Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
Data File : BF107642.D
Acq On : 25 Jul 2018 3:32
Operator : JU/SJ
Sample : J4120-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 25 07:50:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	276419	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	1021532	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	397052	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	683390	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	511995	20.00	ng	-0.01
86) Perylene-d12	15.69	264	429363	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1502463	87.39	ng	0.00
7) Phenol-d6	6.61	99	1821672	88.24	ng	0.00
23) Nitrobenzene-d5	7.53	82	1117453	73.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	372205	82.44	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1839513	77.41	ng	-0.01
78) Terphenyl-d14	13.09	244	1481566	74.08	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	142471	10.683	ng	# 80
25) Isophorone	7.53	82	1117448	34.575	ng	# 64
49) Dimethylphthalate	9.71	163	102023	3.409	ng	98
50) 2,6-Dinitrotoluene	10.01	165	50694	8.533	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	51064	7.120	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	429	8.787	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	22330	2.776	ng	# 1
73) Di-n-butylphthalate	12.05	149	3029	Below Cal		# 84

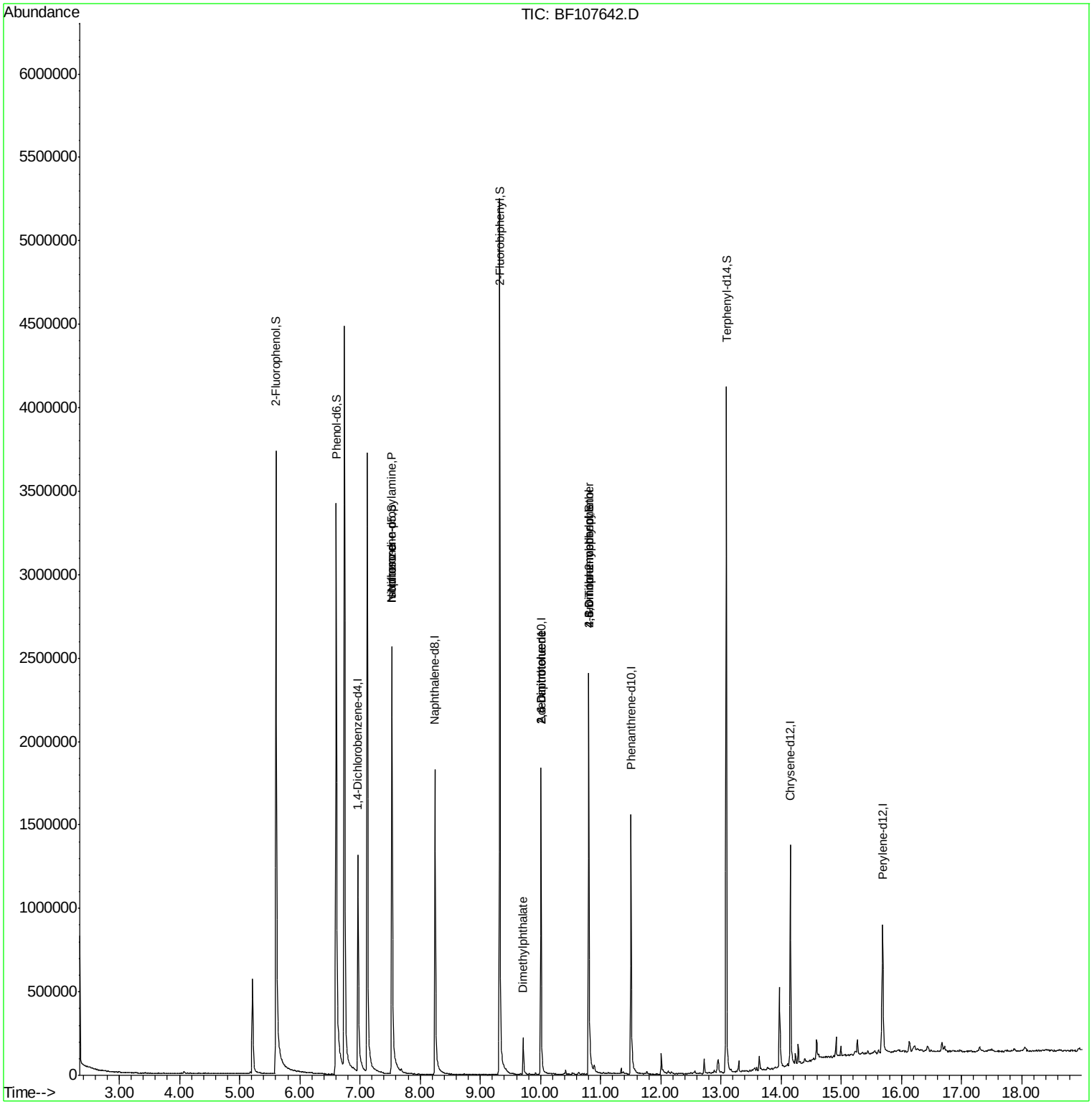
(#) = qualifier out of range (m) = manual integration (+) = signals summed

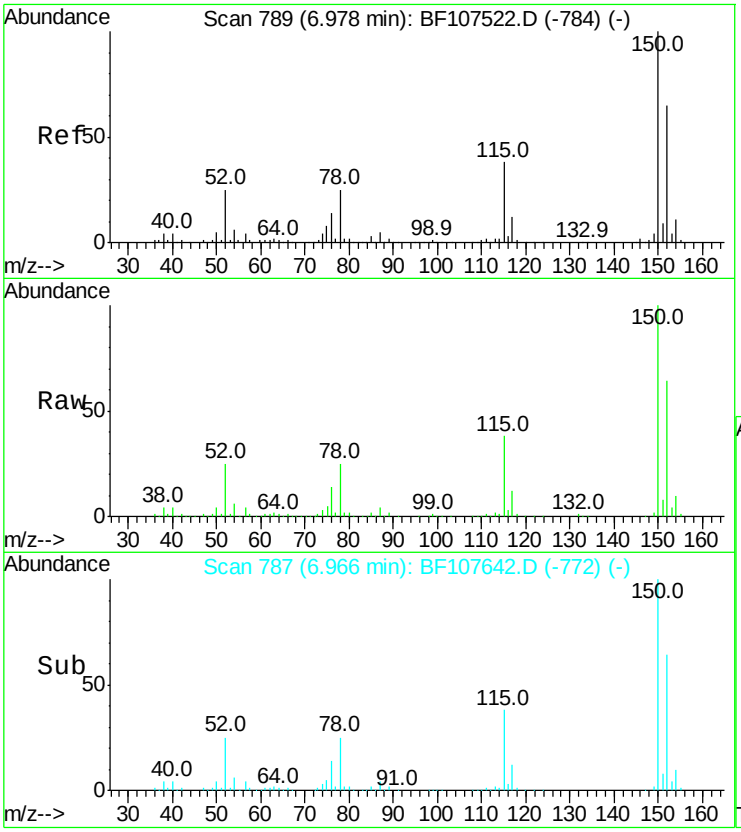
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
Data File : BF107642.D
Acq On : 25 Jul 2018 3:32
Operator : JU/SJ
Sample : J4120-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 25 07:50:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



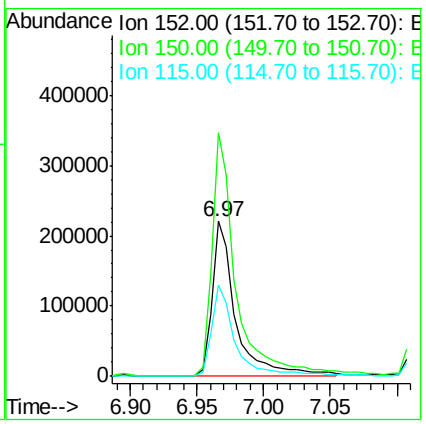


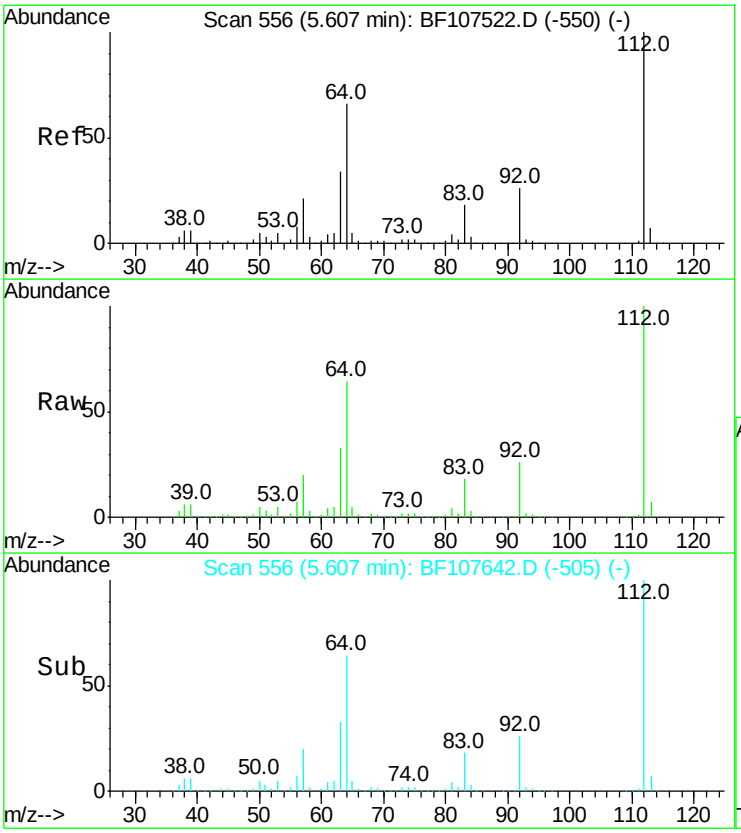
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 276419

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	58.9	50.1	75.1

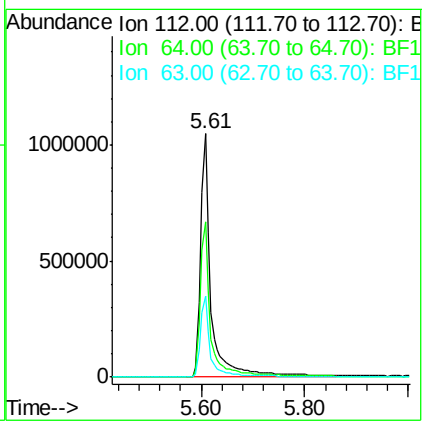


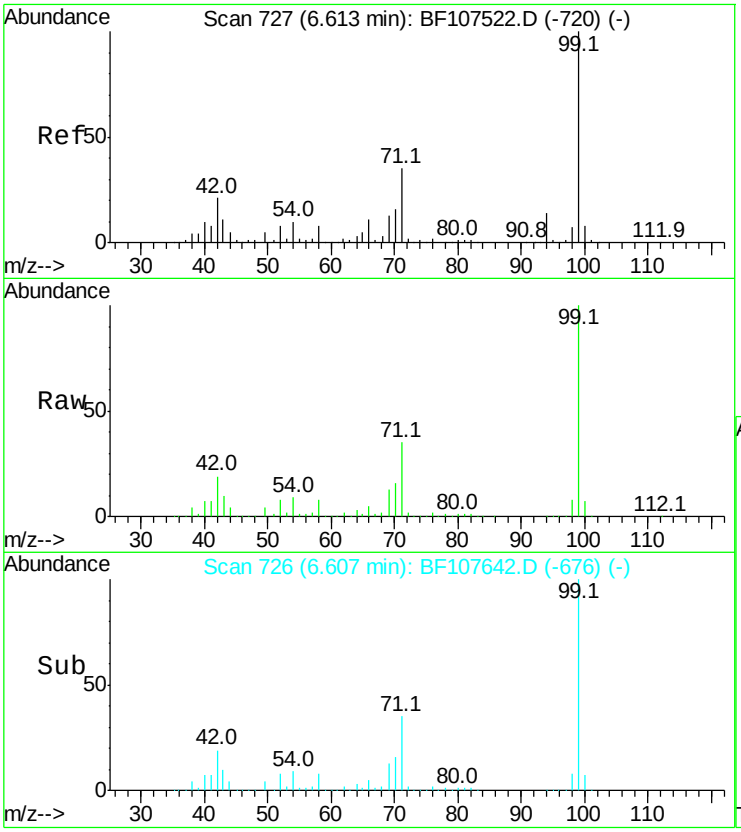


#5
2-Fluorophenol
Concen: 87.392 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Tgt Ion:112 Resp: 1502463

Ion	Ratio	Lower	Upper
112	100		
64	63.6	47.9	71.9
63	33.3	23.7	35.5



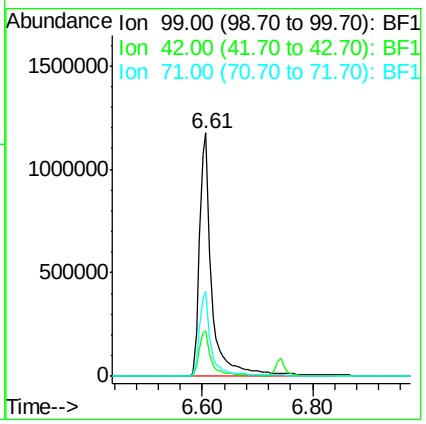


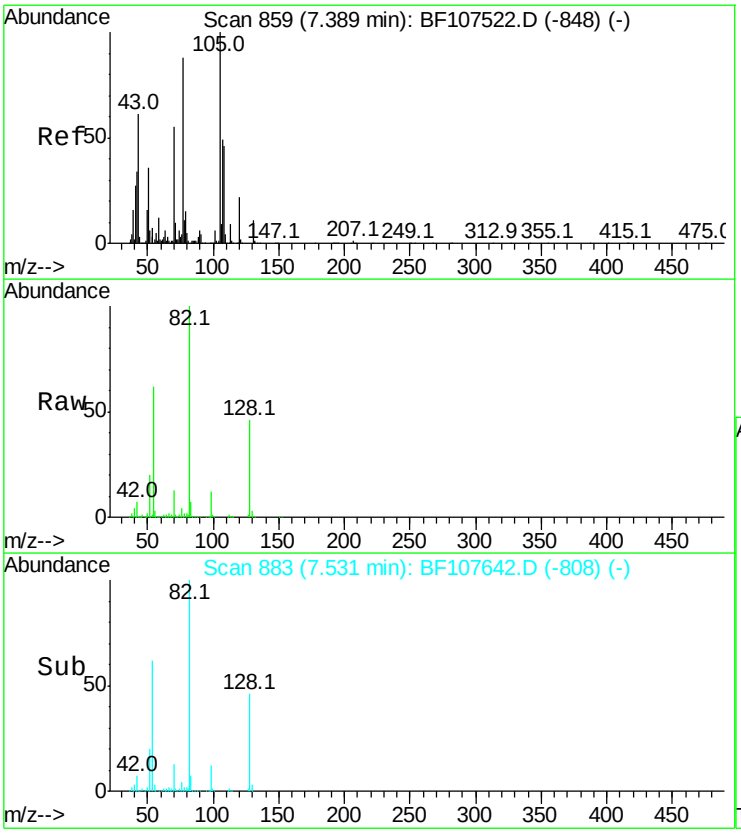
#7
Phenol-d6
Concen: 88.245 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1821672

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	34.7	25.4	38.0

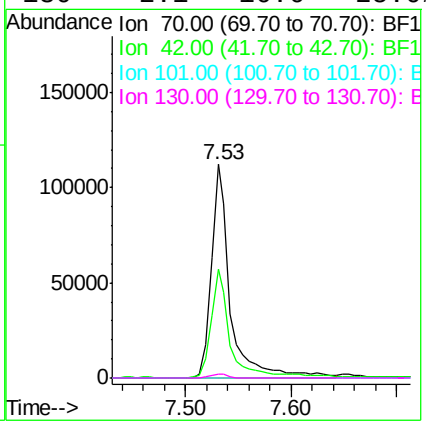


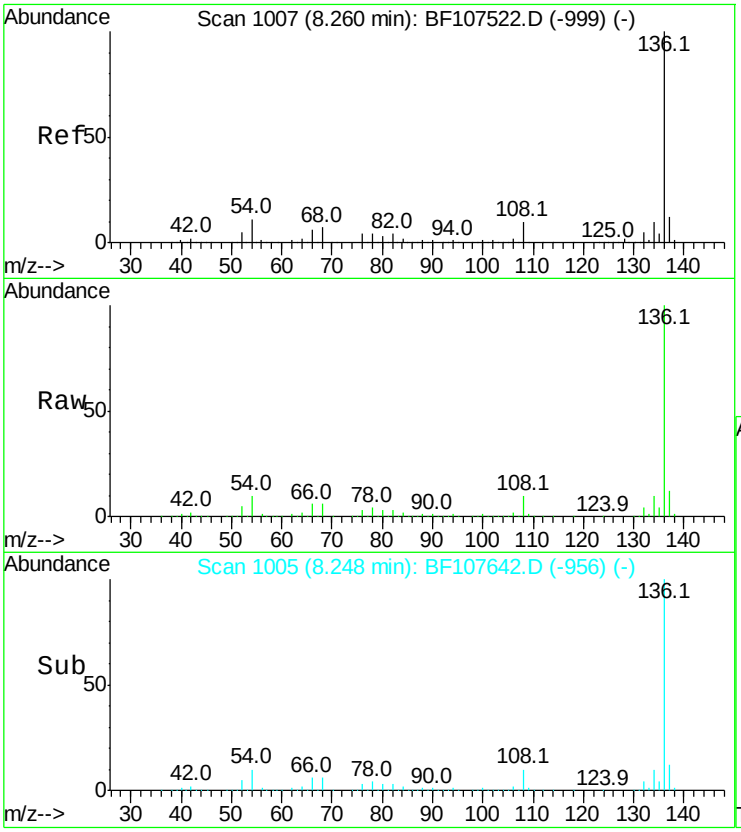


#19
n-Nitroso-di-n-propylamine
Concen: 10.683 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Tgt Ion: 70 Resp: 142471

Ion	Ratio	Lower	Upper
70	100		
42	50.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



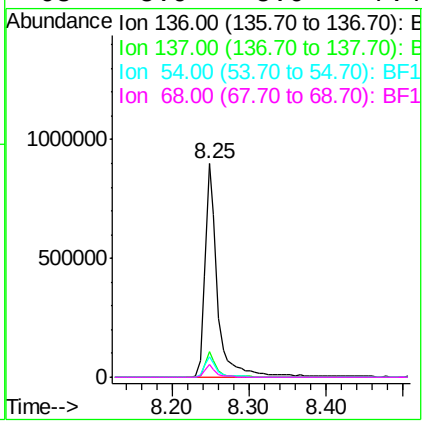


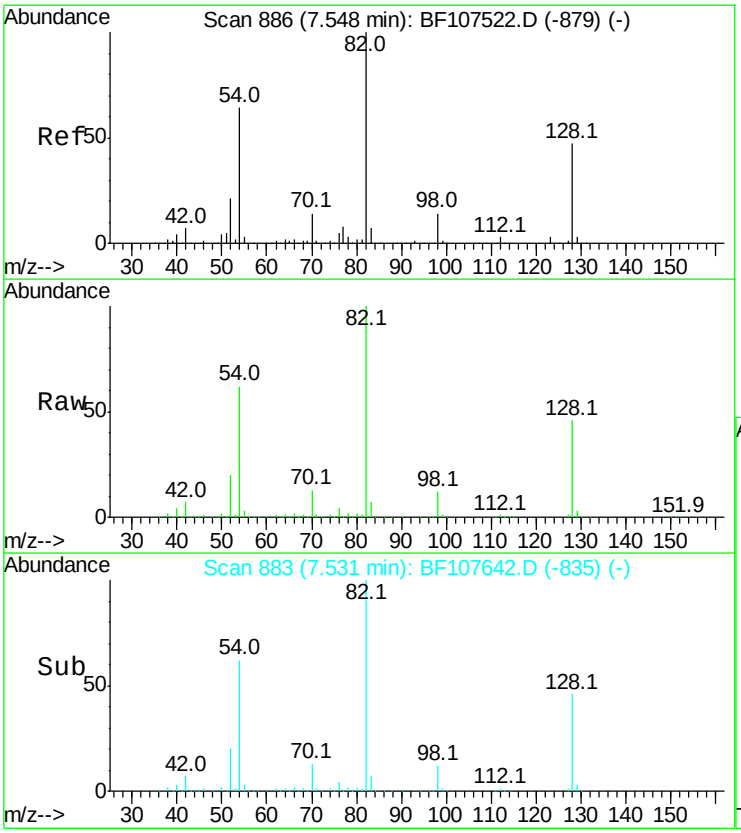
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1021532

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.9	13.3
54	9.6	6.6	9.8
68	5.9	5.0	7.4

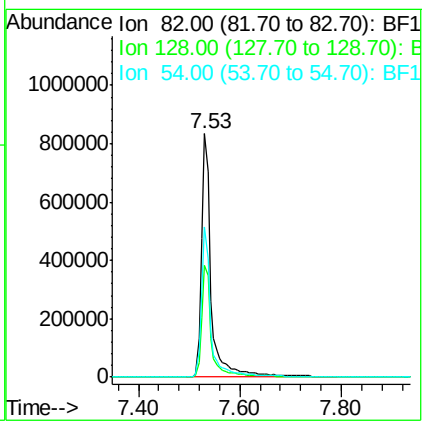


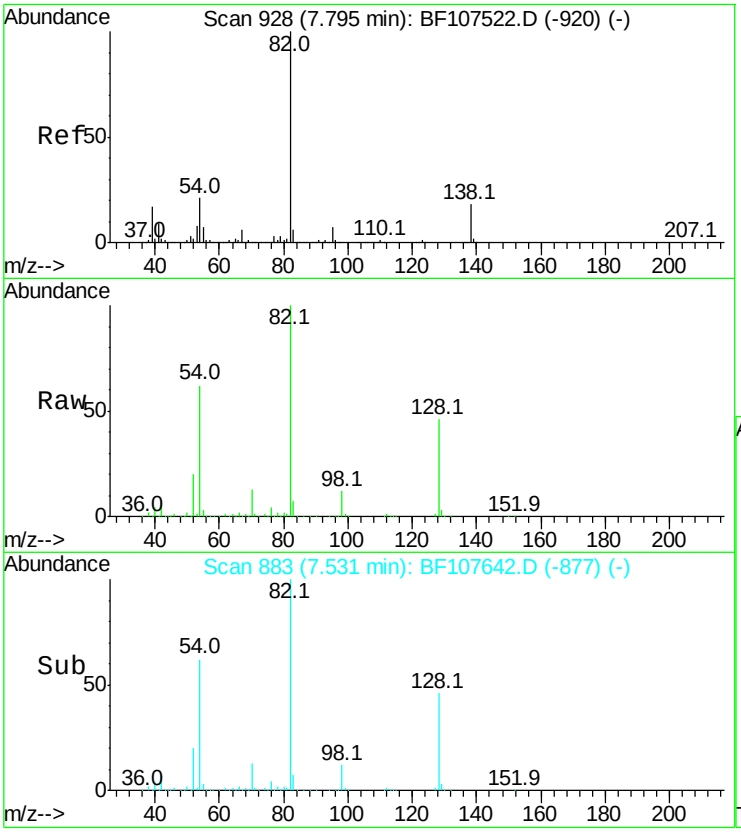


#23
Nitrobenzene-d5
Concen: 73.825 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Tgt Ion: 82 Resp: 1117453

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	61.6	41.4	62.2



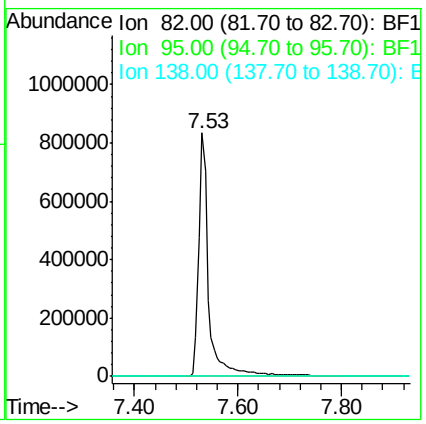


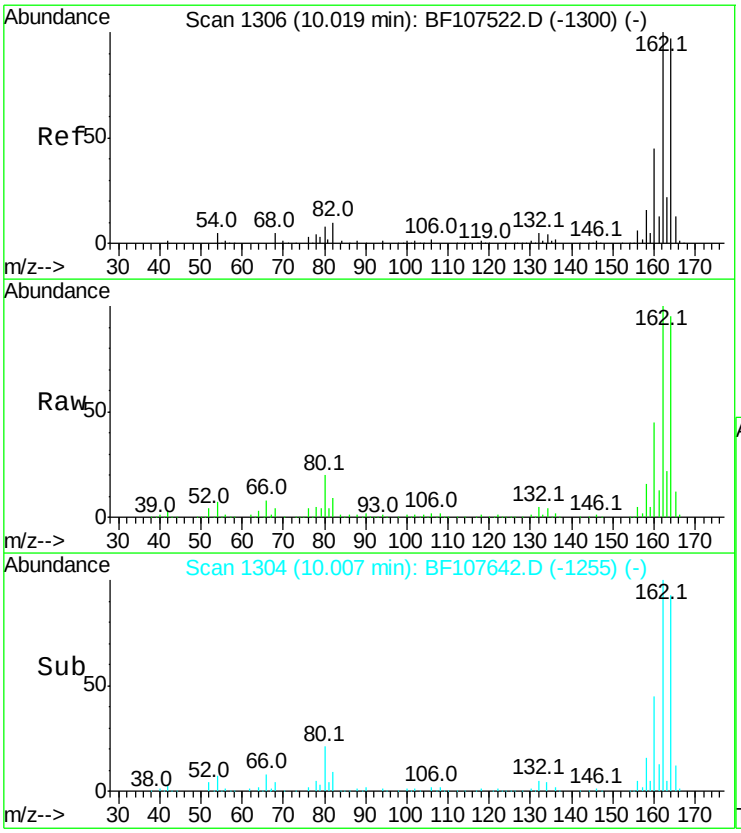
#25
Isophorone
Concen: 34.575 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1117448

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

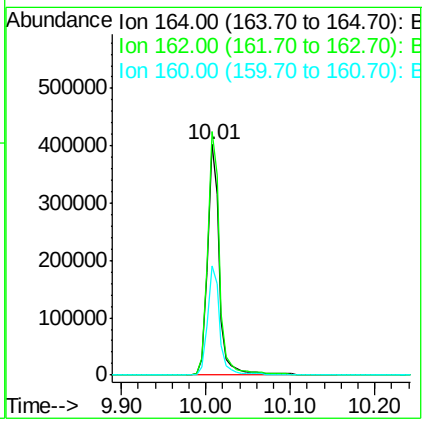


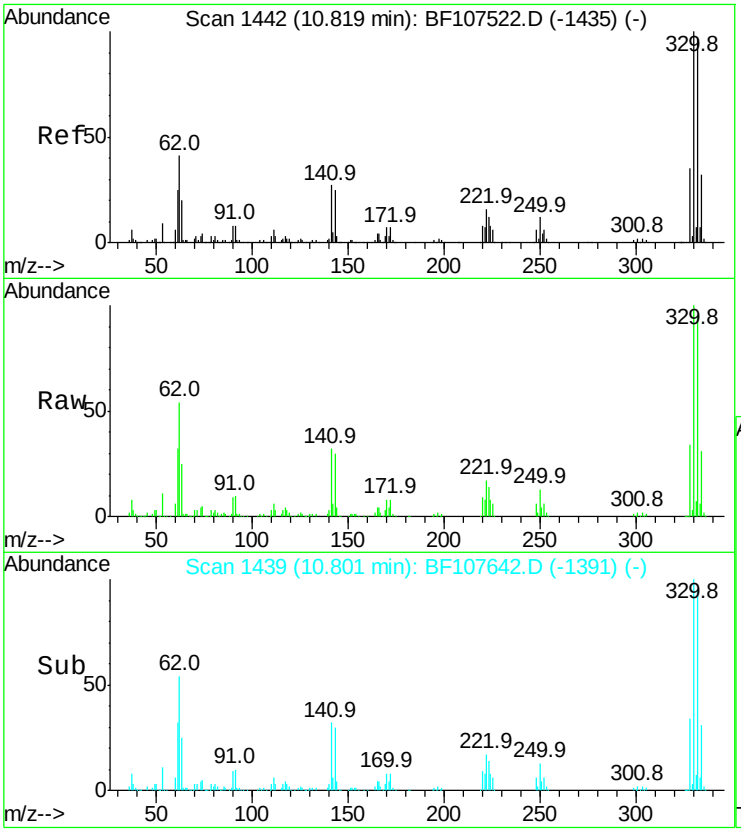


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Tgt Ion:164 Resp: 397052

Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	47.6	38.3	57.5



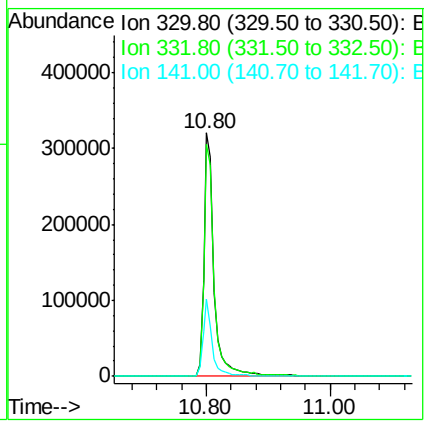


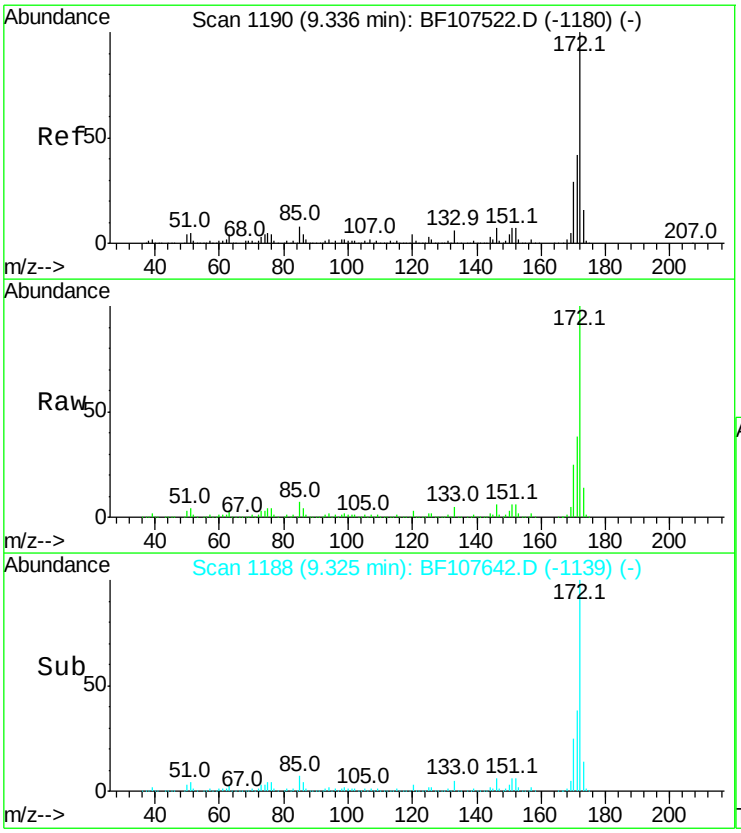
#41
2,4,6-Tribromophenol
Concen: 82.436 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 372205

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	28.9	29.9	44.9#

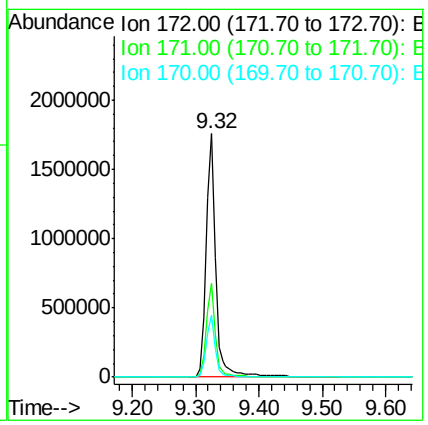


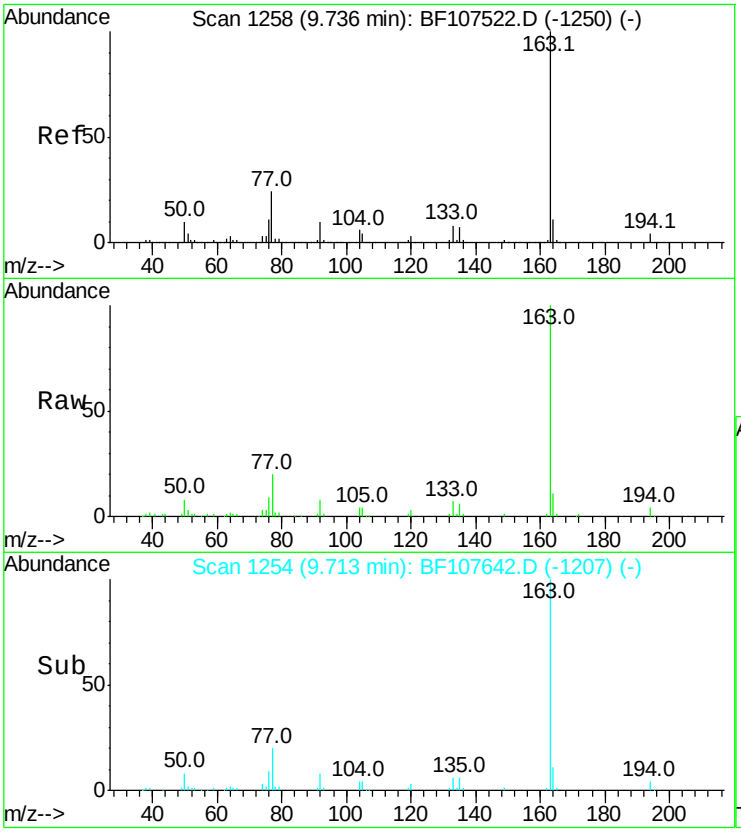


#44
2-Fluorobiphenyl
Concen: 77.414 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Tgt Ion:172 Resp: 1839513

Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.7	44.5
170	25.5	19.6	29.4



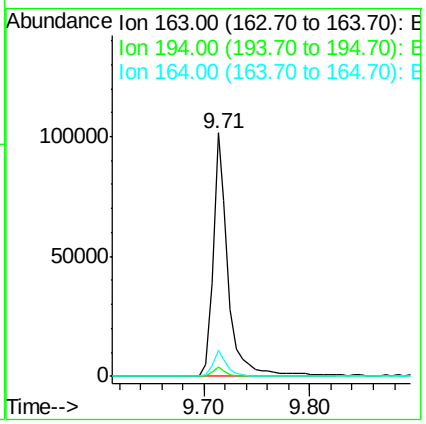


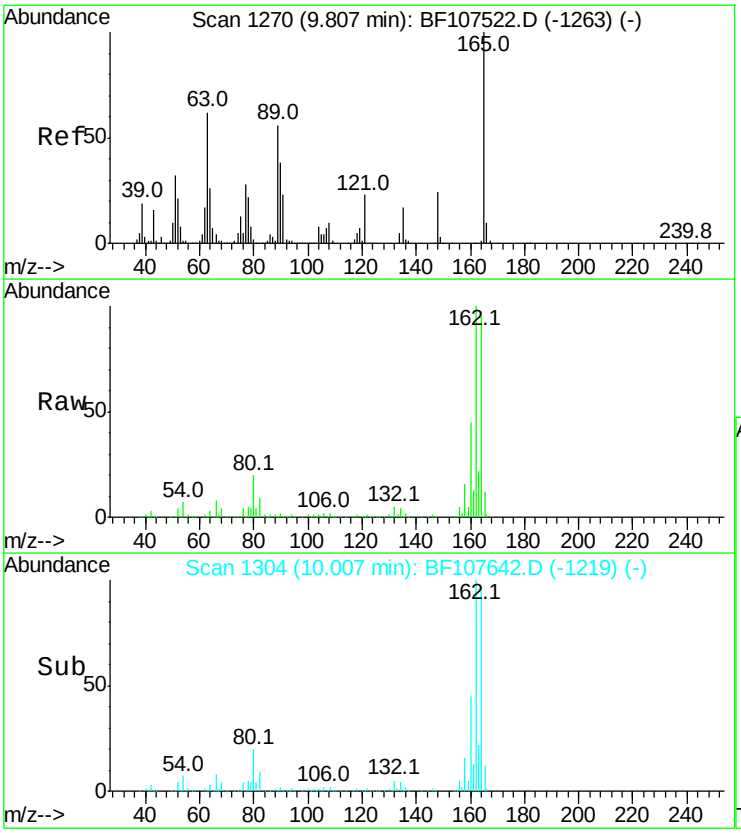
#49
Dimethylphthalate
Concen: 3.409 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 102023

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.9	8.2	12.2

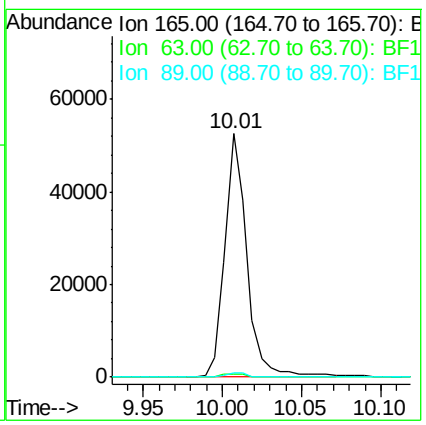


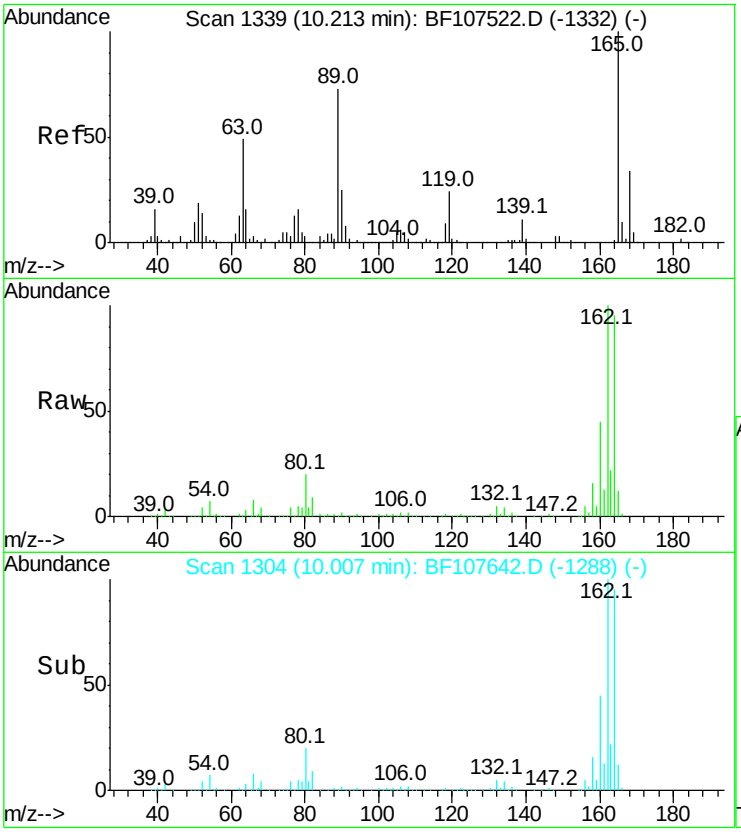


#50
2,6-Dinitrotoluene
Concen: 8.533 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Tgt Ion:165 Resp: 50694

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.6	44.0	66.0#



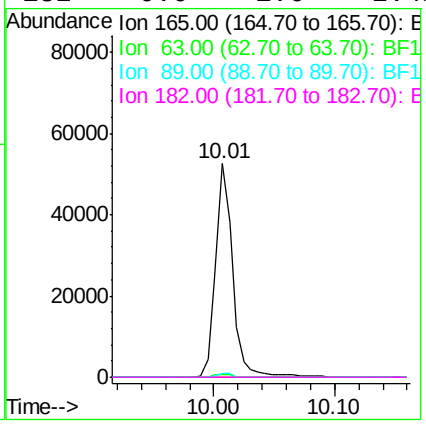


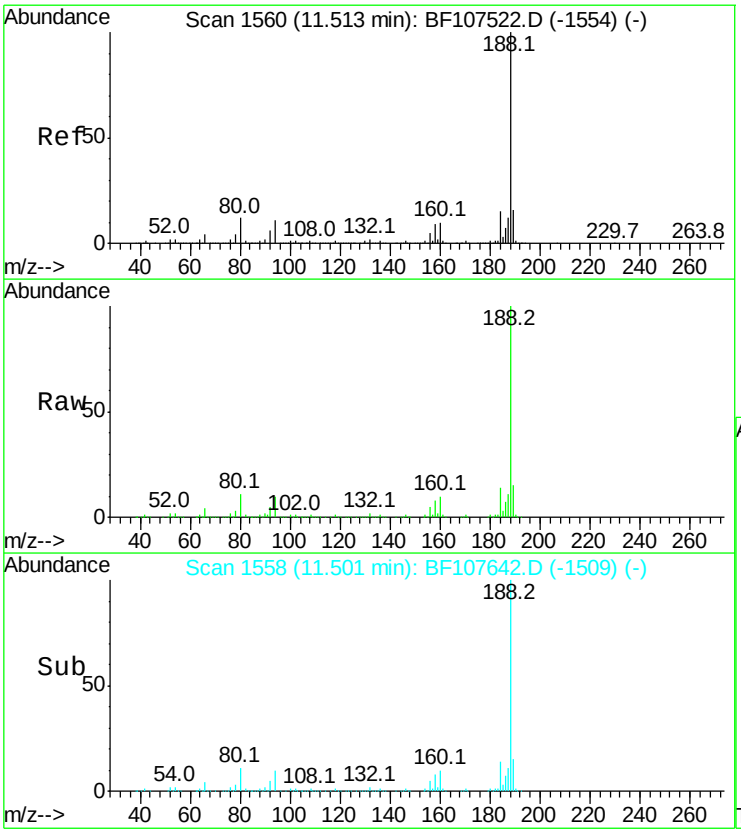
#56
2,4-Dinitrotoluene
Concen: 7.120 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 51064

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

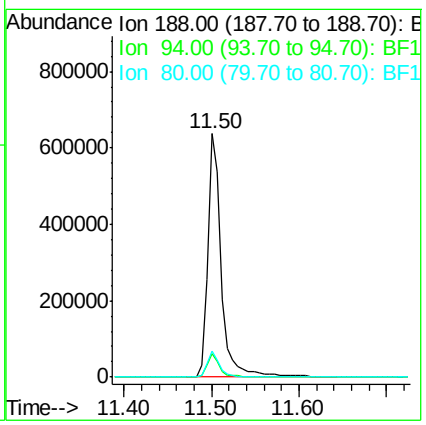


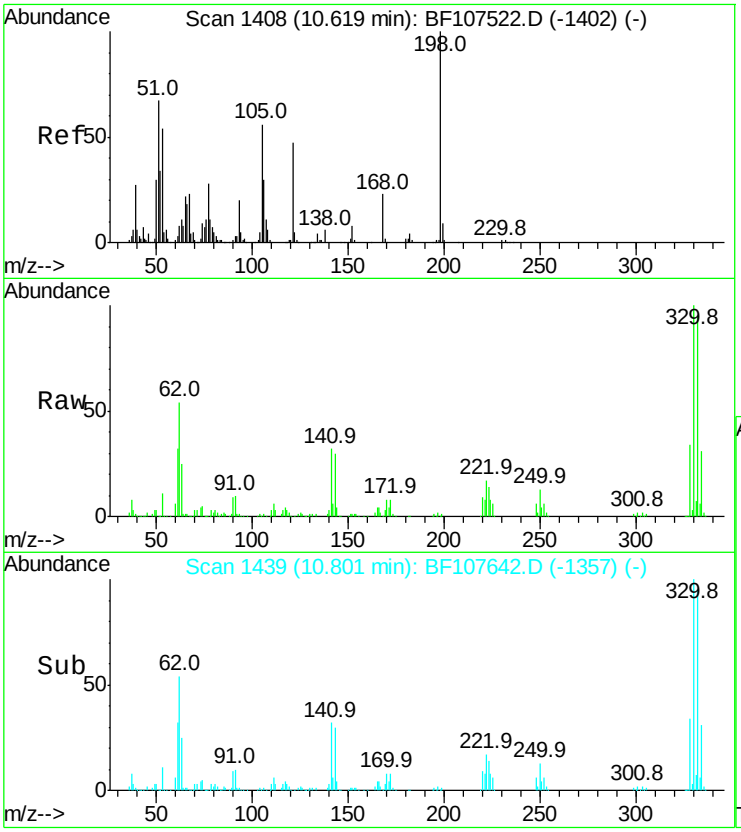


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Tgt Ion:188 Resp: 683390

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.7	9.2	13.8



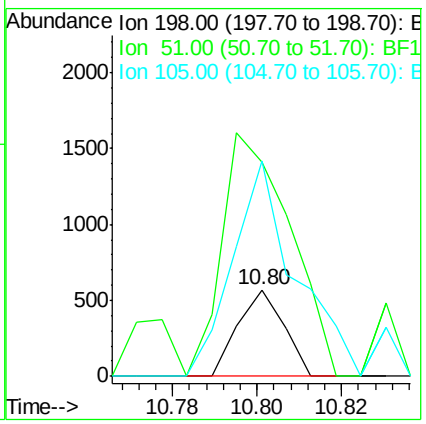


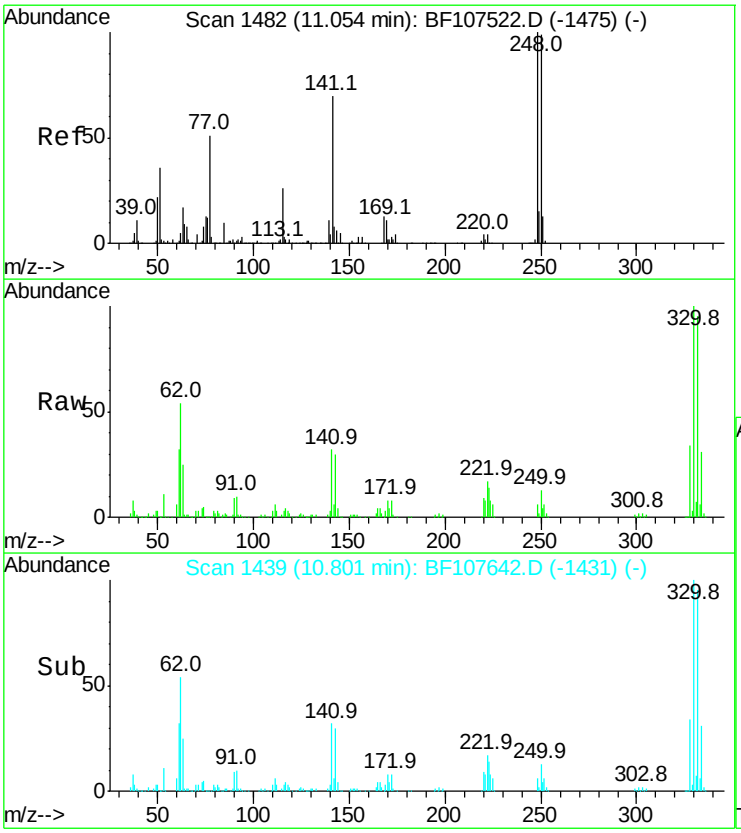
#64
4,6-Dinitro-2-methylphenol
Concen: 8.787 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.18 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 429

Ion	Ratio	Lower	Upper
198	100		
51	248.4	37.7	77.7#
105	249.6	36.3	76.3#

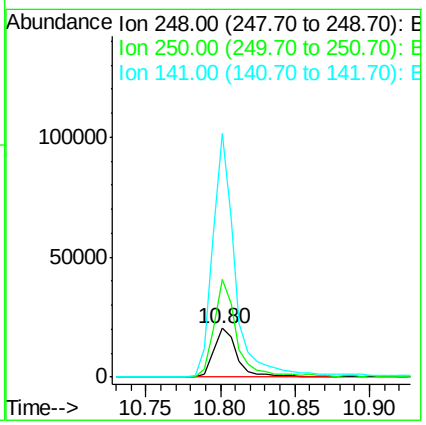


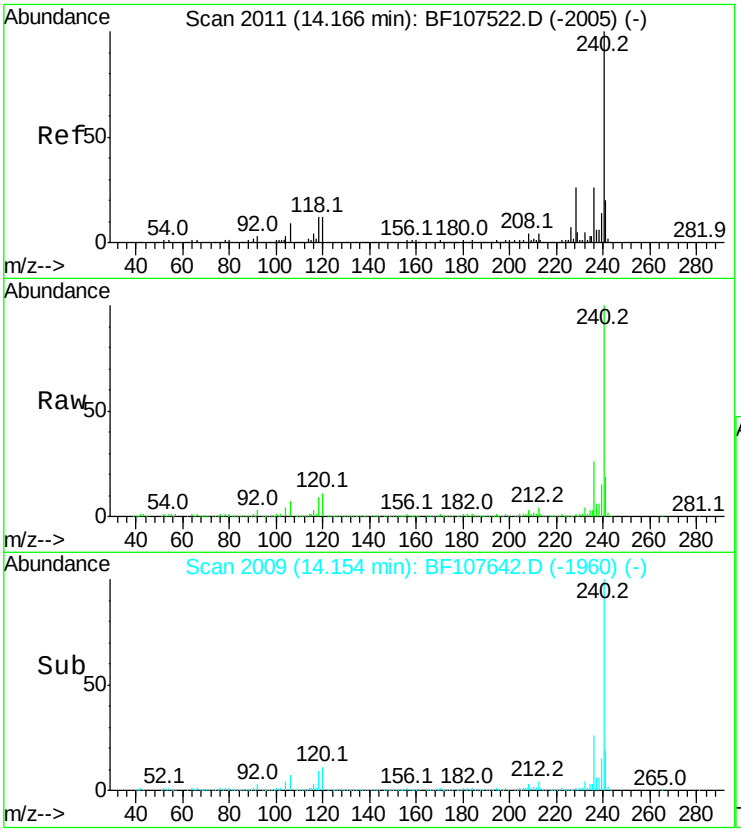


#66
4-Bromophenyl-phenylether
Concen: 2.776 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Tgt Ion:248 Resp: 22330

Ion	Ratio	Lower	Upper
248	100		
250	201.0	76.9	115.3#
141	502.8	74.4	111.6#



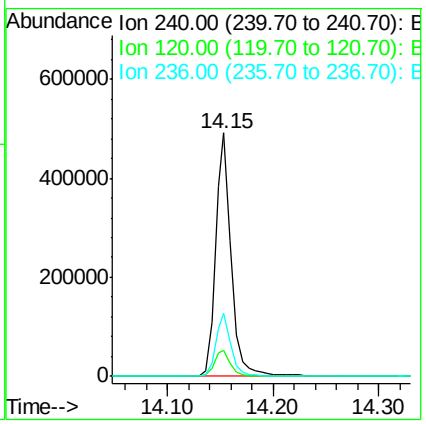


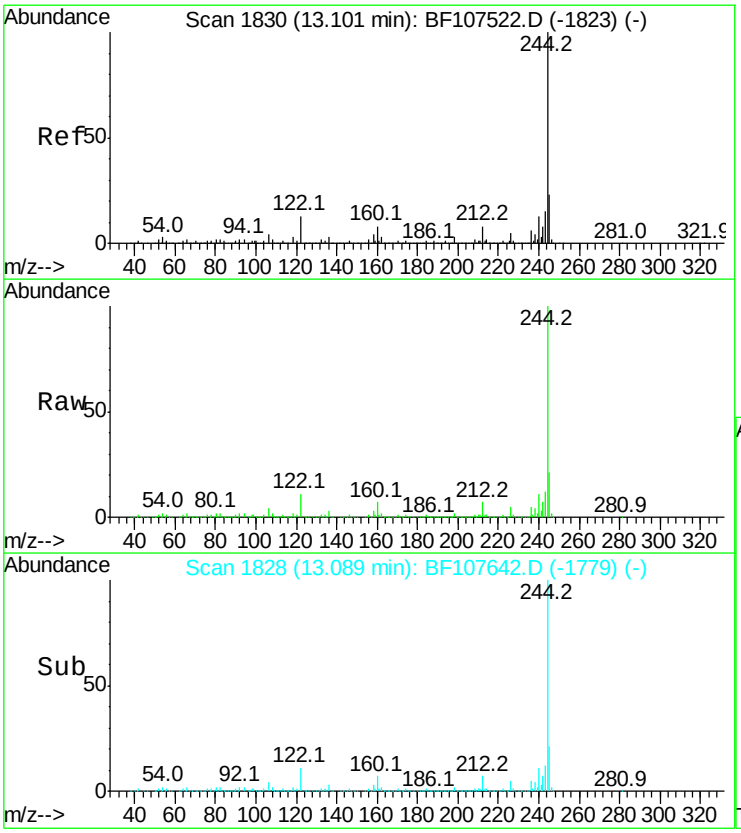
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 511995

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	26.2	20.7	31.1

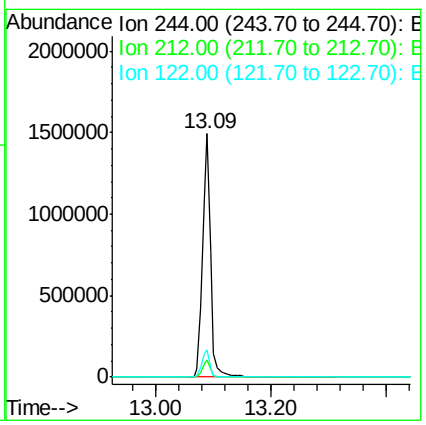


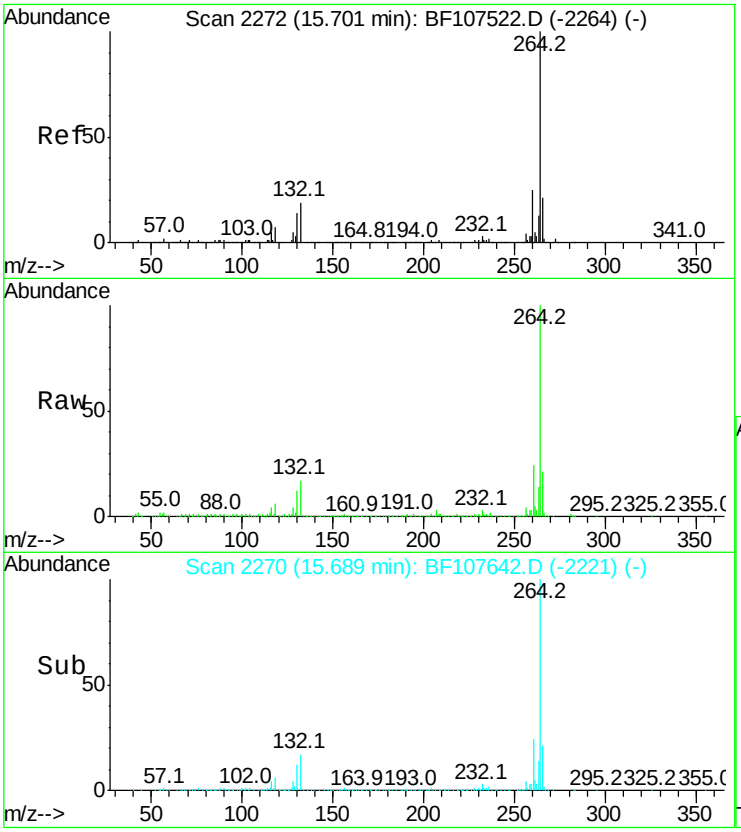


#78
Terphenyl-d14
Concen: 74.082 ng
RT: 13.09 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Tgt Ion:244 Resp: 1481566

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107642.D
Acq: 25 Jul 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 429363

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.3	17.5	26.3