Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107685.D
Acq On : 26 Jul 2018 5:02
Operator : JU/SJ
Sample : J4133-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 26 07:53:38 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	177410	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	646572	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	244110	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	421431	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	346008	20.00	ng	-0.01
86) Perylene-d12	15.69	264	276381	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	434831	39.41	ng	-0.01
7) Phenol-d6	6.60	99	380539	28.72	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1112432	116.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	260729	93.93	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1886971	182.72	ng	-0.01
78) Terphenyl-d14	13.09	244	1319460	97.63	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	796	Below Cal	#	1
15) Benzyl Alcohol	7.12	79	18632	2.063	ng	# 45
19) n-Nitroso-di-n-propylamine	7.54	70	142665	16.668	ng	# 76
25) Isophorone	7.54	82	1112432	54.381	ng	# 64
49) Dimethylphthalate	9.71	163	37843	2.057	ng	98
50) 2,6-Dinitrotoluene	10.01	165	29991	8.211	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	30112	6.829	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	530	8.894	ng	# 11
66) 4-Bromophenyl-phenylether	10.80	248	15296	3.083	ng	# 1
73) Di-n-butylphthalate	12.05	149	5681	Below Cal	#	90
83) Bis(2-ethylhexyl)phthalate	14.11	149	35402	2.465	ng	95

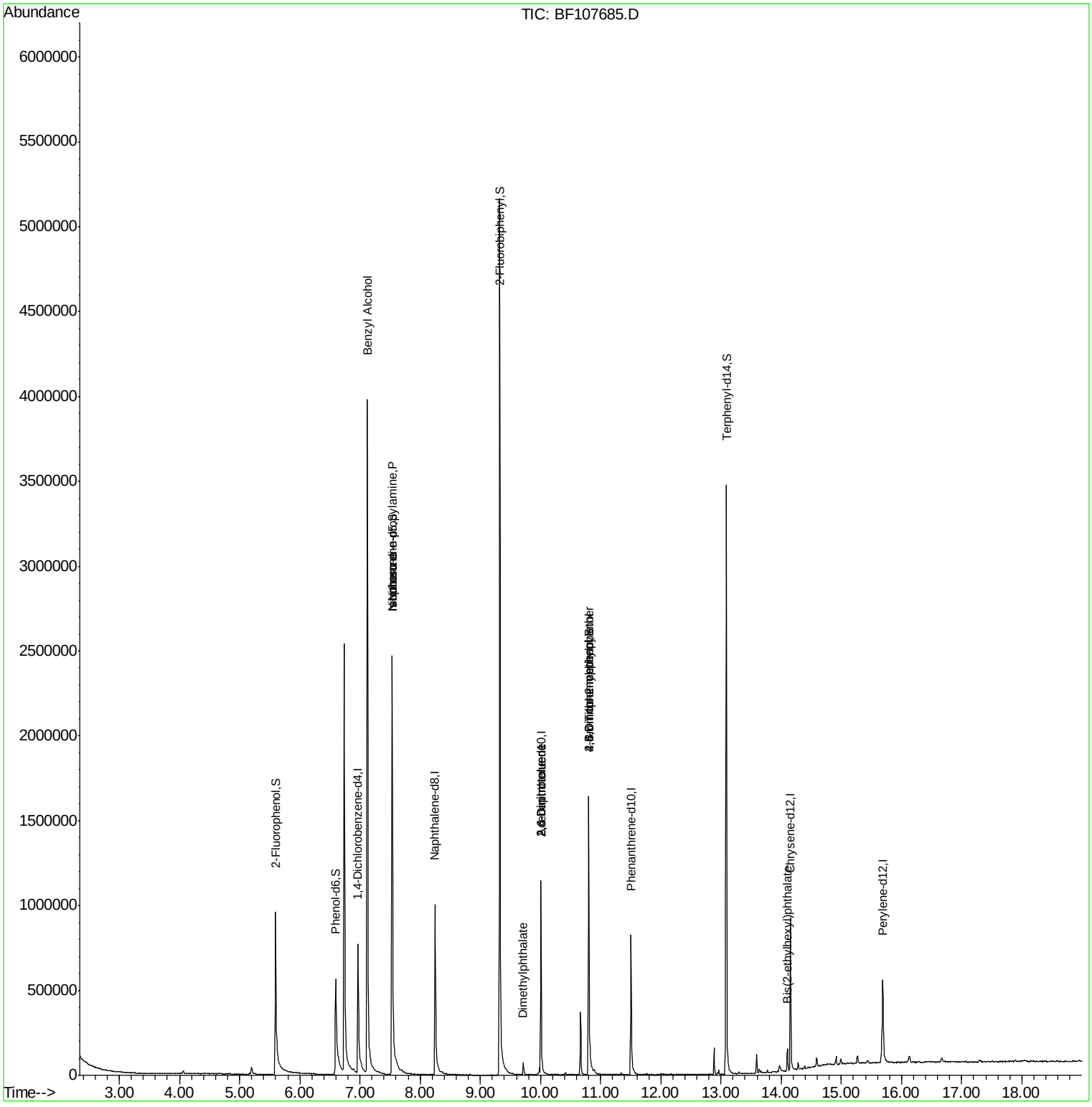
(#) = qualifier out of range (m) = manual integration (+) = signals summed

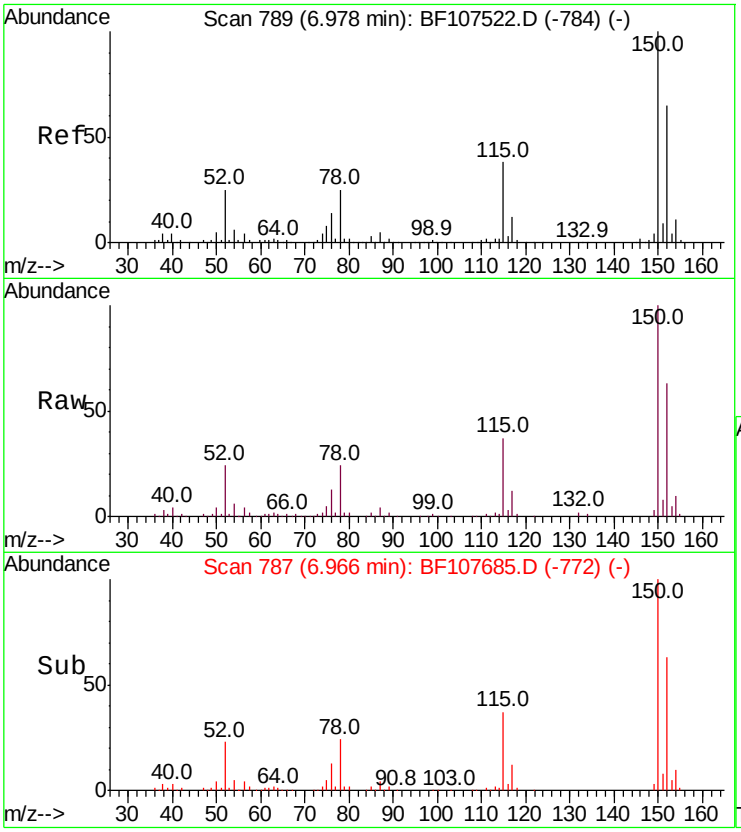
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107685.D
Acq On : 26 Jul 2018 5:02
Operator : JU/SJ
Sample : J4133-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 26 07:53:38 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



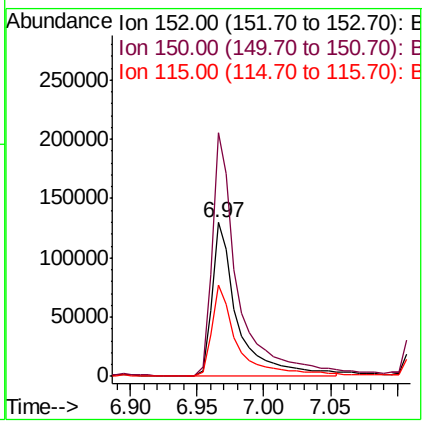


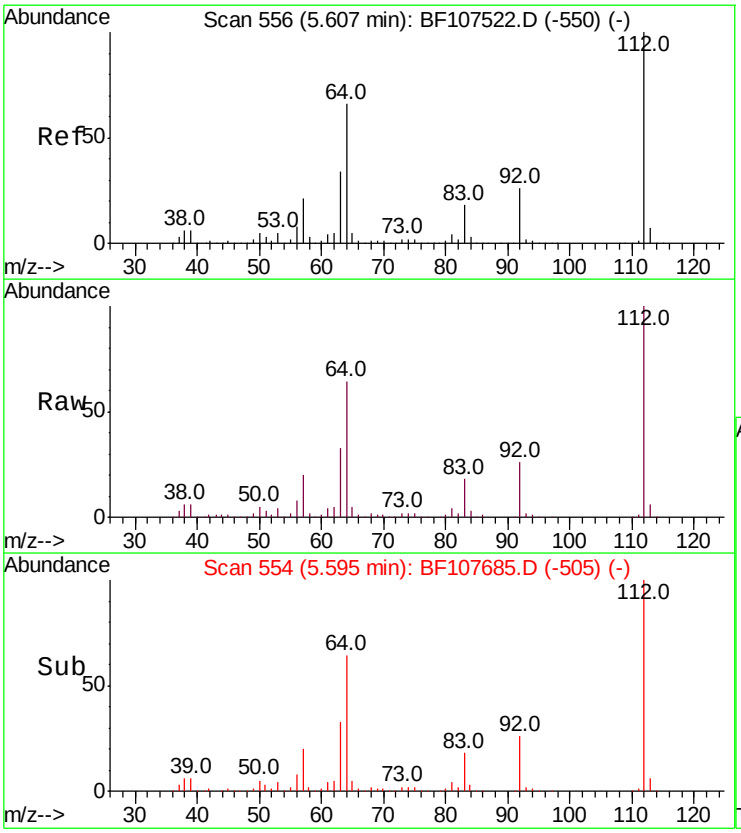
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 177410

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	59.0	50.1	75.1

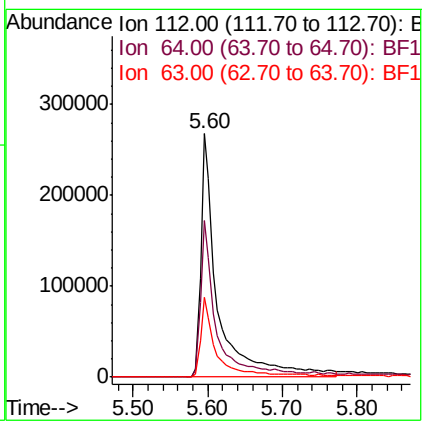


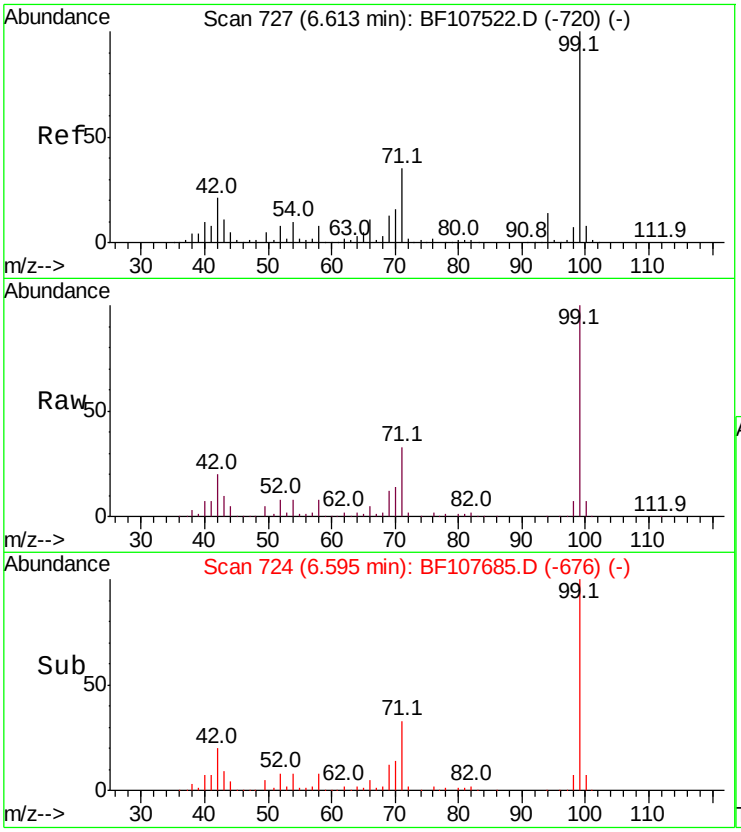


#5
2-Fluorophenol
Concen: 39.407 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Tgt Ion:112 Resp: 434831

Ion	Ratio	Lower	Upper
112	100		
64	64.4	47.9	71.9
63	32.8	23.7	35.5



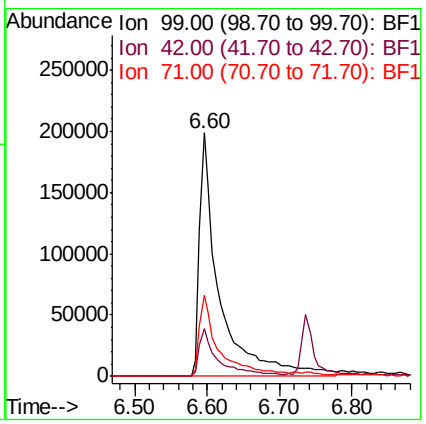


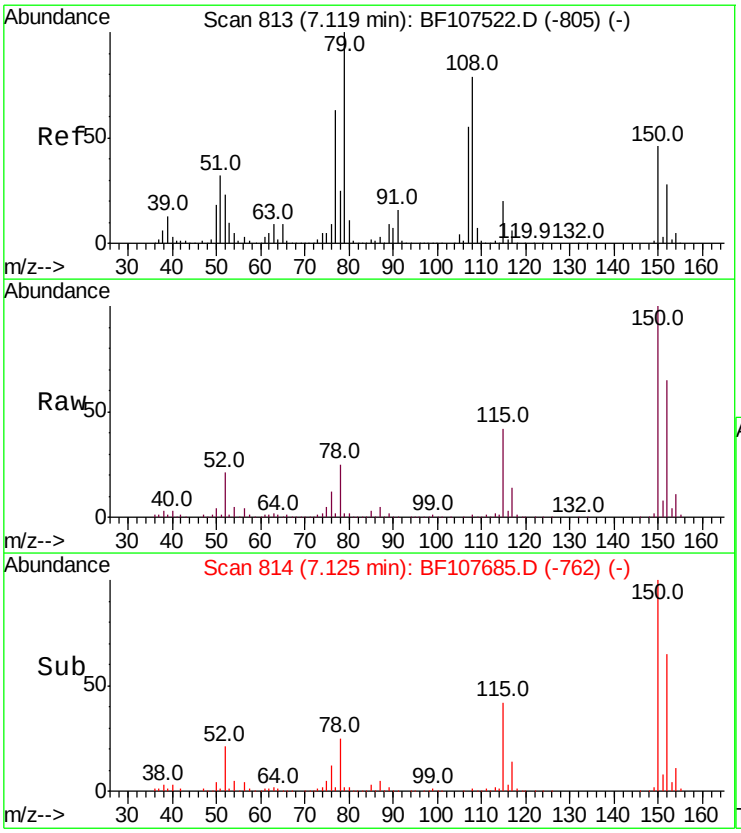
#7
Phenol-d6
Concen: 28.721 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 380539

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	33.1	25.4	38.0

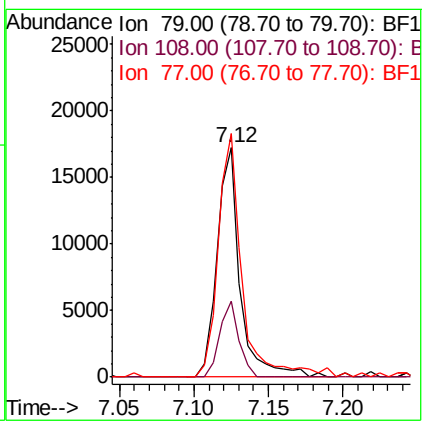


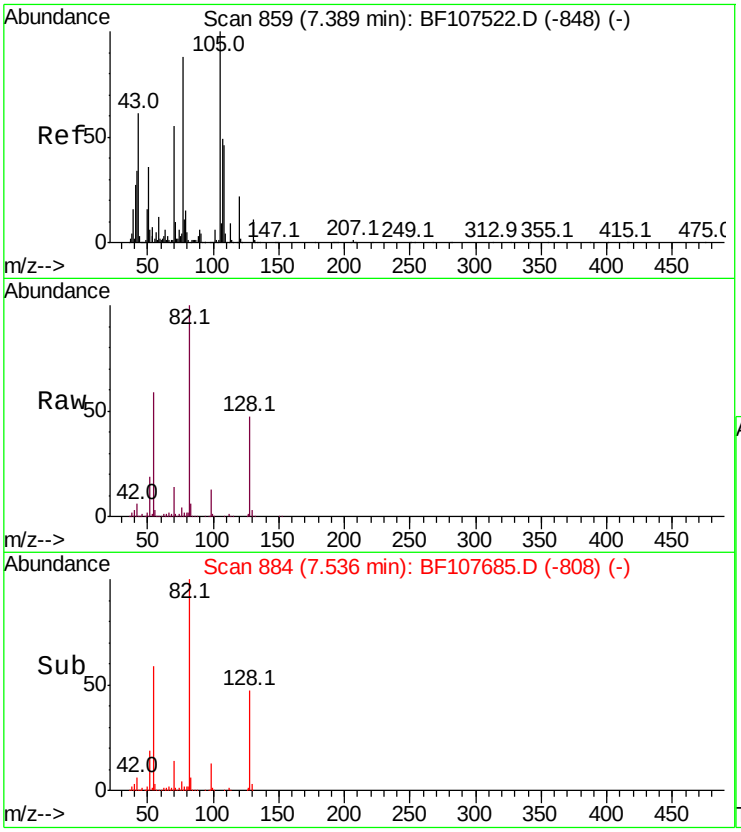


#15
Benzyl Alcohol
Concen: 2.063 ng
RT: 7.12 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Tgt Ion: 79 Resp: 18632

Ion	Ratio	Lower	Upper
79	100		
108	33.2	65.1	97.7#
77	106.2	50.6	75.8#



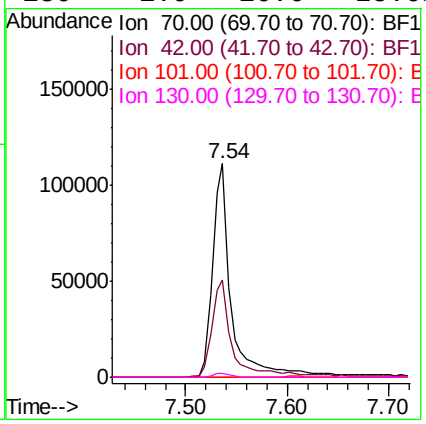


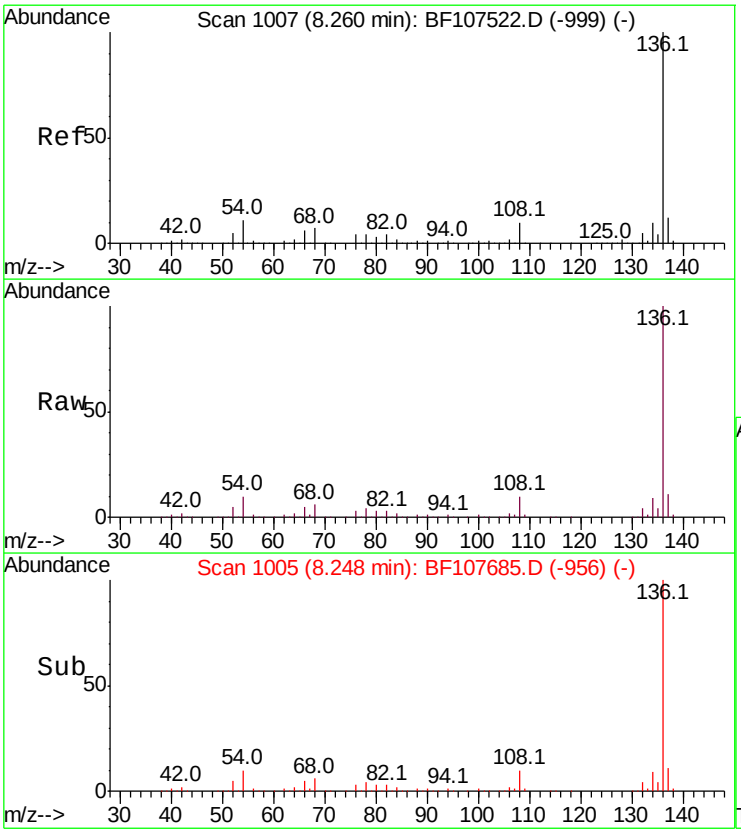
#19
n-Nitroso-di-n-propylamine
Concen: 16.668 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 142665

Ion	Ratio	Lower	Upper
70	100		
42	45.8	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

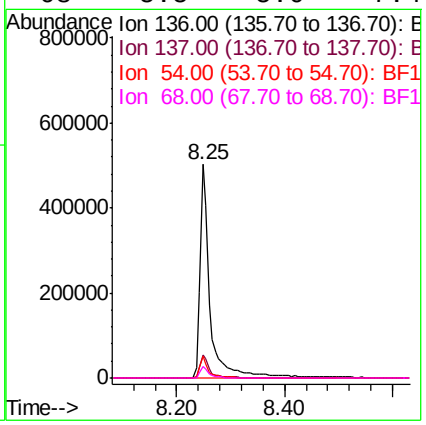


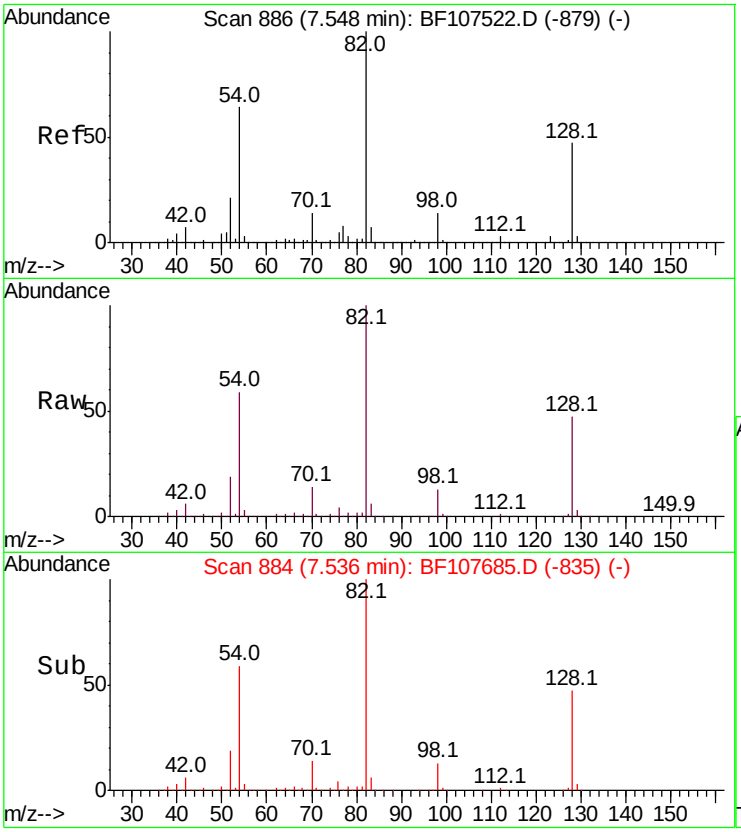


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Tgt Ion:136 Resp: 646572

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.0	6.6	9.8#
68	5.5	5.0	7.4



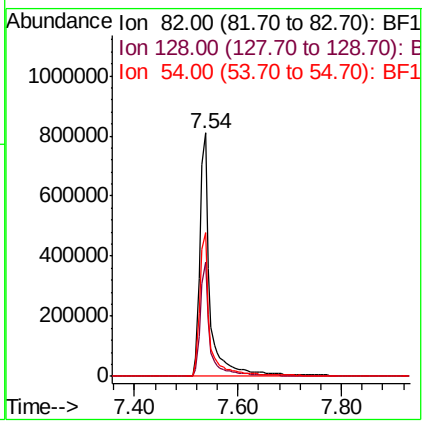


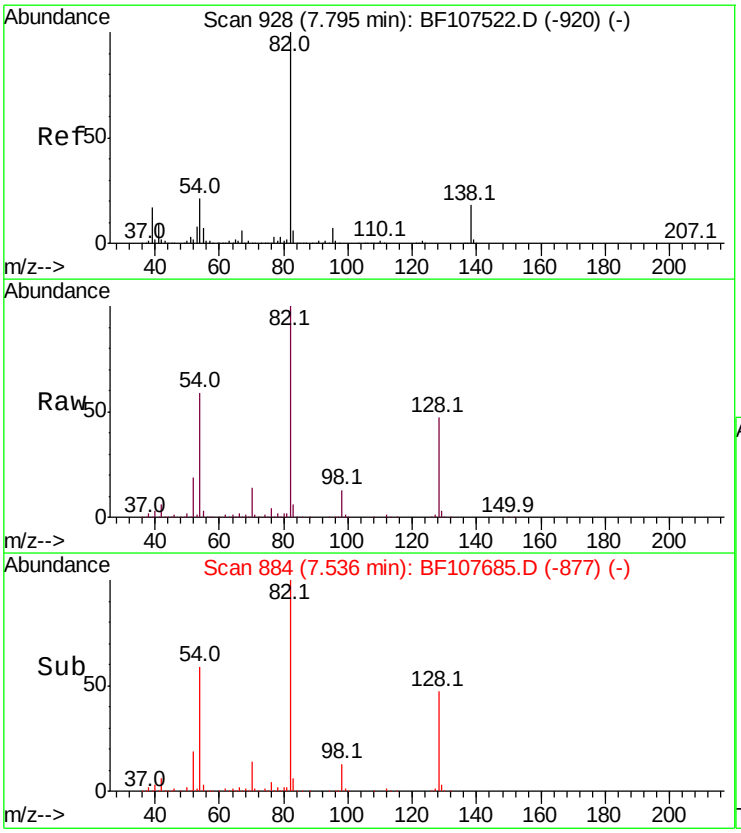
#23
Nitrobenzene-d5
Concen: 116.113 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1112432

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	59.0	41.4	62.2

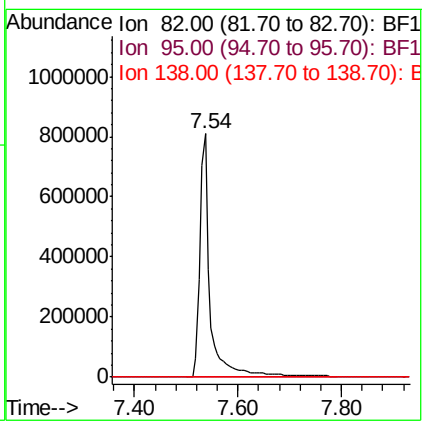


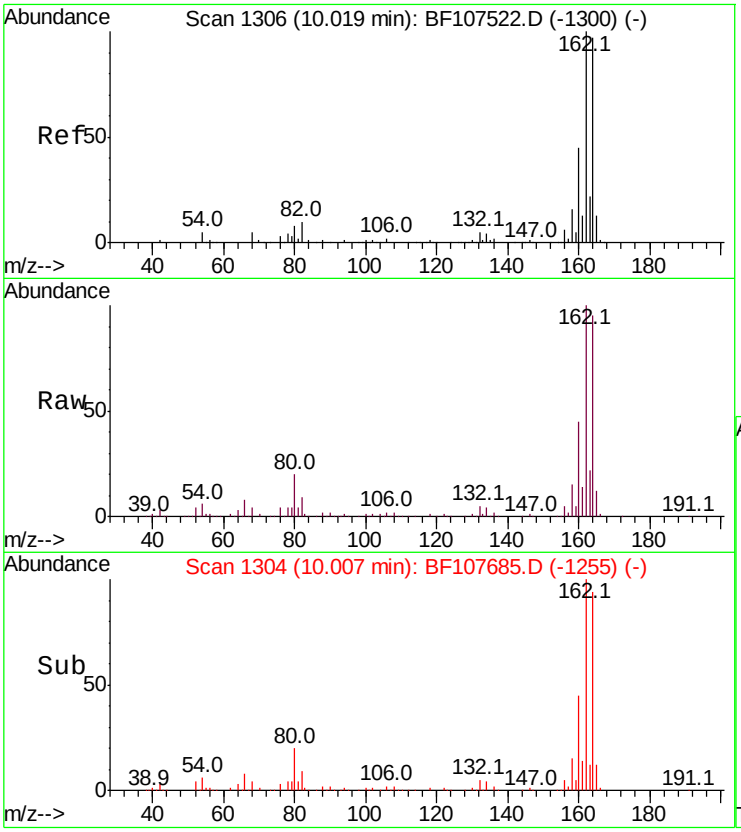


#25
Isophorone
Concen: 54.381 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Tgt Ion: 82 Resp: 1112432

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



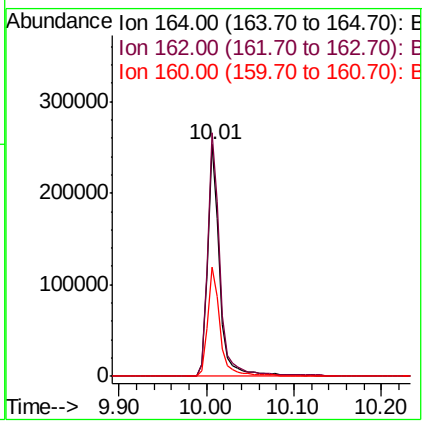


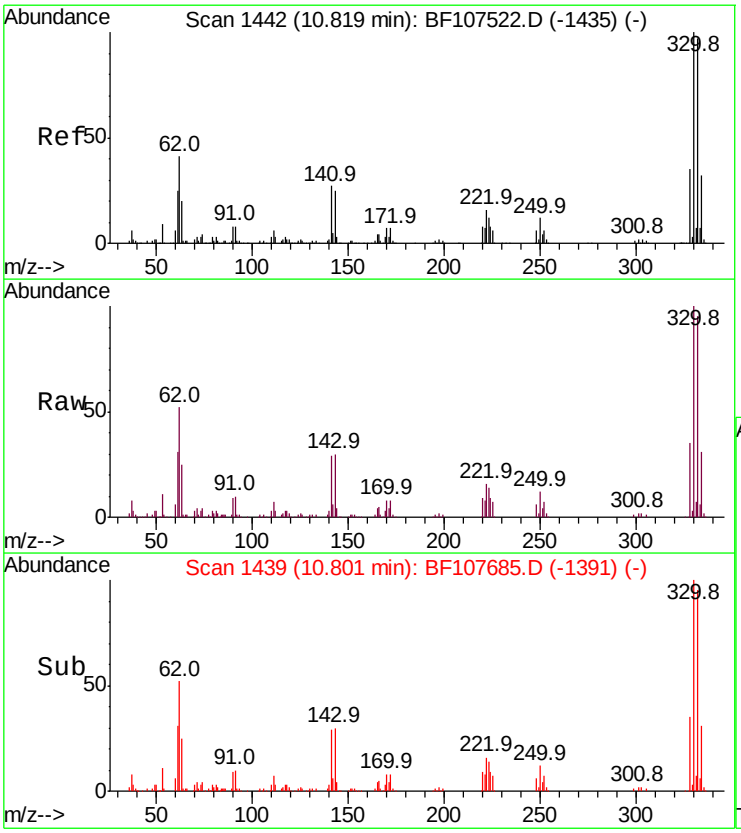
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 244110

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	47.1	38.3	57.5

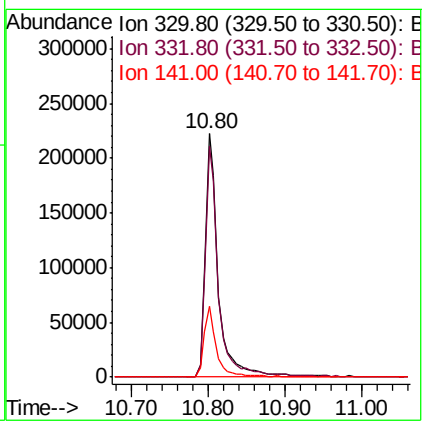


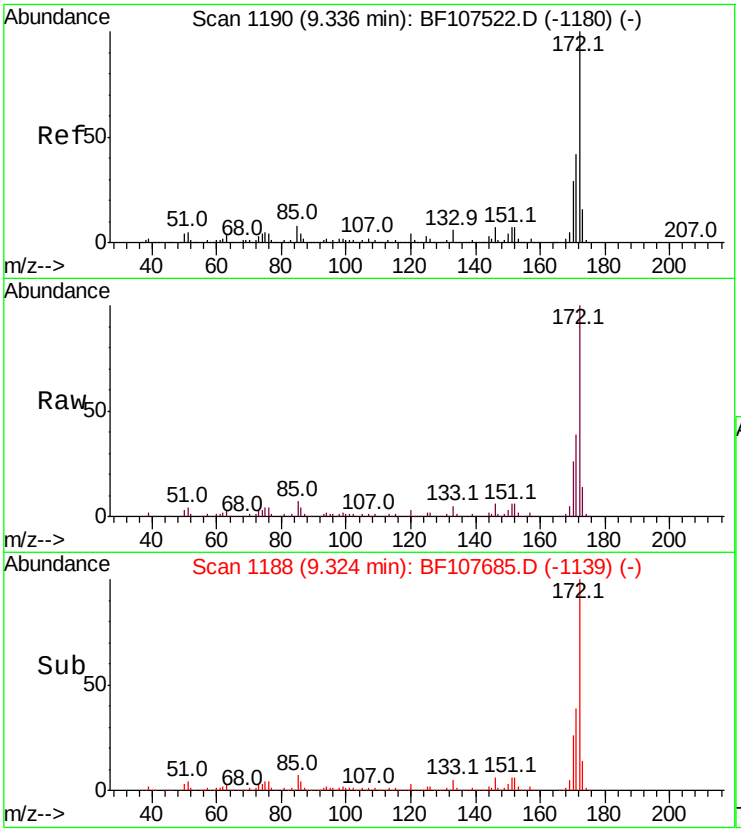


#41
2,4,6-Tribromophenol
Concen: 93.926 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Tgt Ion:330 Resp: 260729

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	27.9	29.9	44.9#



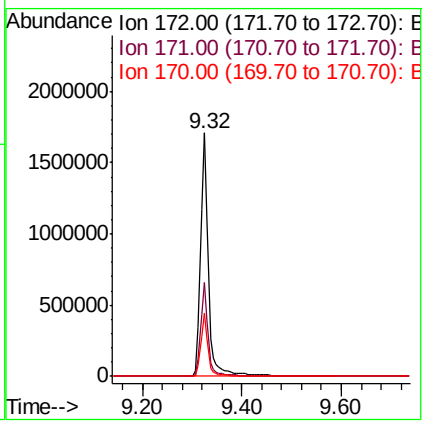


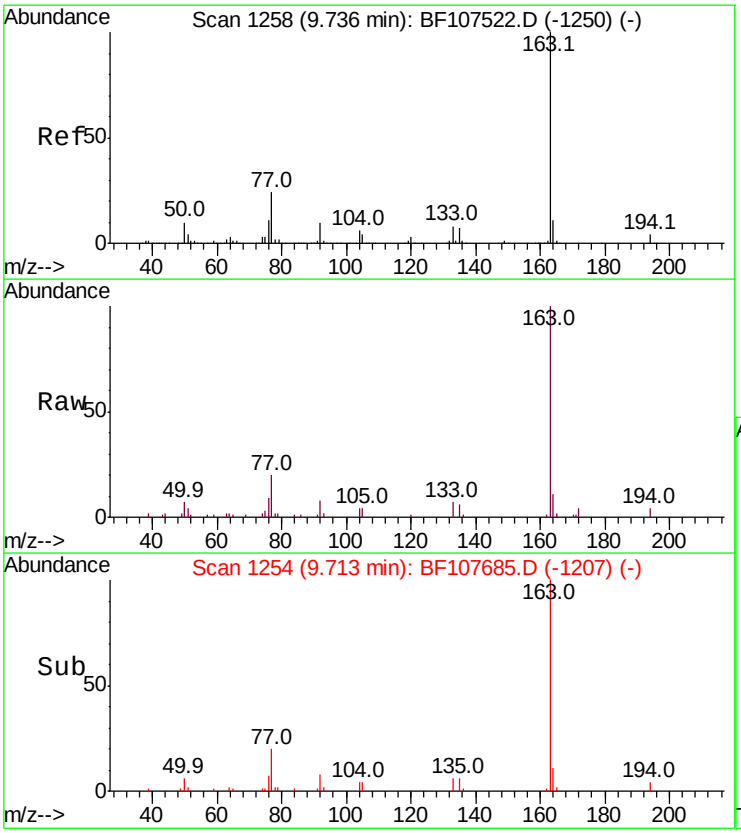
#44
2-Fluorobiphenyl
Concen: 182.723 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1886971

Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.7	44.5
170	26.0	19.6	29.4

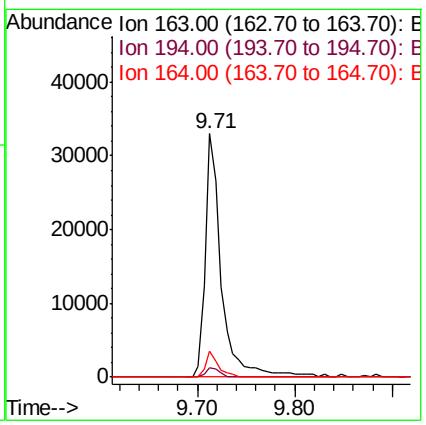


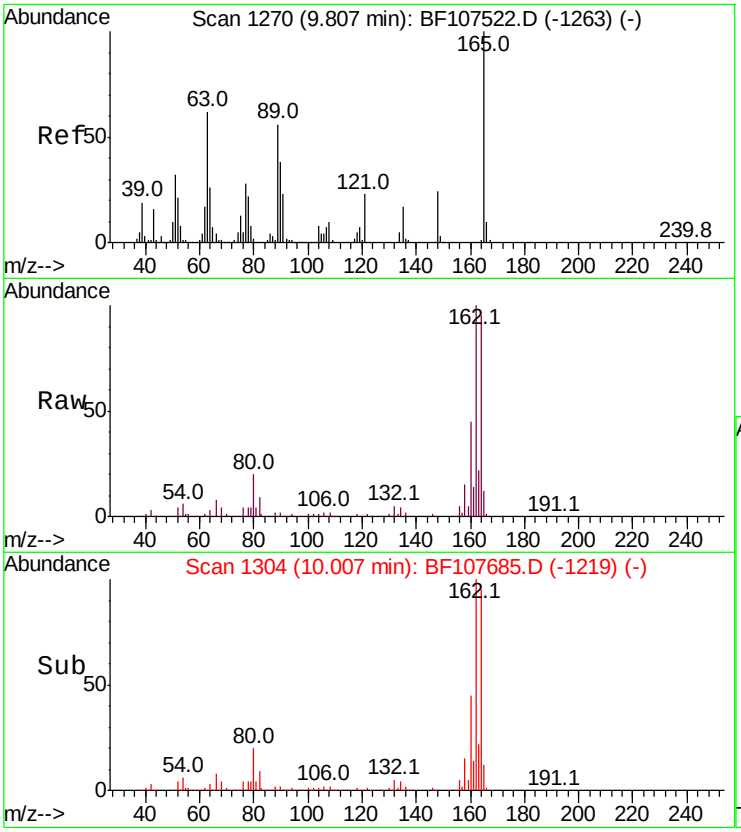


#49
Dimethylphthalate
Concen: 2.057 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Tgt Ion:163 Resp: 37843

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.9	8.2	12.2



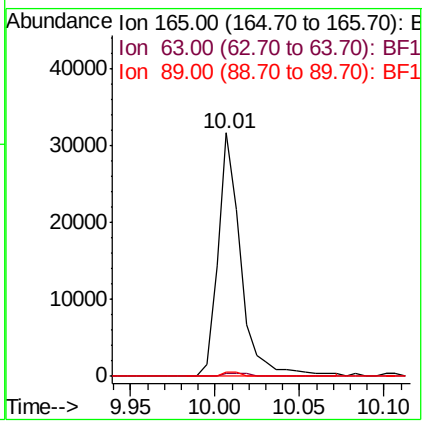


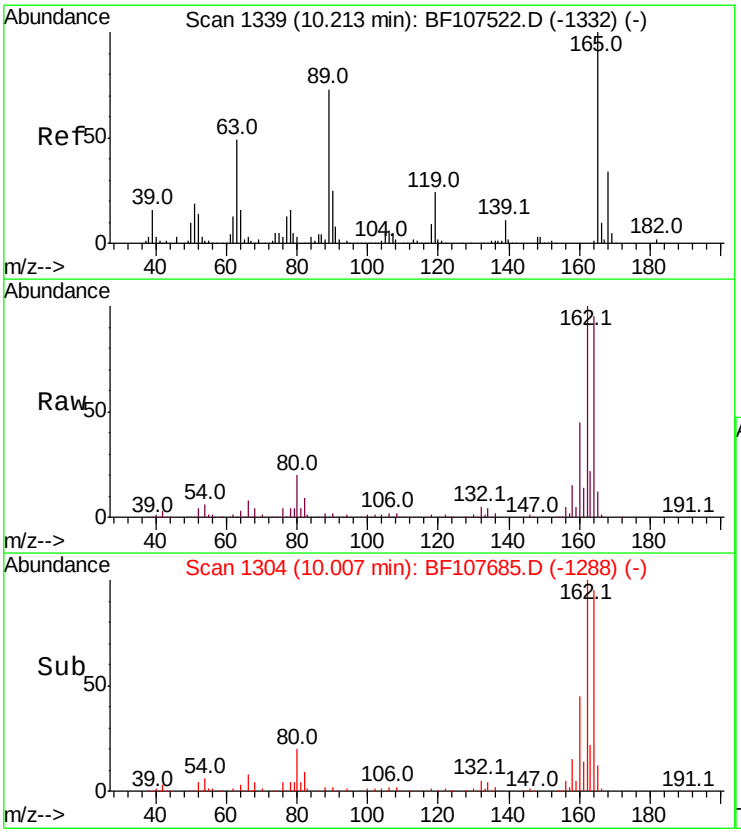
#50
2,6-Dinitrotoluene
Concen: 8.211 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29991

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.7	44.0	66.0#

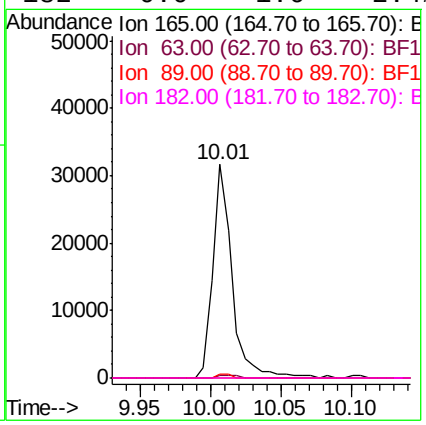


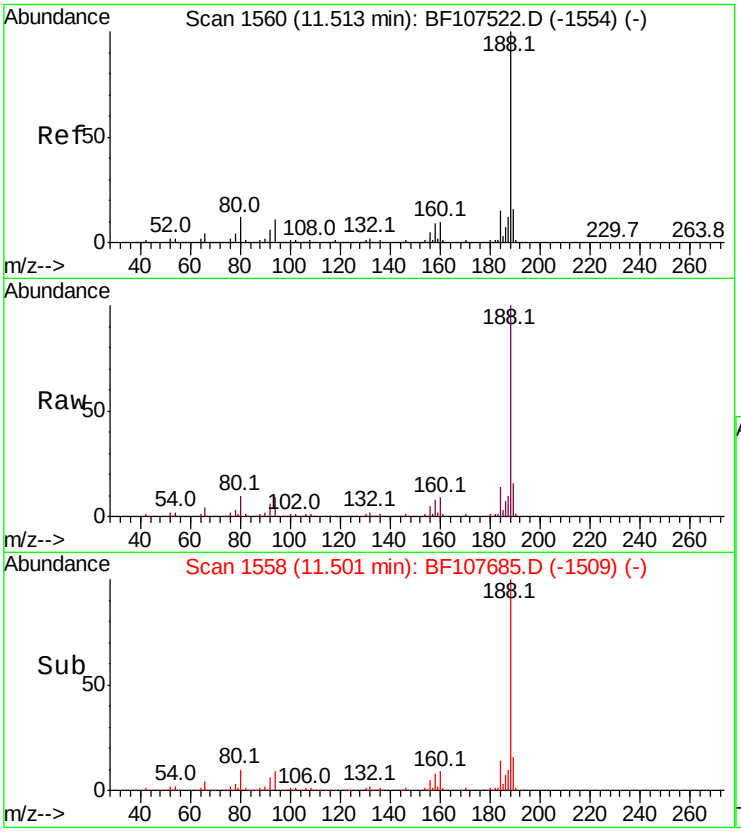


#56
2,4-Dinitrotoluene
Concen: 6.829 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Tgt Ion:165 Resp: 30112

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



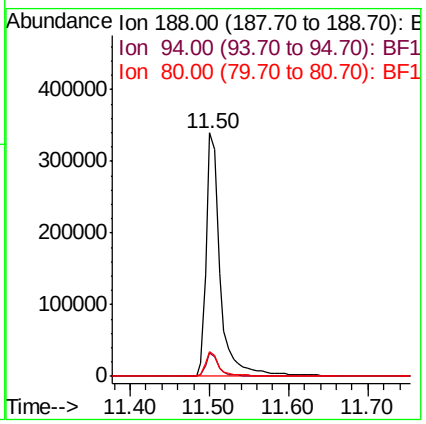


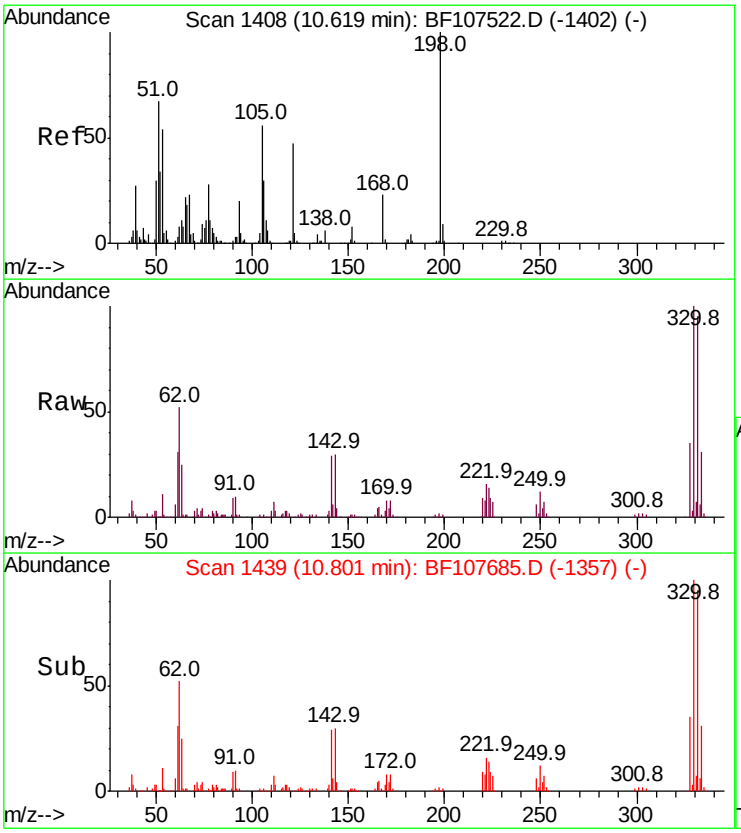
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 421431

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.3	9.2	13.8

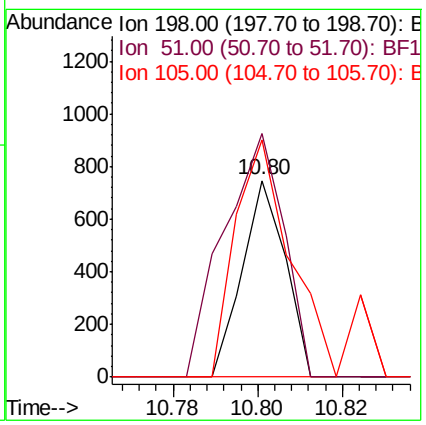


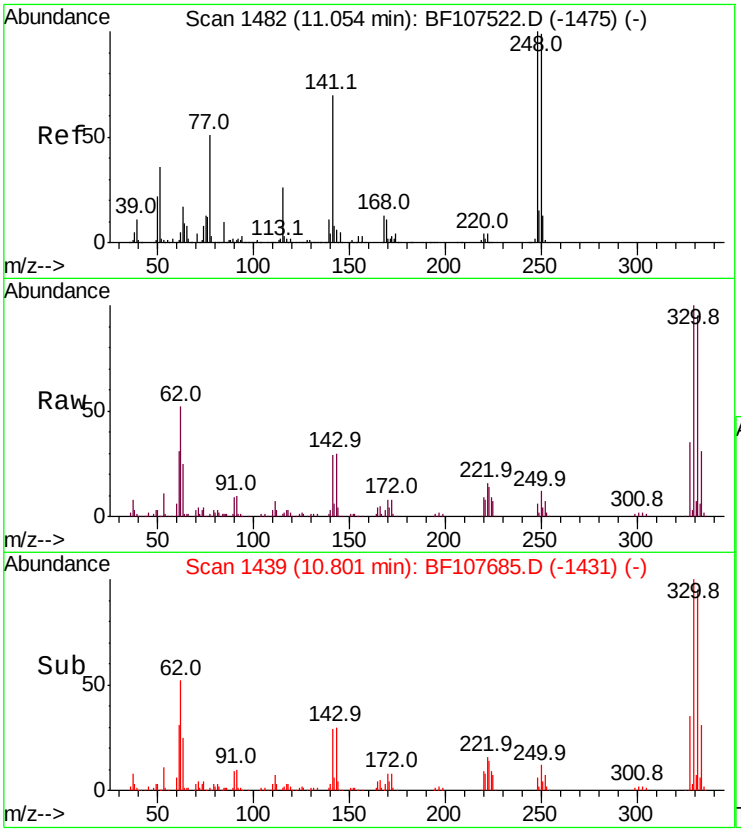


#64
4,6-Dinitro-2-methylphenol
Concen: 8.894 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.18 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Tgt Ion:198 Resp: 530

Ion	Ratio	Lower	Upper
198	100		
51	123.8	37.7	77.7#
105	120.9	36.3	76.3#



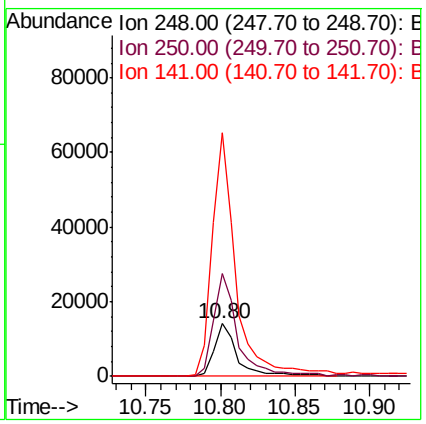


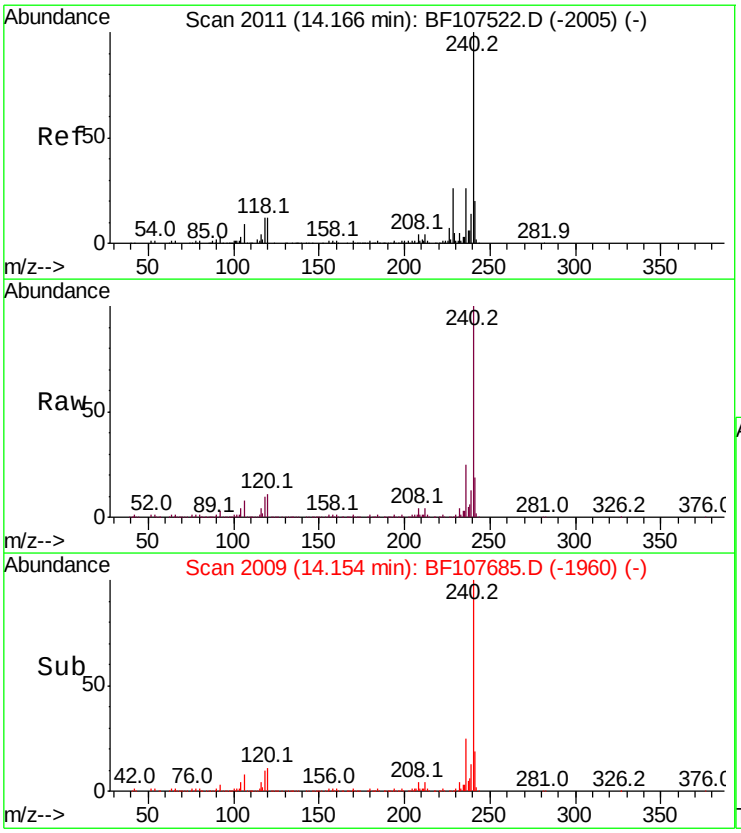
#66
4-Bromophenyl-phenylether
Concen: 3.083 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15296

Ion	Ratio	Lower	Upper
248	100		
250	196.6	76.9	115.3#
141	465.3	74.4	111.6#

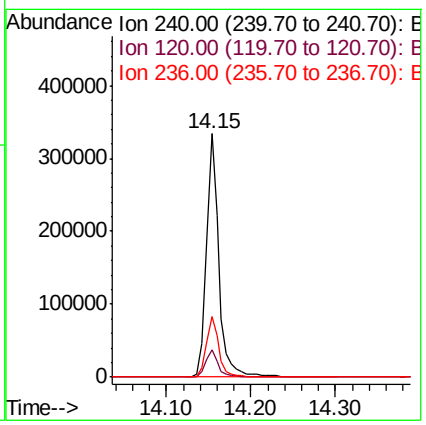


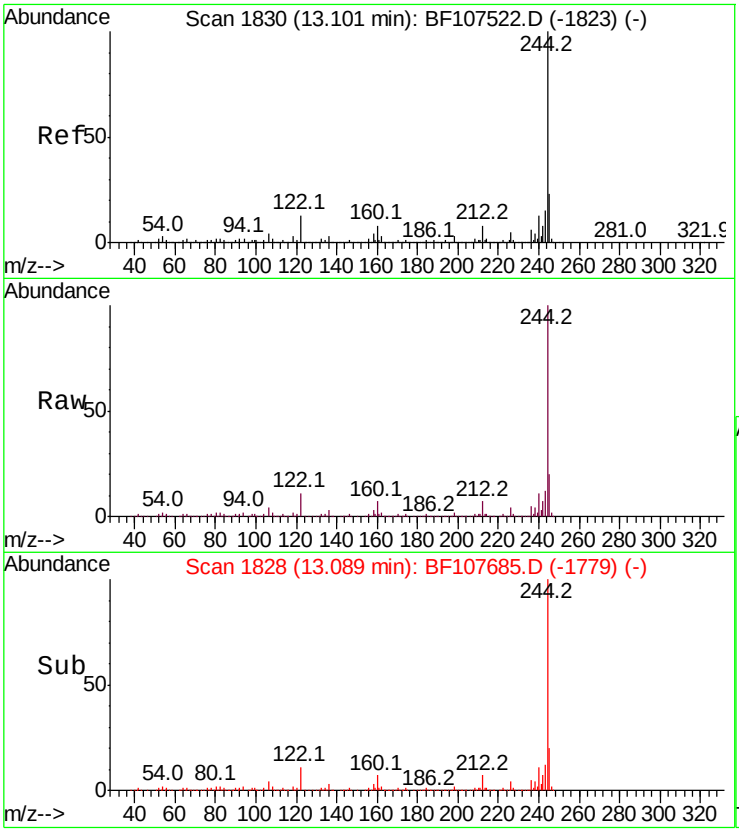


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Tgt Ion:240 Resp: 346008

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	24.9	20.7	31.1



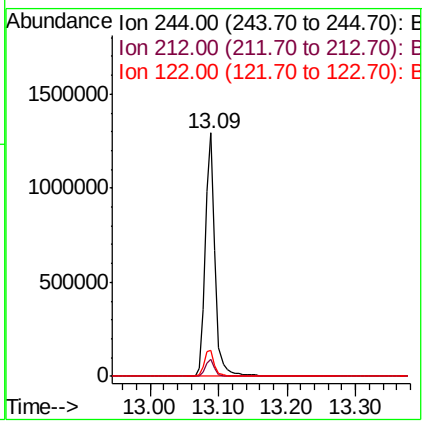


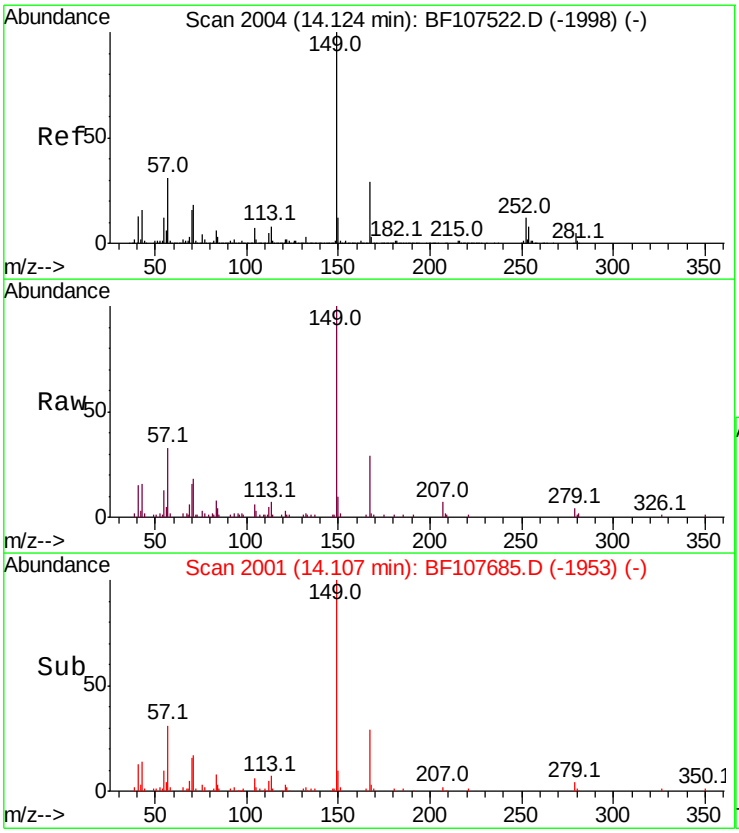
#78
Terphenyl-d14
Concen: 97.626 ng
RT: 13.09 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1319460

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.6	11.0	16.4#

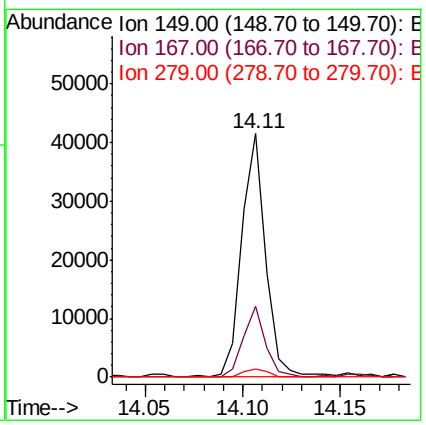


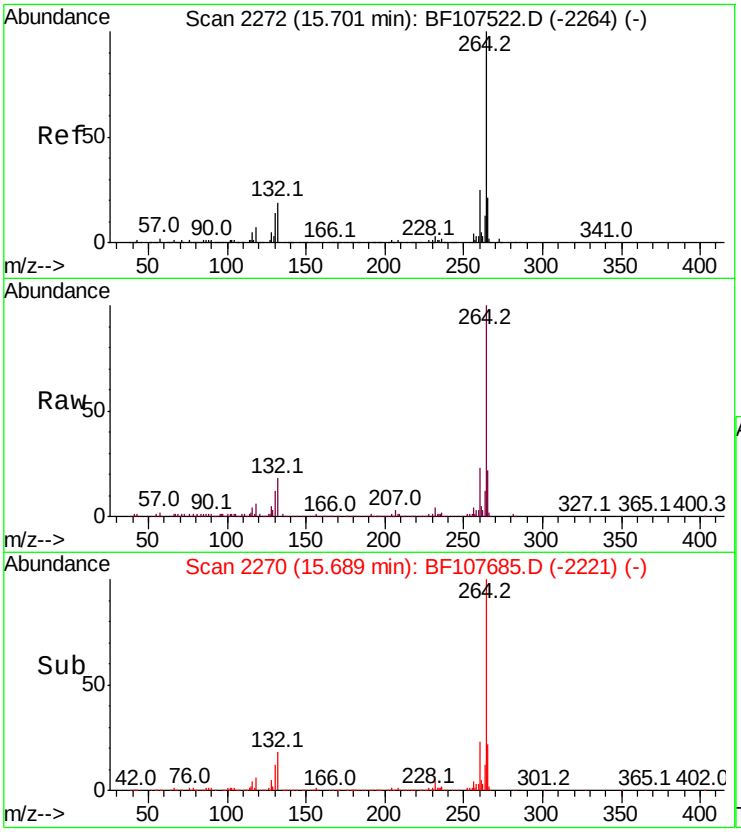


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.465 ng
RT: 14.11 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Tgt Ion:149 Resp: 35402

Ion	Ratio	Lower	Upper
149	100		
167	29.3	21.3	31.9
279	3.6	3.0	4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107685.D
Acq: 26 Jul 2018 5:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 276381

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.7	17.5	26.3