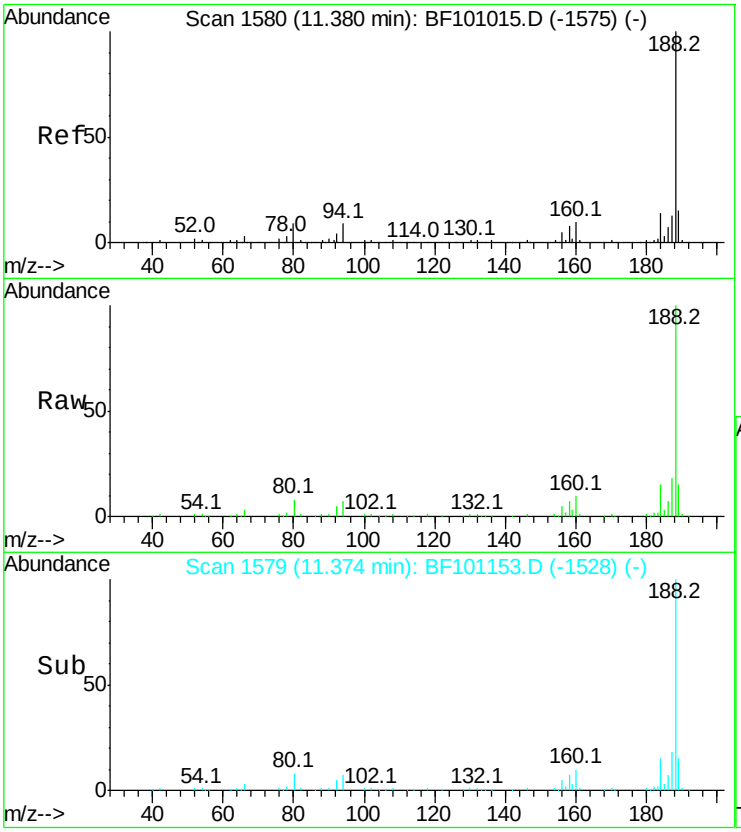


#56
2,4-Dinitrotoluene
Concen: 5.394 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.20 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Tgt Ion:165 Resp: 11421

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#



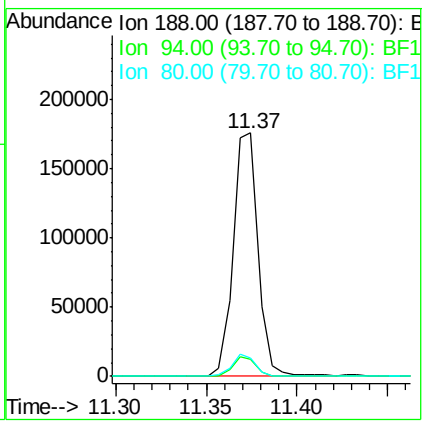


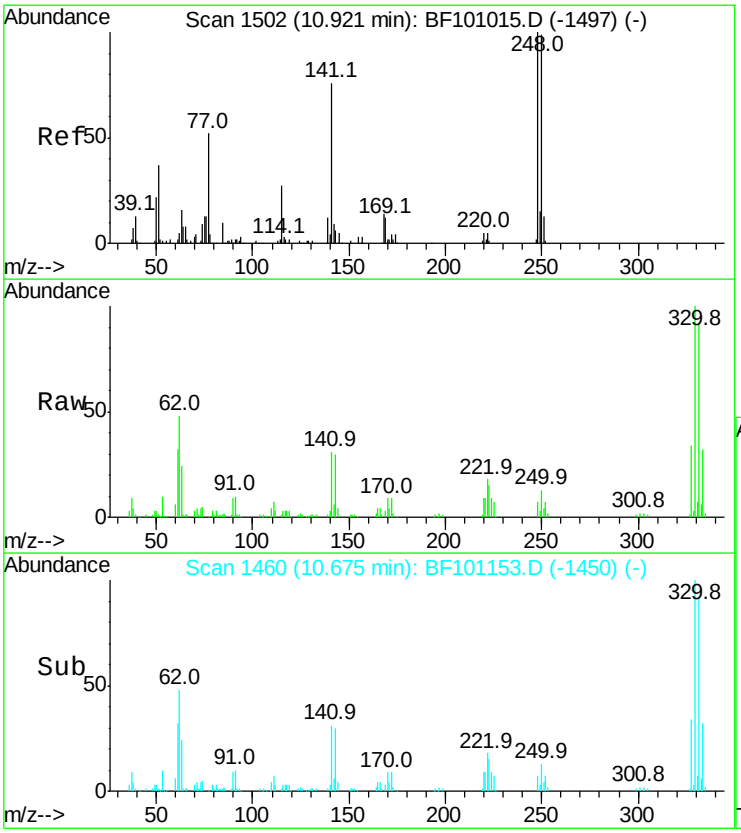
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 167724

Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.5	12.7#
80	7.6	9.2	13.8#

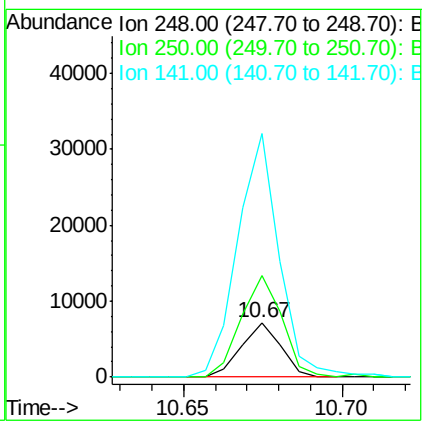


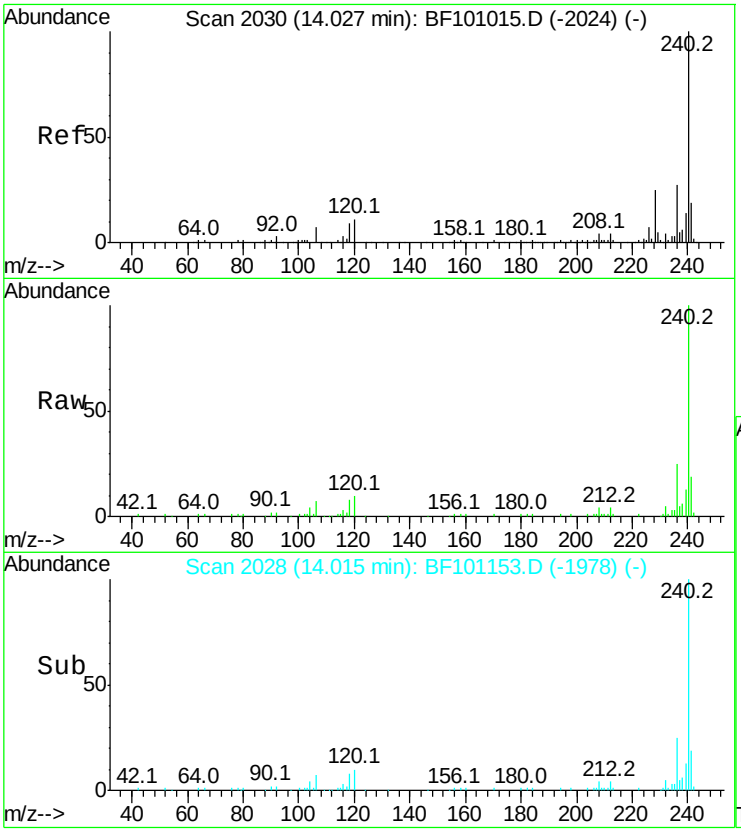


#66
4-Bromophenyl-phenylether
Concen: 3.260 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Tgt Ion:248 Resp: 6121

Ion	Ratio	Lower	Upper
248	100		
250	185.2	76.9	115.3#
141	445.2	74.4	111.6#



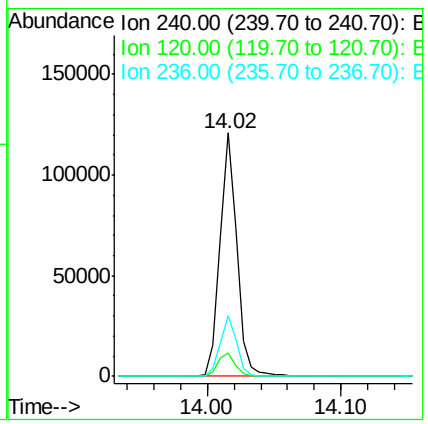


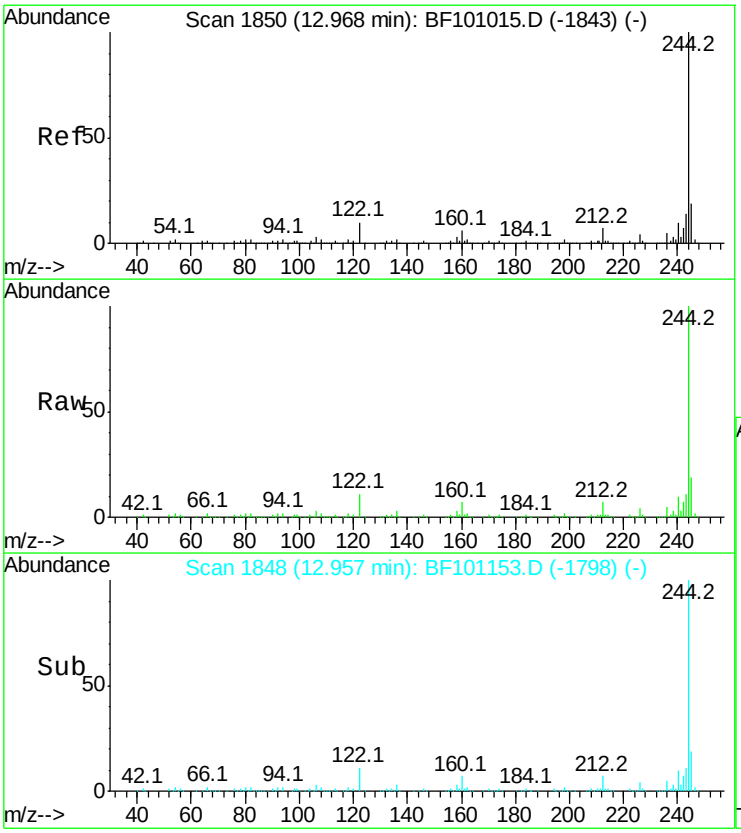
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 109549

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	24.7	20.7	31.1

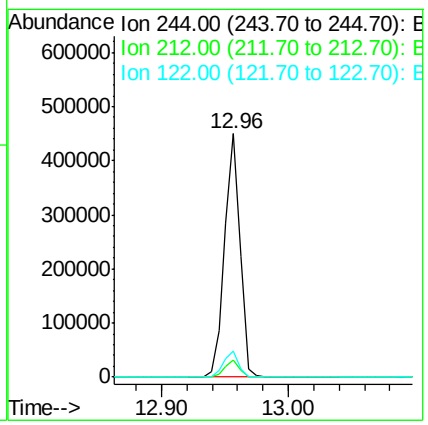


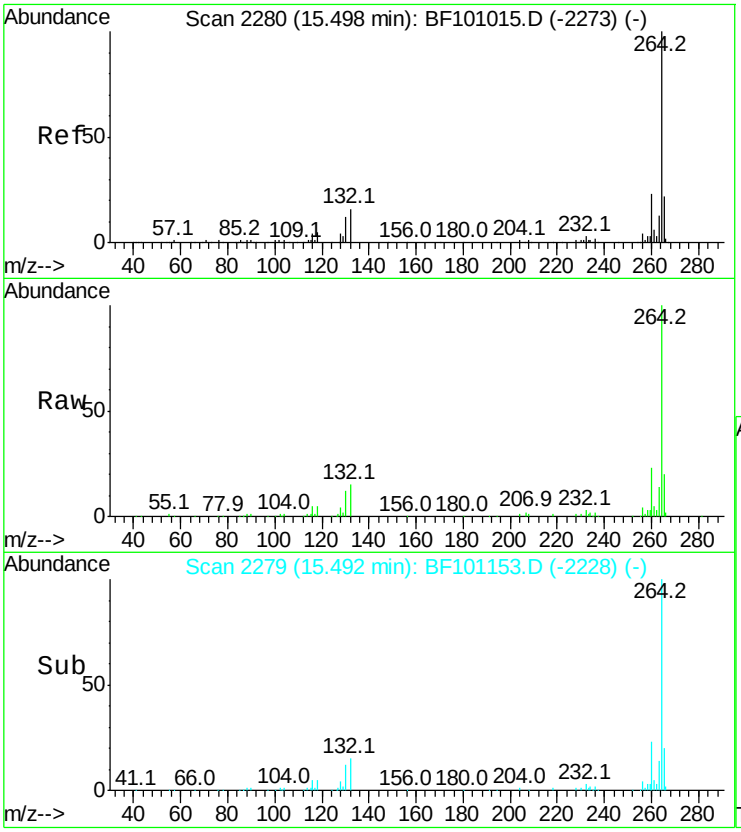


#78
Terphenyl-d14
Concen: 76.136 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Tgt Ion:244 Resp: 381327

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.9	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101153.D
Acq: 6 Dec 2017 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 115514

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.1	17.5	26.3