Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101162.D
Acq On : 6 Dec 2017 12:49
Operator : SJ/JU
Sample : I6709-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-109-6(10-15)

Quant Time: Dec 06 14:39:02 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	46840	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	186547	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	93013	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	191519	20.00	ng		0.00
75) Chrysene-d12	14.02	240	133719	20.00	ng		0.00
86) Perylene-d12	15.49	264	101478	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	385881	136.13	ng		0.01
7) Phenol-d6	6.49	99	458296	133.17	ng		0.00
23) Nitrobenzene-d5	7.42	82	286056	91.47	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	132077	118.21	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	594059	87.38	ng		0.00
78) Terphenyl-d14	12.96	244	609910	99.76	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	8587	4.077	ng		83
10) Phenol	6.49	94	9185	2.400	ng	#	20
19) n-Nitroso-di-n-propylamine	7.42	70	38057	16.420	ng	#	81
25) Isophorone	7.42	82	286053	53.552	ng	#	64
49) Dimethylphthalate	9.60	163	45715	6.094	ng	#	98
50) 2,6-Dinitrotoluene	9.88	165	11708	7.410	ng	#	24
56) 2,4-Dinitrotoluene	9.88	165	11708	5.529	ng	#	21
66) 4-Bromophenyl-phenylether	10.68	248	8259	3.853	ng	#	1

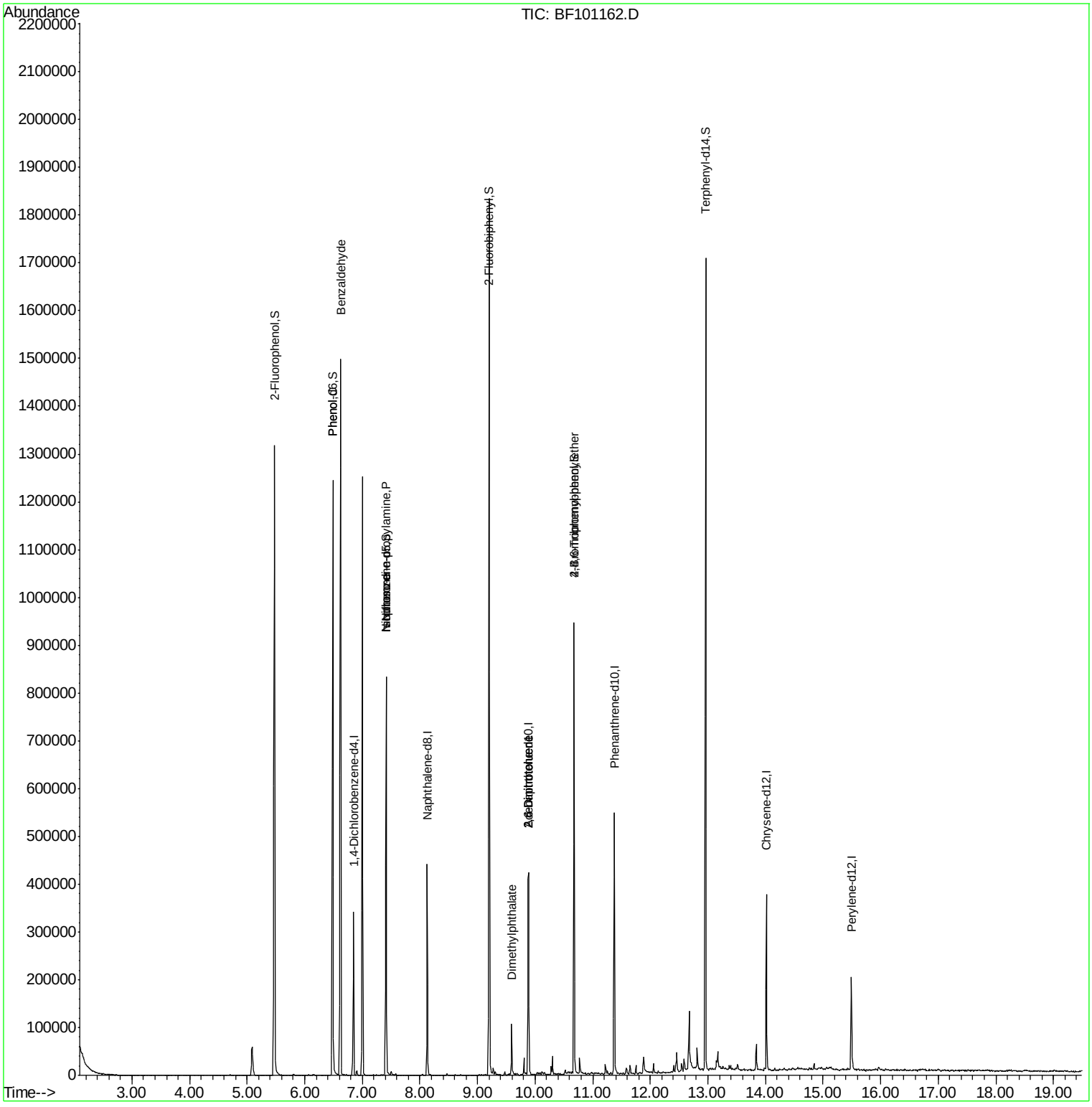
(#) = qualifier out of range (m) = manual integration (+) = signals summed

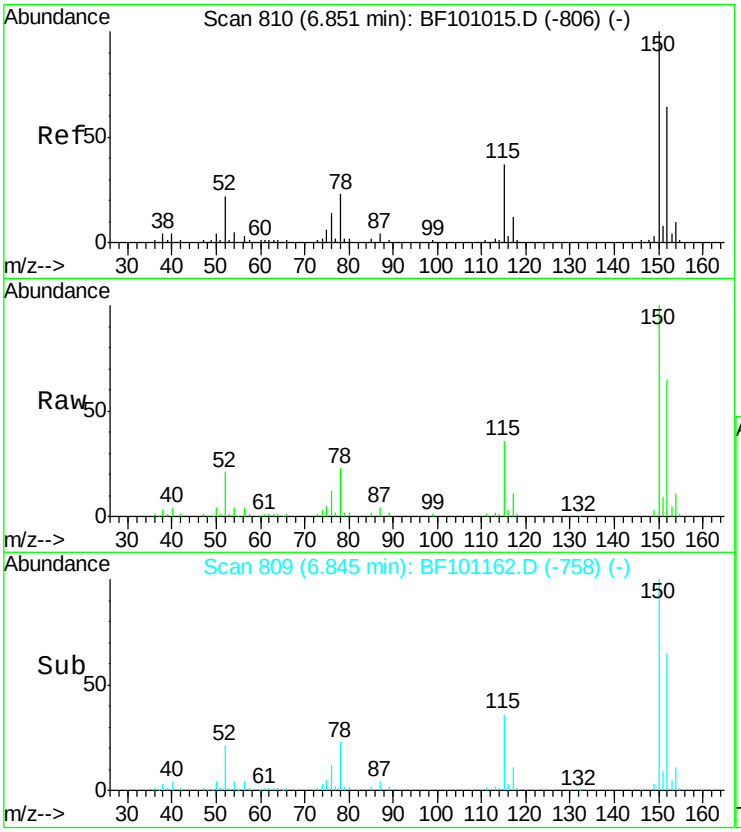
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101162.D
Acq On : 6 Dec 2017 12:49
Operator : SJ/JU
Sample : I6709-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-109-6(10-15)

Quant Time: Dec 06 14:39:02 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



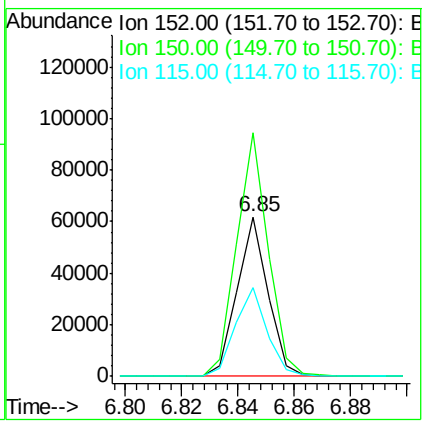


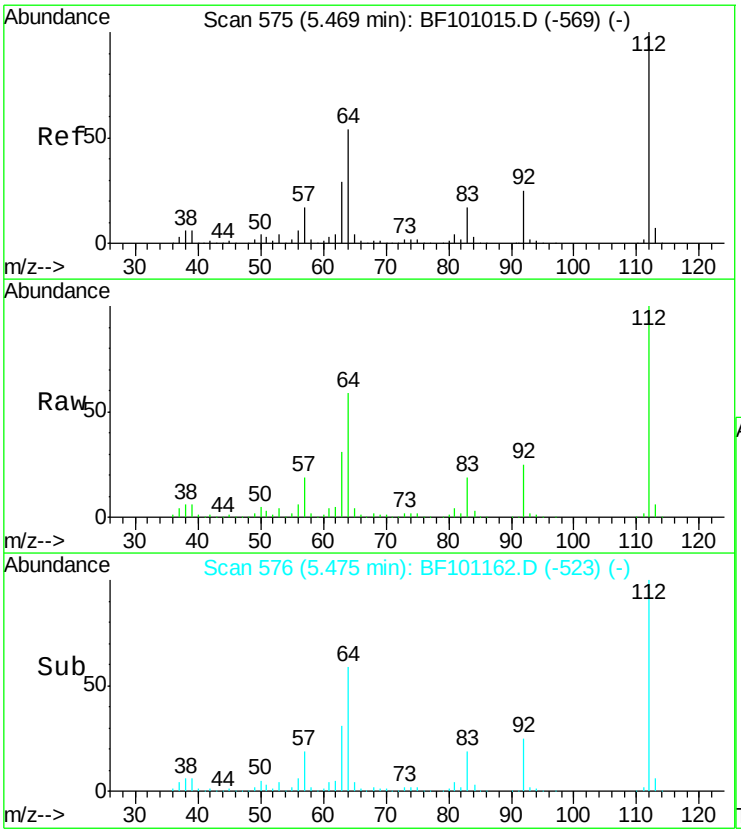
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Instrument :
BNA_F
ClientSampleId :
ENV-109-6(10-15)

Tgt Ion:152 Resp: 46840

Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	55.4	50.1	75.1

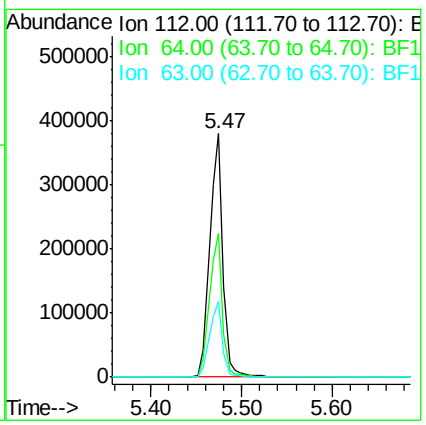


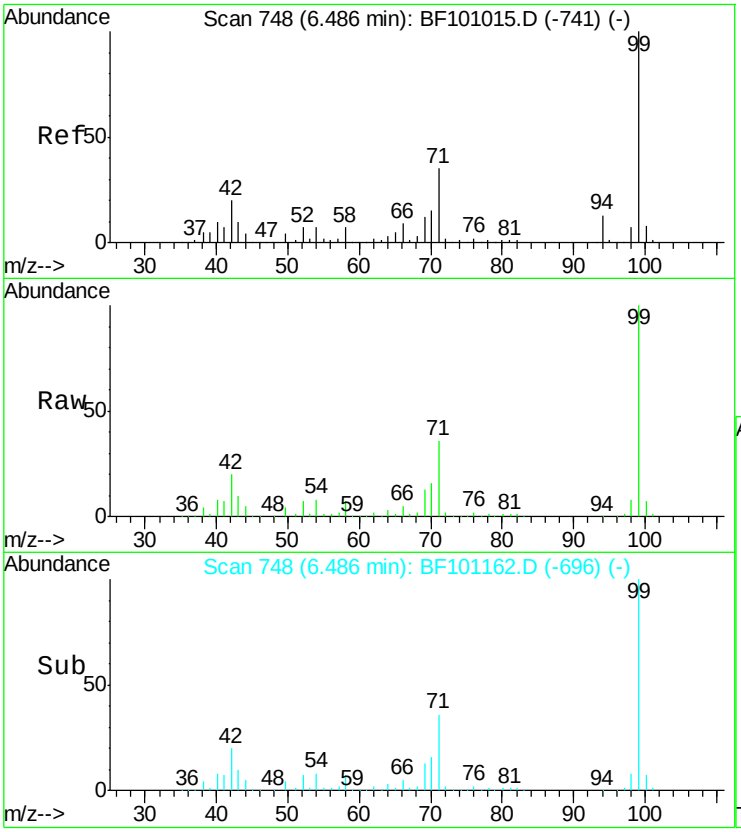


#5
2-Fluorophenol
Concen: 136.133 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Tgt Ion:112 Resp: 385881

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	31.0	23.7	35.5



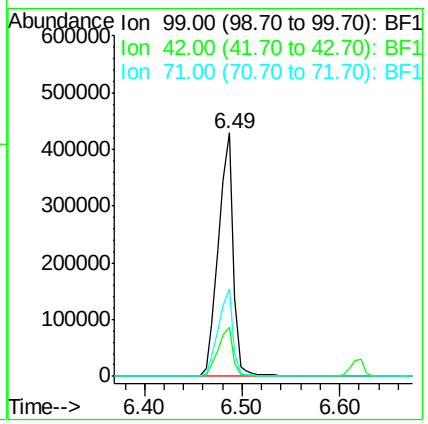


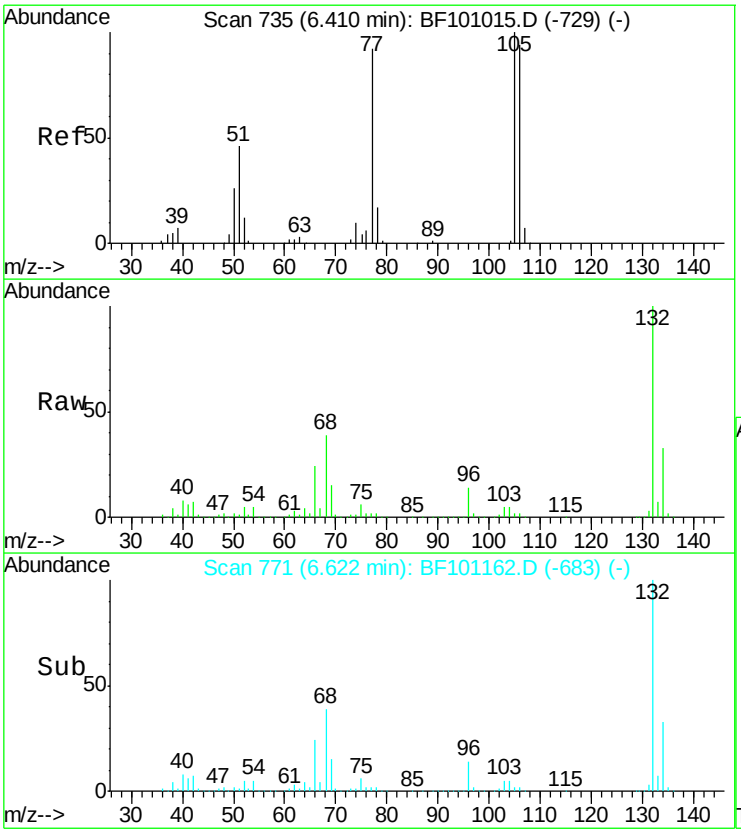
#7
Phenol-d6
Concen: 133.169 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Instrument :
BNA_F
ClientSampleId :
ENV-109-6(10-15)

Tgt Ion: 99 Resp: 458296

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	35.9	25.4	38.0

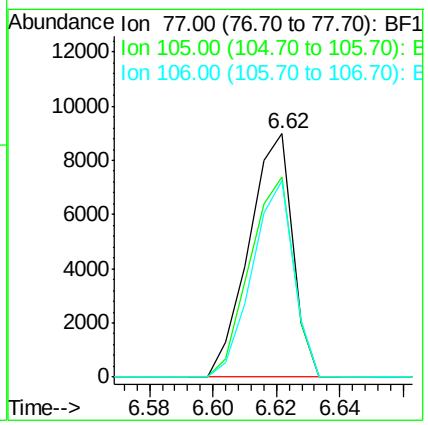


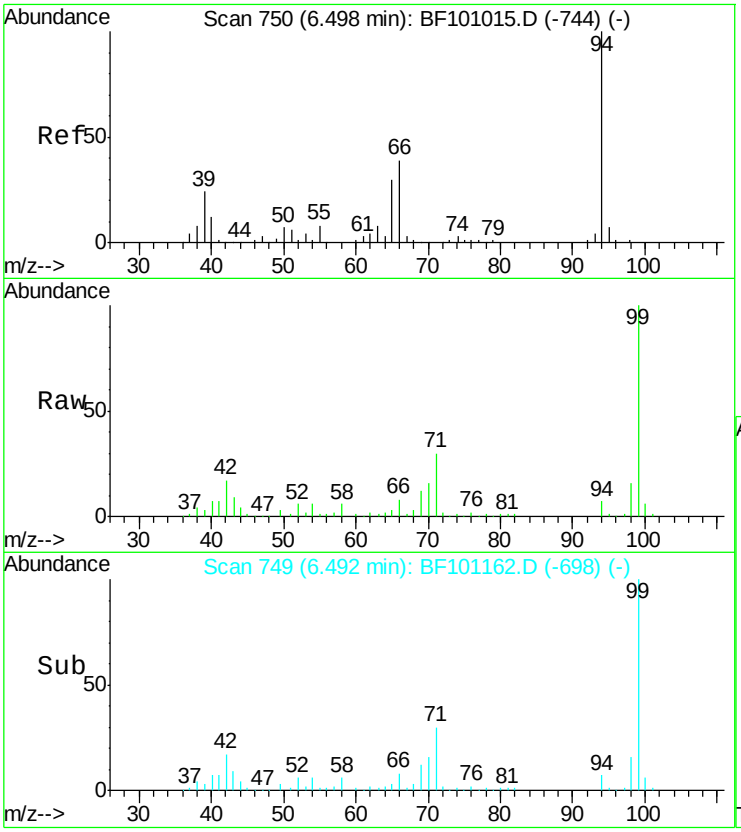


#9
Benzaldehyde
Concen: 4.077 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.22 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Tgt Ion: 77 Resp: 8587

Ion	Ratio	Lower	Upper
77	100		
105	82.1	81.1	121.1
106	80.5	74.5	114.5



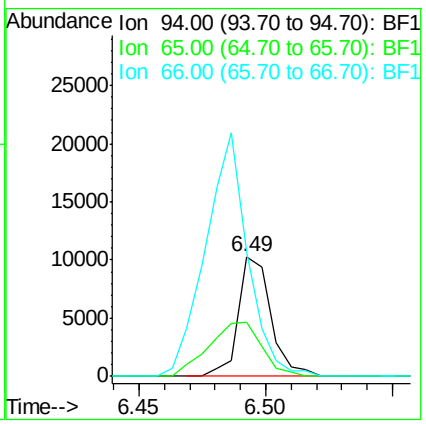


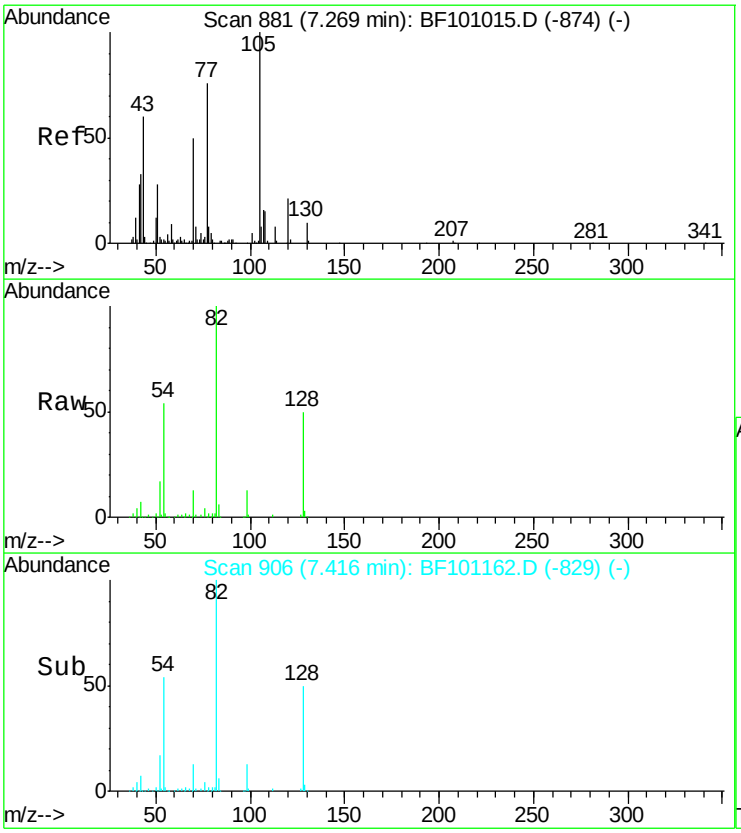
#10
Phenol
Concen: 2.400 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Instrument :
BNA_F
ClientSampleId :
ENV-109-6(10-15)

Tgt Ion: 94 Resp: 9185

Ion	Ratio	Lower	Upper
94	100		
65	45.7	7.9	47.9
66	103.9	16.2	56.2#

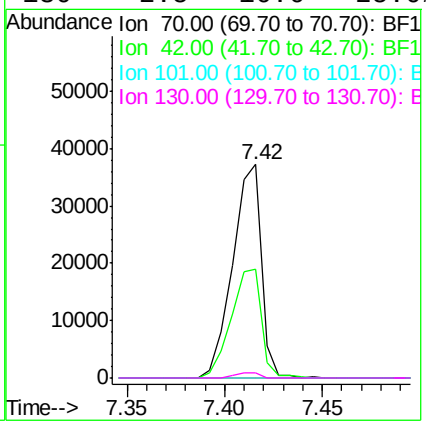


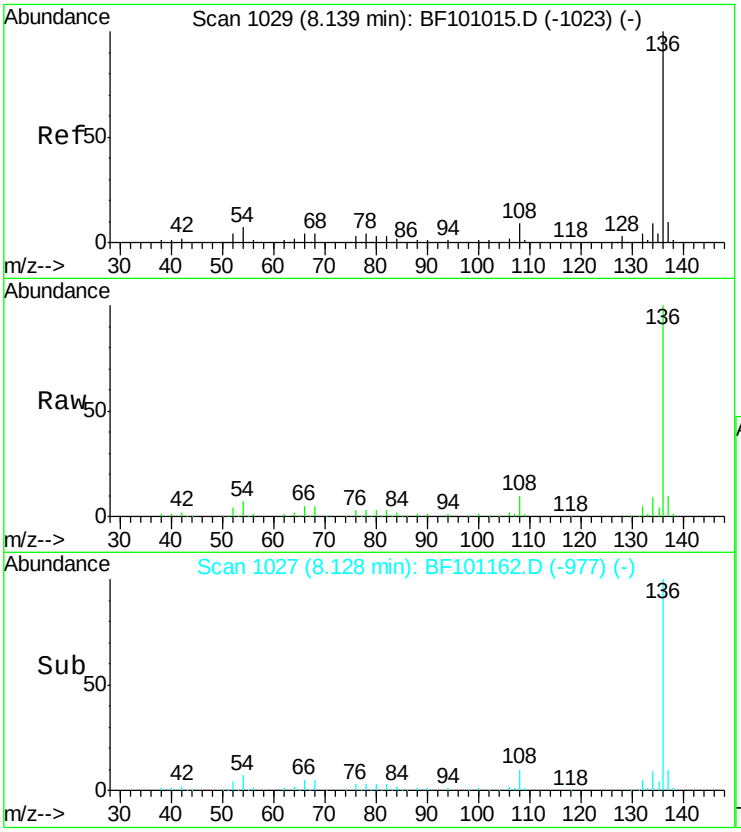


#19
n-Nitroso-di-n-propylamine
Concen: 16.420 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Tgt Ion: 70 Resp: 38057

Ion	Ratio	Lower	Upper
70	100		
42	50.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



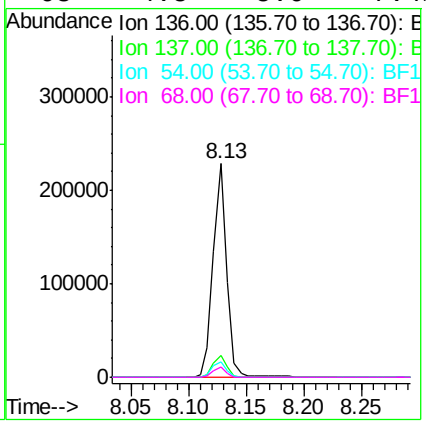


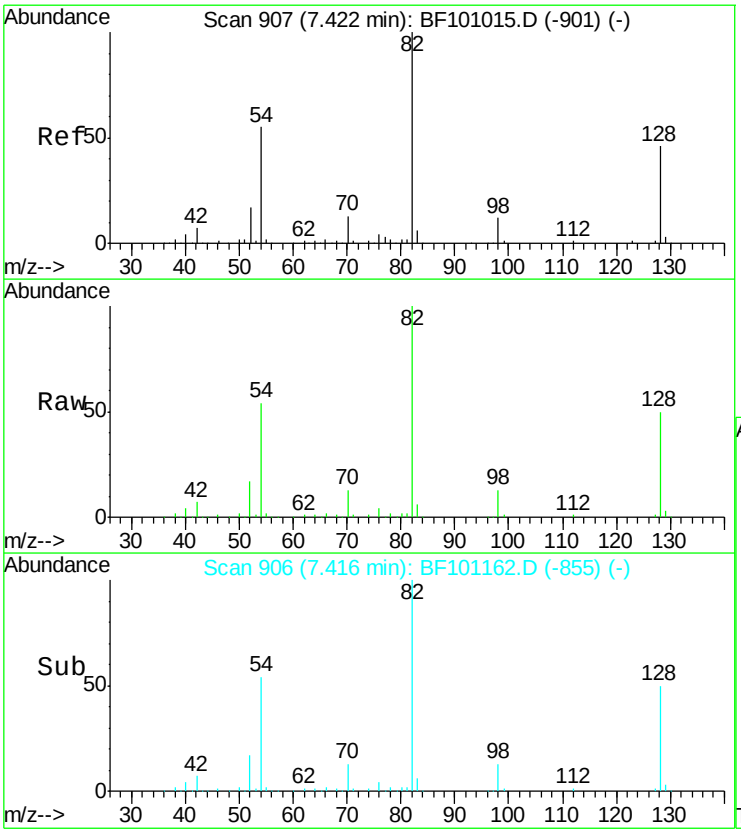
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Instrument :
BNA_F
ClientSampleId :
ENV-109-6(10-15)

Tgt Ion:136 Resp: 186547

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	7.3	6.6	9.8
68	4.5	5.0	7.4#

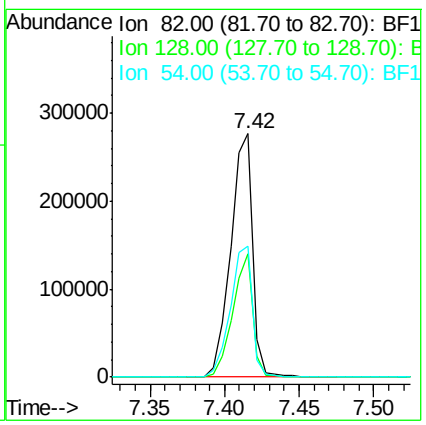


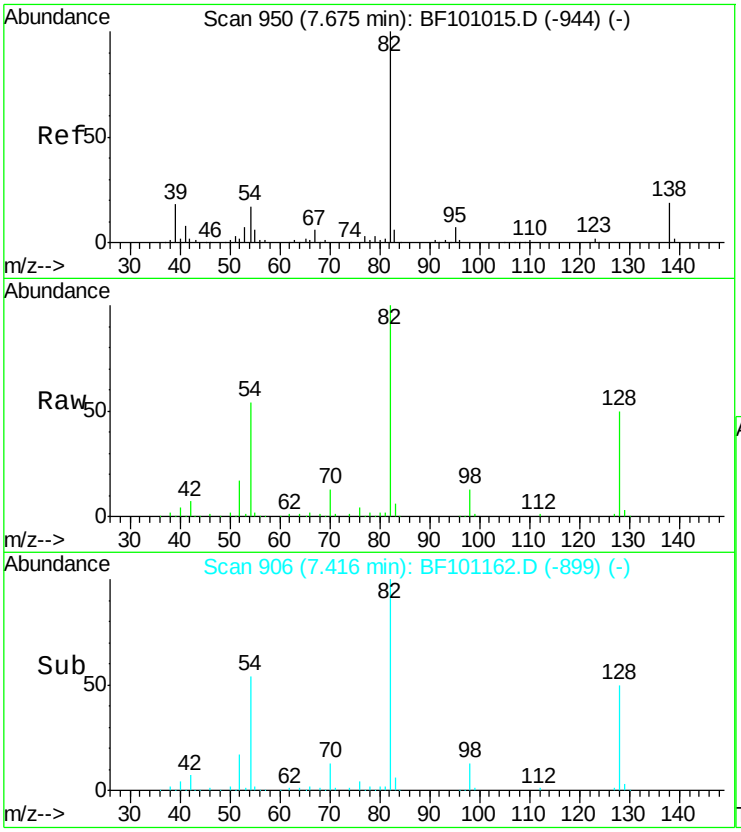


#23
Nitrobenzene-d5
Concen: 91.474 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Tgt Ion: 82 Resp: 286056

Ion	Ratio	Lower	Upper
82	100		
128	50.4	36.1	54.1
54	53.6	41.4	62.2



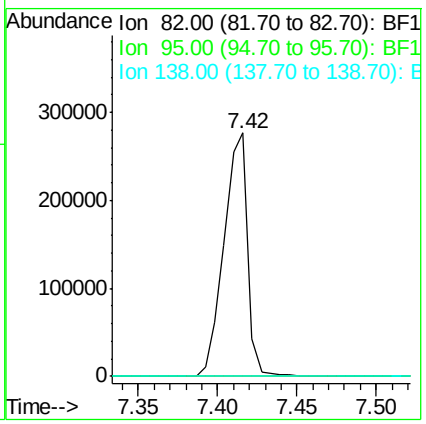


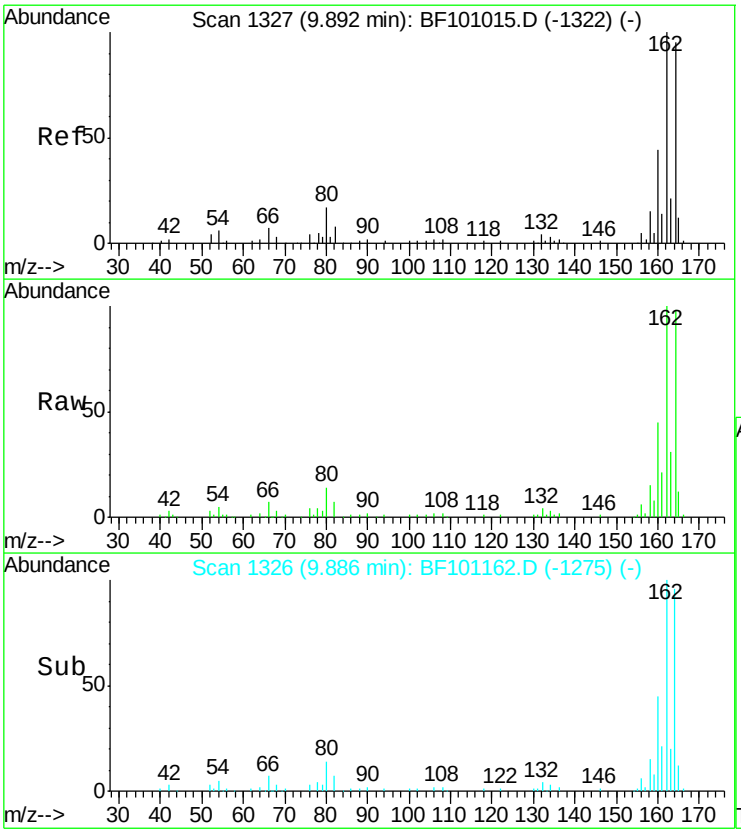
#25
Isophorone
Concen: 53.552 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Instrument :
BNA_F
ClientSampleId :
ENV-109-6(10-15)

Tgt Ion: 82 Resp: 286053

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

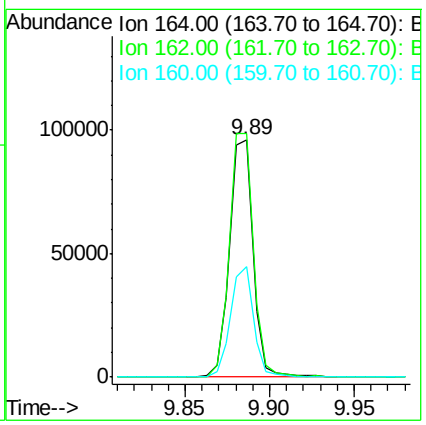


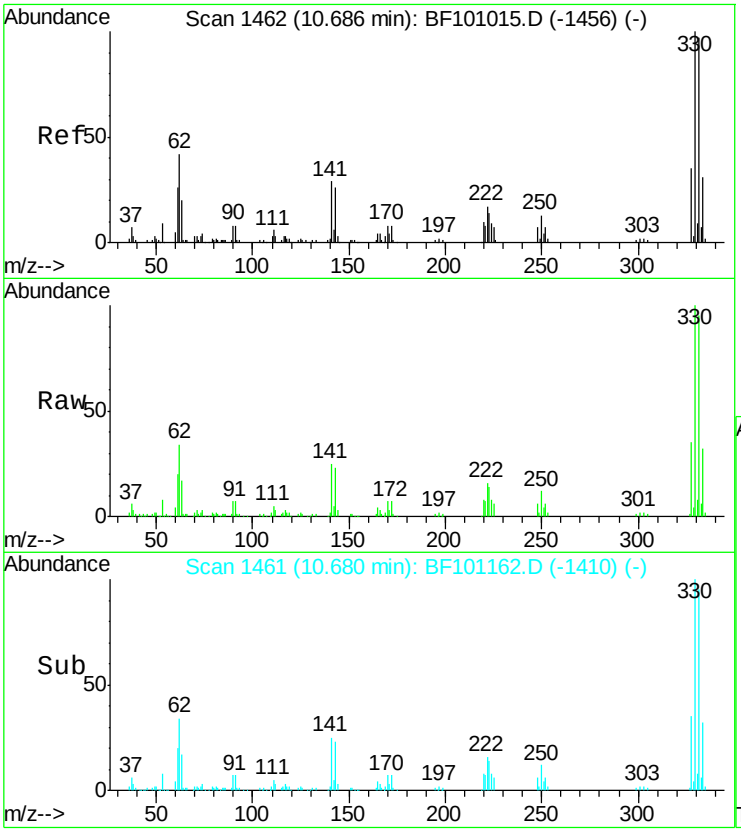


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Tgt Ion:164 Resp: 93013

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	46.3	38.3	57.5



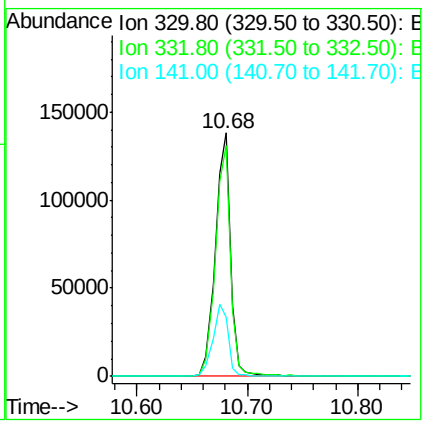


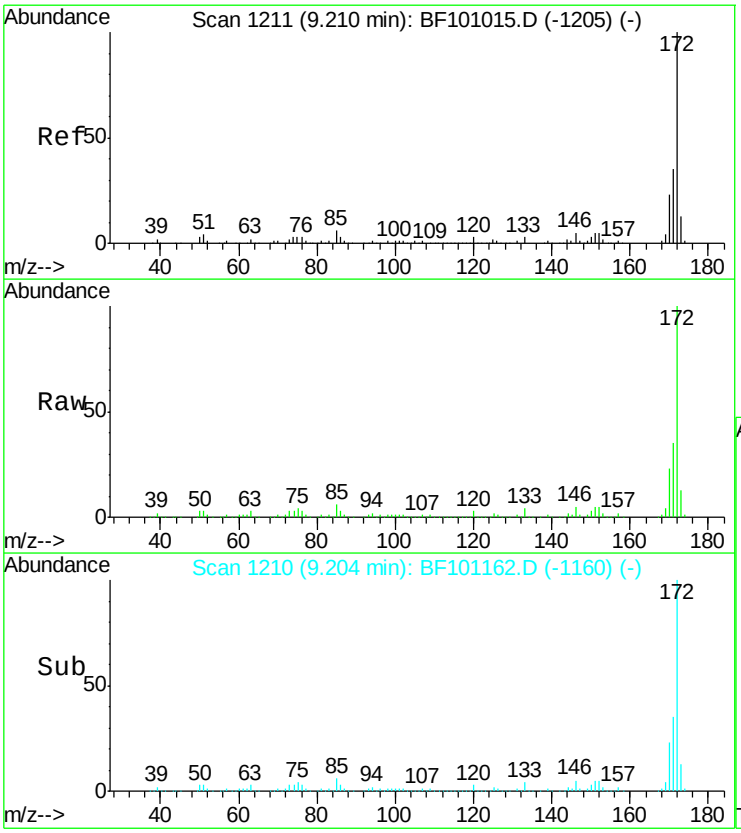
#41
2,4,6-Tribromophenol
Concen: 118.206 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Instrument :
BNA_F
ClientSampleId :
ENV-109-6(10-15)

Tgt Ion:330 Resp: 132077

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	29.5	29.9	44.9#

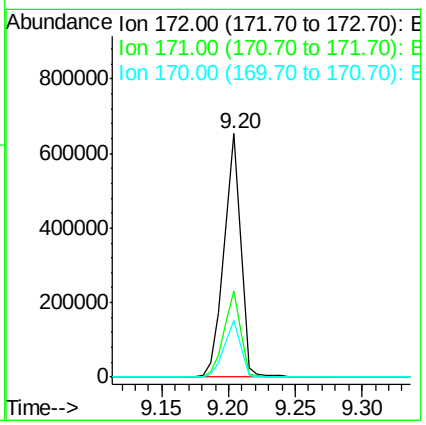


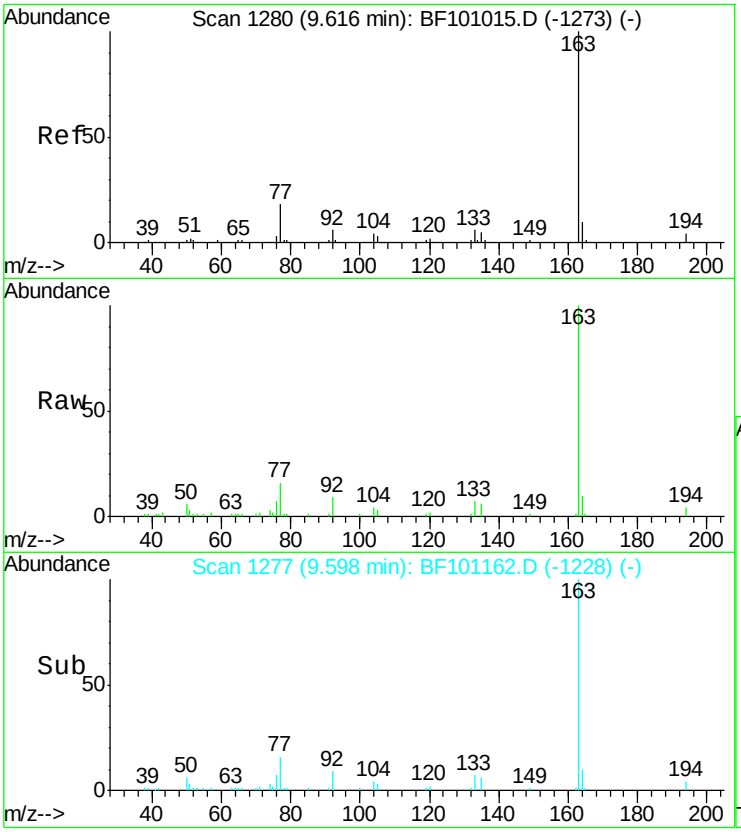


#44
2-Fluorobiphenyl
Concen: 87.385 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Tgt Ion:172 Resp: 594059

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.4	19.6	29.4



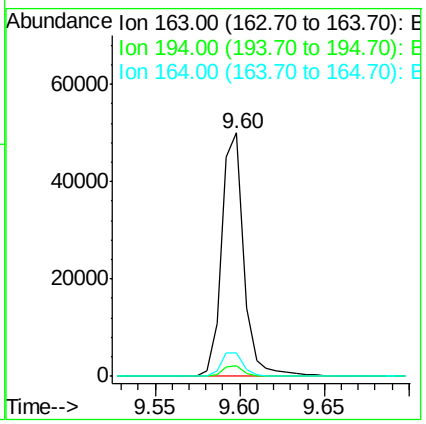


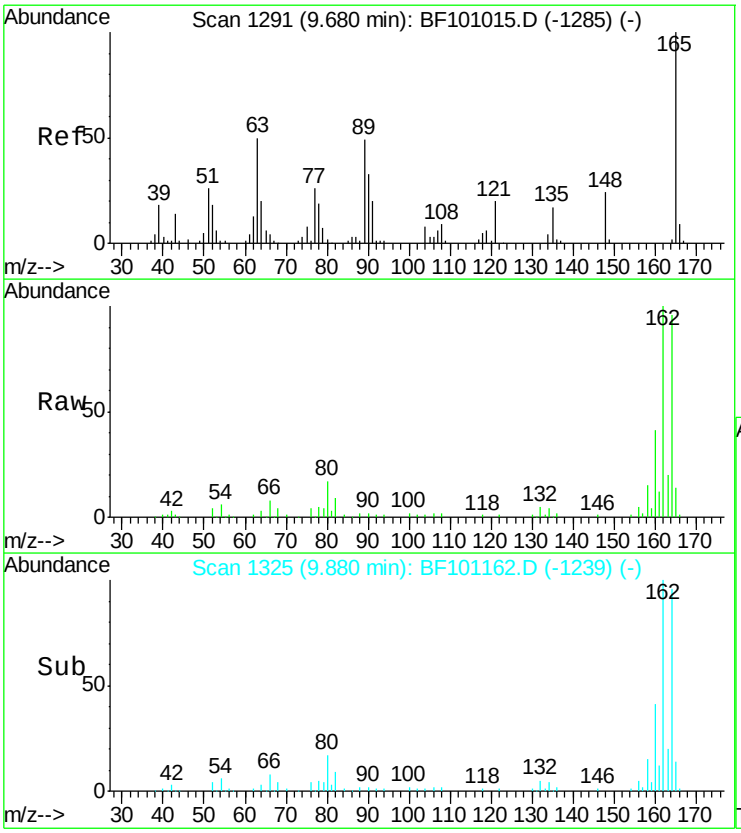
#49
Dimethylphthalate
Concen: 6.094 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Instrument :
BNA_F
ClientSampleId :
ENV-109-6(10-15)

Tgt Ion:163 Resp: 45715

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	9.7	8.2	12.2

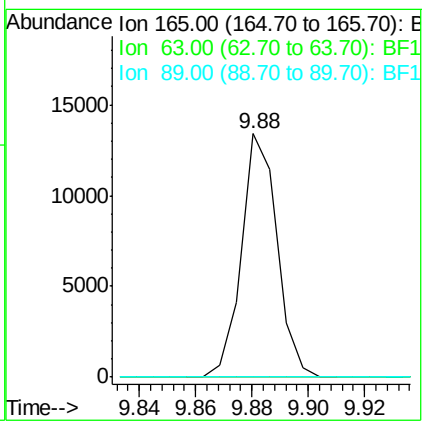


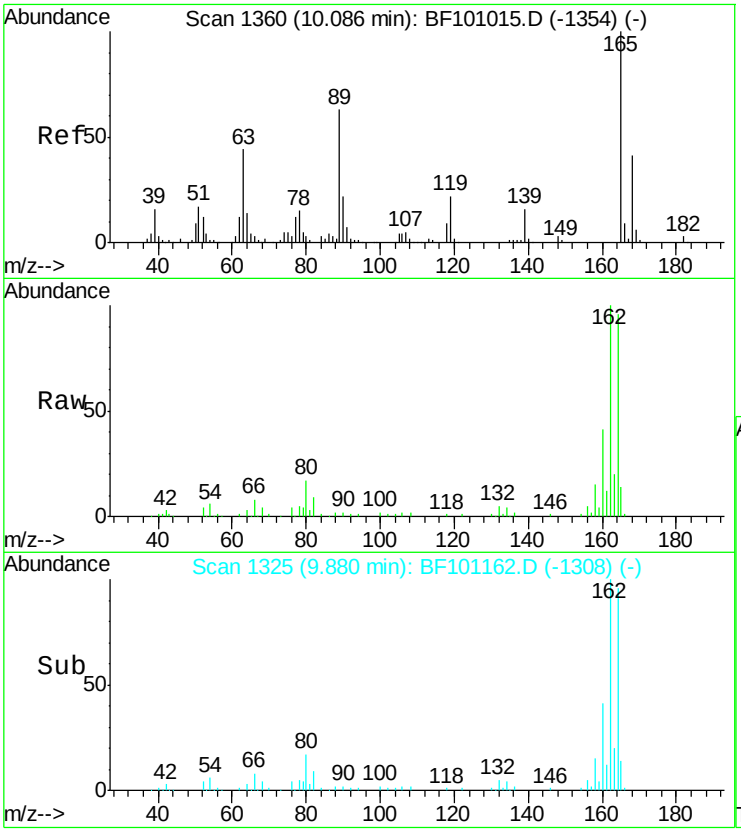


#50
2,6-Dinitrotoluene
Concen: 7.410 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Tgt Ion:165 Resp: 11708

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



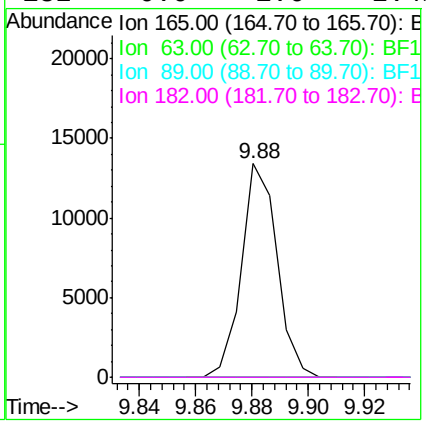


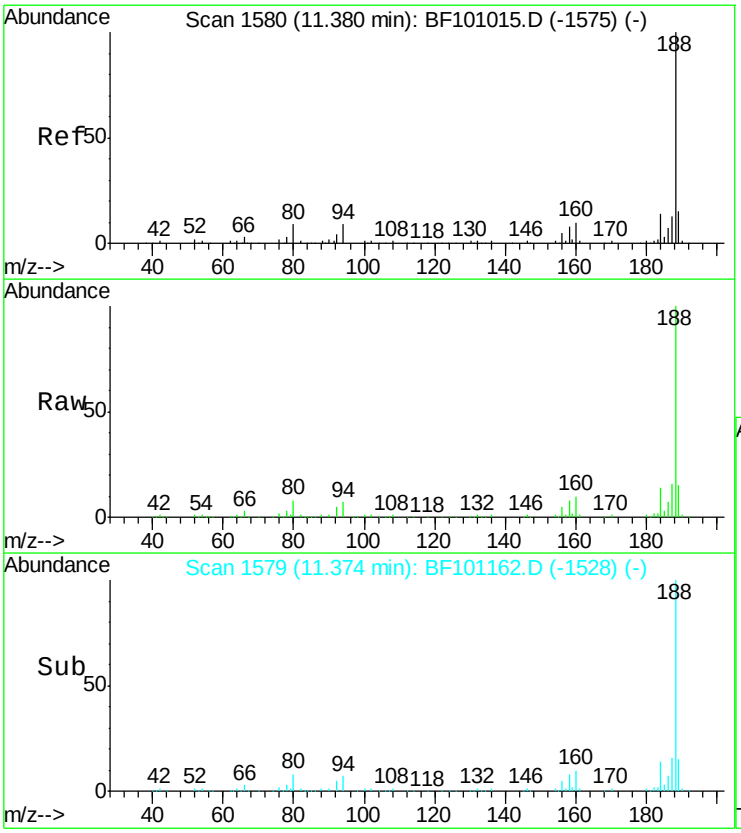
#56
2,4-Dinitrotoluene
Concen: 5.529 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.20 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Instrument :
BNA_F
ClientSampleId :
ENV-109-6(10-15)

Tgt Ion:165 Resp: 11708

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#

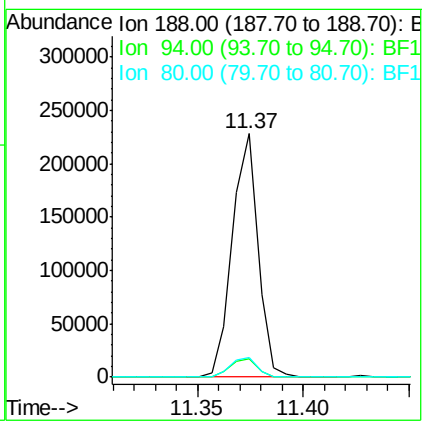


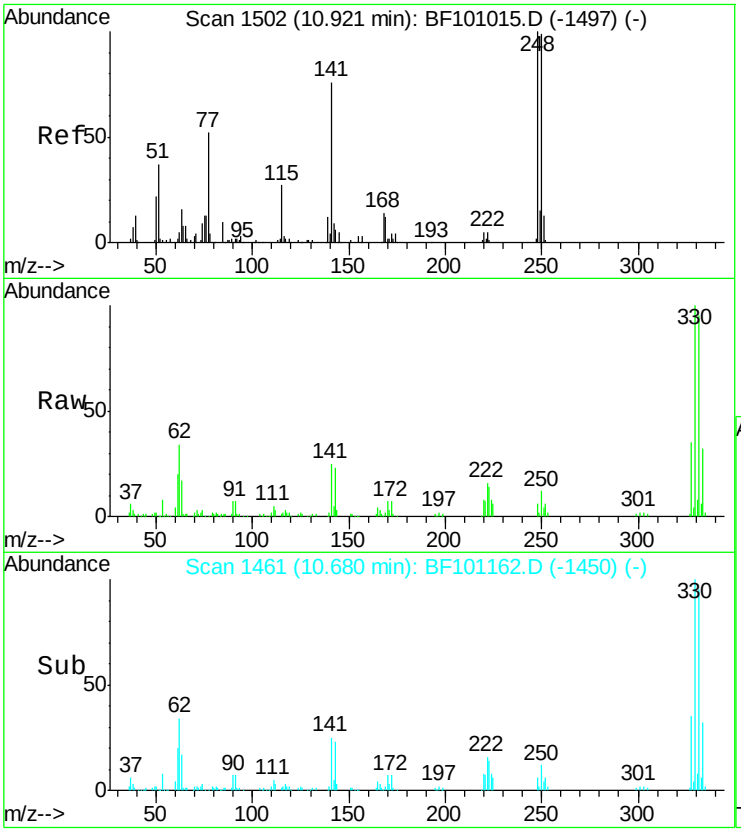


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Tgt Ion:188 Resp: 191519

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	7.8	9.2	13.8#



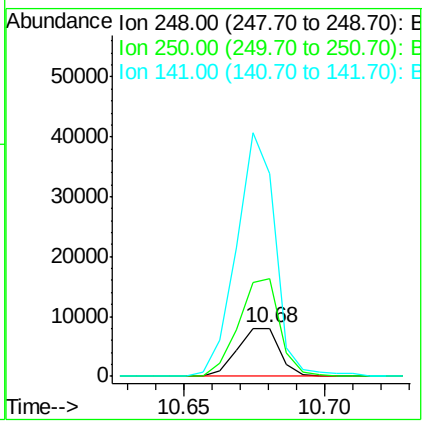


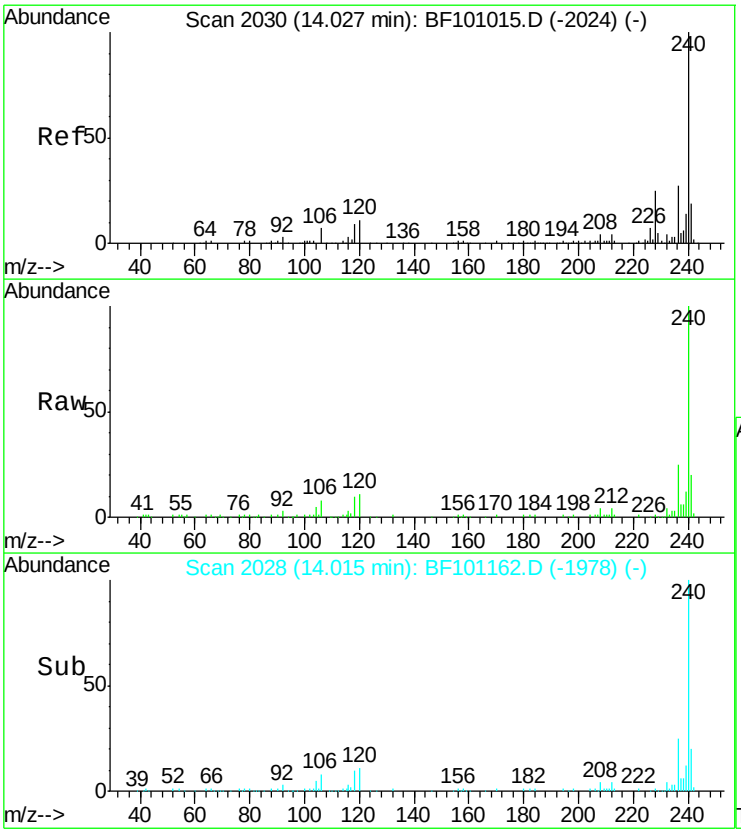
#66
4-Bromophenyl-phenylether
Concen: 3.853 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Instrument :
BNA_F
ClientSampleId :
ENV-109-6(10-15)

Tgt Ion:248 Resp: 8259

Ion	Ratio	Lower	Upper
248	100		
250	203.8	76.9	115.3#
141	422.4	74.4	111.6#

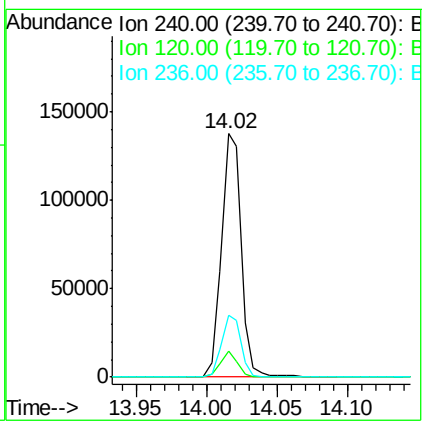


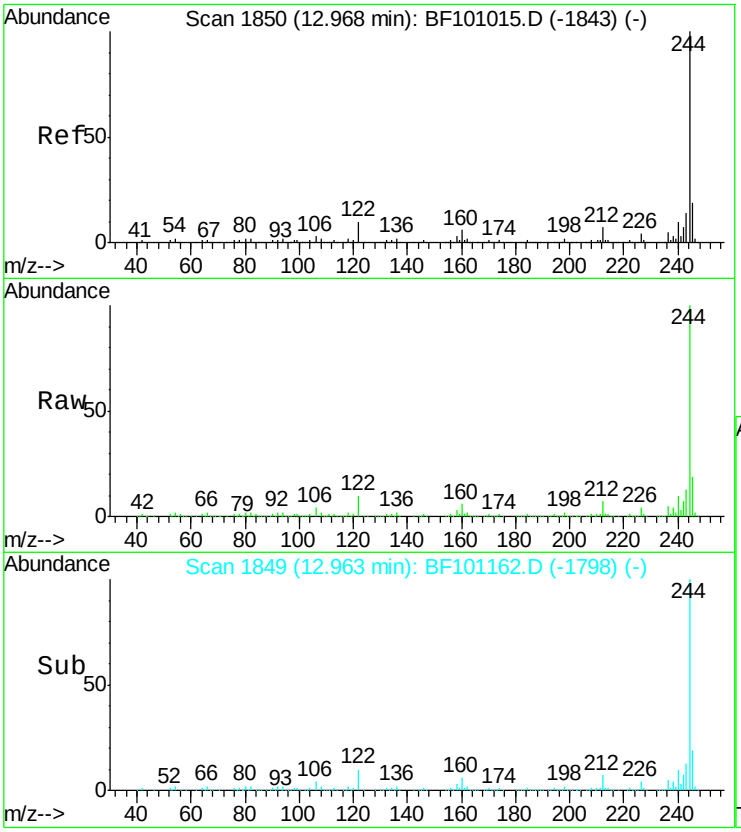


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Tgt Ion:240 Resp: 133719

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.2	20.7	31.1



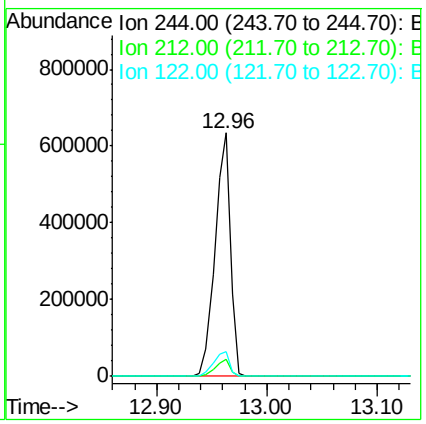


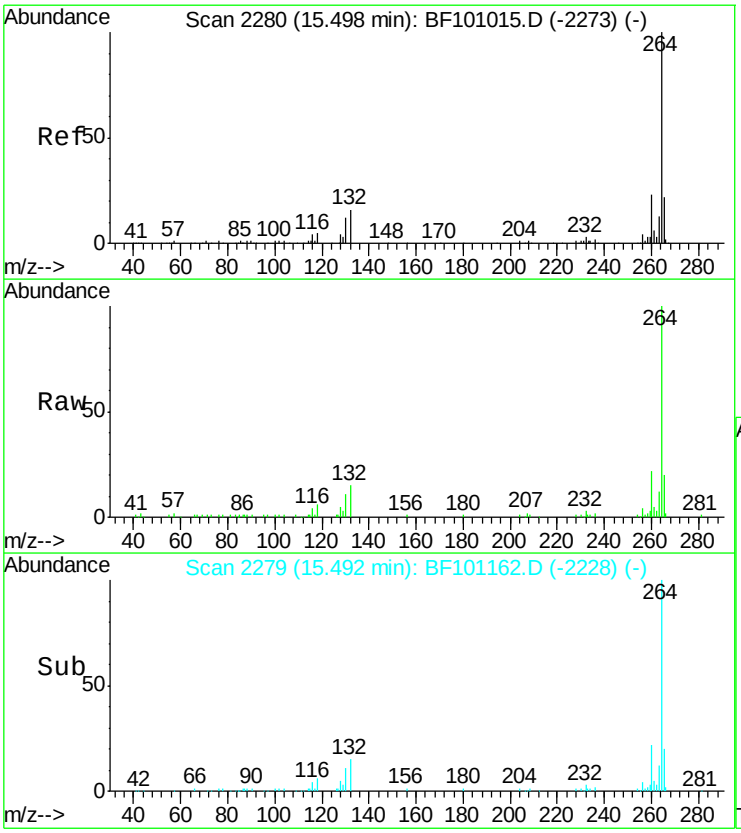
#78
Terphenyl-d14
Concen: 99.764 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Instrument :
BNA_F
ClientSampleId :
ENV-109-6(10-15)

Tgt Ion:244 Resp: 609910

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.3	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: BF101162.D
Acq: 6 Dec 2017 12:49

Tgt Ion:264 Resp: 101478

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.2	28.8
265	20.0	17.5	26.3