Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
Data File : BF107753.D
Acq On : 27 Jul 2018 18:34
Operator : JU/SJ
Sample : J4189-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14-S

Quant Time: Jul 28 01:16:18 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	157530	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	654869	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	267086	20.00	ng		-0.02
63) Phenanthrene-d10	11.50	188	469129	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	410001	20.00	ng		-0.02
86) Perylene-d12	15.68	264	414177	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	742433	75.78	ng		-0.01
7) Phenol-d6	6.60	99	1041151	88.50	ng		-0.02
23) Nitrobenzene-d5	7.52	82	657660	67.78	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	256454	84.44	ng		-0.02
44) 2-Fluorobiphenyl	9.31	172	1214842	75.53	ng		-0.02
78) Terphenyl-d14	13.08	244	973707	60.80	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	78871	10.378	ng	#	81
25) Isophorone	7.52	82	658618	31.789	ng	#	64
49) Dimethylphthalate	9.71	163	103171	5.125	ng		99
50) 2,6-Dinitrotoluene	10.00	165	32474	8.126	ng	#	25
56) 2,4-Dinitrotoluene	10.00	165	33650	6.975	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.80	198	130	8.728	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	15706	2.844	ng	#	1
73) Di-n-butylphthalate	12.04	149	13044	Below Cal			98
81) 3,3'-Dichlorobenzidine	14.05	252	113	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\
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Acq On : 27 Jul 2018 18:34
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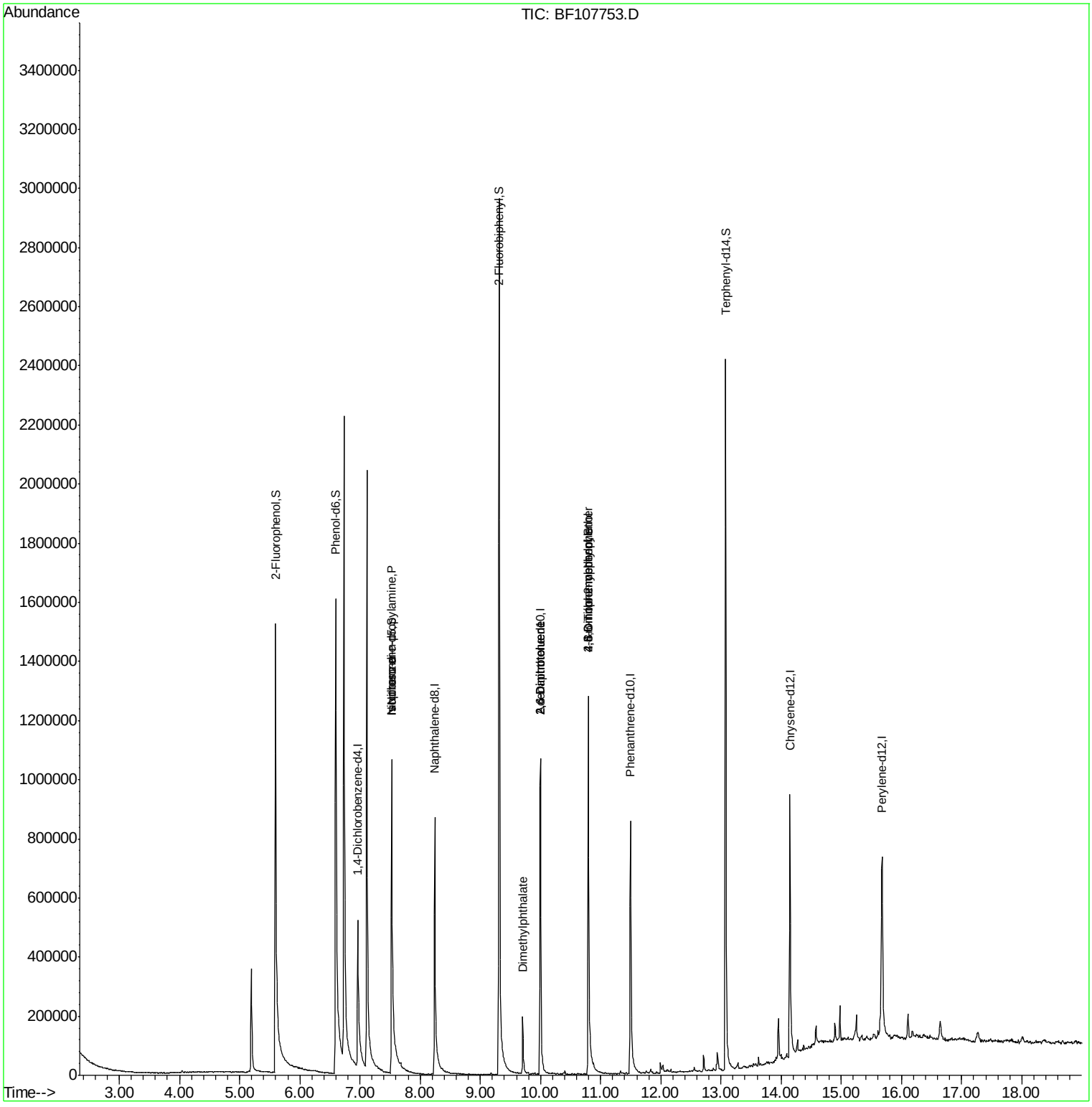
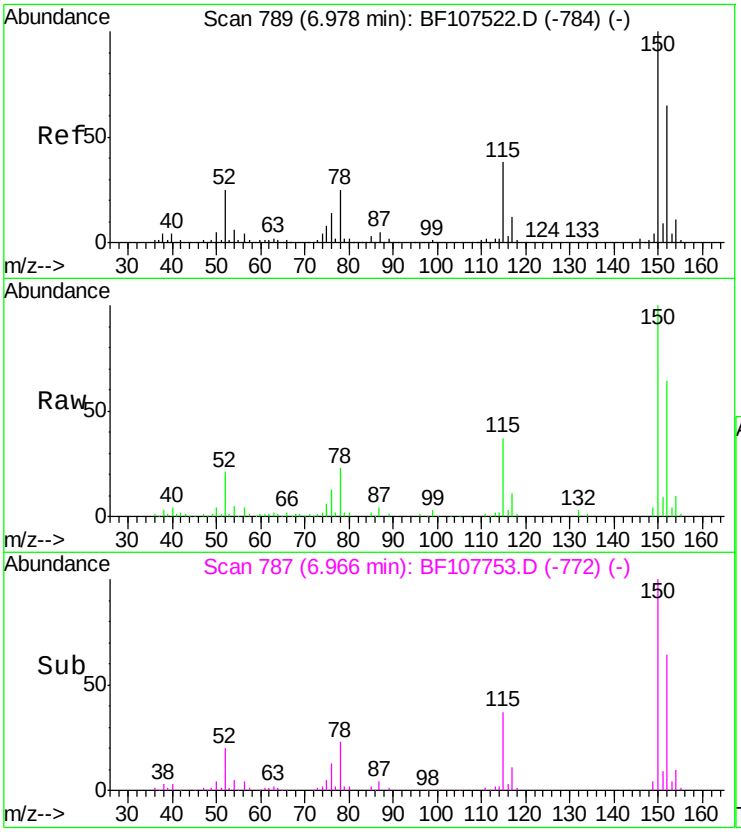
Sample : J4189-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Quant Time: Jul 28 01:16:18 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



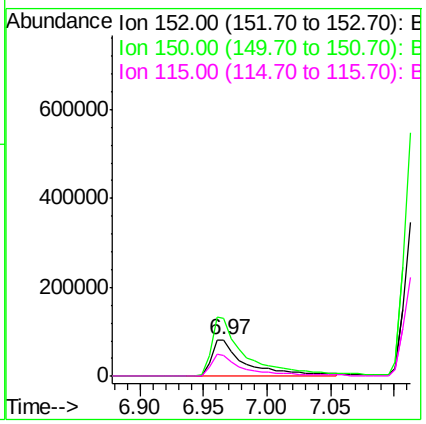


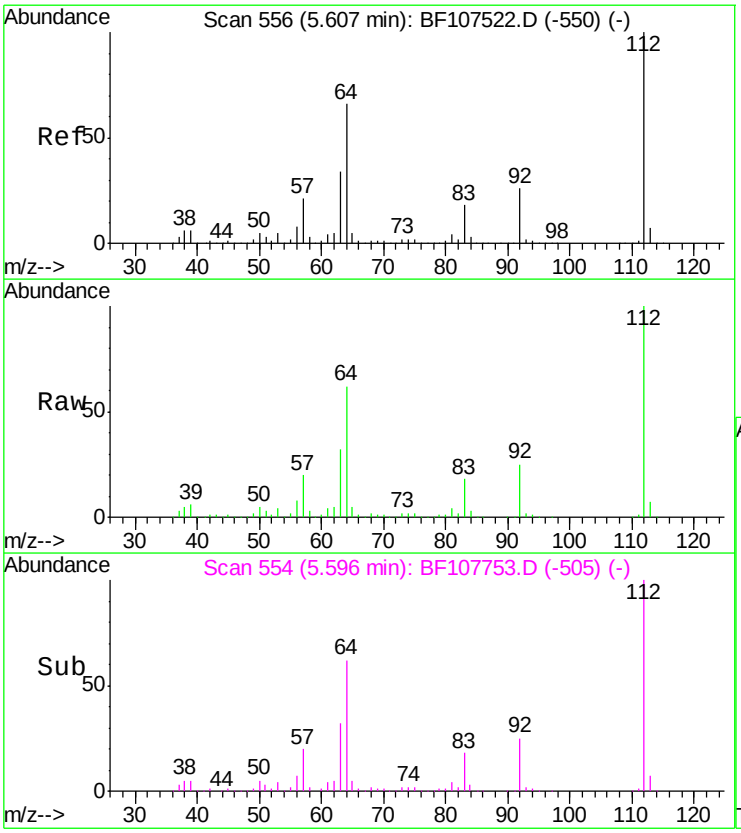
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tgt Ion:152 Resp: 157530

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	57.7	50.1	75.1

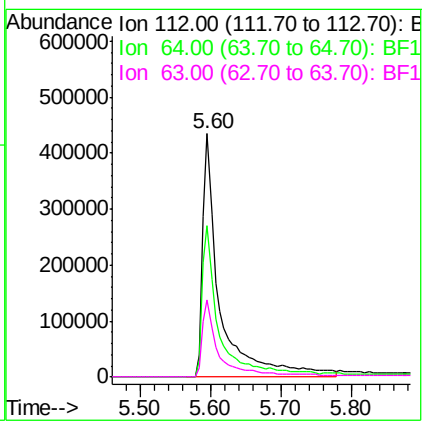


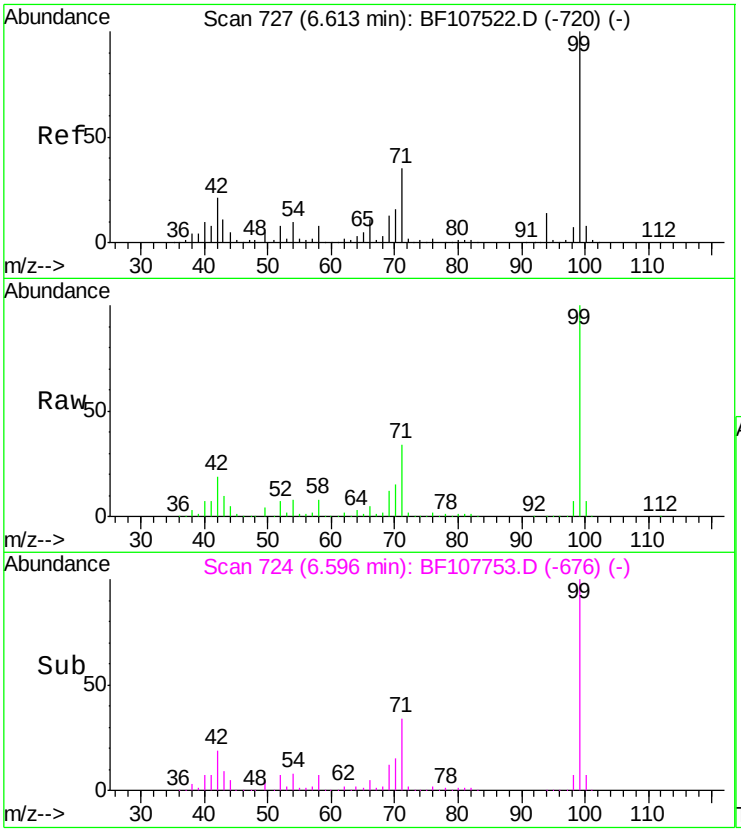


#5
2-Fluorophenol
Concen: 75.775 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Tgt Ion:112 Resp: 742433

Ion	Ratio	Lower	Upper
112	100		
64	62.0	47.9	71.9
63	31.9	23.7	35.5



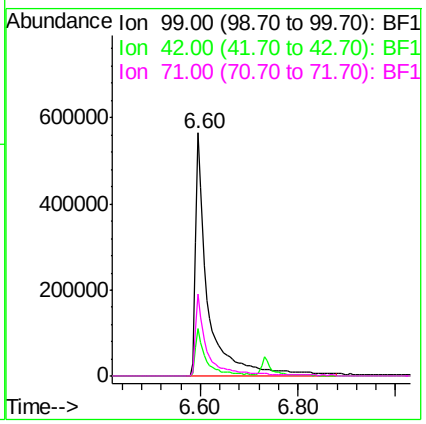


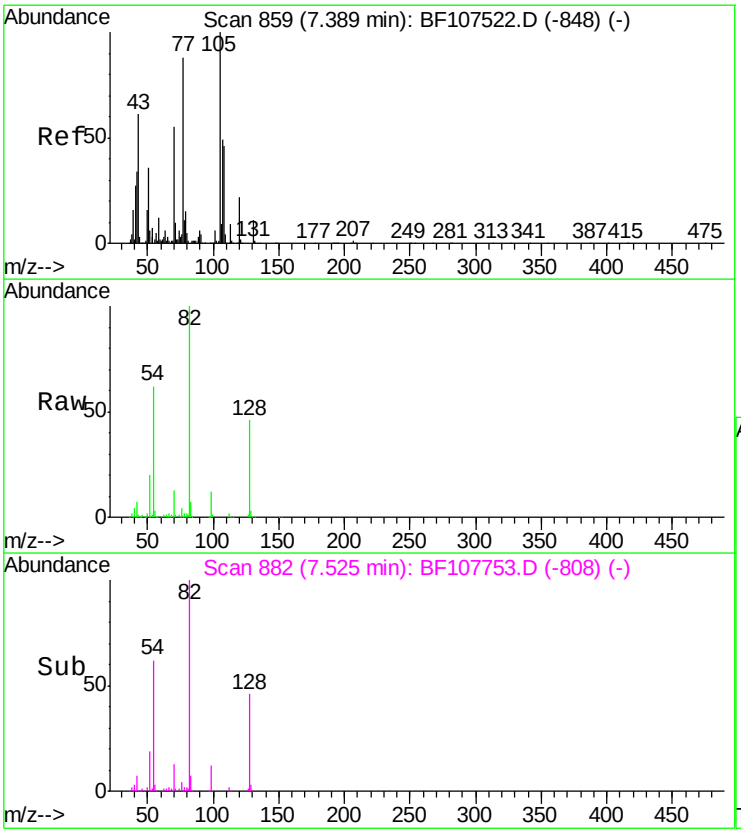
#7
Phenol-d6
Concen: 88.499 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tgt Ion: 99 Resp: 1041151

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	33.8	25.4	38.0

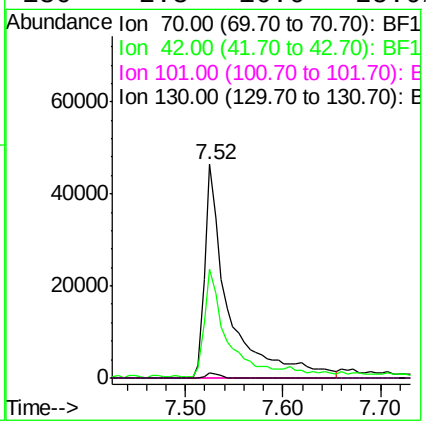


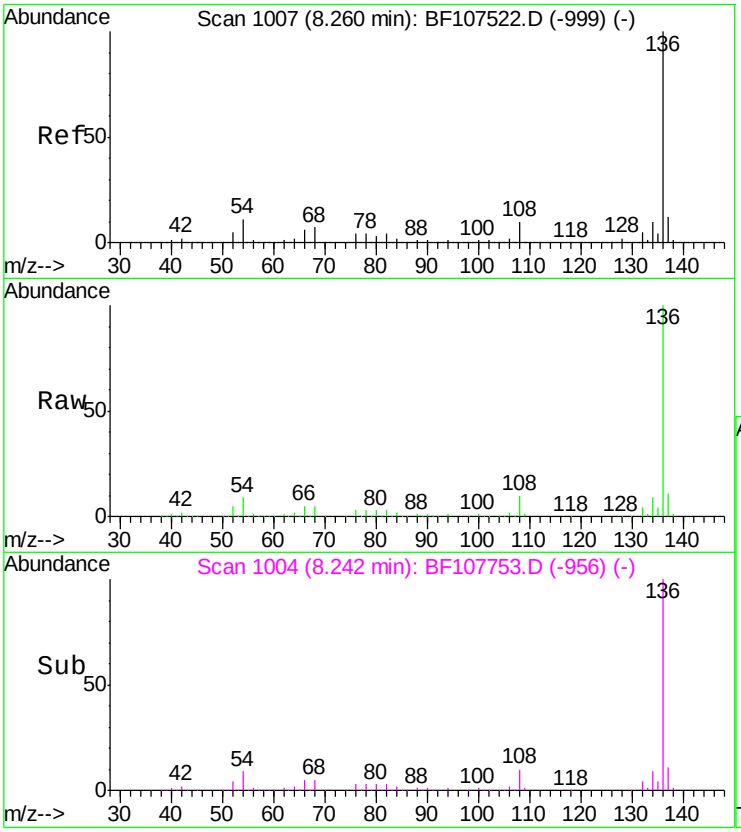


#19
n-Nitroso-di-n-propylamine
Concen: 10.378 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Tgt Ion: 70 Resp: 78871

Ion	Ratio	Lower	Upper
70	100		
42	51.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



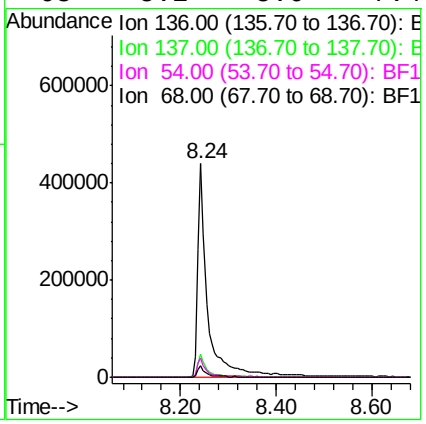


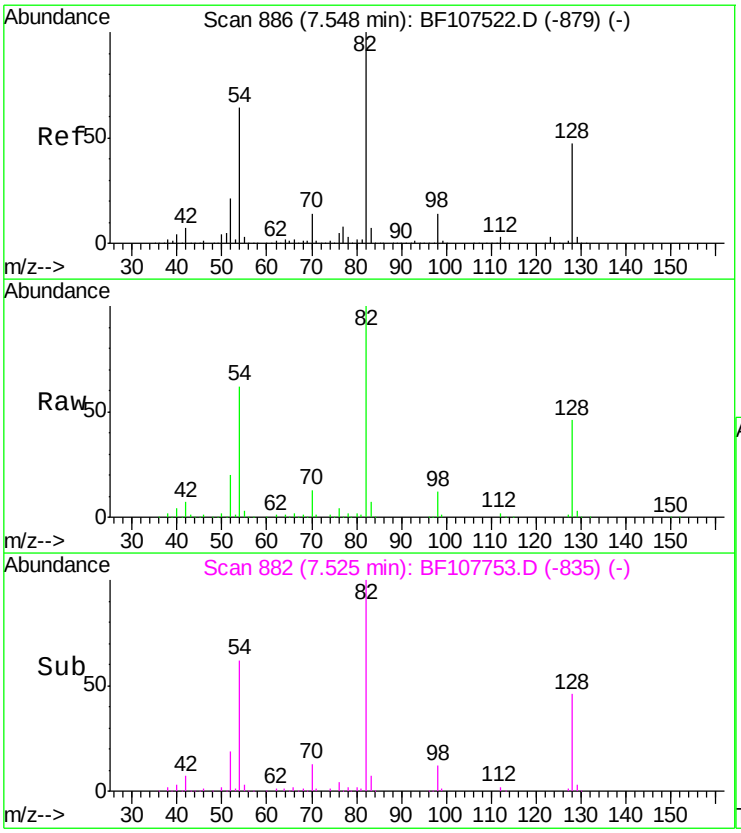
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tgt Ion:136 Resp: 654869

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.2	6.6	9.8
68	5.2	5.0	7.4

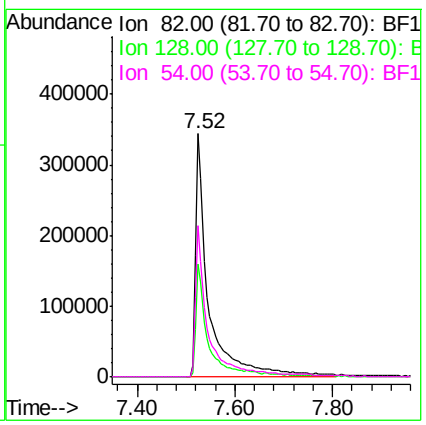


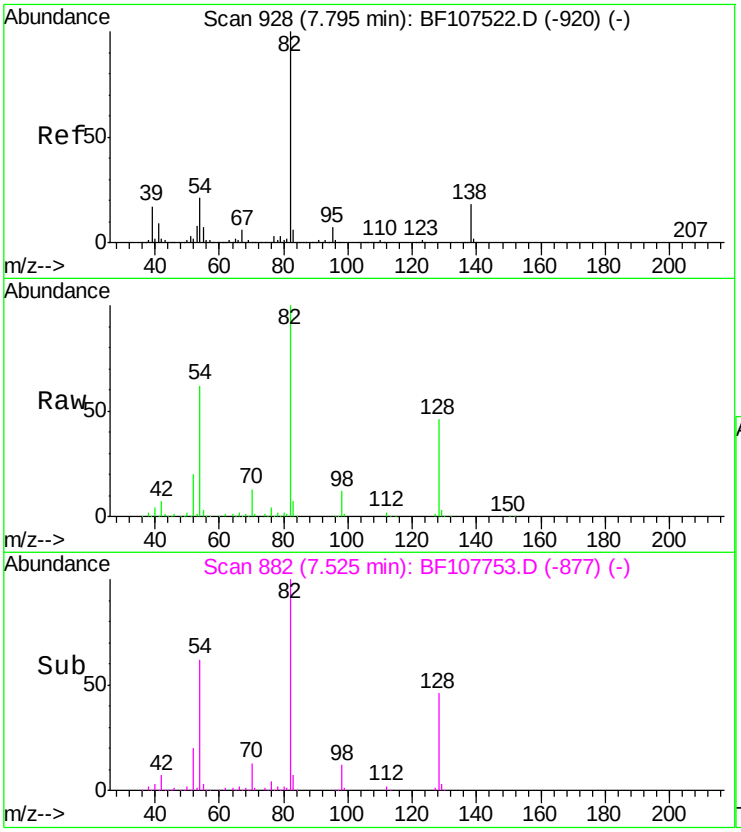


#23
Nitrobenzene-d5
Concen: 67.775 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Tgt Ion: 82 Resp: 657660

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	62.3	41.4	62.2#



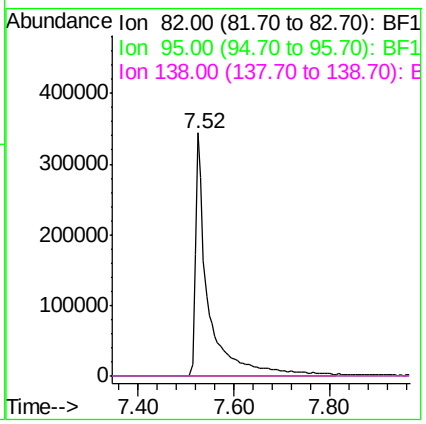


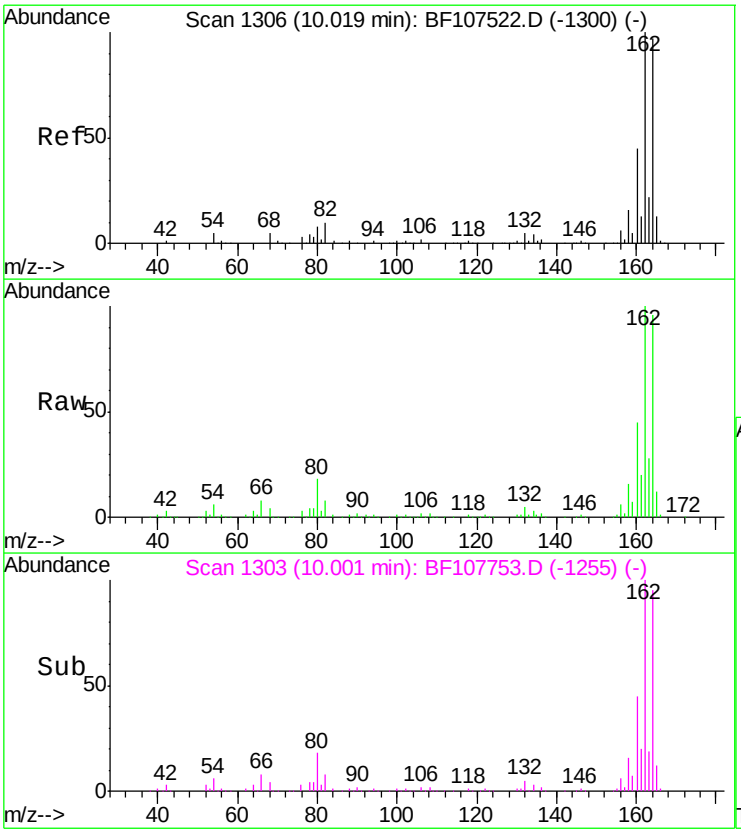
#25
Isophorone
Concen: 31.789 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tgt Ion: 82 Resp: 658618

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

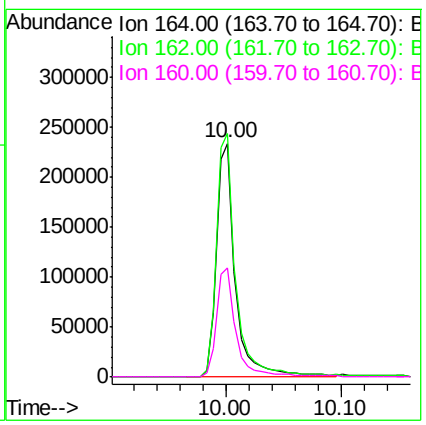


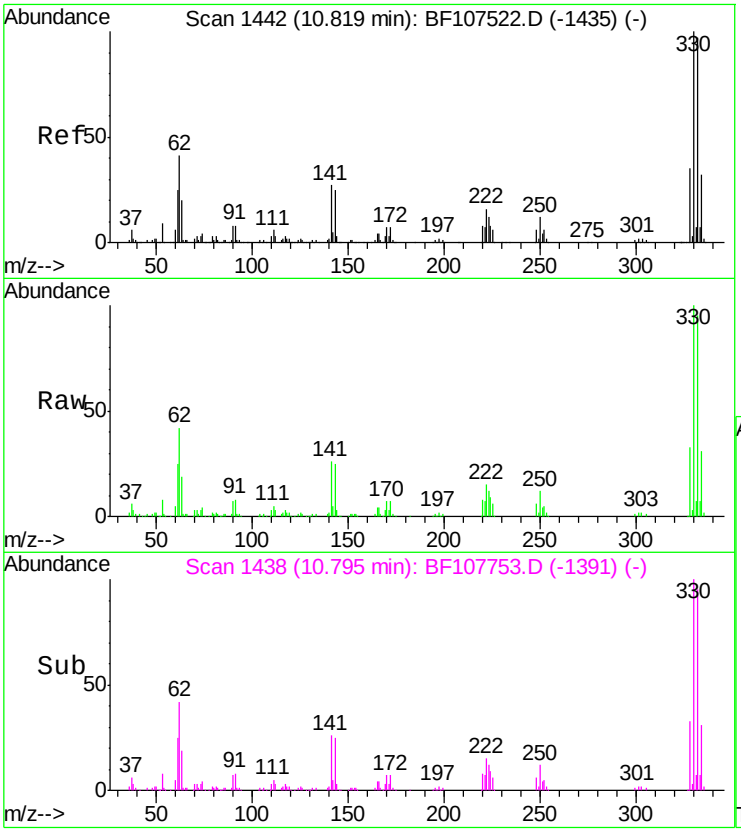


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Tgt Ion:164 Resp: 267086

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	46.9	38.3	57.5



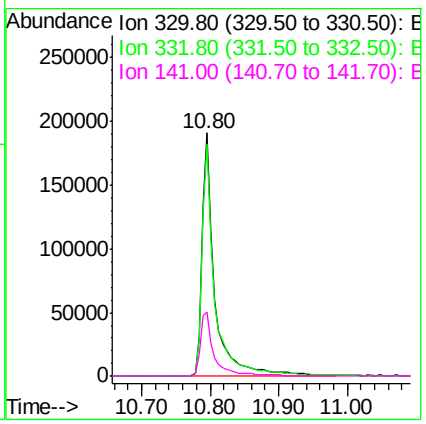


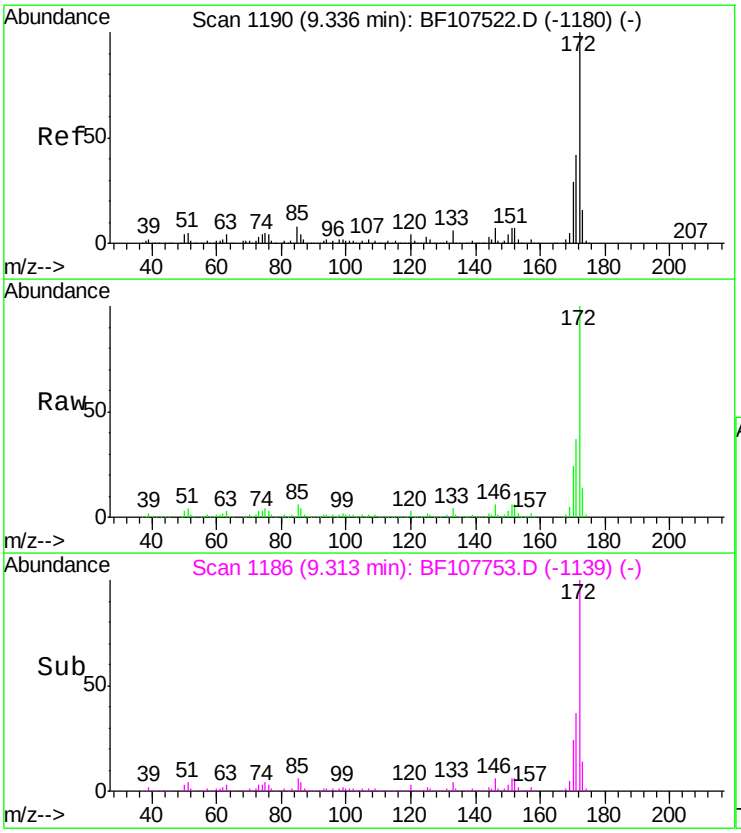
#41
2,4,6-Tribromophenol
Concen: 84.438 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tgt Ion:330 Resp: 256454

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	28.6	29.9	44.9#

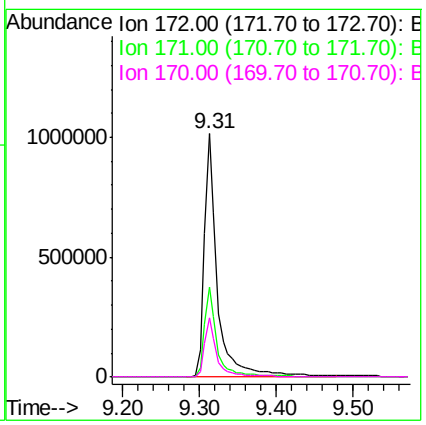


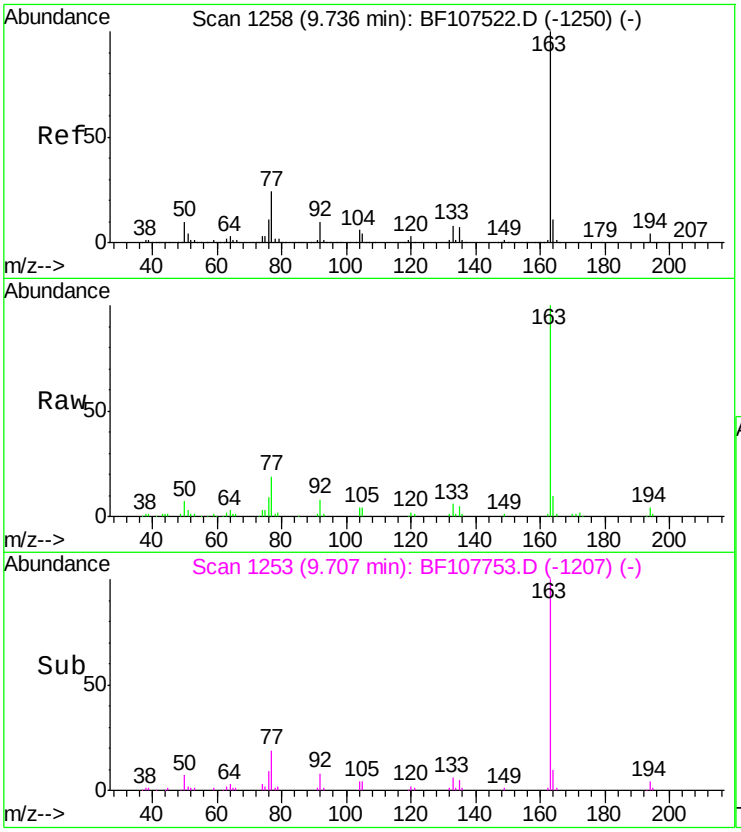


#44
2-Fluorobiphenyl
Concen: 75.534 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Tgt Ion:172 Resp: 1214842

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.5	19.6	29.4



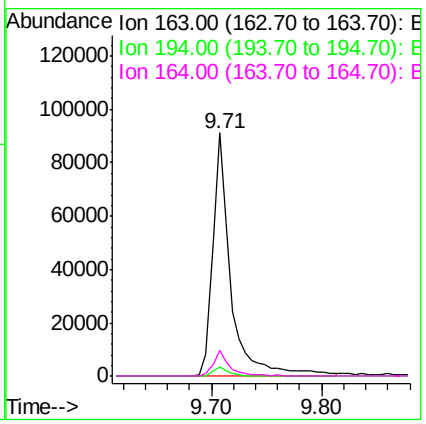


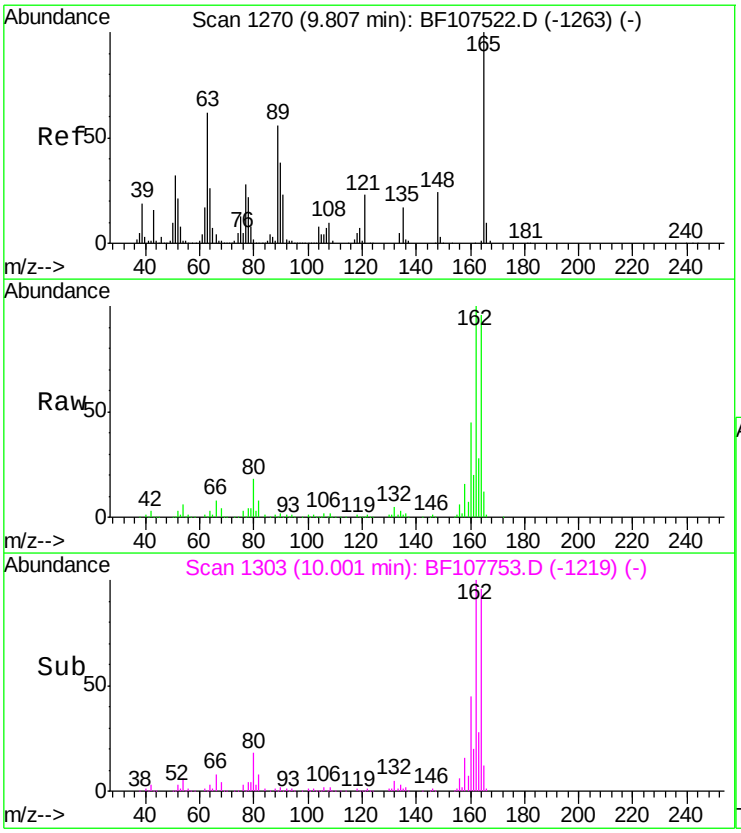
#49
Dimethylphthalate
Concen: 5.125 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tgt Ion:163 Resp: 103171

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.5	8.2	12.2

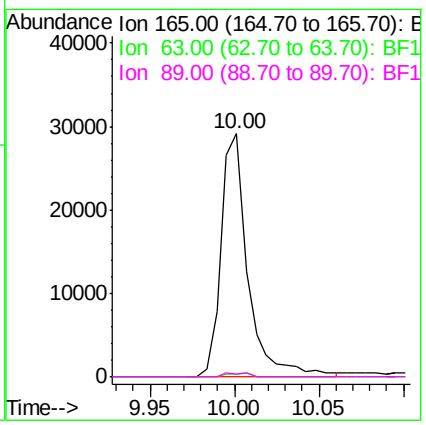


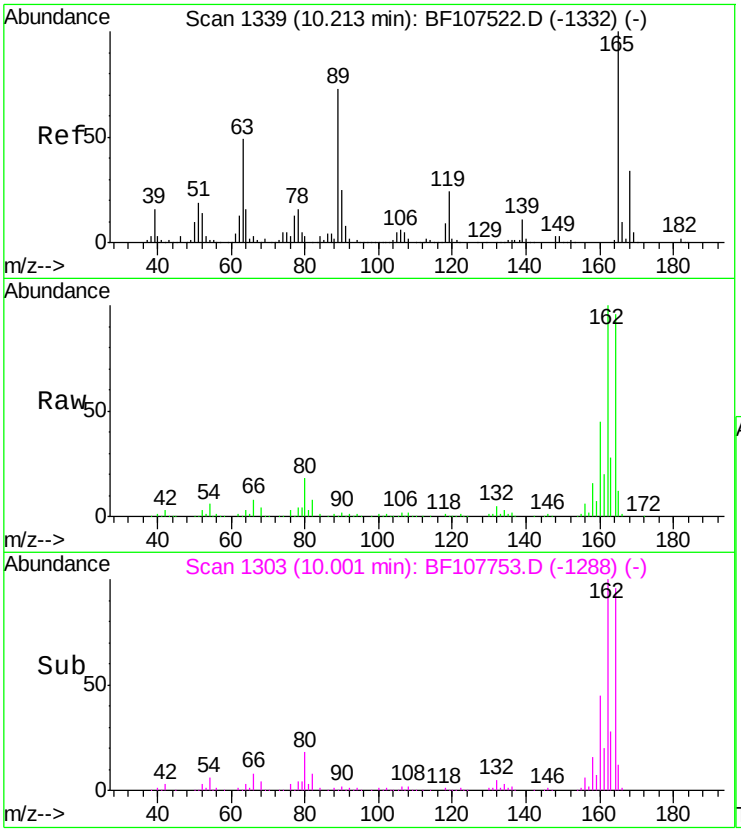


#50
2,6-Dinitrotoluene
Concen: 8.126 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.19 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Tgt Ion:165 Resp: 32474

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



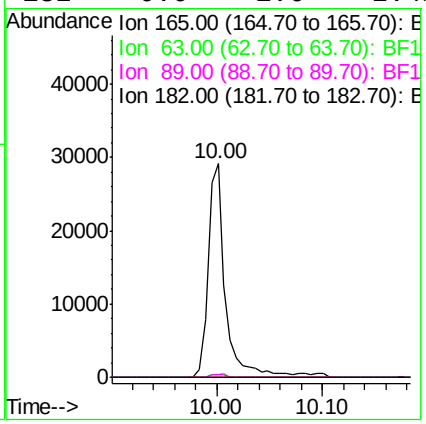


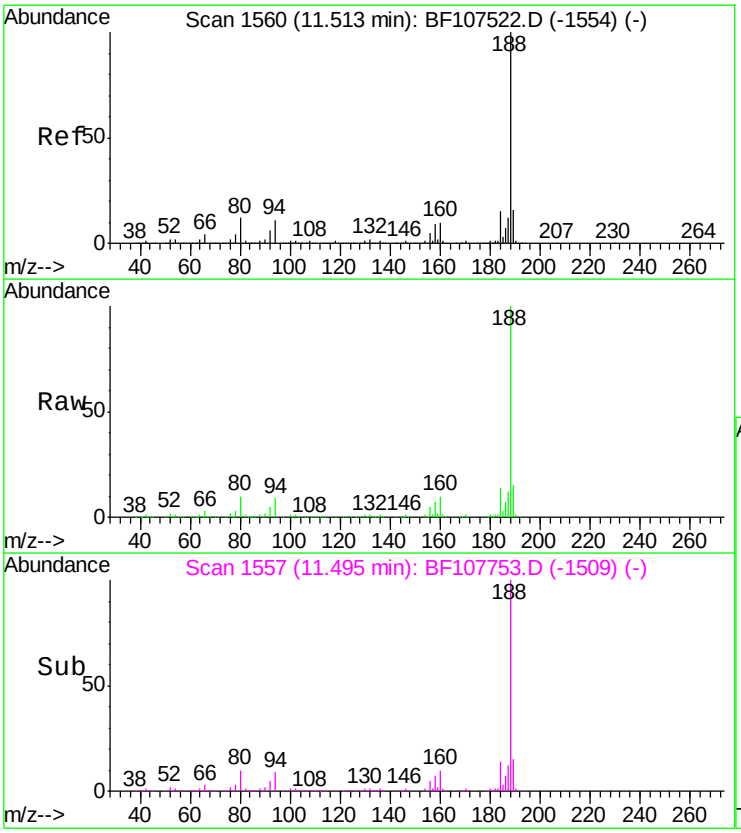
#56
2,4-Dinitrotoluene
Concen: 6.975 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tgt Ion:165 Resp: 33650

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

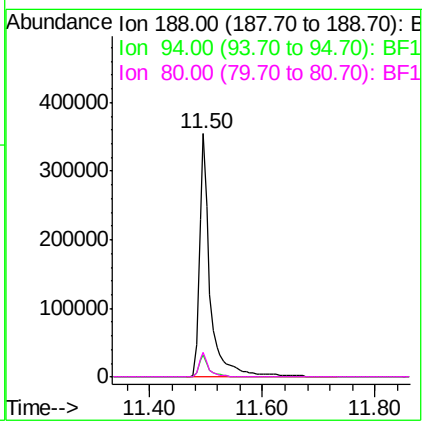


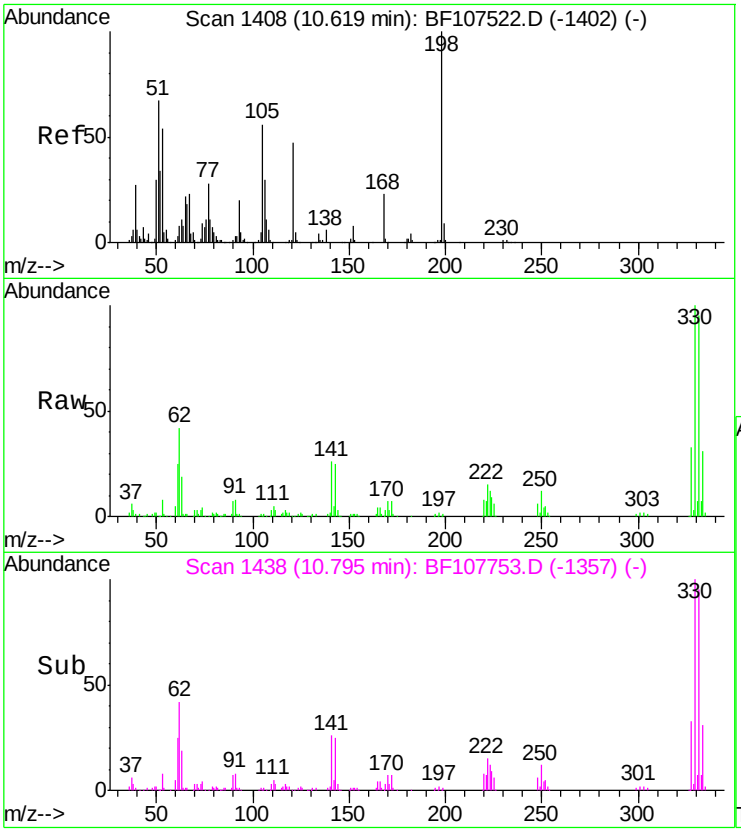


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Tgt Ion:188 Resp: 469129

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.9	9.2	13.8



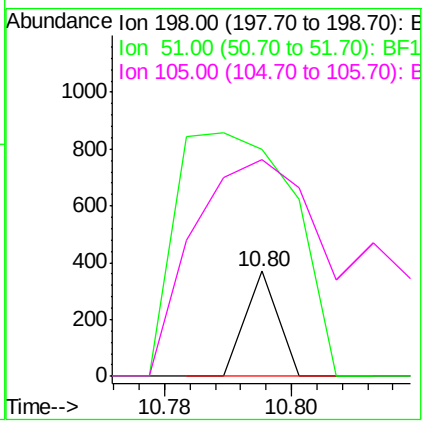


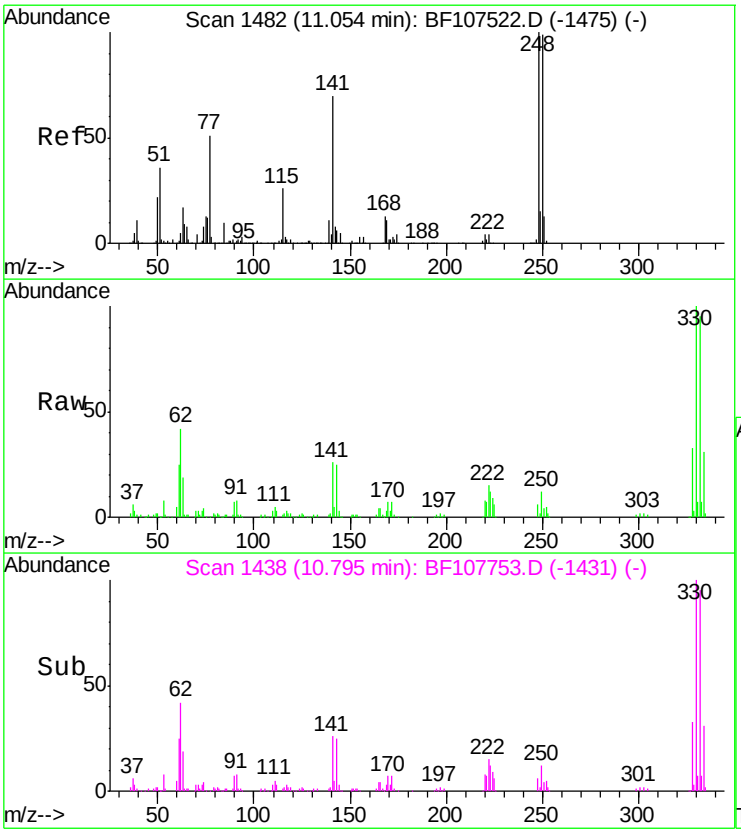
#64
4,6-Dinitro-2-methylphenol
Concen: 8.728 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tgt Ion:198 Resp: 130

Ion	Ratio	Lower	Upper
198	100		
51	216.5	37.7	77.7#
105	207.0	36.3	76.3#

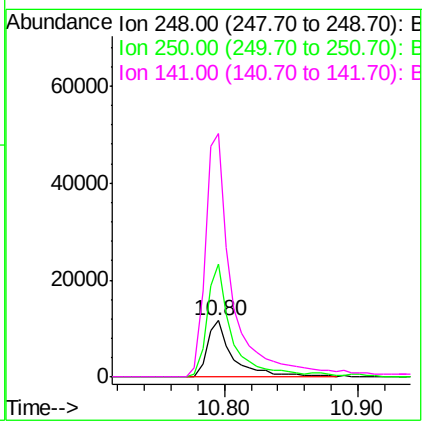


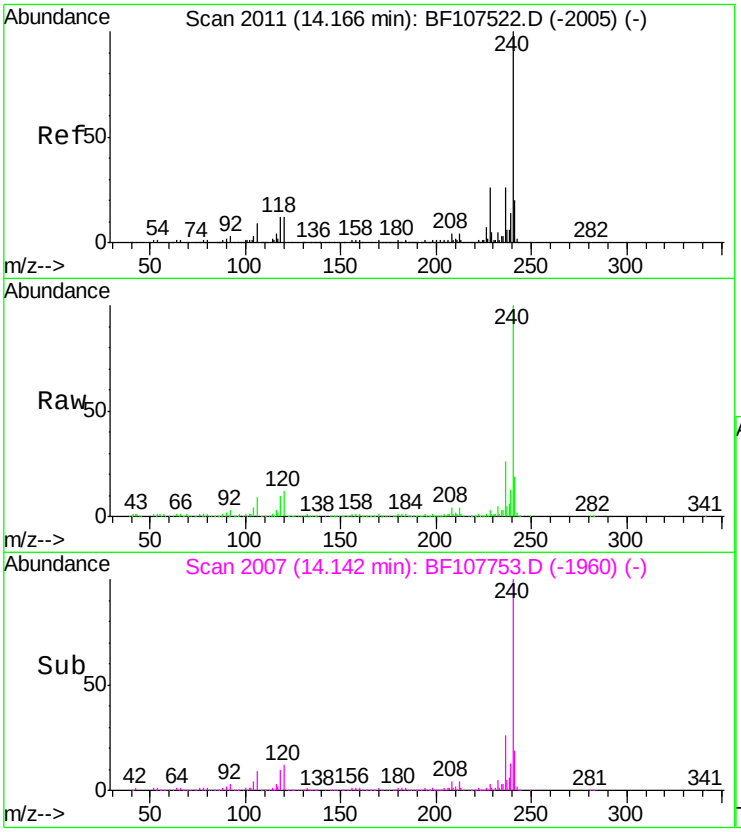


#66
4-Bromophenyl-phenylether
Concen: 2.844 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.26 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Tgt Ion:248 Resp: 15706

Ion	Ratio	Lower	Upper
248	100		
250	201.5	76.9	115.3#
141	432.9	74.4	111.6#



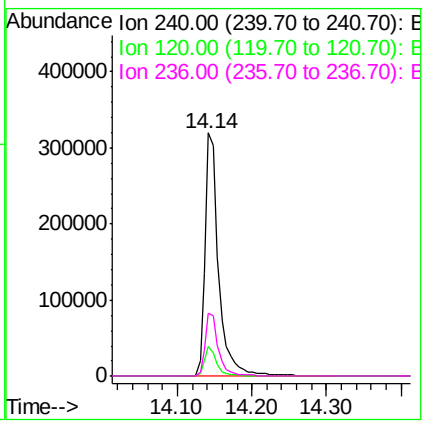


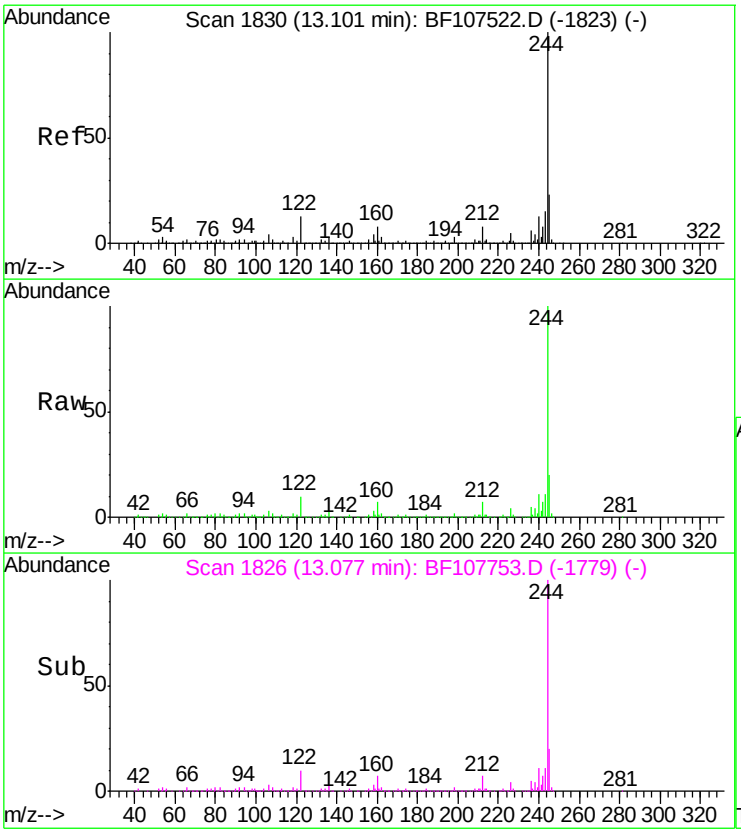
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tgt Ion:240 Resp: 410001

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.7	20.7	31.1

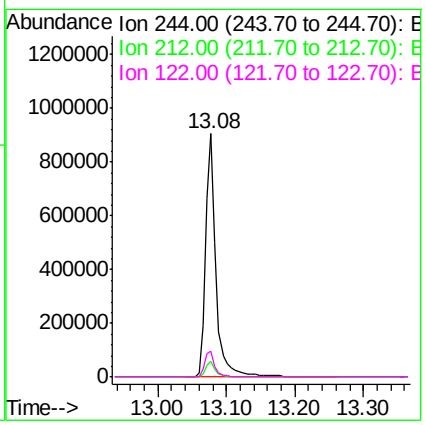


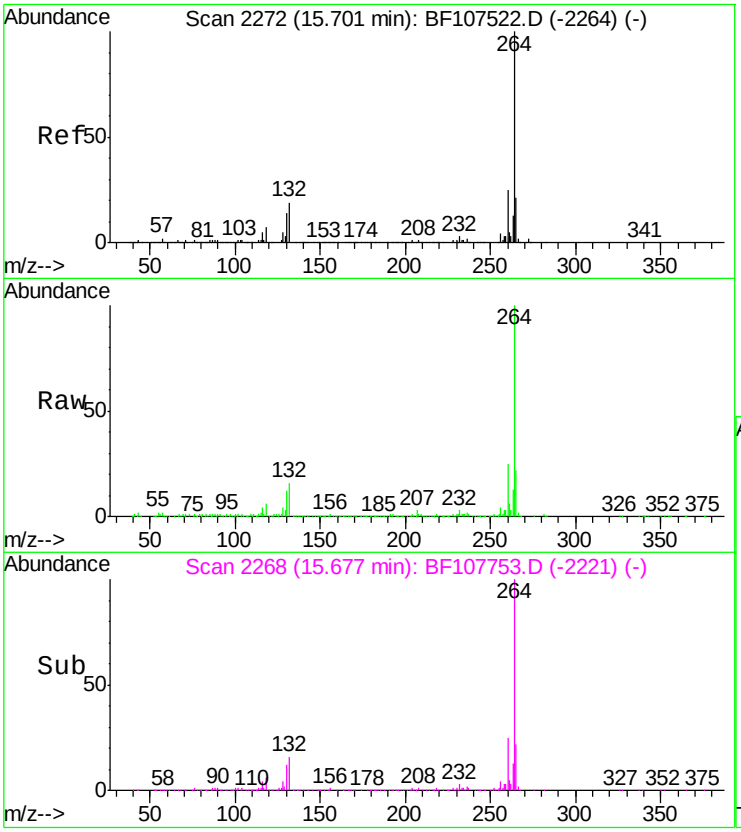


#78
Terphenyl-d14
Concen: 60.799 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF107753.D
Acq: 27 Jul 2018 18:34

Tgt Ion:244 Resp: 973707

Ion	Ratio	Lower	Upper
244	100		
212	6.6	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: BF107753.D
Acq: 27 Jul 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tgt Ion:264 Resp: 414177

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.9	17.5	26.3