Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071818\
Data File : BF107505.D
Acq On : 19 Jul 2018 9:48
Operator : JU/SJ
Sample : J4033-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

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

Quant Time: Jul 19 10:50:55 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	112246	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	404085	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	208920	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	371859	20.00	ng	0.00
75) Chrysene-d12	14.17	240	285353	20.00	ng	-0.01
86) Perylene-d12	15.71	264	258130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	303446	41.06	ng	0.00
7) Phenol-d6	6.60	99	272315	28.50	ng	-0.01
23) Nitrobenzene-d5	7.55	82	900249	118.80	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	181900	99.10	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1353352	111.37	ng	0.00
78) Terphenyl-d14	13.11	244	1190611	103.67	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.55	70	151228	22.104	ng	# 75
25) Isophorone	7.55	82	900240	59.935	ng	# 64
49) Dimethylphthalate	9.73	163	128505	7.742	ng	# 99
53) 2,4-Dinitrophenol	10.21	184	184	2.489	ng	# 1
56) 2,4-Dinitrotoluene	10.02	165	28176	6.824	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.61	198	127	7.543	ng	# 20
66) 4-Bromophenyl-phenylether	10.82	248	19592	4.605	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071818\
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071618-DBRI-F-U-B

Quant Time: Jul 19 10:50:55 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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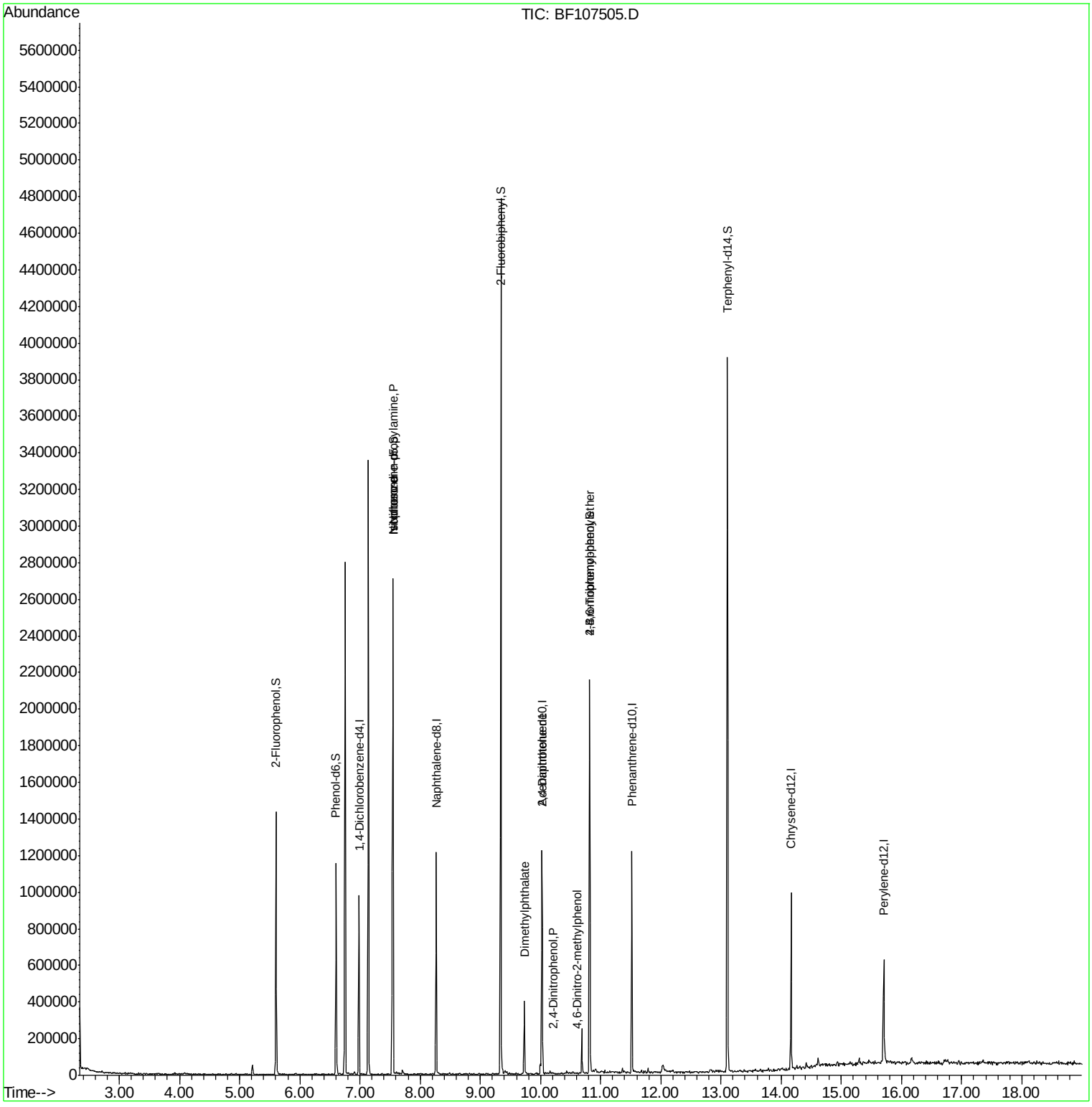
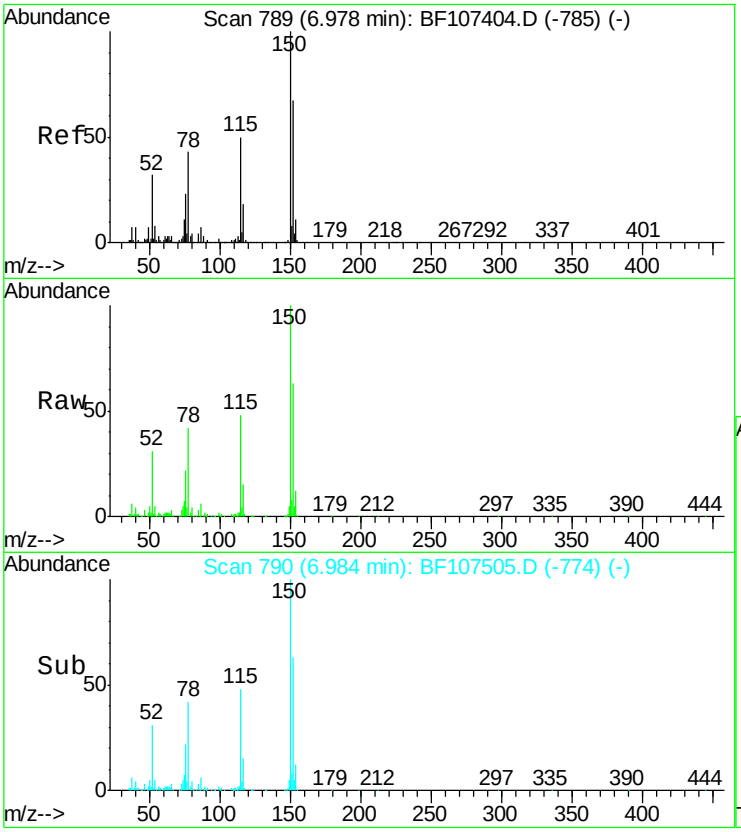
Response via : Initial Calibration



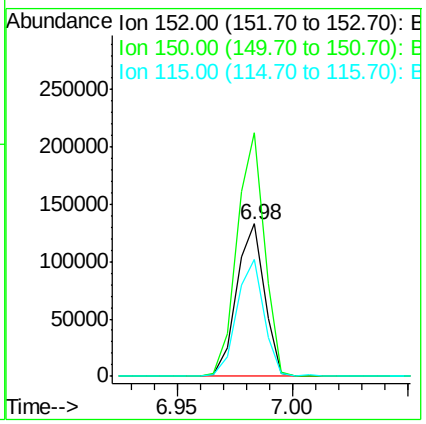


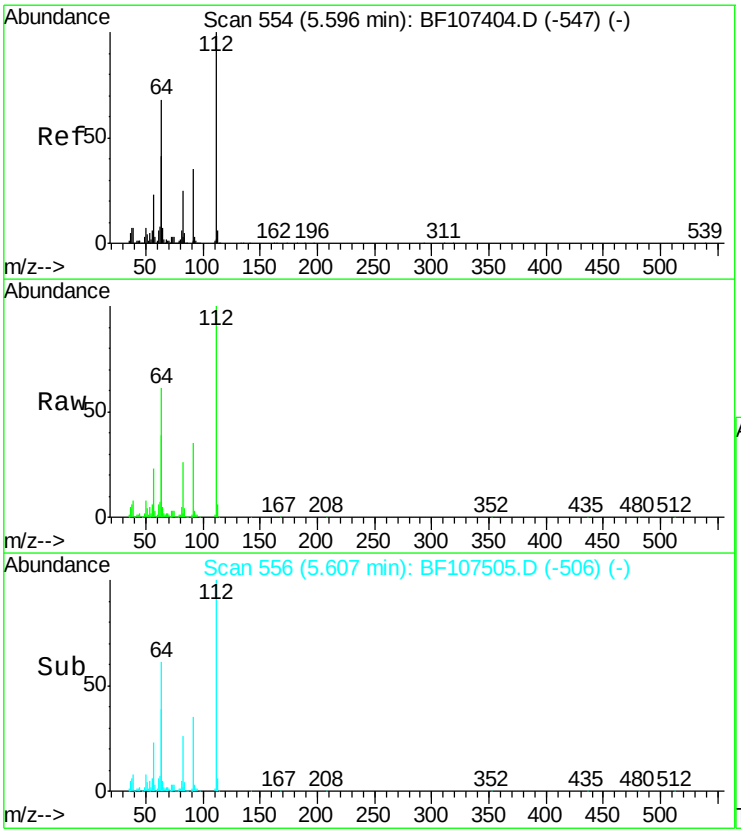
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

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

Tgt Ion:152 Resp: 112246

Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	76.7	50.1	75.1#

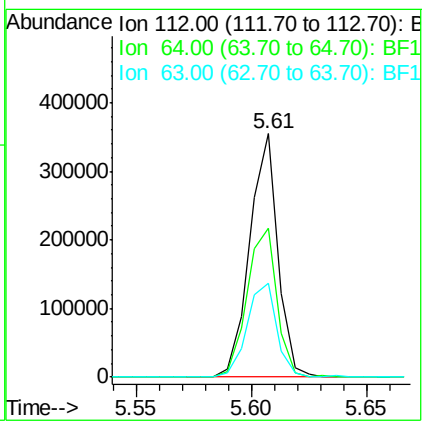


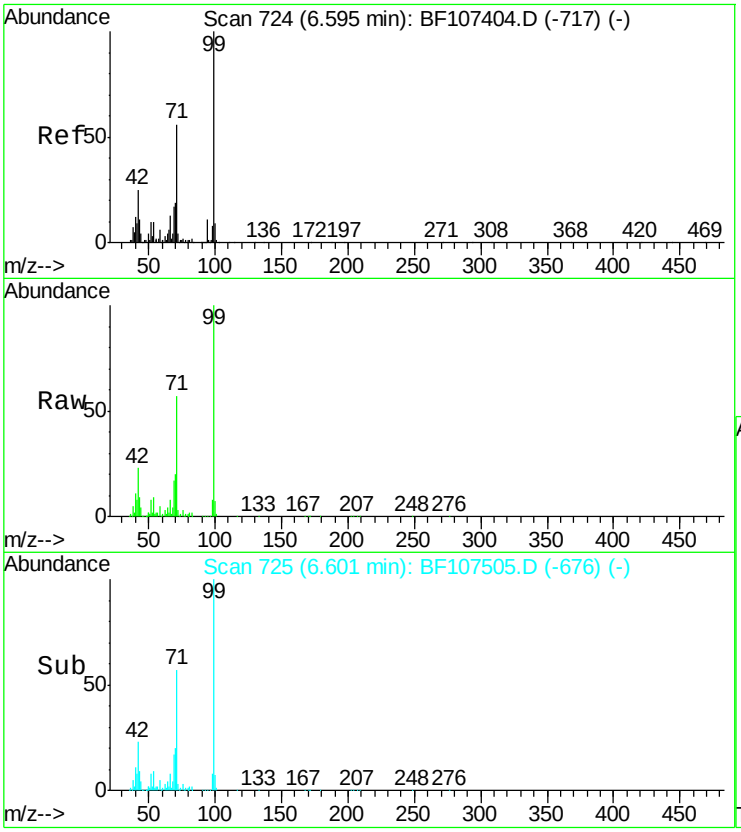


#5
2-Fluorophenol
Concen: 41.058 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

Tgt Ion:112 Resp: 303446

Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.9	71.9
63	38.7	23.7	35.5#



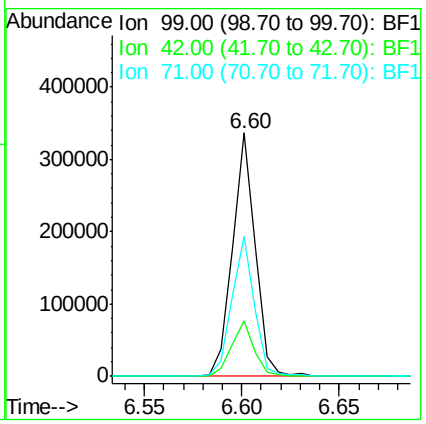


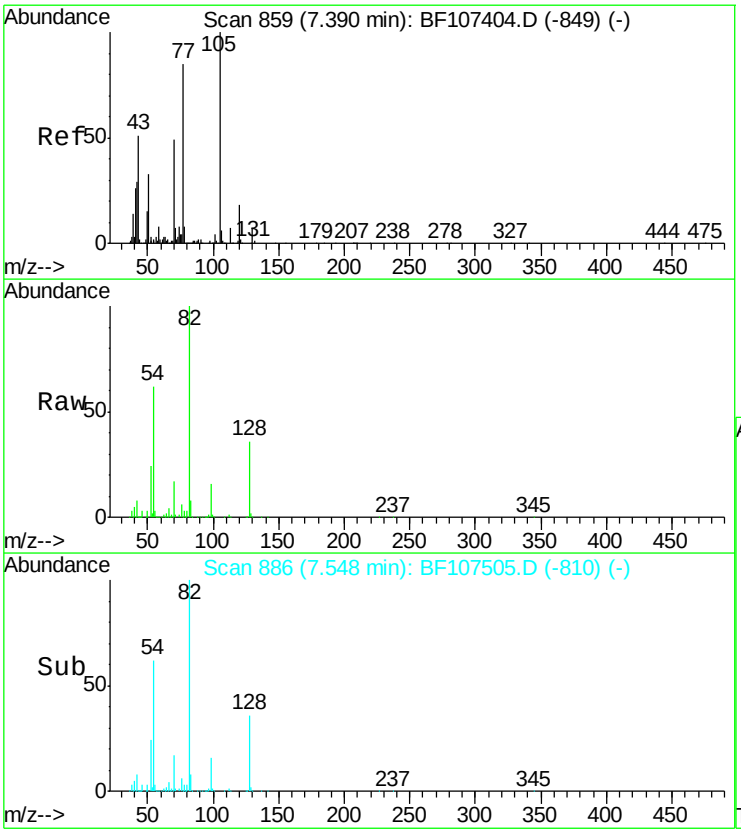
#7
Phenol-d6
Concen: 28.499 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

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

Tgt Ion: 99 Resp: 272315

Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.5	21.7#
71	57.3	25.4	38.0#

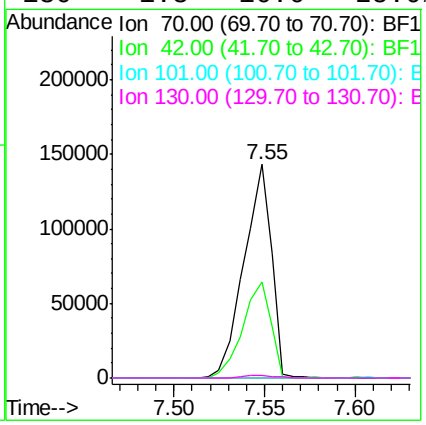


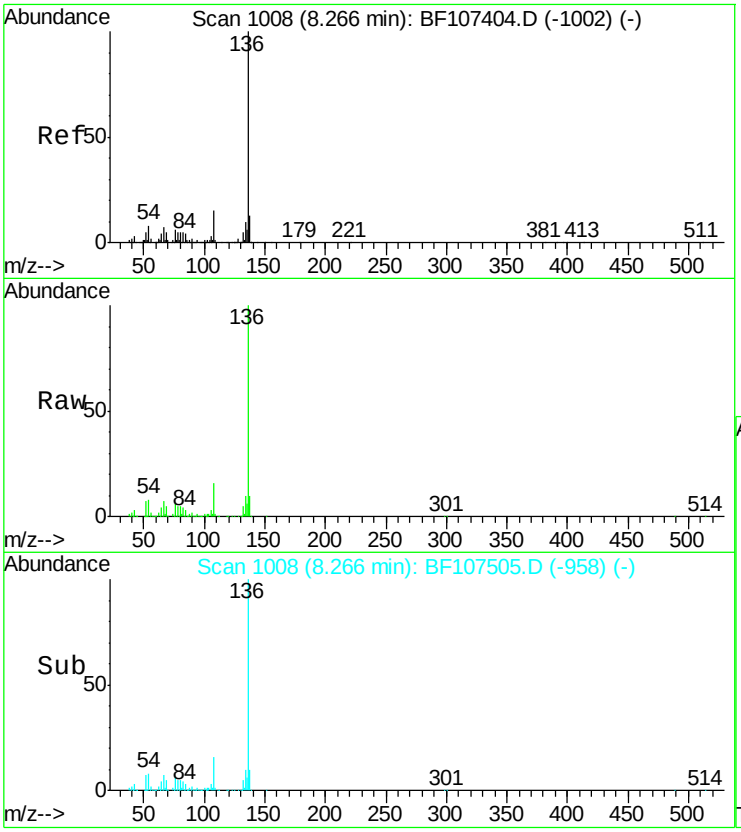


#19
n-Nitroso-di-n-propylamine
Concen: 22.104 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.15 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

Tgt Ion: 70 Resp: 151228

Ion	Ratio	Lower	Upper
70	100		
42	44.9	47.5	71.3#
101	0.0	7.4	11.2#
130	1.3	16.6	25.0#



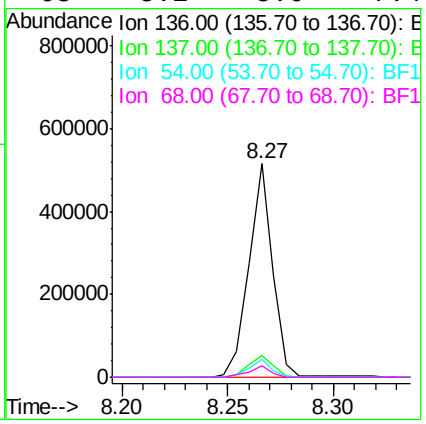


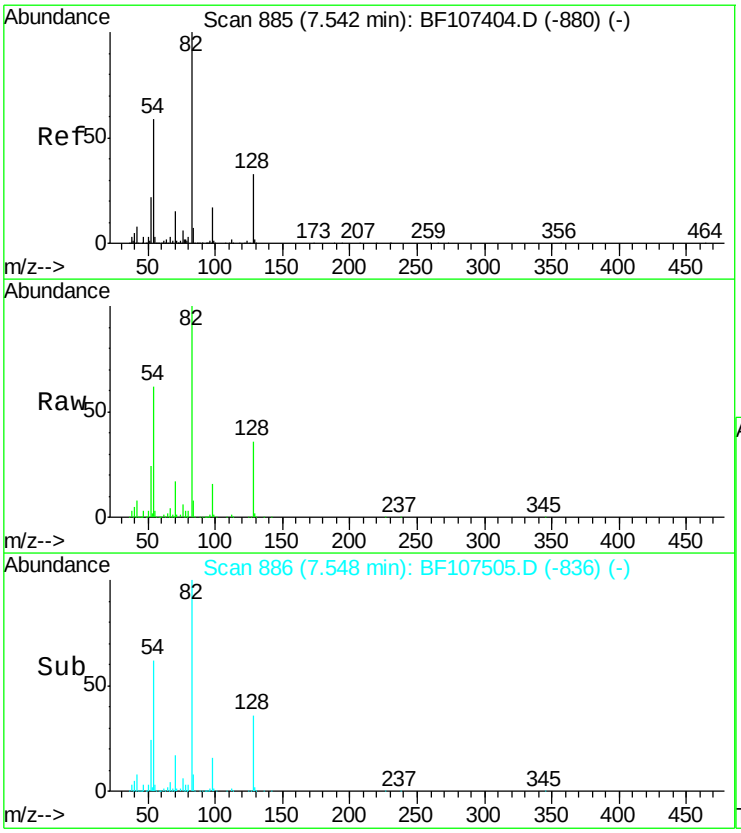
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

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

Tgt Ion:136 Resp: 404085

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.2	6.6	9.8
68	5.2	5.0	7.4

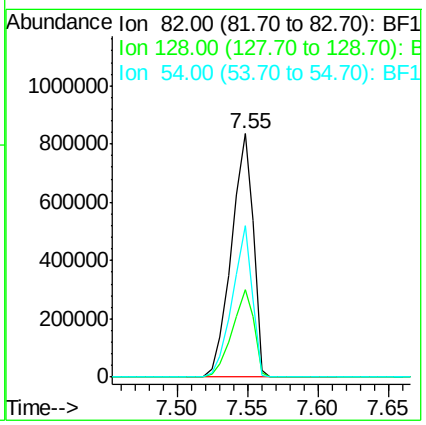


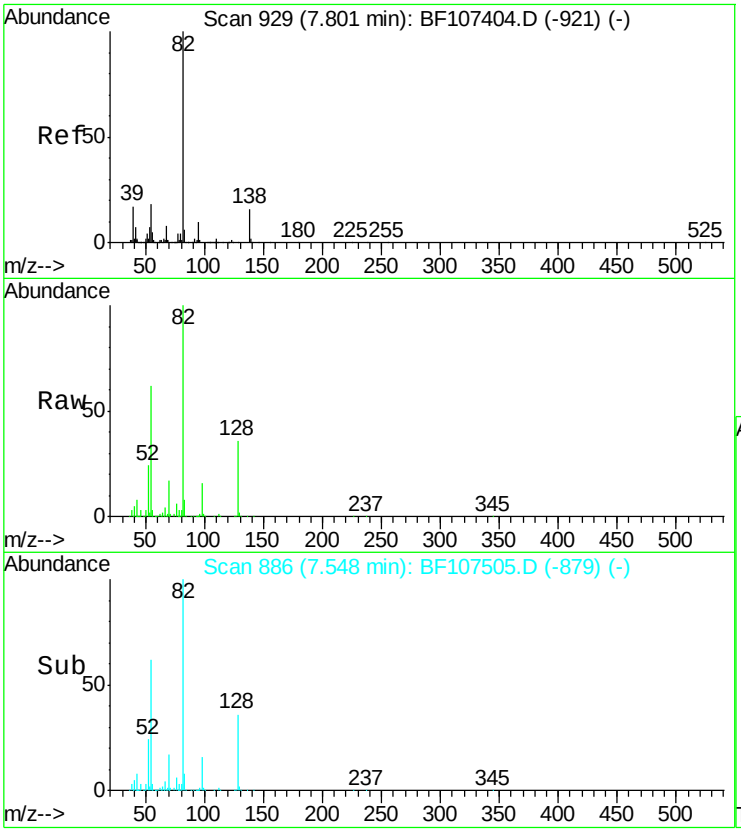


#23
Nitrobenzene-d5
Concen: 118.799 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

Tgt Ion: 82 Resp: 900249

Ion	Ratio	Lower	Upper
82	100		
128	36.1	36.1	54.1
54	62.4	41.4	62.2#



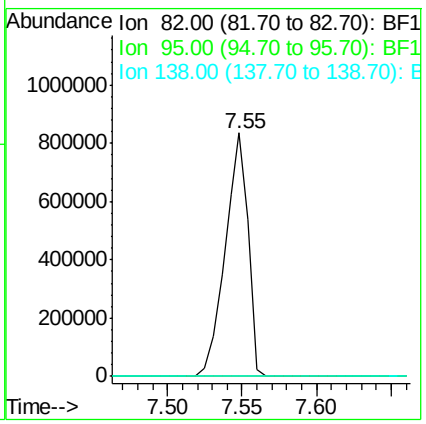


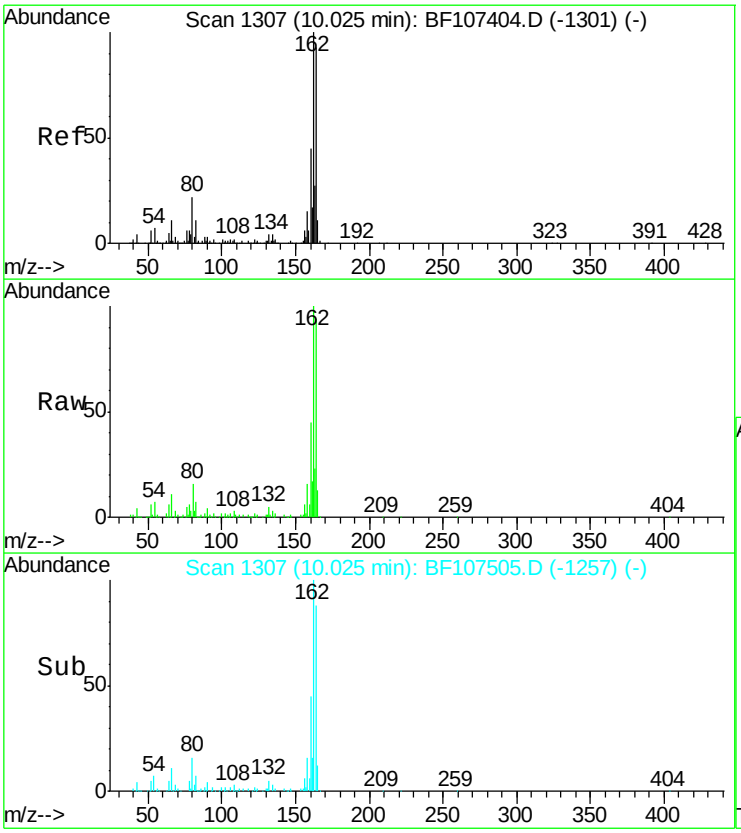
#25
Isophorone
Concen: 59.935 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

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

Tgt Ion: 82 Resp: 900240

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

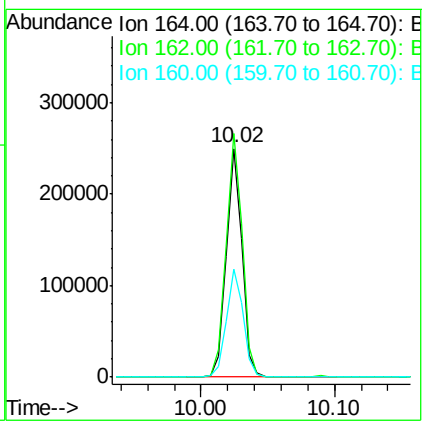


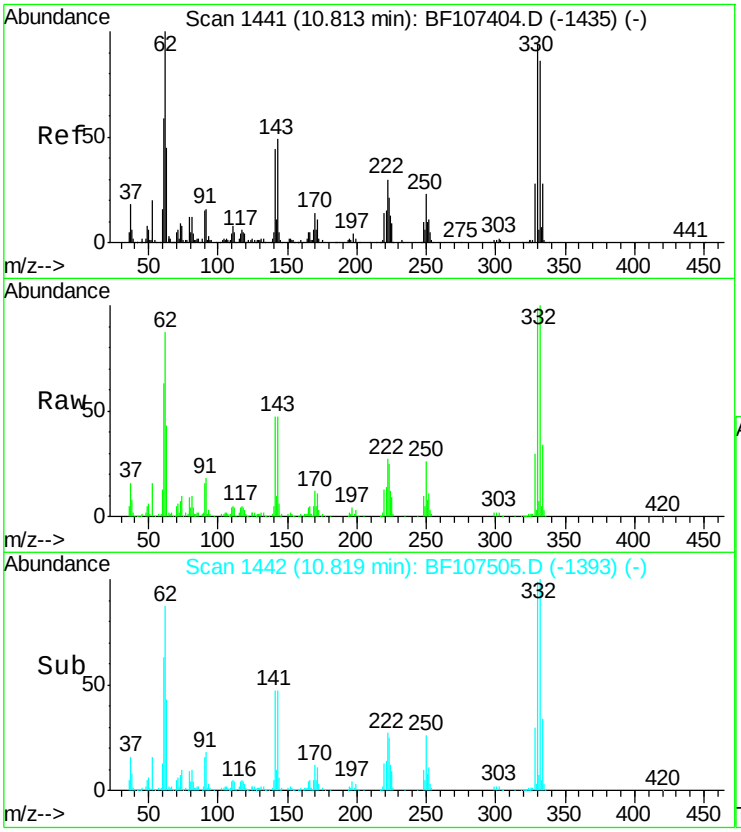


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

Tgt Ion:164 Resp: 208920

Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.1	129.1
160	47.4	38.3	57.5



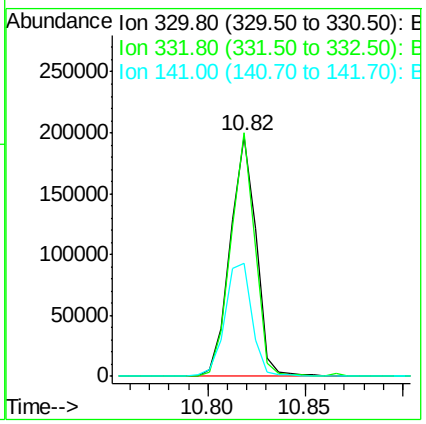


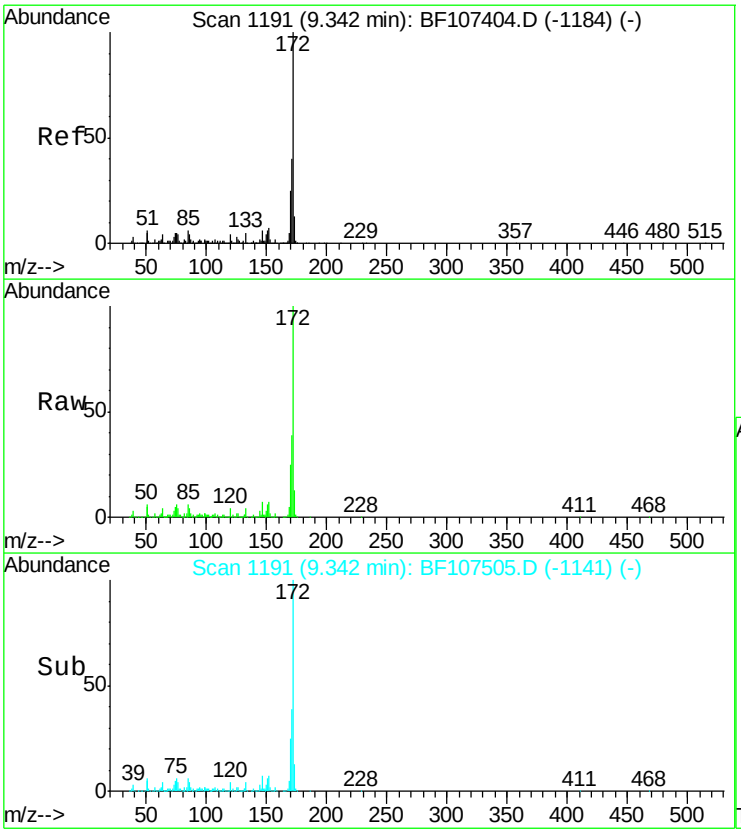
#41
2,4,6-Tribromophenol
Concen: 99.095 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

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

Tgt Ion:330 Resp: 181900

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	49.2	29.9	44.9#

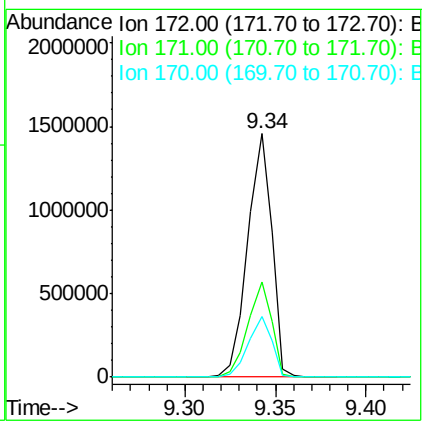


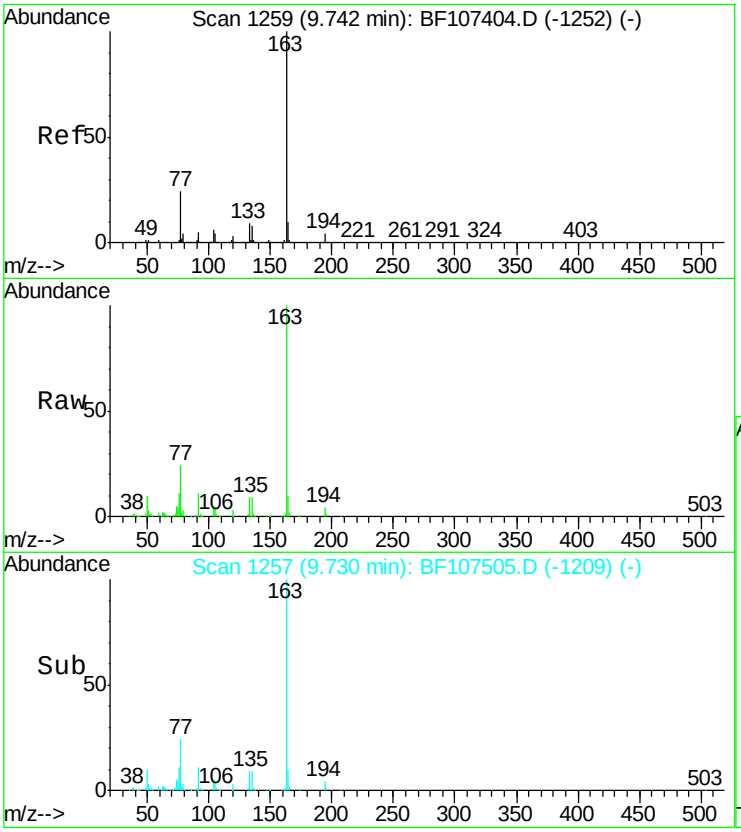


#44
2-Fluorobiphenyl
Concen: 111.371 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

Tgt Ion:172 Resp: 1353352

Ion	Ratio	Lower	Upper
172	100		
171	39.1	29.7	44.5
170	25.0	19.6	29.4



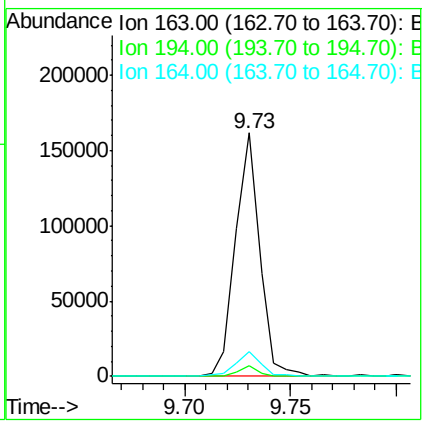


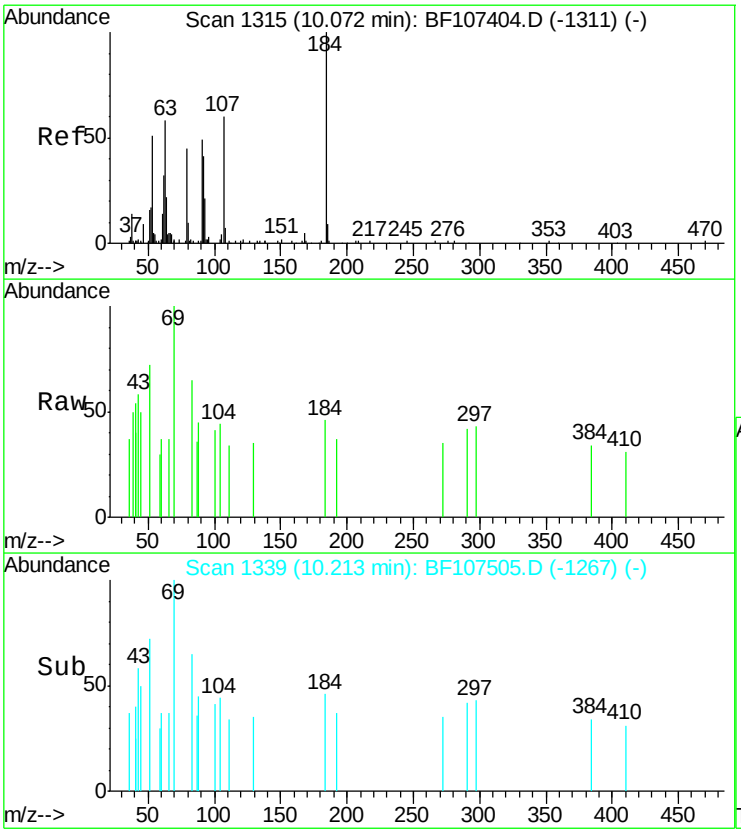
#49
Dimethylphthalate
Concen: 7.742 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

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

Tgt Ion:163 Resp: 128505

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.3	8.2	12.2

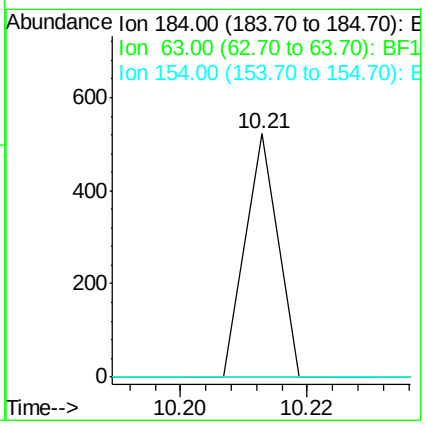


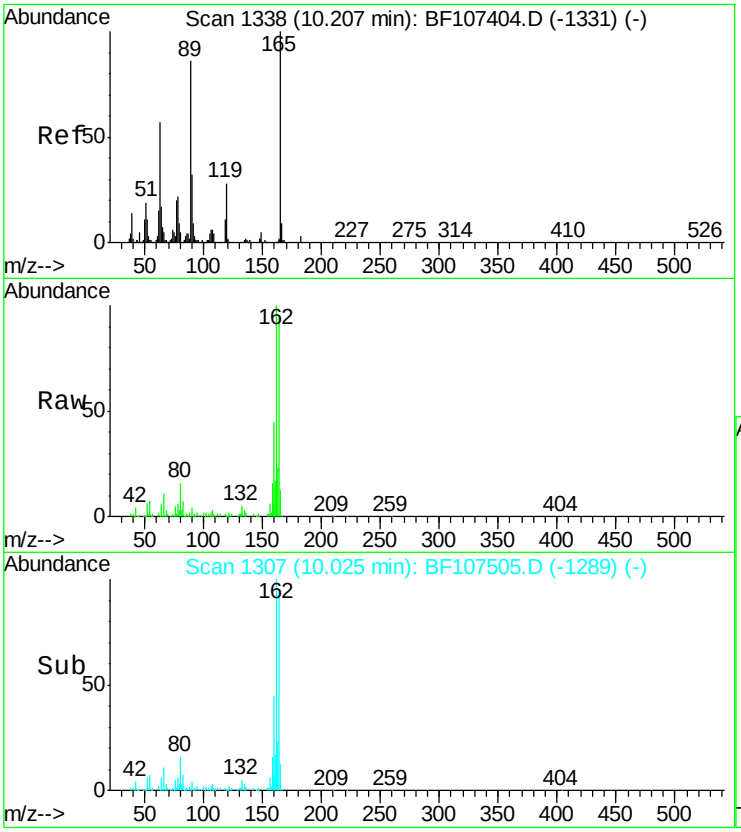


#53
2,4-Dinitrophenol
Concen: 2.489 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.12 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

Tgt Ion:184 Resp: 184

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



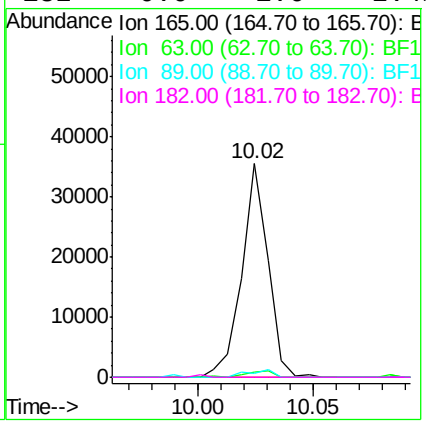


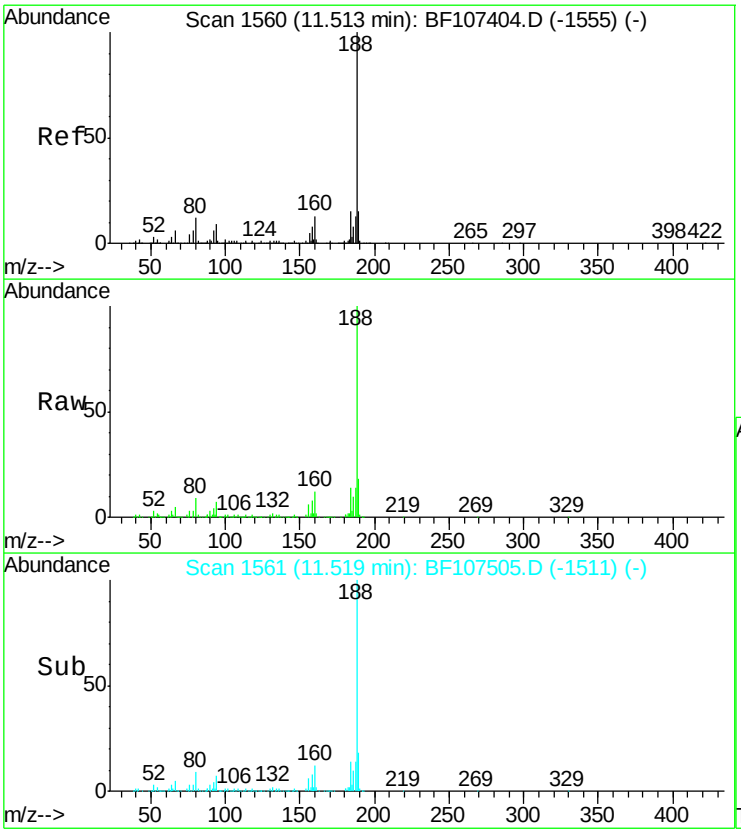
#56
2,4-Dinitrotoluene
Concen: 6.824 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

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

Tgt Ion:165 Resp: 28176

Ion	Ratio	Lower	Upper
165	100		
63	2.4	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

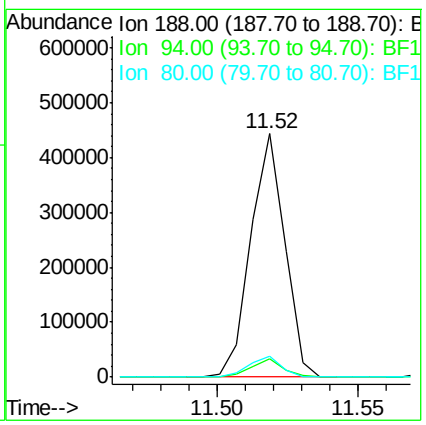


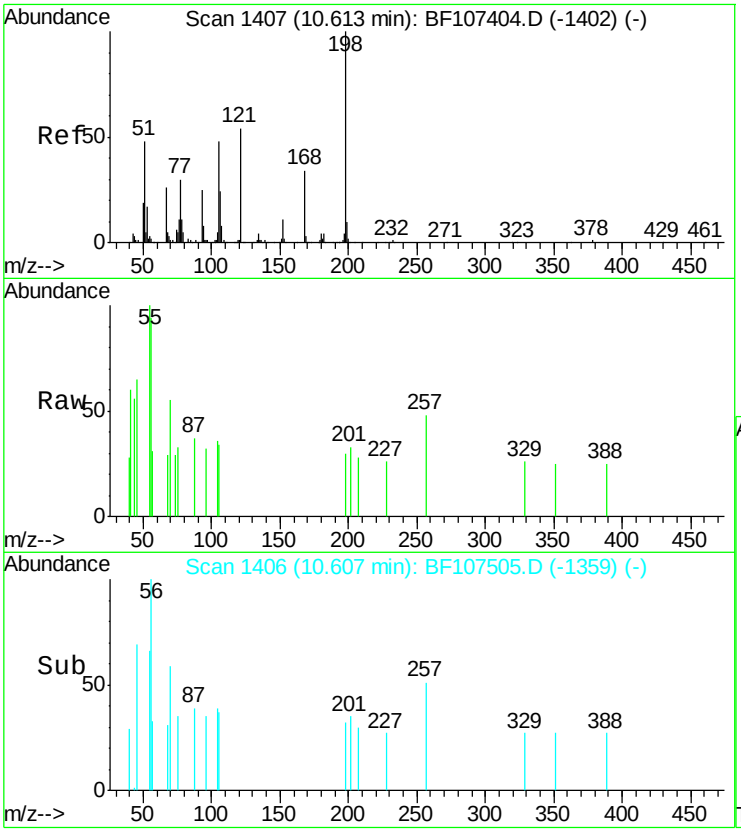


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

Tgt Ion:188 Resp: 371859

Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.5	12.7#
80	8.8	9.2	13.8#



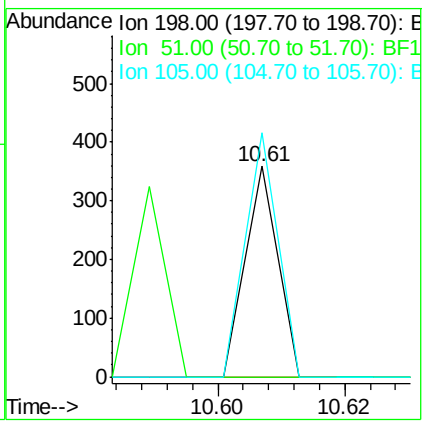


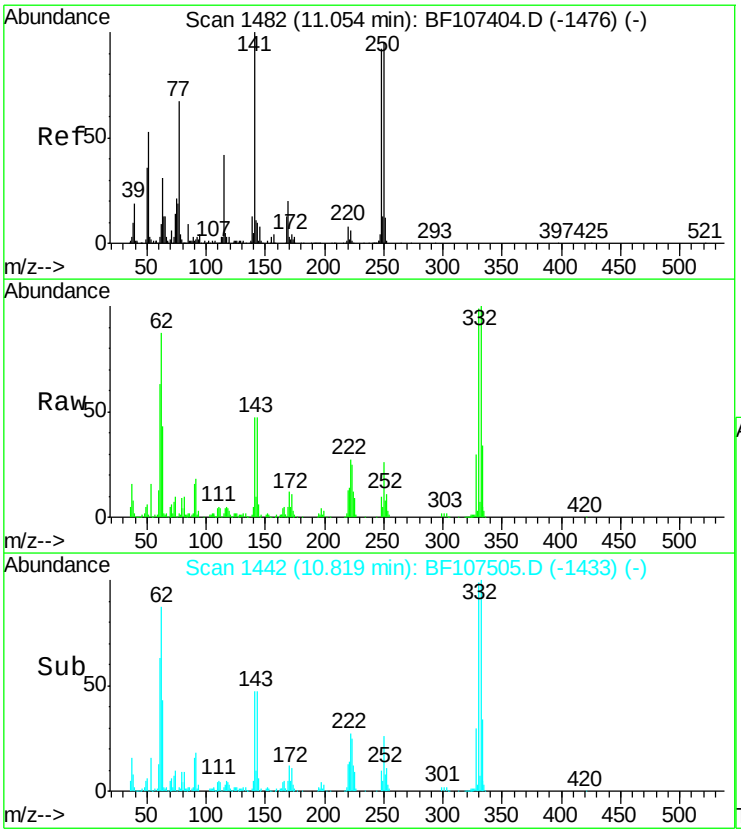
#64
4,6-Dinitro-2-methylphenol
Concen: 7.543 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.02 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

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

Tgt Ion:198 Resp: 127

Ion	Ratio	Lower	Upper
198	100		
51	0.0	37.7	77.7#
105	115.9	36.3	76.3#

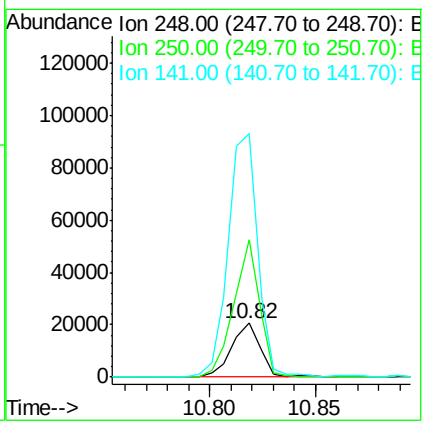


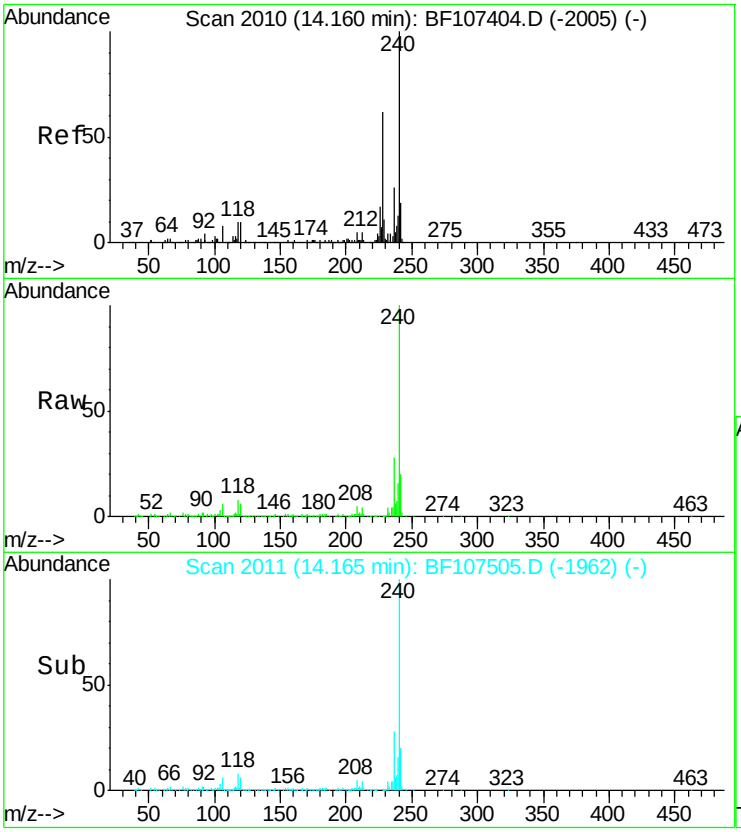


#66
4-Bromophenyl-phenylether
Concen: 4.605 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

Tgt Ion:248 Resp: 19592

Ion	Ratio	Lower	Upper
248	100		
250	254.6	76.9	115.3#
141	450.3	74.4	111.6#



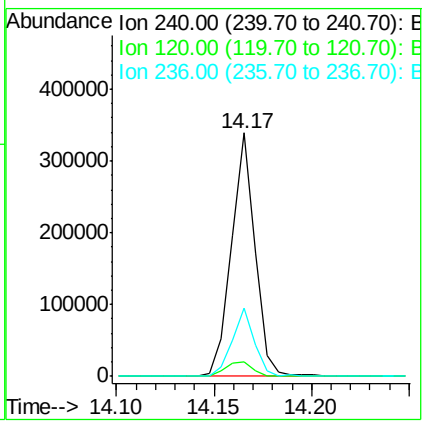


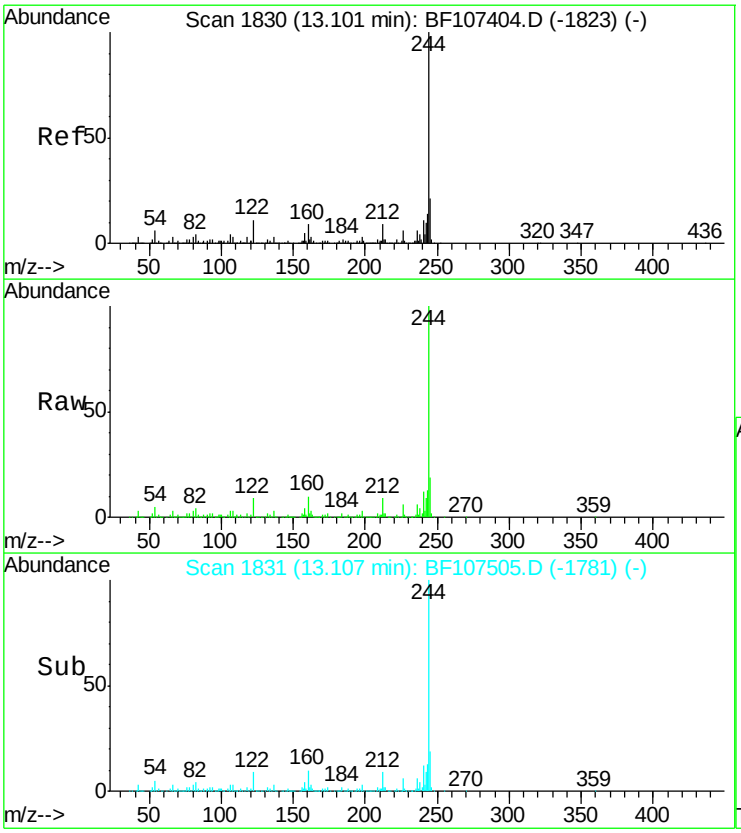
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

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

Tgt Ion:240 Resp: 285353

Ion	Ratio	Lower	Upper
240	100		
120	6.0	9.5	14.3#
236	27.9	20.7	31.1

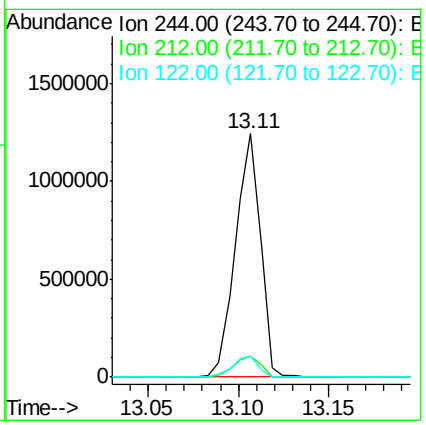


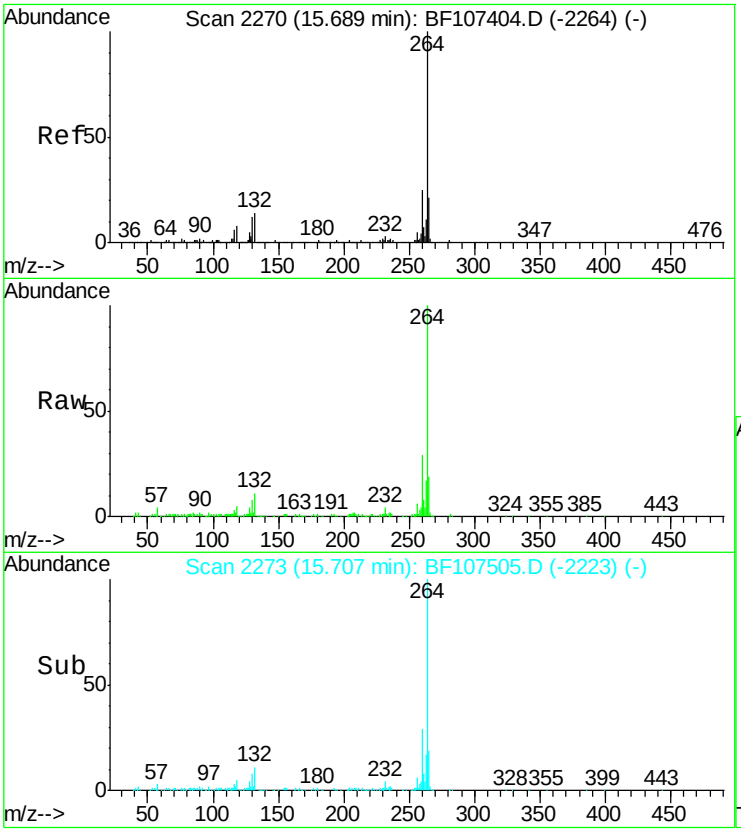


#78
Terphenyl-d14
Concen: 103.667 ng
RT: 13.11 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

Tgt Ion:244 Resp: 1190611

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.4	8.0#
122	8.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

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

Tgt Ion:264 Resp: 258130

Ion	Ratio	Lower	Upper
264	100		
260	28.6	19.2	28.8
265	18.8	17.5	26.3