Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071818\
Data File : BF107506.D
Acq On : 19 Jul 2018 10:14
Operator : JU/SJ
Sample : J4033-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071618-DBRI-F-U-S

Quant Time: Jul 19 10:51:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 11:55:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	118367	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	443584	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	226027	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	420453	20.00	ng	0.00
75) Chrysene-d12	14.17	240	311529	20.00	ng	-0.01
86) Perylene-d12	15.70	264	279224	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	312445	40.09	ng	0.00
7) Phenol-d6	6.60	99	269755	26.77	ng	-0.01
23) Nitrobenzene-d5	7.55	82	917131	110.25	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	195128	98.26	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1385218	104.70	ng	0.00
78) Terphenyl-d14	13.11	244	1314456	104.83	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.14	79	20553	2.031	ng	# 43
19) n-Nitroso-di-n-propylamine	7.55	70	151157	20.951	ng	# 78
25) Isophorone	7.55	82	917109	55.621	ng	# 64
49) Dimethylphthalate	9.73	163	158039	8.800	ng	# 96
53) 2,4-Dinitrophenol	9.93	184	211	2.504	ng	# 1
56) 2,4-Dinitrotoluene	10.02	165	30475	6.823	ng	# 27
64) 4,6-Dinitro-2-methylphenol	10.73	198	106	7.529	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	24521	5.098	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071818\
Data File : BF107506.D
Acq On : 19 Jul 2018 10:14
Operator : JU/SJ
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Misc :
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Instrument :
BNA_F
ClientSampleId :
071618-DBRI-F-U-S

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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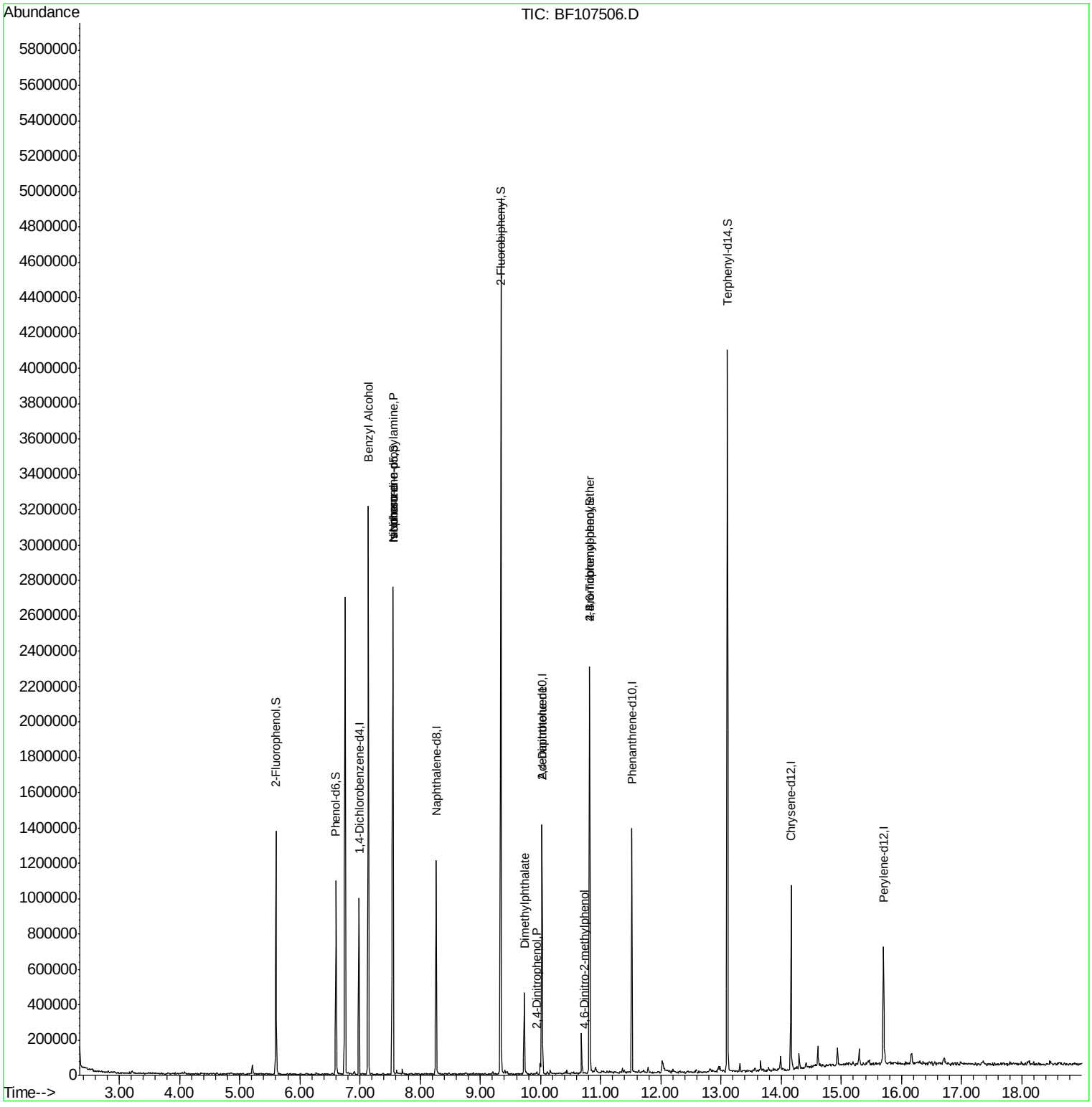
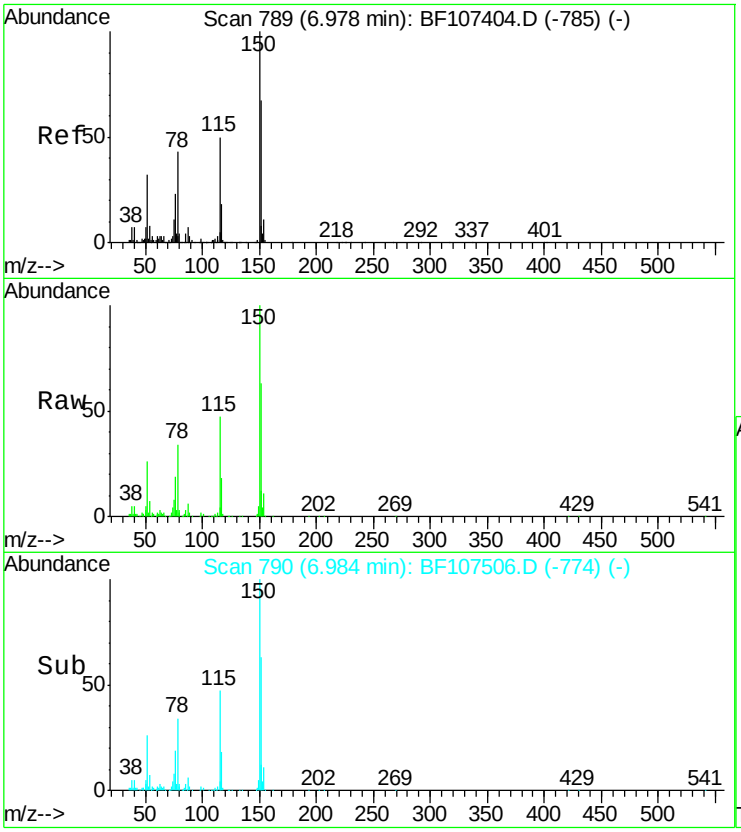


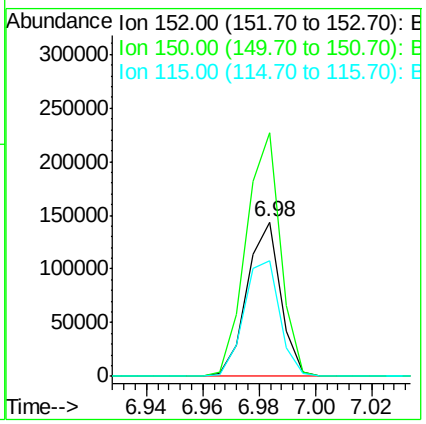


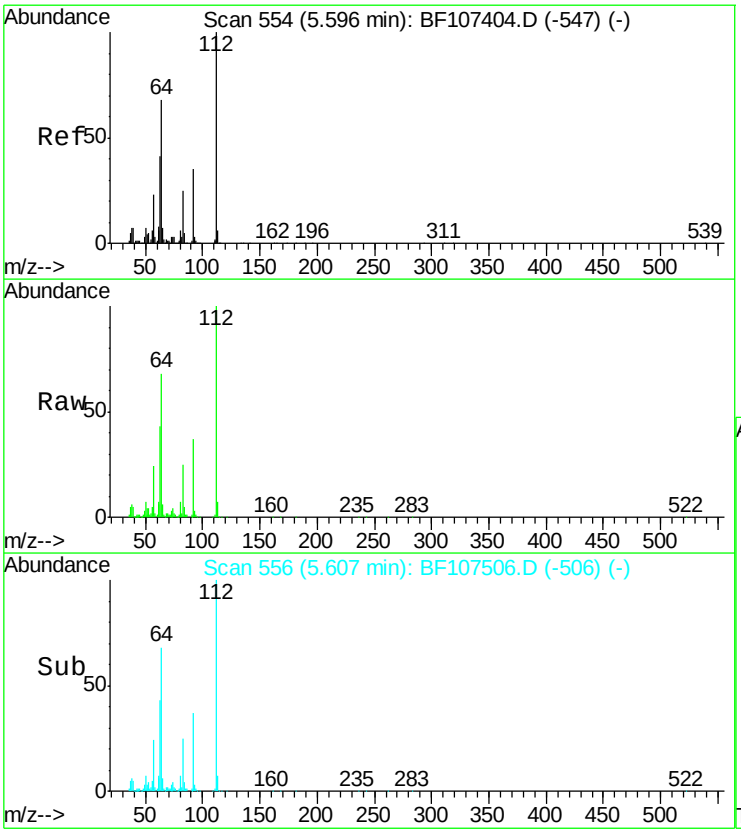
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF107506.D
Acq: 19 Jul 2018 10:14

Instrument :
BNA_F
ClientSampleId :
071618-DBRI-F-U-S

Tgt Ion:152 Resp: 118367

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	74.6	50.1	75.1

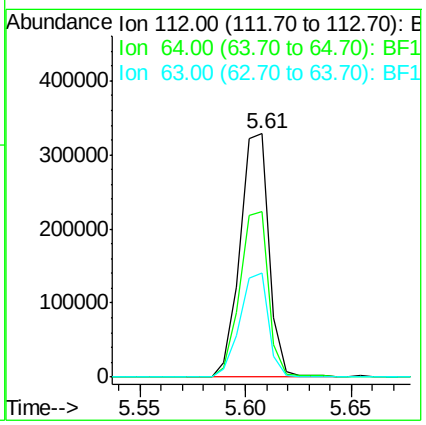


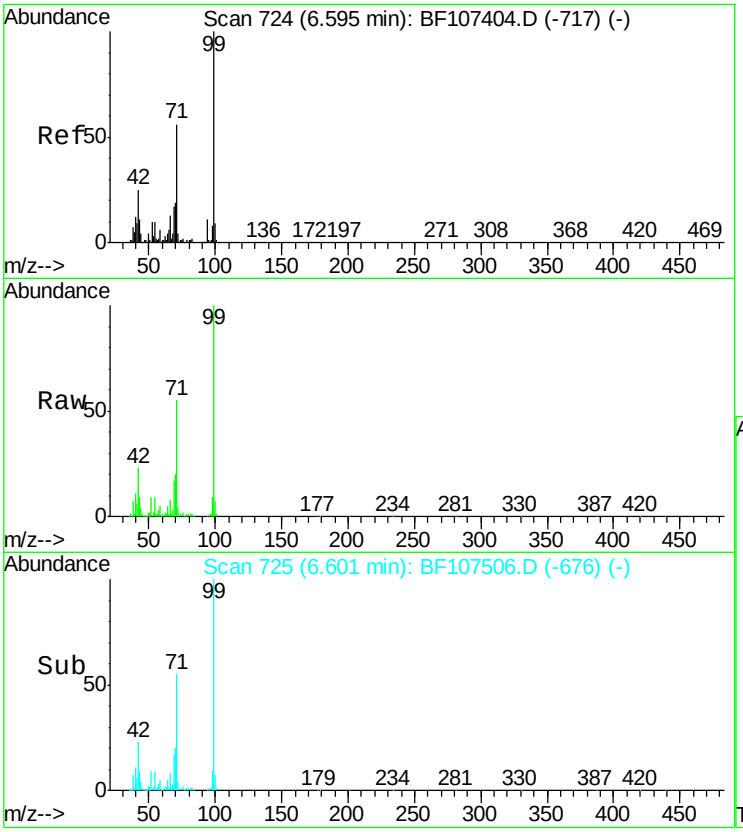


#5
2-Fluorophenol
Concen: 40.089 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF107506.D
Acq: 19 Jul 2018 10:14

Tgt Ion:112 Resp: 312445

Ion	Ratio	Lower	Upper
112	100		
64	68.1	47.9	71.9
63	42.5	23.7	35.5#



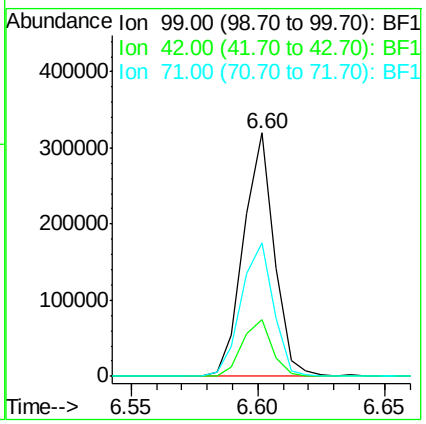


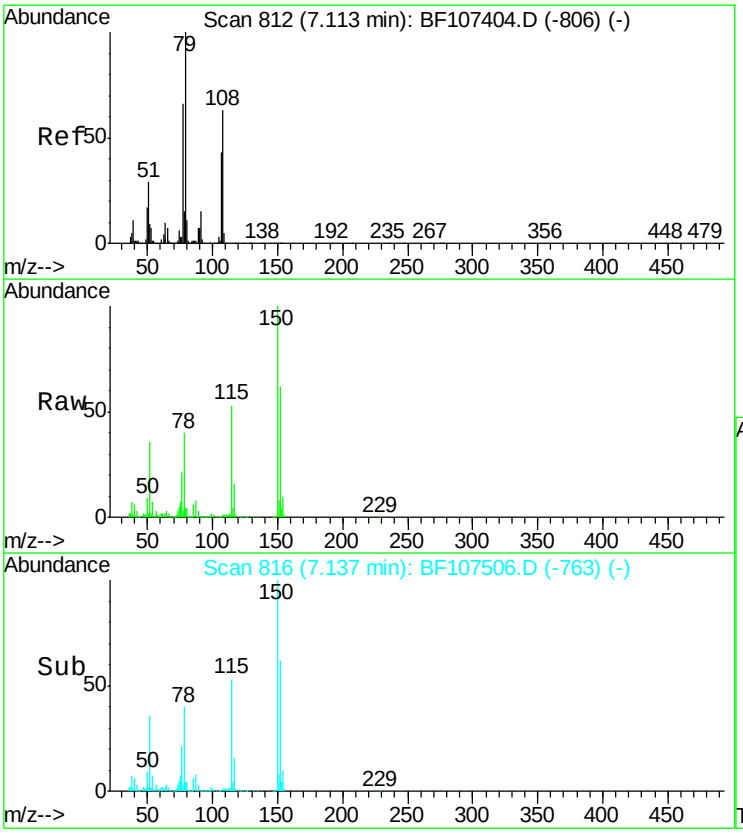
#7
Phenol-d6
Concen: 26.771 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107506.D
Acq: 19 Jul 2018 10:14

Instrument :
BNA_F
ClientSampleId :
071618-DBRI-F-U-S

Tgt Ion: 99 Resp: 269755

Ion	Ratio	Lower	Upper
99	100		
42	23.3	14.5	21.7#
71	54.8	25.4	38.0#

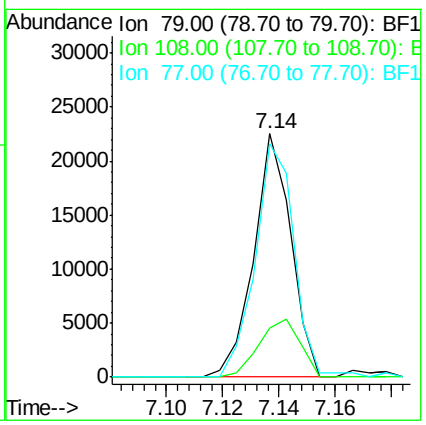


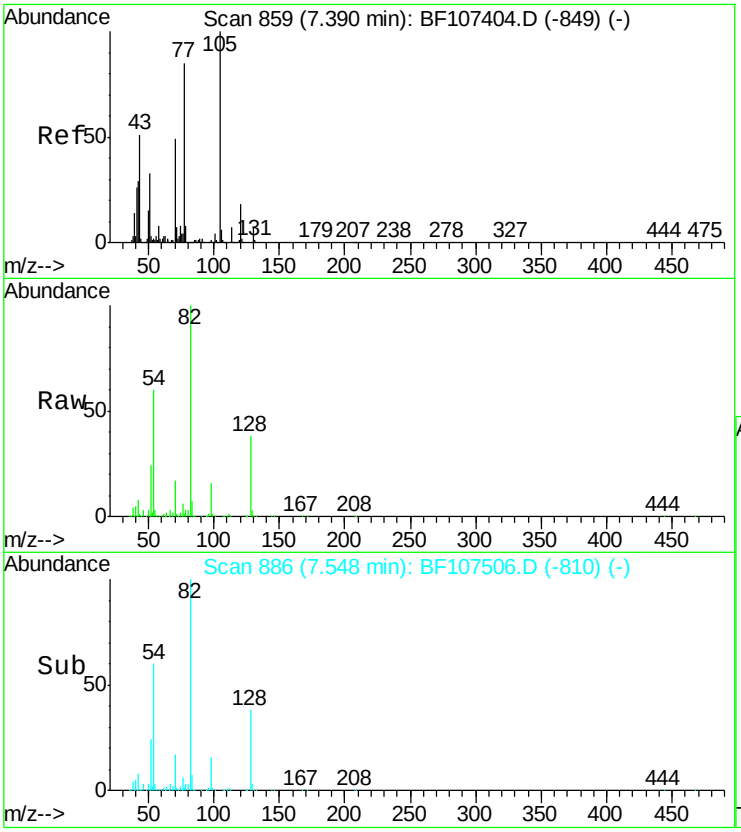


#15
Benzyl Alcohol
Concen: 2.031 ng
RT: 7.14 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF107506.D
Acq: 19 Jul 2018 10:14

Tgt Ion: 79 Resp: 20553

Ion	Ratio	Lower	Upper
79	100		
108	20.1	65.1	97.7#
77	95.7	50.6	75.8#



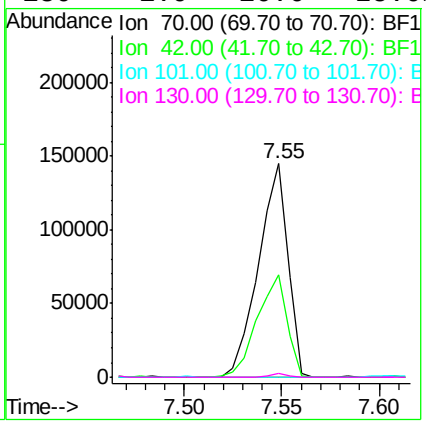


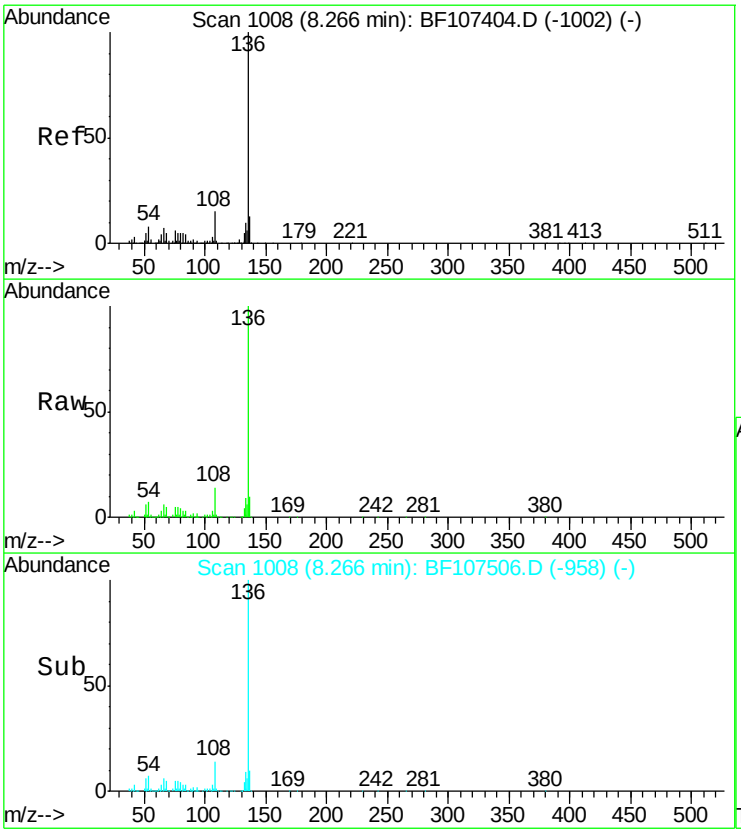
#19
n-Nitroso-di-n-propylamine
Concen: 20.951 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.15 min
Lab File: BF107506.D
Acq: 19 Jul 2018 10:14

Instrument :
BNA_F
ClientSampleId :
071618-DBRI-F-U-S

Tgt Ion: 70 Resp: 151157

Ion	Ratio	Lower	Upper
70	100		
42	47.7	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

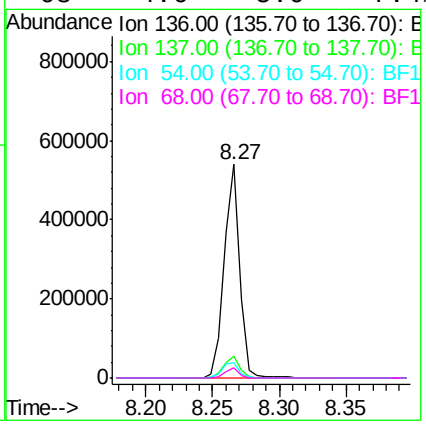


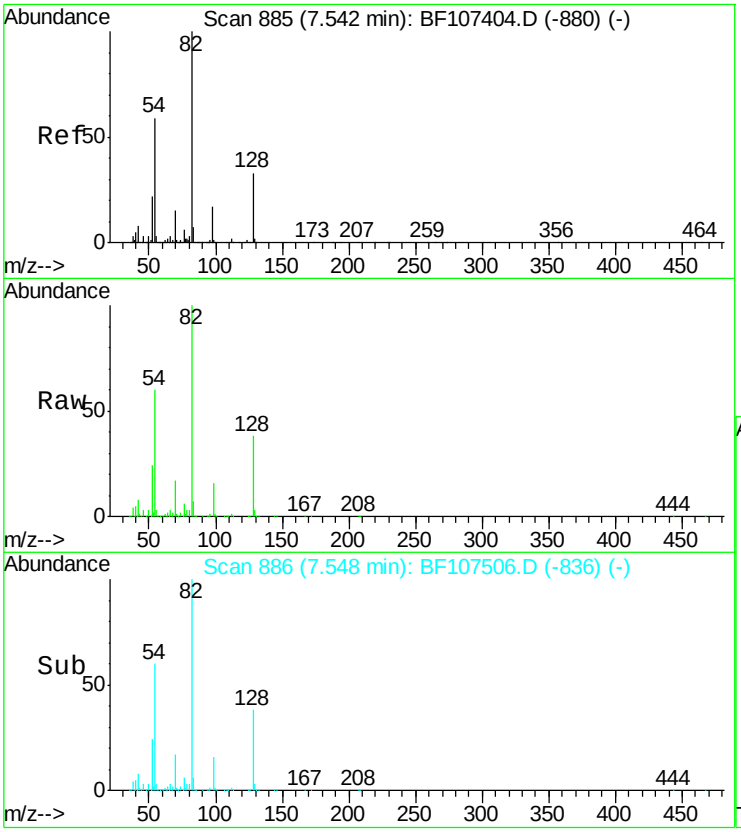


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107506.D
Acq: 19 Jul 2018 10:14

Tgt Ion:136 Resp: 443584

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	7.0	6.6	9.8
68	4.6	5.0	7.4#



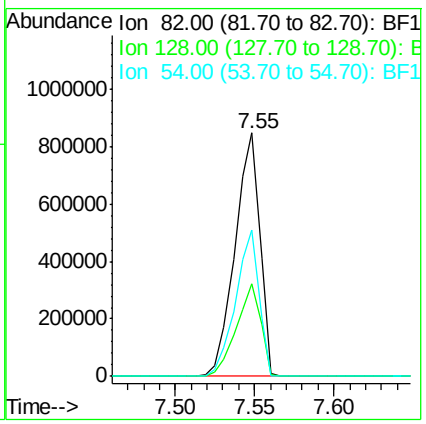


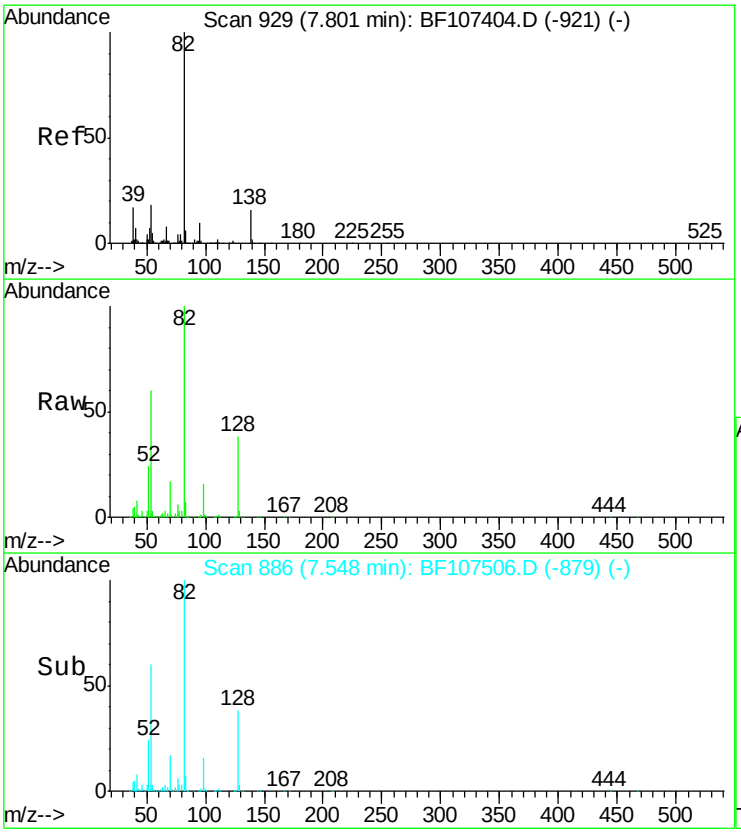
#23
Nitrobenzene-d5
Concen: 110.250 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107506.D
Acq: 19 Jul 2018 10:14

Instrument :
BNA_F
ClientSampleId :
071618-DBRI-F-U-S

Tgt Ion: 82 Resp: 917131

Ion	Ratio	Lower	Upper
82	100		
128	37.9	36.1	54.1
54	60.3	41.4	62.2

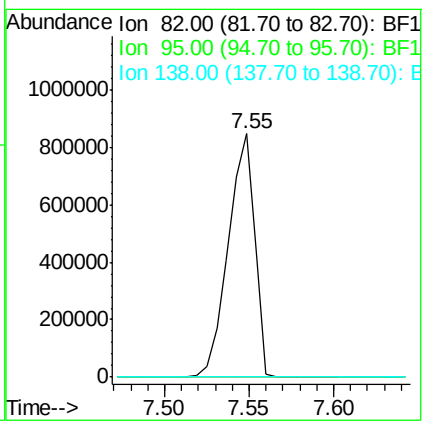


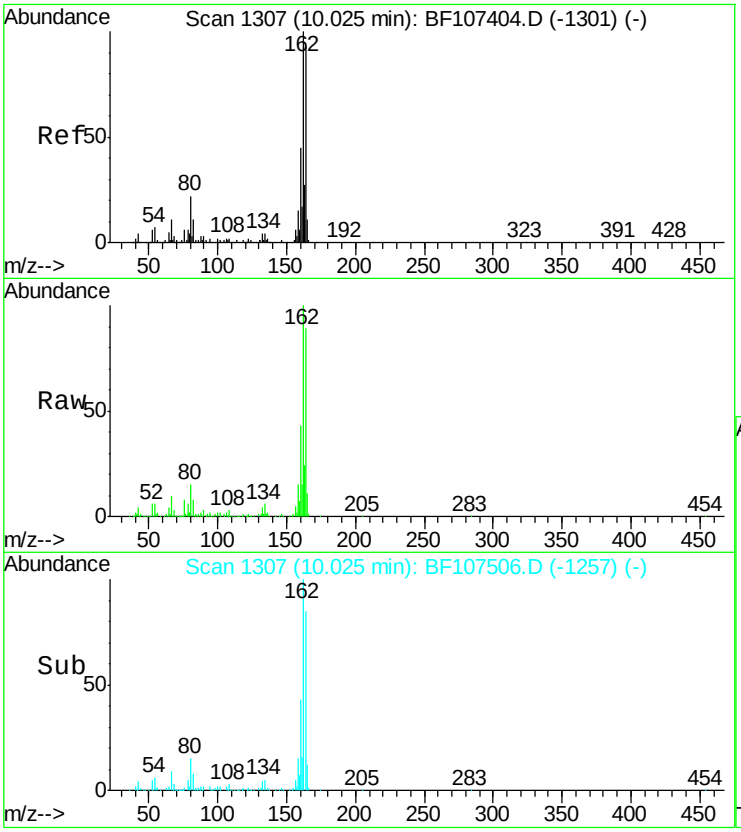


#25
Isophorone
Concen: 55.621 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF107506.D
Acq: 19 Jul 2018 10:14

Tgt Ion: 82 Resp: 917109

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



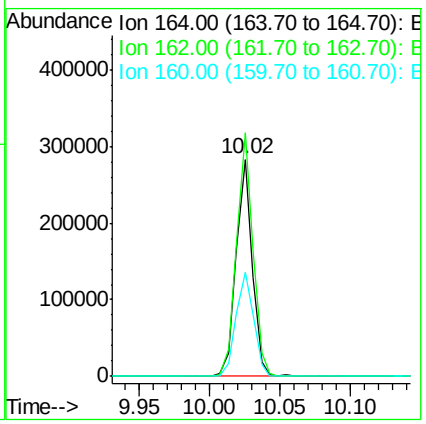


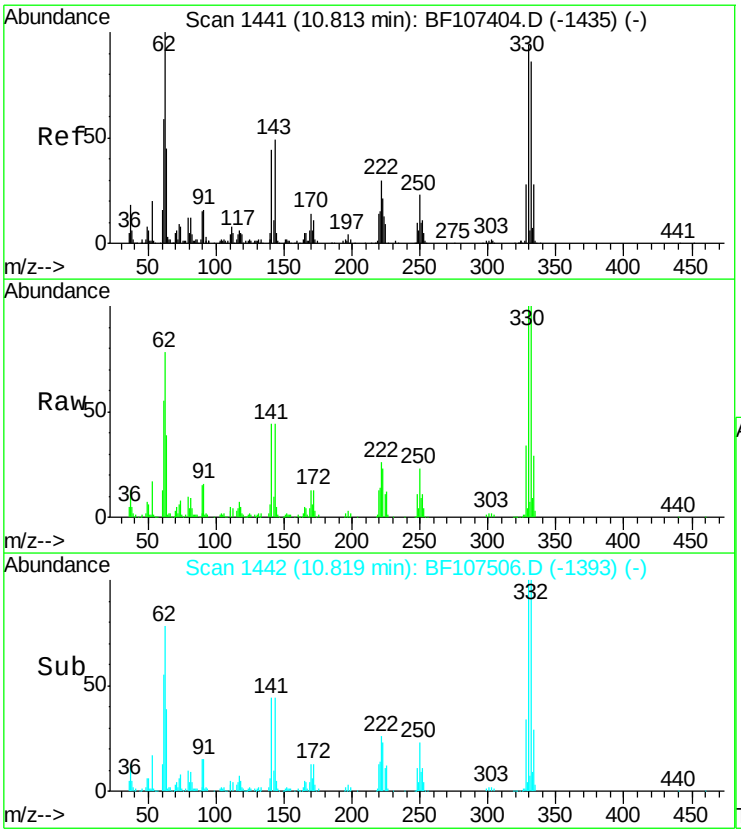
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF107506.D
Acq: 19 Jul 2018 10:14

Instrument :
BNA_F
ClientSampleId :
071618-DBRI-F-U-S

Tgt Ion:164 Resp: 226027

Ion	Ratio	Lower	Upper
164	100		
162	112.0	86.1	129.1
160	48.1	38.3	57.5

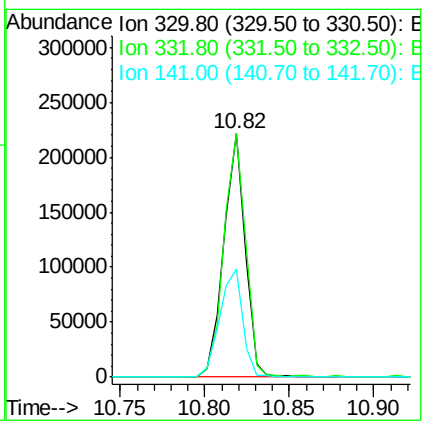


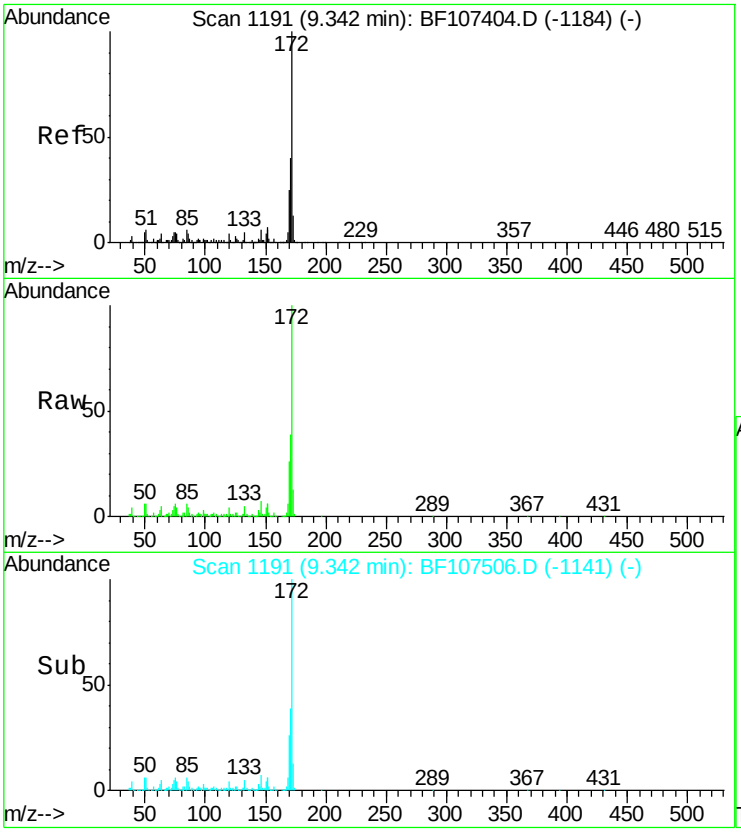


#41
2,4,6-Tribromophenol
Concen: 98.256 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF107506.D
Acq: 19 Jul 2018 10:14

Tgt Ion:330 Resp: 195128

Ion	Ratio	Lower	Upper
330	100		
332	101.1	77.0	115.6
141	47.9	29.9	44.9#



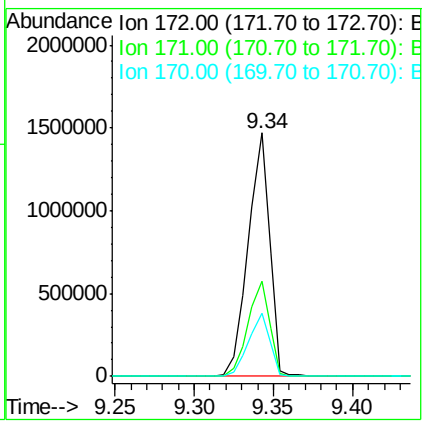


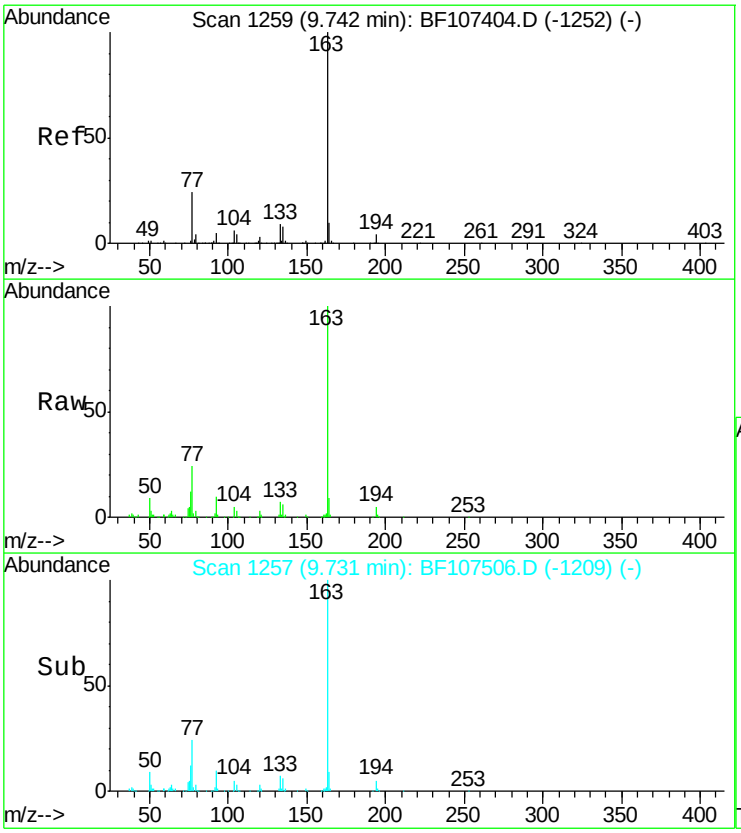
#44
2-Fluorobiphenyl
Concen: 104.695 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107506.D
Acq: 19 Jul 2018 10:14

Instrument :
BNA_F
ClientSampleId :
071618-DBRI-F-U-S

Tgt Ion:172 Resp: 1385218

Ion	Ratio	Lower	Upper
172	100		
171	39.3	29.7	44.5
170	25.9	19.6	29.4

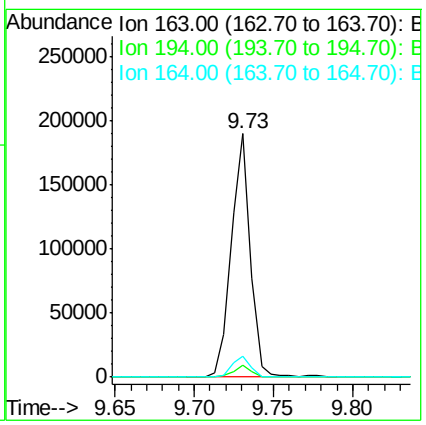


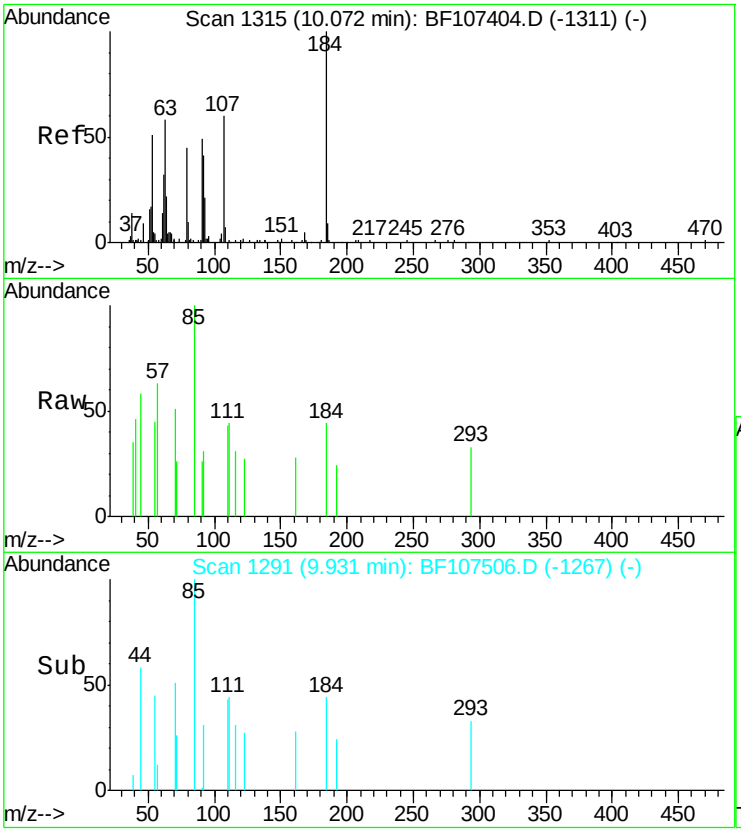


#49
Dimethylphthalate
Concen: 8.800 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107506.D
Acq: 19 Jul 2018 10:14

Tgt Ion:163 Resp: 158039

Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.7	4.1#
164	8.8	8.2	12.2



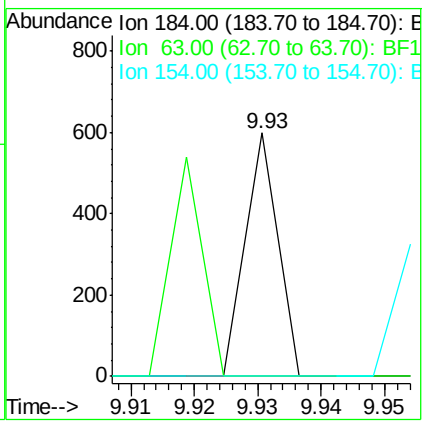


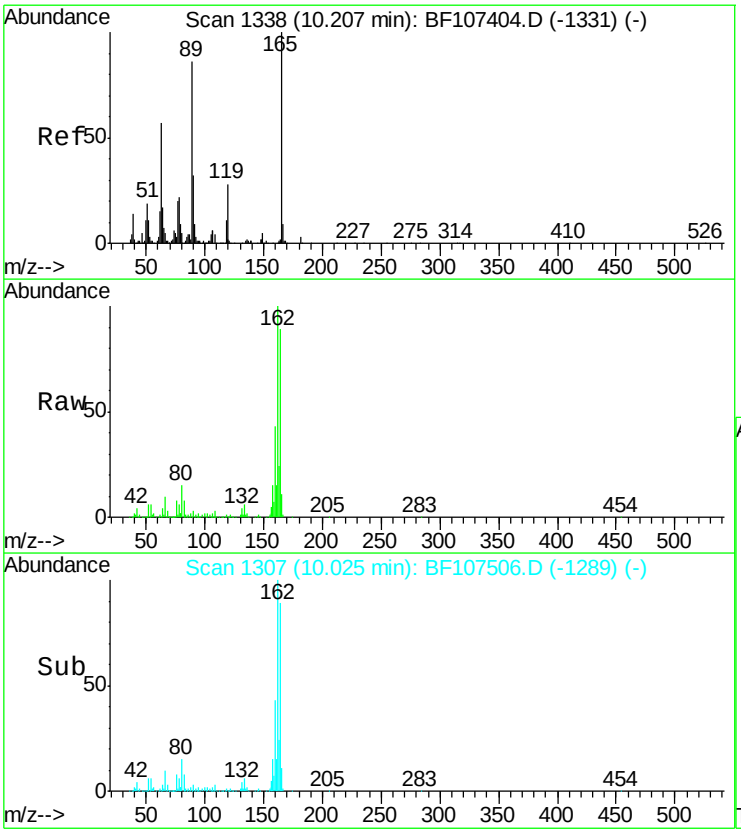
#53
2,4-Dinitrophenol
Concen: 2.504 ng
RT: 9.93 min Scan# 1291
Delta R.T. -0.16 min
Lab File: BF107506.D
Acq: 19 Jul 2018 10:14

Instrument :
BNA_F
ClientSampleId :
071618-DBRI-F-U-S

Tgt Ion:184 Resp: 211

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	184.0	276.0#

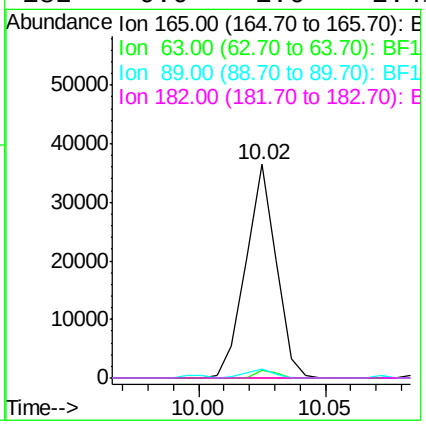


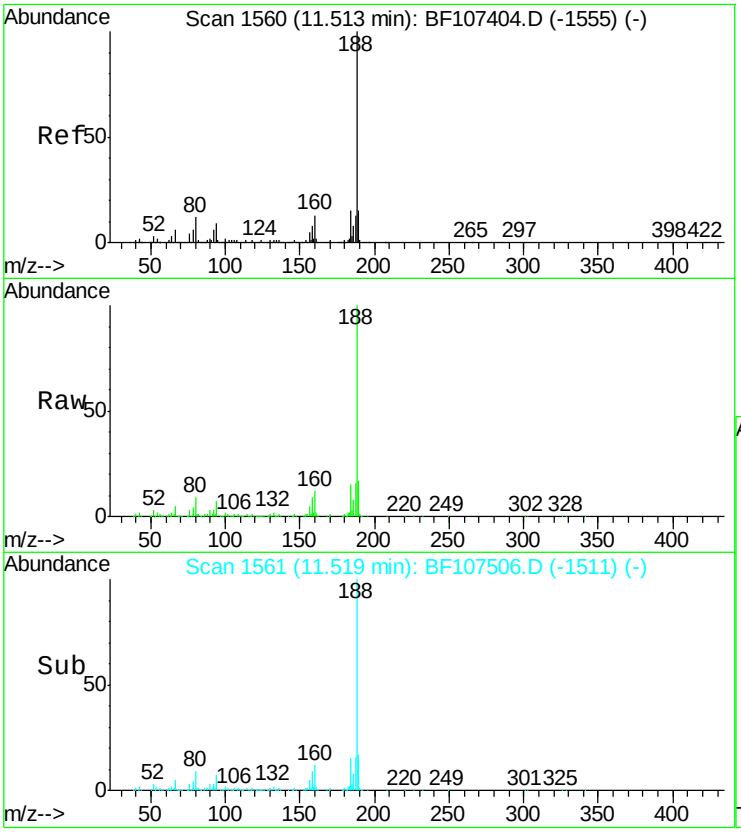


#56
2,4-Dinitrotoluene
Concen: 6.823 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF107506.D
Acq: 19 Jul 2018 10:14

Tgt Ion:165 Resp: 30475

Ion	Ratio	Lower	Upper
165	100		
63	3.7	36.4	54.6#
89	4.4	57.8	86.6#
182	0.0	1.6	2.4#



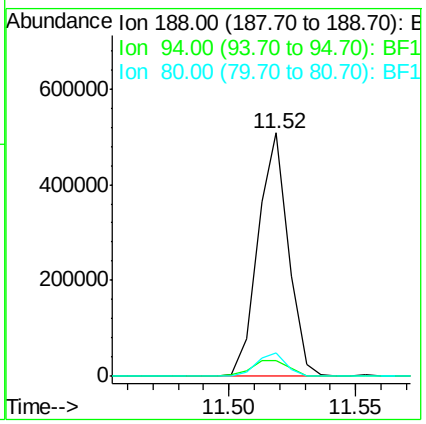


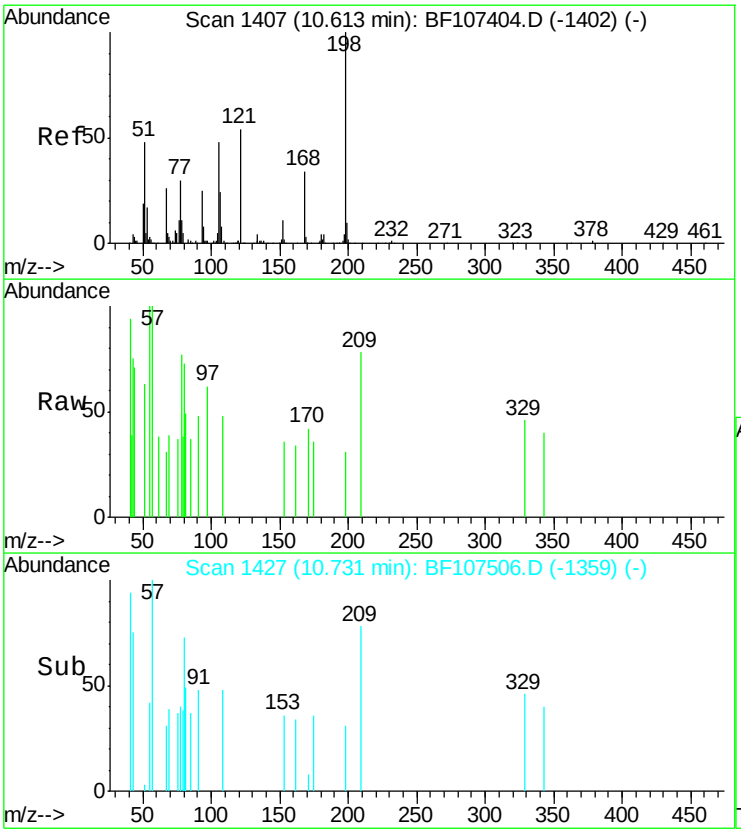
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107506.D
Acq: 19 Jul 2018 10:14

Instrument :
BNA_F
ClientSampleId :
071618-DBRI-F-U-S

Tgt Ion:188 Resp: 420453

Ion	Ratio	Lower	Upper
188	100		
94	6.5	8.5	12.7#
80	9.5	9.2	13.8

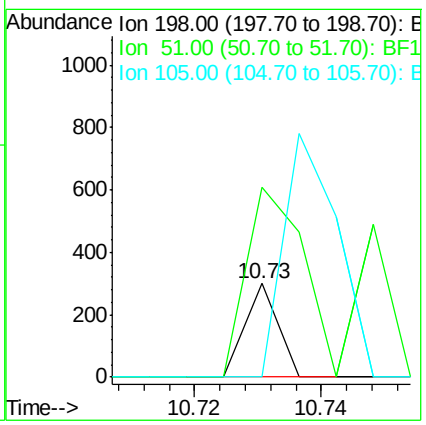


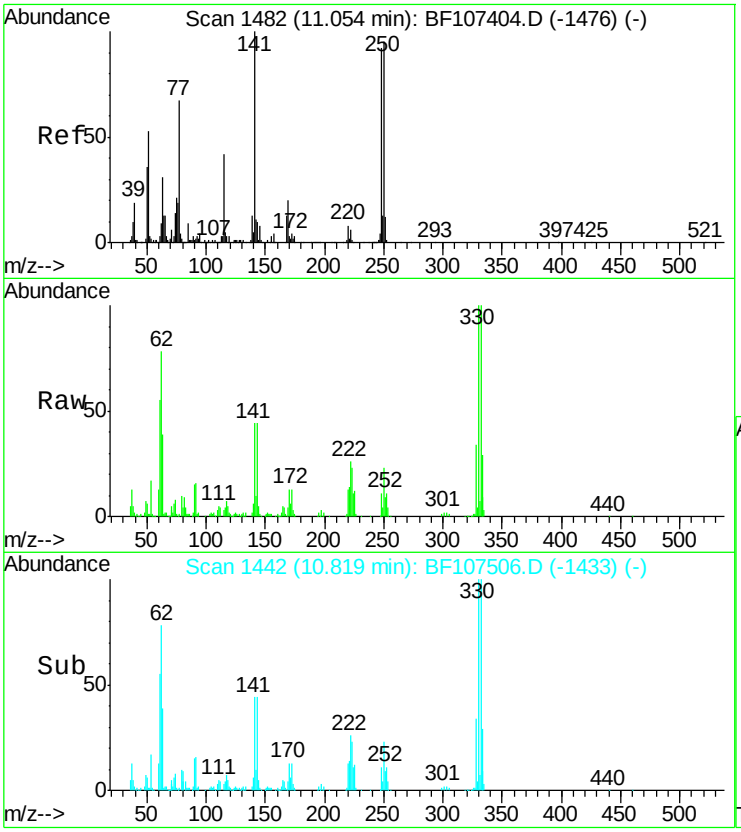


#64
4,6-Dinitro-2-methylphenol
Concen: 7.529 ng
RT: 10.73 min Scan# 1427
Delta R.T. 0.10 min
Lab File: BF107506.D
Acq: 19 Jul 2018 10:14

Tgt Ion:198 Resp: 106

Ion	Ratio	Lower	Upper
198	100		
51	203.0	37.7	77.7#
105	0.0	36.3	76.3#



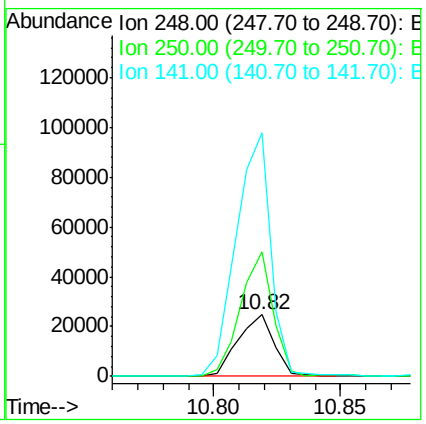


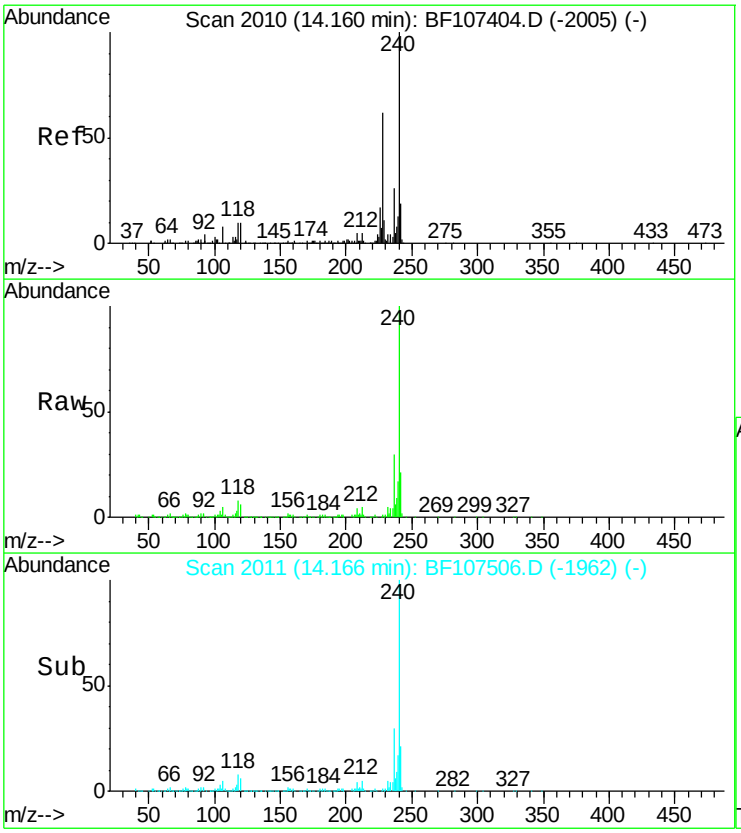
#66
4-Bromophenyl-phenylether
Concen: 5.098 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF107506.D
Acq: 19 Jul 2018 10:14

Instrument :
BNA_F
ClientSampleId :
071618-DBRI-F-U-S

Tgt Ion:248 Resp: 24521

Ion	Ratio	Lower	Upper
248	100		
250	202.3	76.9	115.3#
141	396.0	74.4	111.6#

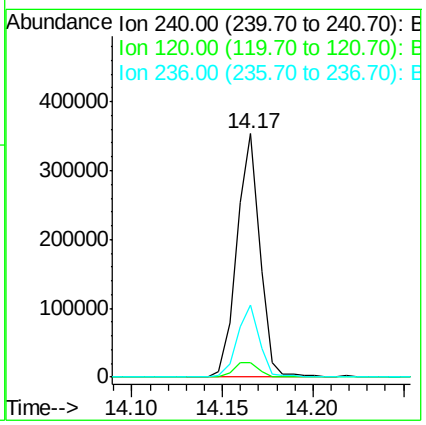


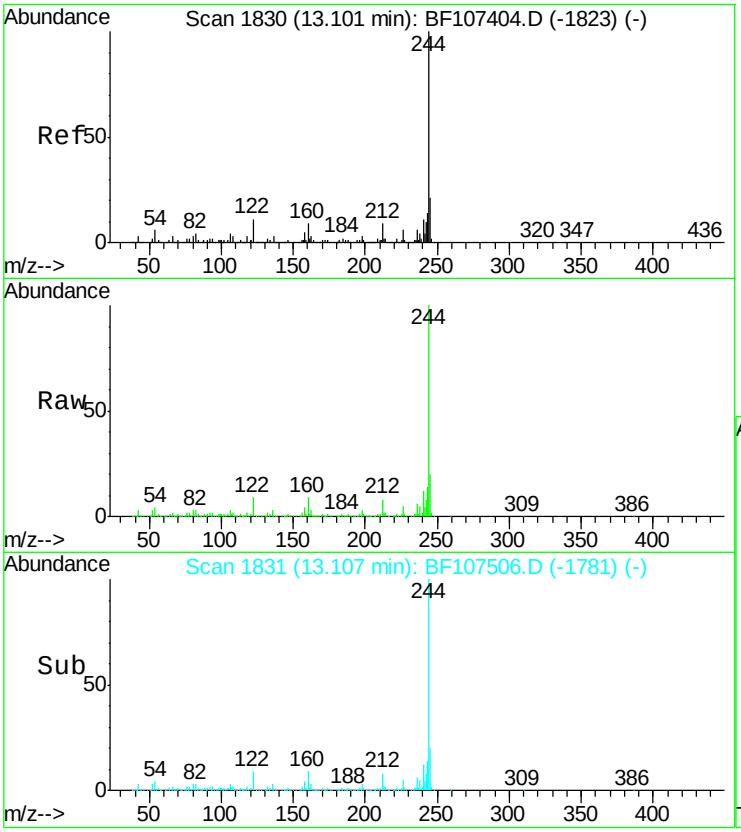


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF107506.D
Acq: 19 Jul 2018 10:14

Tgt Ion:240 Resp: 311529

Ion	Ratio	Lower	Upper
240	100		
120	6.0	9.5	14.3#
236	29.8	20.7	31.1



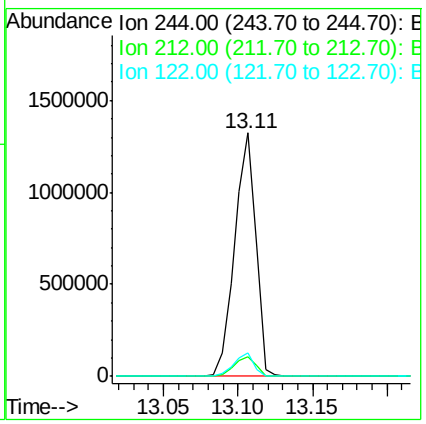


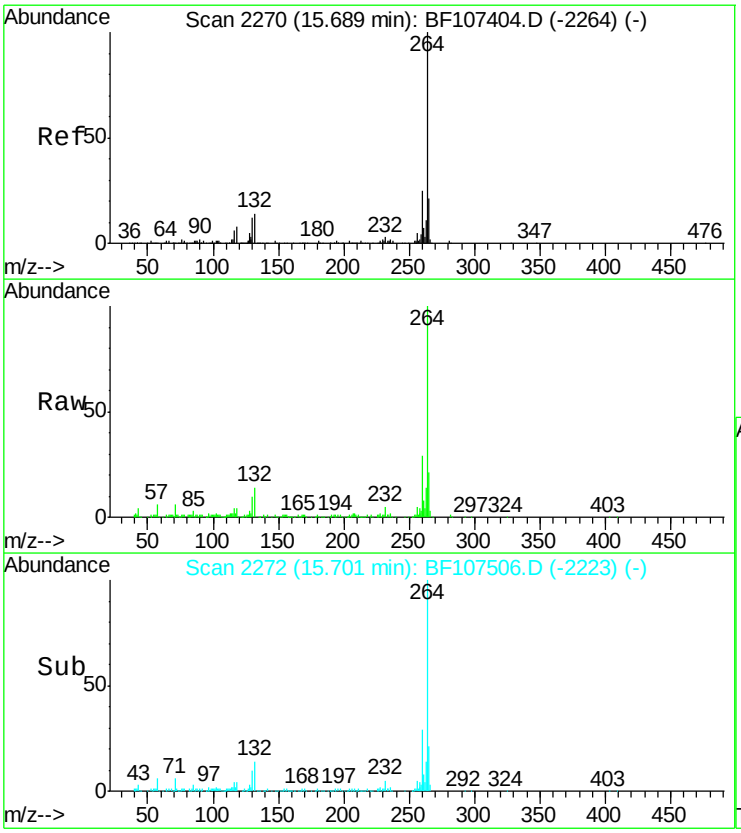
#78
Terphenyl-d14
Concen: 104.833 ng
RT: 13.11 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF107506.D
Acq: 19 Jul 2018 10:14

Instrument :
BNA_F
ClientSampleId :
071618-DBRI-F-U-S

Tgt Ion:244 Resp: 1314456

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.4	8.0#
122	9.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF107506.D
Acq: 19 Jul 2018 10:14

Tgt Ion:264 Resp: 279224

Ion	Ratio	Lower	Upper
264	100		
260	29.2	19.2	28.8#
265	21.3	17.5	26.3