Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
Data File : BF107255.D
Acq On : 10 Jul 2018 3:48
Operator : JU/SJ
Sample : J3876-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 070318-TIPC-E-D-M

Quant Time: Jul 10 05:11:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	27356	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	92988	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	45612	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	101370	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	69988	20.00	ng	-0.02
86) Perylene-d12	15.68	264	54795	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	77411	47.92	ng	-0.01
7) Phenol-d6	6.60	99	54807	27.17	ng	-0.02
23) Nitrobenzene-d5	7.51	82	153921	91.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	55104	104.23	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	297376	115.68	ng	-0.02
78) Terphenyl-d14	13.07	244	389750	134.89	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	20016	15.051	ng	# 72
25) Isophorone	7.51	82	153919	52.203	ng	# 64
49) Dimethylphthalate	9.70	163	20594	6.020	ng	# 99
50) 2,6-Dinitrotoluene	9.99	165	5835	8.055	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	5835	6.171	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	3458	2.858	ng	# 1

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

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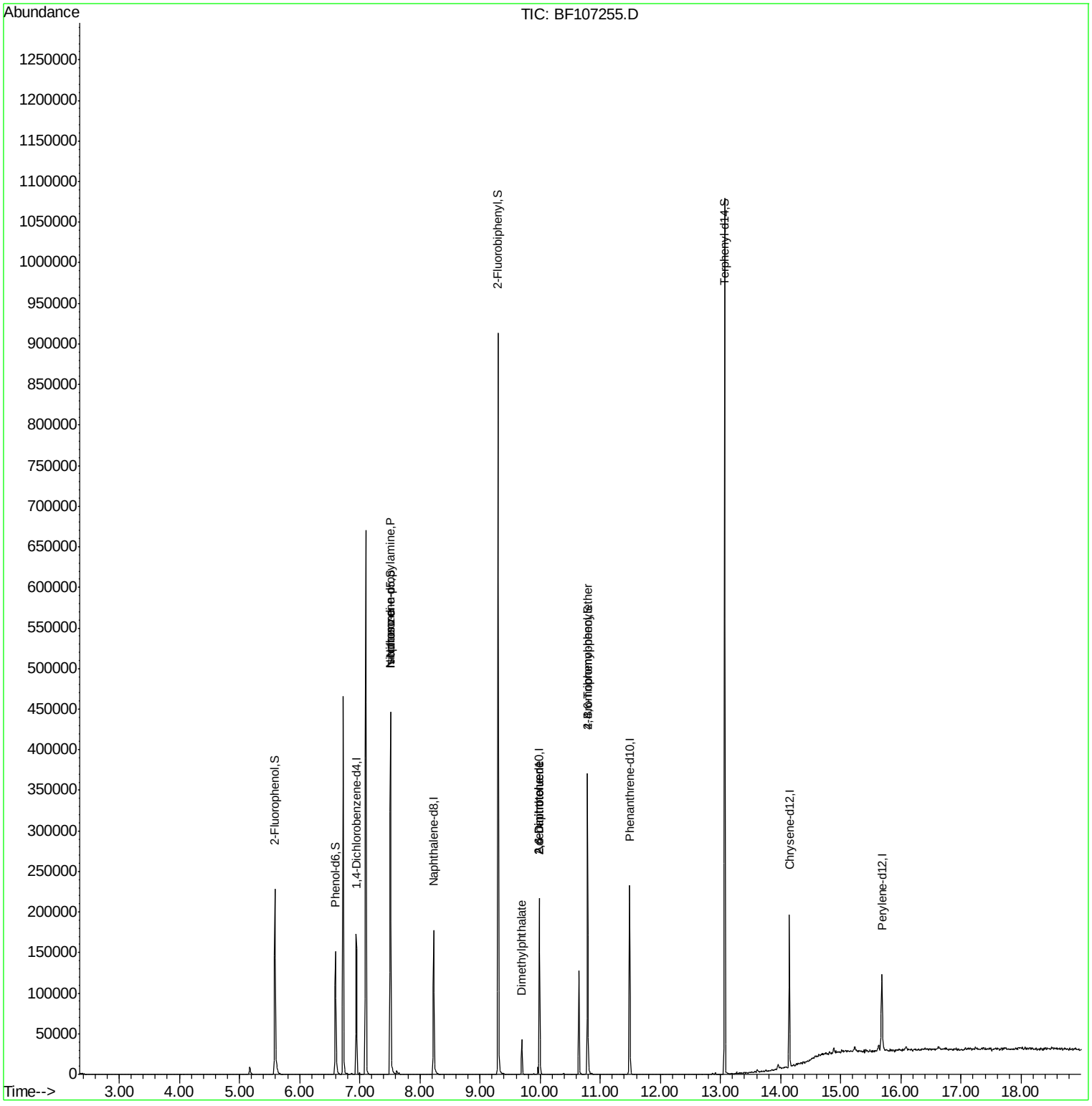
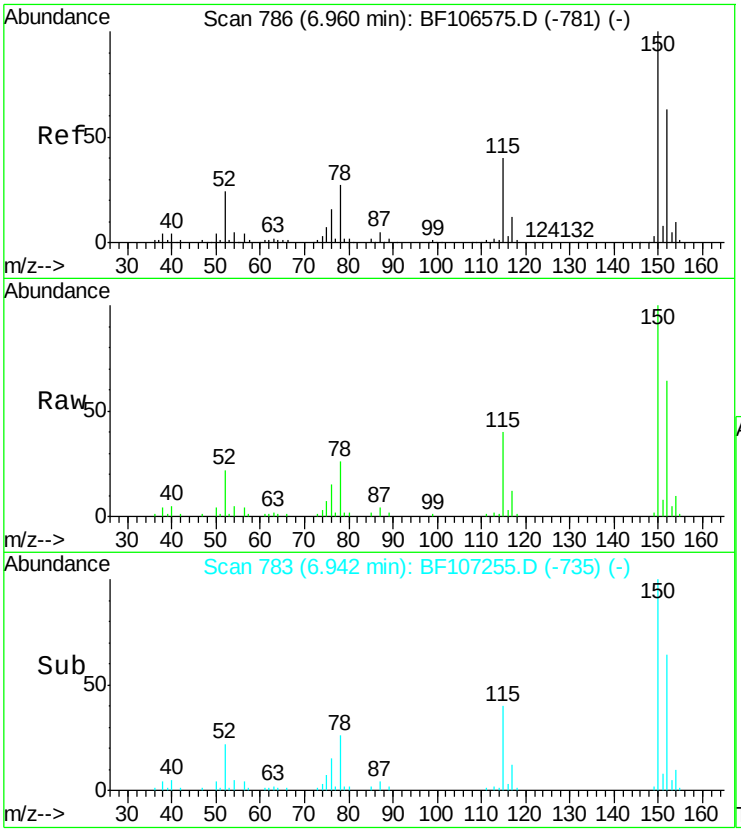


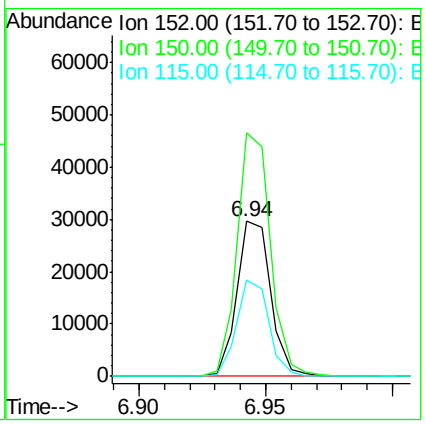


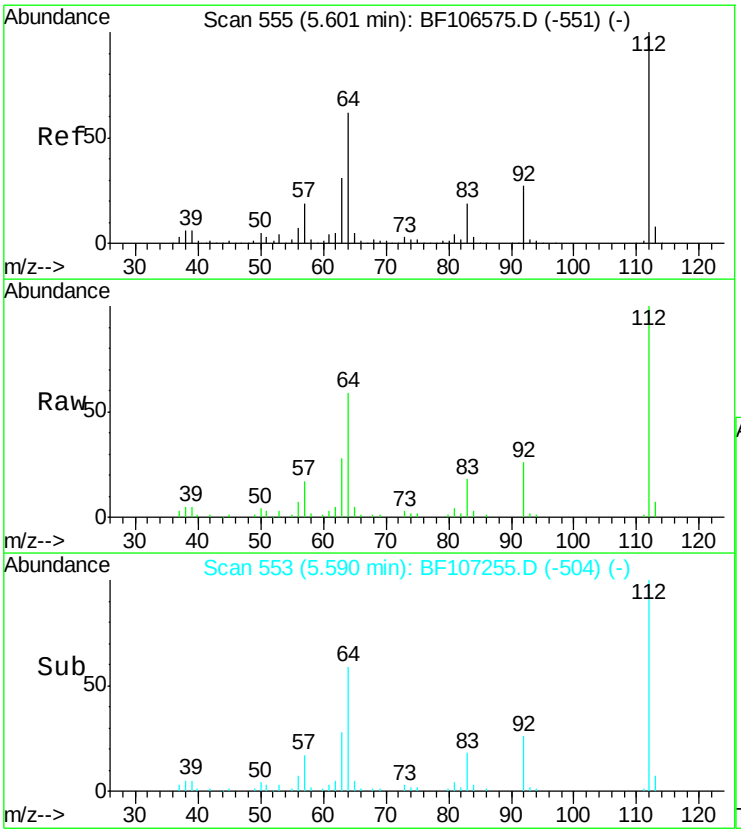
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107255.D
Acq: 10 Jul 2018 3:48

Instrument :
BNA_F
ClientSampleId :
070318-TIPC-E-D-M

Tgt Ion:152 Resp: 27356

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	62.5	50.1	75.1

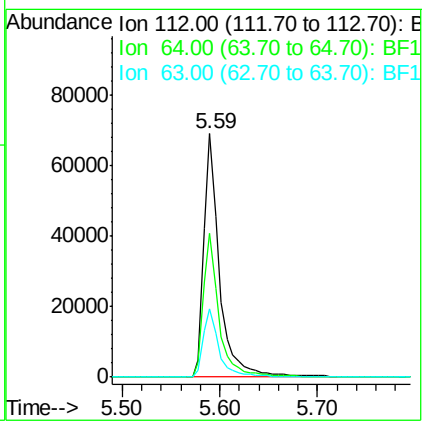


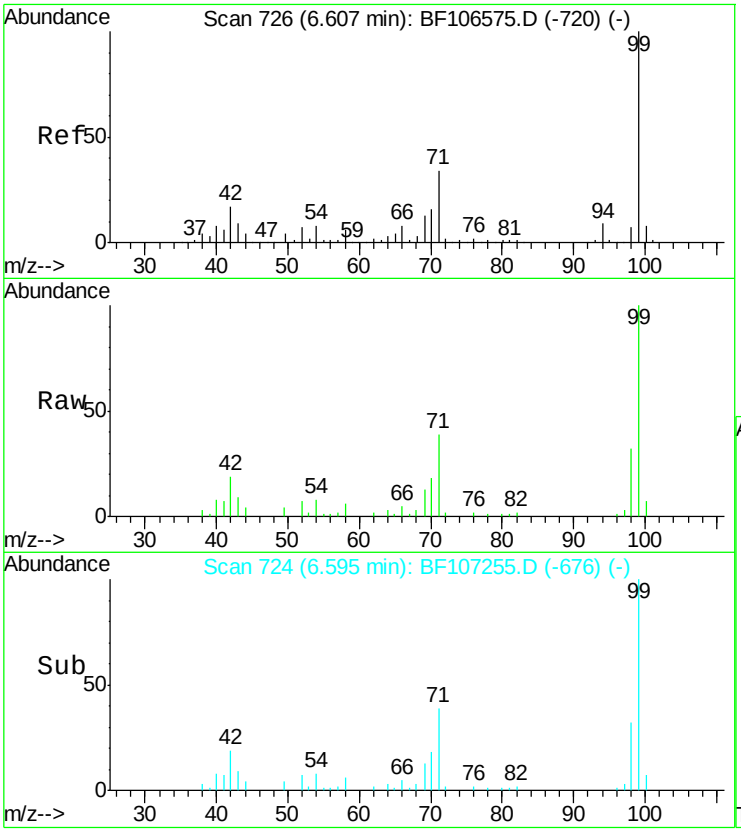


#5
2-Fluorophenol
Concen: 47.917 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107255.D
Acq: 10 Jul 2018 3:48

Tgt Ion:112 Resp: 77411

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	28.2	23.7	35.5



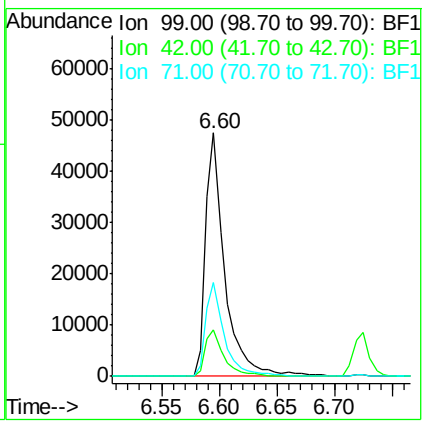


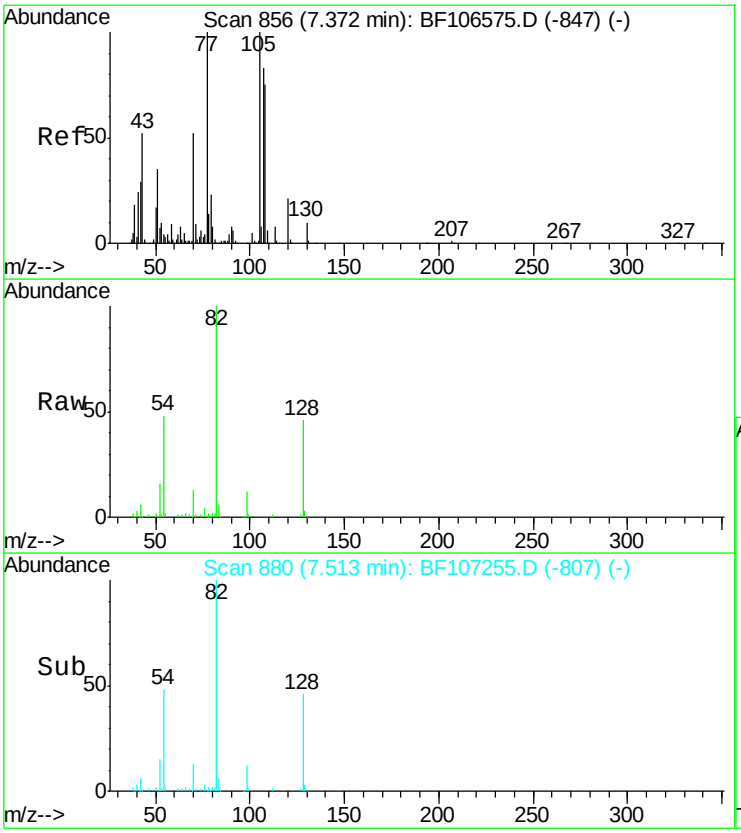
#7
Phenol-d6
Concen: 27.166 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107255.D
Acq: 10 Jul 2018 3:48

Instrument :
BNA_F
ClientSampleId :
070318-TIPC-E-D-M

Tgt Ion: 99 Resp: 54807

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	38.6	25.4	38.0#

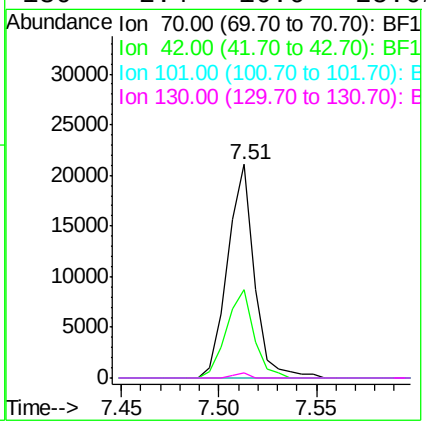


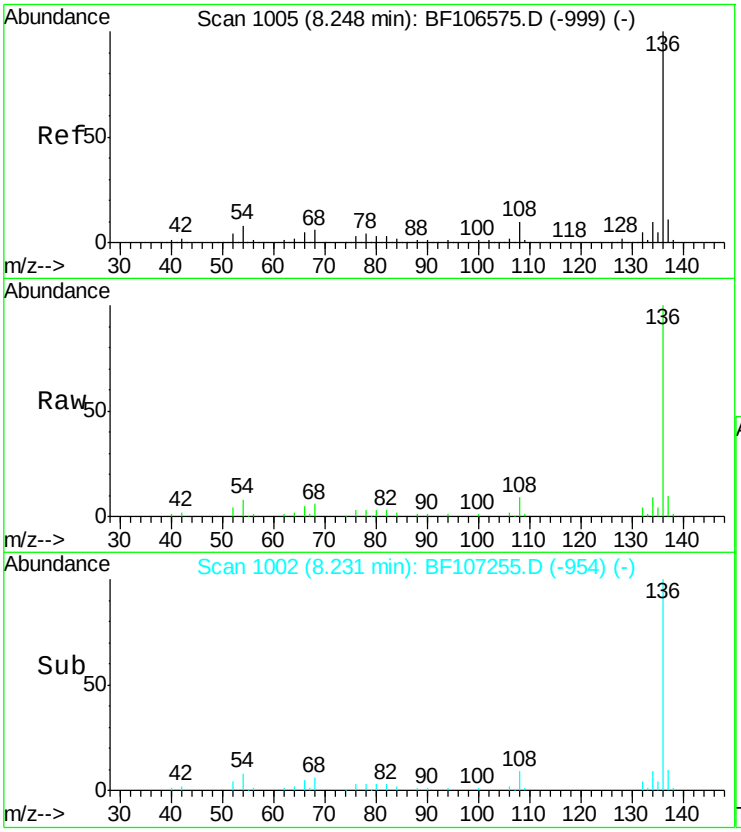


#19
n-Nitroso-di-n-propylamine
Concen: 15.051 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107255.D
Acq: 10 Jul 2018 3:48

Tgt Ion: 70 Resp: 20016

Ion	Ratio	Lower	Upper
70	100		
42	41.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



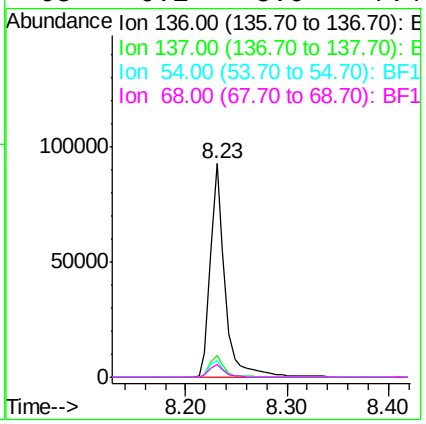


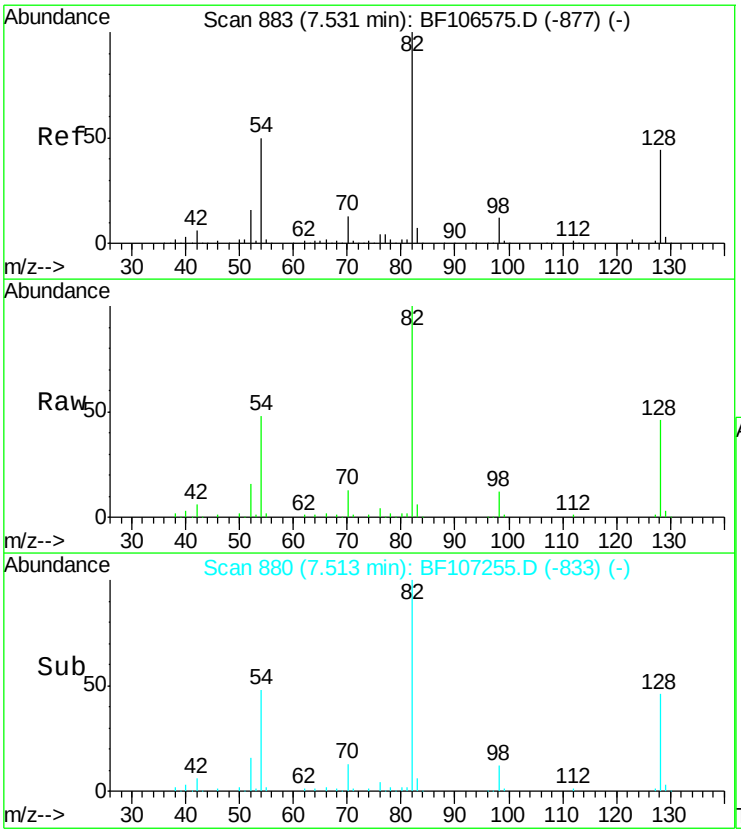
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107255.D
Acq: 10 Jul 2018 3:48

Instrument :
BNA_F
ClientSampleId :
070318-TIPC-E-D-M

Tgt Ion:136 Resp: 92988

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.8	6.6	9.8
68	6.1	5.0	7.4

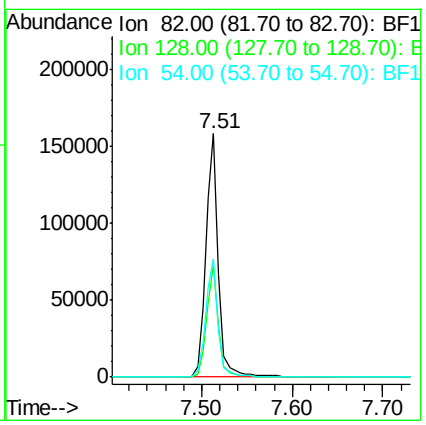


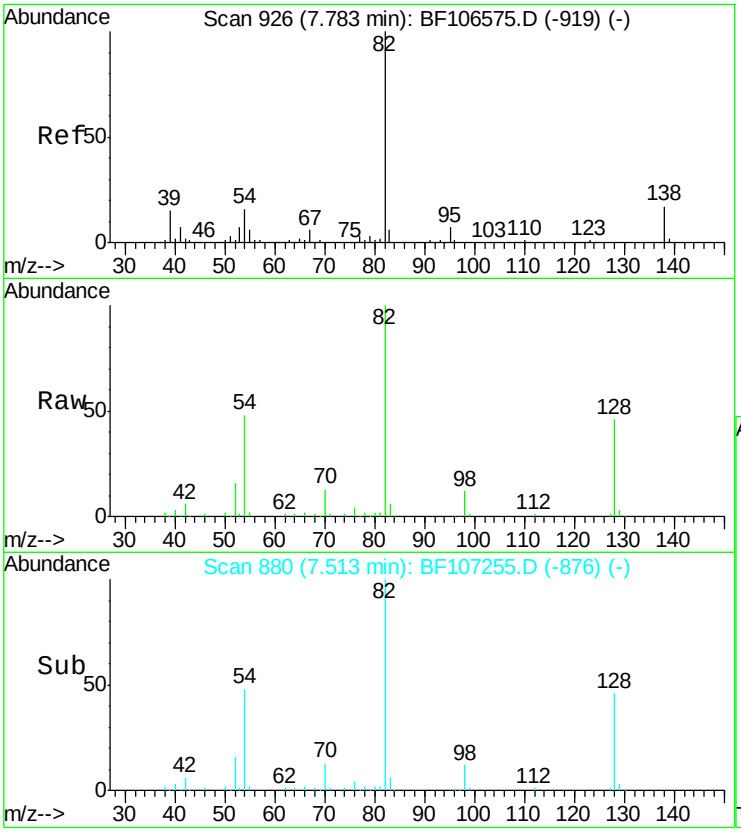


#23
Nitrobenzene-d5
Concen: 91.990 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107255.D
Acq: 10 Jul 2018 3:48

Tgt Ion: 82 Resp: 153921

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	48.4	41.4	62.2



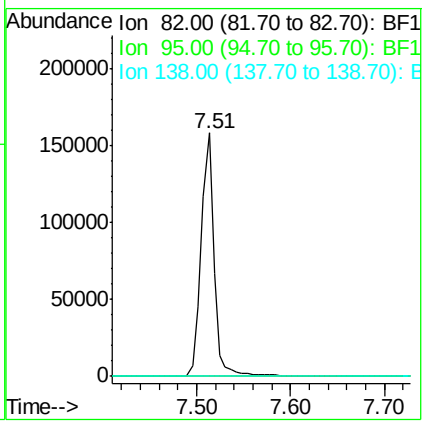


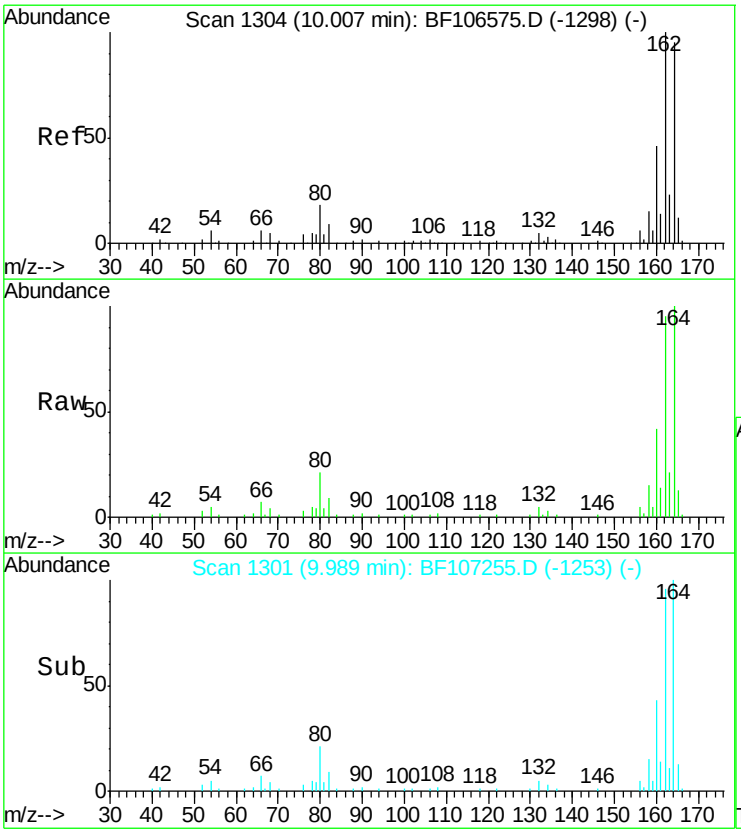
#25
Isophorone
Concen: 52.203 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107255.D
Acq: 10 Jul 2018 3:48

Instrument :
BNA_F
ClientSampleId :
070318-TIPC-E-D-M

Tgt Ion: 82 Resp: 153919

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

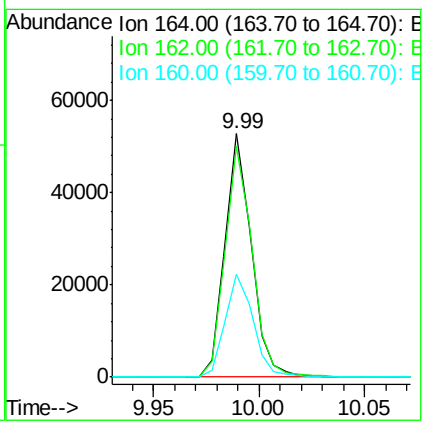


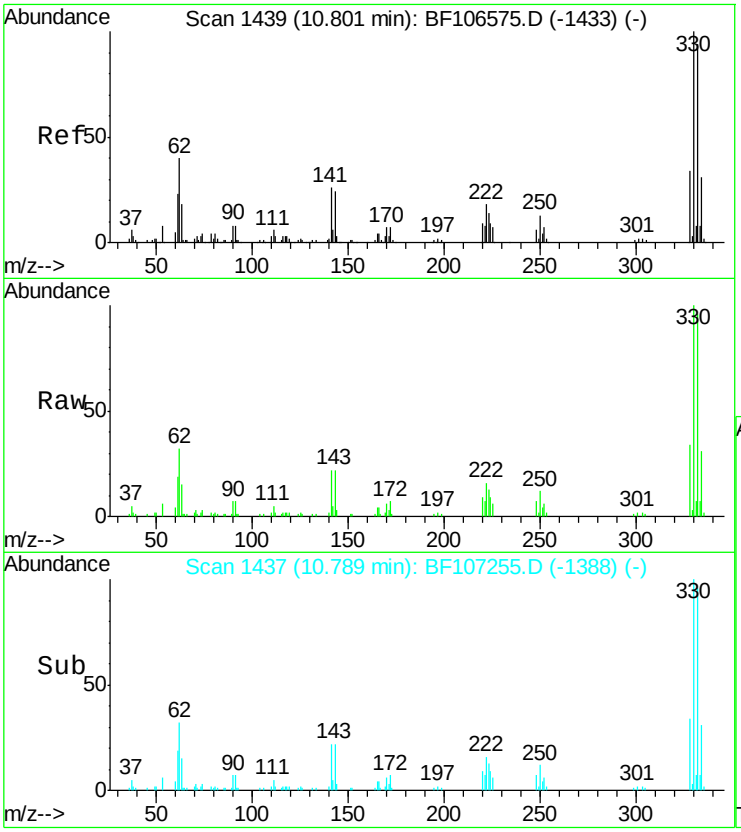


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107255.D
Acq: 10 Jul 2018 3:48

Tgt Ion:164 Resp: 45612

Ion	Ratio	Lower	Upper
164	100		
162	95.0	86.1	129.1
160	42.2	38.3	57.5



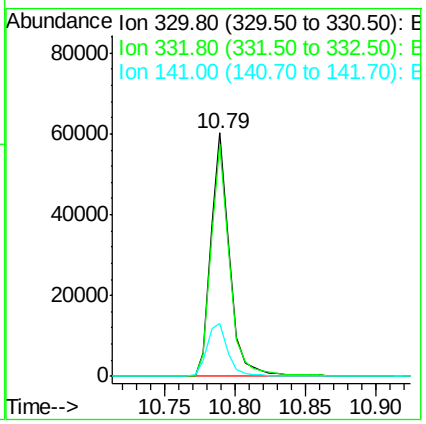


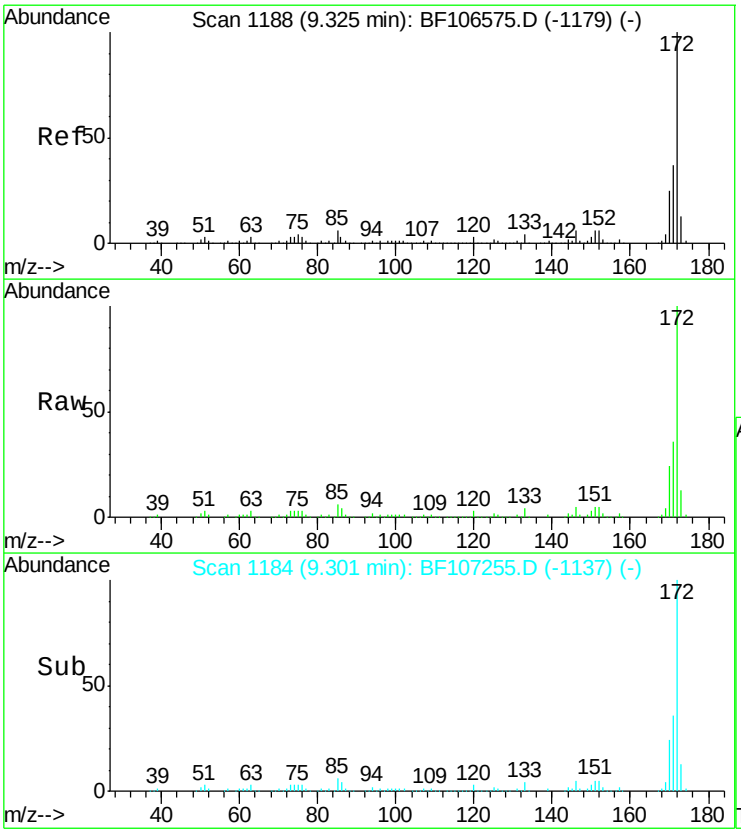
#41
2,4,6-Tribromophenol
Concen: 104.234 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107255.D
Acq: 10 Jul 2018 3:48

Instrument :
BNA_F
ClientSampleId :
070318-TIPC-E-D-M

Tgt Ion:330 Resp: 55104

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	24.1	29.9	44.9#

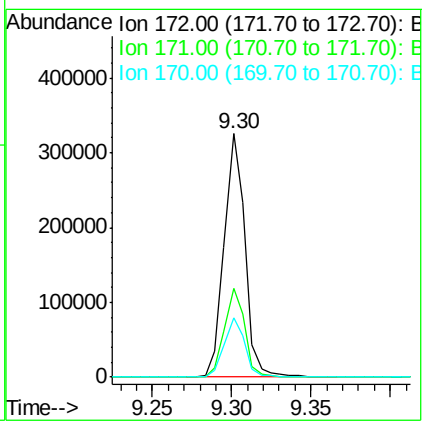


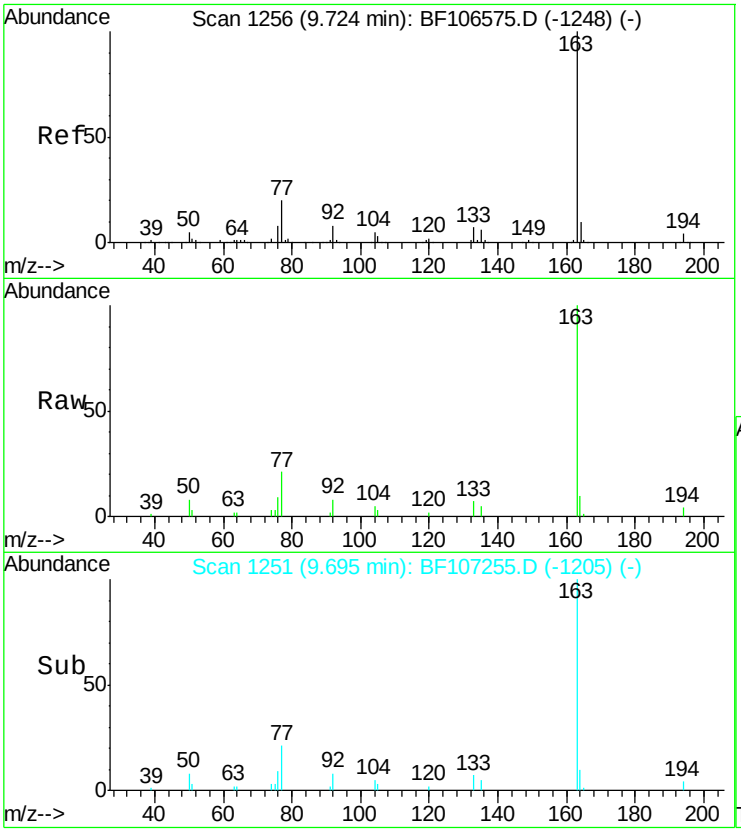


#44
2-Fluorobiphenyl
Concen: 115.678 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107255.D
Acq: 10 Jul 2018 3:48

Tgt Ion:172 Resp: 297376

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4



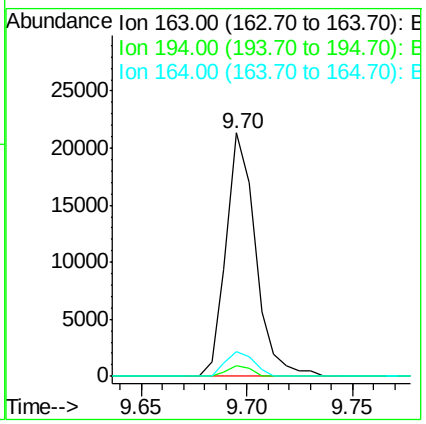


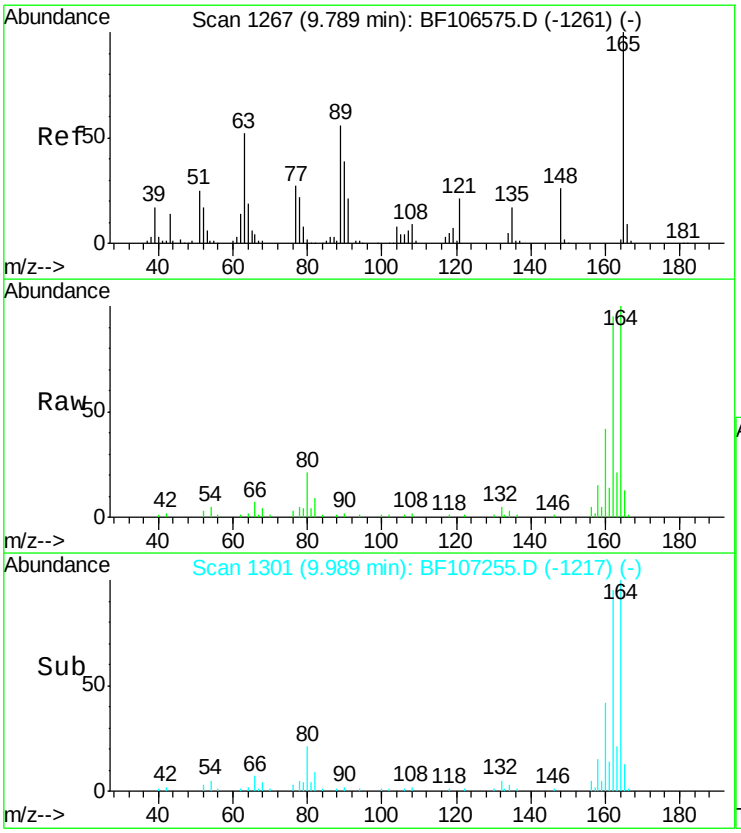
#49
Dimethylphthalate
Concen: 6.020 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107255.D
Acq: 10 Jul 2018 3:48

Instrument :
BNA_F
ClientSampleId :
070318-TIPC-E-D-M

Tgt Ion:163 Resp: 20594

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.1	8.2	12.2

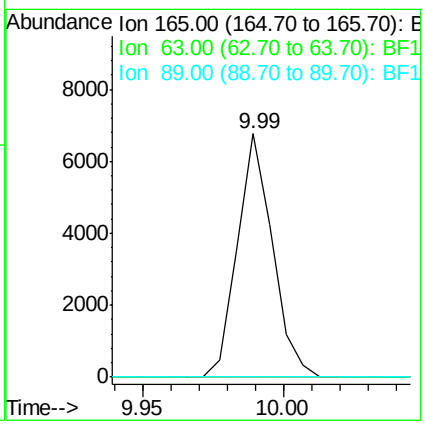


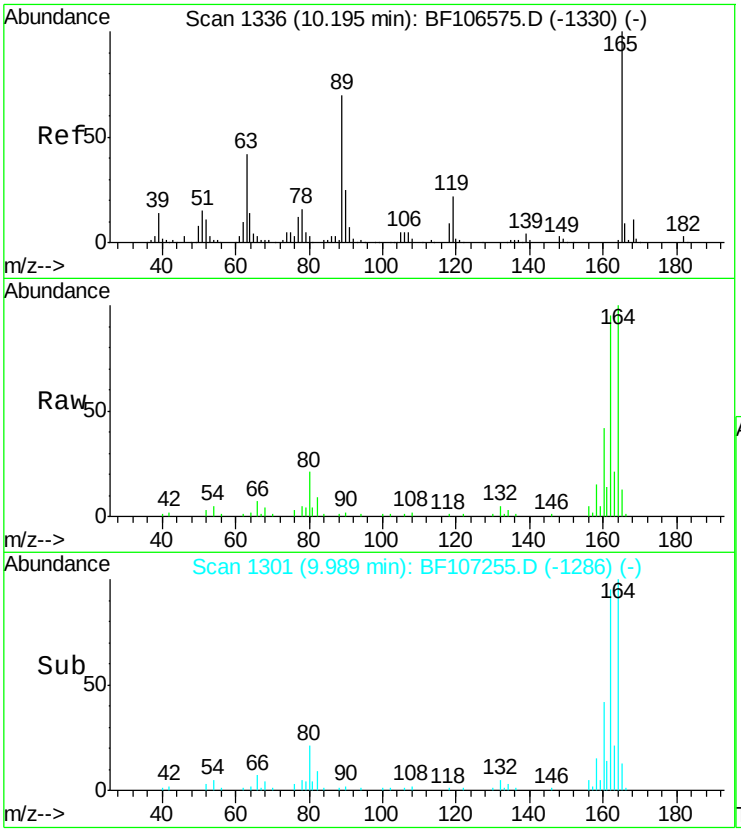


#50
2,6-Dinitrotoluene
Concen: 8.055 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF107255.D
Acq: 10 Jul 2018 3:48

Tgt Ion:165 Resp: 5835

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



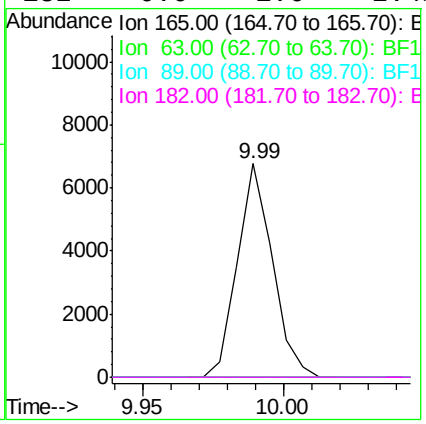


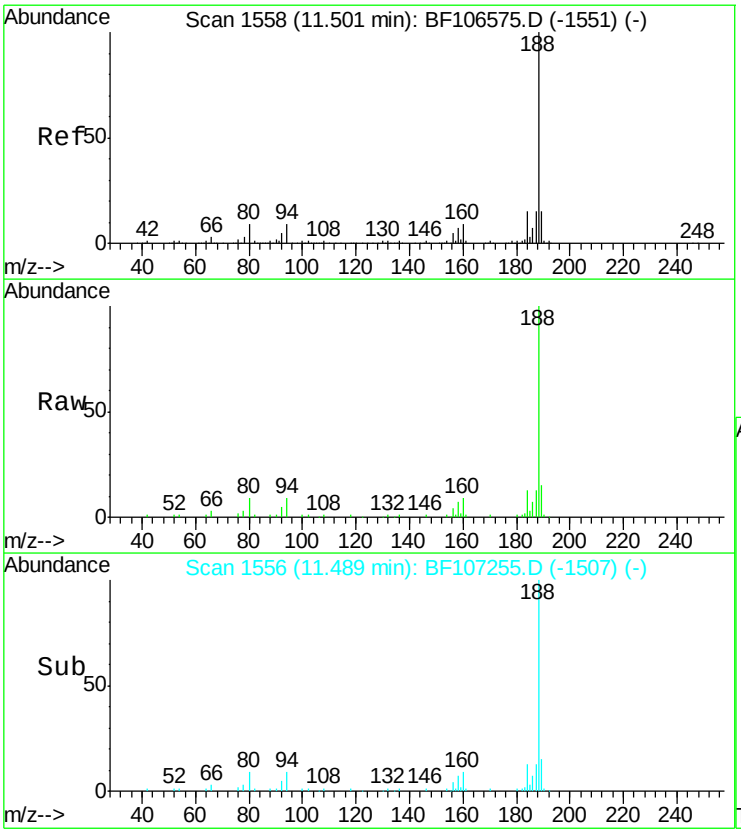
#56
2,4-Dinitrotoluene
Concen: 6.171 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107255.D
Acq: 10 Jul 2018 3:48

Instrument :
BNA_F
ClientSampleId :
070318-TIPC-E-D-M

Tgt Ion:165 Resp: 5835

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#

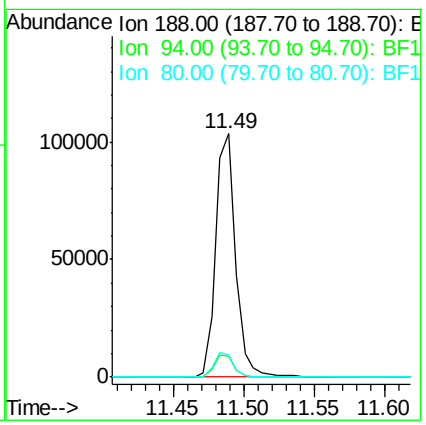


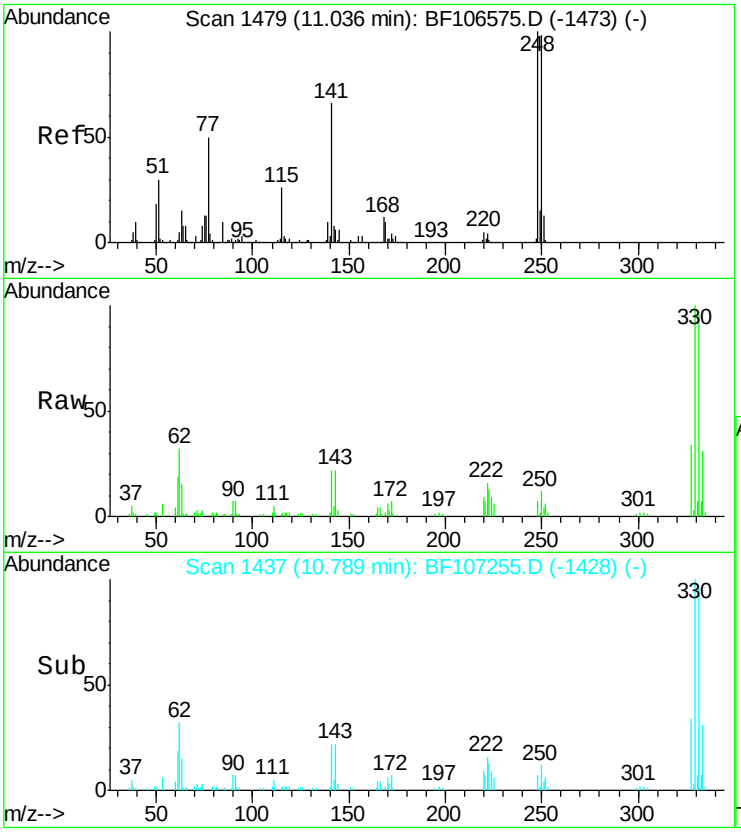


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107255.D
Acq: 10 Jul 2018 3:48

Tgt Ion:188 Resp: 101370

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.0	9.2	13.8#



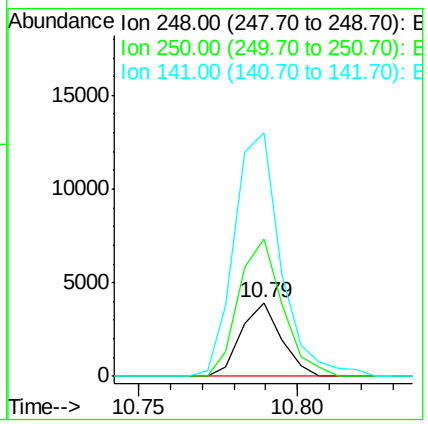


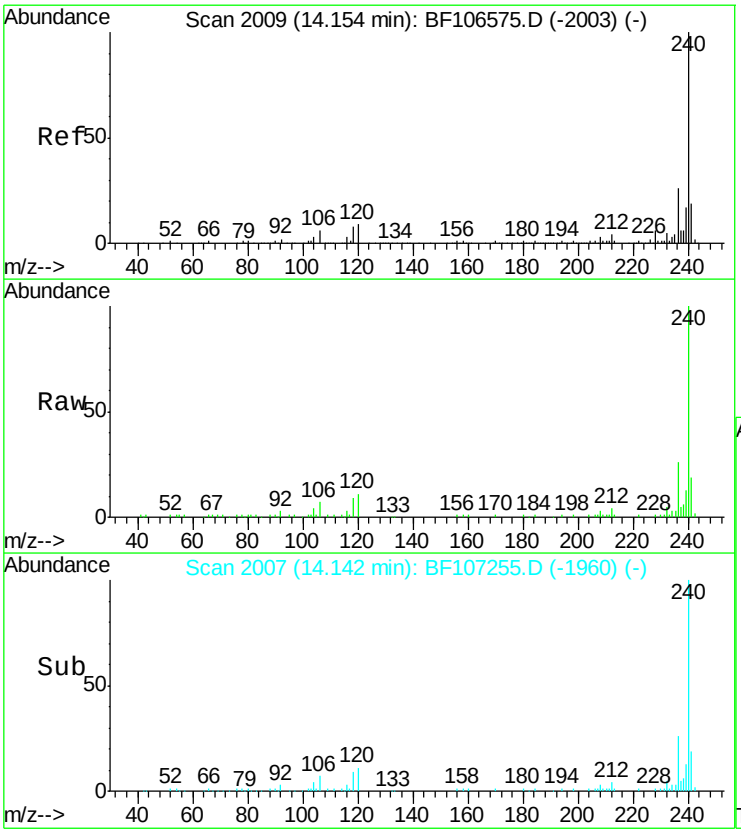
#66
4-Bromophenyl-phenylether
Concen: 2.858 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107255.D
Acq: 10 Jul 2018 3:48

Instrument :
BNA_F
ClientSampleId :
070318-TIPC-E-D-M

Tgt Ion:248 Resp: 3458

Ion	Ratio	Lower	Upper
248	100		
250	186.1	76.9	115.3#
141	329.4	74.4	111.6#

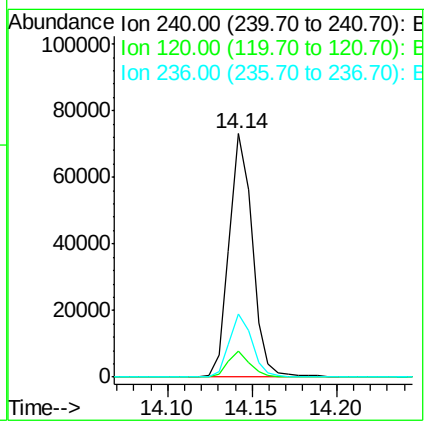


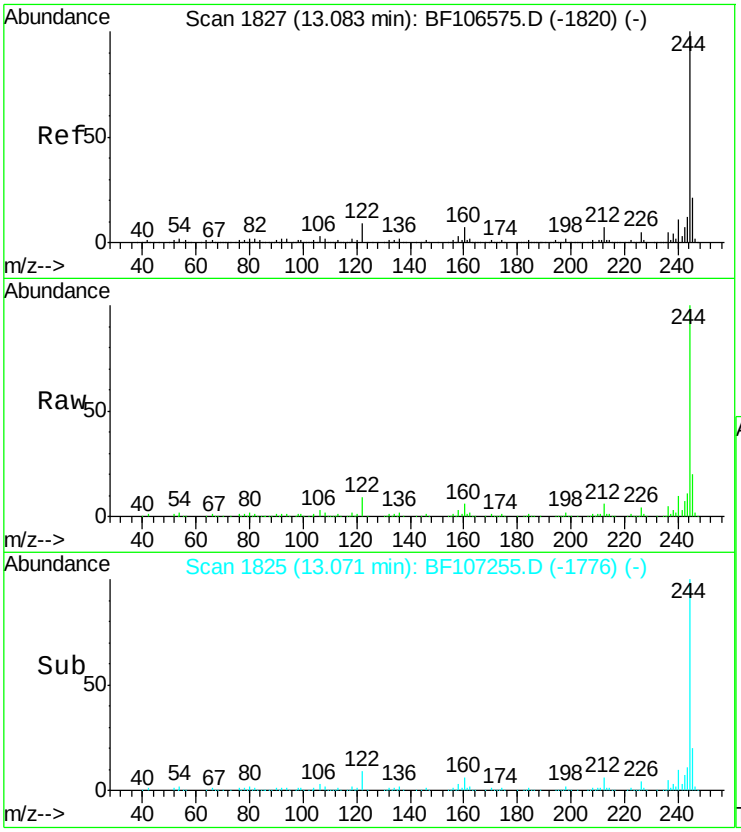


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107255.D
Acq: 10 Jul 2018 3:48

Tgt Ion:240 Resp: 69988

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	25.8	20.7	31.1



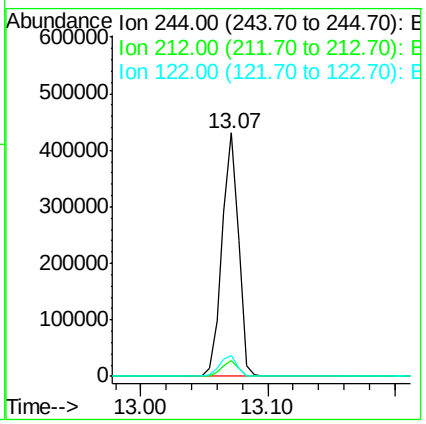


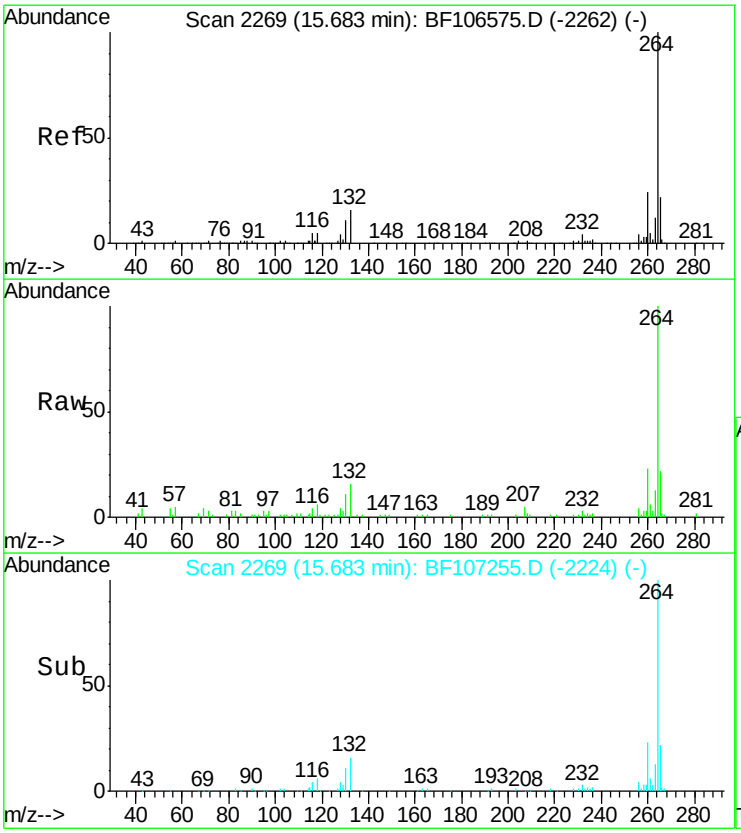
#78
Terphenyl-d14
Concen: 134.893 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107255.D
Acq: 10 Jul 2018 3:48

Instrument :
BNA_F
ClientSampleId :
070318-TIPC-E-D-M

Tgt Ion:244 Resp: 389750

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107255.D
Acq: 10 Jul 2018 3:48

Tgt Ion:264 Resp: 54795

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.8	17.5	26.3