Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098659.D
Acq On : 20 Sep 2017 14:49
Operator : SJ/JU
Sample : I5276-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 21 05:18:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	84172	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	361951	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	165709	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	280224	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	184458	20.00	ng	-0.01
86) Perylene-d12	15.17	264	187575	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	637630	112.00	ng	-0.01
7) Phenol-d6	6.27	99	815239	112.79	ng	-0.02
23) Nitrobenzene-d5	7.19	82	501402	77.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.45	330	150583	136.15	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	861440	88.11	ng	-0.02
78) Terphenyl-d14	12.72	244	641026	75.01	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.19	70	68599	15.09	ng	# 81
25) Isophorone	7.19	82	501397	38.17	ng	# 67
49) Dimethylphthalate	9.38	163	85051	6.63	ng	97
50) 2,6-Dinitrotoluene	9.65	165	20503	7.78	ng	# 35
56) 2,4-Dinitrotoluene	9.65	165	20503	6.40	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.45	198	332	5.14	ng	# 1
66) 4-Bromophenyl-phenylether	10.45	248	11778	4.43	ng	# 1

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

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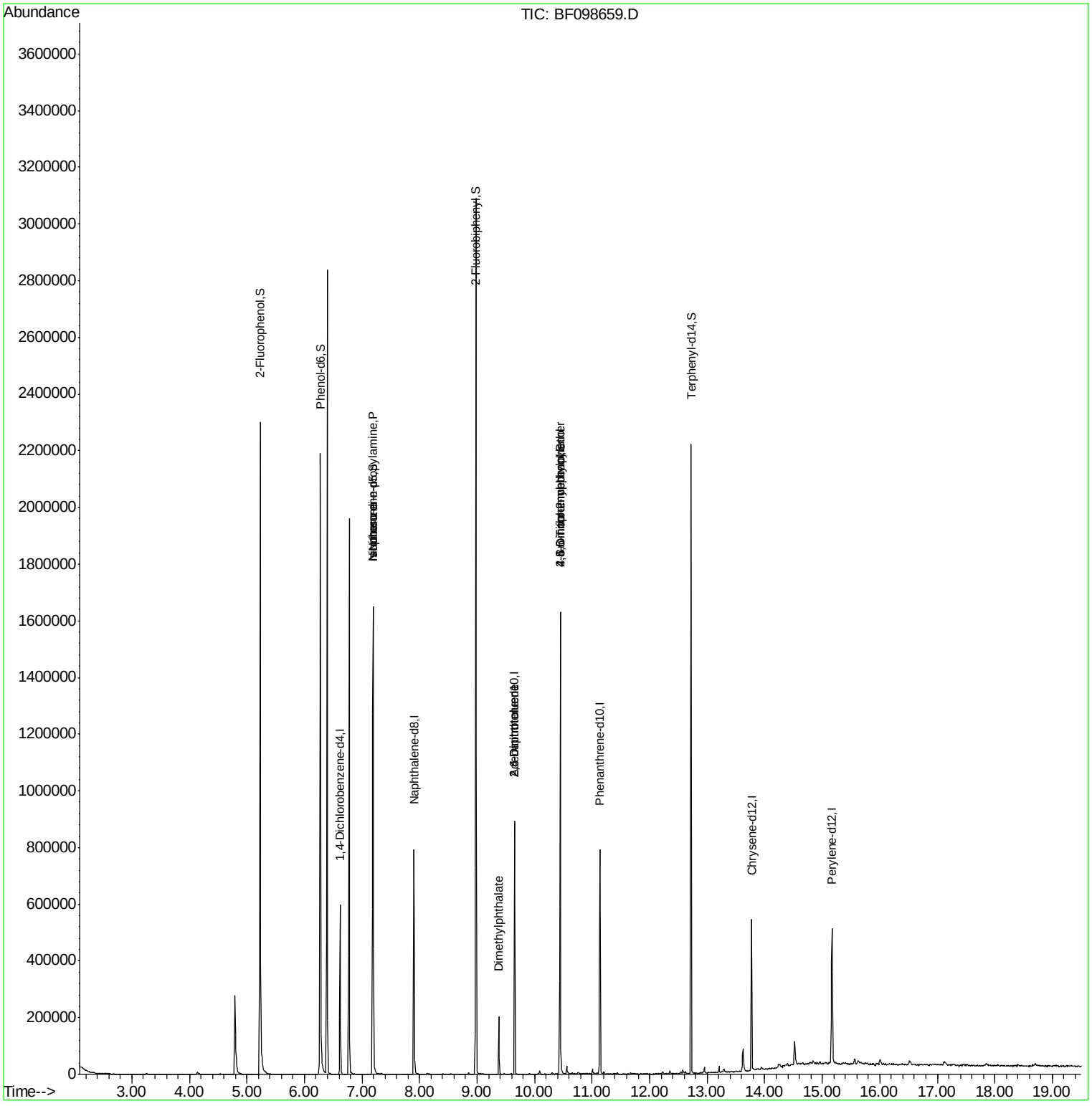
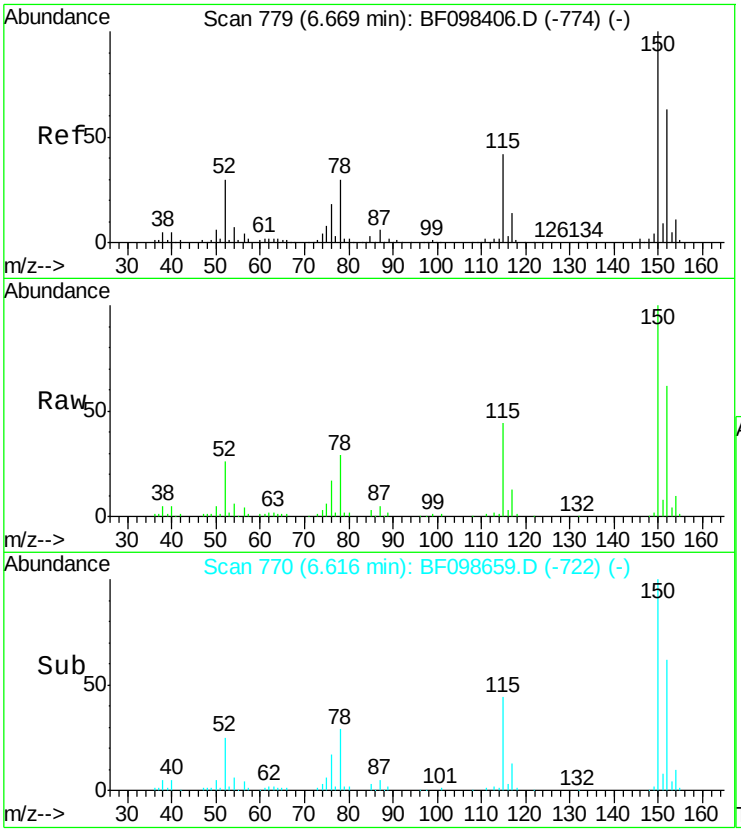


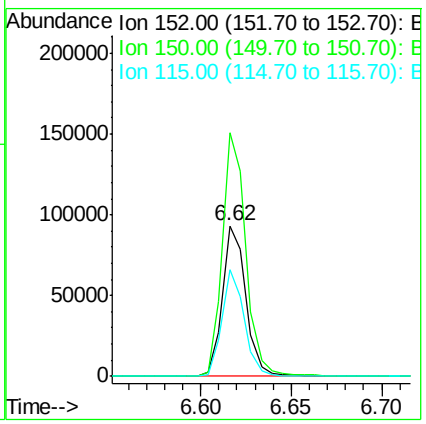


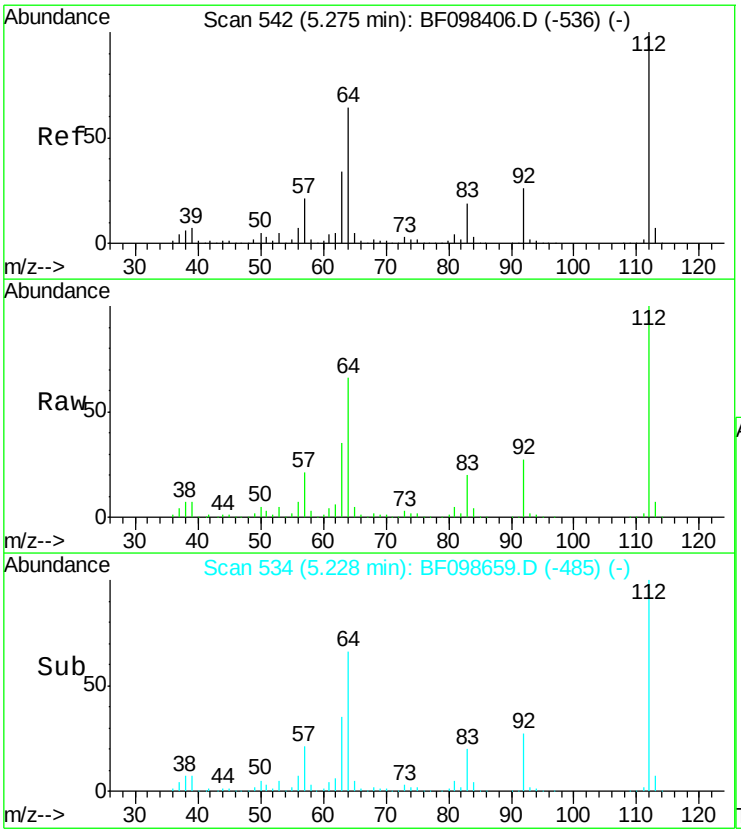
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 84172

Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.2	189.2
115	71.0	52.2	78.2

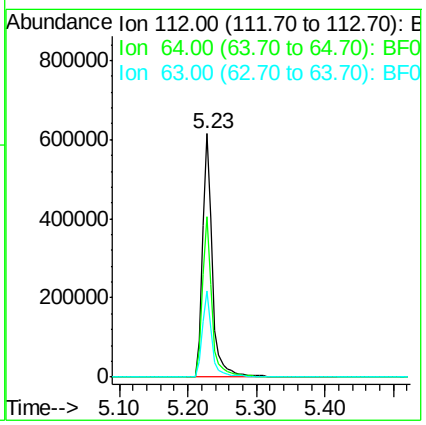


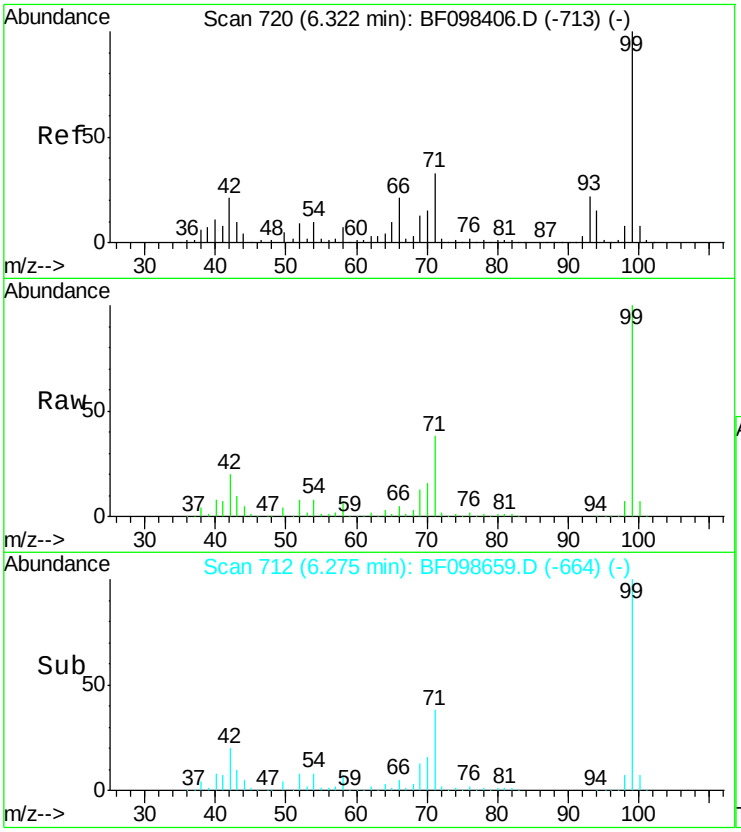


#5
2-Fluorophenol
Concen: 112.00 ng
RT: 5.23 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Tgt Ion:112 Resp: 637630

Ion	Ratio	Lower	Upper
112	100		
64	65.8	46.0	69.0
63	35.5	23.4	35.0#



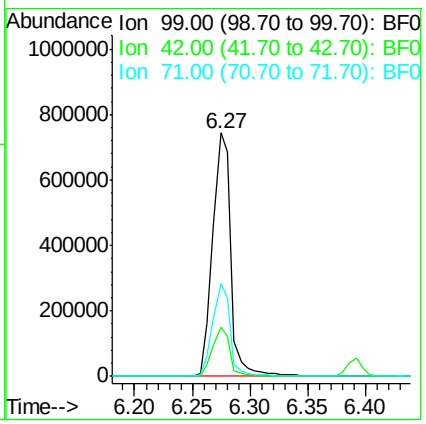


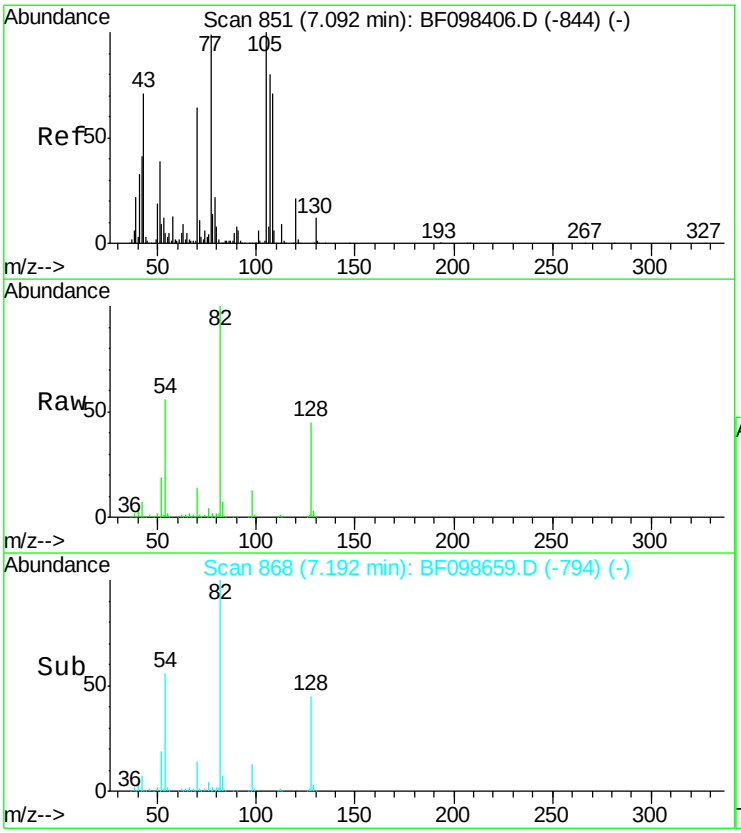
#7
Phenol-d6
Concen: 112.79 ng
RT: 6.27 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 815239

Ion	Ratio	Lower	Upper
99	100		
42	20.3	13.5	20.3#
71	38.3	24.5	36.7#

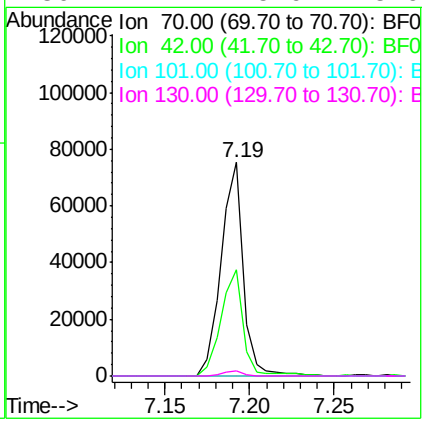


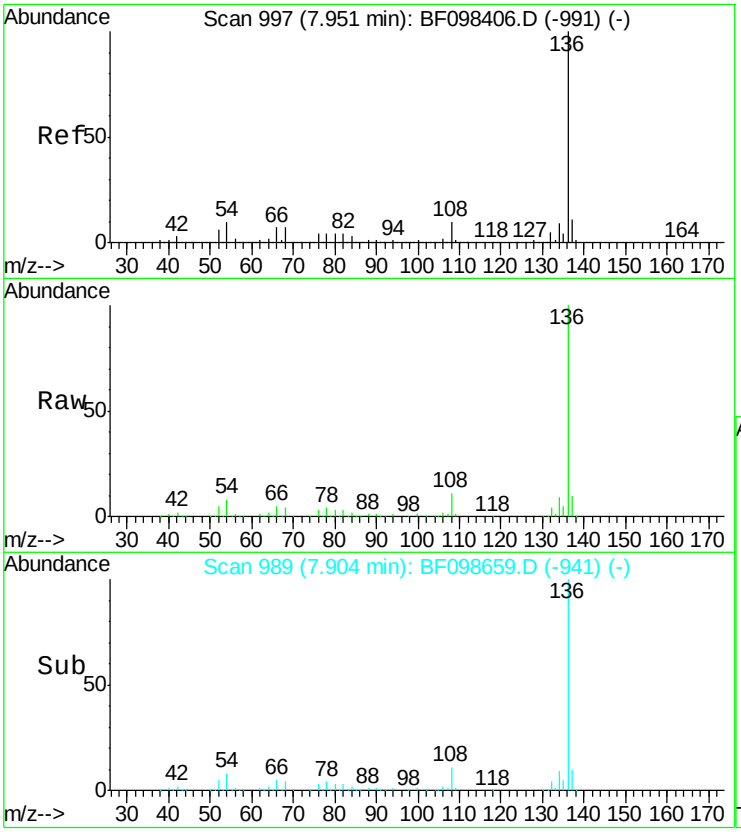


#19
n-Nitroso-di-n-propylamine
Concen: 15.09 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.14 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Tgt Ion: 70 Resp: 68599

Ion	Ratio	Lower	Upper
70	100		
42	50.0	47.2	70.8
101	0.0	7.2	10.8#
130	2.7	15.9	23.9#



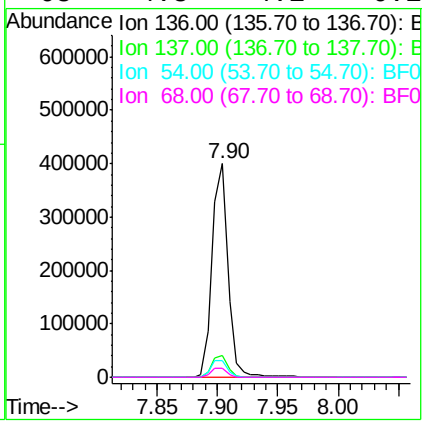


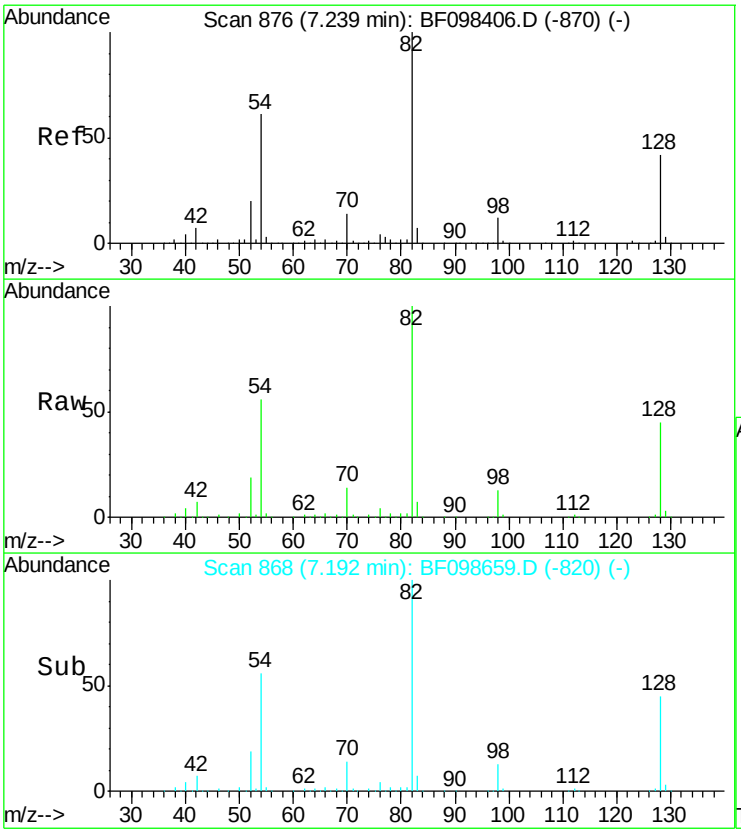
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 361951

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	8.0	4.9	7.3#
68	4.3	4.1	6.1

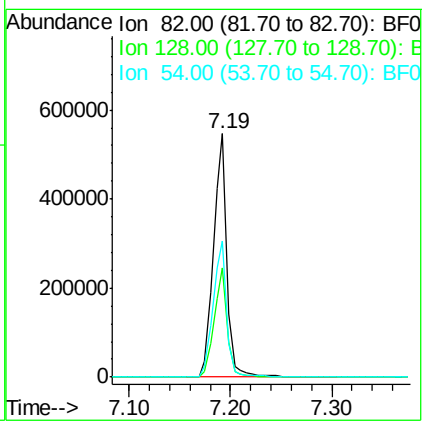


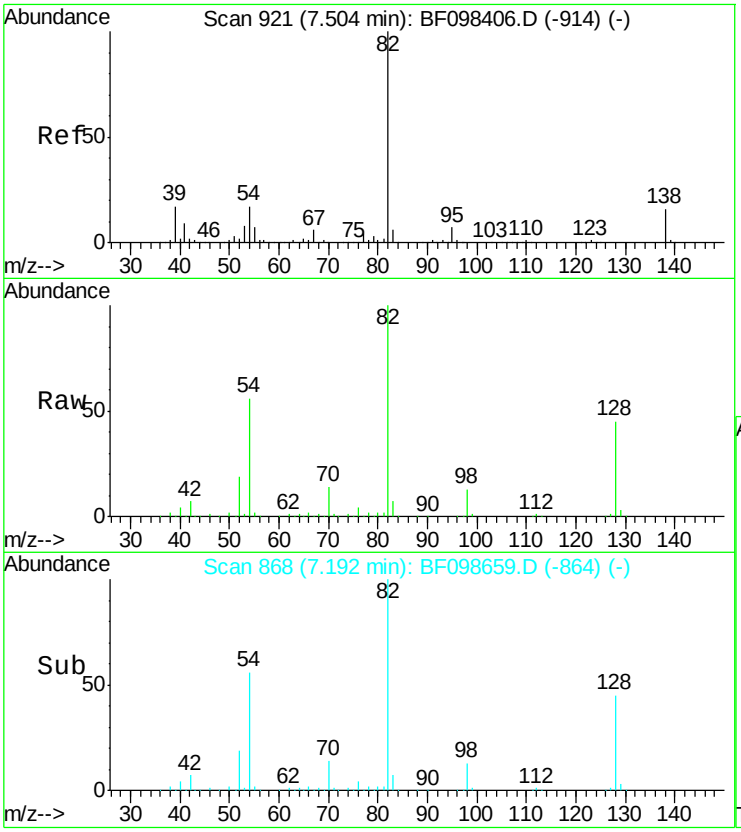


#23
Nitrobenzene-d5
Concen: 77.23 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Tgt Ion: 82 Resp: 501402

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.0	51.0
54	55.8	42.2	63.2



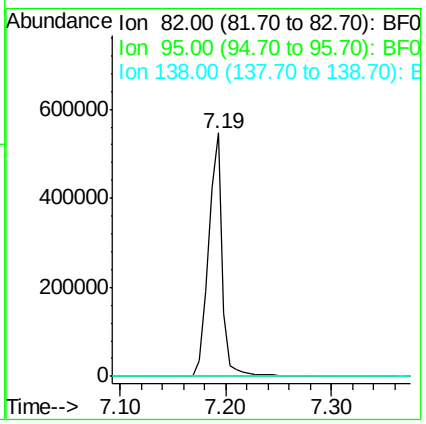


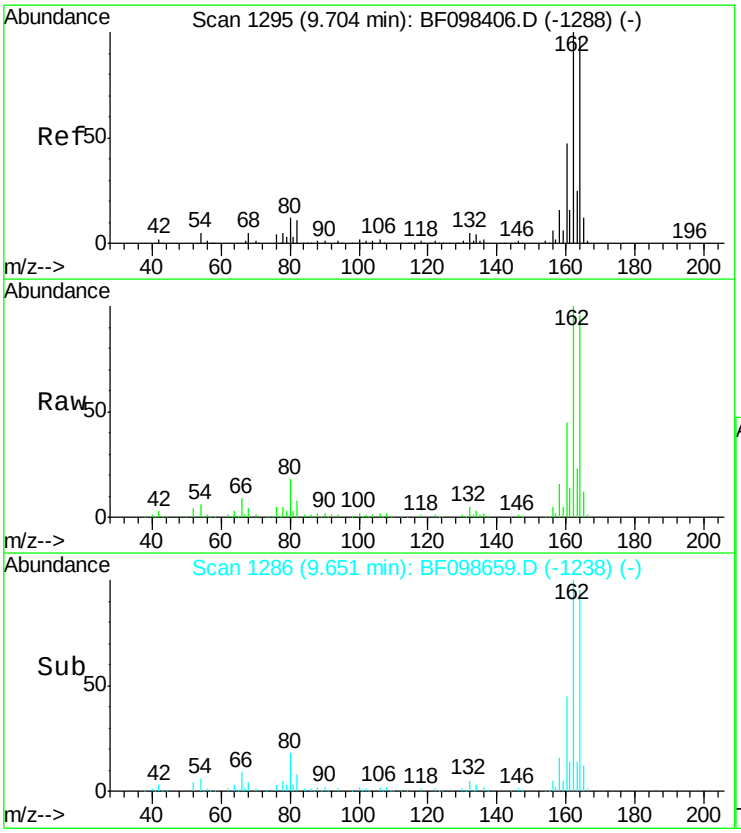
#25
Isophorone
Concen: 38.17 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.28 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 501397

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

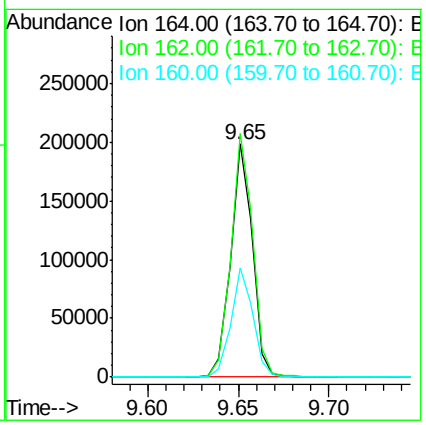


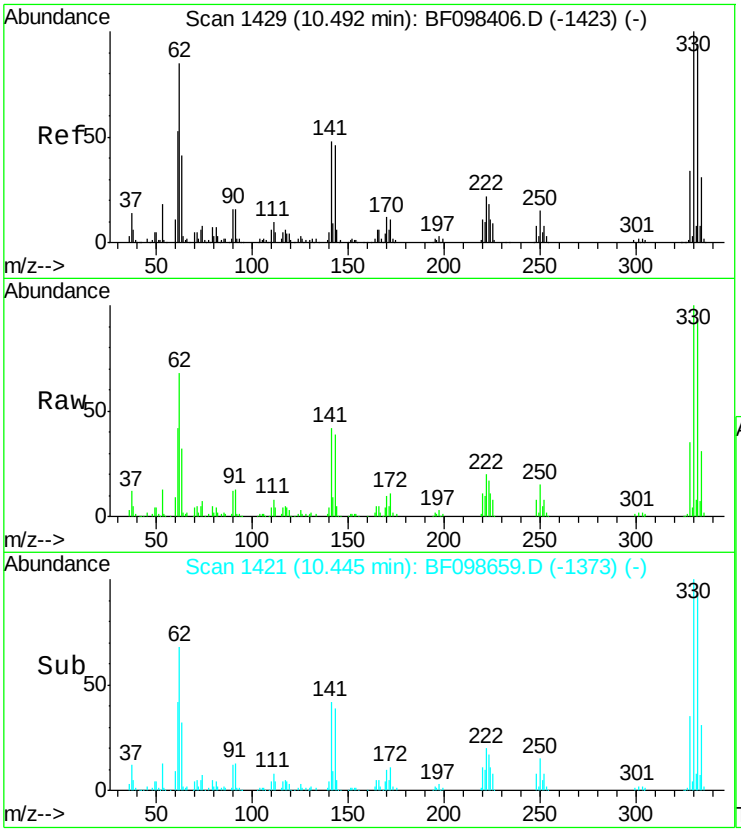


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Tgt Ion:164 Resp: 165709

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	123.8
160	46.8	36.2	54.2



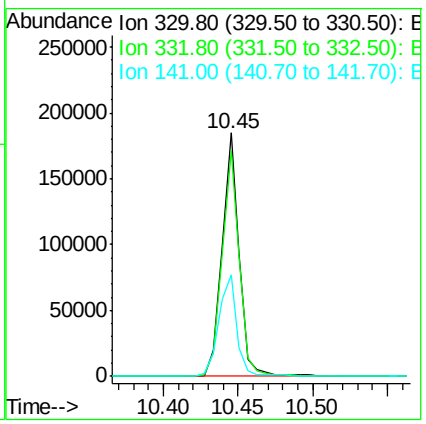


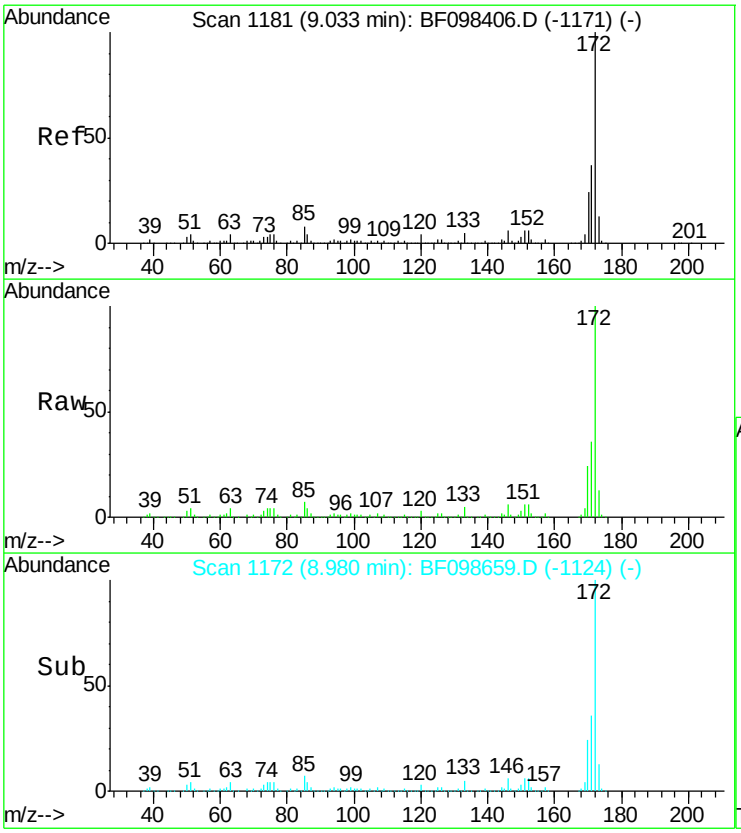
#41
2,4,6-Tribromophenol
Concen: 136.15 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 150583

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	115.0
141	43.9	31.4	47.2

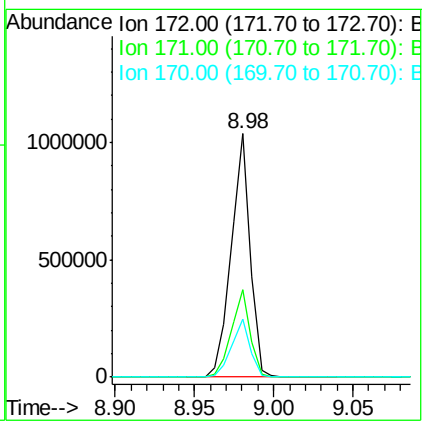


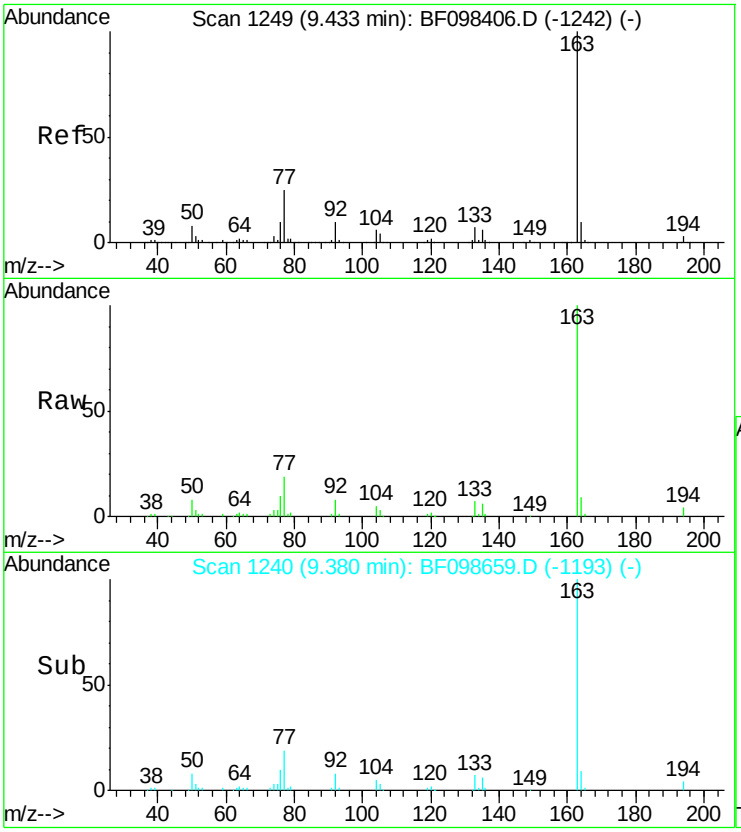


#44
2-Fluorobiphenyl
Concen: 88.11 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Tgt Ion:172 Resp: 861440

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.7	19.8	29.8



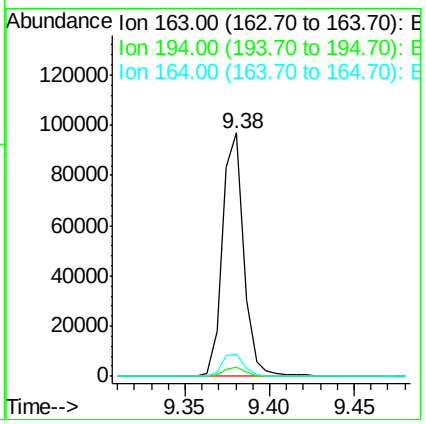


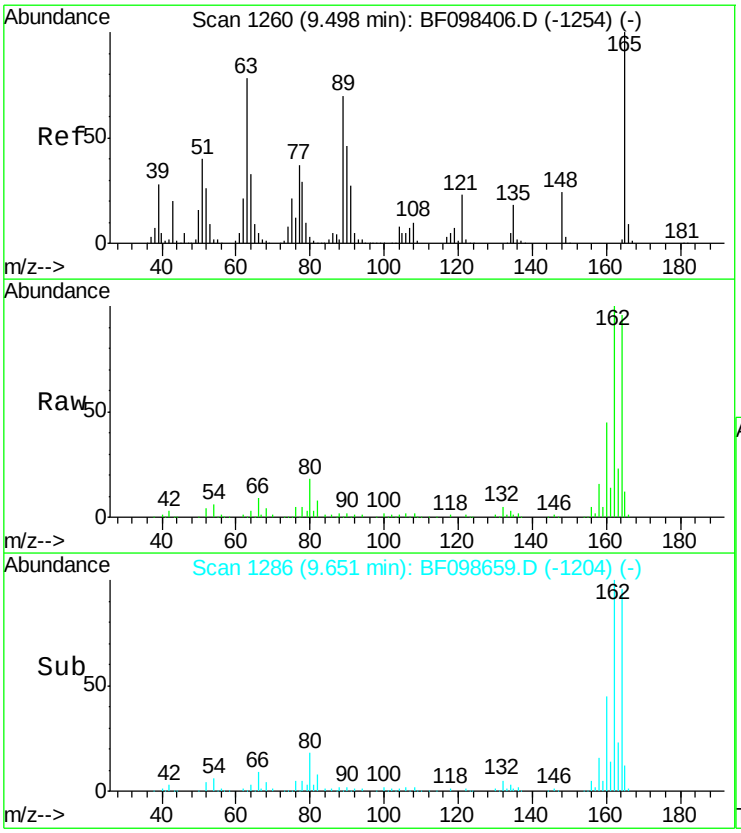
#49
Dimethylphthalate
Concen: 6.63 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 85051

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	8.9	8.4	12.6

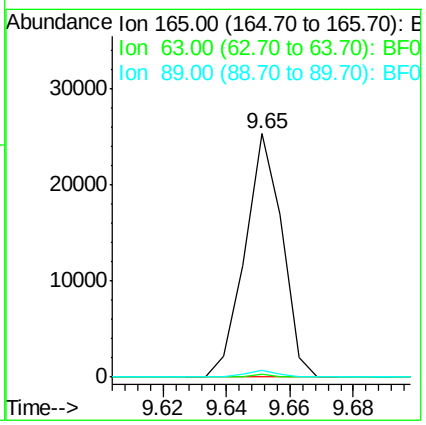


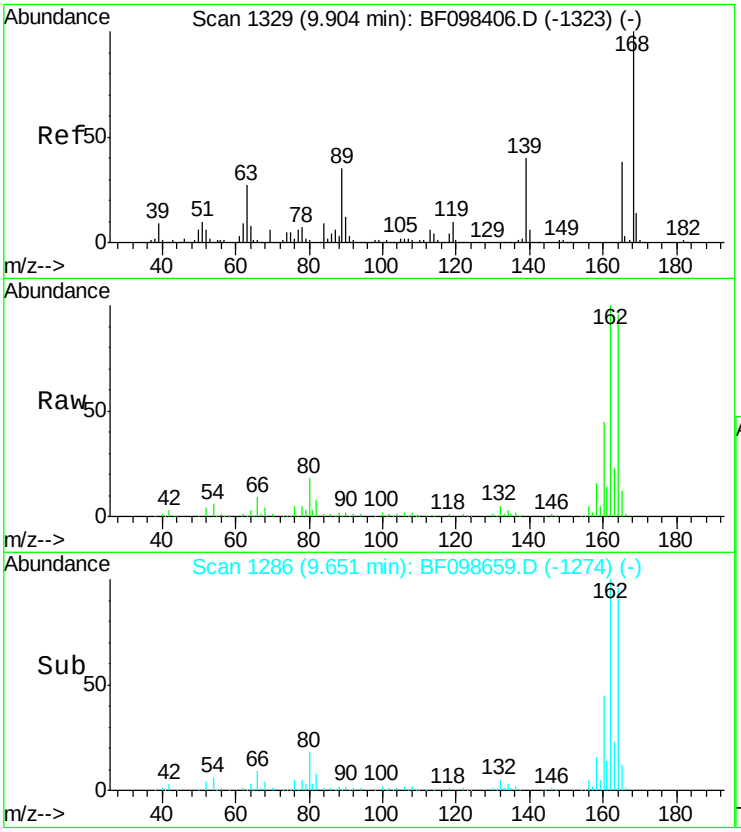


#50
2,6-Dinitrotoluene
Concen: 7.78 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.18 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Tgt Ion:165 Resp: 20503

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	2.7	37.1	55.7#



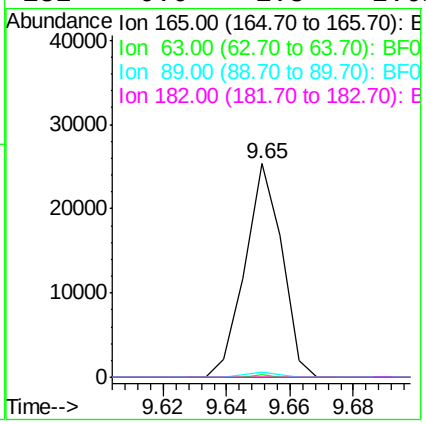


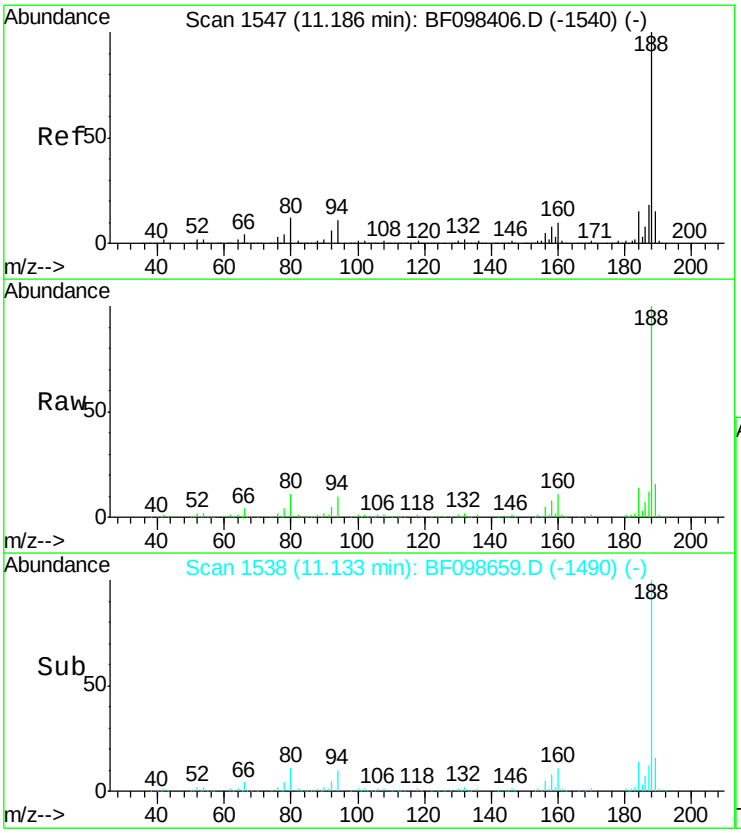
#56
2,4-Dinitrotoluene
Concen: 6.40 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.23 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20503

Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	2.7	46.4	69.6#
182	0.0	1.8	2.6#

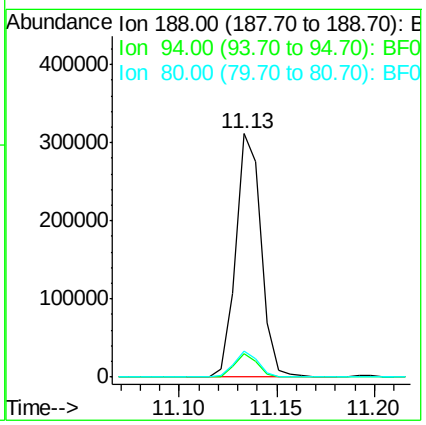


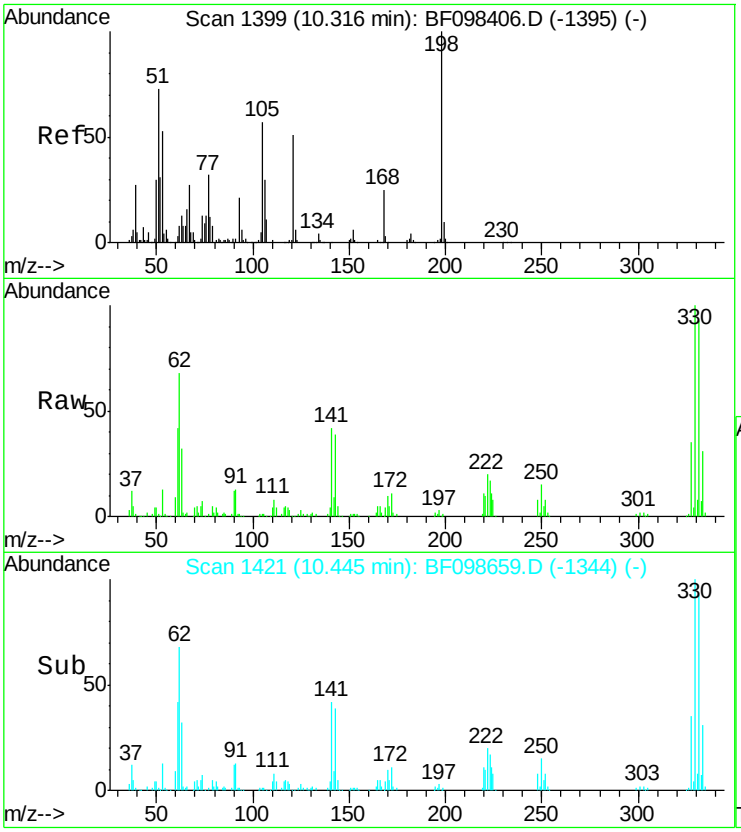


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.02 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Tgt Ion:188 Resp: 280224

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	10.9	10.2	15.2



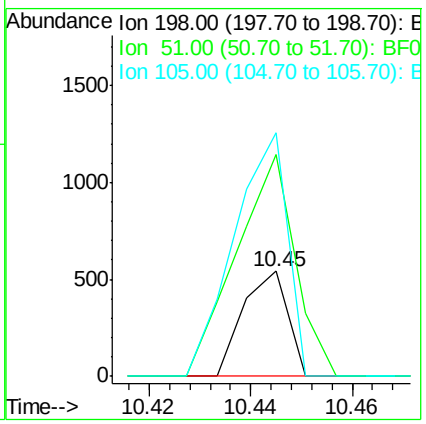


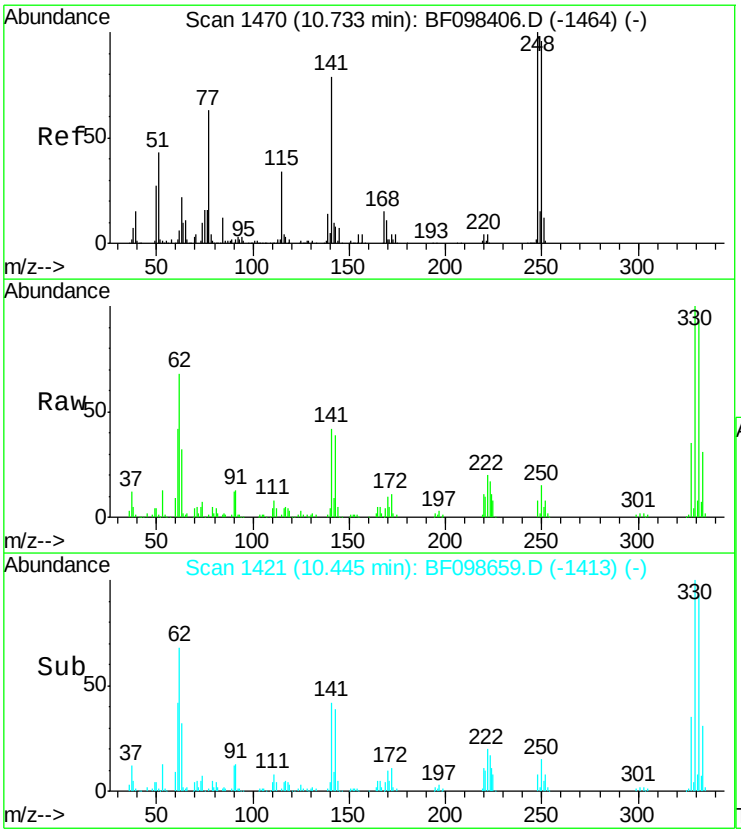
#64
4,6-Dinitro-2-methylphenol
Concen: 5.14 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.15 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 332

Ion	Ratio	Lower	Upper
198	100		
51	212.2	53.2	93.2#
105	232.6	45.8	85.8#

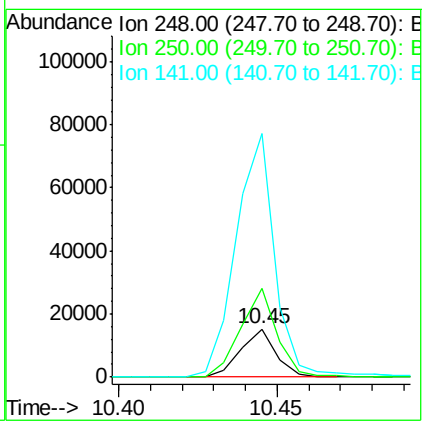


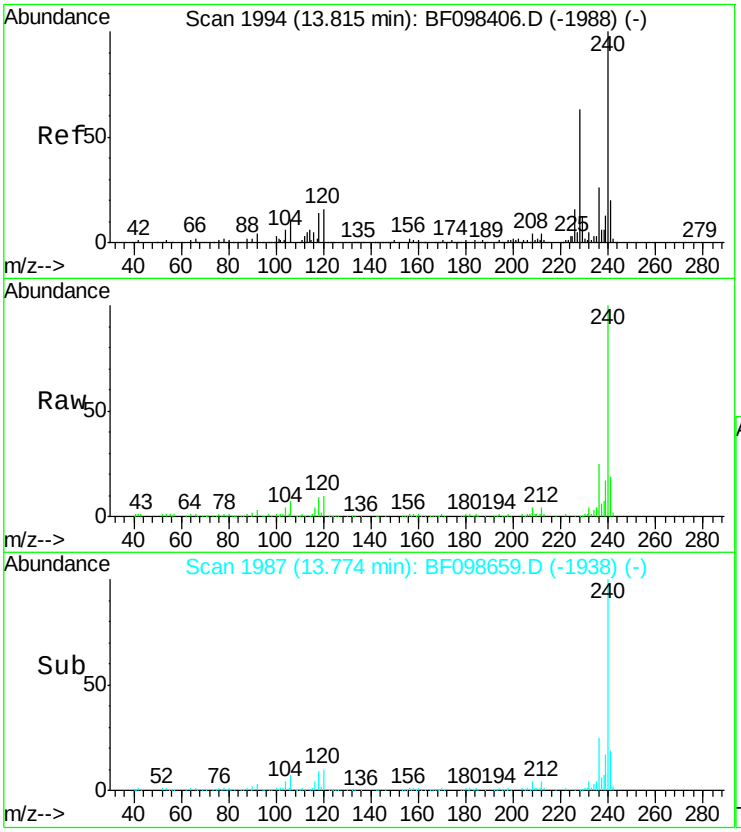


#66
4-Bromophenyl-phenylether
Concen: 4.43 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.25 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Tgt Ion:248 Resp: 11778

Ion	Ratio	Lower	Upper
248	100		
250	185.2	76.8	115.2#
141	507.6	68.6	103.0#



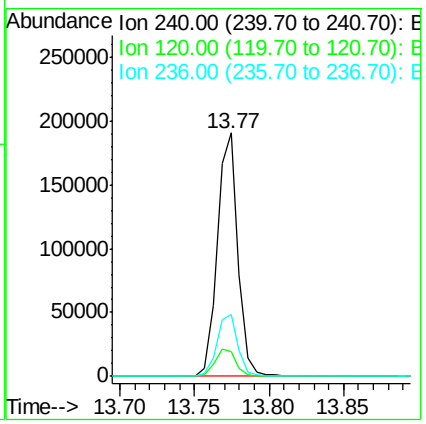


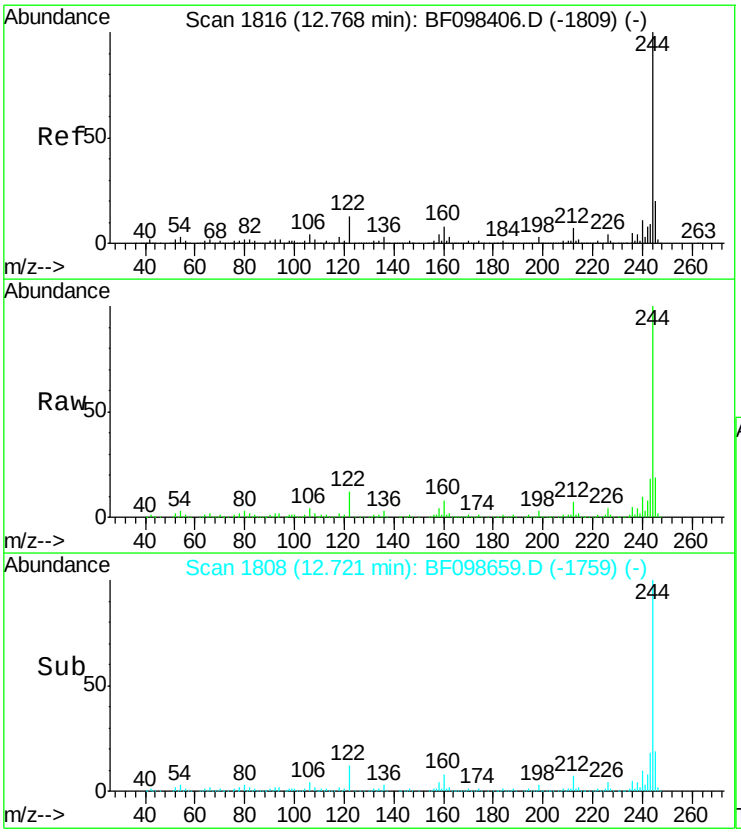
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 184458

Ion	Ratio	Lower	Upper
240	100		
120	9.9	5.8	8.8#
236	25.2	20.5	30.7

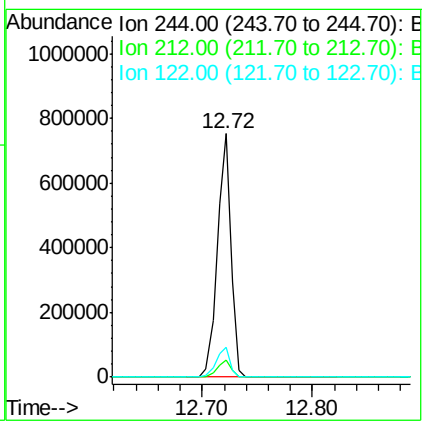


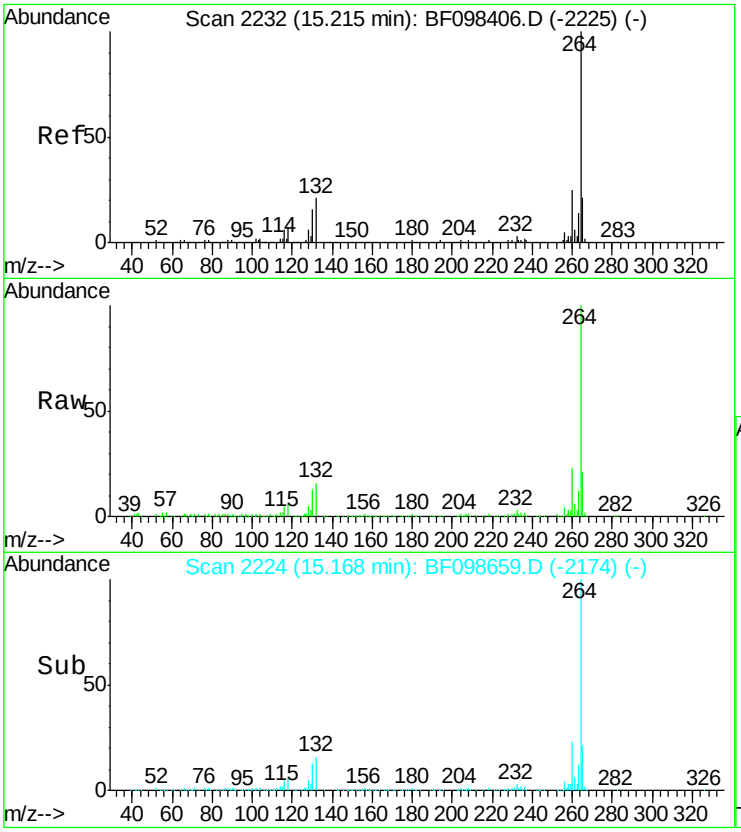


#78
Terphenyl-d14
Concen: 75.01 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Tgt Ion:244 Resp: 641026

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.2	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF098659.D
Acq: 20 Sep 2017 14:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 187575

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	20.8	17.2	25.8