Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
Data File : BF107257.D
Acq On : 10 Jul 2018 4:45
Operator : JU/SJ
Sample : J3890-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 070518-DBRI-E-D-M

Quant Time: Jul 10 07:55:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	31469	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	106599	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	47915	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	102020	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	80643	20.00	ng	-0.02
86) Perylene-d12	15.68	264	57129	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	81154	43.67	ng	-0.01
7) Phenol-d6	6.59	99	62977	27.14	ng	-0.02
23) Nitrobenzene-d5	7.51	82	181282	94.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	55877	100.62	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	324142	120.70	ng	-0.02
78) Terphenyl-d14	13.07	244	409158	122.90	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	22794	14.900	ng	# 75
25) Isophorone	7.51	82	181280	53.632	ng	# 64
49) Dimethylphthalate	9.70	163	12131	3.376	ng	# 94
50) 2,6-Dinitrotoluene	9.99	165	5982	7.861	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	5982	6.022	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	3258	2.676	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
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Sample : J3890-01
Misc :
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070518-DBRI-E-D-M

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
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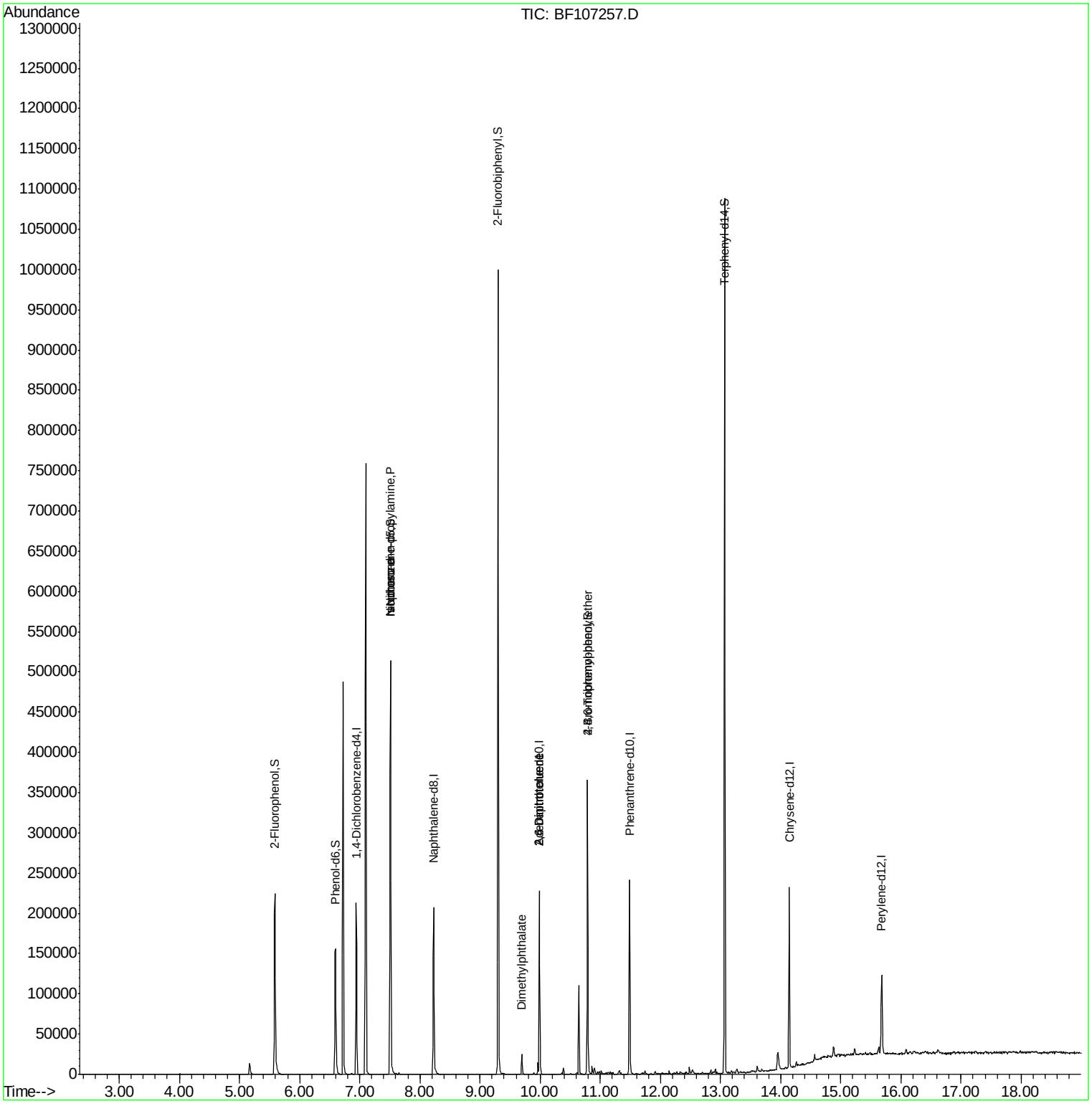
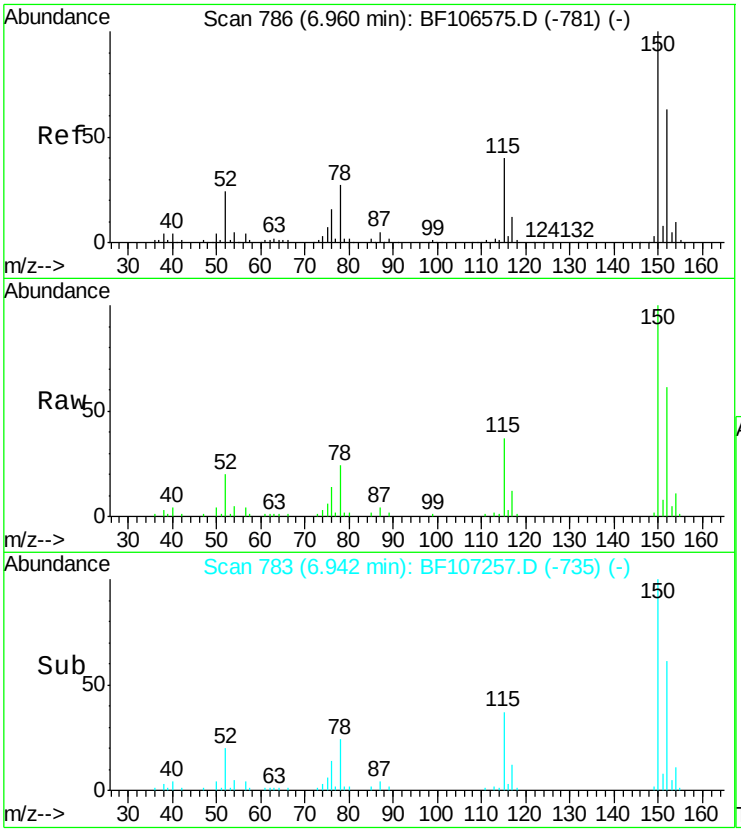


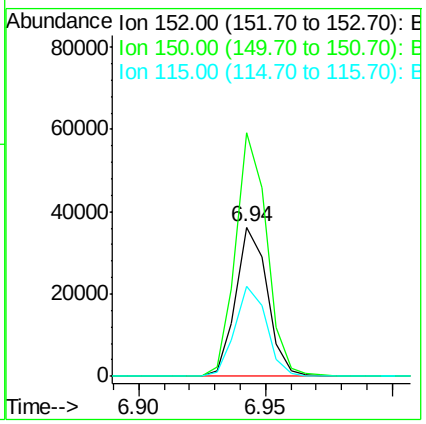


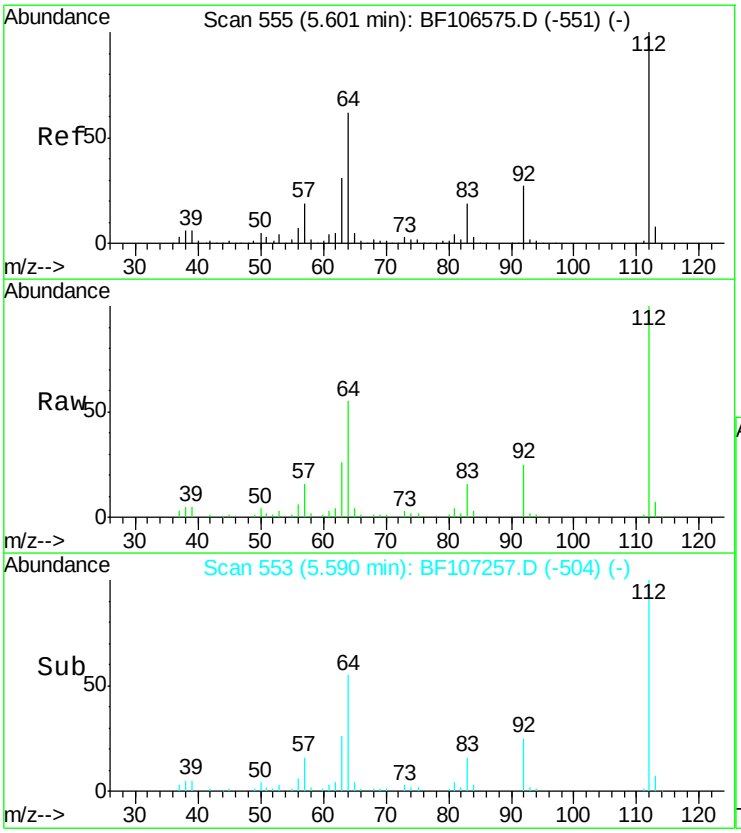
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Instrument :
BNA_F
ClientSampleId :
070518-DBRI-E-D-M

Tgt Ion:152 Resp: 31469

Ion	Ratio	Lower	Upper
152	100		
150	162.9	124.6	186.8
115	60.1	50.1	75.1

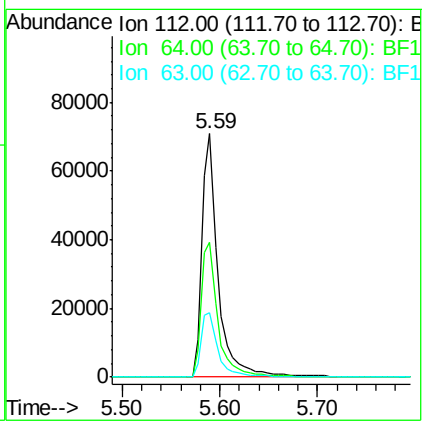


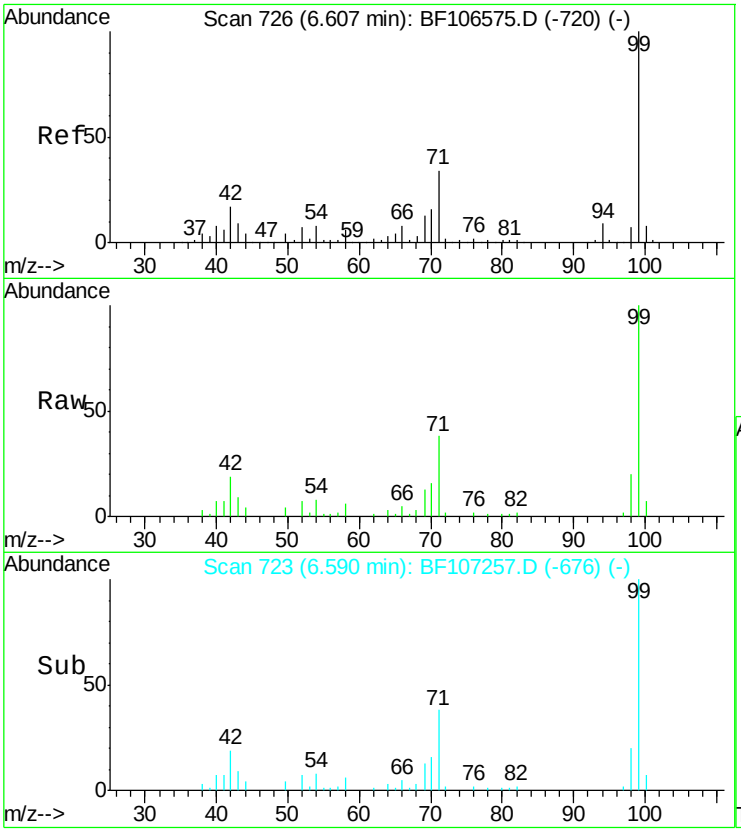


#5
2-Fluorophenol
Concen: 43.668 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Tgt Ion:112 Resp: 81154

Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	26.5	23.7	35.5



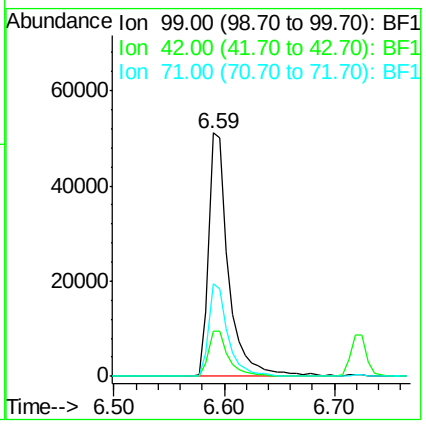


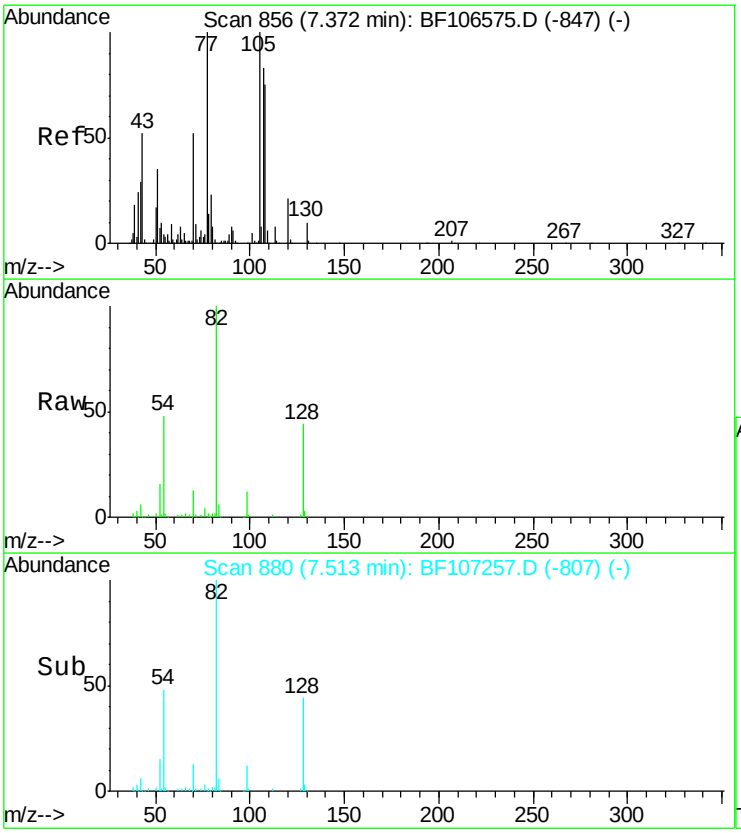
#7
Phenol-d6
Concen: 27.136 ng
RT: 6.59 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Instrument :
BNA_F
ClientSampleId :
070518-DBRI-E-D-M

Tgt Ion: 99 Resp: 62977

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	37.9	25.4	38.0

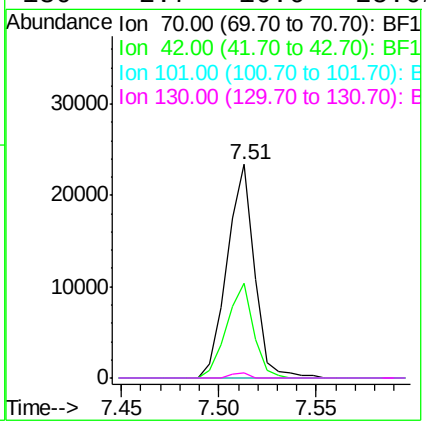


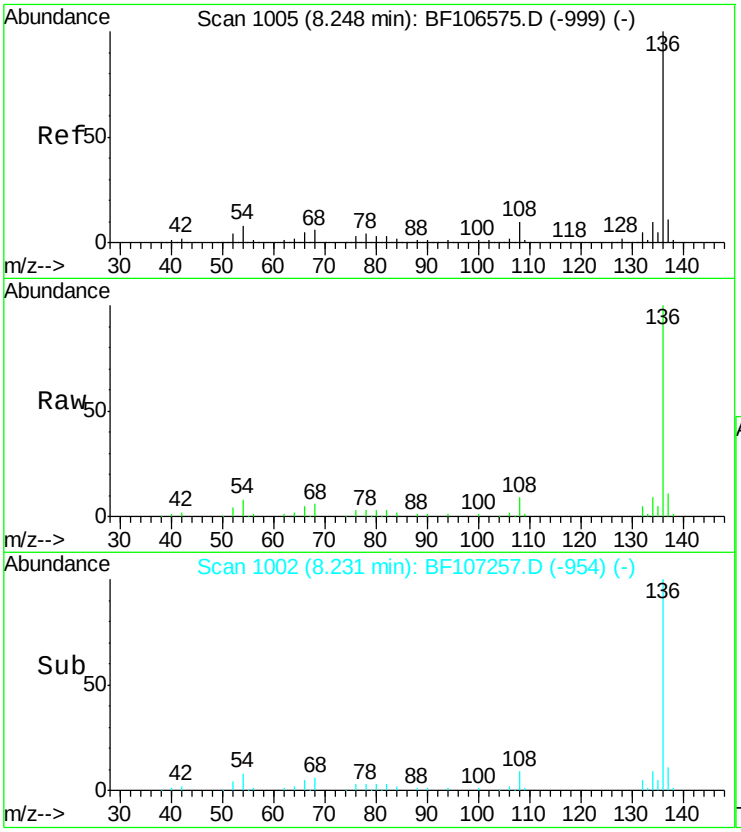


#19
n-Nitroso-di-n-propylamine
Concen: 14.900 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Tgt Ion: 70 Resp: 22794

Ion	Ratio	Lower	Upper
70	100		
42	44.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



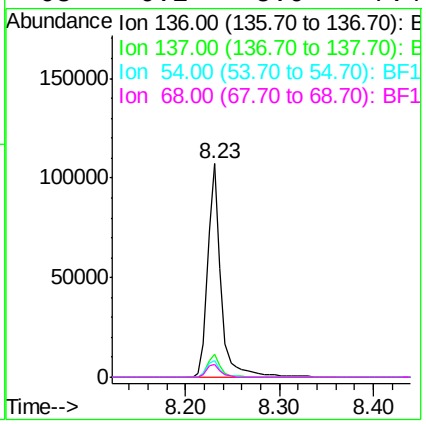


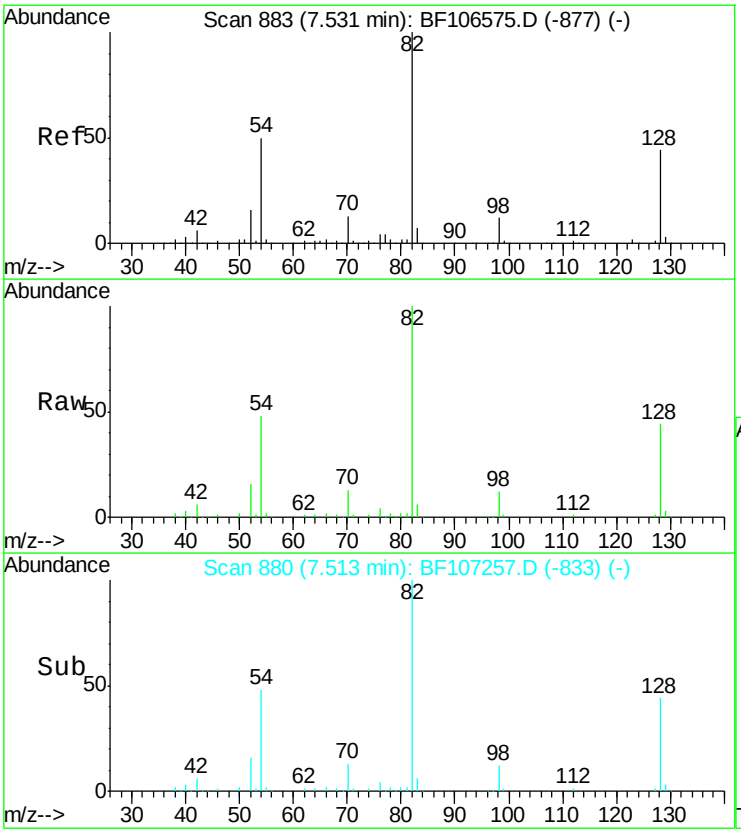
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Instrument :
BNA_F
ClientSampleId :
070518-DBRI-E-D-M

Tgt Ion:136 Resp: 106599

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.9	6.6	9.8
68	6.2	5.0	7.4

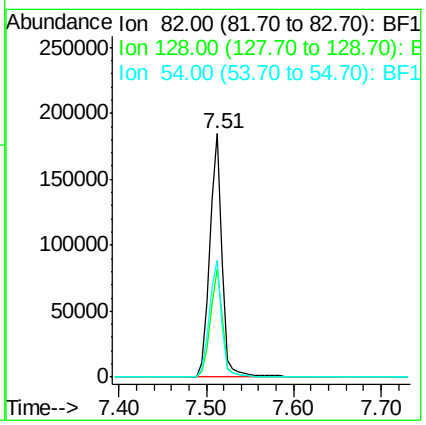


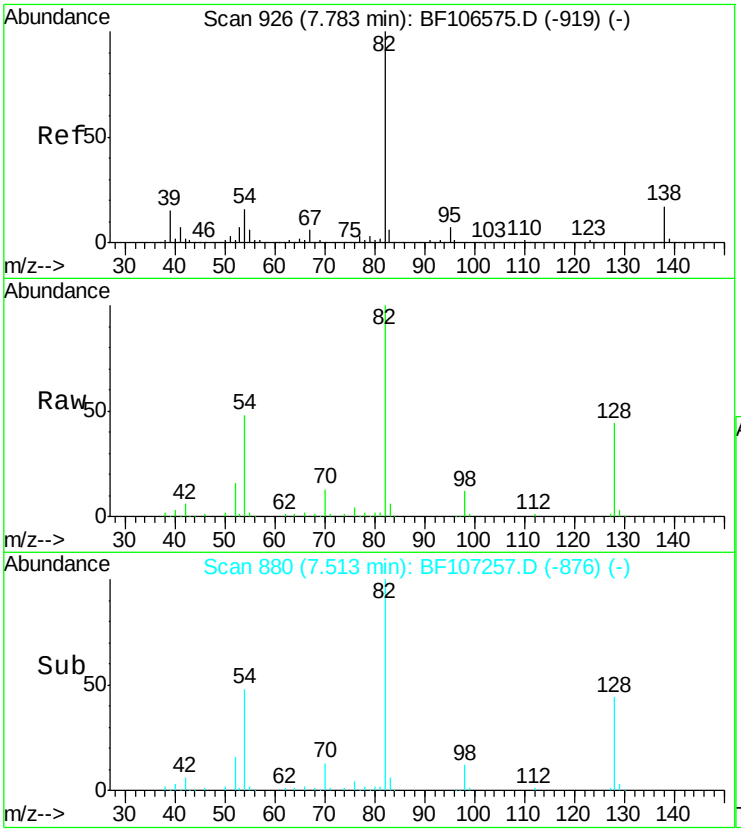


#23
Nitrobenzene-d5
Concen: 94.508 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Tgt Ion: 82 Resp: 181282

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	48.1	41.4	62.2



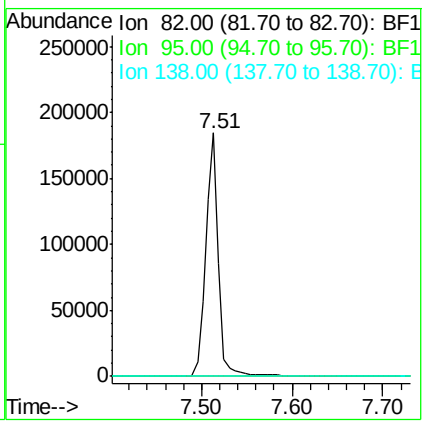


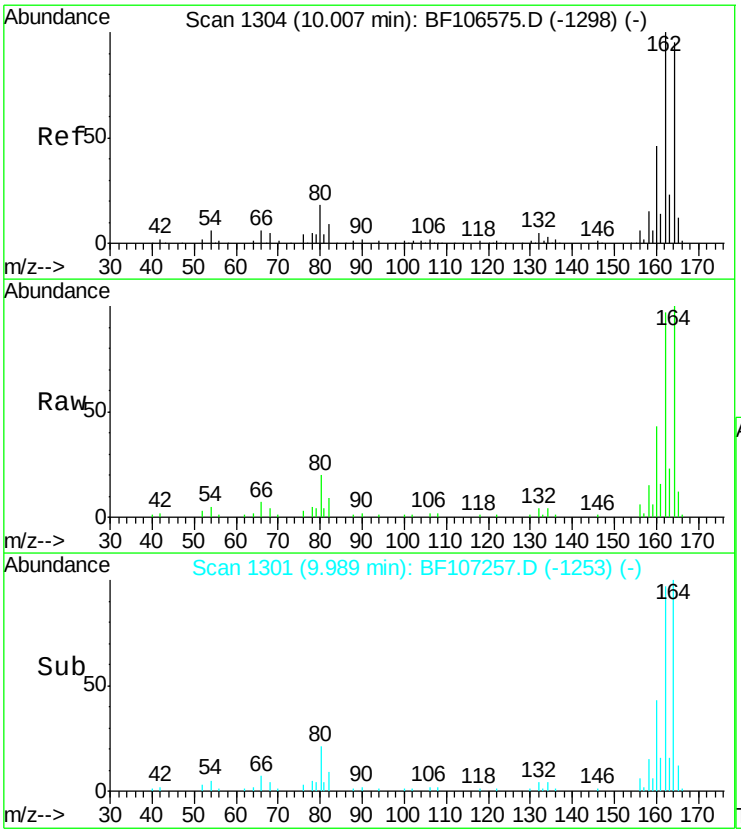
#25
Isophorone
Concen: 53.632 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Instrument :
BNA_F
ClientSampleId :
070518-DBRI-E-D-M

Tgt Ion: 82 Resp: 181280

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

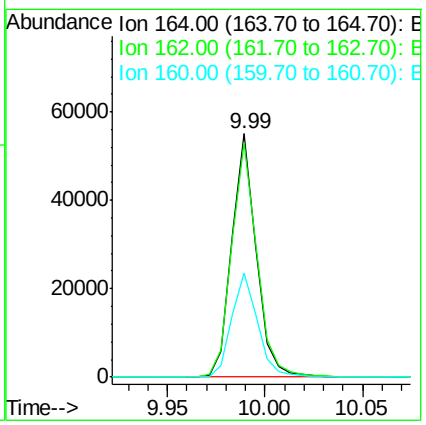


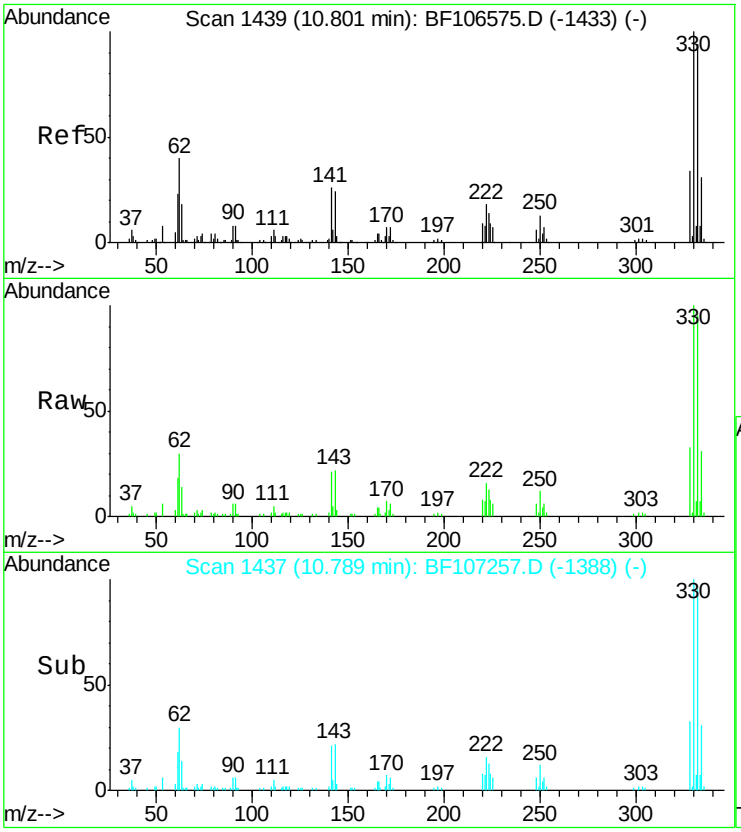


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Tgt Ion:164 Resp: 47915

Ion	Ratio	Lower	Upper
164	100		
162	96.6	86.1	129.1
160	42.9	38.3	57.5



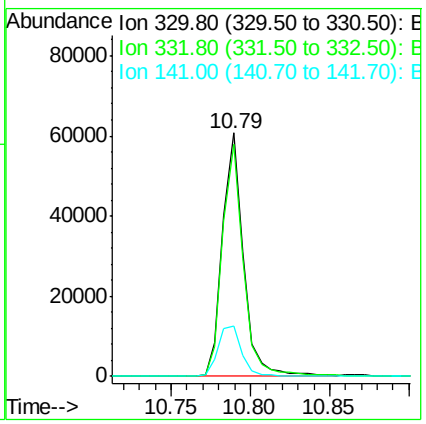


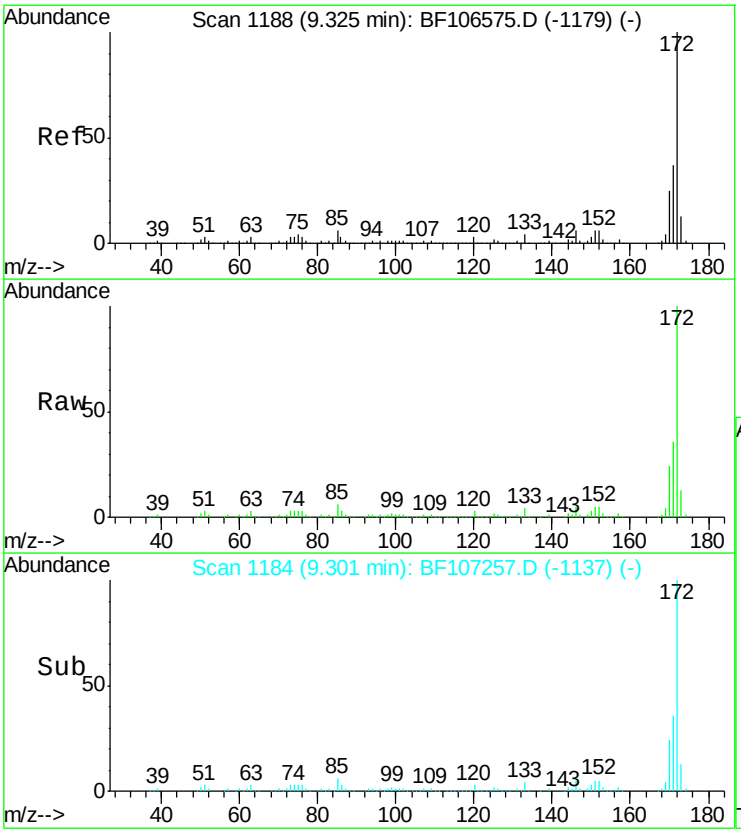
#41
2,4,6-Tribromophenol
Concen: 100.616 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Instrument :
BNA_F
ClientSampleId :
070518-DBRI-E-D-M

Tgt Ion:330 Resp: 55877

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	23.2	29.9	44.9#

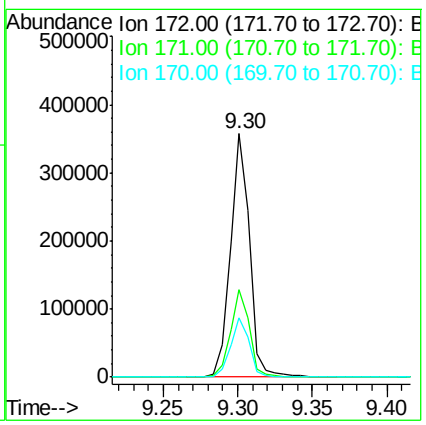


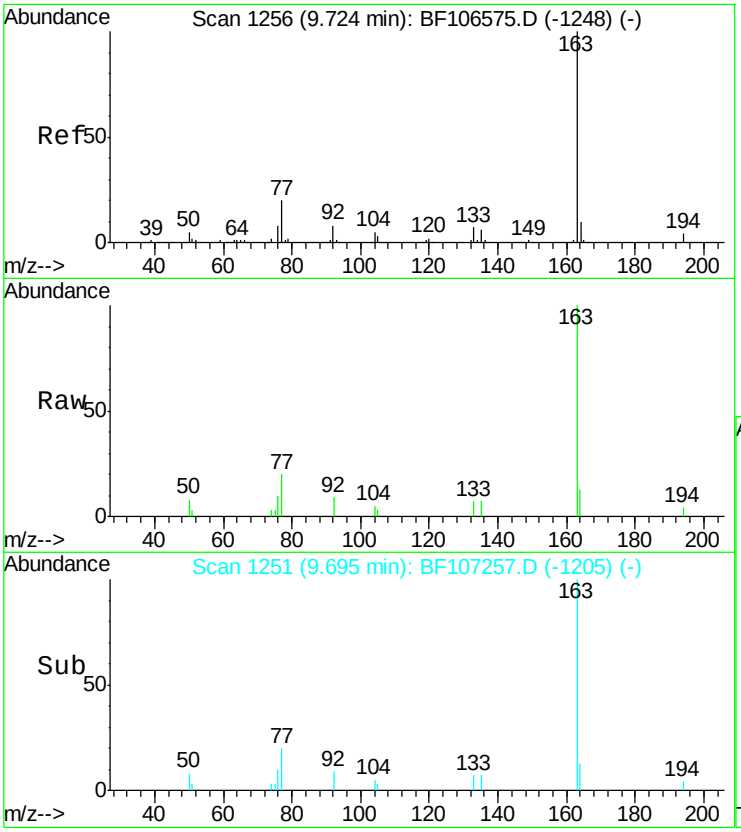


#44
2-Fluorobiphenyl
Concen: 120.701 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Tgt Ion:172 Resp: 324142

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4



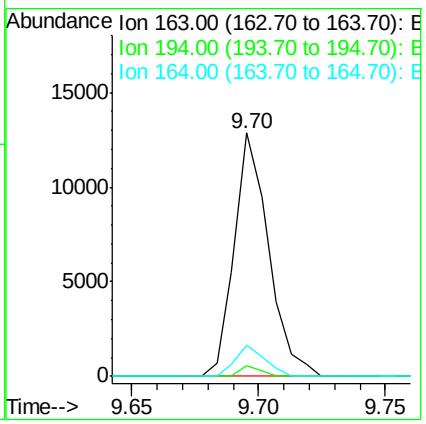


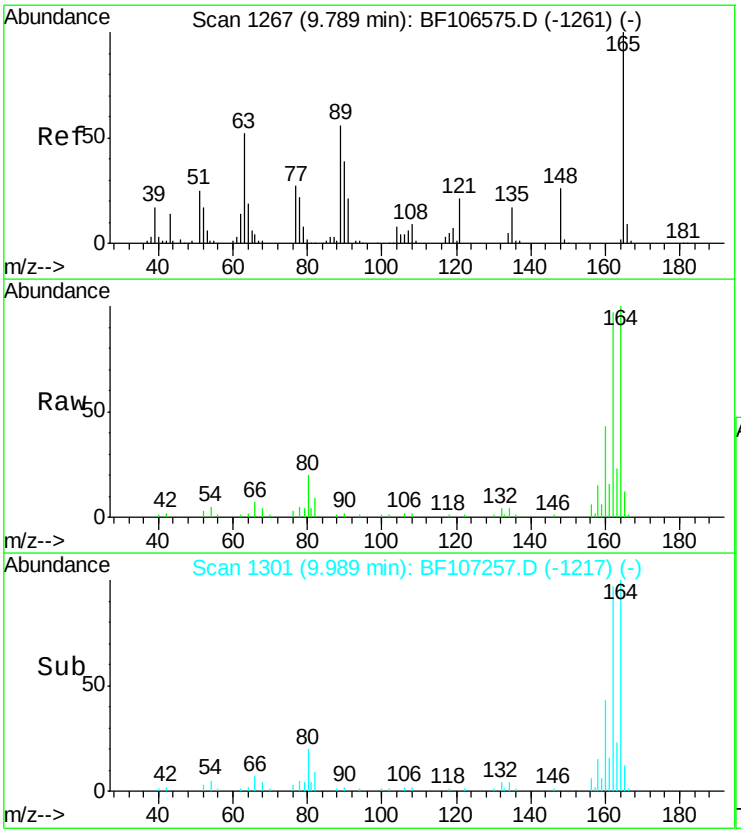
#49
Dimethylphthalate
Concen: 3.376 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Instrument :
BNA_F
ClientSampleId :
070518-DBRI-E-D-M

Tgt Ion:163 Resp: 12131

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	13.0	8.2	12.2#

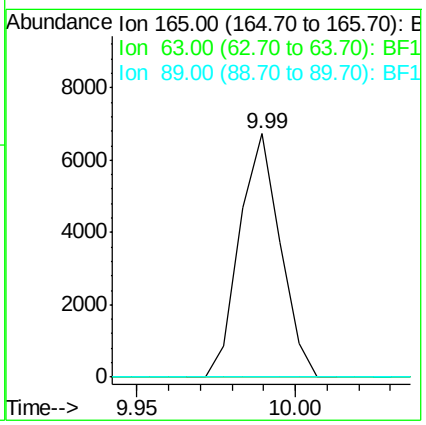


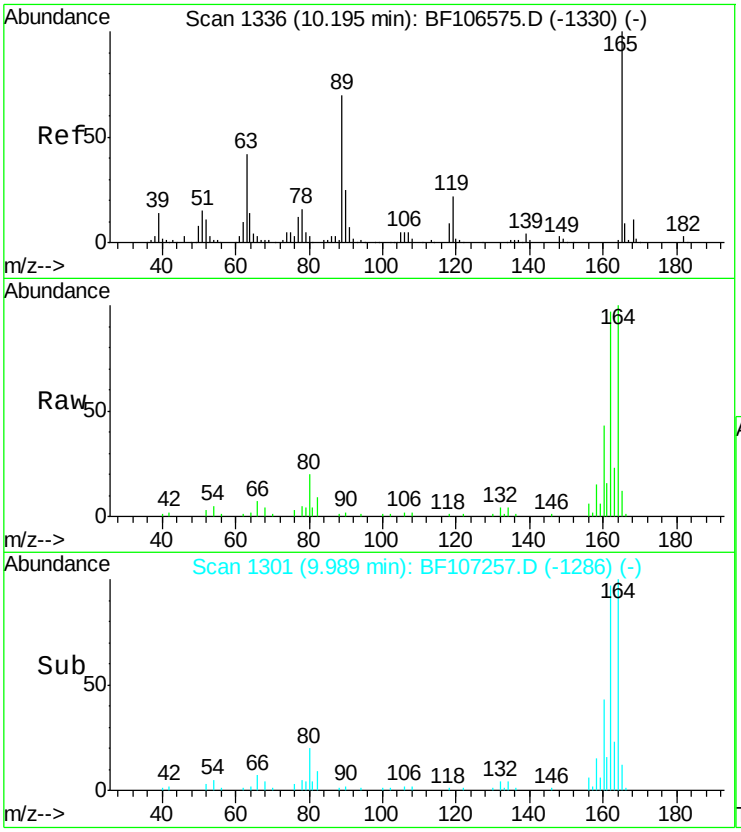


#50
2,6-Dinitrotoluene
Concen: 7.861 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Tgt Ion:165 Resp: 5982

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



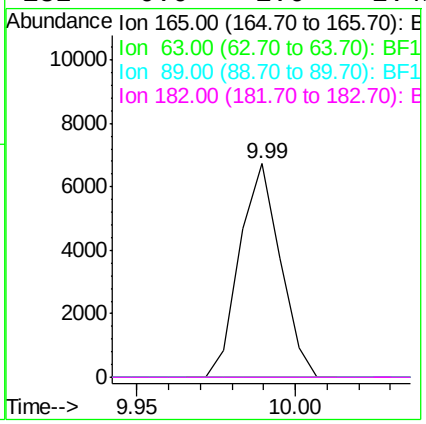


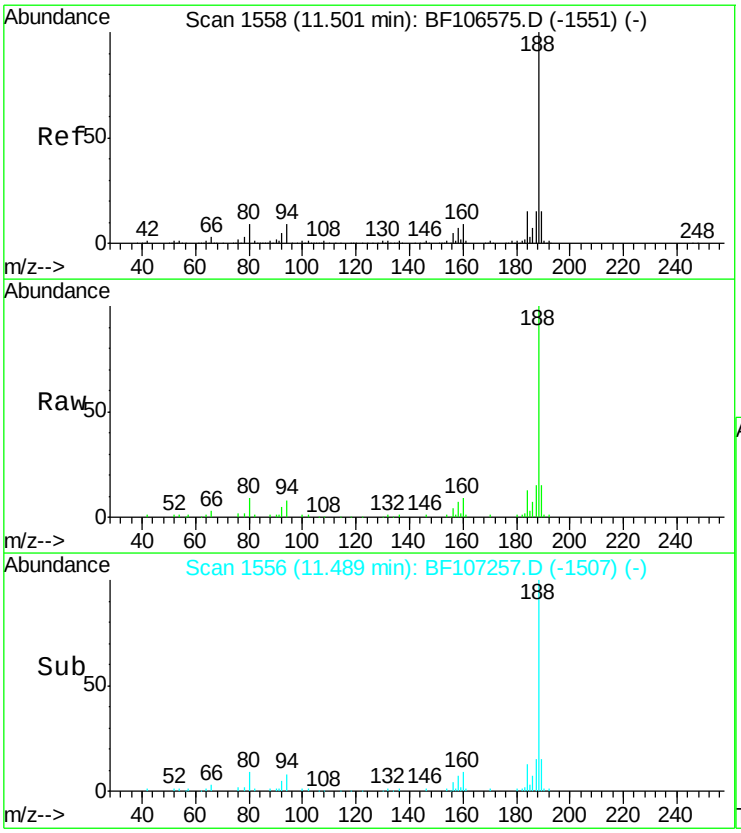
#56
2,4-Dinitrotoluene
Concen: 6.022 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Instrument :
BNA_F
ClientSampleId :
070518-DBRI-E-D-M

Tgt Ion:165 Resp: 5982

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

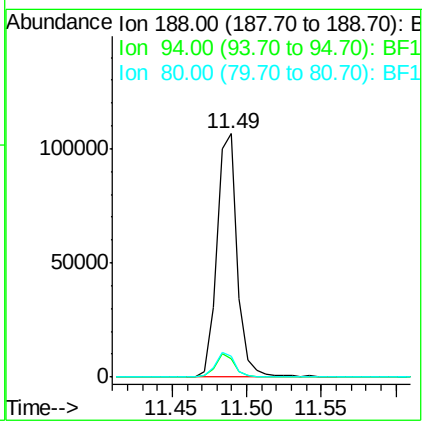


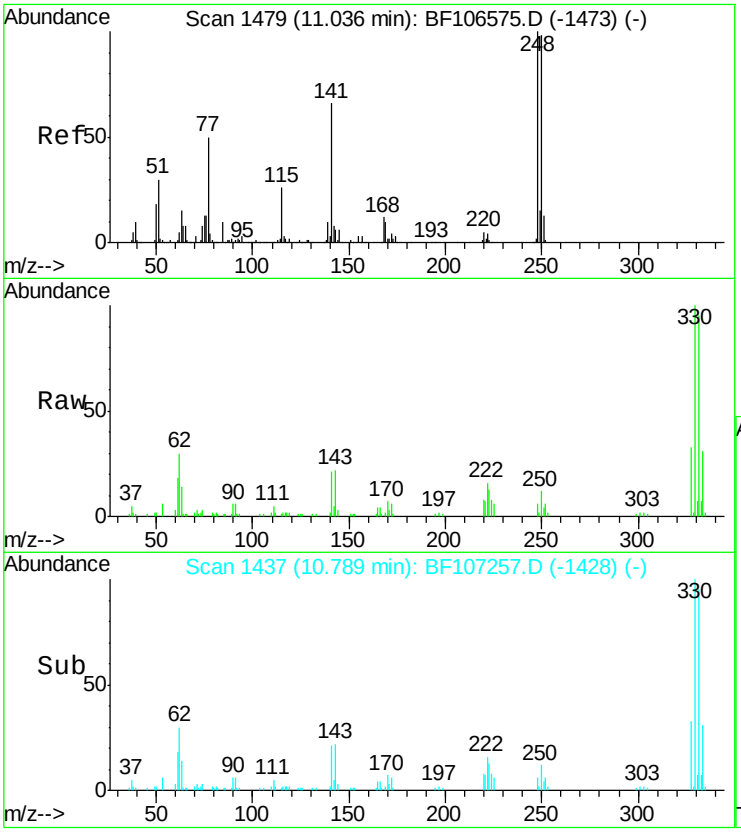


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Tgt Ion:188 Resp: 102020

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.7	9.2	13.8#



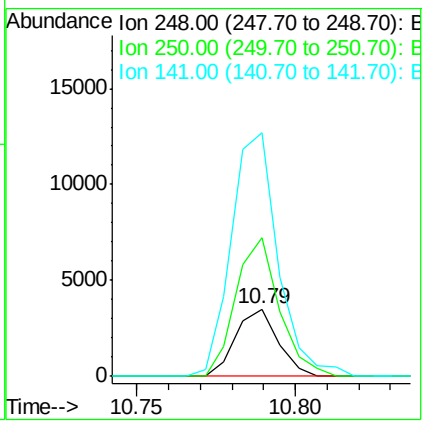


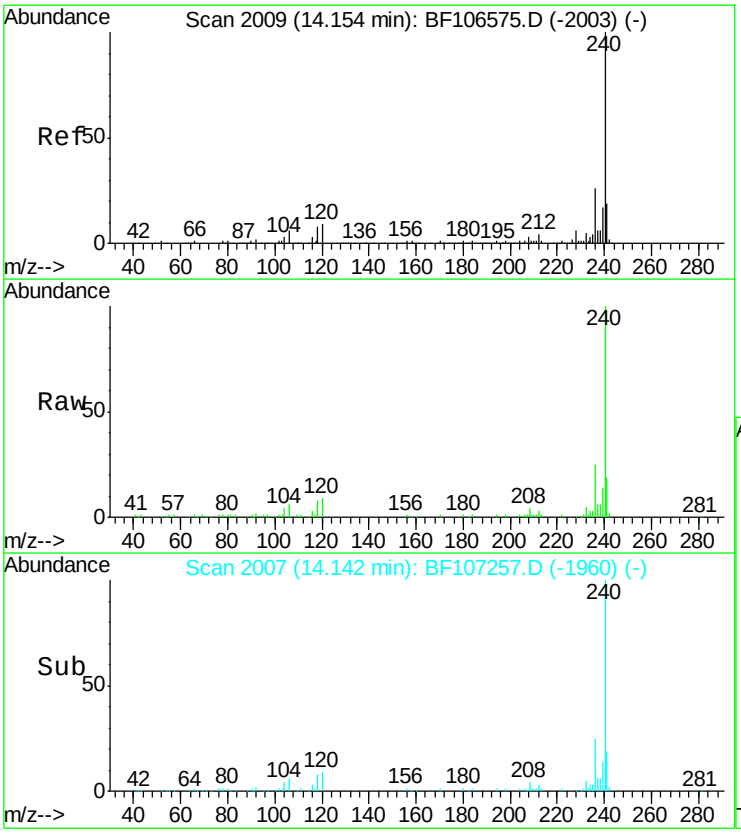
#66
4-Bromophenyl-phenylether
Concen: 2.676 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Instrument :
BNA_F
ClientSampleId :
070518-DBRI-E-D-M

Tgt Ion:248 Resp: 3258

Ion	Ratio	Lower	Upper
248	100		
250	205.8	76.9	115.3#
141	360.4	74.4	111.6#

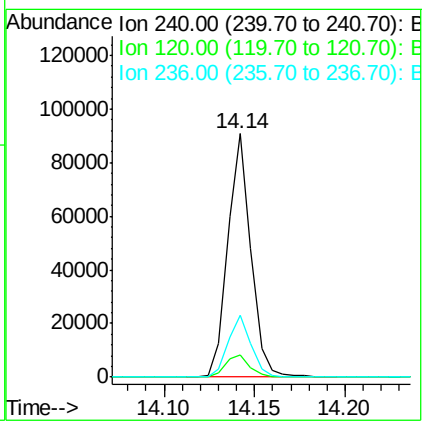


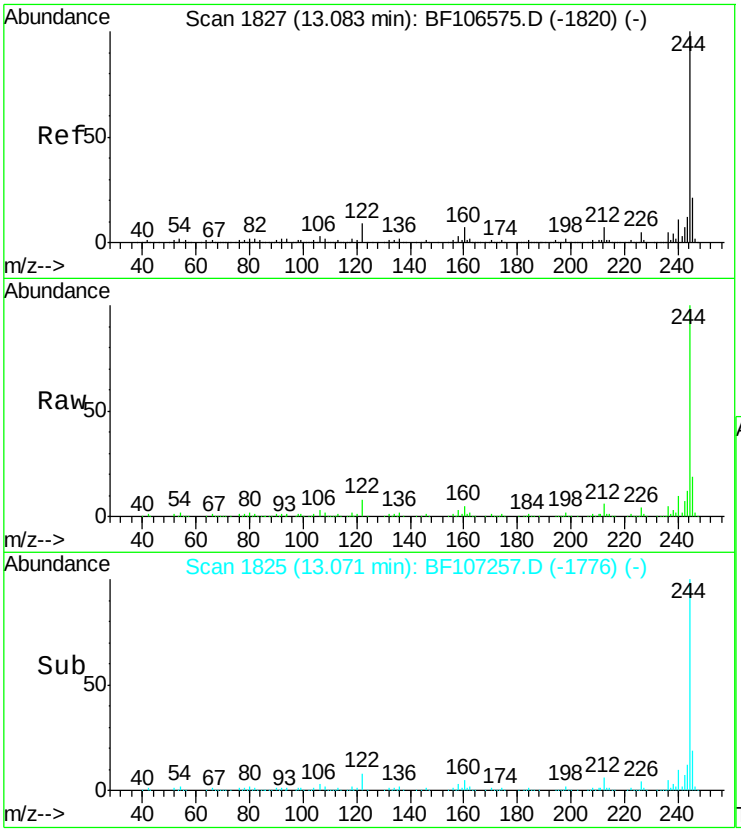


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Tgt Ion:240 Resp: 80643

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	25.3	20.7	31.1



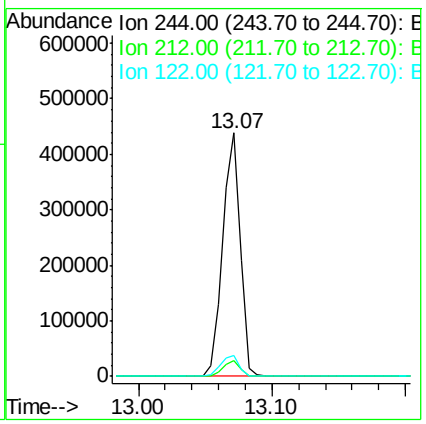


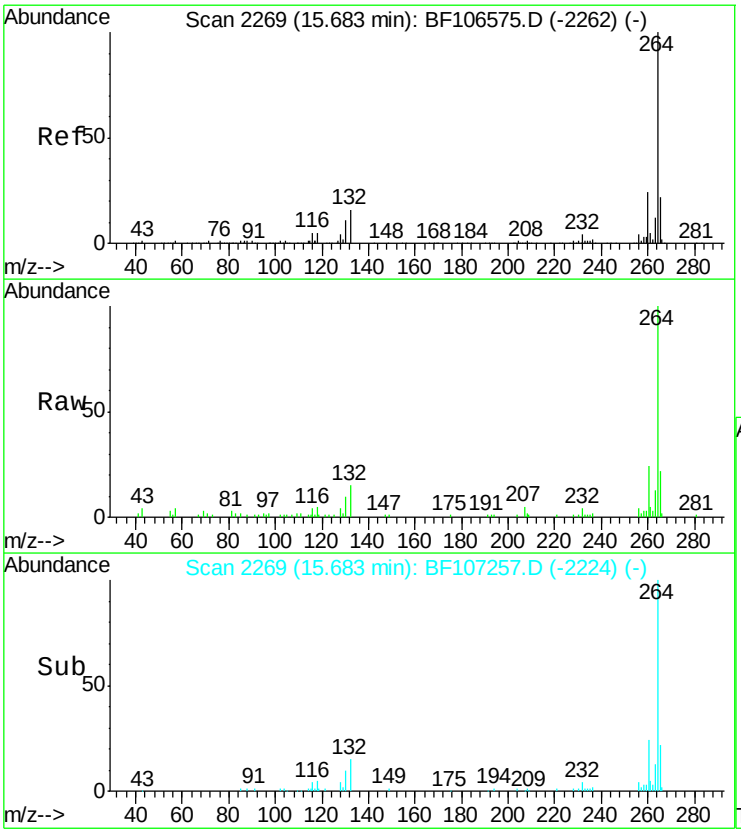
#78
Terphenyl-d14
Concen: 122.900 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Instrument :
BNA_F
ClientSampleId :
070518-DBRI-E-D-M

Tgt Ion:244 Resp: 409158

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107257.D
Acq: 10 Jul 2018 4:45

Tgt Ion:264 Resp: 57129

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.3	17.5	26.3