Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
Data File : BF107752.D
Acq On : 27 Jul 2018 18:07
Operator : JU/SJ
Sample : J4189-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12-S

Quant Time: Jul 28 01:16:06 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	6.96	152	157766	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	649671	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	281355	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	521262	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	449058	20.00	ng	-0.02
86) Perylene-d12	15.68	264	441070	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	690113	70.33	ng	-0.01
7) Phenol-d6	6.60	99	963330	81.76	ng	-0.02
23) Nitrobenzene-d5	7.52	82	600697	62.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	252491	78.92	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1084897	60.89	ng	-0.02
78) Terphenyl-d14	13.08	244	918766	52.38	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	71441	9.386	ng	# 80
25) Isophorone	7.52	82	601751	29.276	ng	# 64
49) Dimethylphthalate	9.71	163	92206	4.348	ng	99
50) 2,6-Dinitrotoluene	10.00	165	34192	8.122	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	34192	6.728	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.80	198	116	8.718	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14042	2.288	ng	# 1
73) Di-n-butylphthalate	12.04	149	14743	Below Cal		# 98
81) 3,3'-Dichlorobenzidine	14.09	252	112	Below Cal		# 27

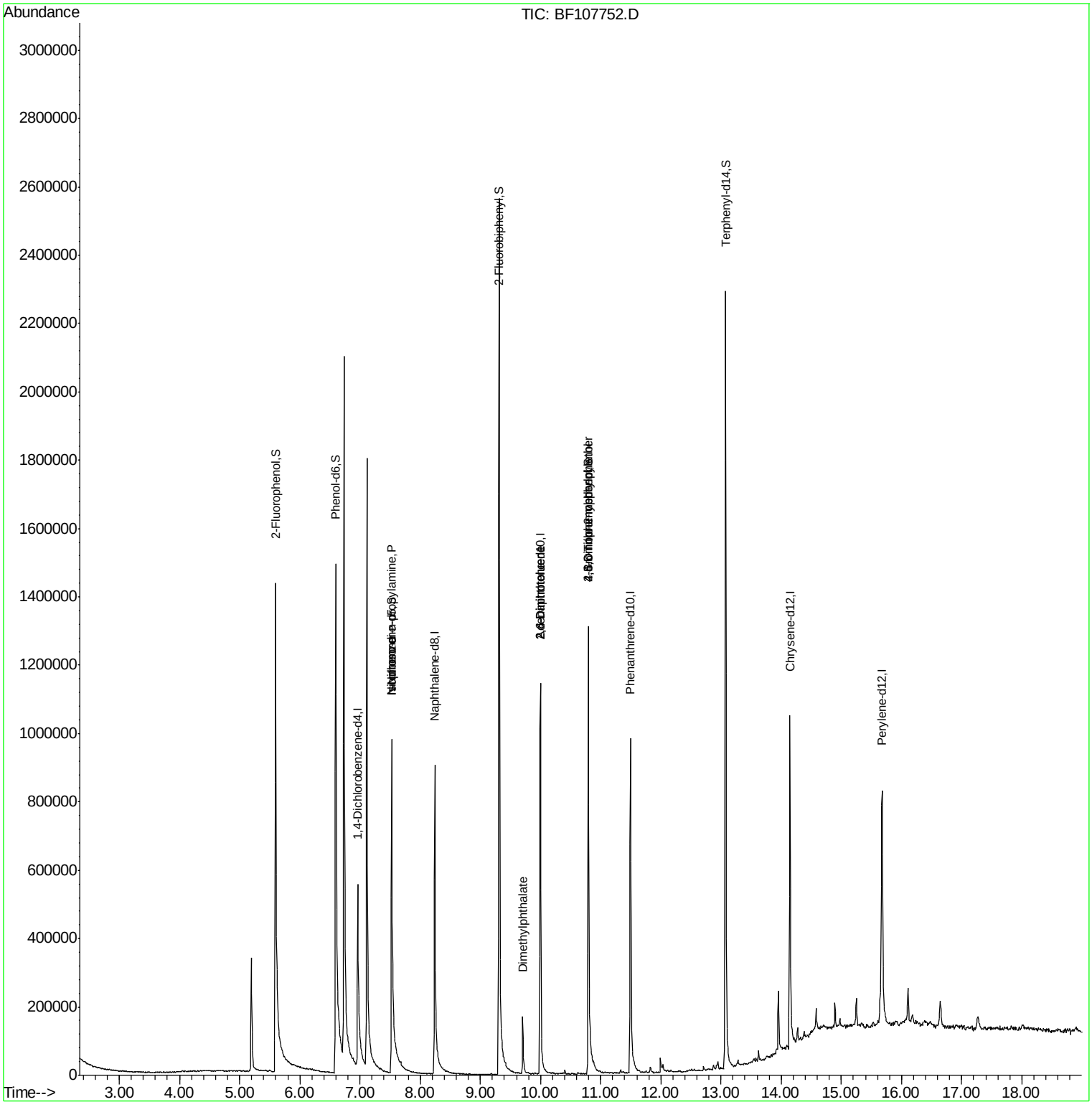
(#) = qualifier out of range (m) = manual integration (+) = signals summed

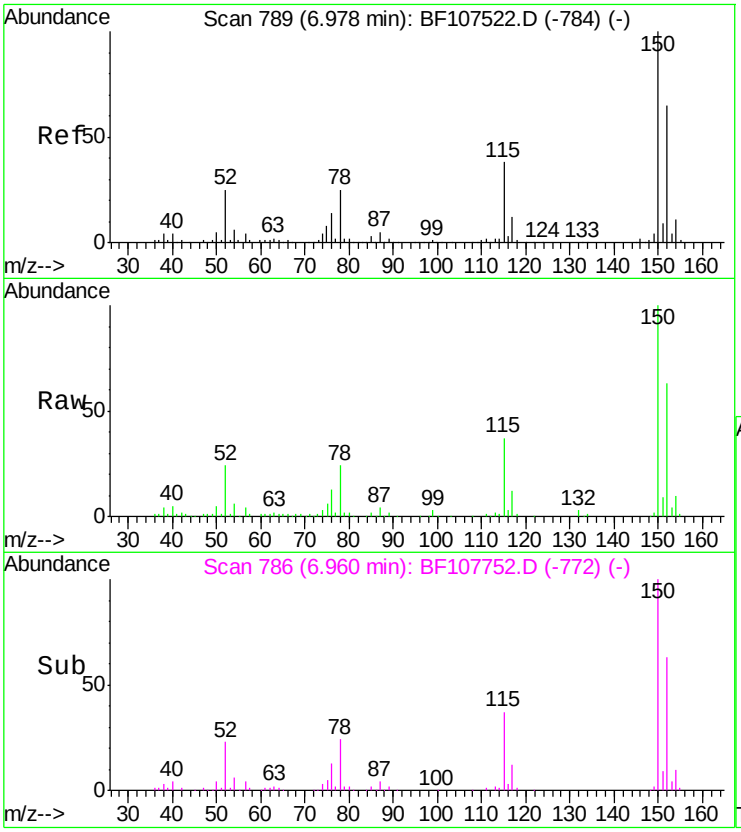
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
Data File : BF107752.D
Acq On : 27 Jul 2018 18:07
Operator : JU/SJ
Sample : J4189-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Quant Time: Jul 28 01:16:06 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



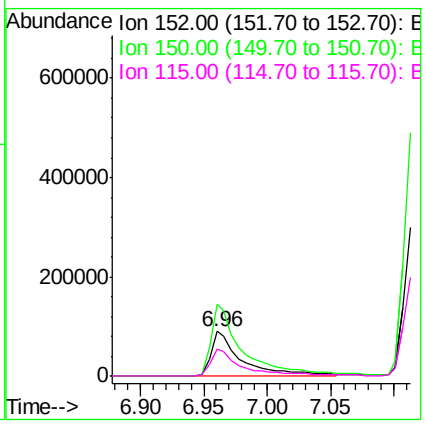


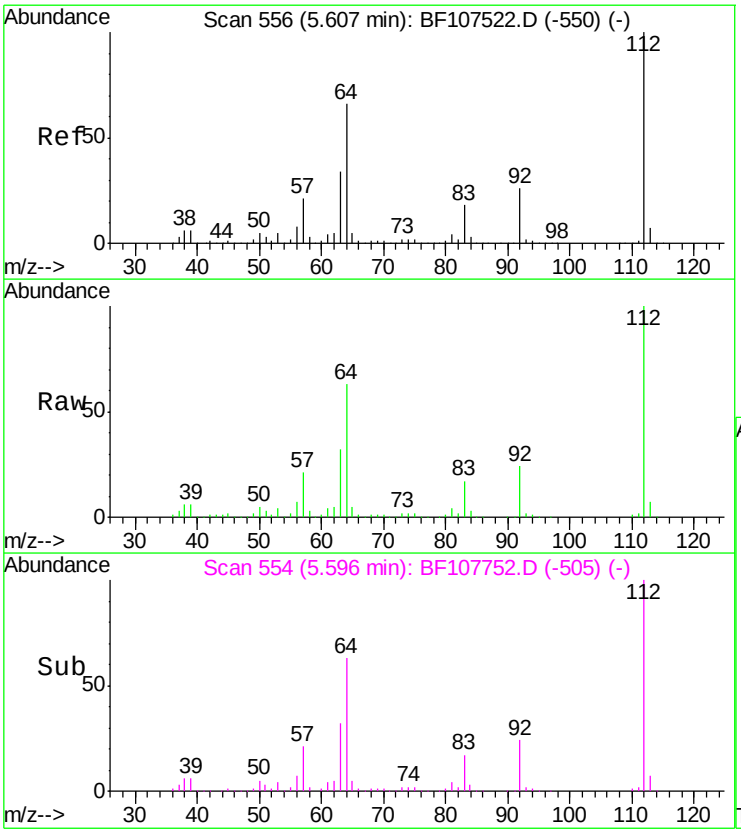
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107752.D
Acq: 27 Jul 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion:152 Resp: 157766

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	59.4	50.1	75.1

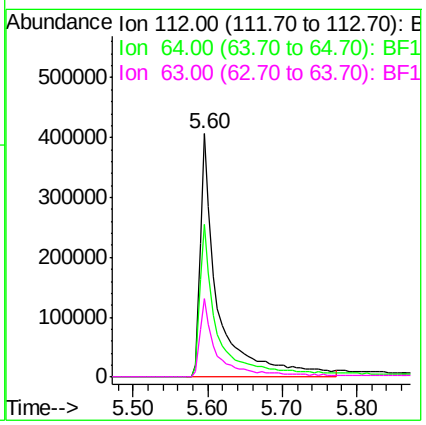


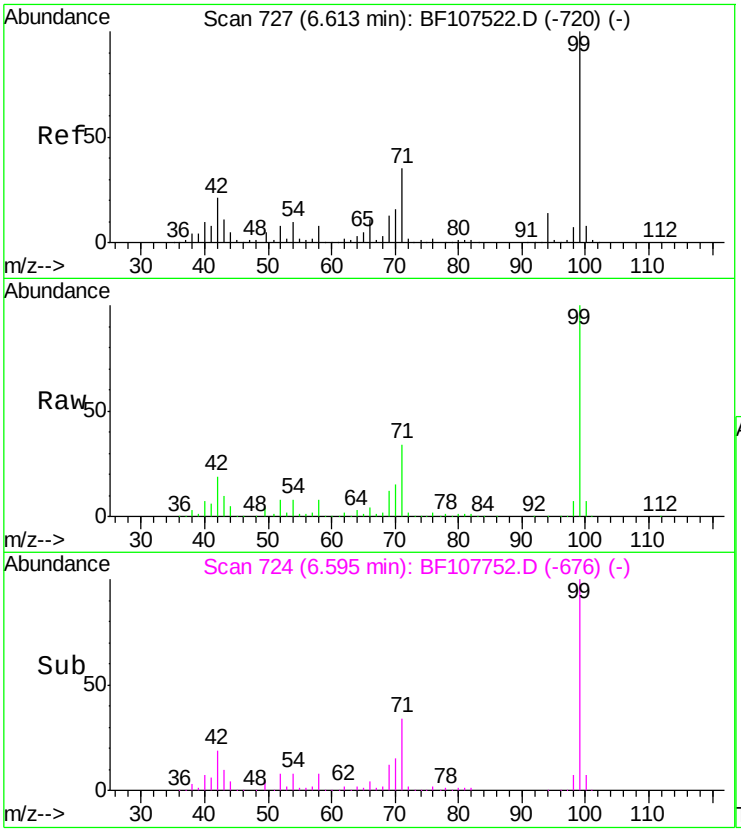


#5
2-Fluorophenol
Concen: 70.330 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107752.D
Acq: 27 Jul 2018 18:07

Tgt Ion:112 Resp: 690113

Ion	Ratio	Lower	Upper
112	100		
64	62.9	47.9	71.9
63	32.4	23.7	35.5



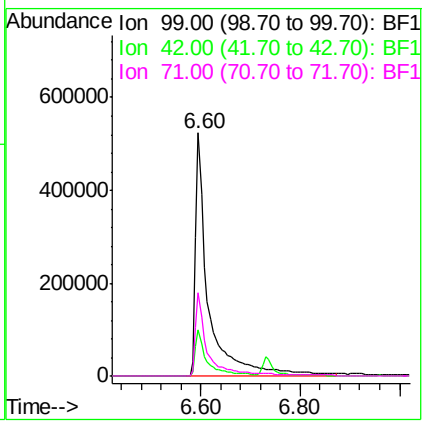


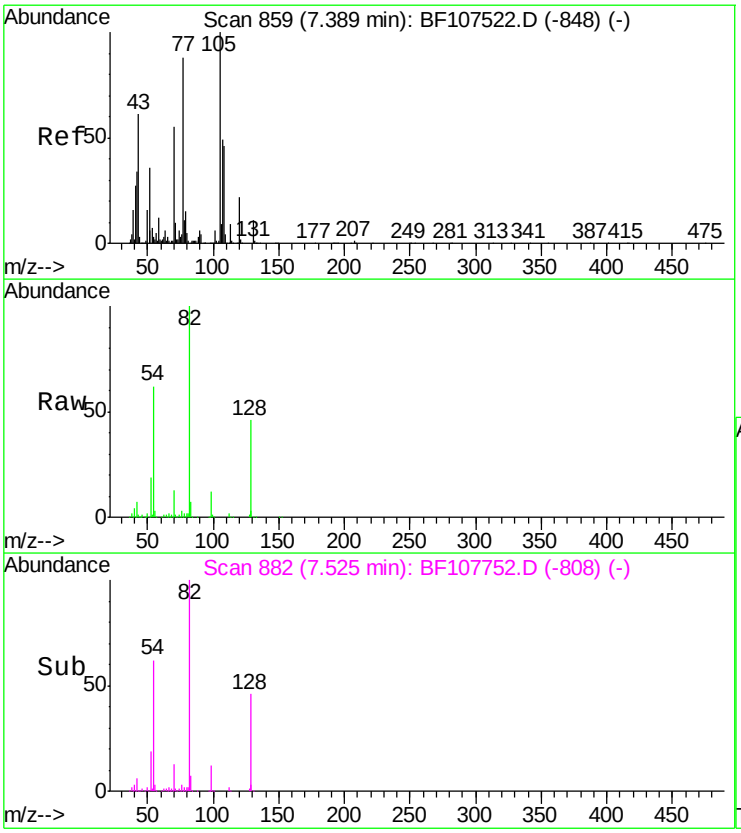
#7
Phenol-d6
Concen: 81.761 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107752.D
Acq: 27 Jul 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion: 99 Resp: 963330

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	34.1	25.4	38.0

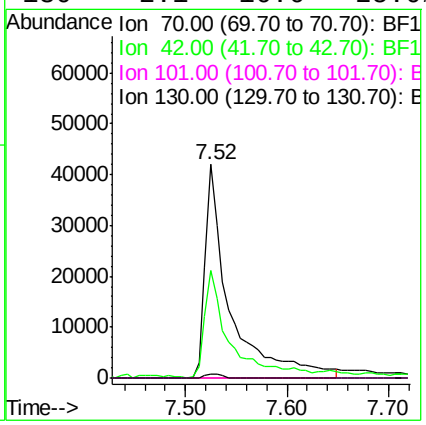


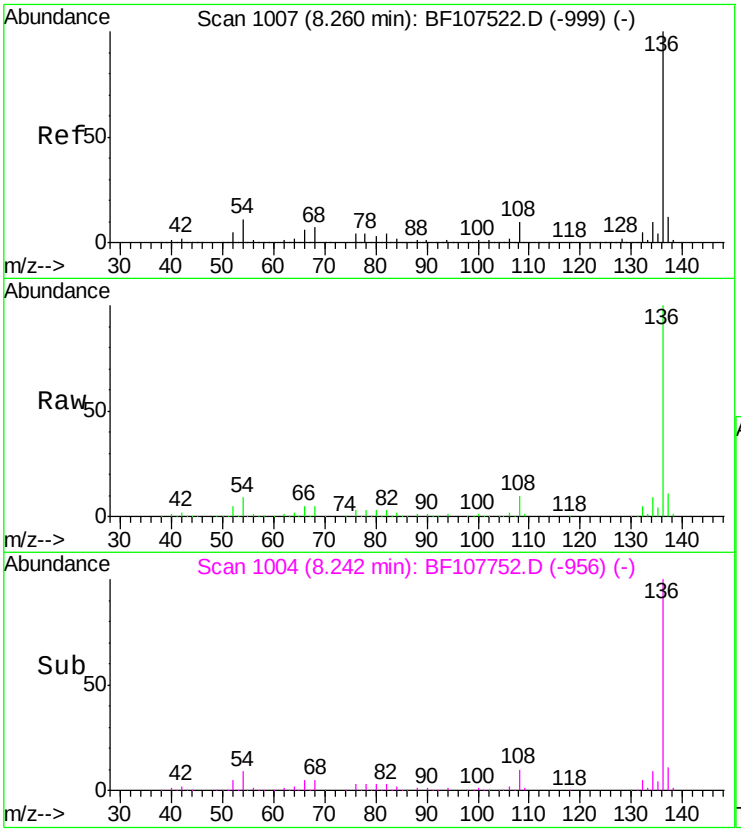


#19
n-Nitroso-di-n-propylamine
Concen: 9.386 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107752.D
Acq: 27 Jul 2018 18:07

Tgt Ion: 70 Resp: 71441

Ion	Ratio	Lower	Upper
70	100		
42	50.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



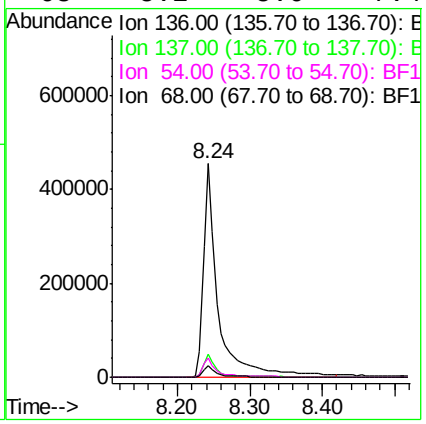


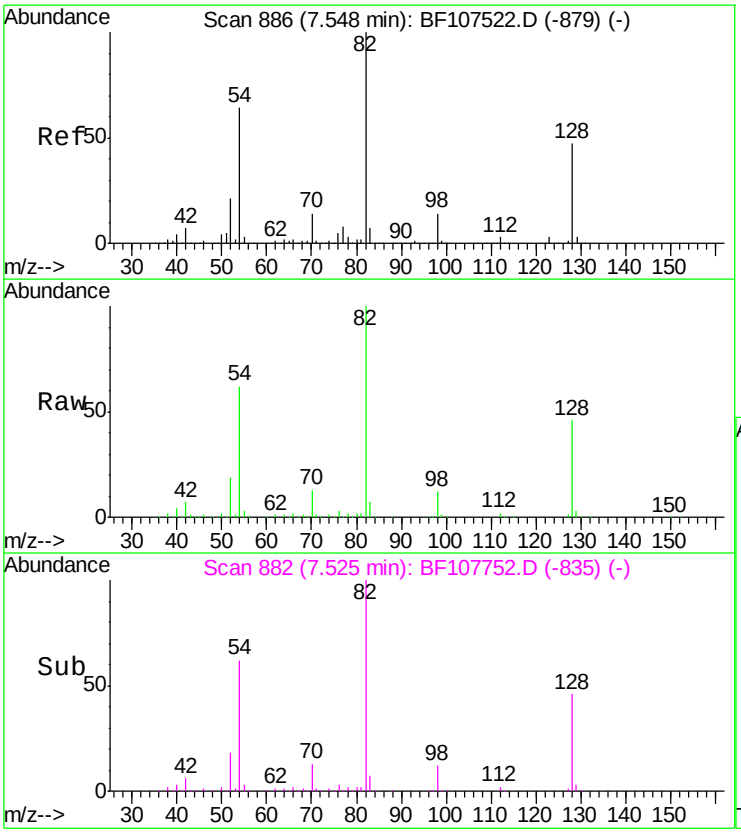
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107752.D
Acq: 27 Jul 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion:136 Resp: 649671

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.3	6.6	9.8
68	5.2	5.0	7.4

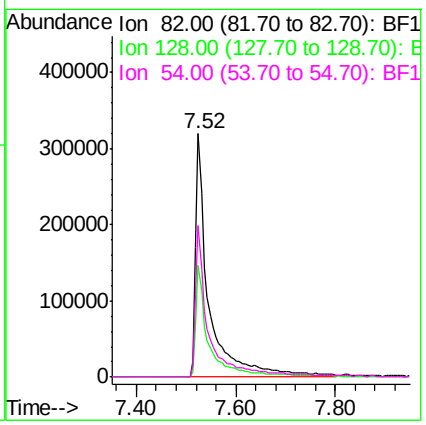


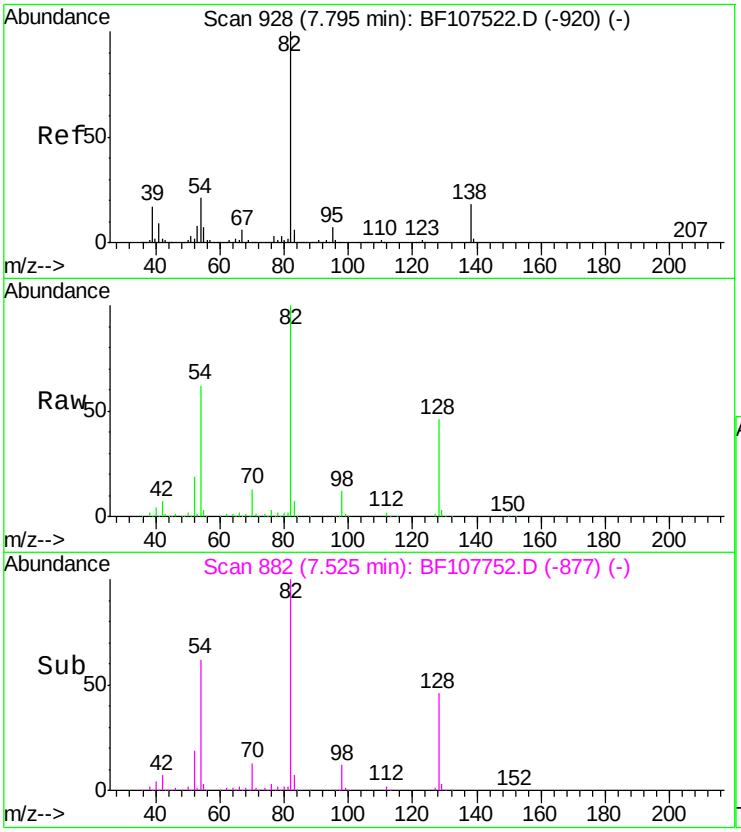


#23
Nitrobenzene-d5
Concen: 62.400 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107752.D
Acq: 27 Jul 2018 18:07

Tgt Ion: 82 Resp: 600697

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	62.0	41.4	62.2



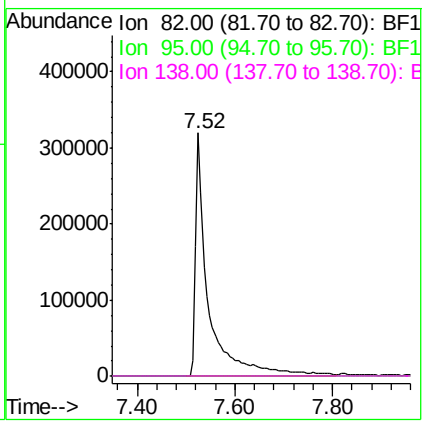


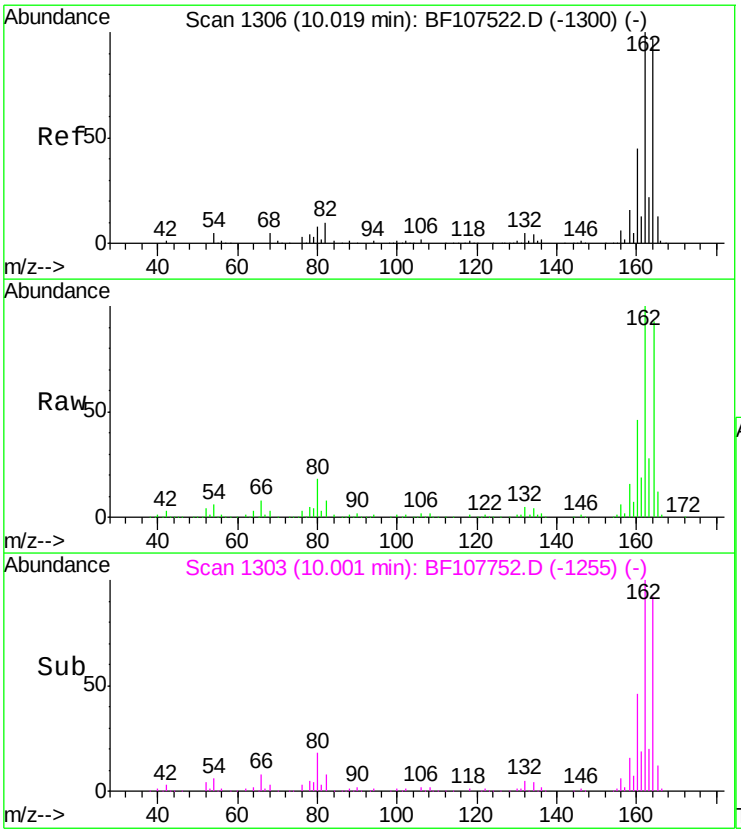
#25
Isophorone
Concen: 29.276 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF107752.D
Acq: 27 Jul 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion: 82 Resp: 601751

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

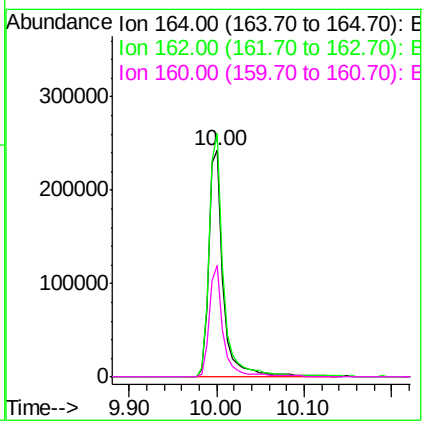


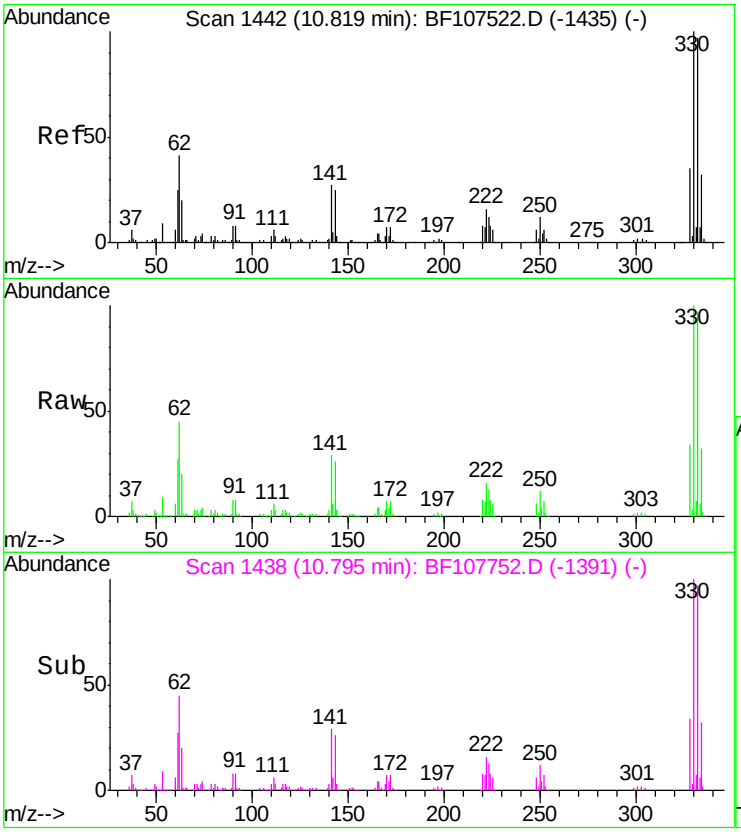


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107752.D
Acq: 27 Jul 2018 18:07

Tgt Ion:164 Resp: 281355

Ion	Ratio	Lower	Upper
164	100		
162	107.4	86.1	129.1
160	49.4	38.3	57.5



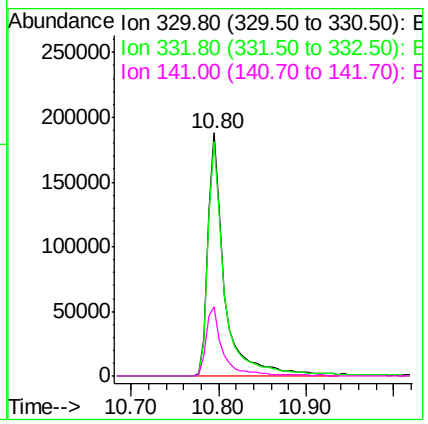


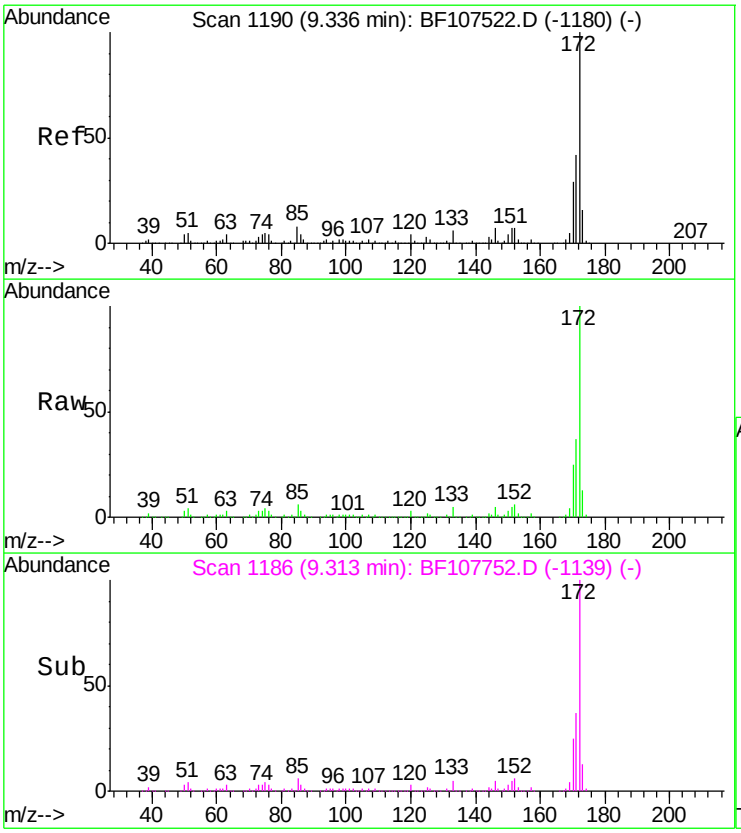
#41
2,4,6-Tribromophenol
Concen: 78.917 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF107752.D
Acq: 27 Jul 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion:330 Resp: 252491

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	29.6	29.9	44.9#

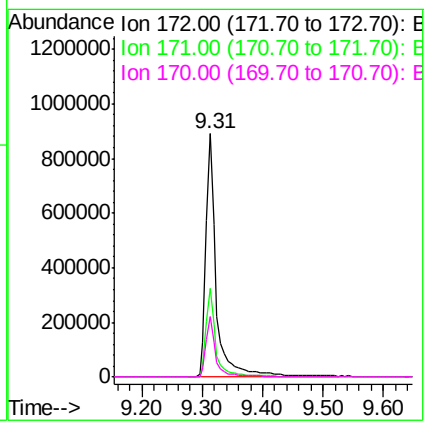


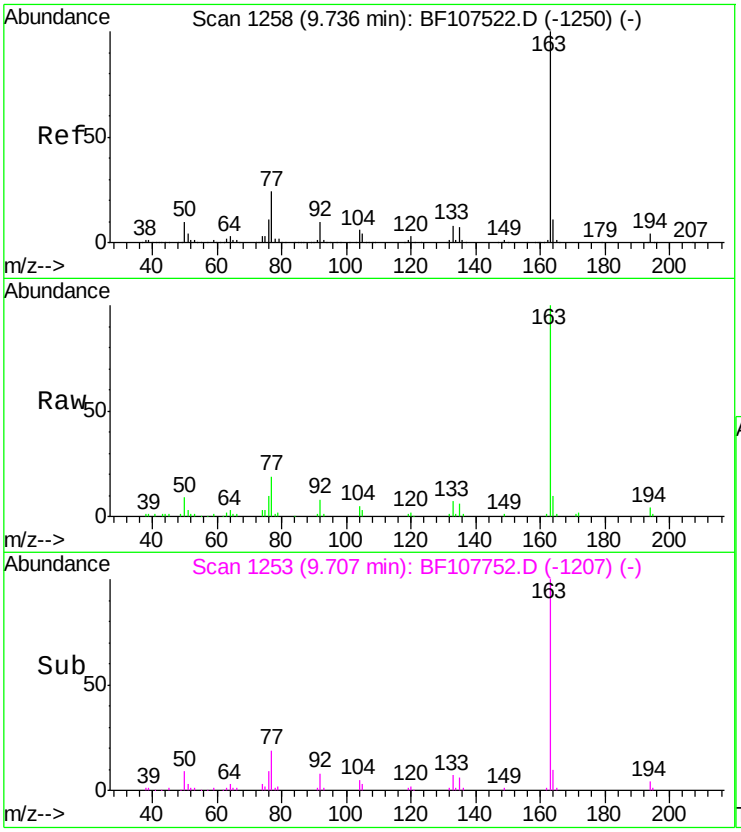


#44
2-Fluorobiphenyl
Concen: 60.889 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107752.D
Acq: 27 Jul 2018 18:07

Tgt Ion:172 Resp: 1084897

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.6	19.6	29.4



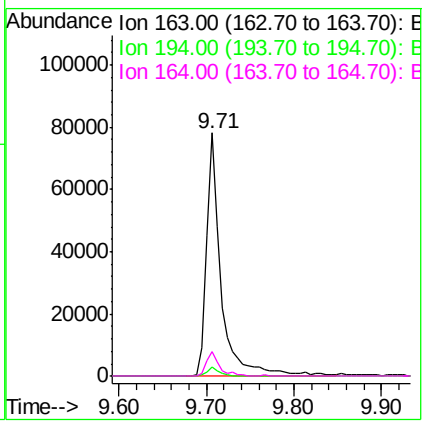


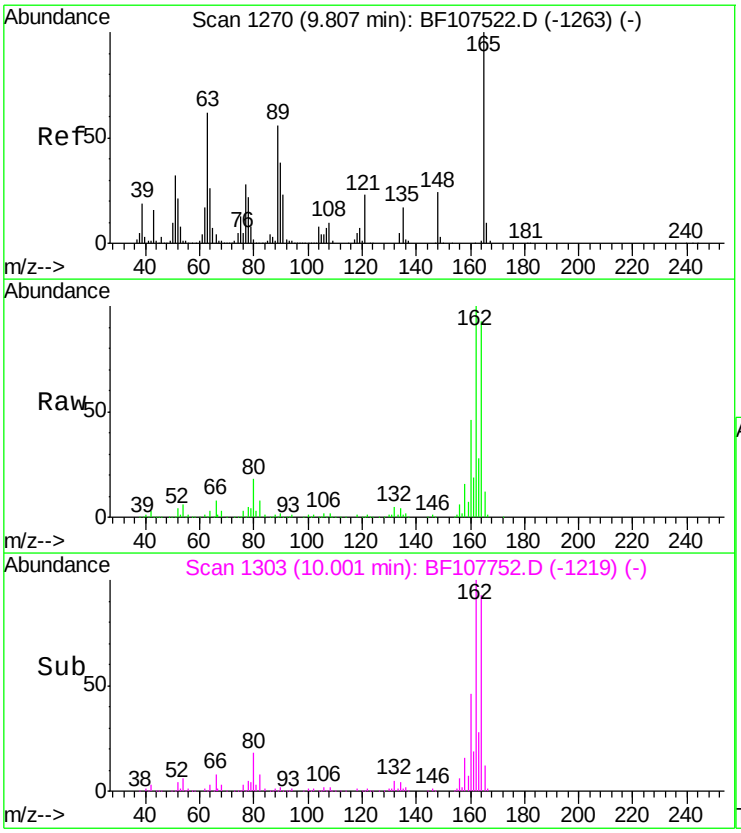
#49
Dimethylphthalate
Concen: 4.348 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107752.D
Acq: 27 Jul 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion:163 Resp: 92206

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.0	8.2	12.2

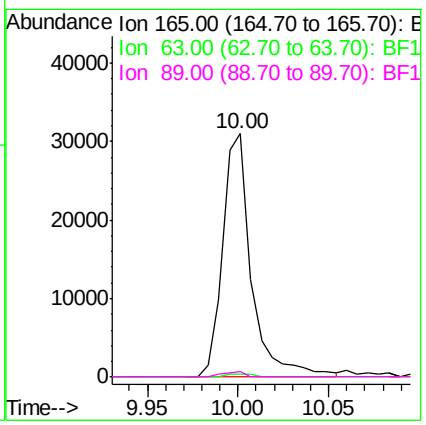


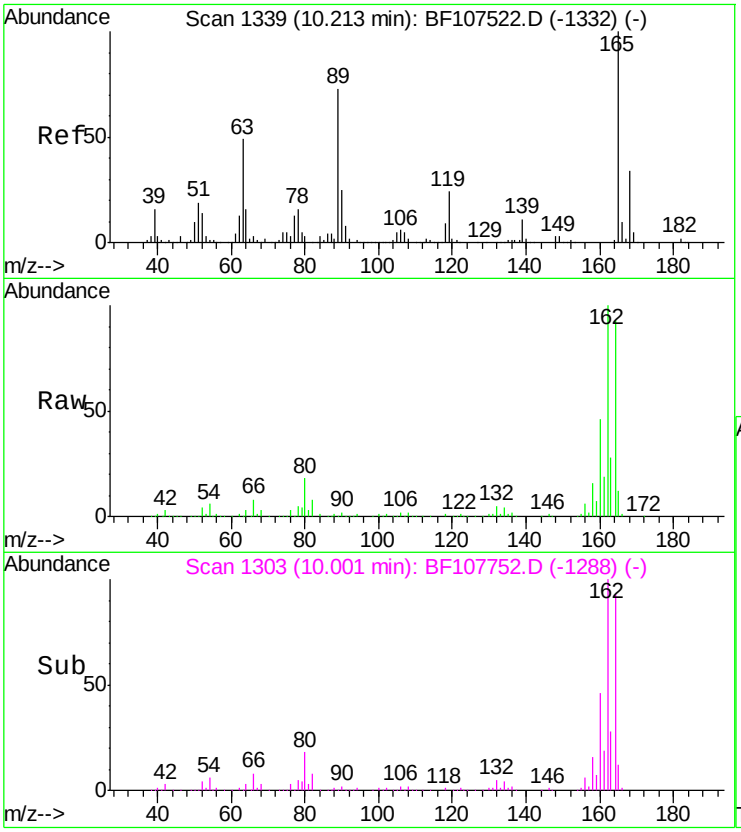


#50
2,6-Dinitrotoluene
Concen: 8.122 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.19 min
Lab File: BF107752.D
Acq: 27 Jul 2018 18:07

Tgt Ion:165 Resp: 34192

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	2.1	44.0	66.0#



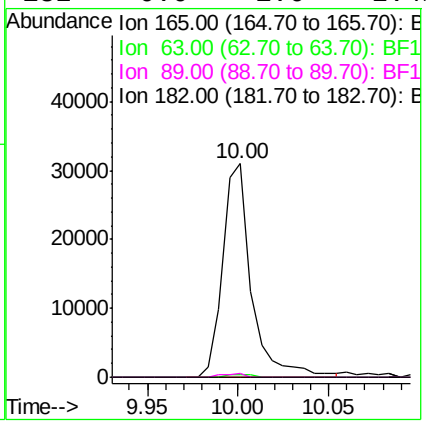


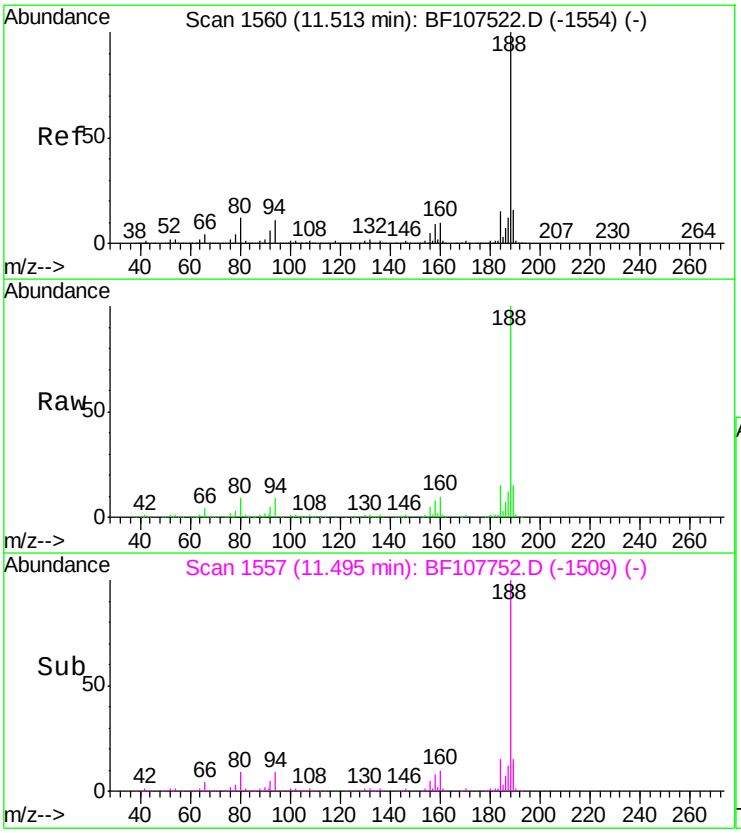
#56
2,4-Dinitrotoluene
Concen: 6.728 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107752.D
Acq: 27 Jul 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion:165 Resp: 34192

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#

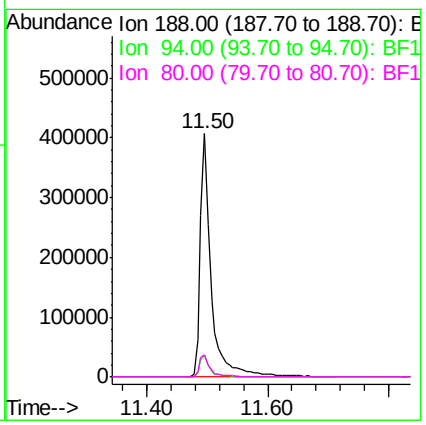


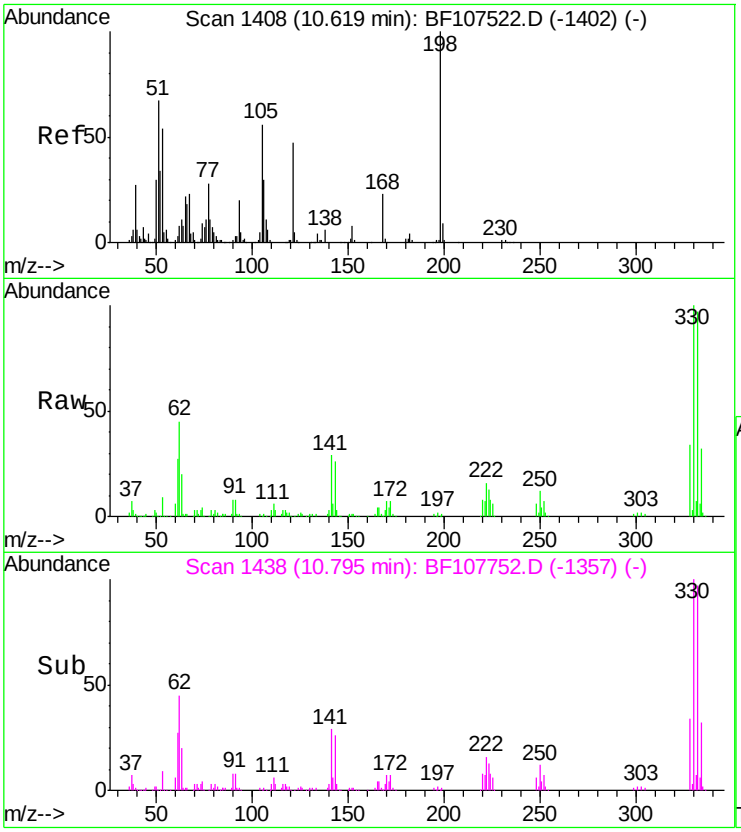


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107752.D
Acq: 27 Jul 2018 18:07

Tgt Ion:188 Resp: 521262

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.1	9.2	13.8#



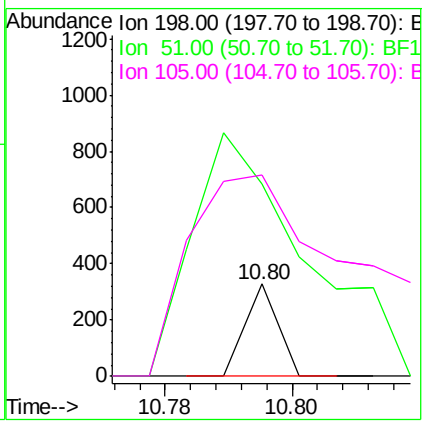


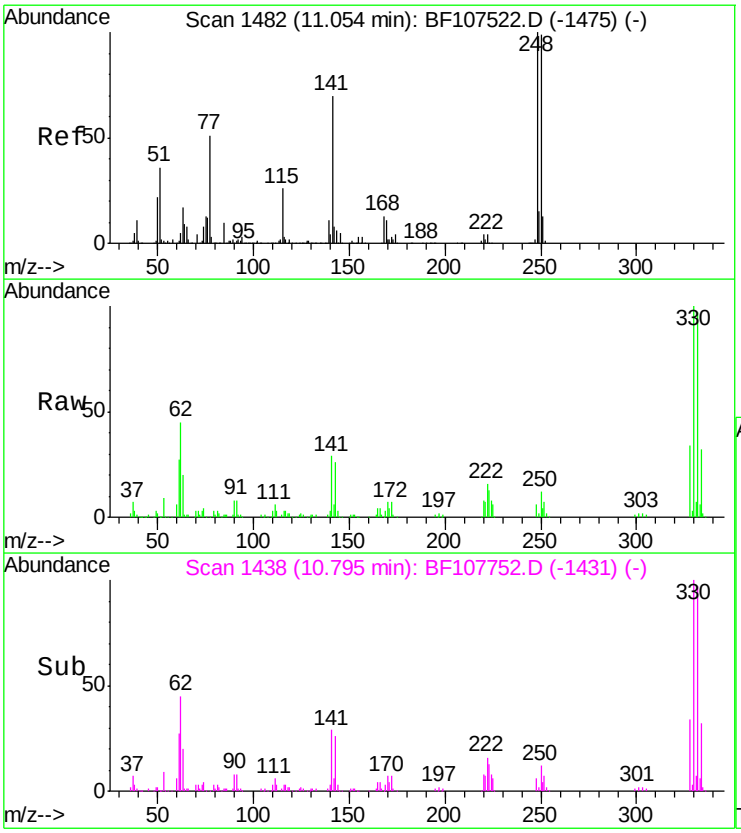
#64
4,6-Dinitro-2-methylphenol
Concen: 8.718 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF107752.D
Acq: 27 Jul 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion:198 Resp: 116

Ion	Ratio	Lower	Upper
198	100		
51	208.2	37.7	77.7#
105	217.3	36.3	76.3#

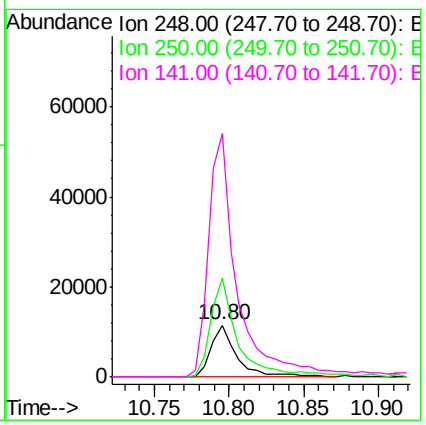


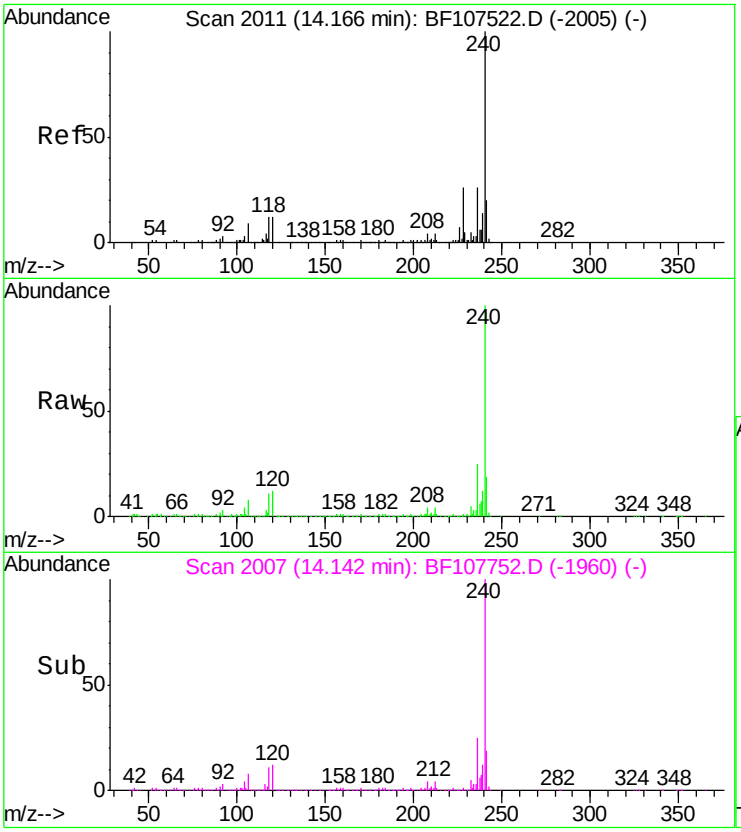


#66
4-Bromophenyl-phenylether
Concen: 2.288 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.26 min
Lab File: BF107752.D
Acq: 27 Jul 2018 18:07

Tgt Ion:248 Resp: 14042

Ion	Ratio	Lower	Upper
248	100		
250	190.3	76.9	115.3#
141	470.1	74.4	111.6#



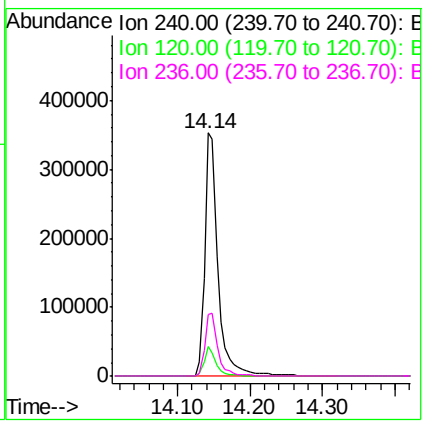


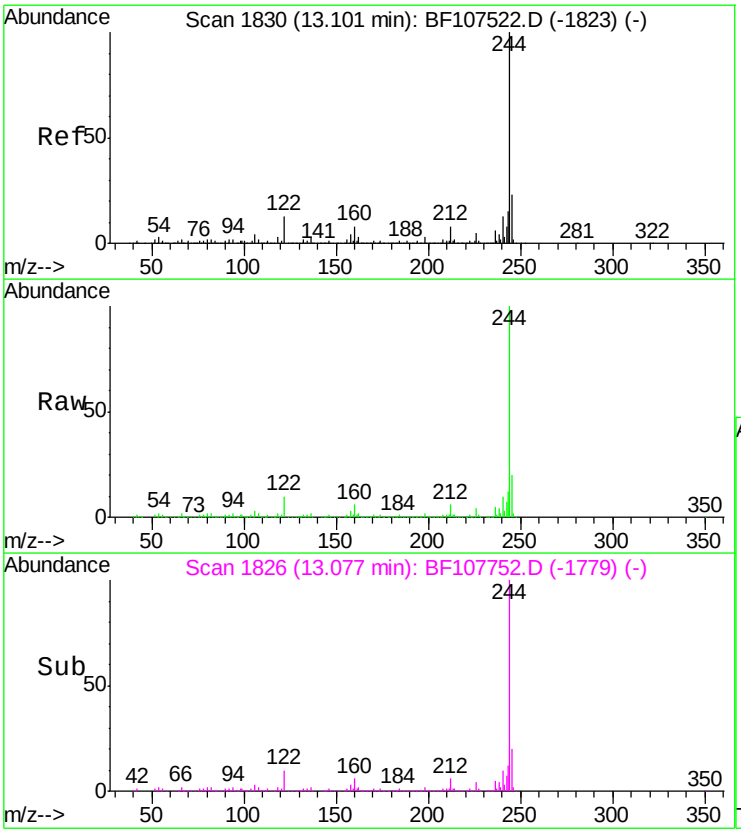
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107752.D
Acq: 27 Jul 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion:240 Resp: 449058

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	25.4	20.7	31.1

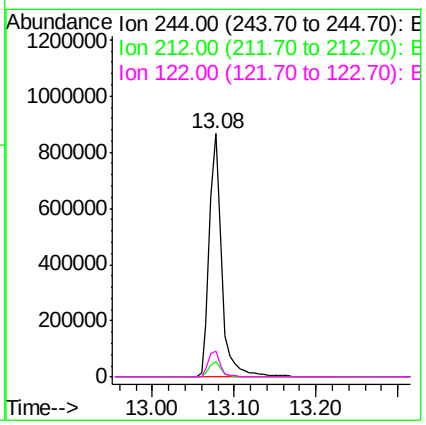


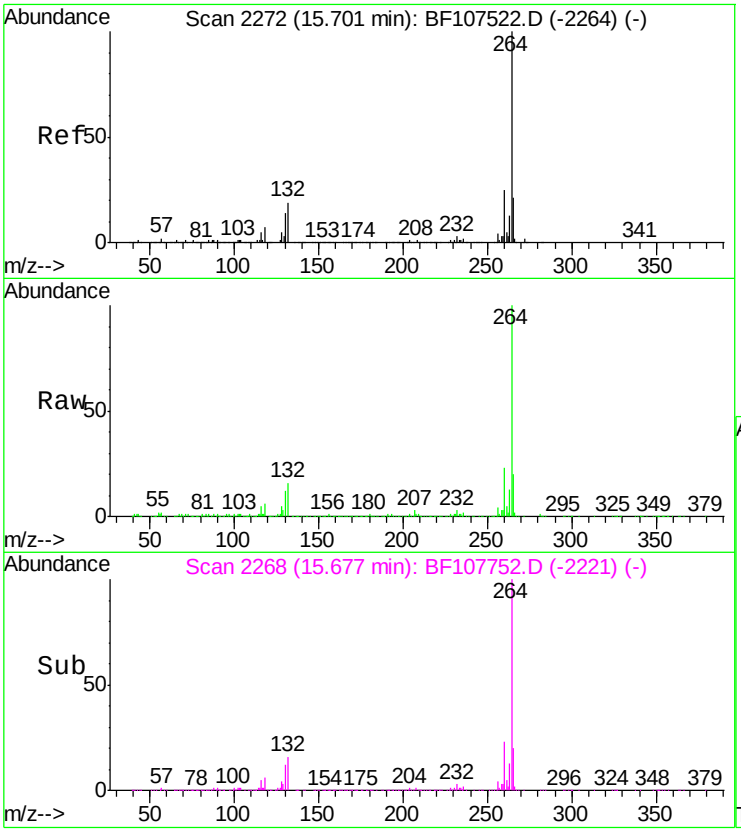


#78
Terphenyl-d14
Concen: 52.379 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF107752.D
Acq: 27 Jul 2018 18:07

Tgt Ion:244 Resp: 918766

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	10.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF107752.D
Acq: 27 Jul 2018 18:07

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion:264 Resp: 441070

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.5	17.5	26.3