Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
Data File : BF107783.D
Acq On : 28 Jul 2018 8:43
Operator : JU/SJ
Sample : J4199-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-30

Quant Time: Jul 30 01:35:32 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	136981	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	529674	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	213490	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	367373	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	389964	20.00	ng	-0.02
86) Perylene-d12	15.68	264	320439	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	415098	48.72	ng	-0.01
7) Phenol-d6	6.60	99	362263	35.41	ng	-0.01
23) Nitrobenzene-d5	7.53	82	860203	109.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	316420	130.34	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1586108	164.81	ng	-0.02
78) Terphenyl-d14	13.08	244	1363721	89.53	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	105363	15.943	ng	# 79
25) Isophorone	7.53	82	875559	52.248	ng	# 64
49) Dimethylphthalate	9.71	163	39946	2.483	ng	99
50) 2,6-Dinitrotoluene	10.00	165	26391	8.261	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	26391	6.844	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.79	198	306	8.822	ng	# 1
66) 4-Bromophenyl-phenylether	10.79	248	17761	4.107	ng	# 1
73) Di-n-butylphthalate	12.04	149	2321	Below Cal		# 78

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

Quantitation Report (Not Reviewed)

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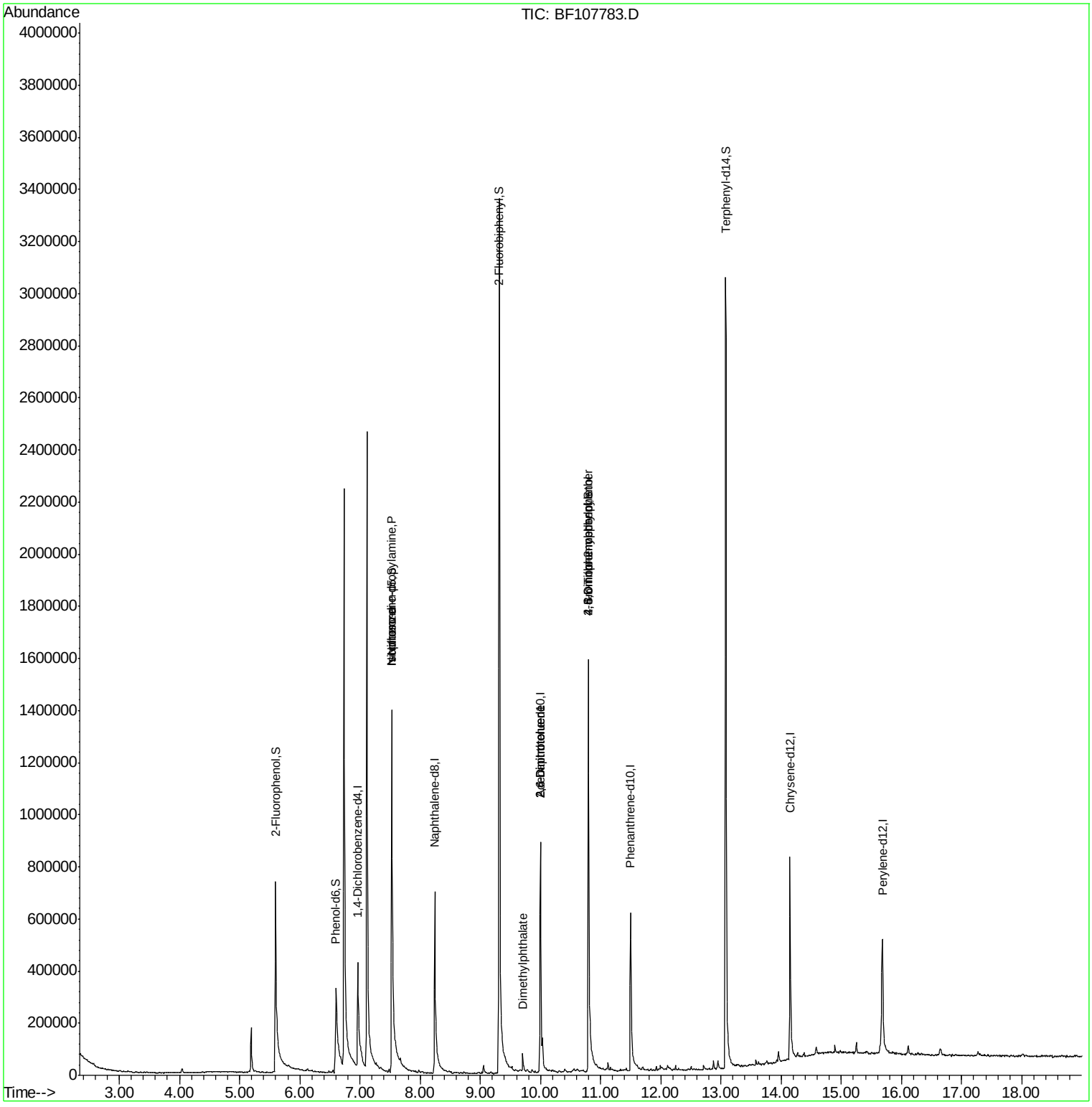
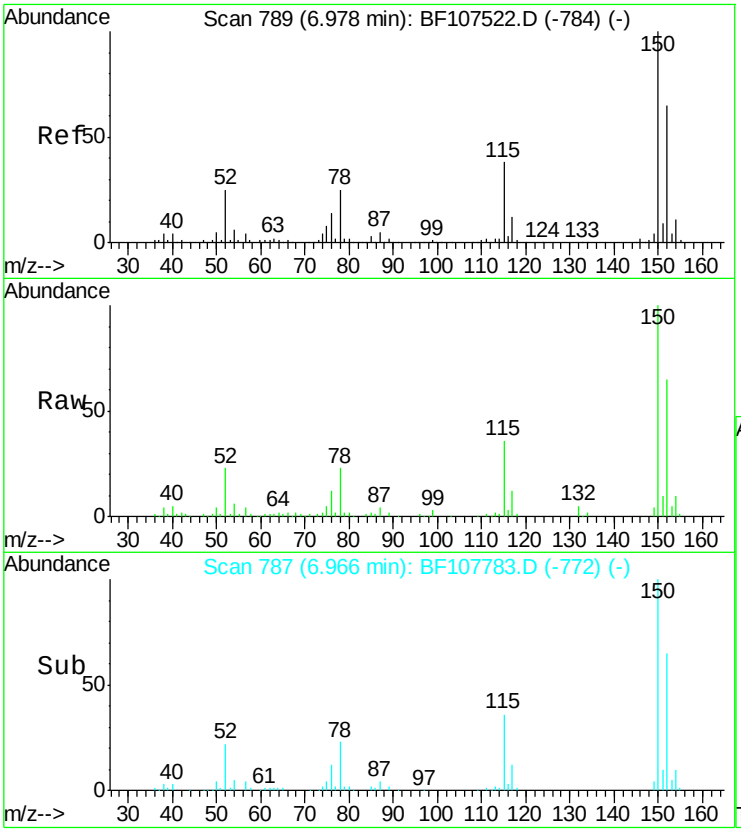
BNA_F
ClientSampleId :
MW-30

Quant Time: Jul 30 01:35:32 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



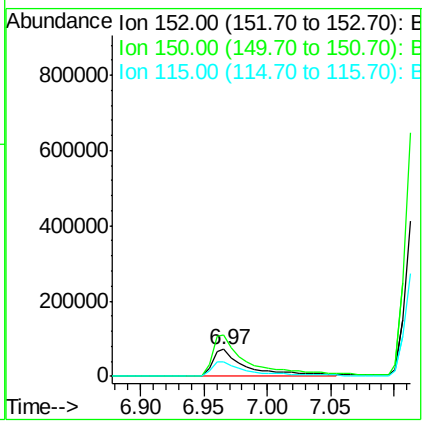


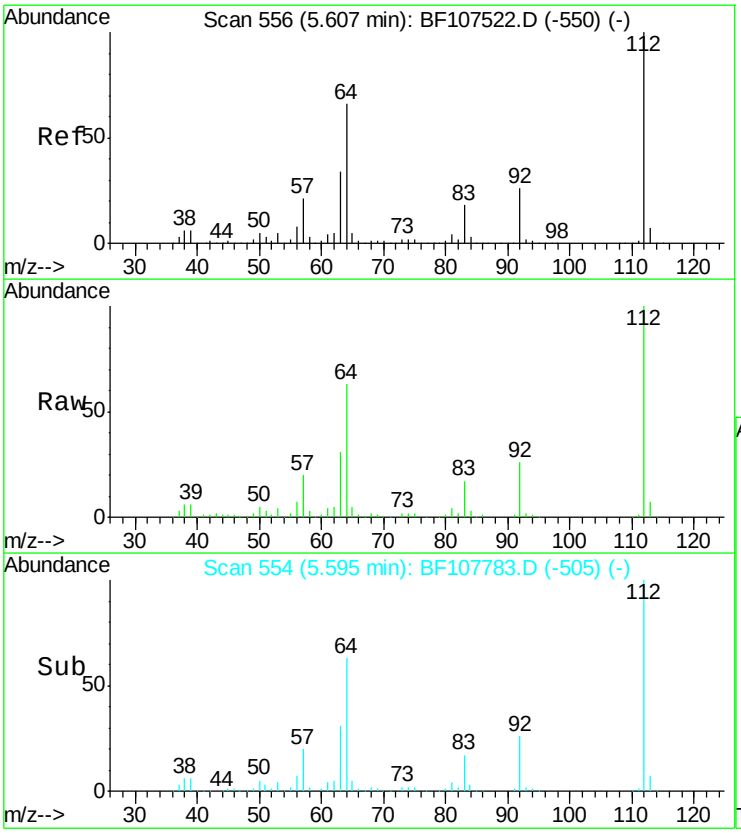
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Instrument :
BNA_F
ClientSampleId :
MW-30

Tgt Ion:152 Resp: 136981

Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	55.0	50.1	75.1

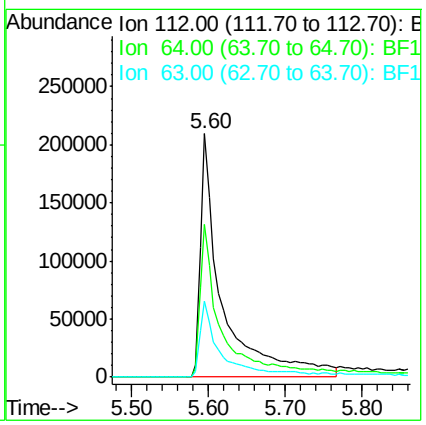


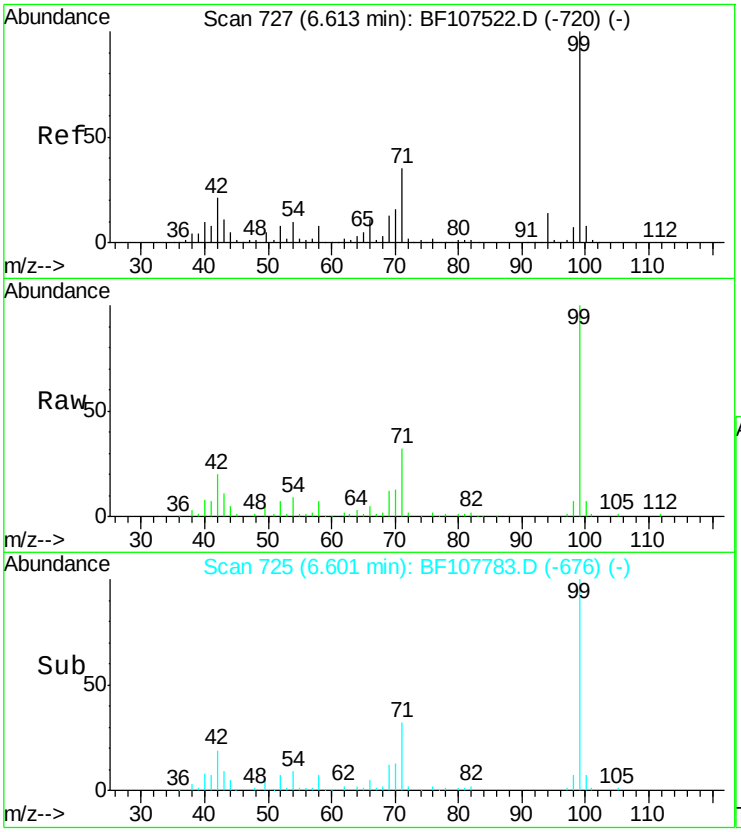


#5
2-Fluorophenol
Concen: 48.722 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Tgt Ion:112 Resp: 415098

Ion	Ratio	Lower	Upper
112	100		
64	62.6	47.9	71.9
63	31.1	23.7	35.5



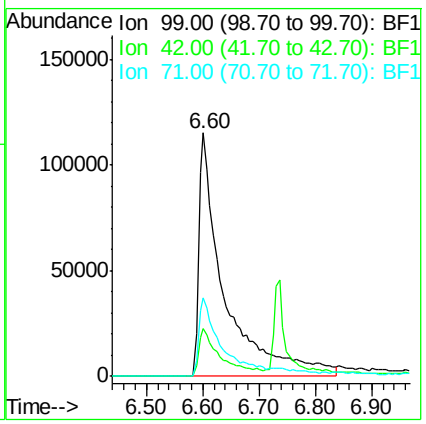


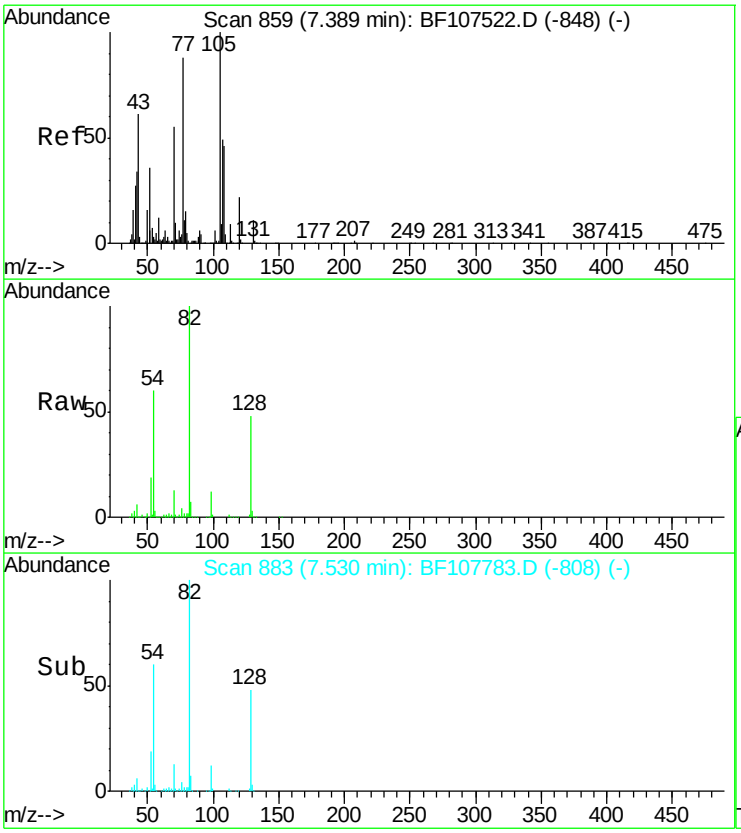
#7
Phenol-d6
Concen: 35.412 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Instrument :
BNA_F
ClientSampleId :
MW-30

Tgt Ion: 99 Resp: 362263

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	32.4	25.4	38.0

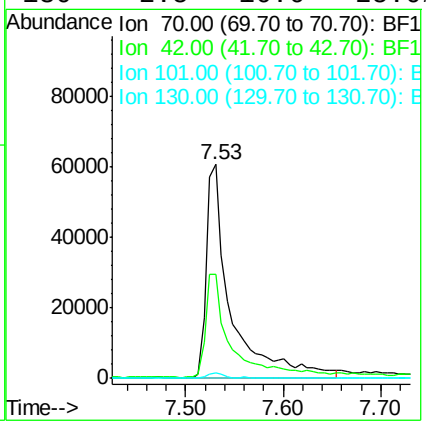


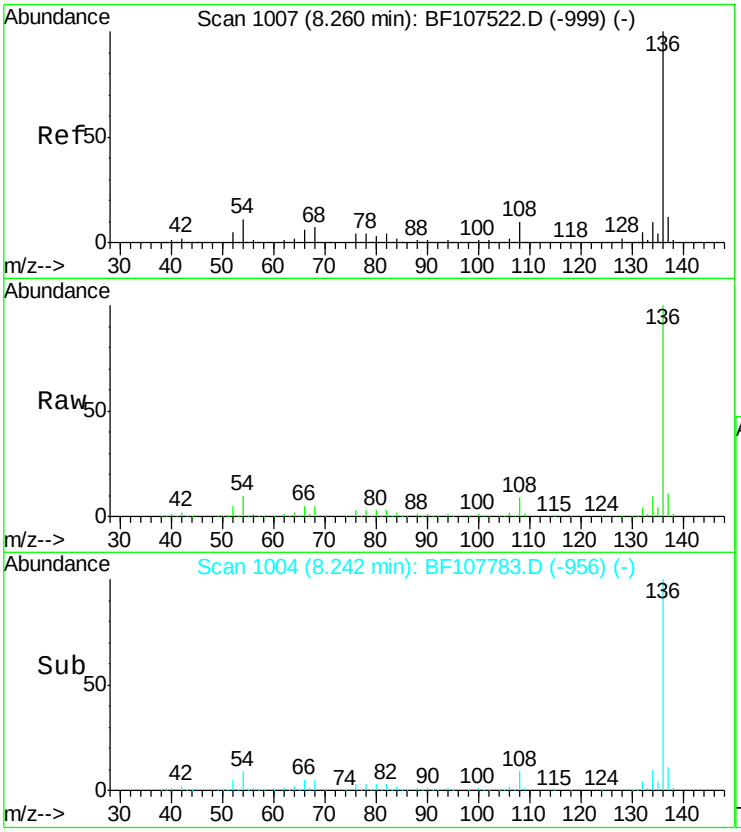


#19
n-Nitroso-di-n-propylamine
Concen: 15.943 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Tgt Ion: 70 Resp: 105363

Ion	Ratio	Lower	Upper
70	100		
42	48.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



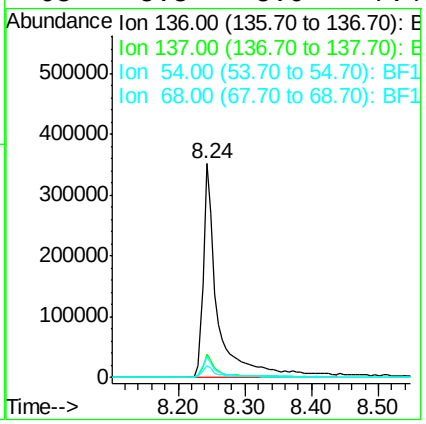


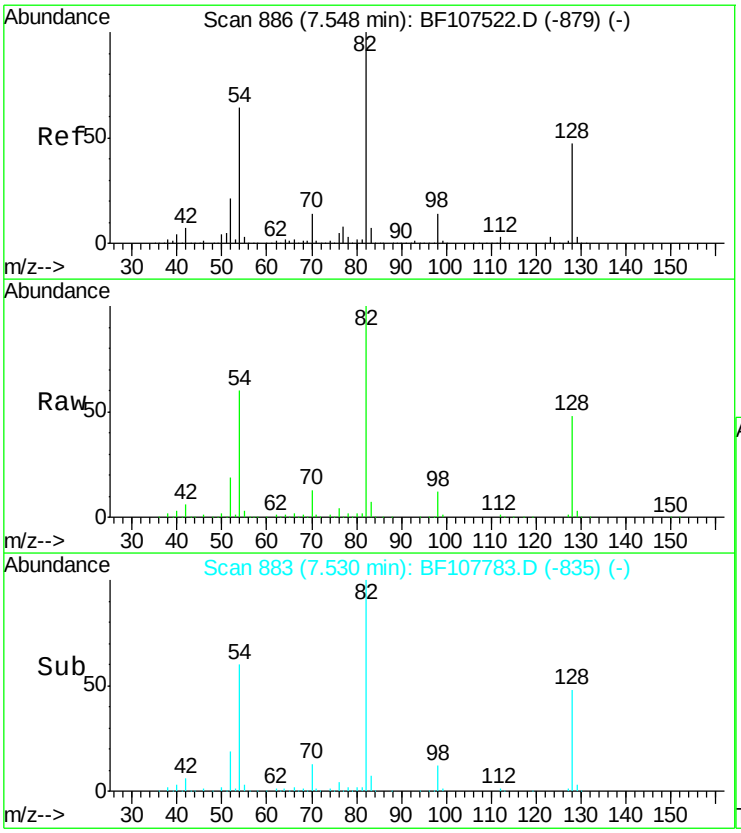
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Instrument :
BNA_F
ClientSampleId :
MW-30

Tgt Ion:136 Resp: 529674

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.6	6.6	9.8
68	5.3	5.0	7.4

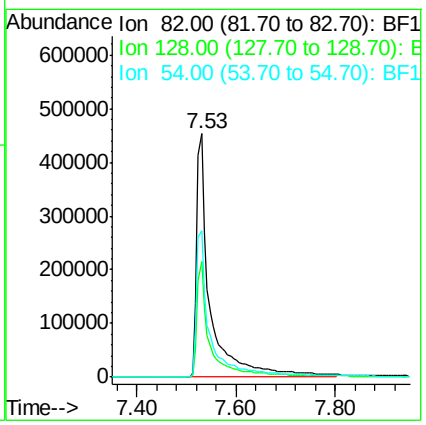


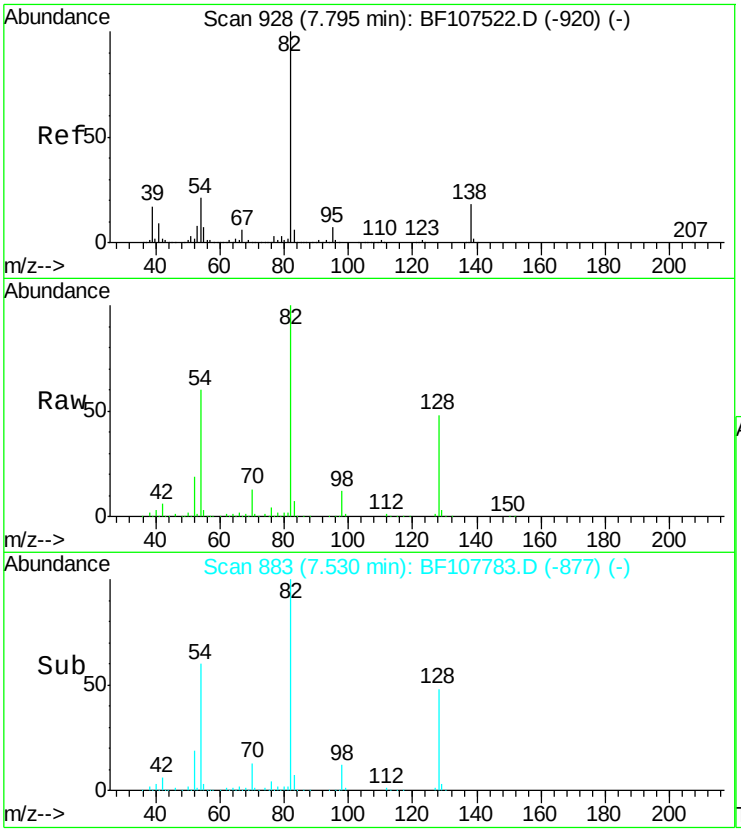


#23
Nitrobenzene-d5
Concen: 109.602 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Tgt Ion: 82 Resp: 860203

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	60.0	41.4	62.2



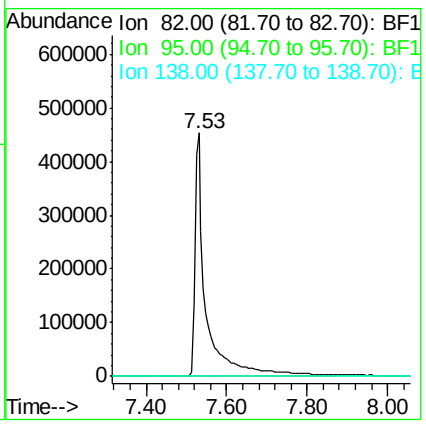


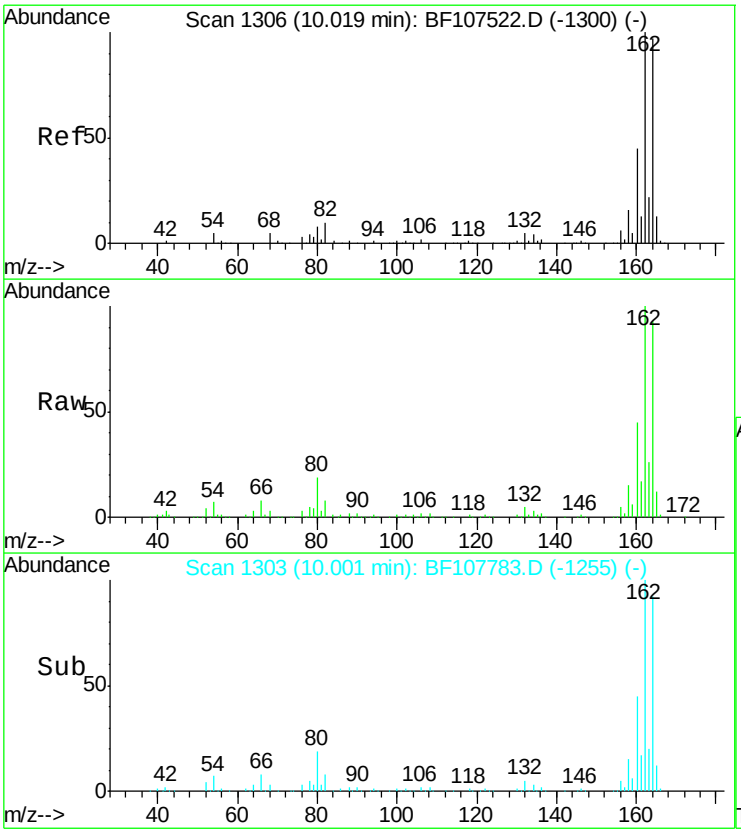
#25
Isophorone
Concen: 52.248 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Instrument :
BNA_F
ClientSampleId :
MW-30

Tgt Ion: 82 Resp: 875559

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

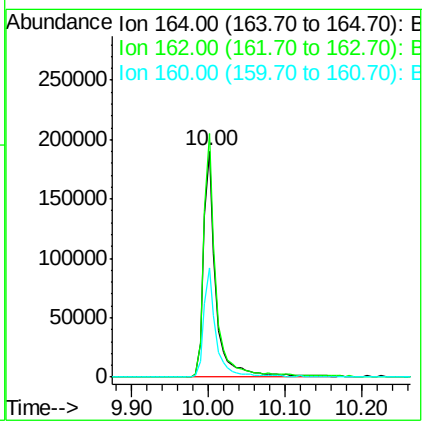


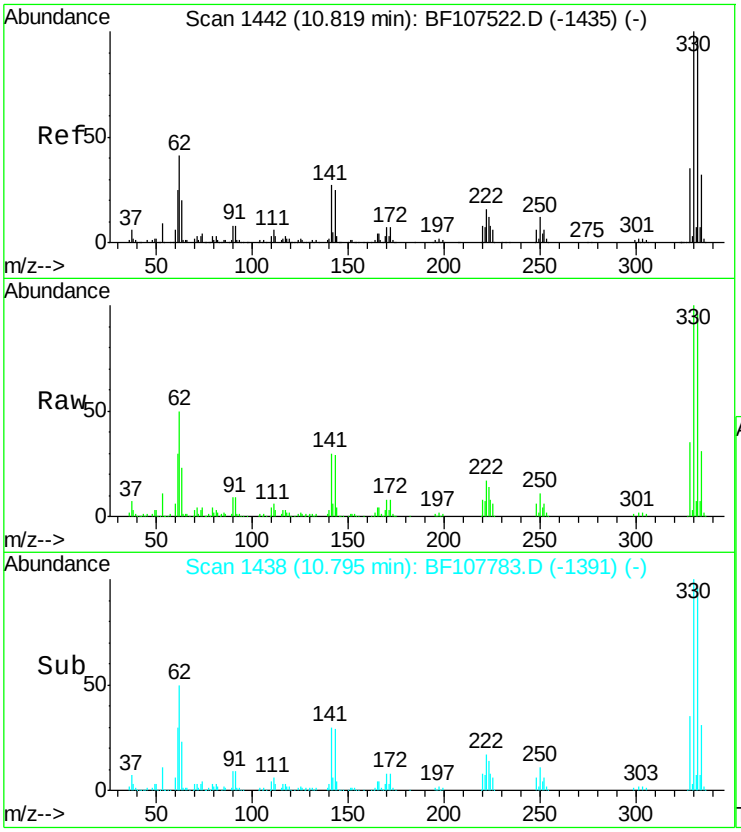


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Tgt Ion:164 Resp: 213490

Ion	Ratio	Lower	Upper
164	100		
162	107.9	86.1	129.1
160	48.5	38.3	57.5



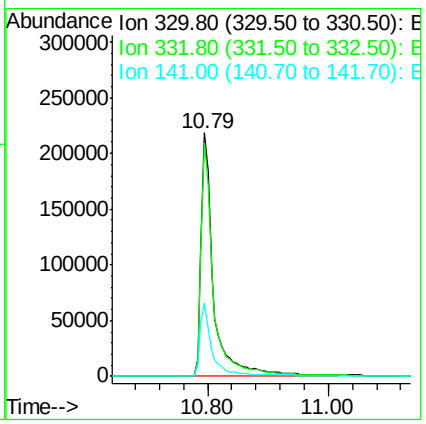


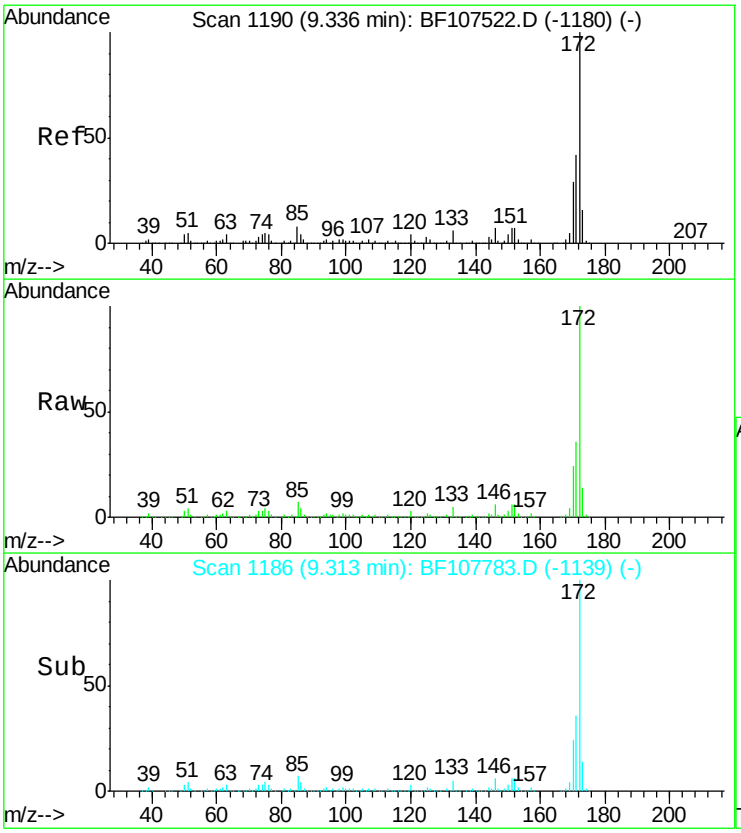
#41
2,4,6-Tribromophenol
Concen: 130.337 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Instrument :
BNA_F
ClientSampleId :
MW-30

Tgt Ion:330 Resp: 316420

Ion	Ratio	Lower	Upper
330	100		
332	92.3	77.0	115.6
141	28.1	29.9	44.9#

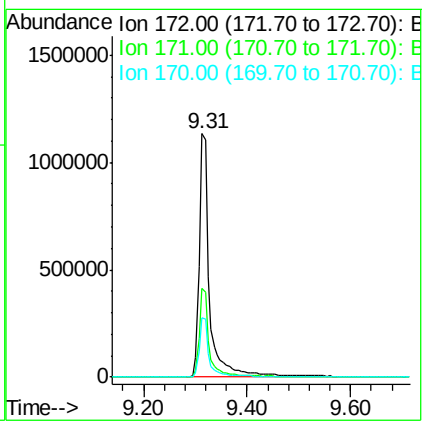


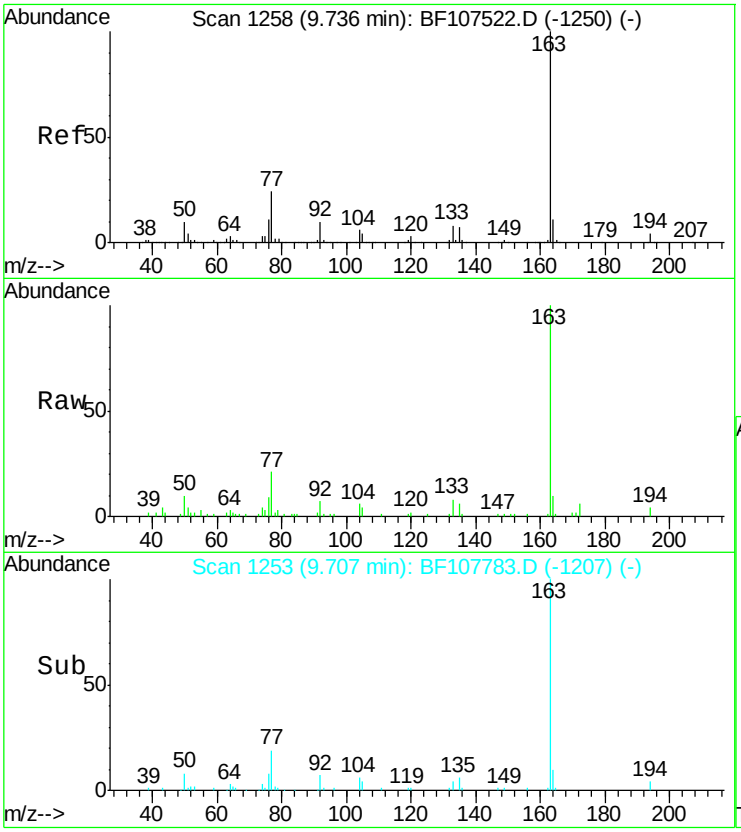


#44
2-Fluorobiphenyl
Concen: 164.810 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Tgt Ion:172 Resp: 1586108

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4



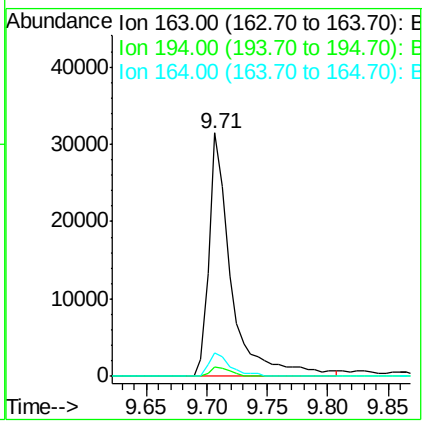


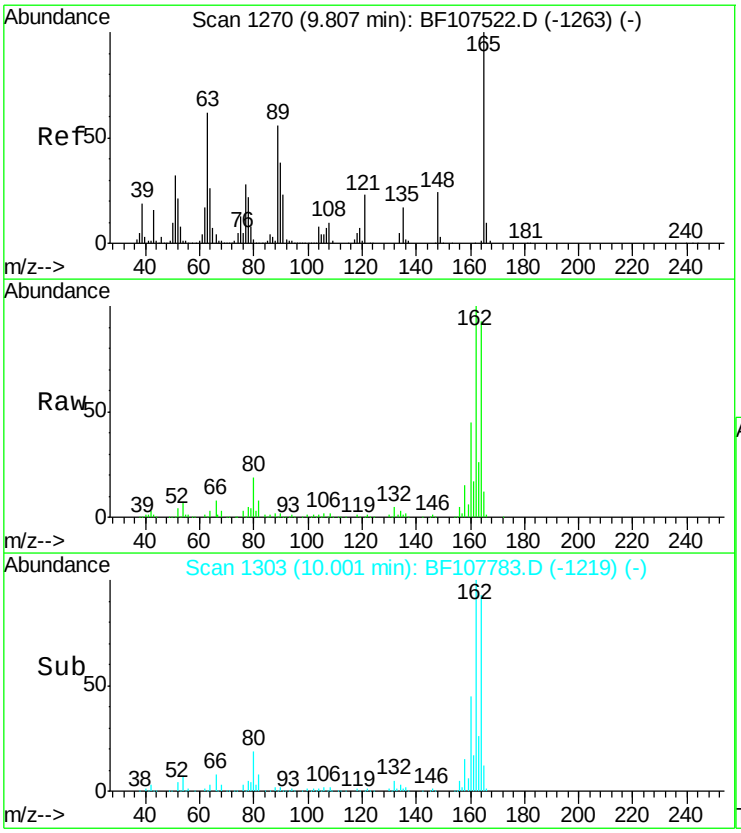
#49
Dimethylphthalate
Concen: 2.483 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Instrument :
BNA_F
ClientSampleId :
MW-30

Tgt Ion:163 Resp: 39946

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.8	8.2	12.2

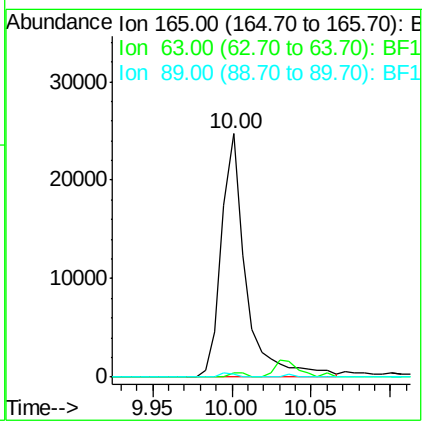


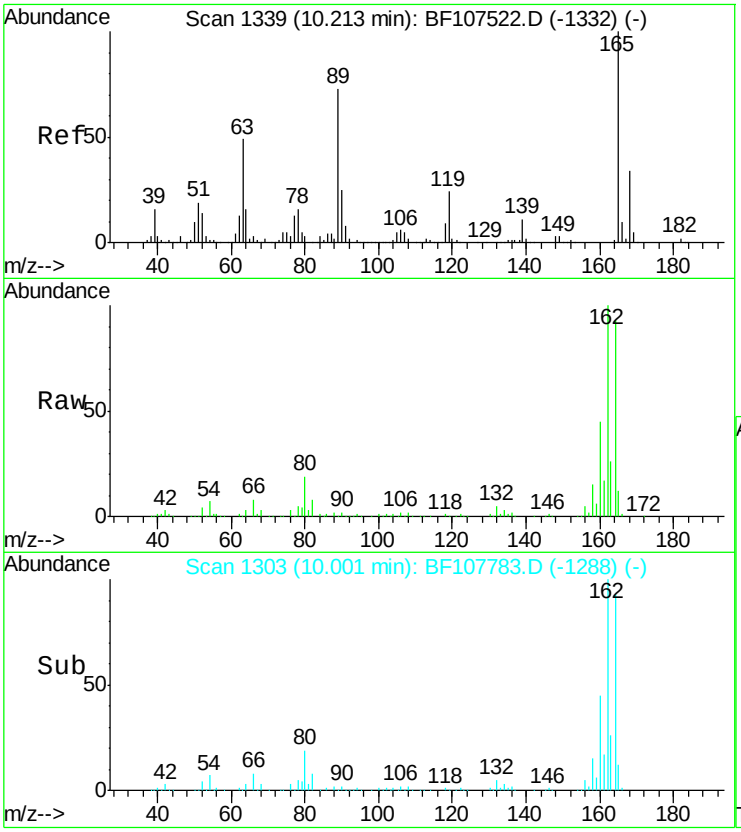


#50
2,6-Dinitrotoluene
Concen: 8.261 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.19 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Tgt Ion:165 Resp: 26391

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.4	44.0	66.0#



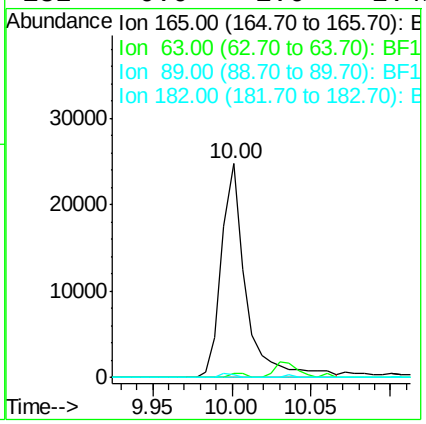


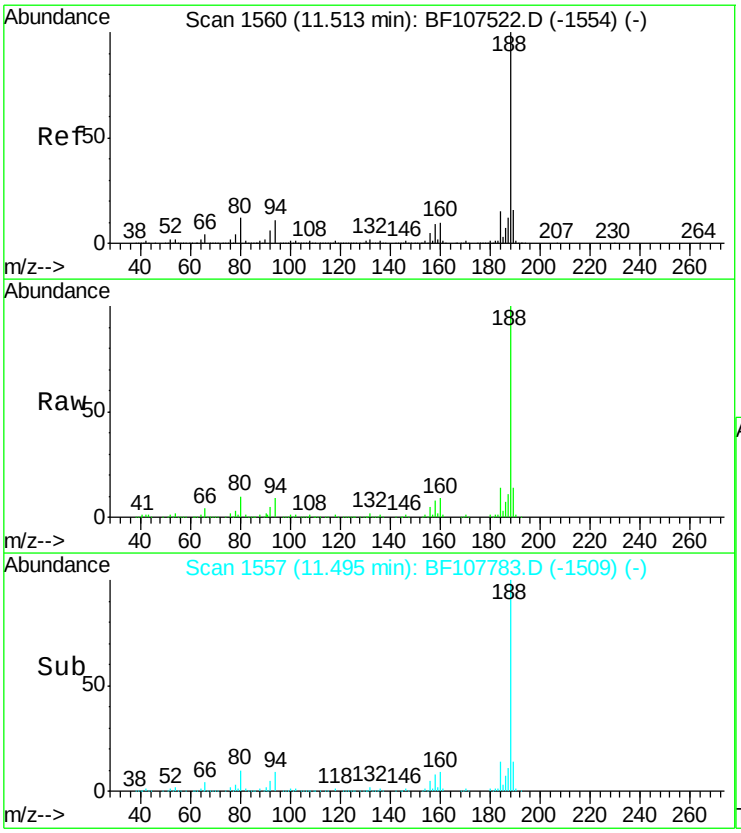
#56
2,4-Dinitrotoluene
Concen: 6.844 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Instrument :
BNA_F
ClientSampleId :
MW-30

Tgt Ion:165 Resp: 26391

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

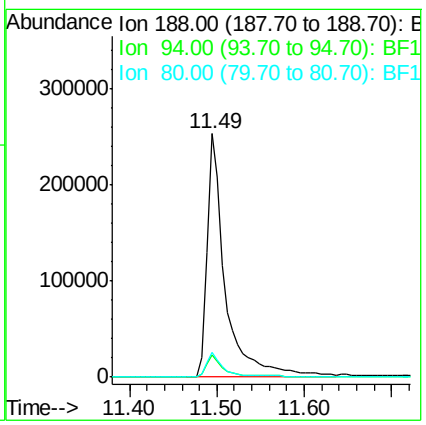


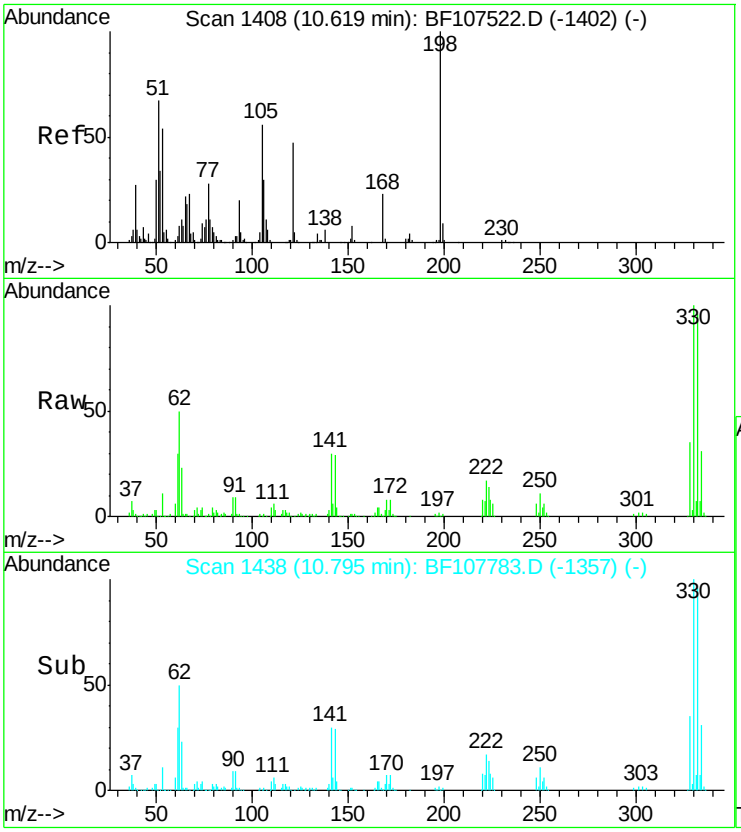


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Tgt Ion:188 Resp: 367373

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.0	9.2	13.8



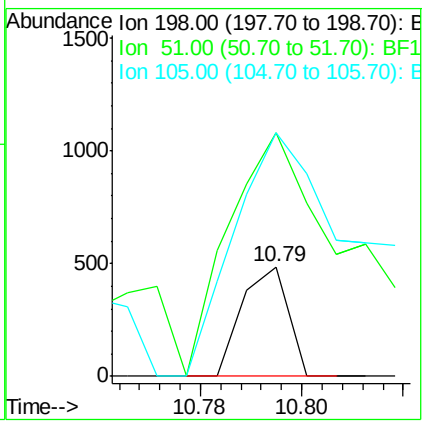


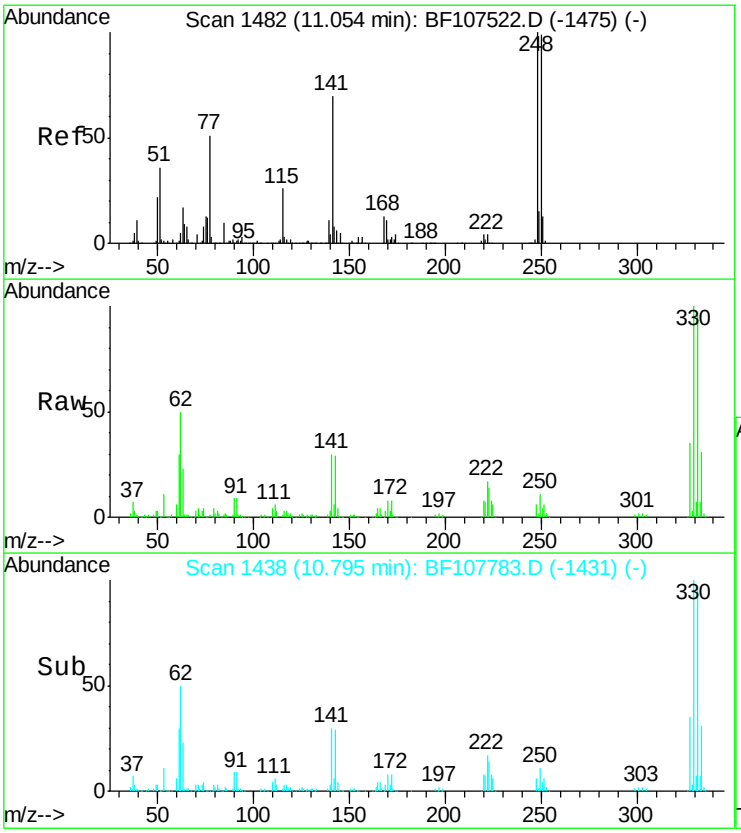
#64
4,6-Dinitro-2-methylphenol
Concen: 8.822 ng
RT: 10.79 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Instrument :
BNA_F
ClientSampleId :
MW-30

Tgt Ion:198 Resp: 306

Ion	Ratio	Lower	Upper
198	100		
51	222.2	37.7	77.7#
105	222.2	36.3	76.3#

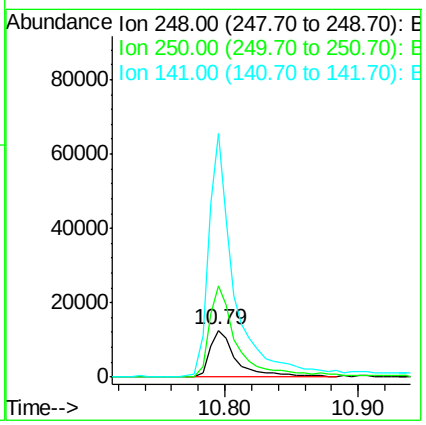


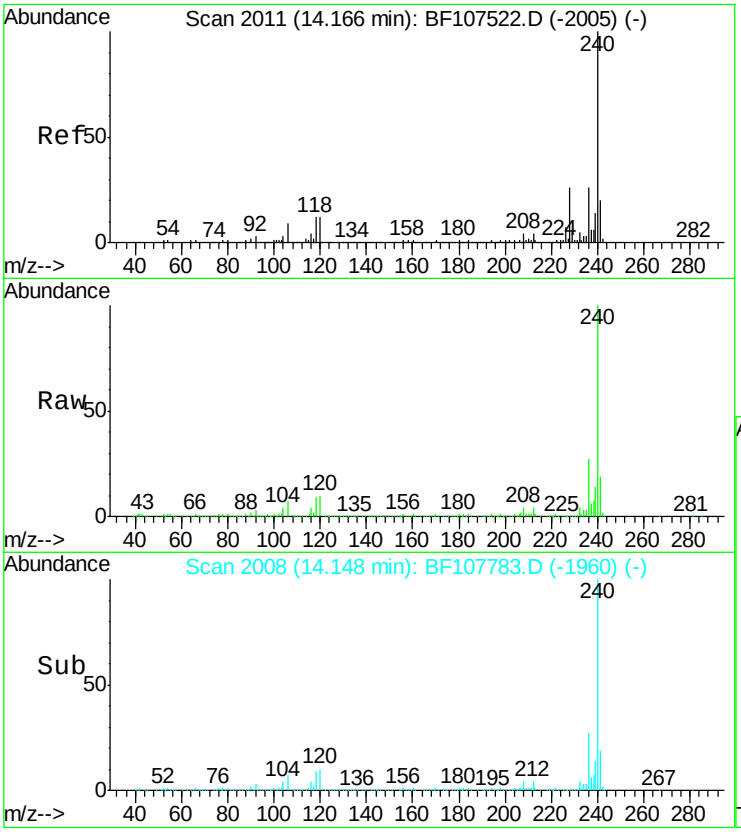


#66
4-Bromophenyl-phenylether
Concen: 4.107 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.26 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Tgt Ion:248 Resp: 17761

Ion	Ratio	Lower	Upper
248	100		
250	194.9	76.9	115.3#
141	523.2	74.4	111.6#



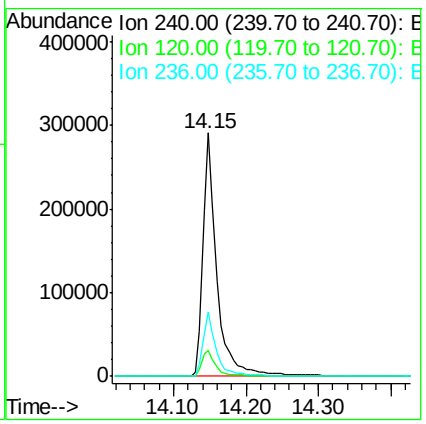


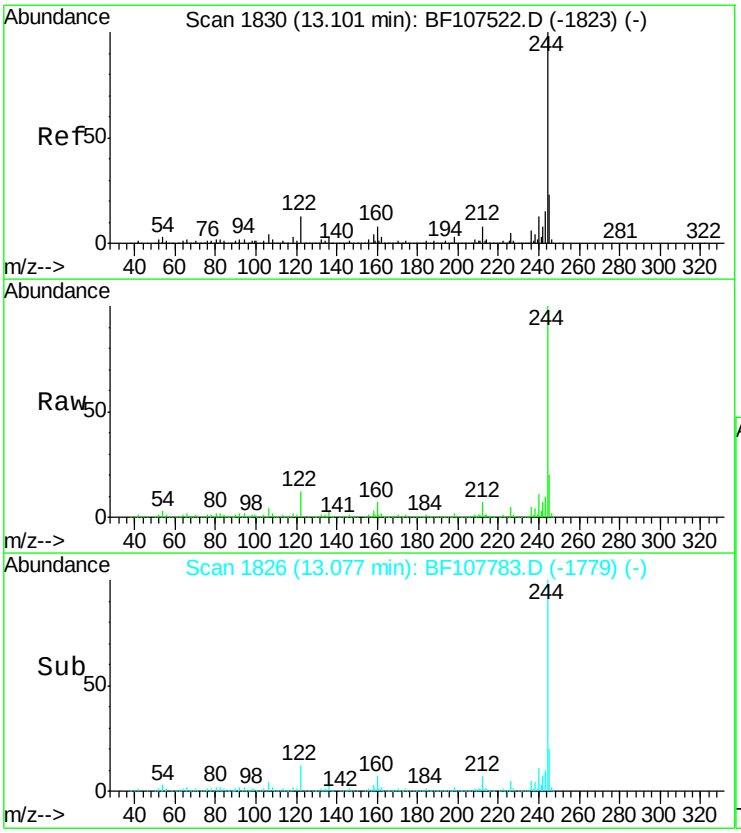
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Instrument :
BNA_F
ClientSampleId :
MW-30

Tgt Ion:240 Resp: 389964

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	26.6	20.7	31.1

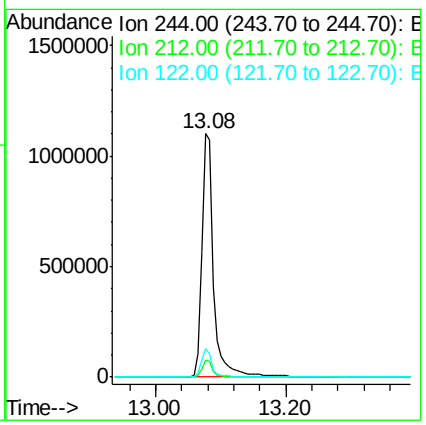


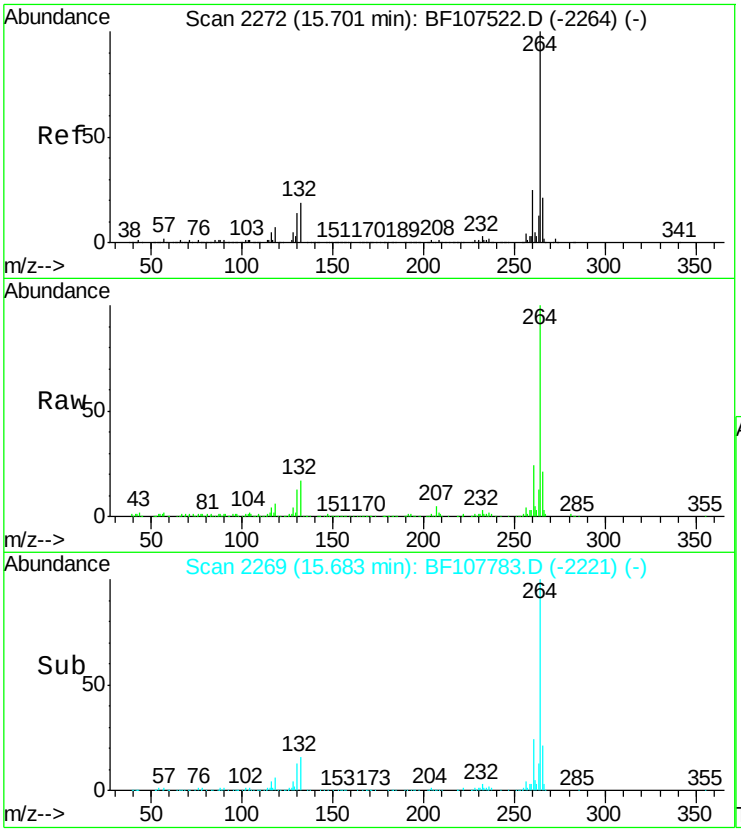


#78
Terphenyl-d14
Concen: 89.527 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Tgt Ion:244 Resp: 1363721

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF107783.D
Acq: 28 Jul 2018 8:43

Instrument :
BNA_F
ClientSampleId :
MW-30

Tgt Ion:264 Resp: 320439

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.5	17.5	26.3