Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112017\

Quantitation Report (Not Reviewed)

Data File : BF100761.D
Acq On : 21 Nov 2017 6:08
Operator : SJ/JU
Sample : PB104384TB
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB104384TB

Quant Time: Nov 21 06:41:34 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	76759	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	302598	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	125818	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	197819	20.00	ng		-0.01
75) Chrysene-d12	14.03	240	172675	20.00	ng		-0.01
86) Perylene-d12	15.50	264	132972	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	583192	121.79	ng		0.00
7) Phenol-d6	6.50	99	697935	118.20	ng		-0.01
23) Nitrobenzene-d5	7.43	82	429629	93.87	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	140356	109.47	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	858373	103.88	ng		-0.01
78) Terphenyl-d14	12.98	244	615462	81.90	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	11912	2.82	ng		83
19) n-Nitroso-di-n-propylamine	7.43	70	55405	13.53	ng	#	81
25) Isophorone	7.43	82	429626	44.67	ng	#	64
47) 2-Nitroaniline	9.23	65	1197	3.27	ng	#	1
50) 2,6-Dinitrotoluene	9.91	165	15616	8.21	ng	#	25
56) 2,4-Dinitrotoluene	9.91	165	15616	6.51	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.69	198	238	8.77	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	8545	4.03	ng	#	1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112017\

Quantitation Report (Not Reviewed)

Data File : BF100761.D
Acq On : 21 Nov 2017 6:08
Operator : SJ/JU
Sample : PB104384TB
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104384TB

Quant Time: Nov 21 06:41:34 2017
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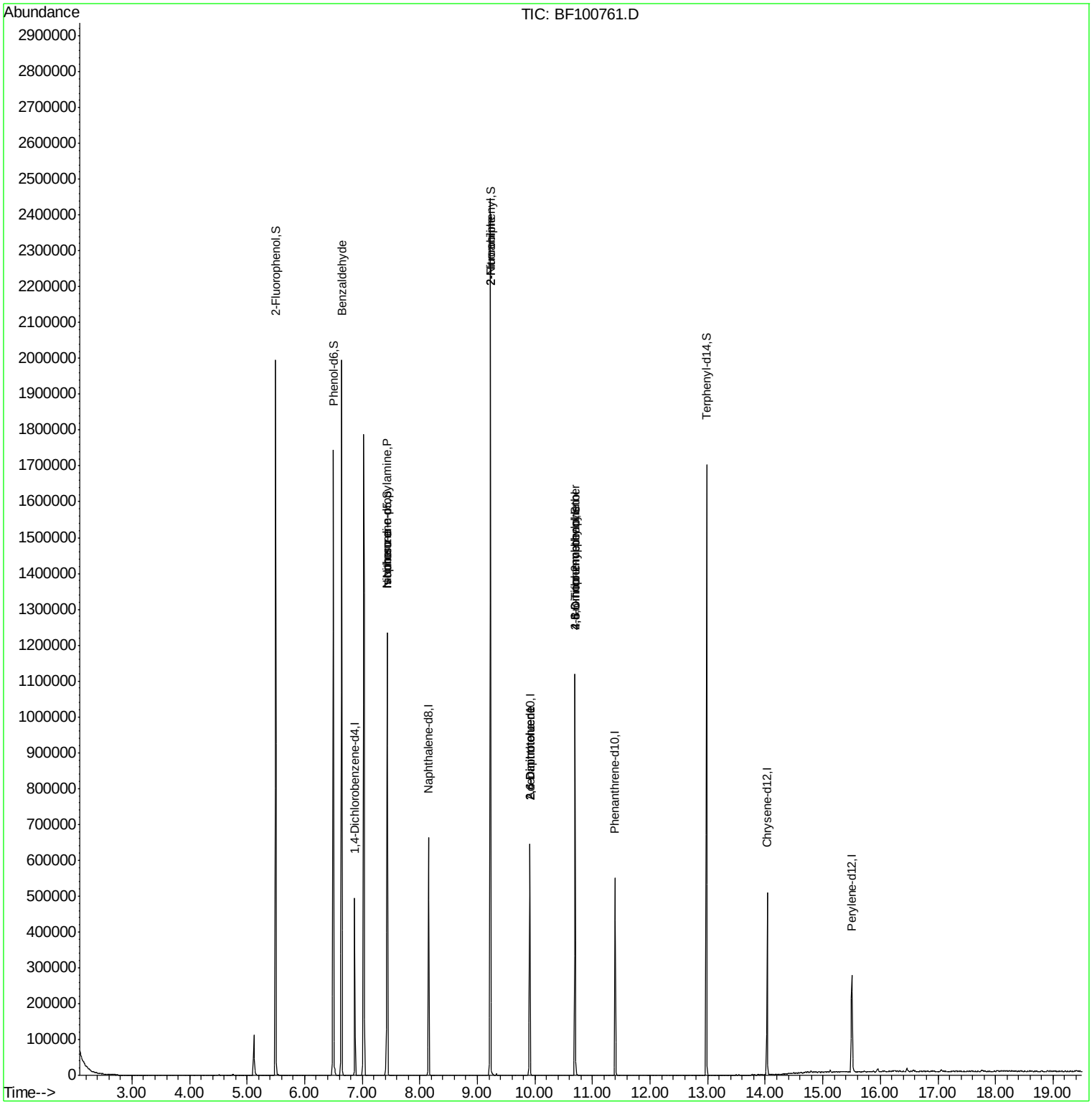
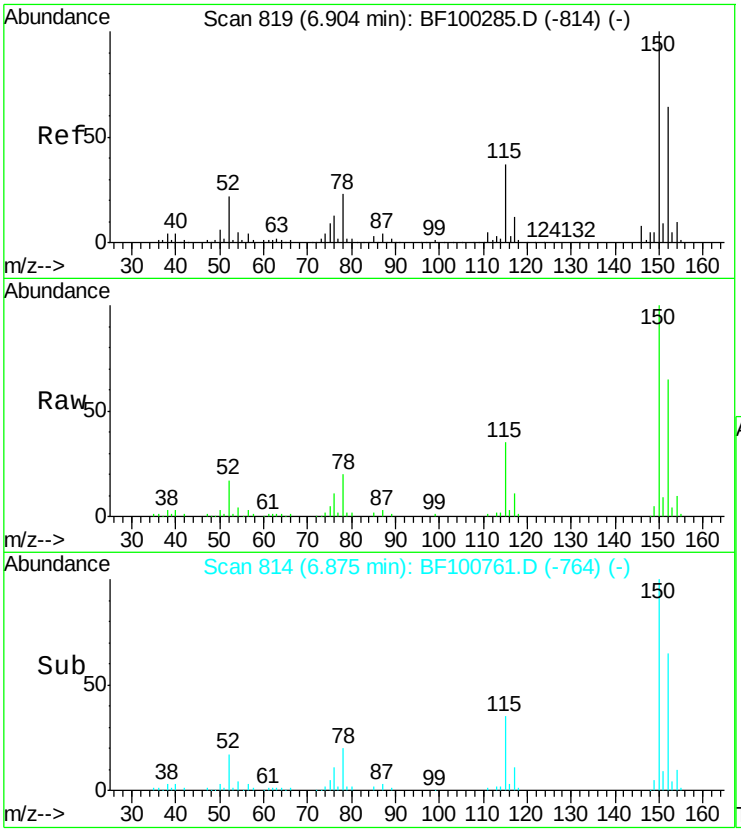


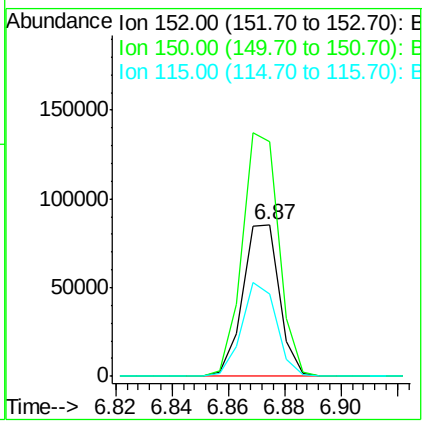


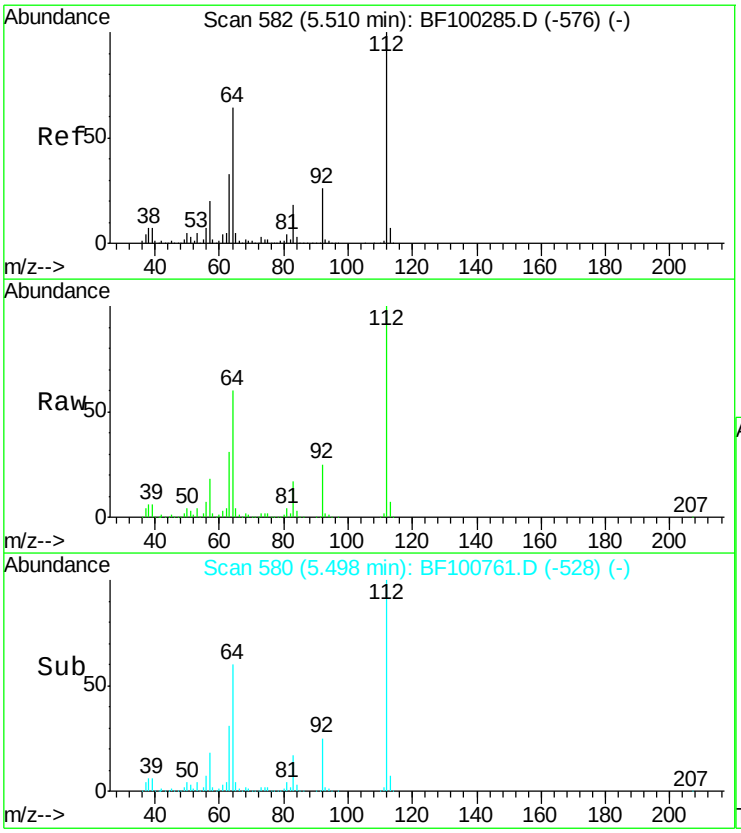
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Instrument :
BNA_F
ClientSampleId :
PB104384TB

Tgt Ion:152 Resp: 76759

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	53.8	50.1	75.1

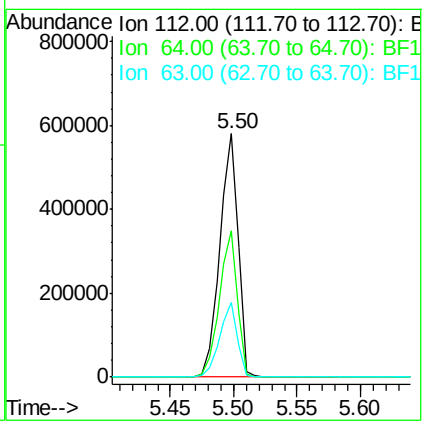


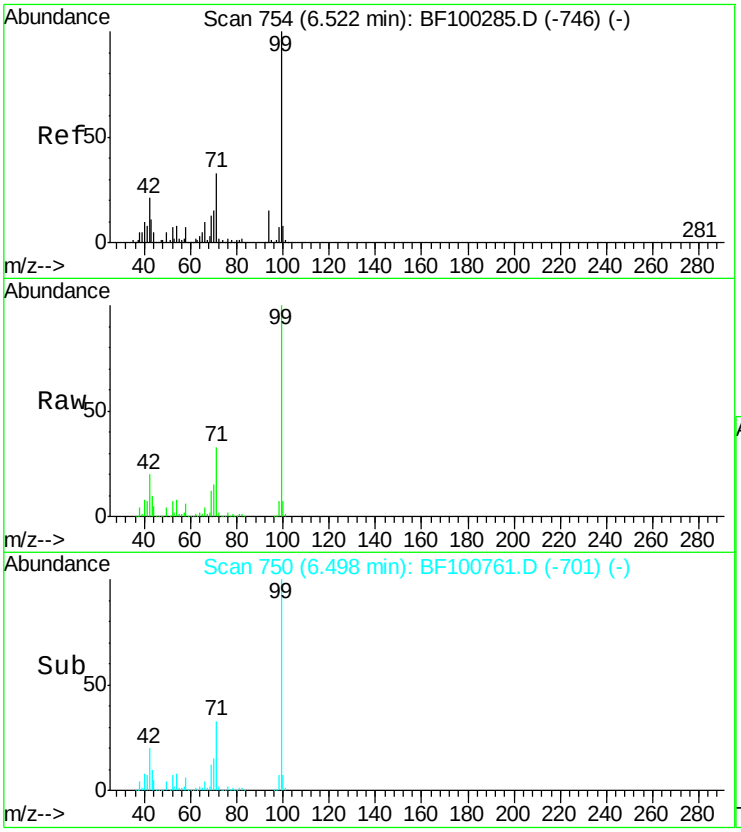


#5
2-Fluorophenol
Concen: 121.79 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Tgt Ion:112 Resp: 583192

Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	30.8	23.7	35.5



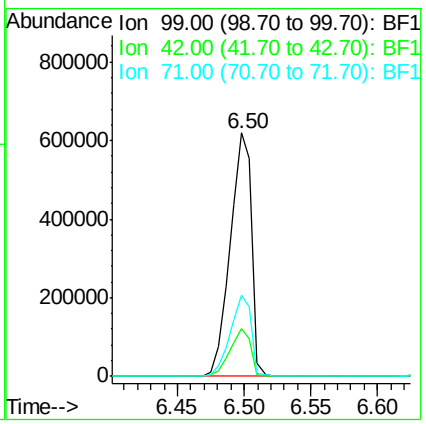


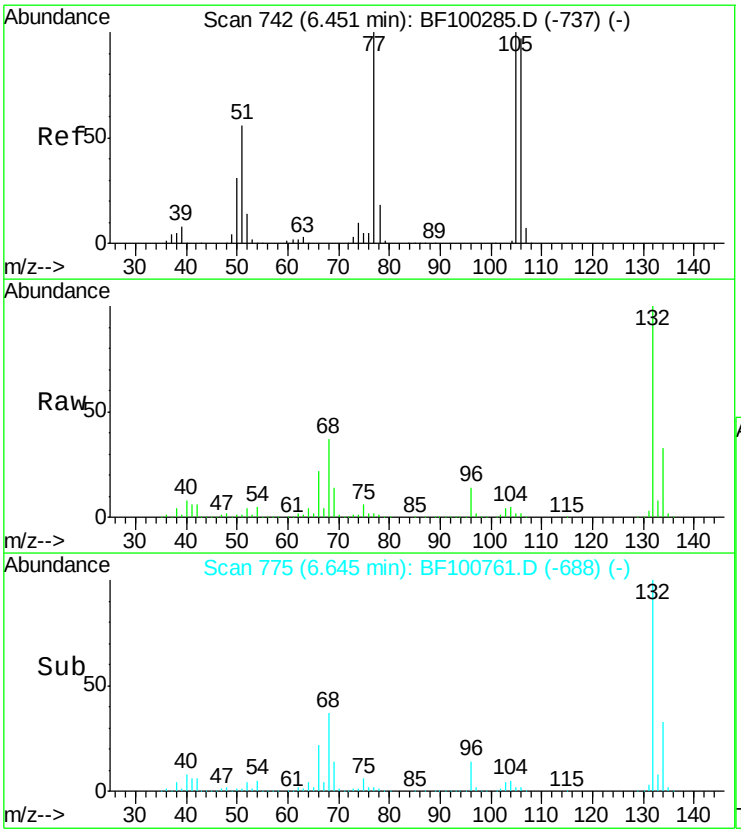
#7
Phenol-d6
Concen: 118.20 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Instrument :
BNA_F
ClientSampleId :
PB104384TB

Tgt Ion: 99 Resp: 697935

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	33.3	25.4	38.0

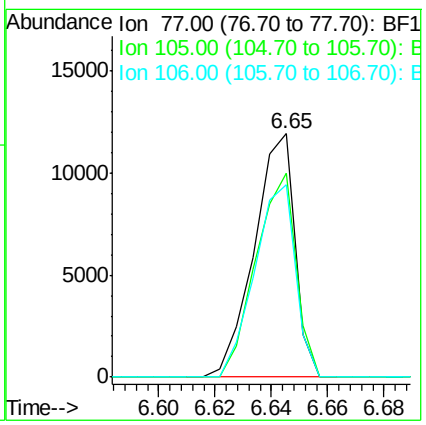


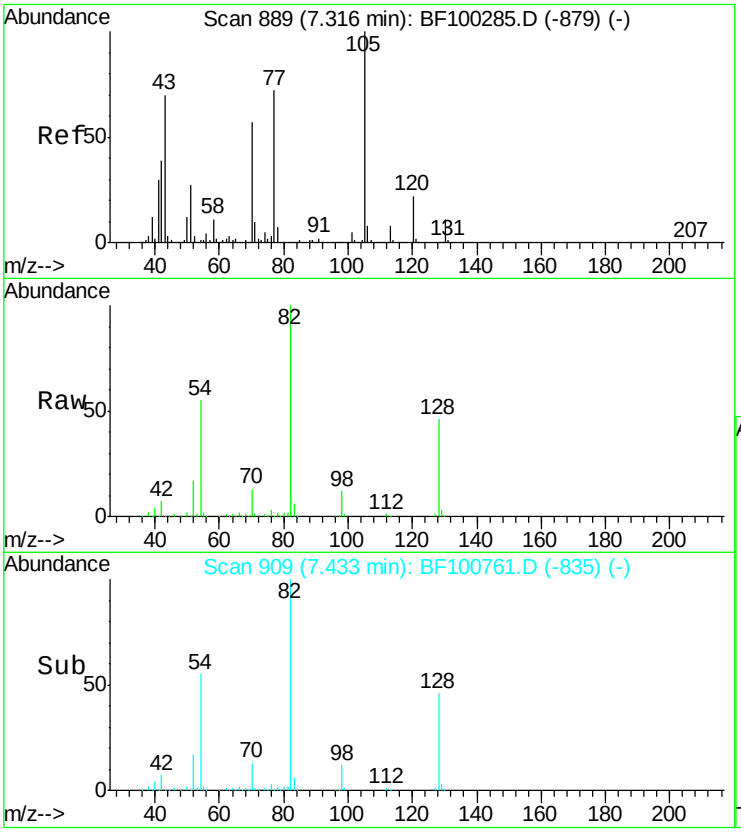


#9
Benzaldehyde
Concen: 2.82 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.21 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Tgt Ion: 77 Resp: 11912

Ion	Ratio	Lower	Upper
77	100		
105	83.9	81.1	121.1
106	79.0	74.5	114.5



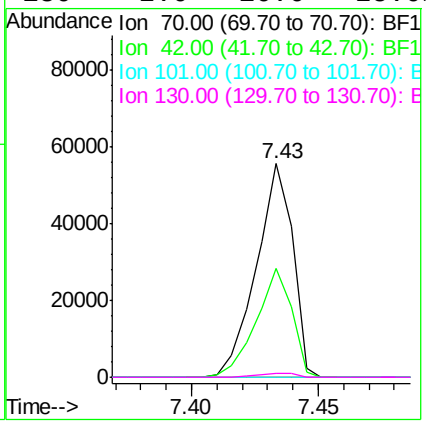


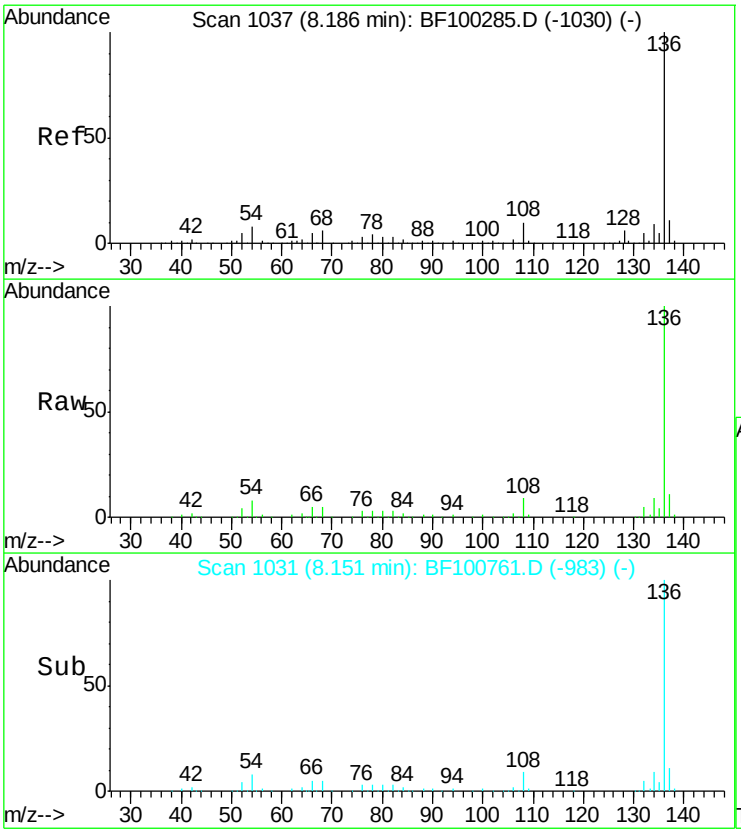
#19
n-Nitroso-di-n-propylamine
Concen: 13.53 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Instrument :
BNA_F
ClientSampleId :
PB104384TB

Tgt Ion: 70 Resp: 55405

Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

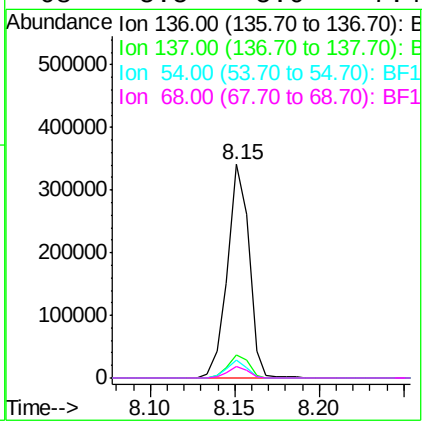


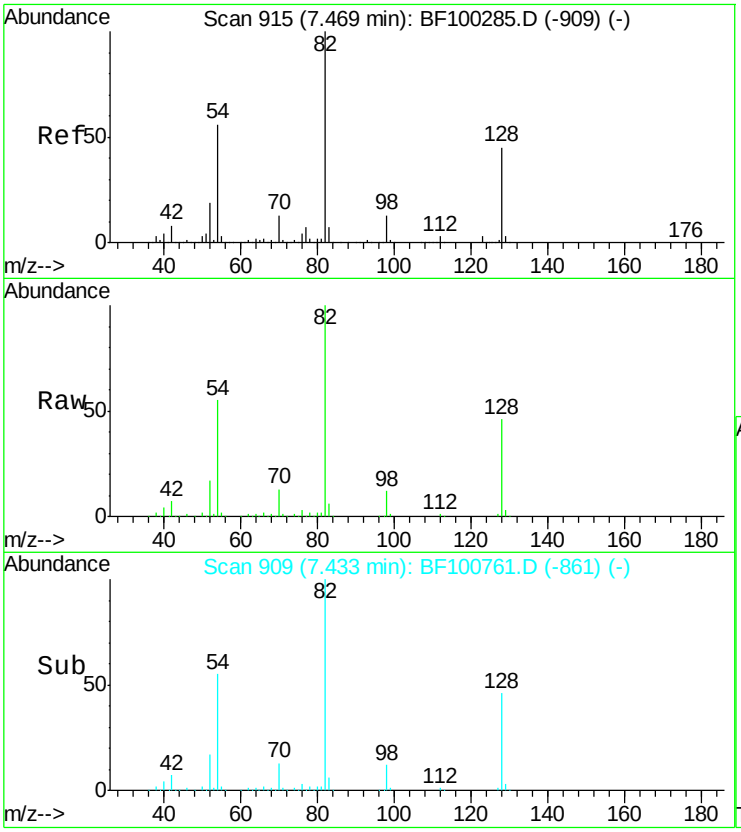


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Tgt Ion:136 Resp: 302598

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.3	6.6	9.8
68	5.5	5.0	7.4



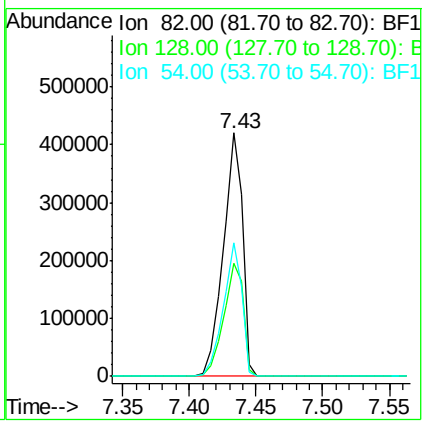


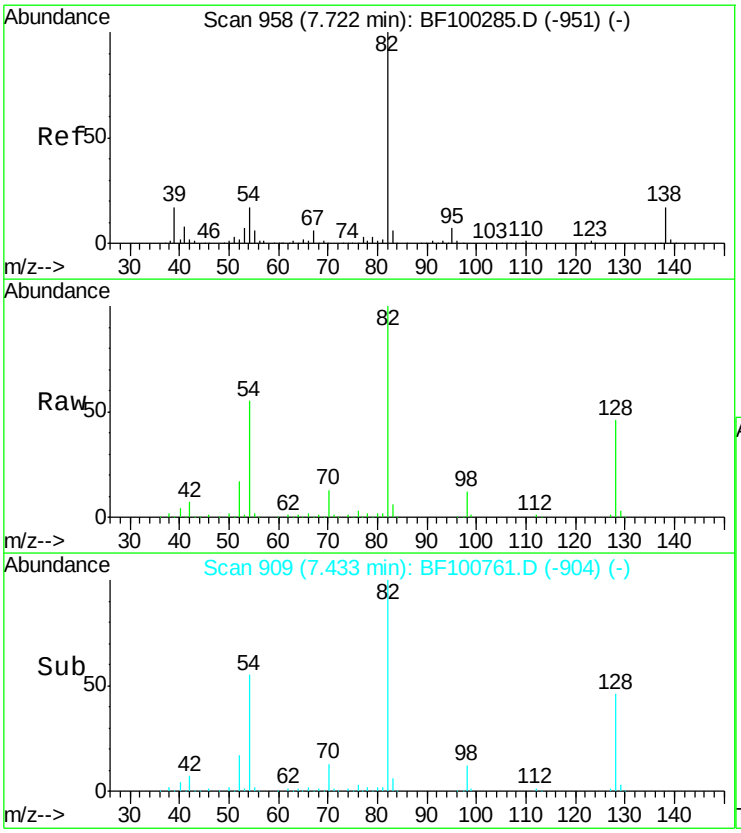
#23
Nitrobenzene-d5
Concen: 93.87 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Instrument :
BNA_F
ClientSampleId :
PB104384TB

Tgt Ion: 82 Resp: 429629

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	54.6	41.4	62.2

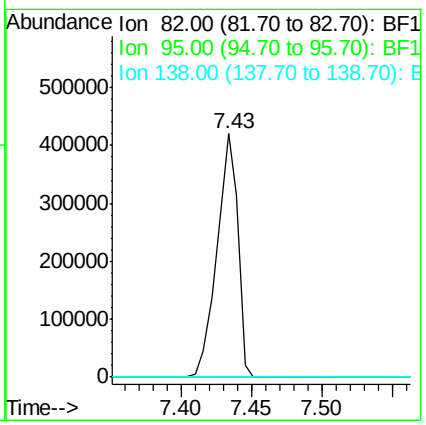


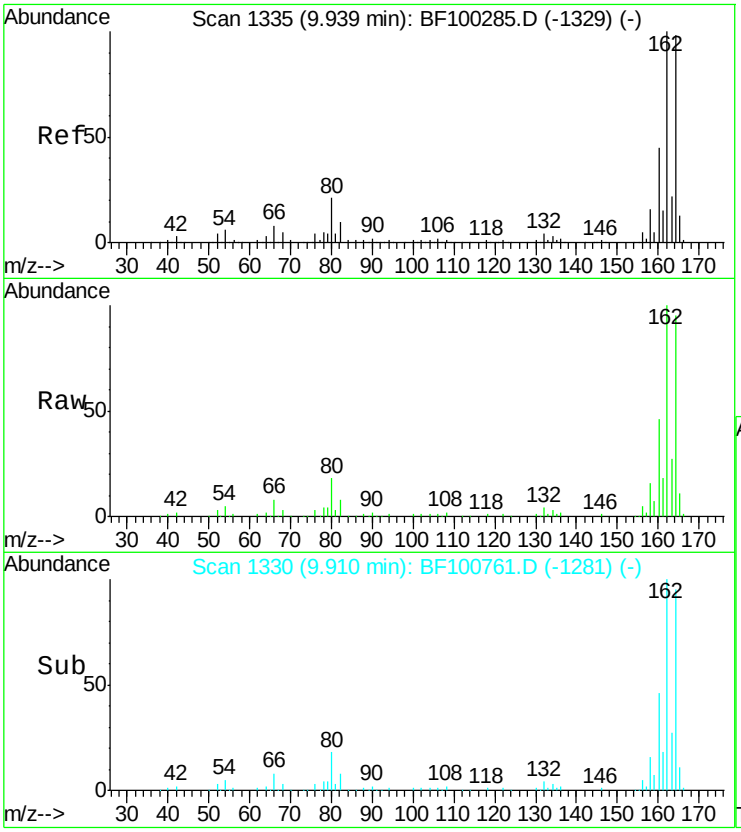


#25
Isophorone
Concen: 44.67 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Tgt Ion: 82 Resp: 429626

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



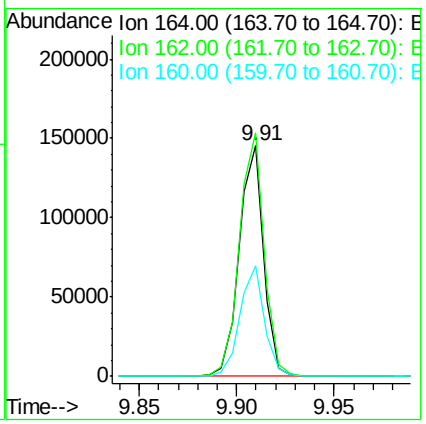


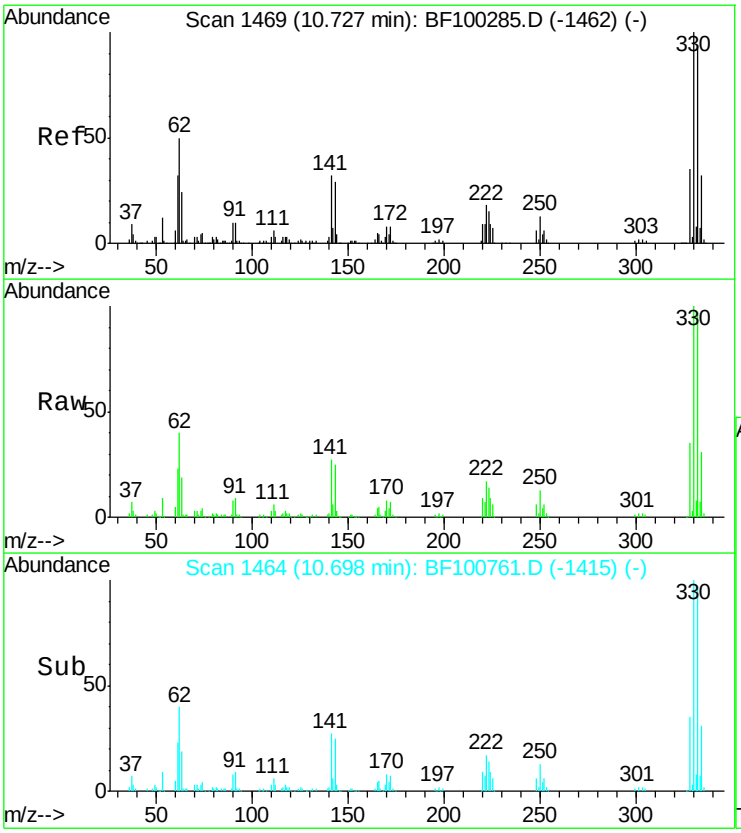
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Instrument :
BNA_F
ClientSampleId :
PB104384TB

Tgt Ion:164 Resp: 125818

Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	48.1	38.3	57.5

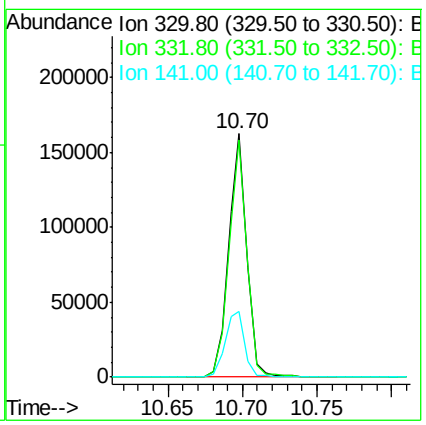


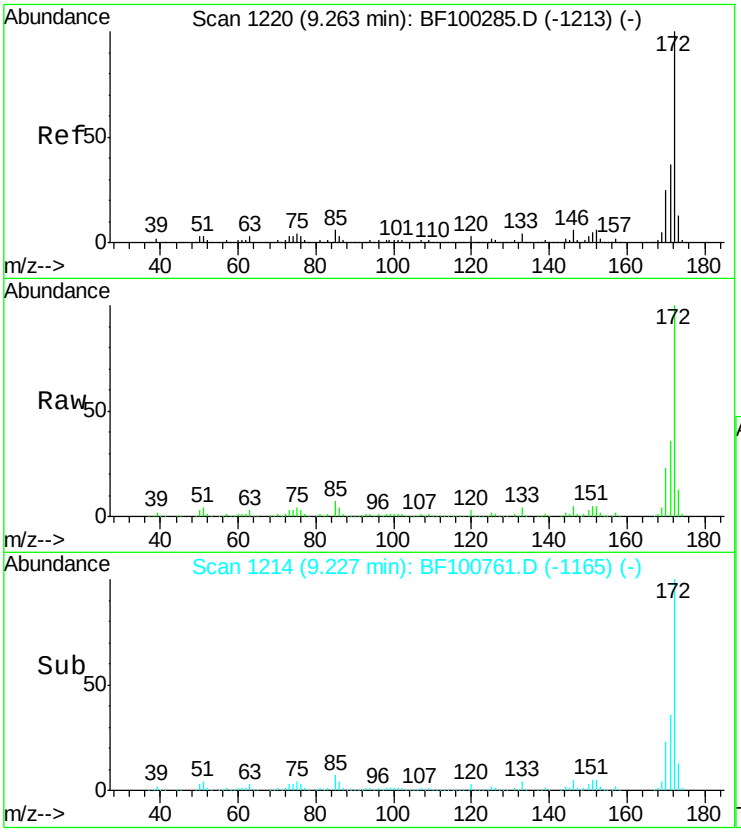


#41
2,4,6-Tribromophenol
Concen: 109.47 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Tgt Ion:330 Resp: 140356

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	29.3	29.9	44.9#



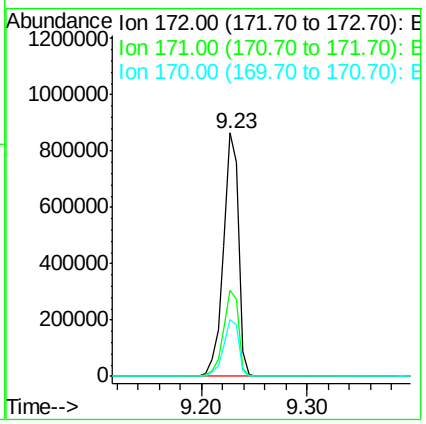


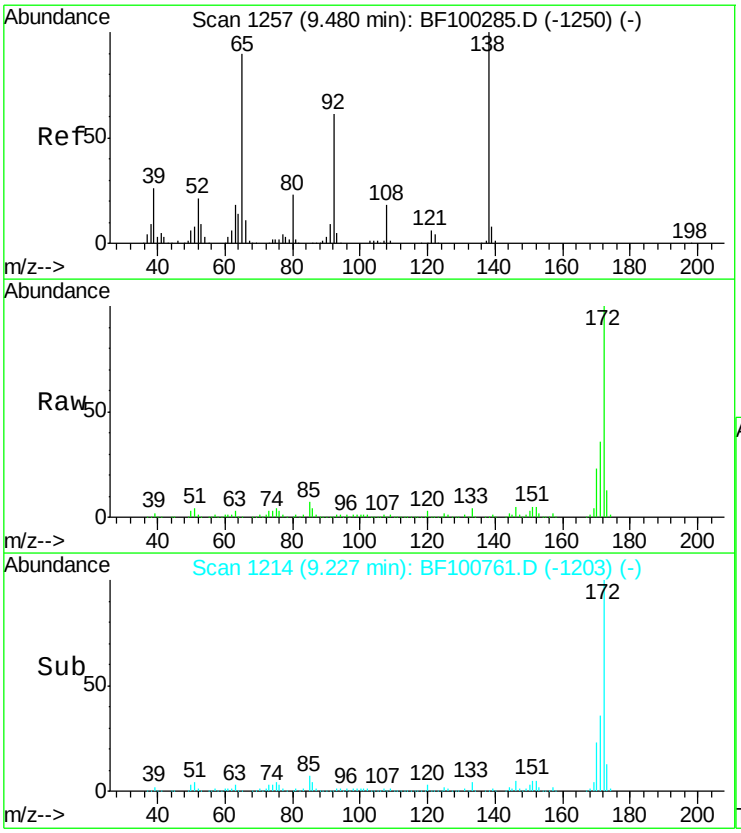
#44
2-Fluorobiphenyl
Concen: 103.88 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Instrument :
BNA_F
ClientSampleId :
PB104384TB

Tgt Ion:172 Resp: 858373

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.4	19.6	29.4

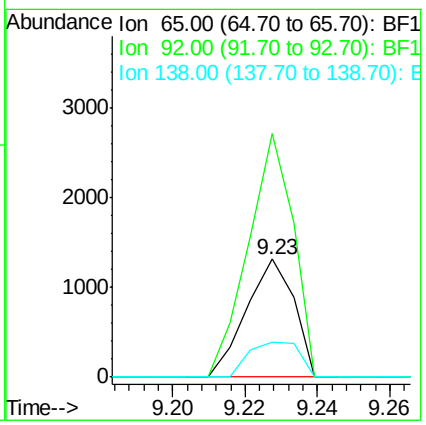


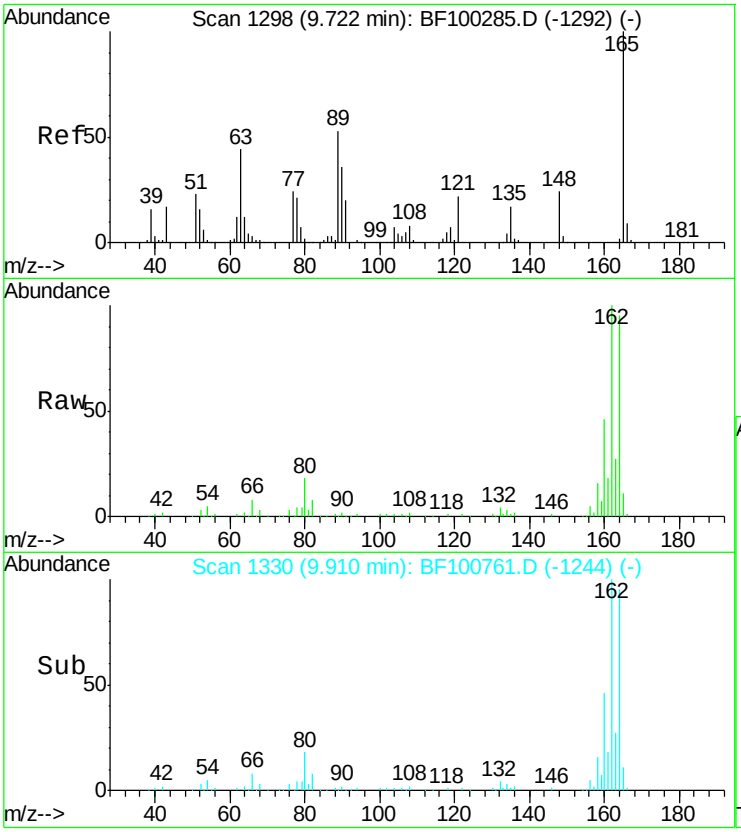


#47
2-Nitroaniline
Concen: 3.27 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.24 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Tgt Ion: 65 Resp: 1197

Ion	Ratio	Lower	Upper
65	100		
92	207.0	55.8	83.6#
138	30.2	91.2	136.8#



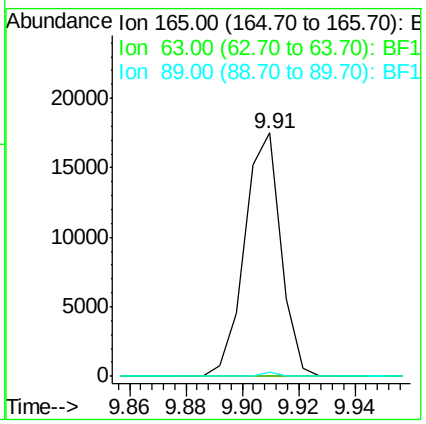


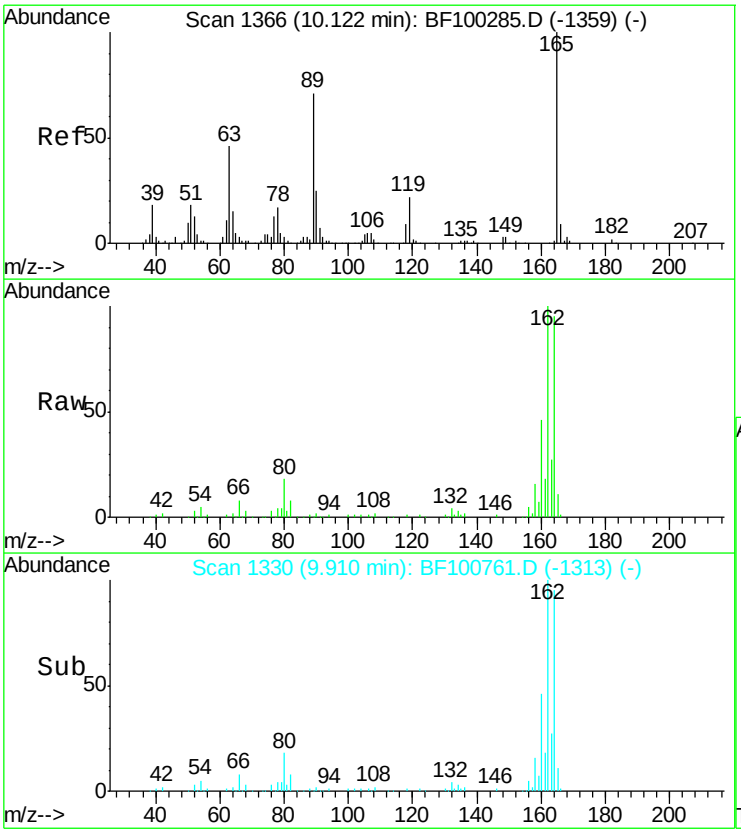
#50
2,6-Dinitrotoluene
Concen: 8.21 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Instrument :
BNA_F
ClientSampleId :
PB104384TB

Tgt Ion:165 Resp: 15616

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	2.0	44.0	66.0#

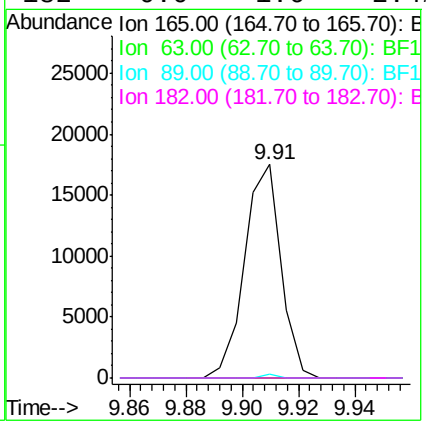


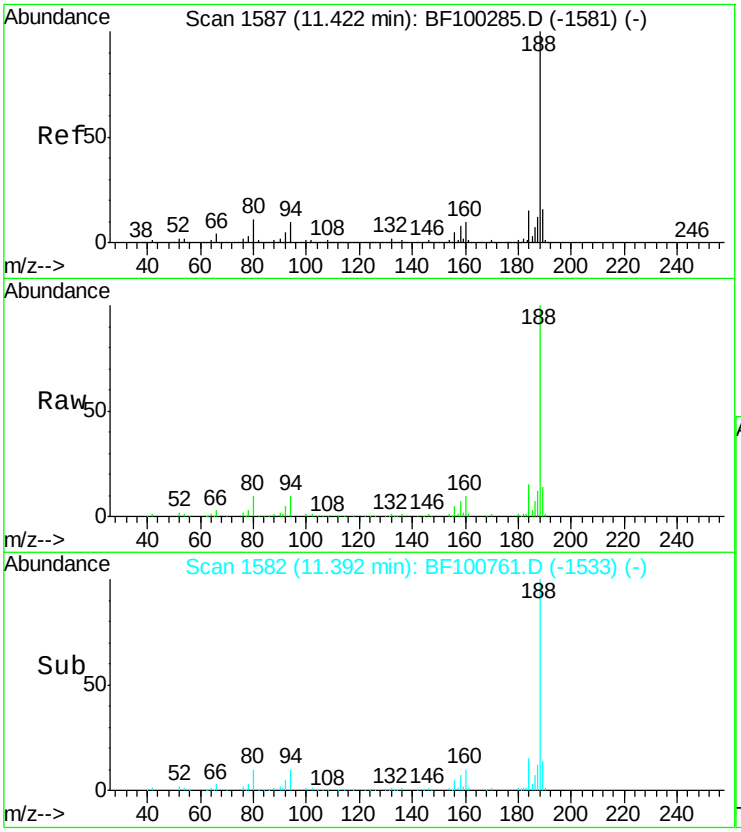


#56
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Tgt Ion:165 Resp: 15616

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



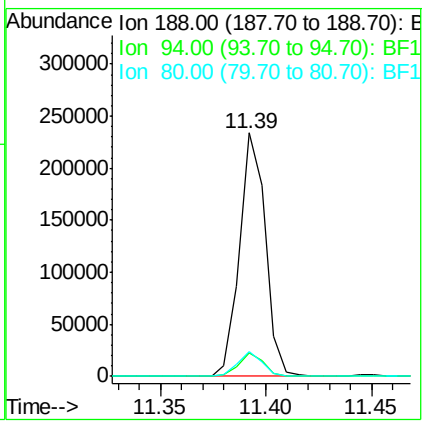


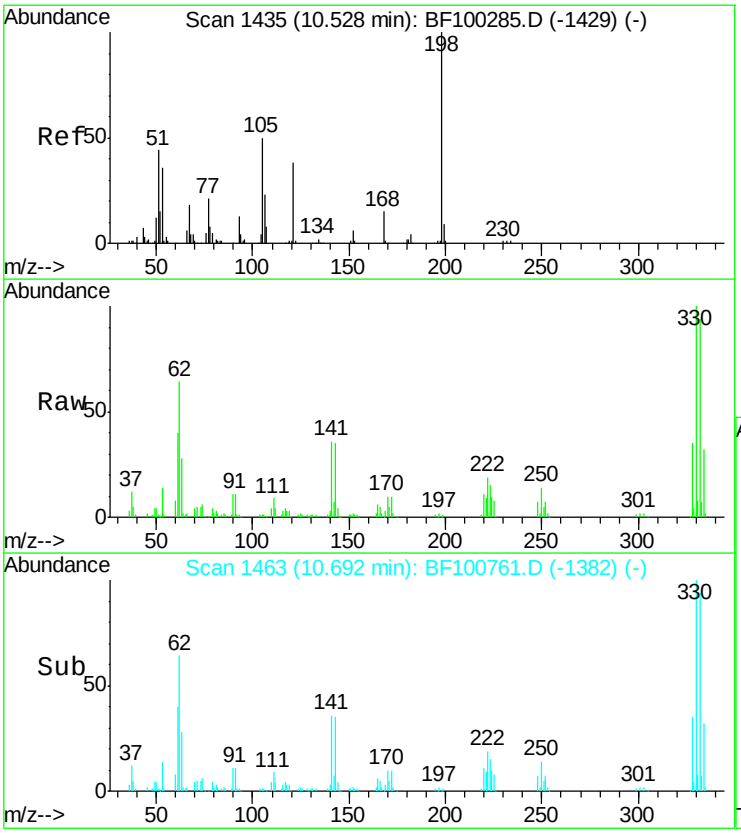
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Instrument :
BNA_F
ClientSampleId :
PB104384TB

Tgt Ion:188 Resp: 197819

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.1	9.2	13.8

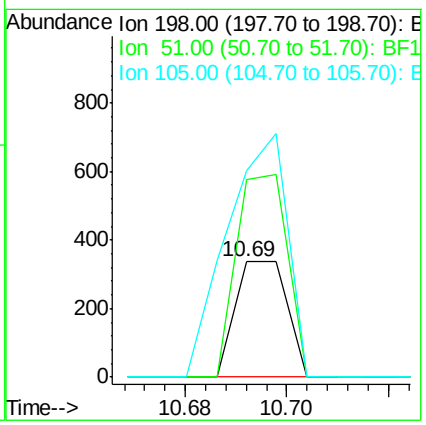


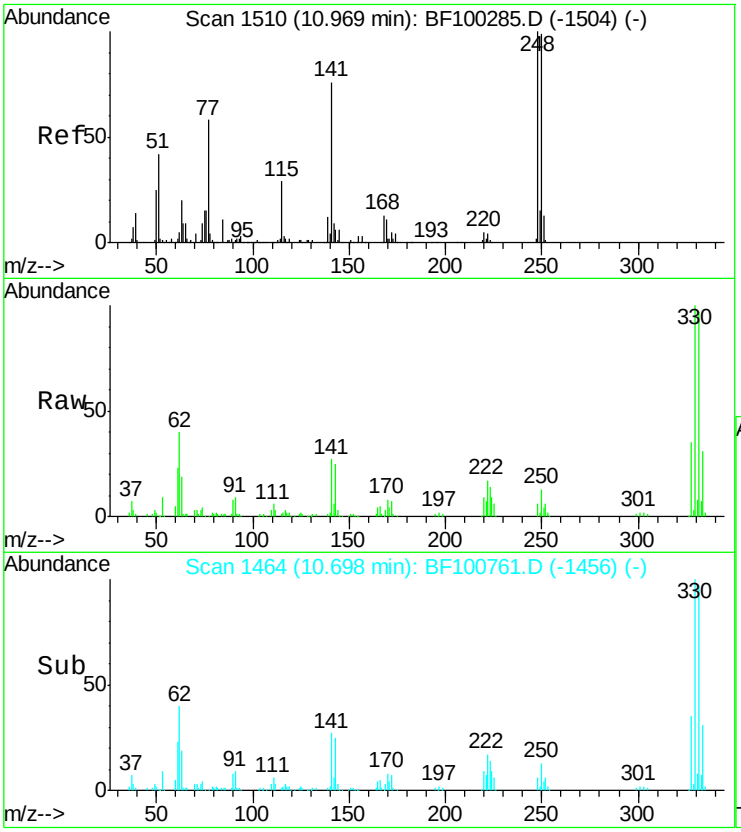


#64
4,6-Dinitro-2-methylphenol
Concen: 8.77 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.18 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Tgt Ion:198 Resp: 238

Ion	Ratio	Lower	Upper
198	100		
51	170.6	37.7	77.7#
105	178.6	36.3	76.3#



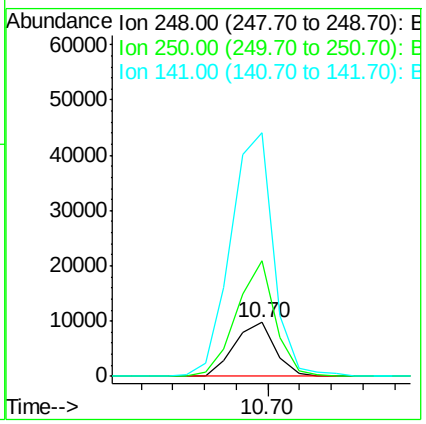


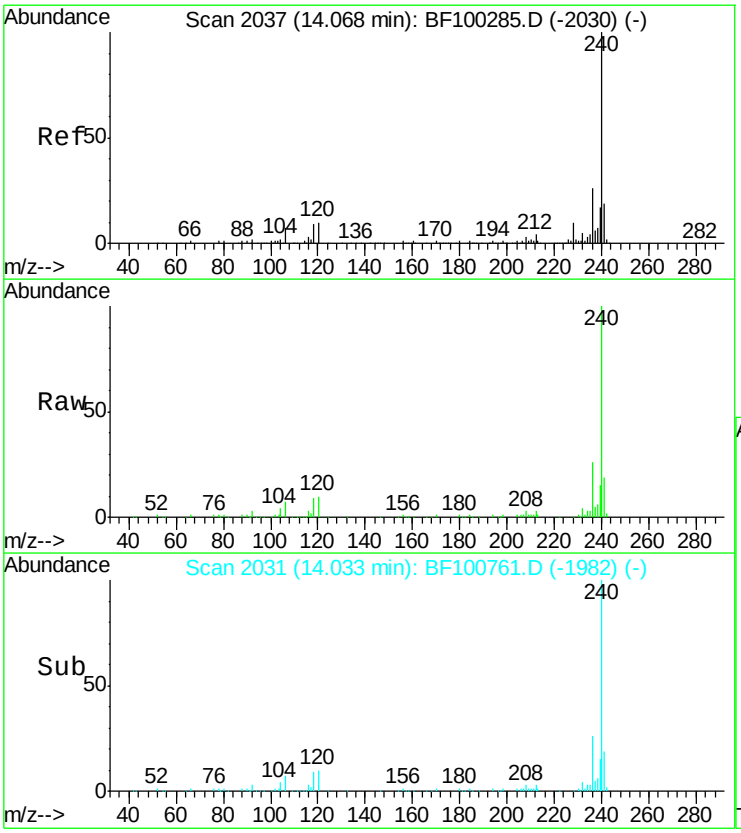
#66
4-Bromophenyl-phenylether
Concen: 4.03 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Instrument :
BNA_F
ClientSampleId :
PB104384TB

Tgt Ion:248 Resp: 8545

Ion	Ratio	Lower	Upper
248	100		
250	213.9	76.9	115.3#
141	452.1	74.4	111.6#

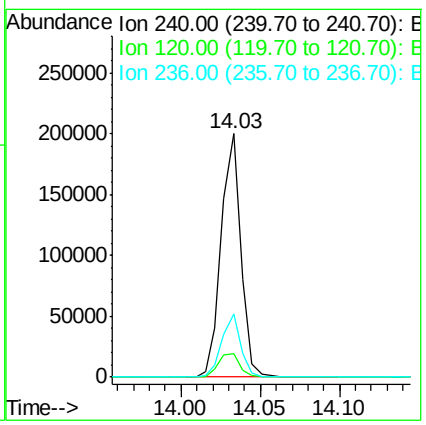


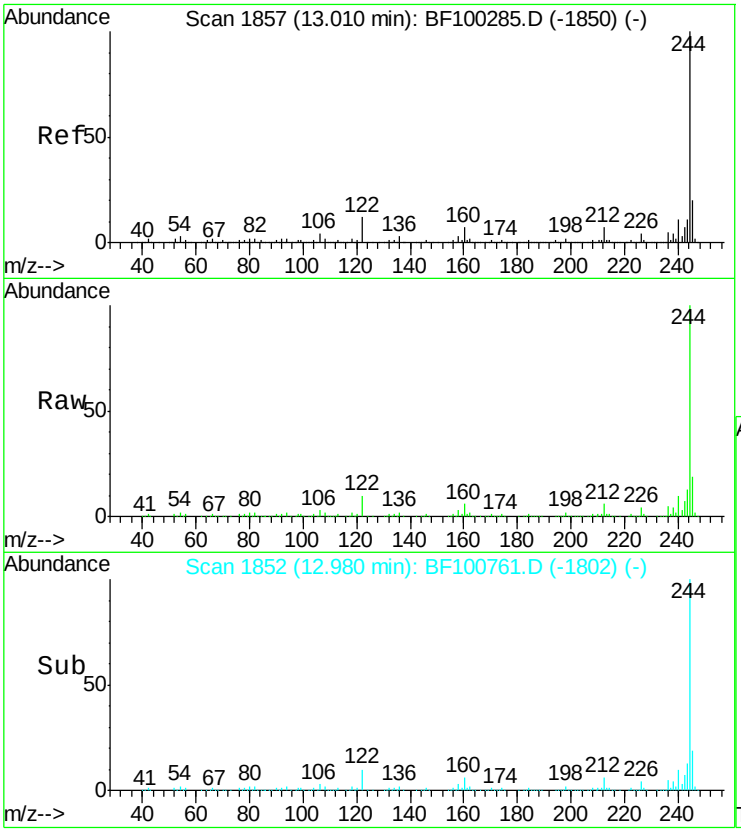


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Tgt Ion:240 Resp: 172675

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	26.0	20.7	31.1



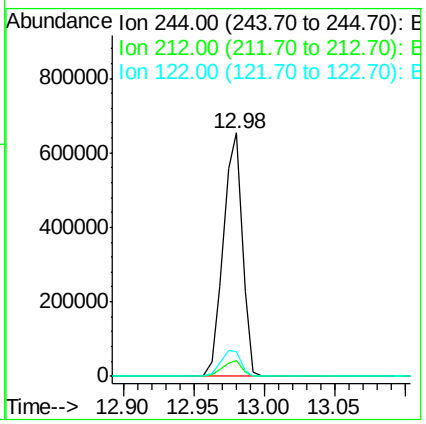


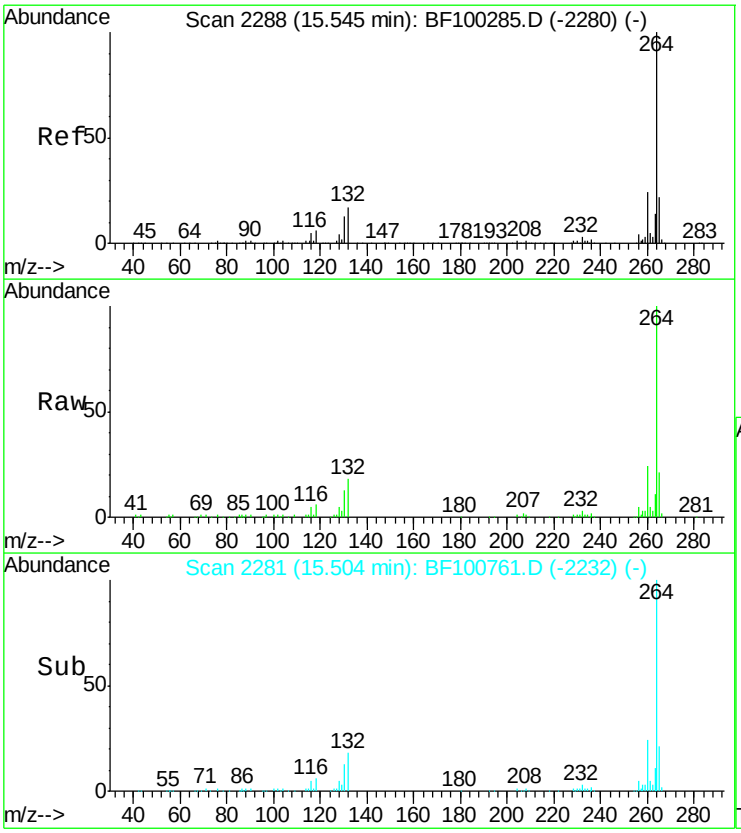
#78
Terphenyl-d14
Concen: 81.90 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Instrument :
BNA_F
ClientSampleId :
PB104384TB

Tgt Ion:244 Resp: 615462

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	10.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF100761.D
Acq: 21 Nov 2017 6:08

Tgt Ion:264 Resp: 132972

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.5	26.3