Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107110.D
Acq On : 4 Jul 2018 4:51
Operator : JU/SJ
Sample : J3816-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 161-CURB

Quant Time: Jul 04 05:17:52 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	6.95	152	51177	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	178689	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	78796	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	158850	20.00	ng	0.00
75) Chrysene-d12	14.15	240	132727	20.00	ng	-0.02
86) Perylene-d12	15.69	264	99132	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	262052	86.71	ng	0.00
7) Phenol-d6	6.60	99	318006	84.26	ng	-0.01
23) Nitrobenzene-d5	7.52	82	186206	57.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	82087	89.88	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	353261	73.97	ng	-0.02
78) Terphenyl-d14	13.08	244	434787	79.35	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	23901	9.607	ng	# 76
25) Isophorone	7.52	82	186203	32.864	ng	# 64
49) Dimethylphthalate	9.71	163	35561	6.017	ng	# 95
50) 2,6-Dinitrotoluene	10.00	165	9717	7.765	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	9717	5.949	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	4854	2.560	ng	# 1

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

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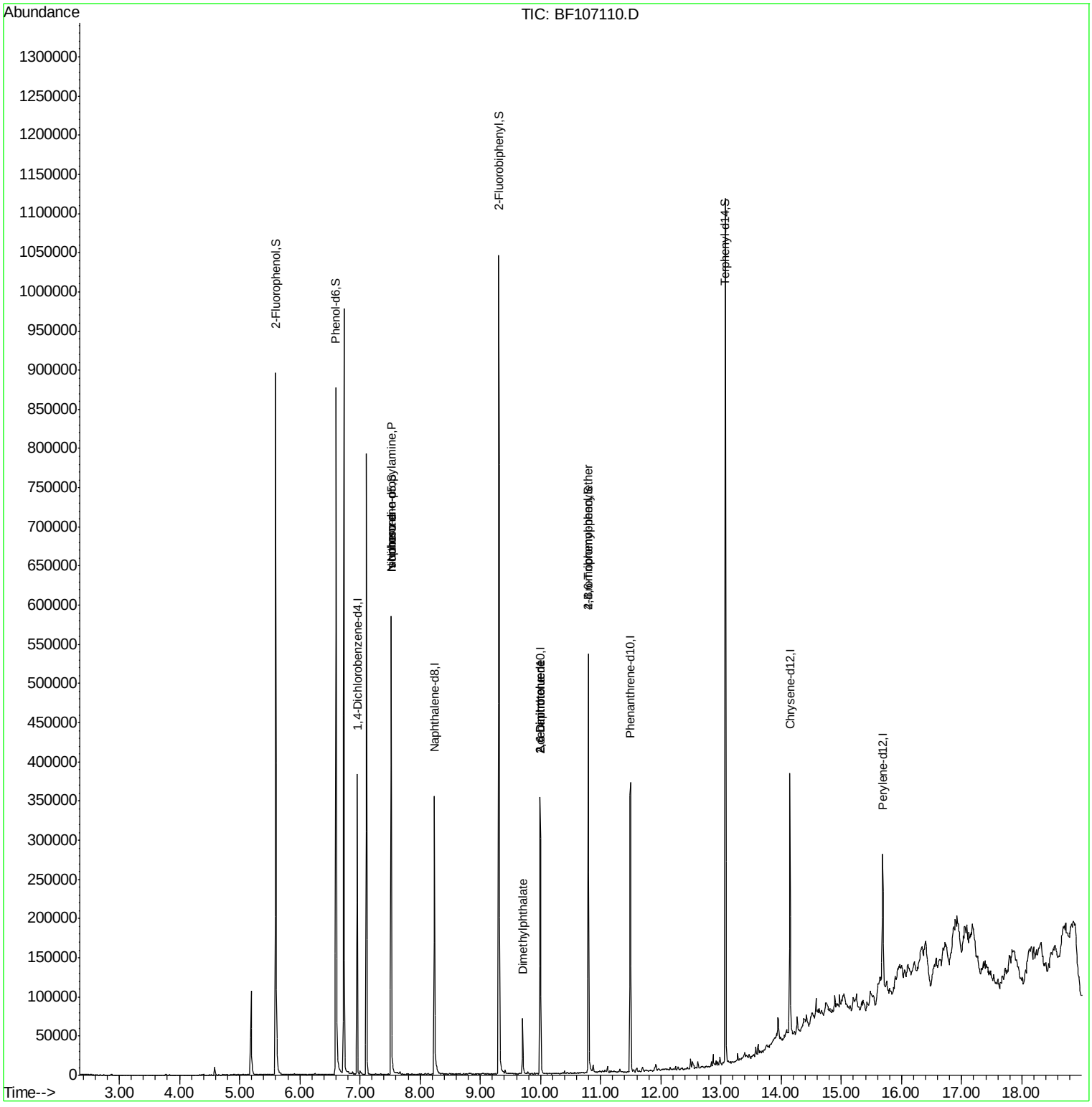
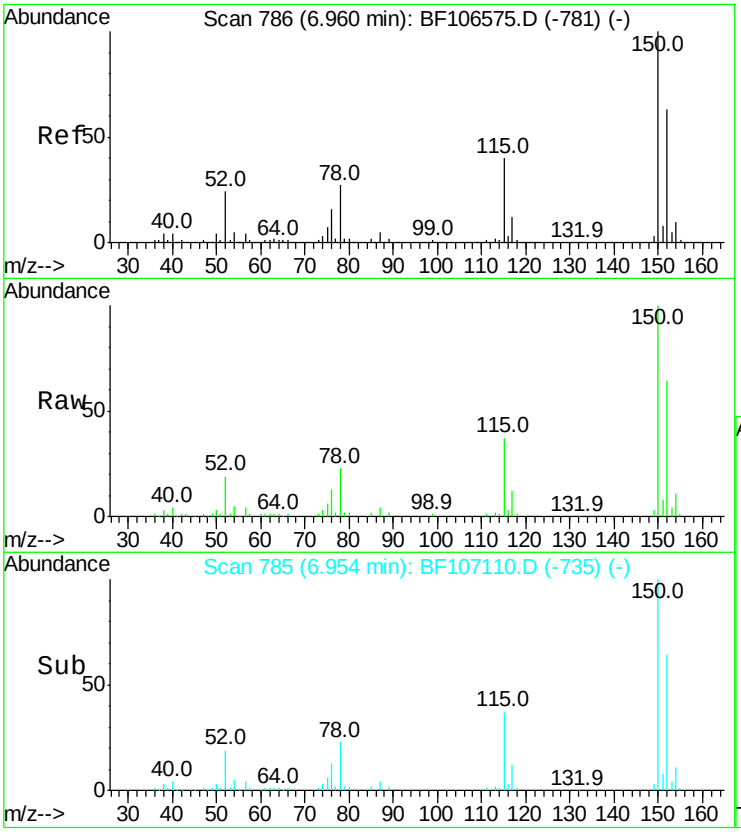


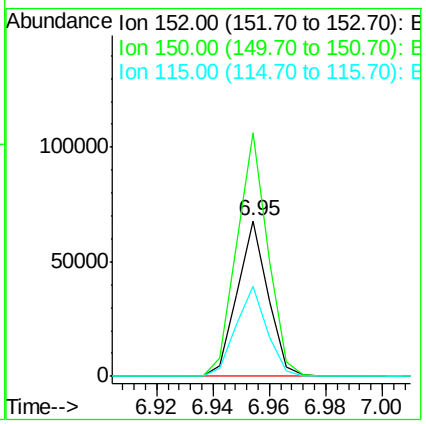


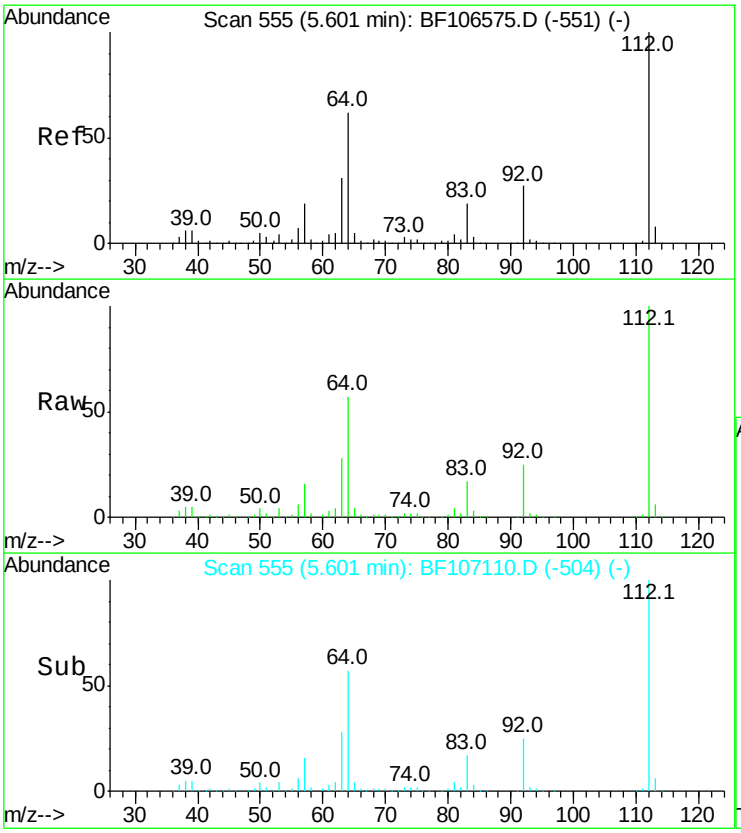
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Instrument :
BNA_F
ClientSampleId :
161-CURB

Tgt Ion:152 Resp: 51177

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	57.6	50.1	75.1

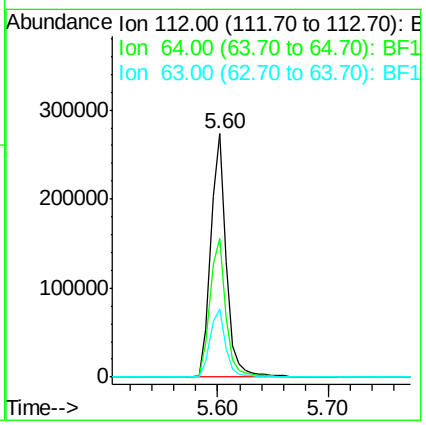


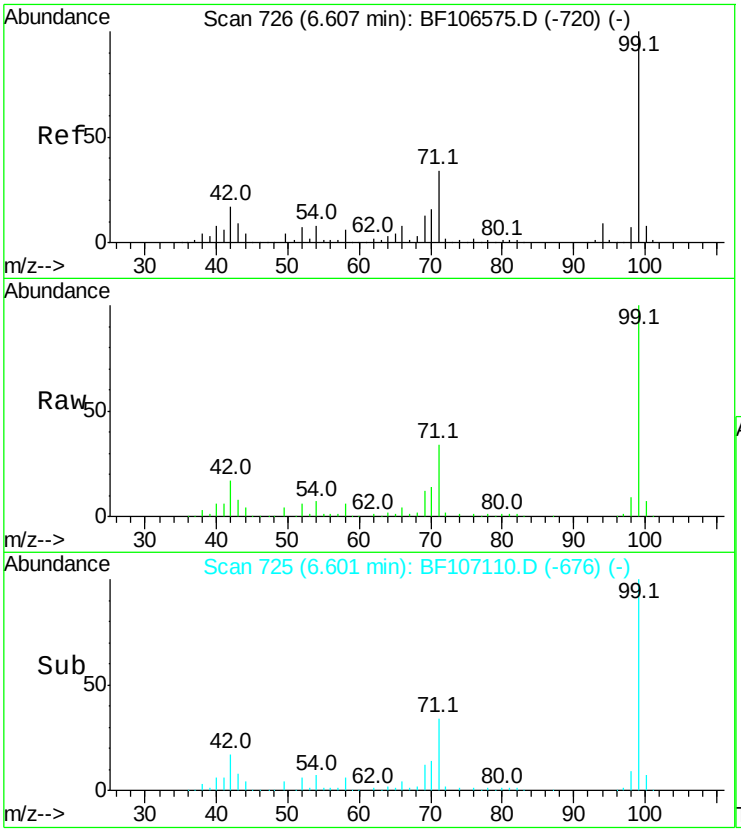


#5
2-Fluorophenol
Concen: 86.706 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Tgt Ion:112 Resp: 262052

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.9	71.9
63	27.8	23.7	35.5



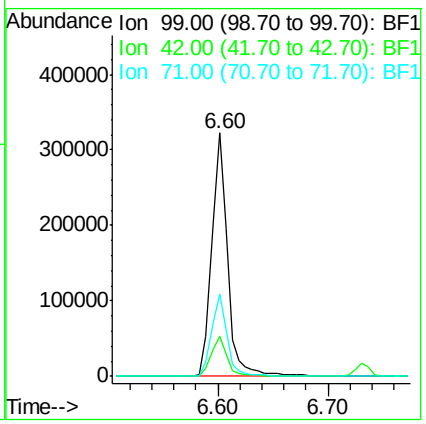


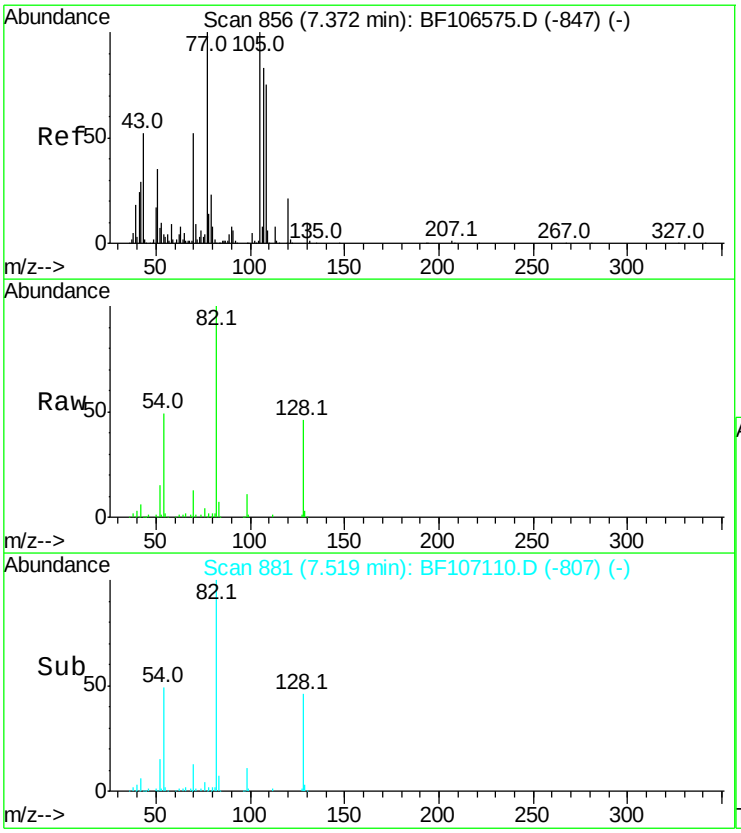
#7
Phenol-d6
Concen: 84.257 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Instrument :
BNA_F
ClientSampleId :
161-CURB

Tgt Ion: 99 Resp: 318006

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.5	21.7
71	34.1	25.4	38.0

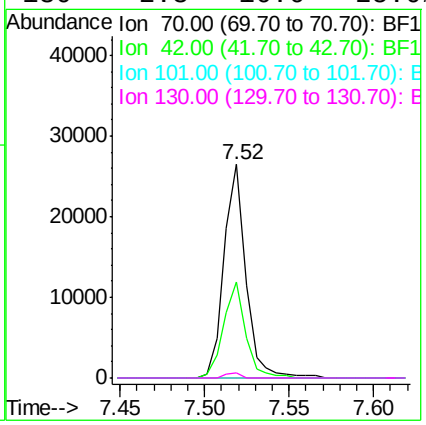


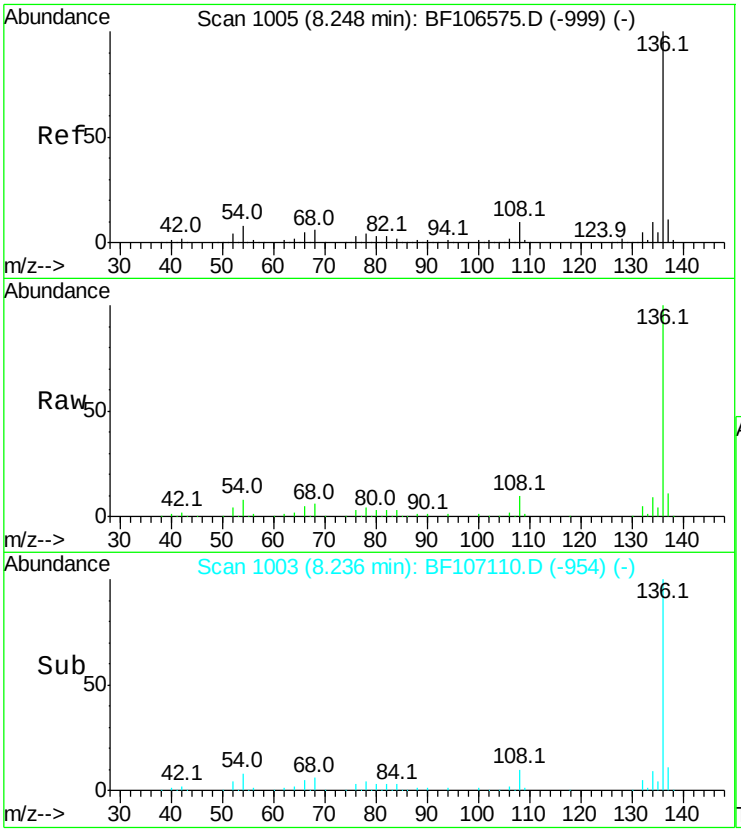


#19
n-Nitroso-di-n-propylamine
Concen: 9.607 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Tgt Ion: 70 Resp: 23901

Ion	Ratio	Lower	Upper
70	100		
42	45.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



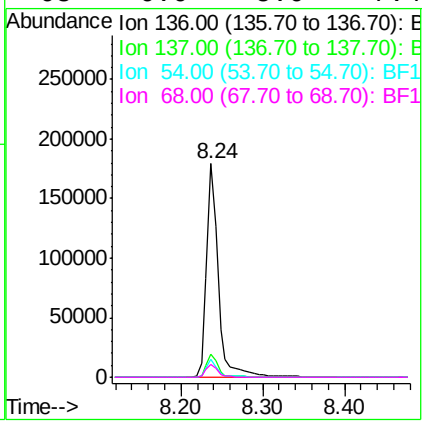


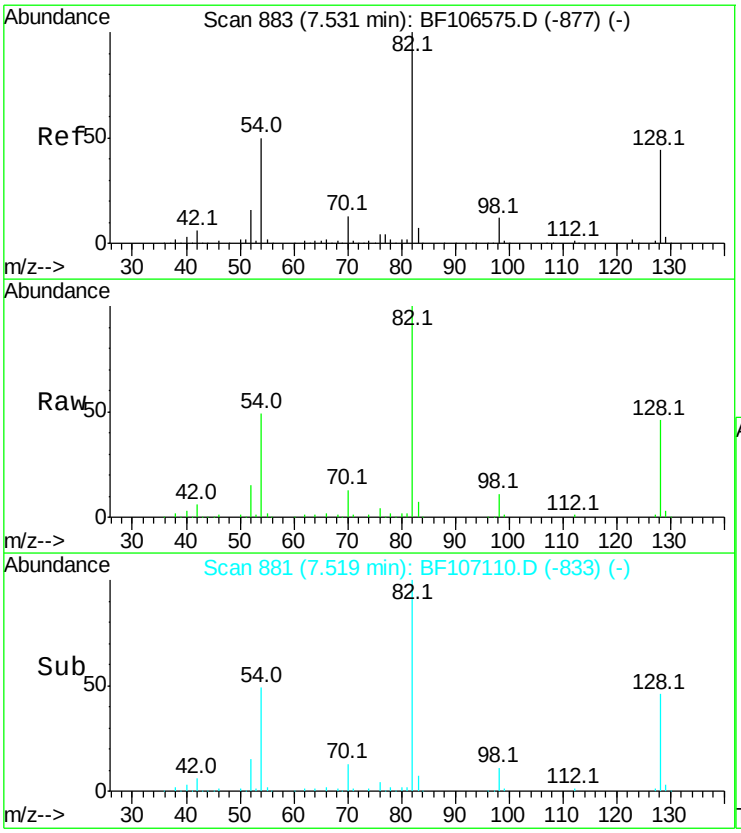
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Instrument :
BNA_F
ClientSampleId :
161-CURB

Tgt Ion:136 Resp: 178689

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.3	6.6	9.8
68	6.0	5.0	7.4

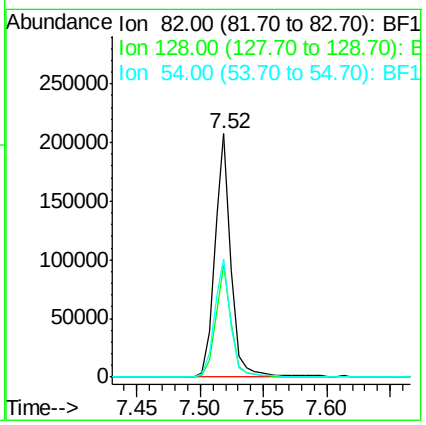


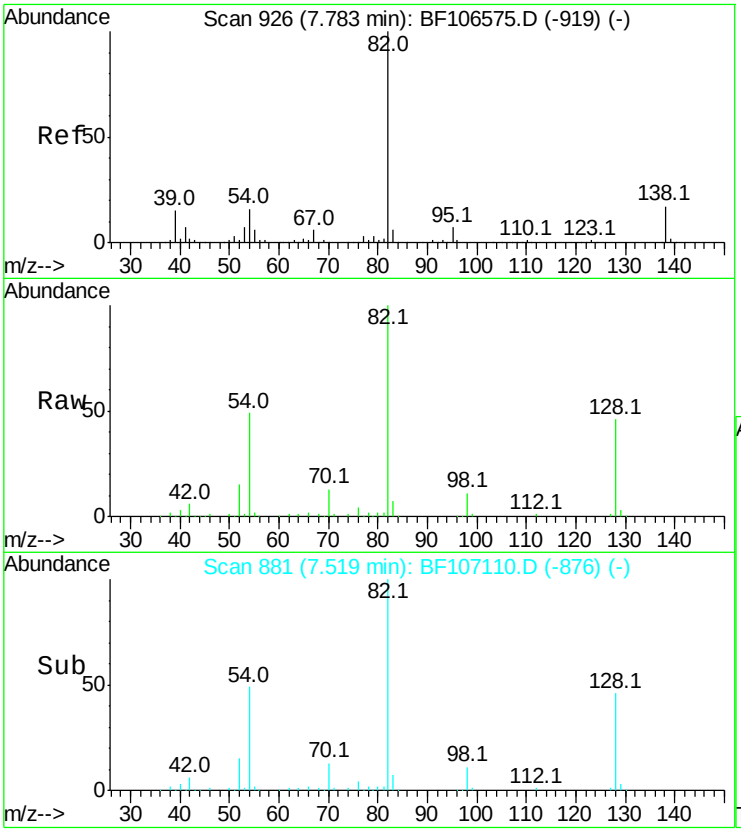


#23
Nitrobenzene-d5
Concen: 57.911 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Tgt Ion: 82 Resp: 186206

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	48.5	41.4	62.2



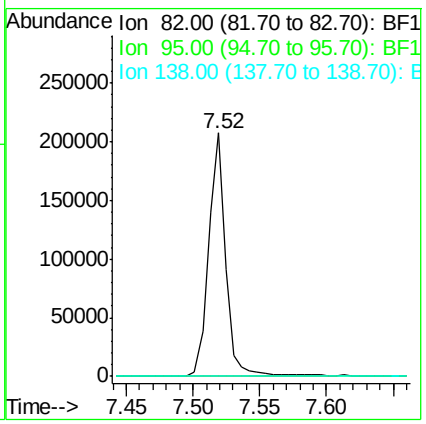


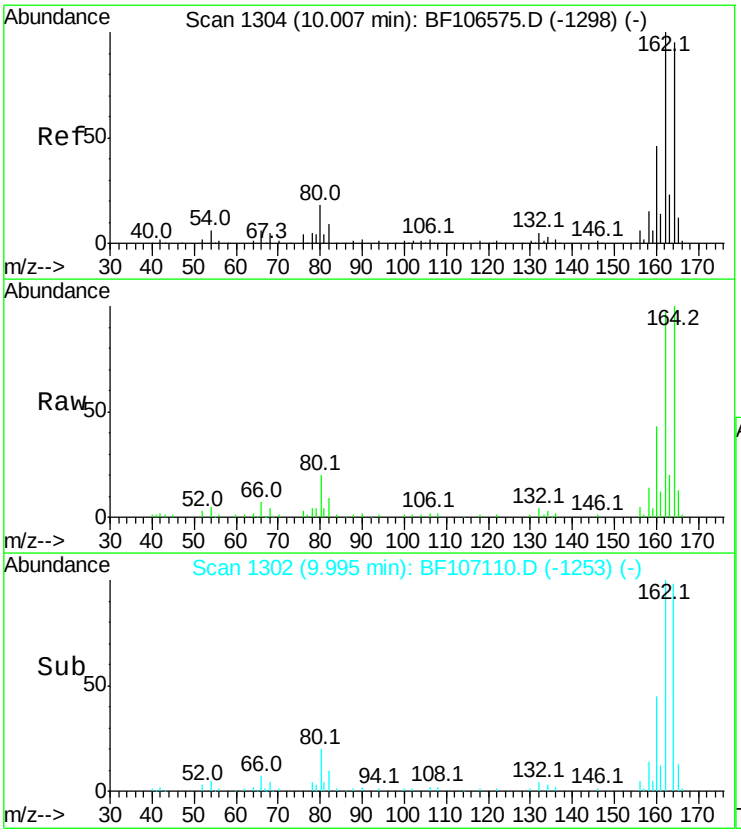
#25
Isophorone
Concen: 32.864 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Instrument :
BNA_F
ClientSampleId :
161-CURB

Tgt Ion: 82 Resp: 186203

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

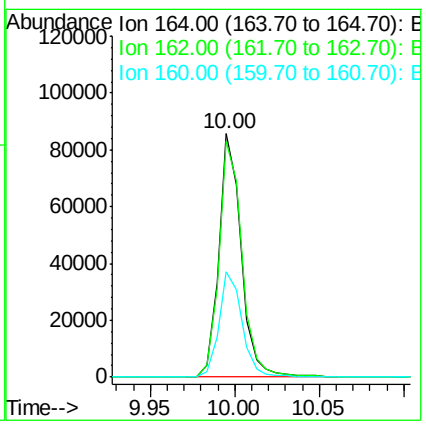


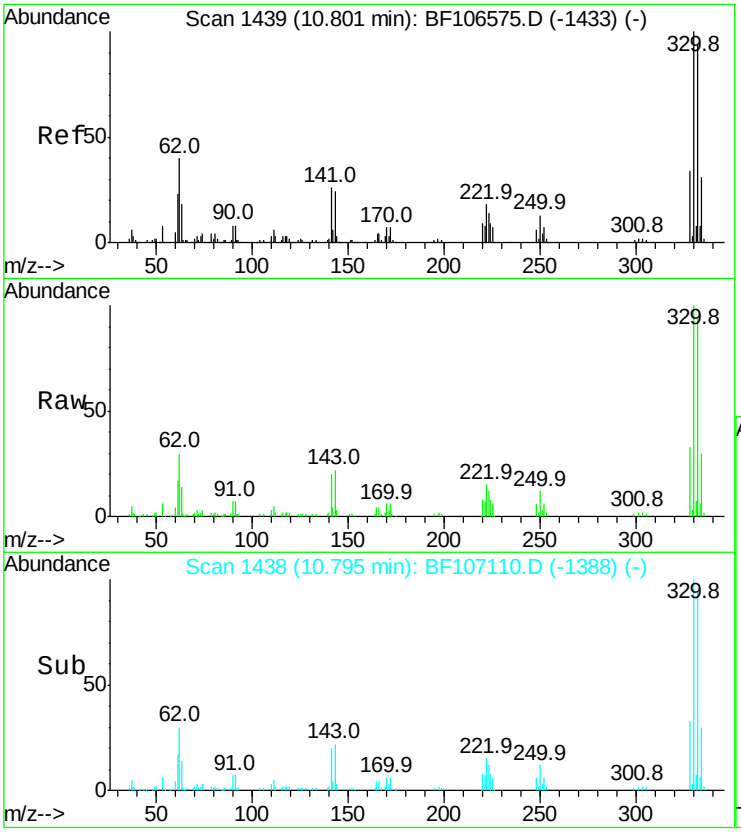


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Tgt Ion:164 Resp: 78796

Ion	Ratio	Lower	Upper
164	100		
162	97.1	86.1	129.1
160	43.5	38.3	57.5



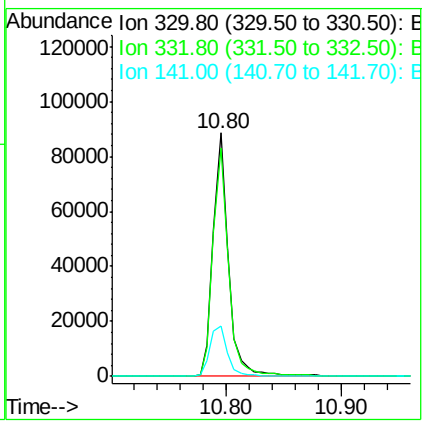


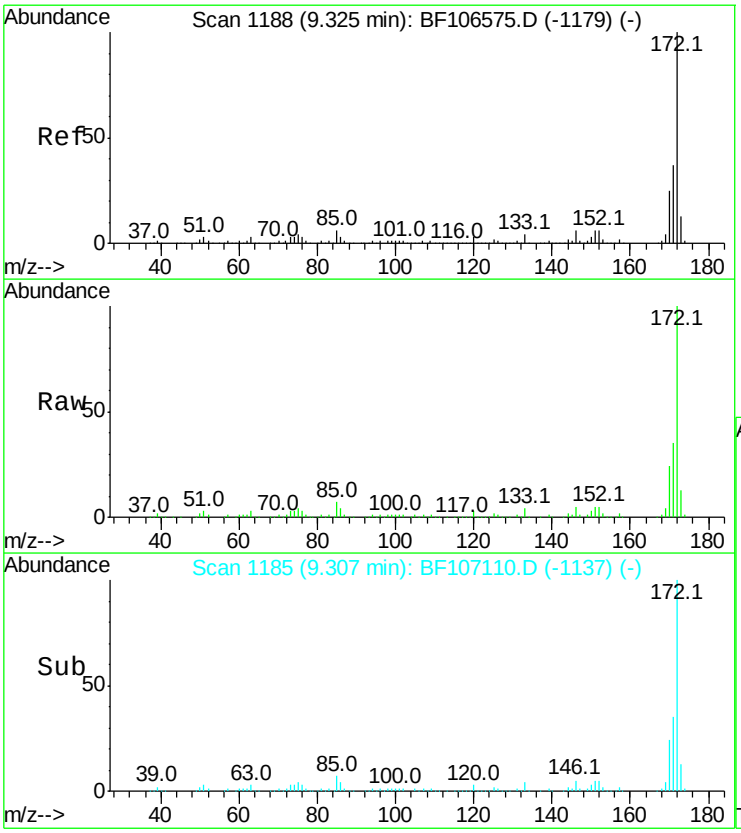
#41
2,4,6-Tribromophenol
Concen: 89.883 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Instrument :
BNA_F
ClientSampleId :
161-CURB

Tgt Ion:330 Resp: 82087

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	23.3	29.9	44.9#

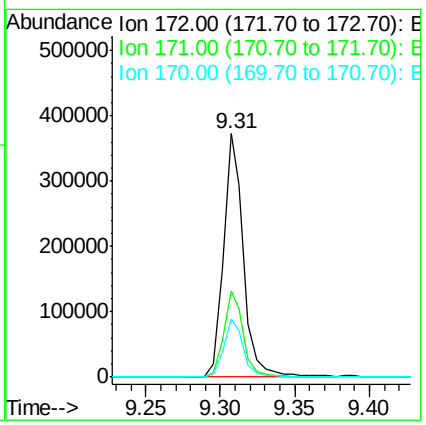


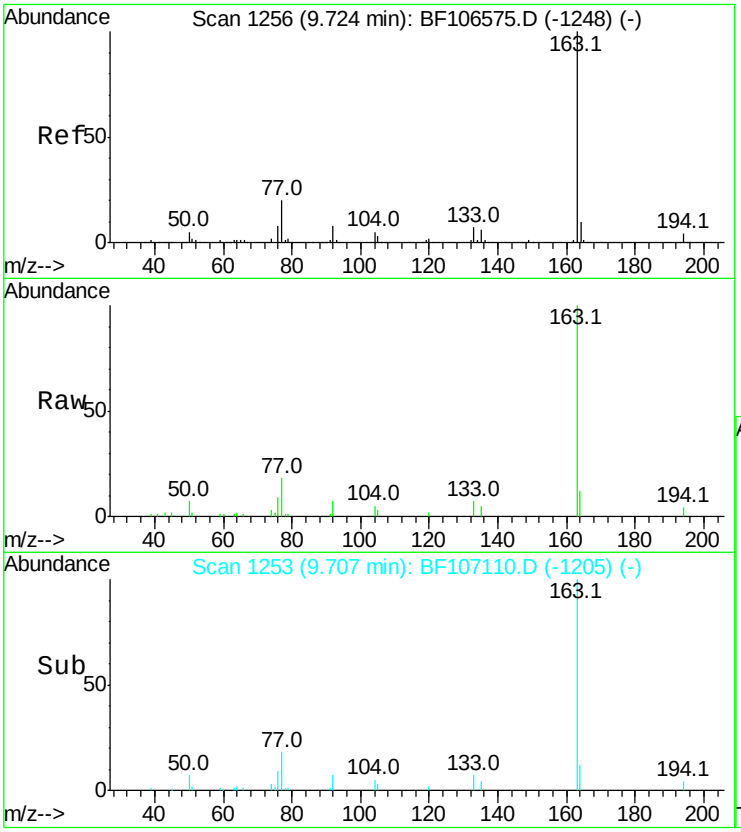


#44
2-Fluorobiphenyl
Concen: 73.970 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Tgt Ion:172 Resp: 353261

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.8	19.6	29.4



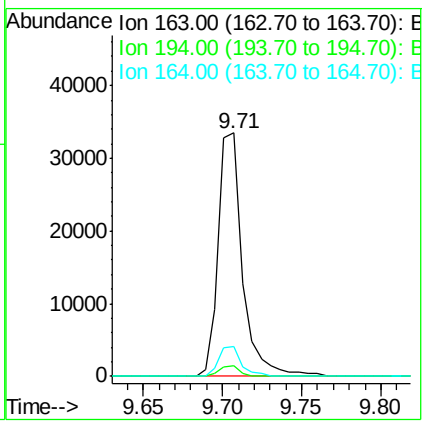


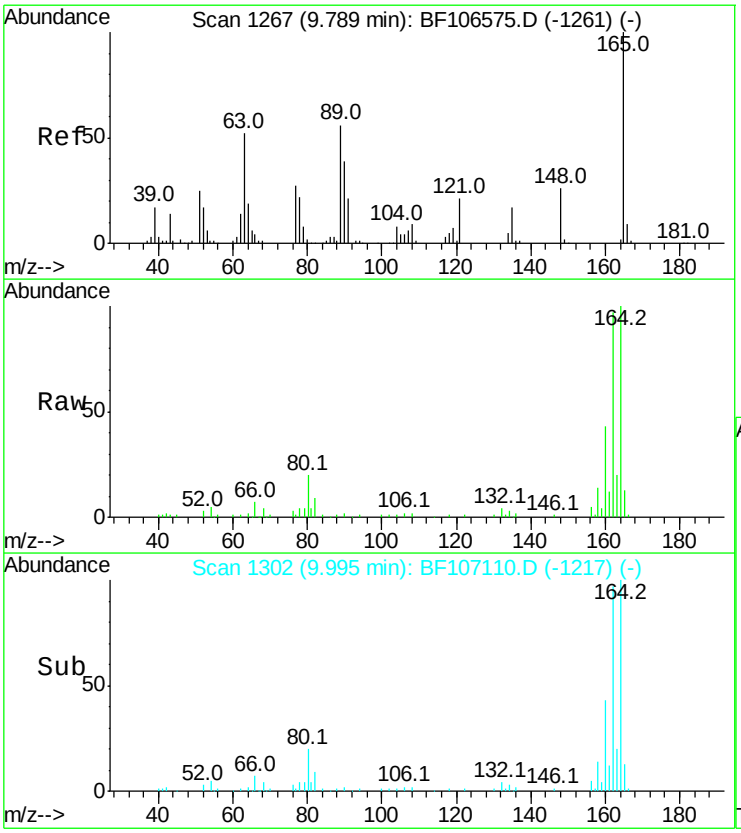
#49
Dimethylphthalate
Concen: 6.017 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Instrument :
BNA_F
ClientSampleId :
161-CURB

Tgt Ion:163 Resp: 35561

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	12.4	8.2	12.2#

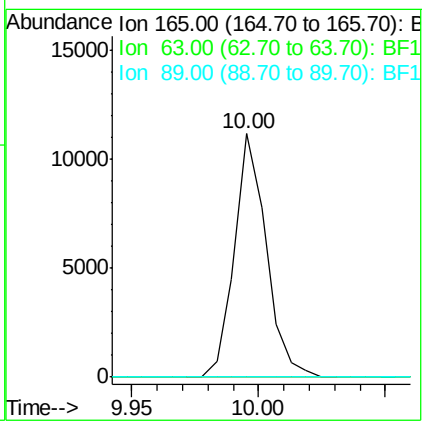


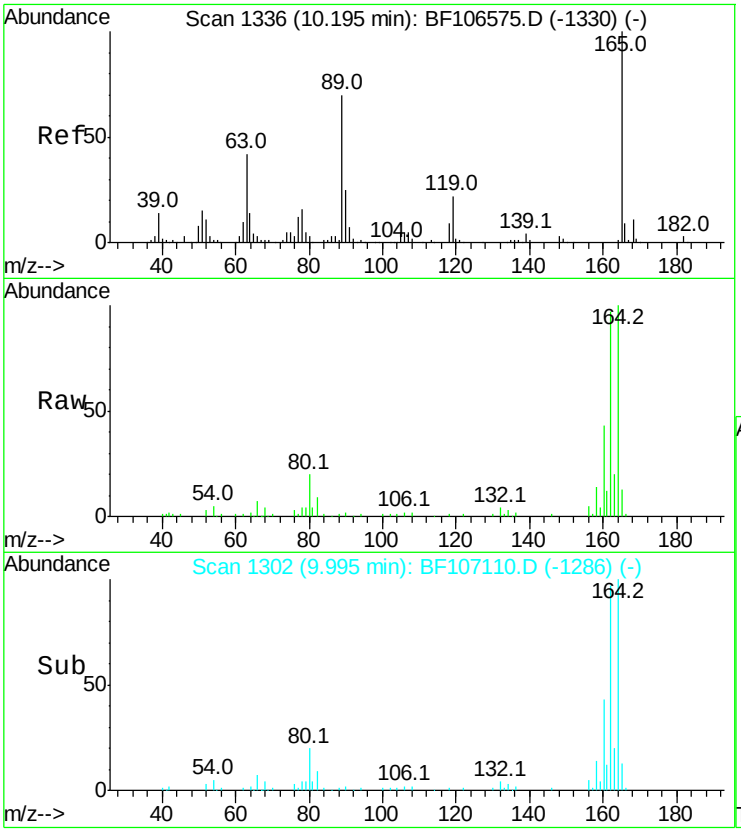


#50
2,6-Dinitrotoluene
Concen: 7.765 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Tgt Ion:165 Resp: 9717

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



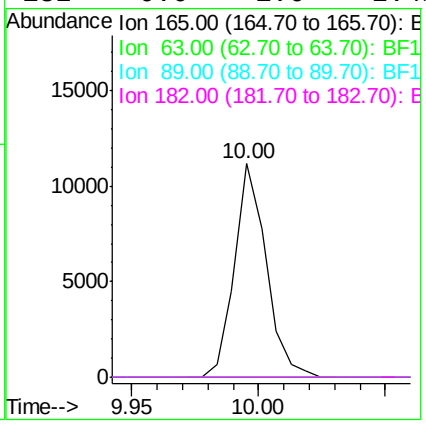


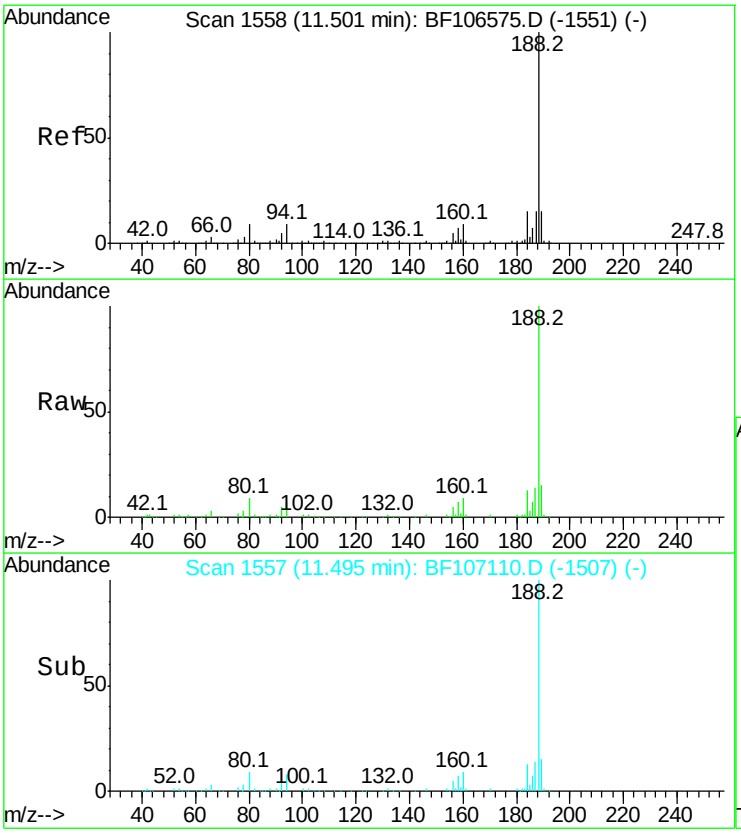
#56
2,4-Dinitrotoluene
Concen: 5.949 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Instrument :
BNA_F
ClientSampleId :
161-CURB

Tgt Ion:165 Resp: 9717

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#

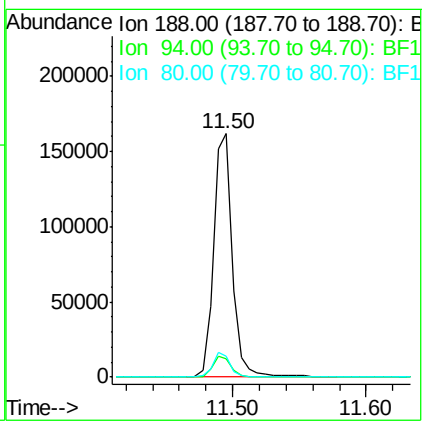


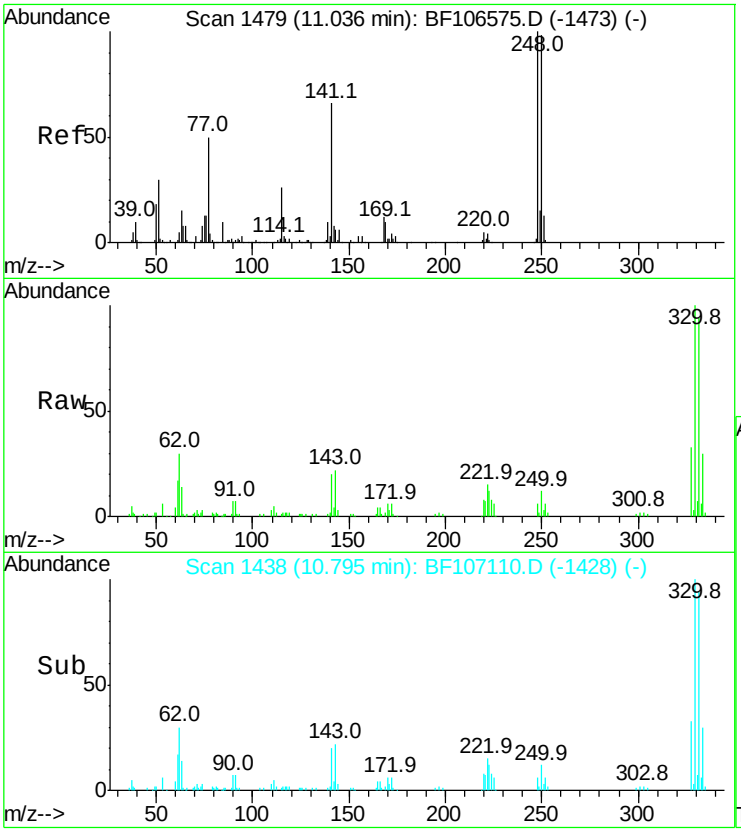


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Tgt Ion:188 Resp: 158850

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.7	9.2	13.8#



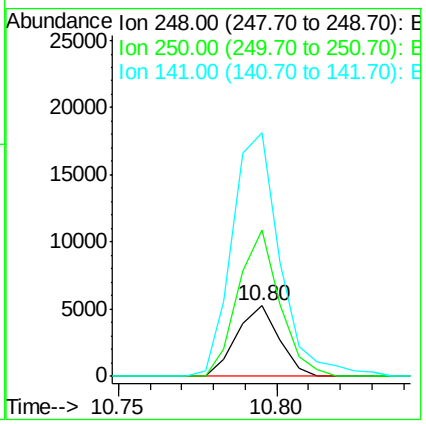


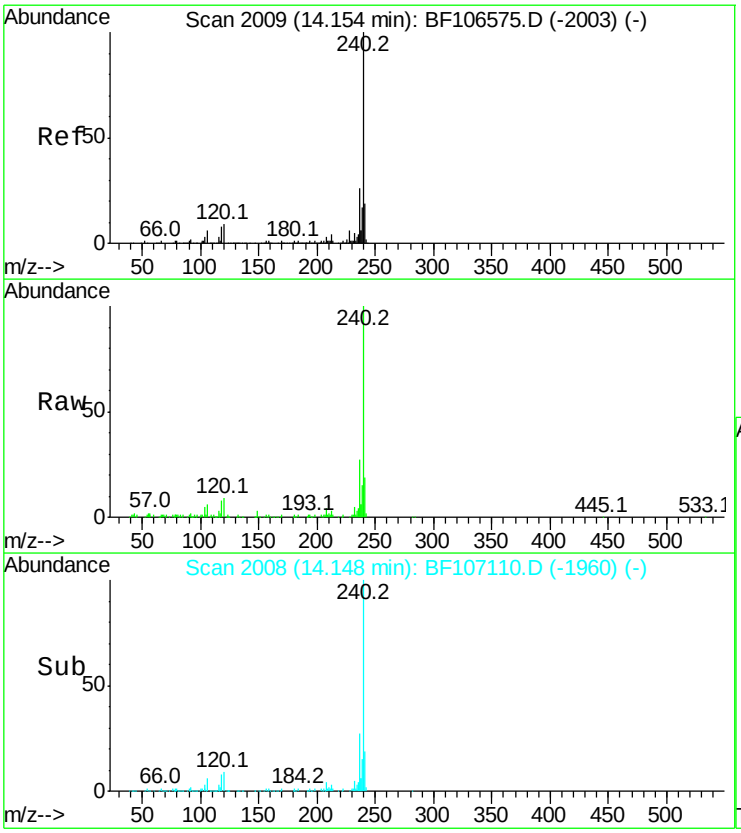
#66
4-Bromophenyl-phenylether
Concen: 2.560 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Instrument :
BNA_F
ClientSampleId :
161-CURB

Tgt Ion:248 Resp: 4854

Ion	Ratio	Lower	Upper
248	100		
250	206.9	76.9	115.3#
141	344.1	74.4	111.6#

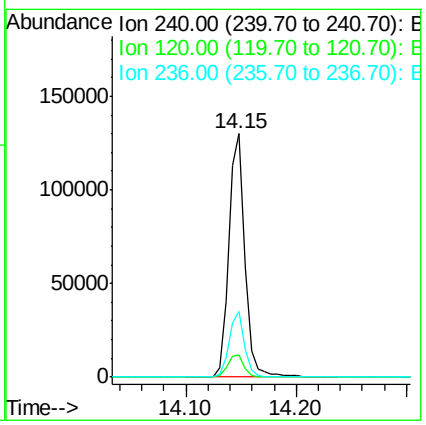


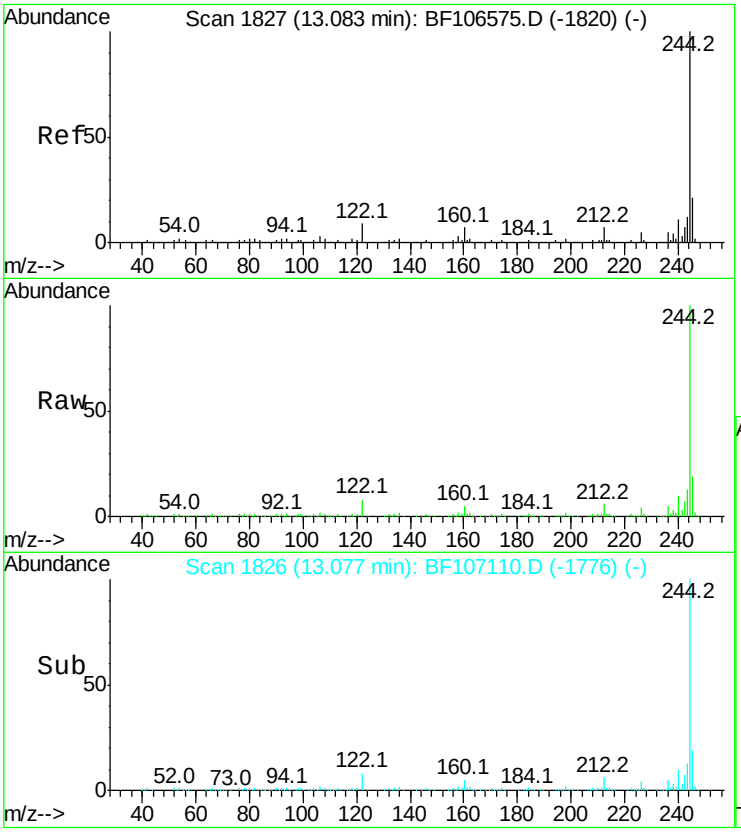


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Tgt Ion:240 Resp: 132727

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	26.9	20.7	31.1



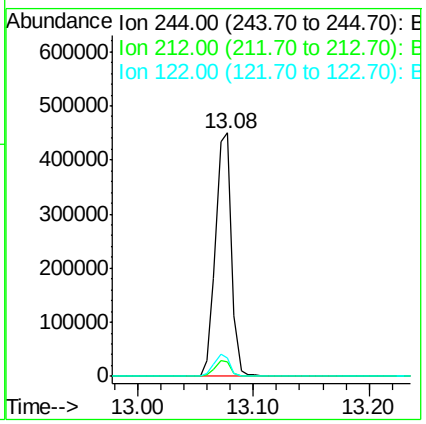


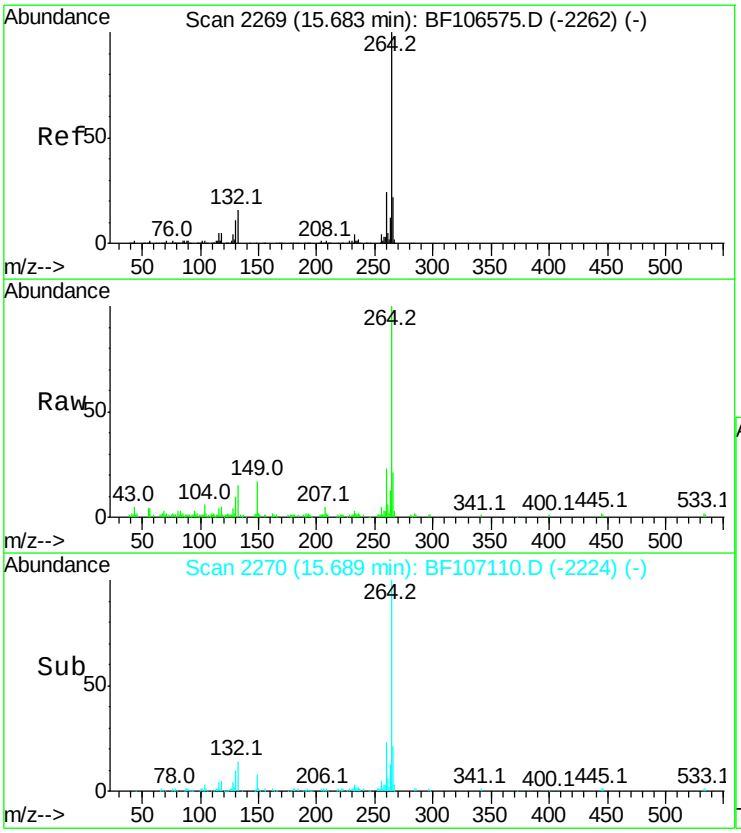
#78
Terphenyl-d14
Concen: 79.350 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Instrument :
BNA_F
ClientSampleId :
161-CURB

Tgt Ion:244 Resp: 434787

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	7.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107110.D
Acq: 4 Jul 2018 4:51

Tgt Ion:264 Resp: 99132

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	17.5	26.3