Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107496.D
Acq On : 19 Jul 2018 5:50
Operator : JU/SJ
Sample : J4027-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 19 06:40:18 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	114352	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	418700	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	208053	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	360886	20.00	ng		0.00
75) Chrysene-d12	14.17	240	324146	20.00	ng		-0.01
86) Perylene-d12	15.70	264	298853	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	565895	75.16	ng		0.00
7) Phenol-d6	6.61	99	677627	69.61	ng		0.00
23) Nitrobenzene-d5	7.54	82	515342	65.63	ng		-0.01
41) 2,4,6-Tribromophenol	10.82	330	159043	87.00	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	920129	72.09	ng		0.00
78) Terphenyl-d14	13.11	244	819473	62.81	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	20787	2.654	ng		88
25) Isophorone	7.54	82	515208	33.104	ng	#	64
35) Caprolactam	8.67	113	11313	5.343	ng		90
49) Dimethylphthalate	9.73	163	96589	5.843	ng		99
50) 2,6-Dinitrotoluene	9.77	165	23435	7.429	ng	#	30
53) 2,4-Dinitrophenol	10.12	184	108	2.389	ng	#	1
56) 2,4-Dinitrotoluene	10.22	165	35695	8.682	ng	#	29
64) 4,6-Dinitro-2-methylphenol	10.70	198	278	7.610	ng	#	52
66) 4-Bromophenyl-phenylether	10.82	248	18584	4.501	ng	#	1
83) Bis(2-ethylhexyl)phthalate	14.13	149	26768	2.326	ng	#	96

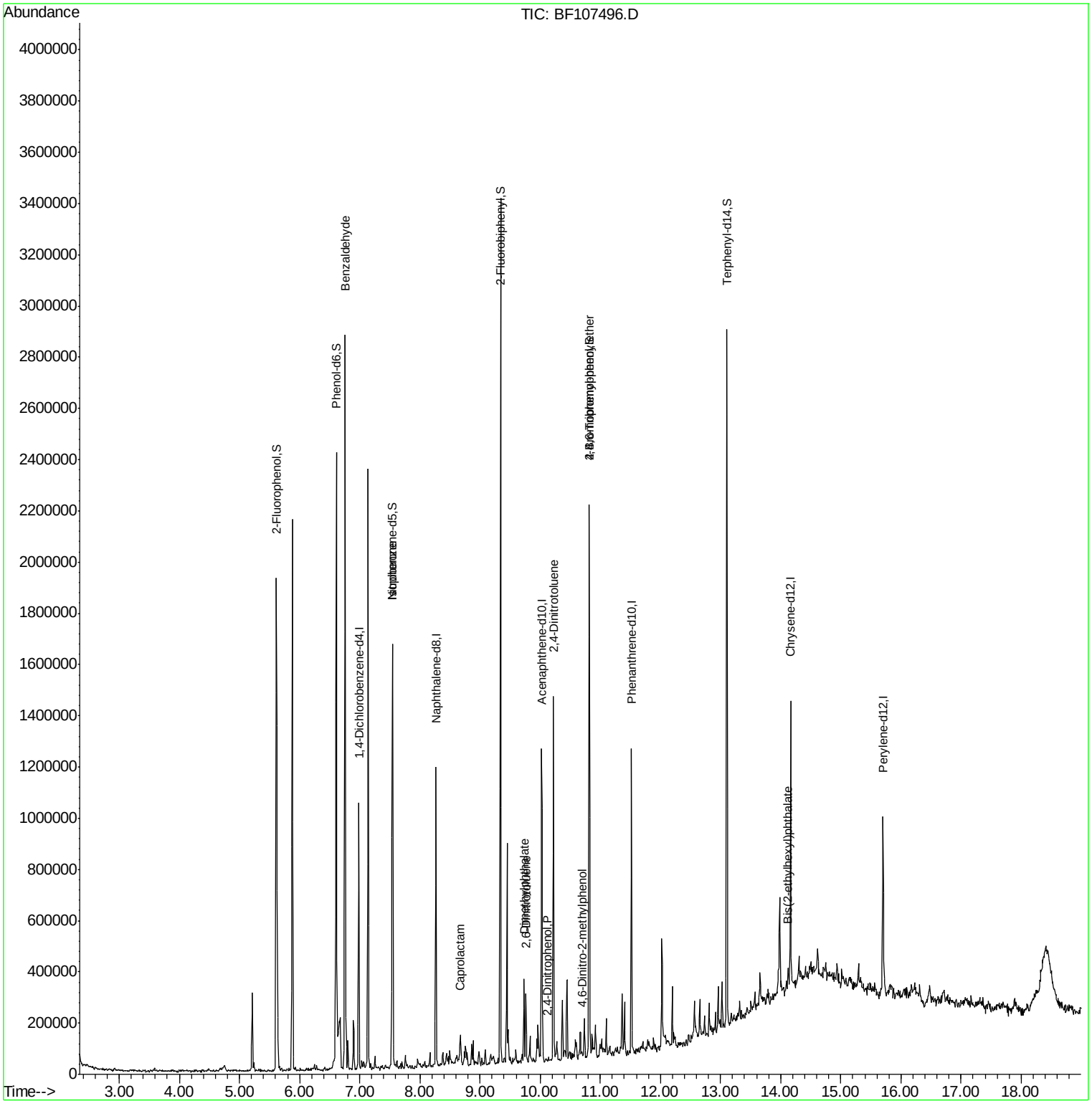
(#) = qualifier out of range (m) = manual integration (+) = signals summed

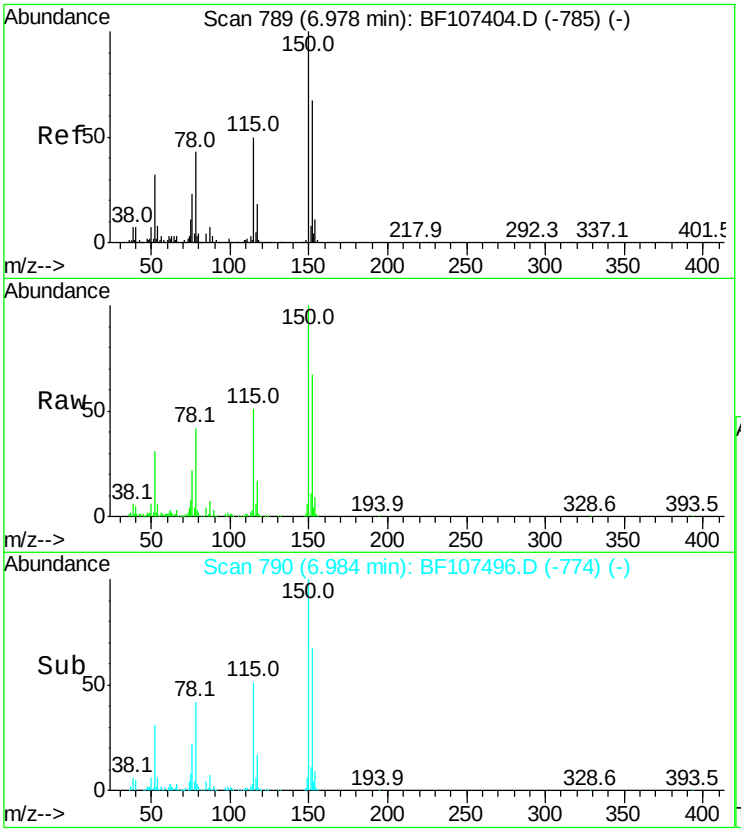
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107496.D
Acq On : 19 Jul 2018 5:50
Operator : JU/SJ
Sample : J4027-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 19 06:40:18 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



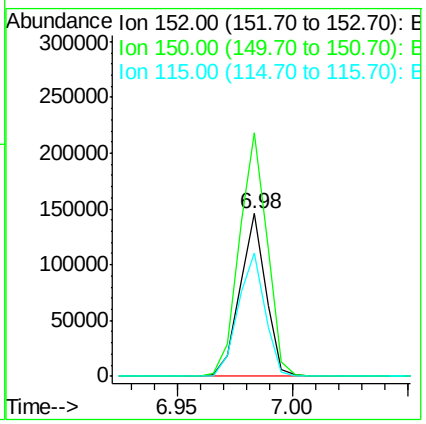


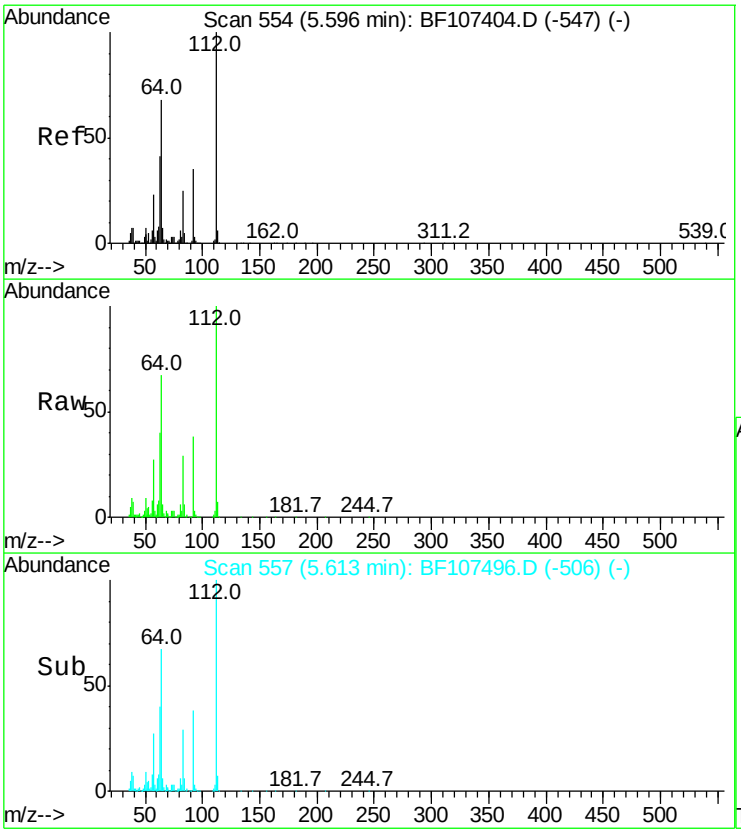
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 114352

Ion	Ratio	Lower	Upper
152	100		
150	149.8	124.6	186.8
115	75.9	50.1	75.1#

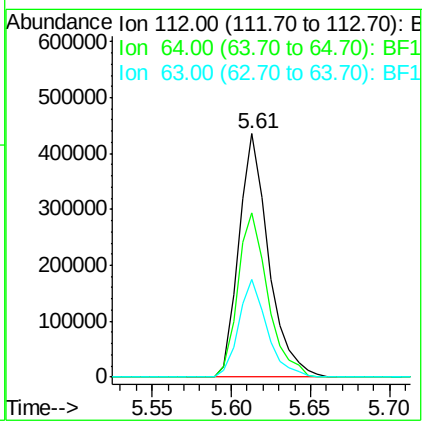


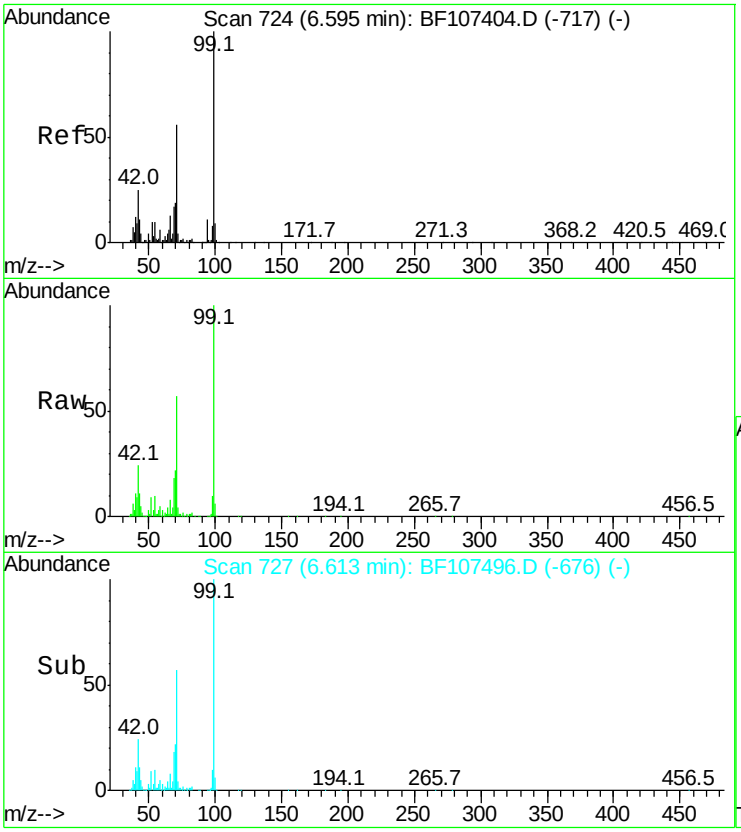


#5
2-Fluorophenol
Concen: 75.158 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Tgt Ion:112 Resp: 565895

Ion	Ratio	Lower	Upper
112	100		
64	67.3	47.9	71.9
63	40.3	23.7	35.5#



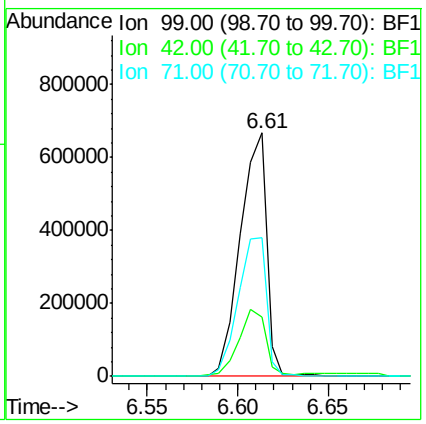


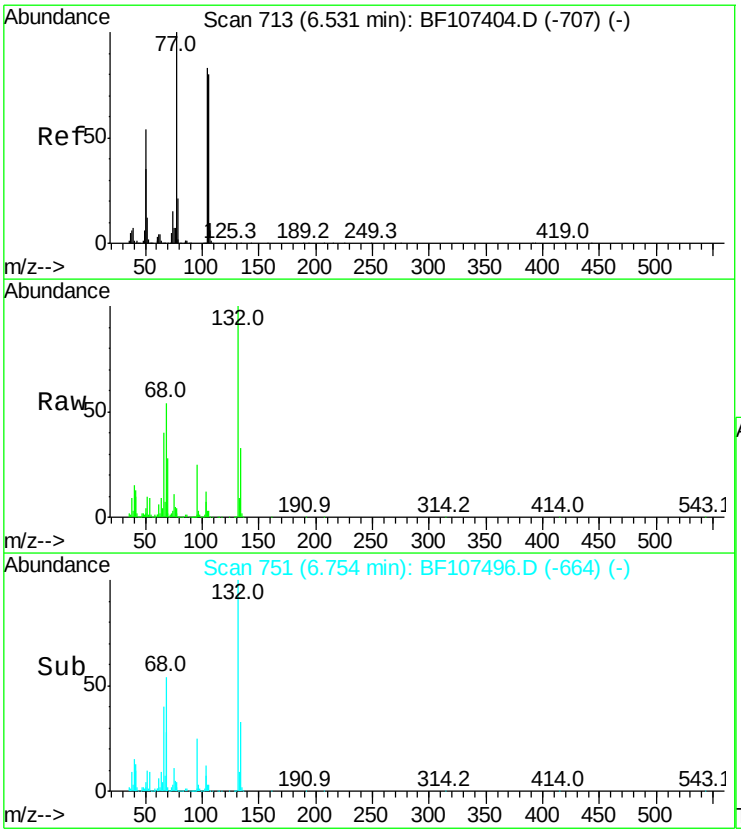
#7
Phenol-d6
Concen: 69.610 ng
RT: 6.61 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 677627

Ion	Ratio	Lower	Upper
99	100		
42	24.4	14.5	21.7#
71	57.2	25.4	38.0#

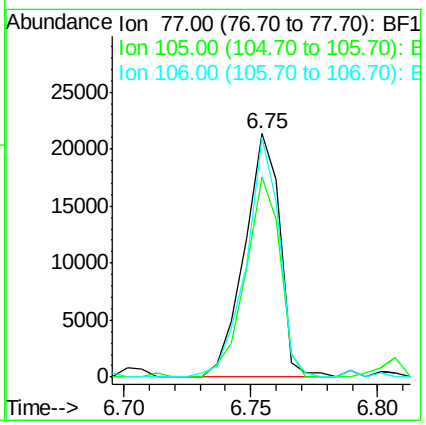


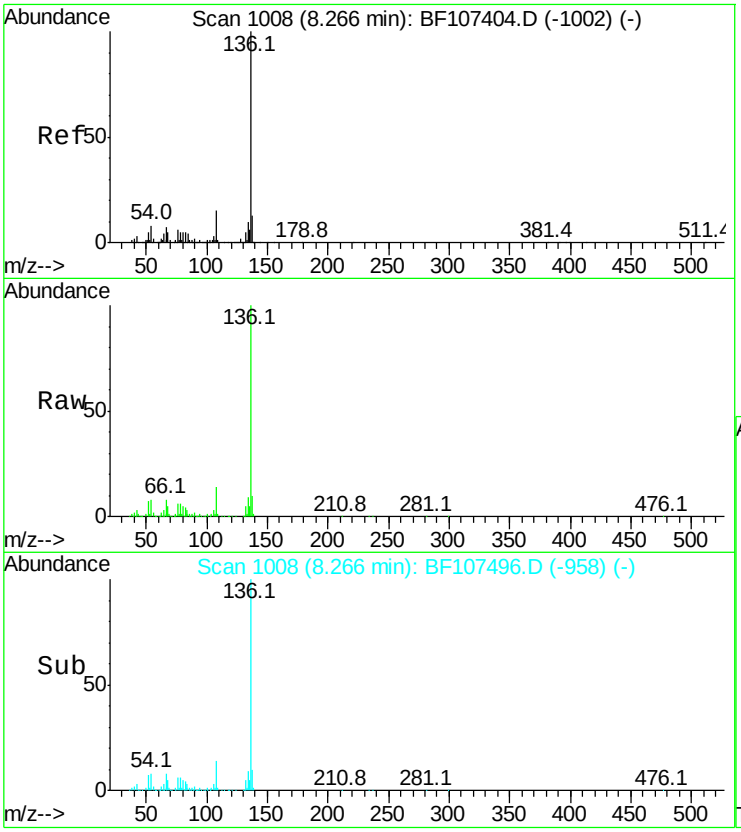


#9
Benzaldehyde
Concen: 2.654 ng
RT: 6.75 min Scan# 751
Delta R.T. 0.21 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Tgt Ion: 77 Resp: 20787

Ion	Ratio	Lower	Upper
77	100		
105	82.3	81.1	121.1
106	98.5	74.5	114.5

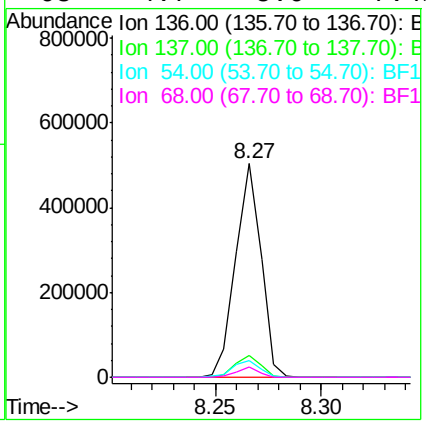




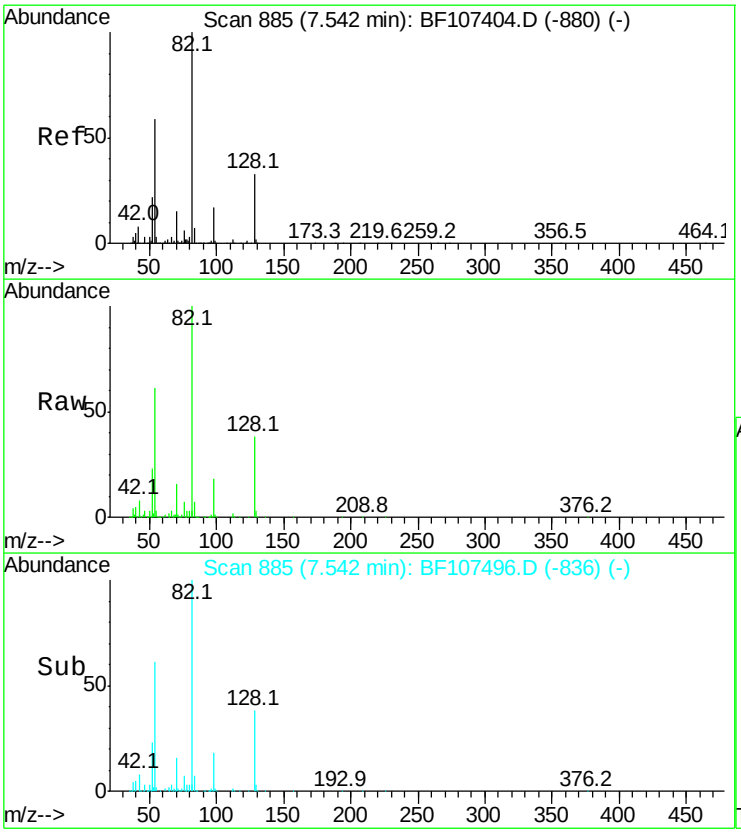
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Tgt Ion:136 Resp: 418700

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	8.1	6.6	9.8
68	4.7	5.0	7.4#



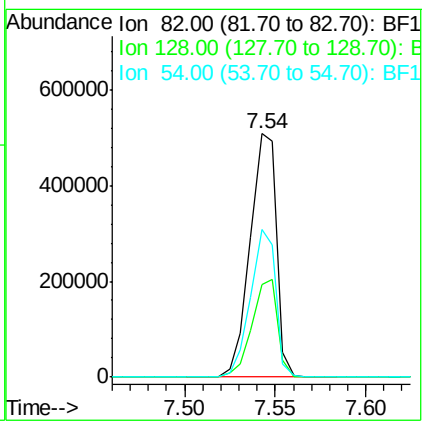
Instrument :
BNA_F
ClientSampleId :

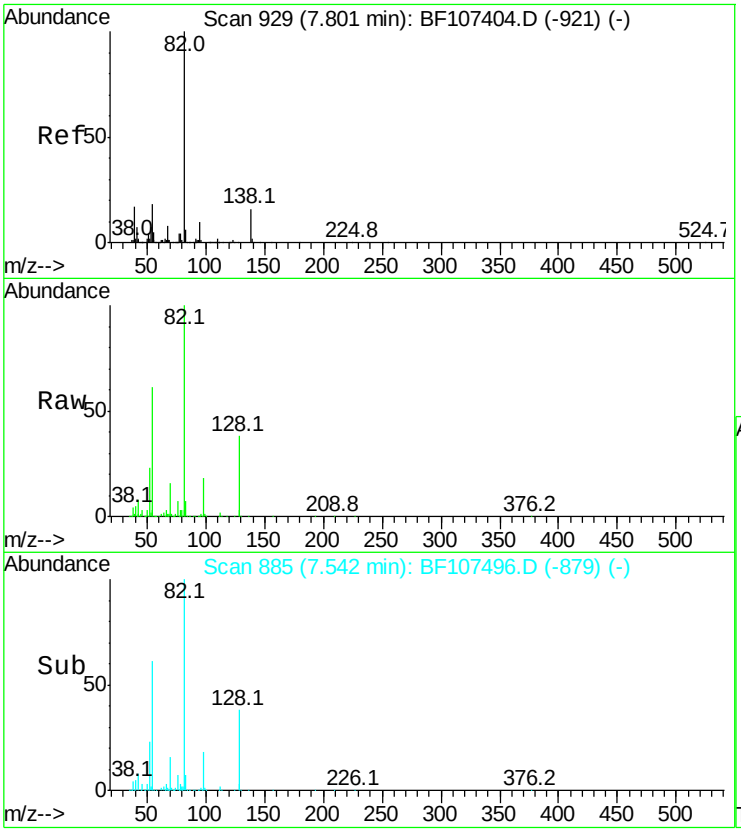


#23
Nitrobenzene-d5
Concen: 65.632 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Tgt Ion: 82 Resp: 515342

Ion	Ratio	Lower	Upper
82	100		
128	38.3	36.1	54.1
54	60.6	41.4	62.2



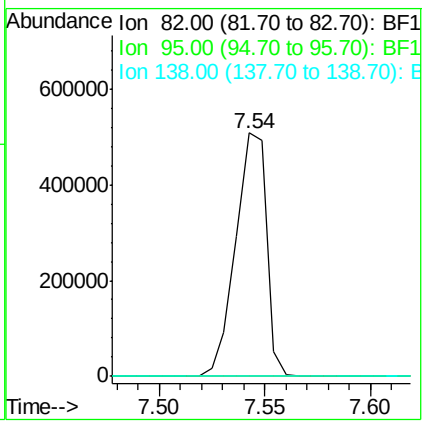


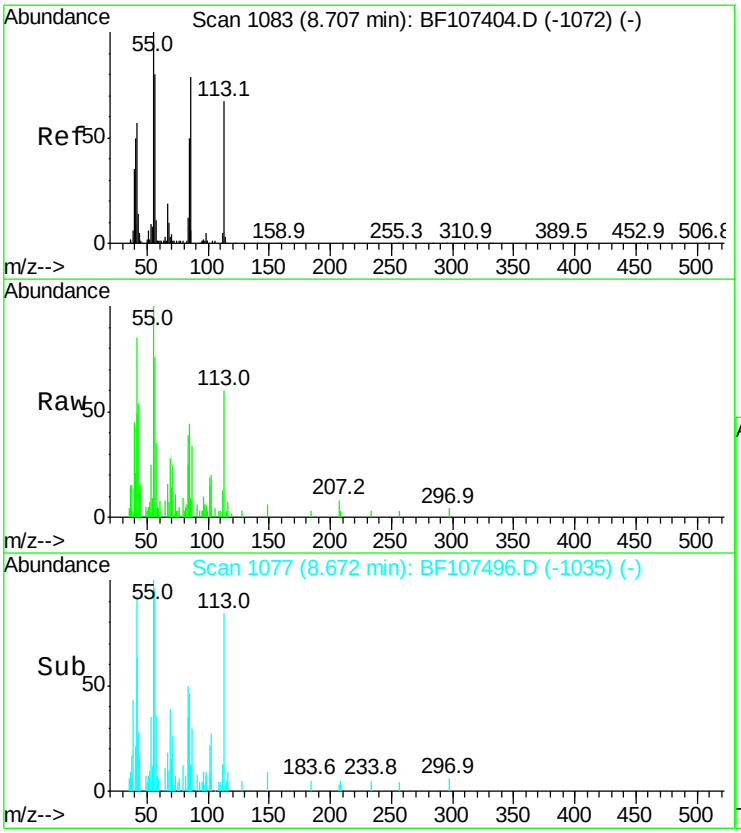
#25
Isophorone
Concen: 33.104 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 515208

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

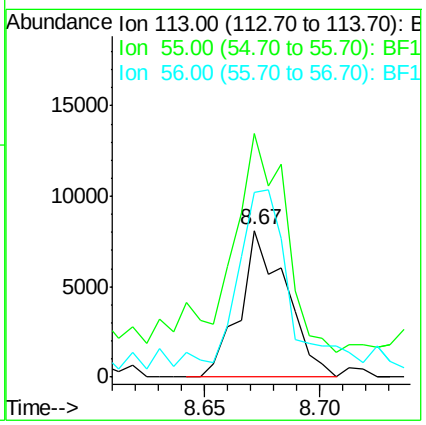


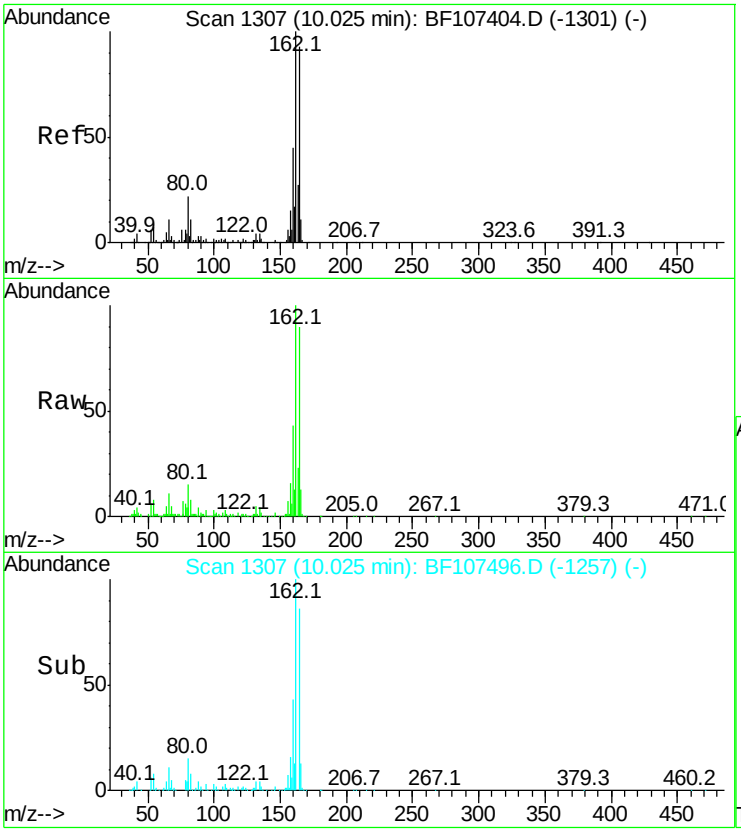


#35
Caprolactam
Concen: 5.343 ng
RT: 8.67 min Scan# 1077
Delta R.T. -0.05 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Tgt Ion:113 Resp: 11313

Ion	Ratio	Lower	Upper
113	100		
55	166.3	163.3	203.3
56	125.9	115.7	155.7



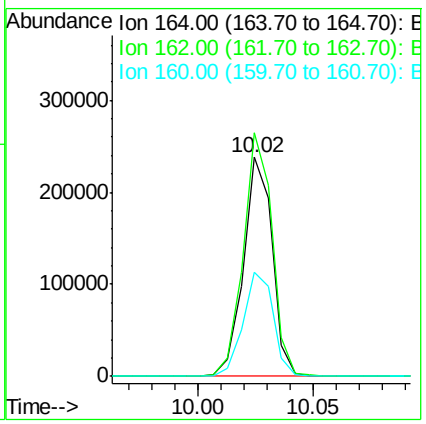


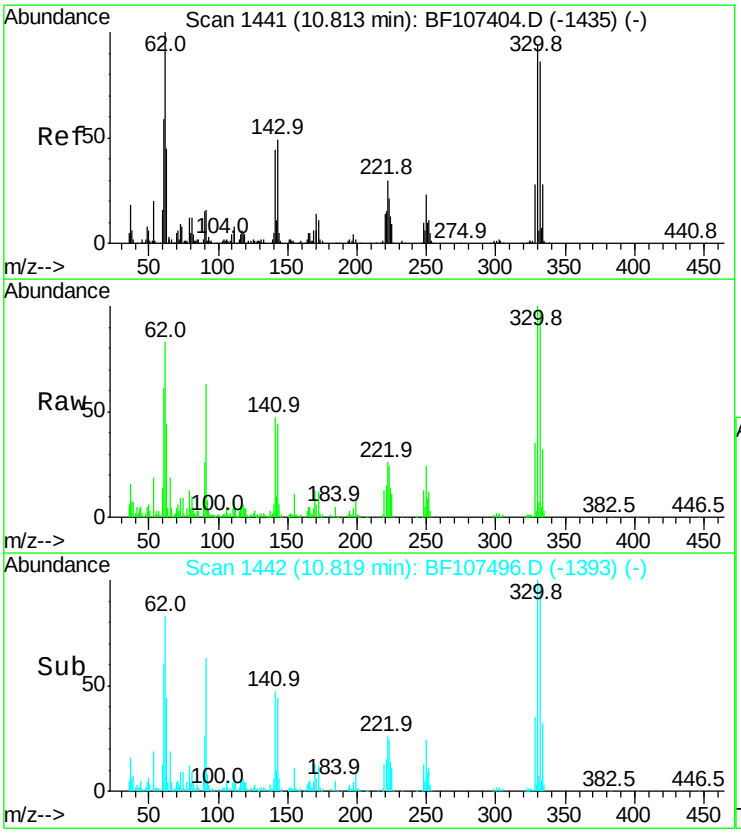
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 208053

Ion	Ratio	Lower	Upper
164	100		
162	111.2	86.1	129.1
160	47.7	38.3	57.5

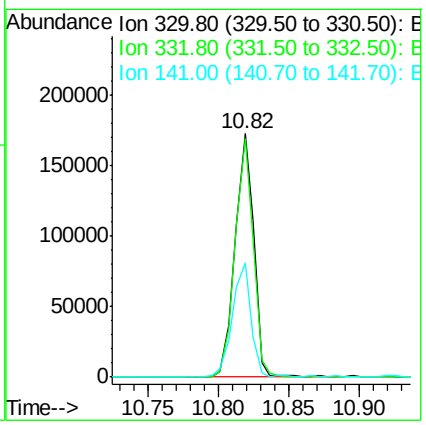


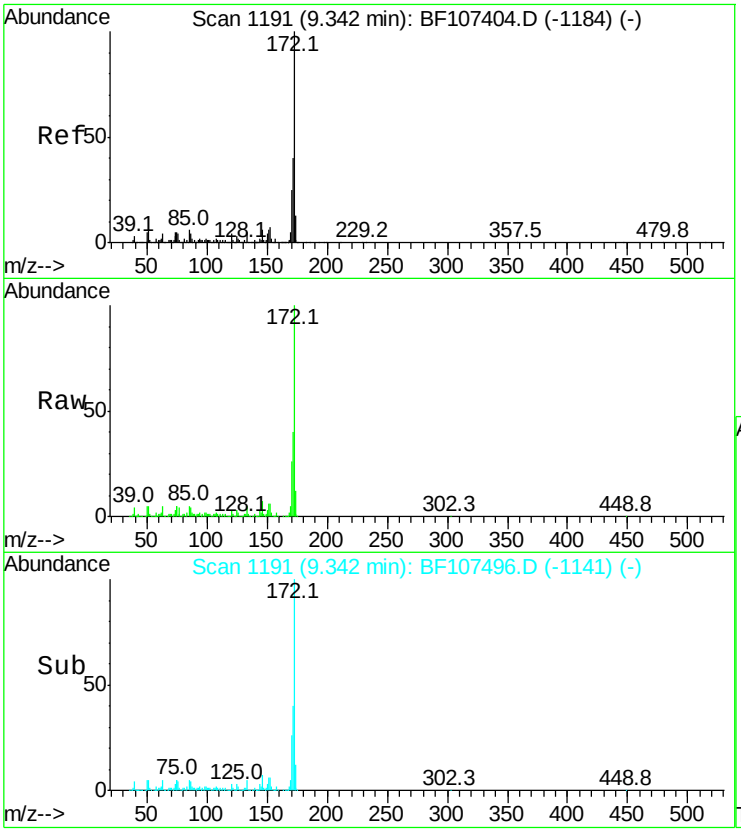


#41
2,4,6-Tribromophenol
Concen: 87.004 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Tgt Ion:330 Resp: 159043

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	47.1	29.9	44.9#



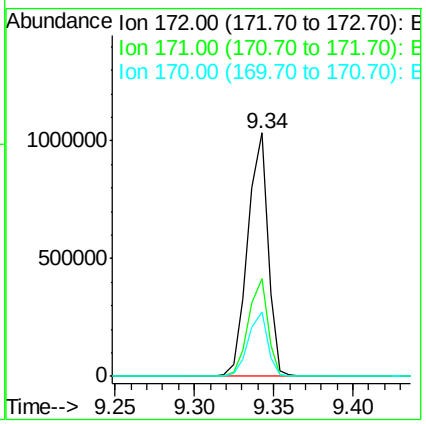


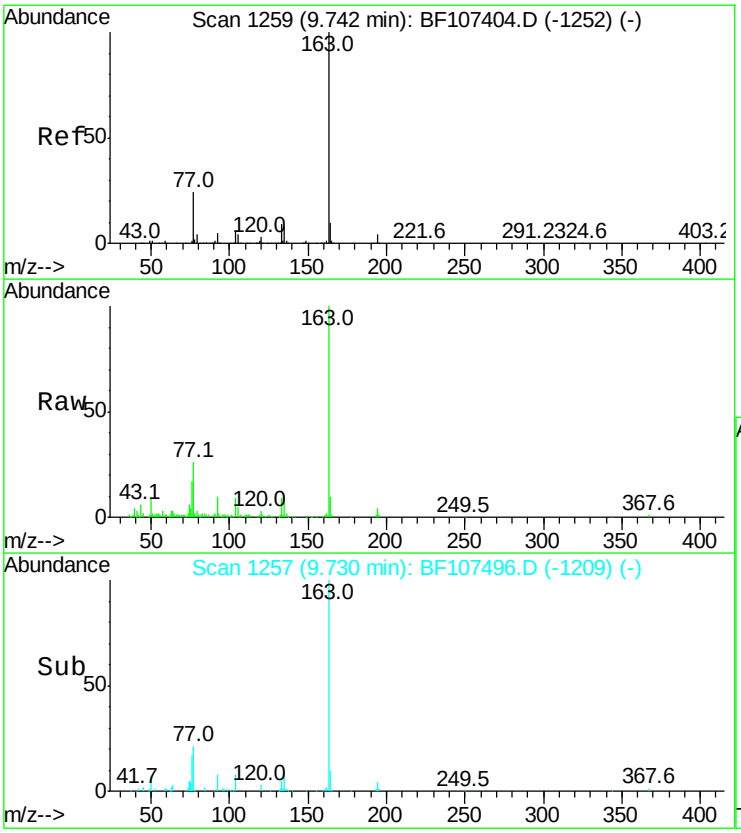
#44
2-Fluorobiphenyl
Concen: 72.093 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 920129

Ion	Ratio	Lower	Upper
172	100		
171	40.3	29.7	44.5
170	26.3	19.6	29.4

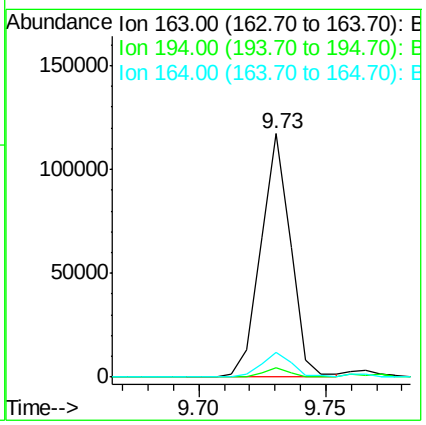


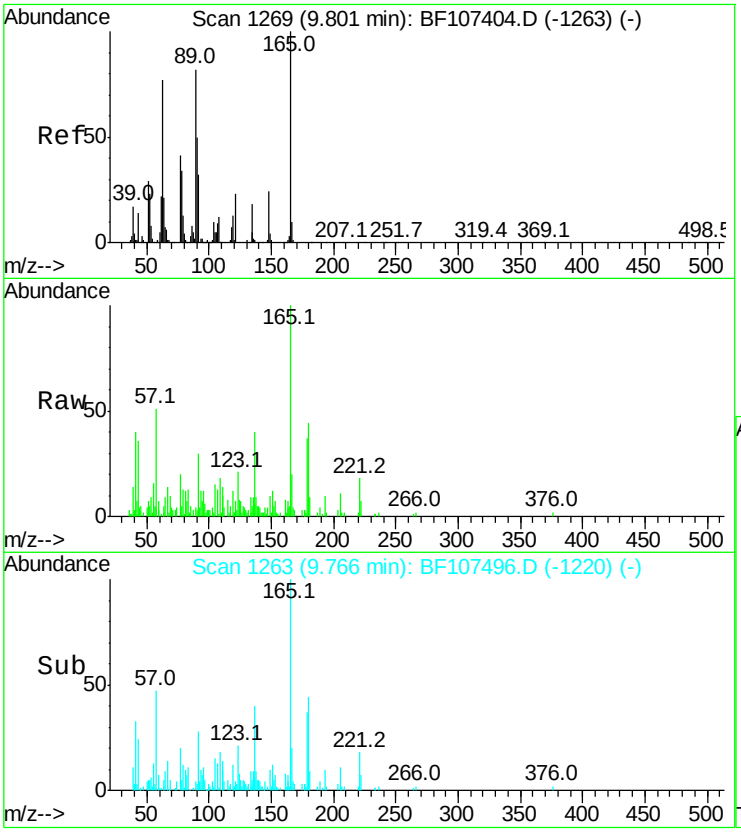


#49
Dimethylphthalate
Concen: 5.843 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Tgt Ion:163 Resp: 96589

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.1	8.2	12.2



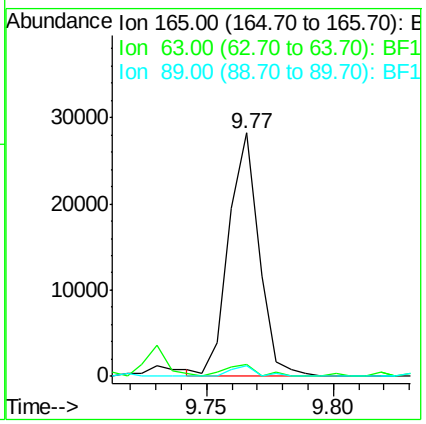


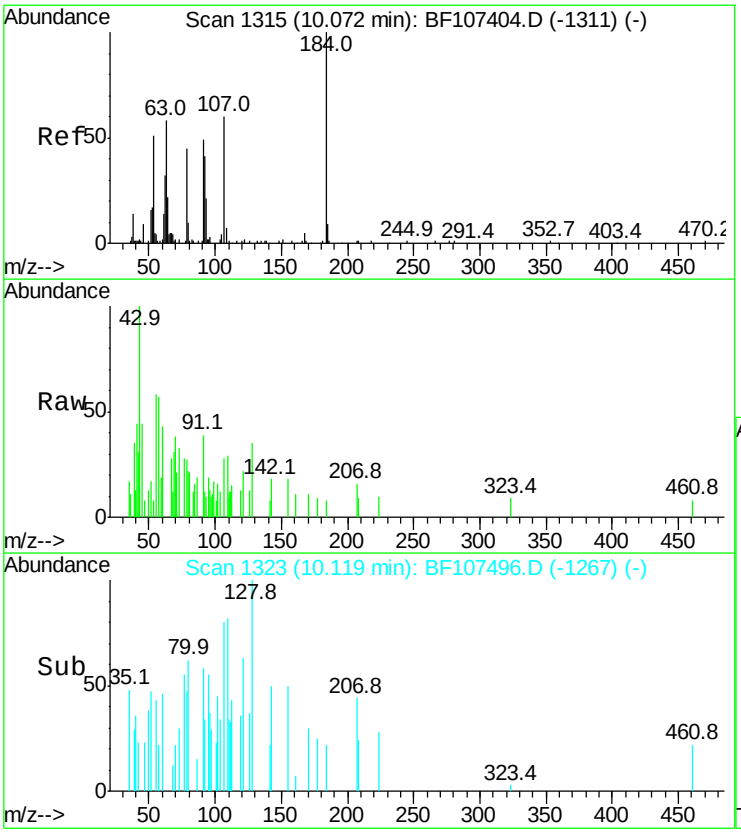
#50
2,6-Dinitrotoluene
Concen: 7.429 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.05 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23435

Ion	Ratio	Lower	Upper
165	100		
63	4.7	44.7	67.1#
89	4.3	44.0	66.0#

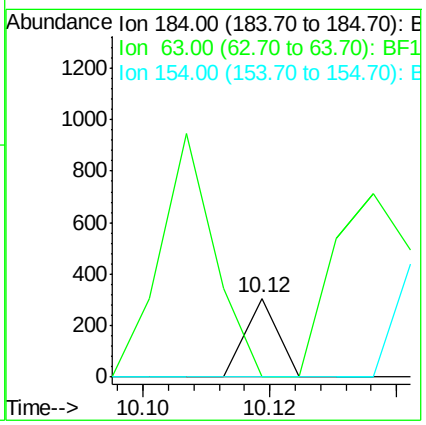


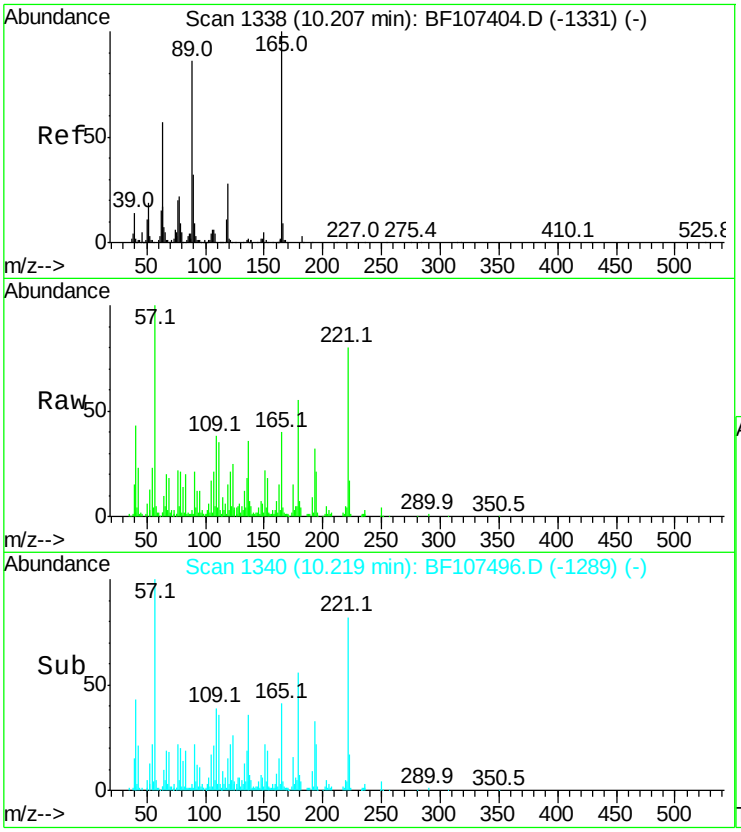


#53
2,4-Dinitrophenol
Concen: 2.389 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.03 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Tgt Ion:184 Resp: 108

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



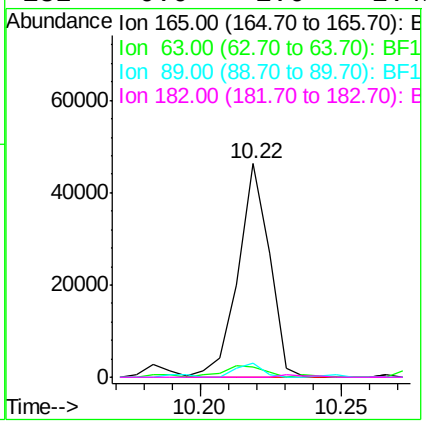


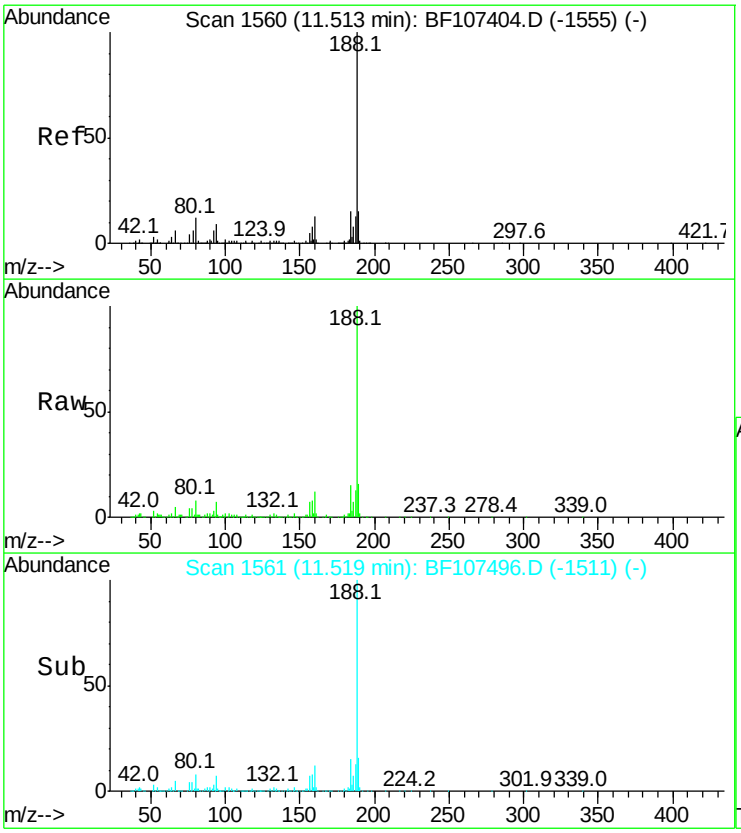
#56
2,4-Dinitrotoluene
Concen: 8.682 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35695

Ion	Ratio	Lower	Upper
165	100		
63	4.9	36.4	54.6#
89	6.6	57.8	86.6#
182	0.0	1.6	2.4#

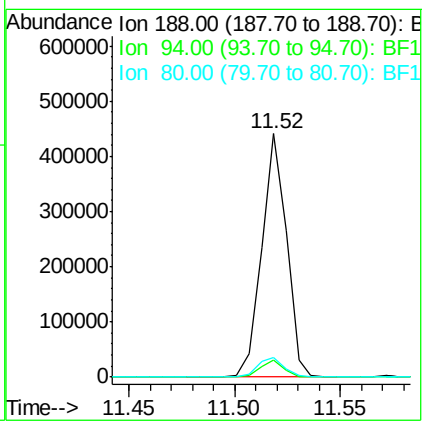


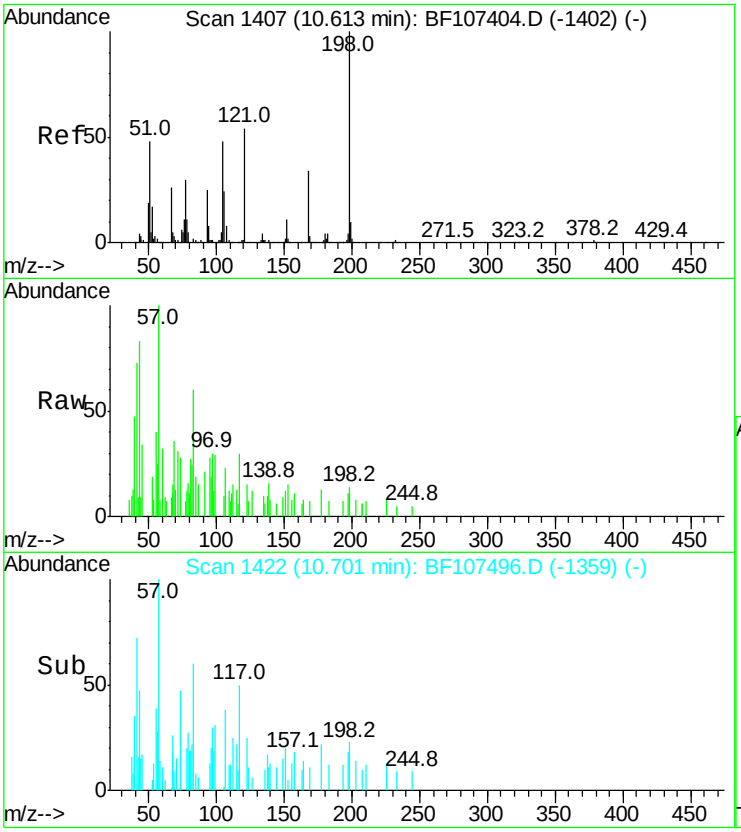


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Tgt Ion:188 Resp: 360886

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.1	9.2	13.8#



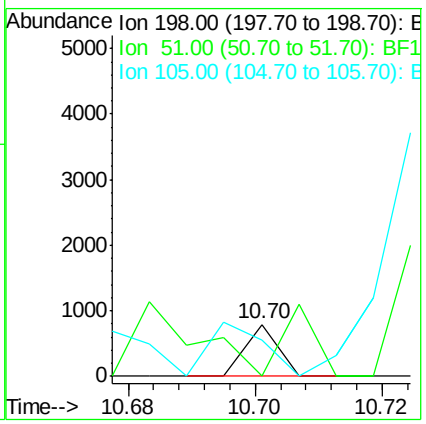


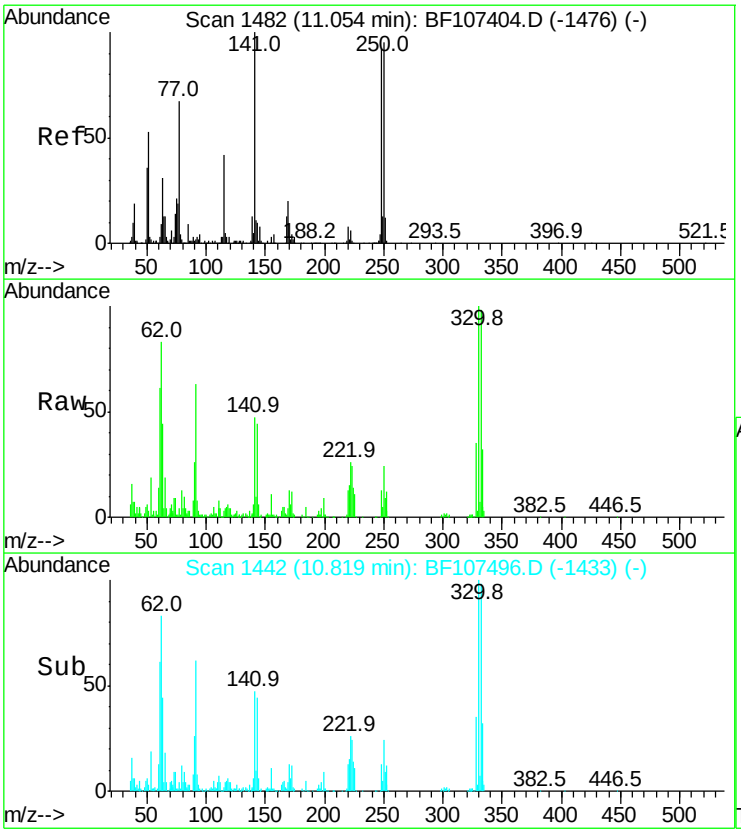
#64
4,6-Dinitro-2-methylphenol
Concen: 7.610 ng
RT: 10.70 min Scan# 1422
Delta R.T. 0.07 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 278

Ion	Ratio	Lower	Upper
198	100		
51	0.0	37.7	77.7#
105	68.9	36.3	76.3

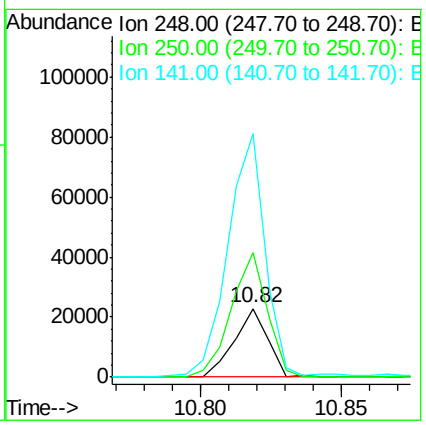


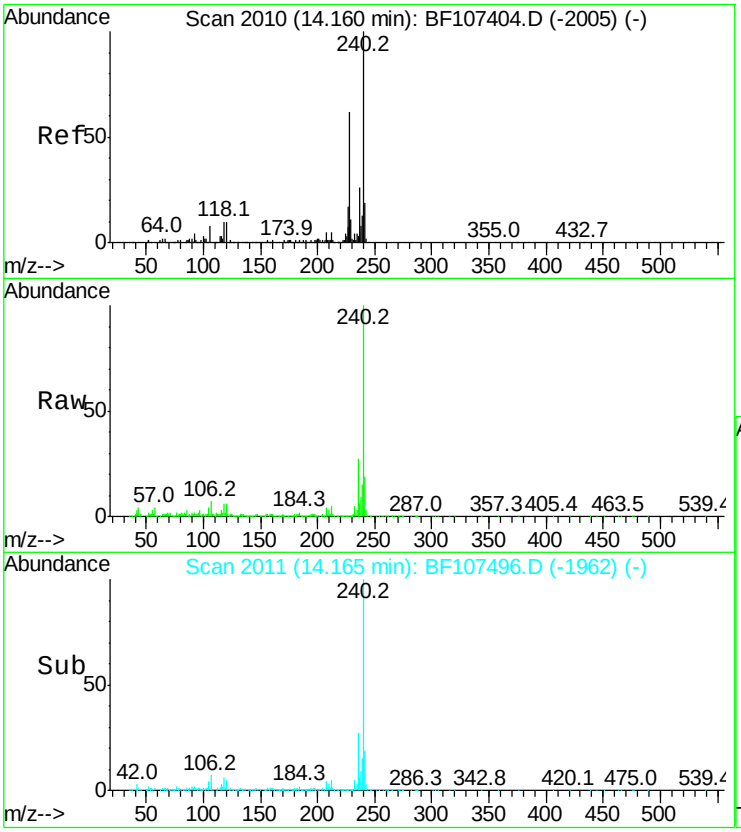


#66
4-Bromophenyl-phenylether
Concen: 4.501 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Tgt Ion:248 Resp: 18584

Ion	Ratio	Lower	Upper
248	100		
250	180.5	76.9	115.3#
141	354.5	74.4	111.6#



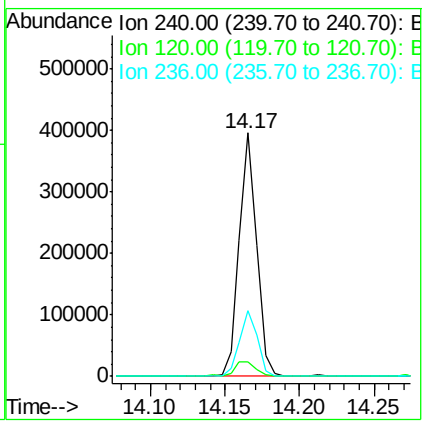


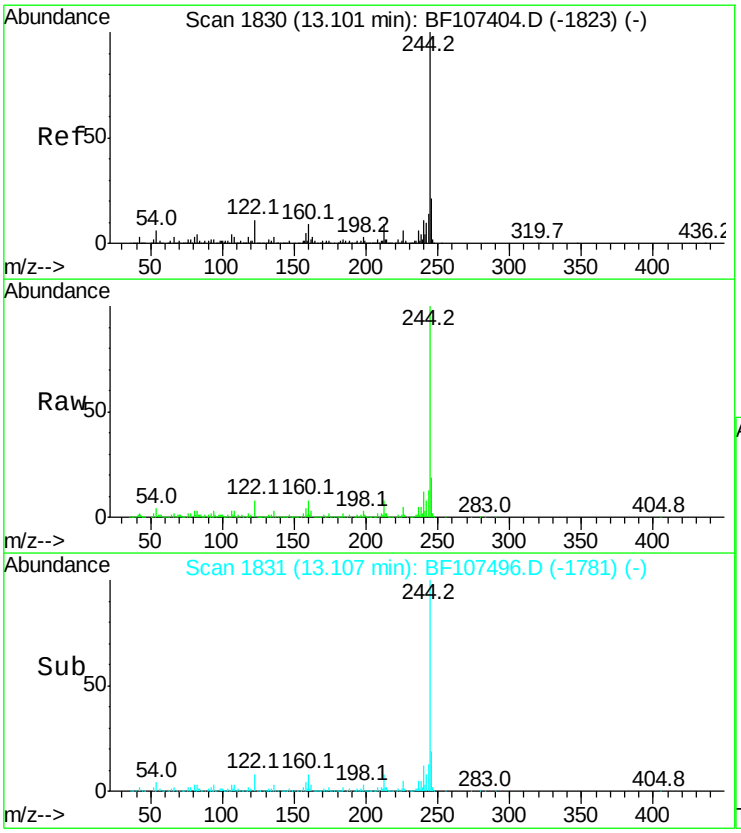
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 324146

Ion	Ratio	Lower	Upper
240	100		
120	5.8	9.5	14.3#
236	27.0	20.7	31.1

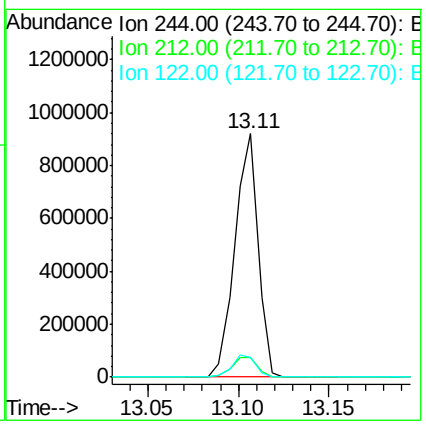


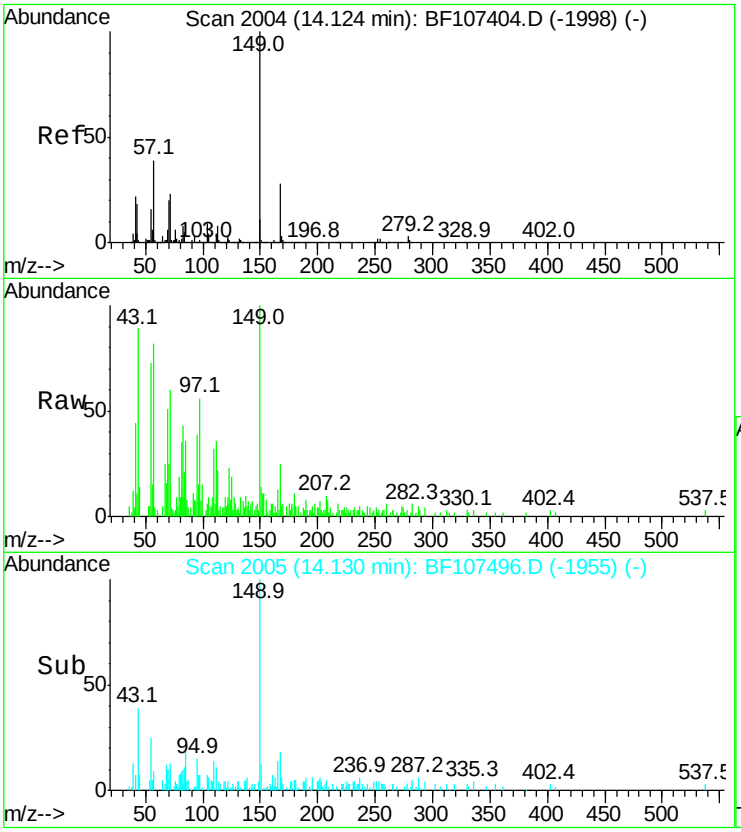


#78
Terphenyl-d14
Concen: 62.813 ng
RT: 13.11 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Tgt Ion:244 Resp: 819473

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.4	8.0#
122	7.8	11.0	16.4#



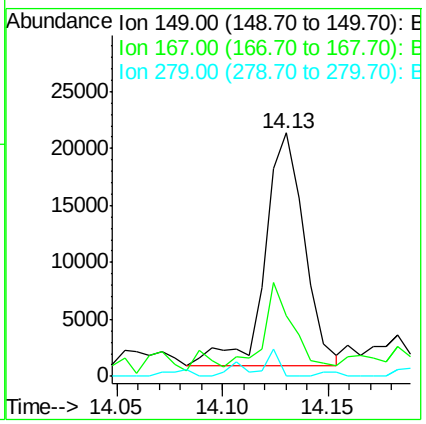


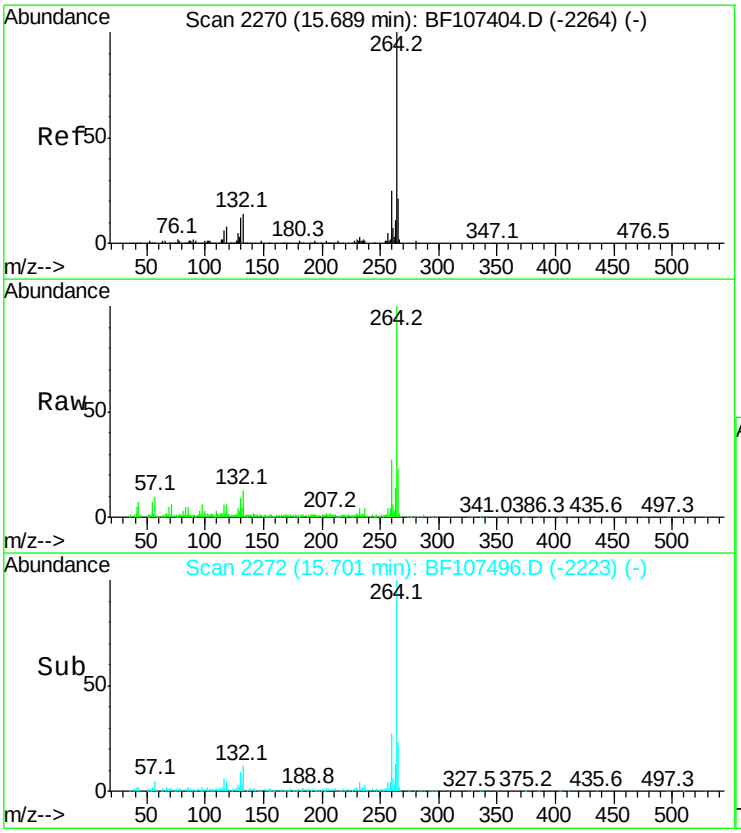
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.326 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 26768

Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.3	31.9
279	0.0	3.0	4.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF107496.D
Acq: 19 Jul 2018 5:50

Tgt Ion:264 Resp: 298853

Ion	Ratio	Lower	Upper
264	100		
260	26.6	19.2	28.8
265	23.0	17.5	26.3