Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071718\
Data File : BF107453.D
Acq On : 17 Jul 2018 16:58
Operator : JU/SJ
Sample : J3997-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-F-D

Quant Time: Jul 17 18:07:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 11:29:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	132454	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	518102	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	282692	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	498396	20.00	ng		0.00
75) Chrysene-d12	14.17	240	401400	20.00	ng		0.00
86) Perylene-d12	15.71	264	266897	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	688406	78.93	ng		0.00
7) Phenol-d6	6.61	99	935486	82.97	ng		0.00
23) Nitrobenzene-d5	7.55	82	651744	67.08	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	193166	77.77	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1047484	58.39	ng		0.00
78) Terphenyl-d14	13.11	244	975584	60.39	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.55	70	105697	13.092	ng	#	75
25) Isophorone	7.55	82	651584	33.834	ng	#	64
49) Dimethylphthalate	9.74	163	206636	9.200	ng		96
53) 2,4-Dinitrophenol	10.10	184	185	2.426	ng	#	1
56) 2,4-Dinitrotoluene	10.03	165	35444	6.344	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.83	198	1430	7.941	ng		94
66) 4-Bromophenyl-phenylether	10.82	248	22040	3.865	ng	#	1

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

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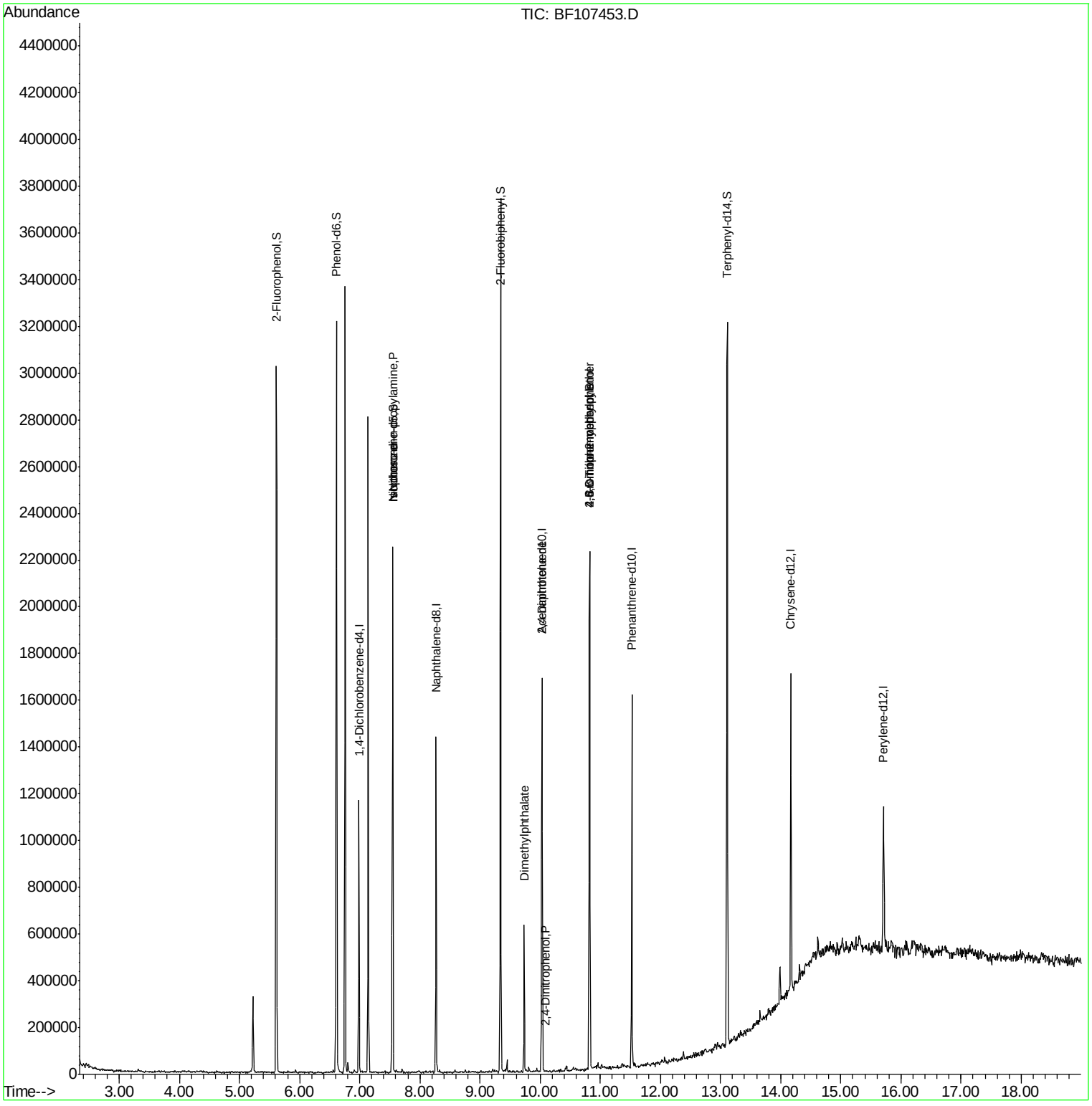
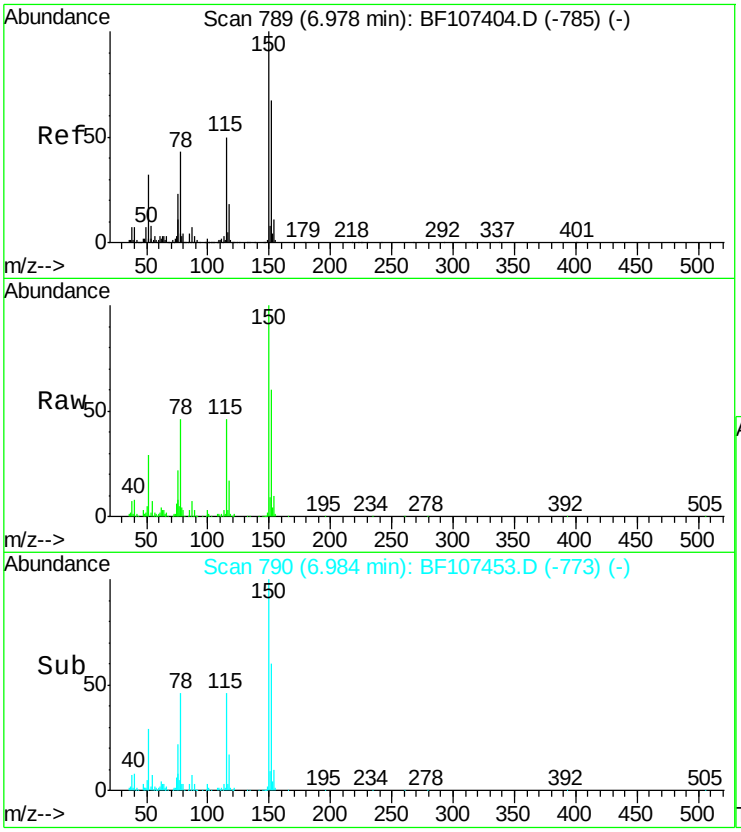


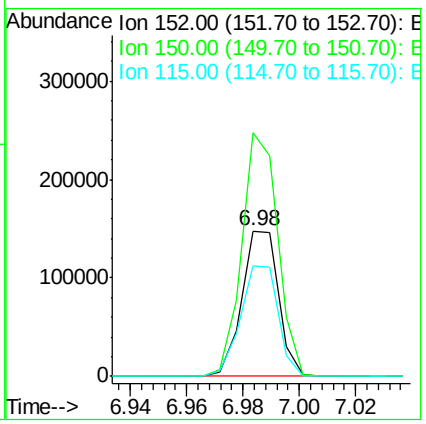


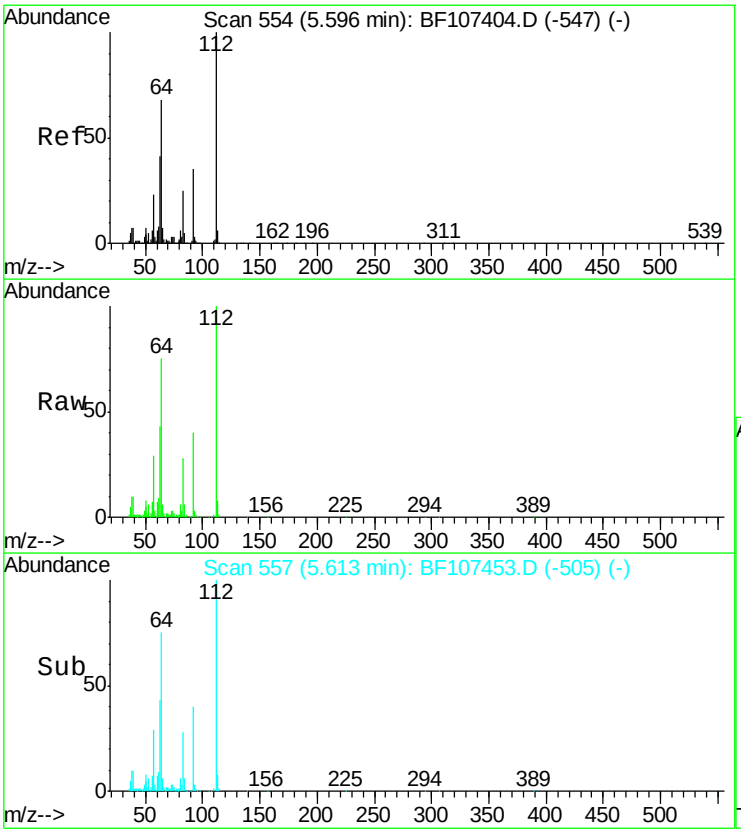
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

Instrument :
BNA_F
ClientSampleId :
TP-F-D

Tgt Ion:152 Resp: 132454

Ion	Ratio	Lower	Upper
152	100		
150	167.7	124.6	186.8
115	76.5	50.1	75.1#

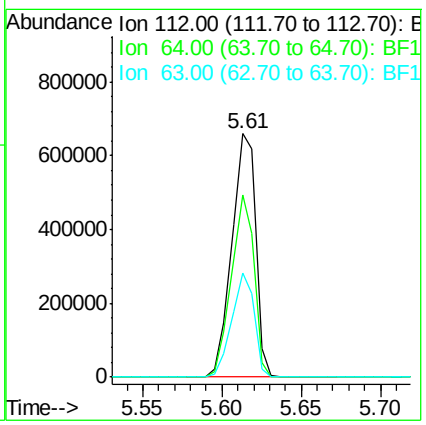


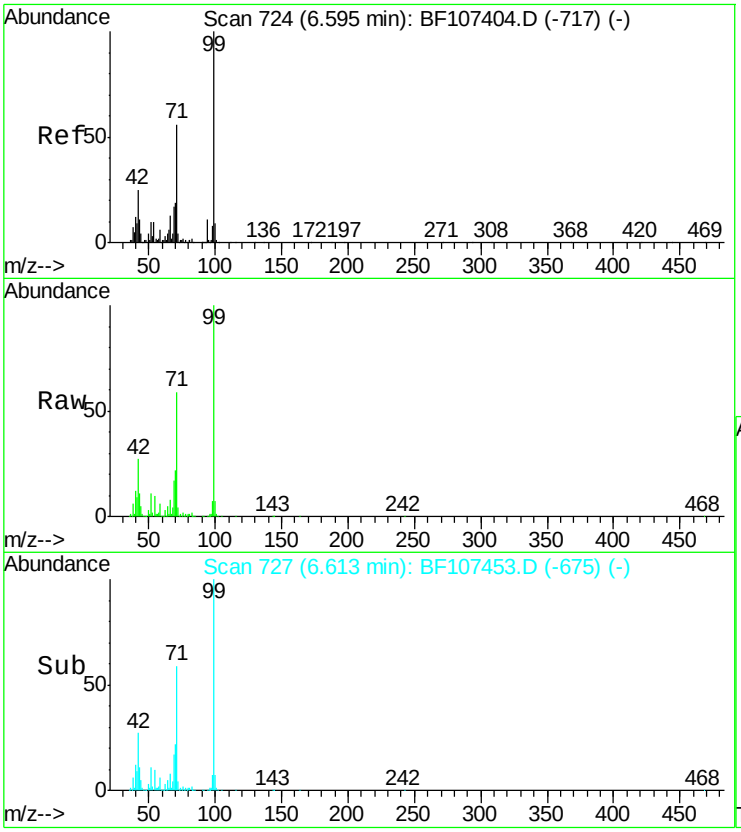


#5
2-Fluorophenol
Concen: 78.934 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

Tgt Ion:112 Resp: 688406

Ion	Ratio	Lower	Upper
112	100		
64	75.1	47.9	71.9#
63	43.0	23.7	35.5#



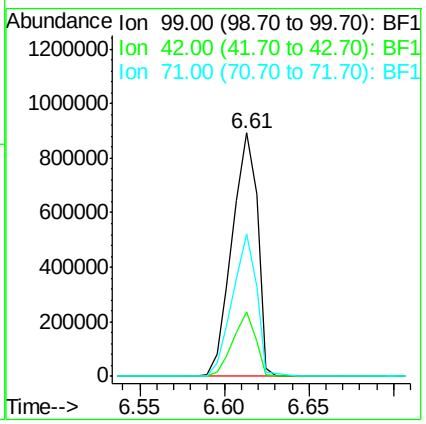


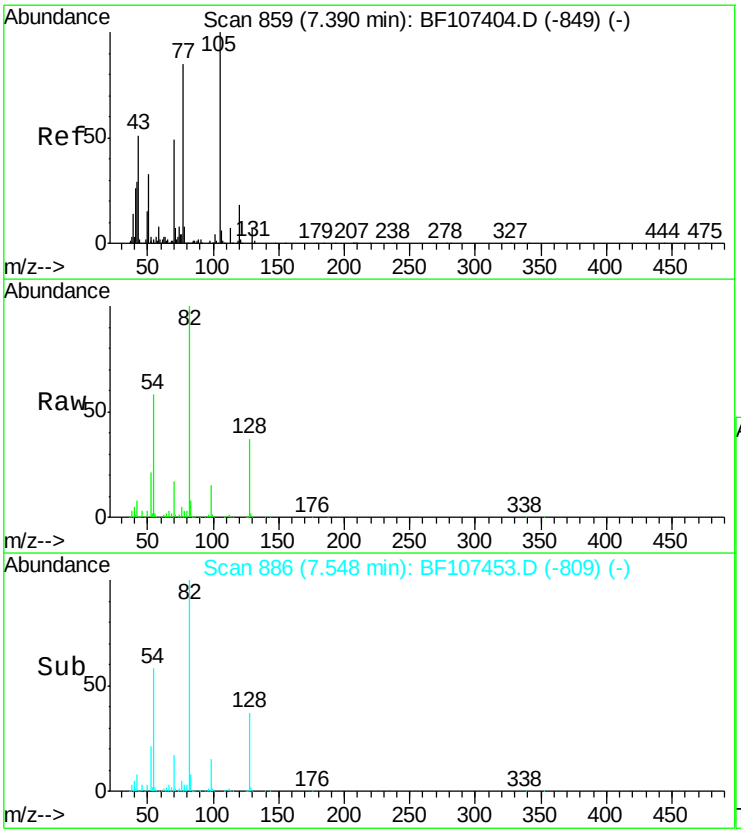
#7
Phenol-d6
Concen: 82.965 ng
RT: 6.61 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

Instrument :
BNA_F
ClientSampleId :
TP-F-D

Tgt Ion: 99 Resp: 935486

Ion	Ratio	Lower	Upper
99	100		
42	26.7	14.5	21.7#
71	58.8	25.4	38.0#

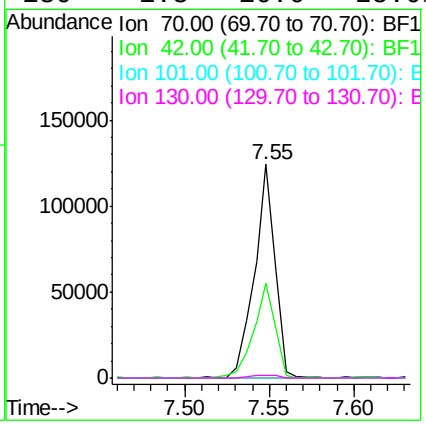


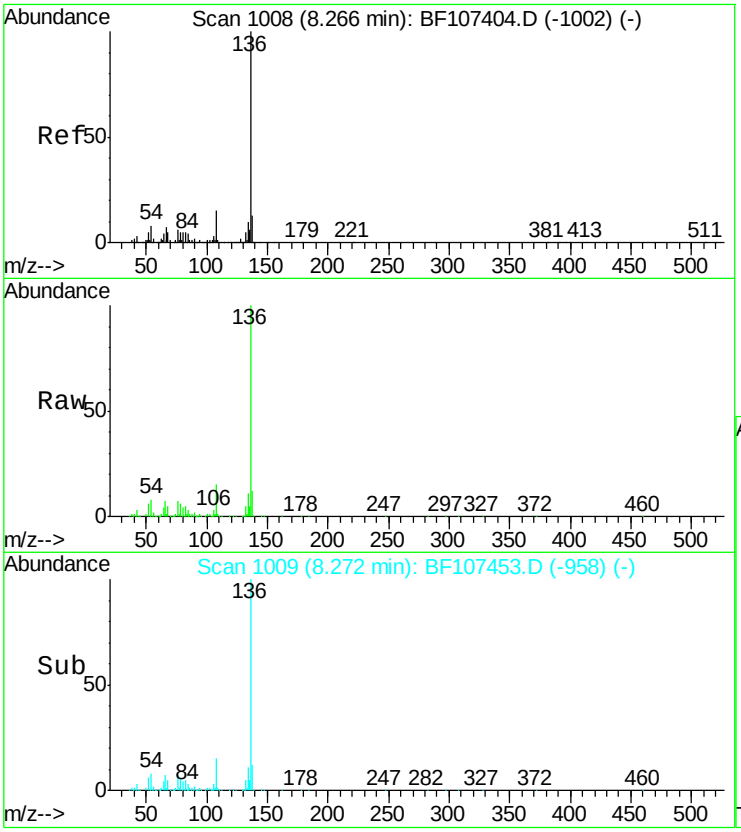


#19
n-Nitroso-di-n-propylamine
Concen: 13.092 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.15 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

Tgt Ion: 70 Resp: 105697

Ion	Ratio	Lower	Upper
70	100		
42	44.6	47.5	71.3#
101	0.0	7.4	11.2#
130	1.3	16.6	25.0#



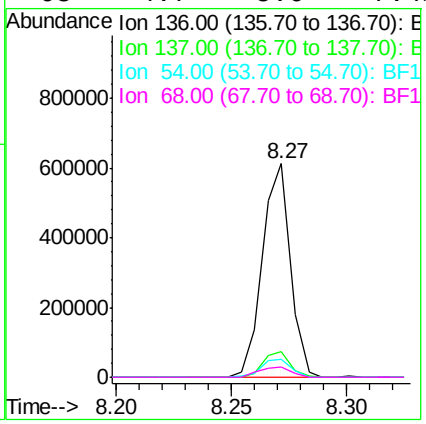


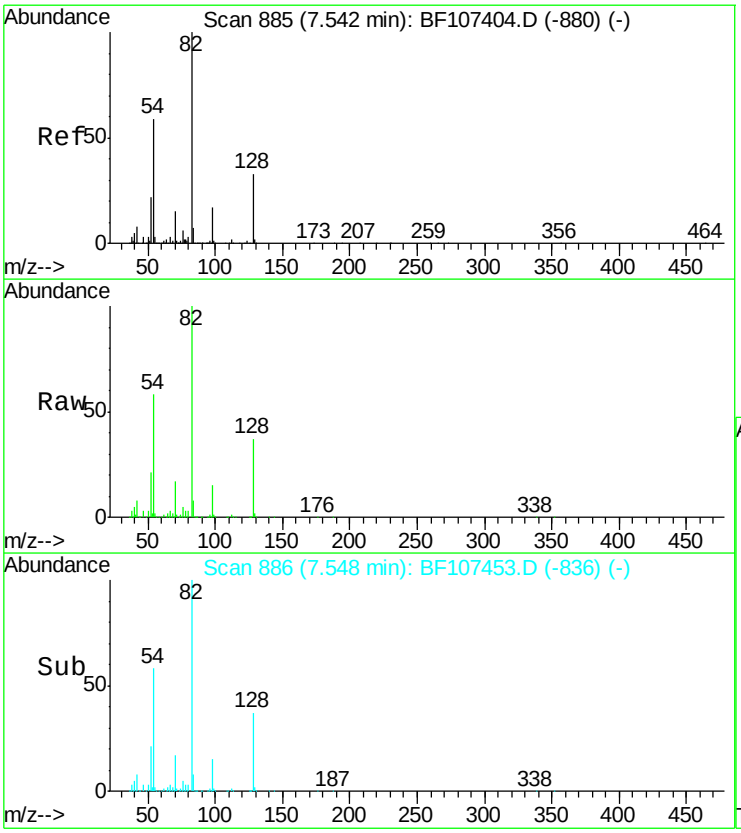
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

Instrument :
BNA_F
ClientSampleId :
TP-F-D

Tgt Ion:136 Resp: 518102

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	8.2	6.6	9.8
68	4.7	5.0	7.4#

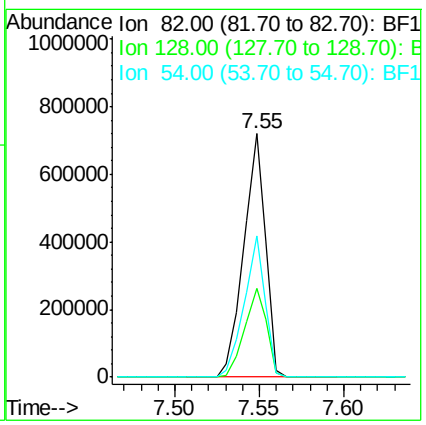


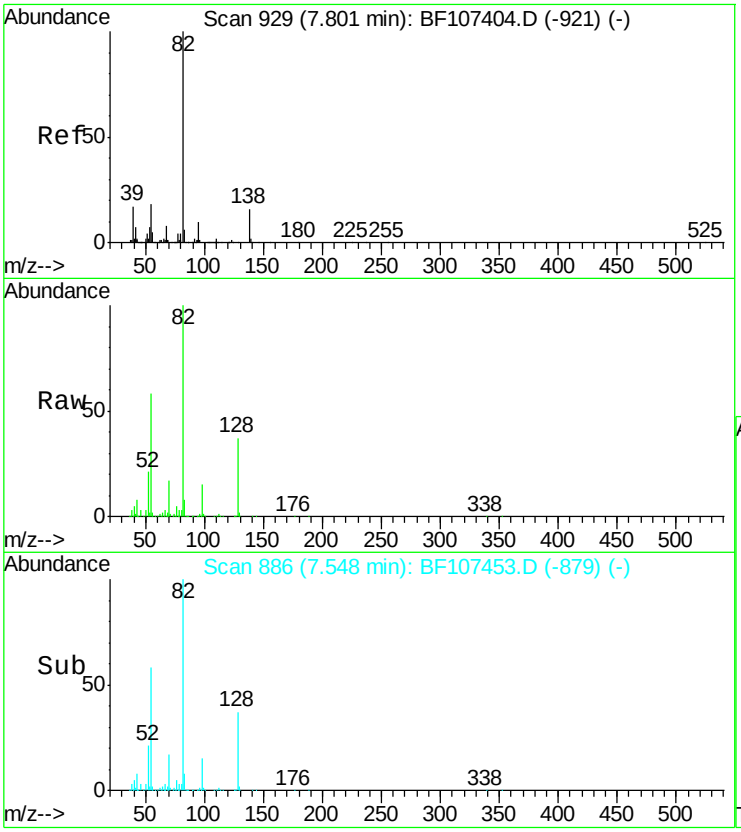


#23
Nitrobenzene-d5
Concen: 67.079 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

Tgt Ion: 82 Resp: 651744

Ion	Ratio	Lower	Upper
82	100		
128	36.7	36.1	54.1
54	57.9	41.4	62.2



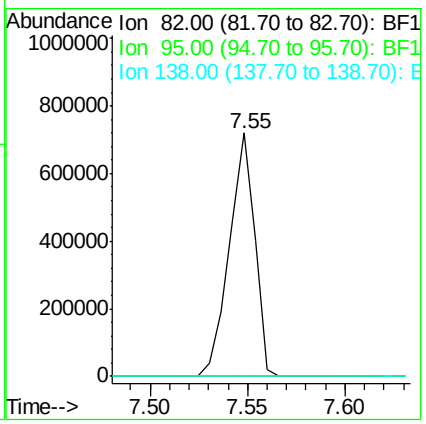


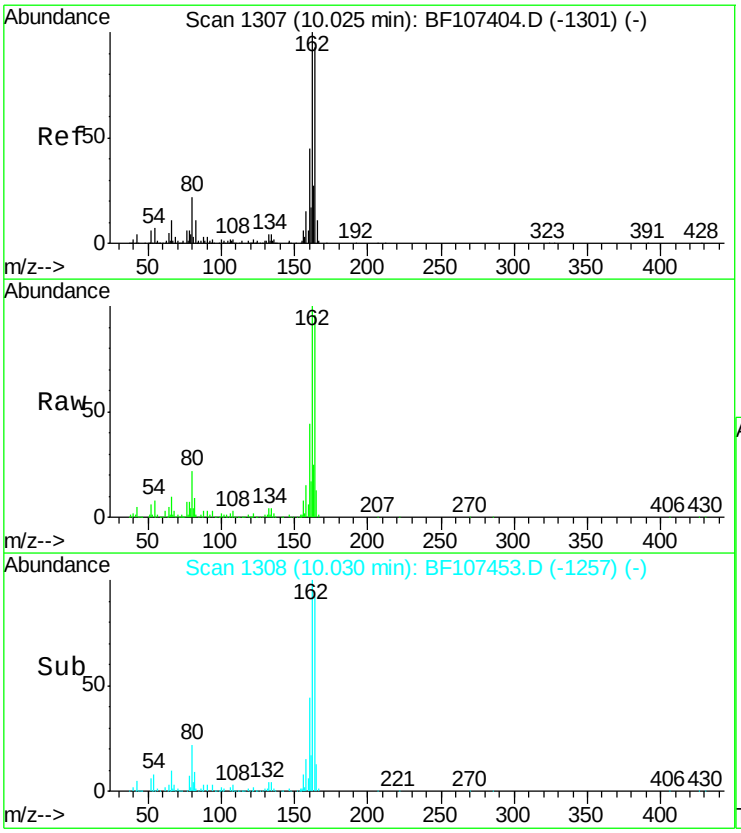
#25
Isophorone
Concen: 33.834 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

Instrument :
BNA_F
ClientSampleId :
TP-F-D

Tgt Ion: 82 Resp: 651584

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

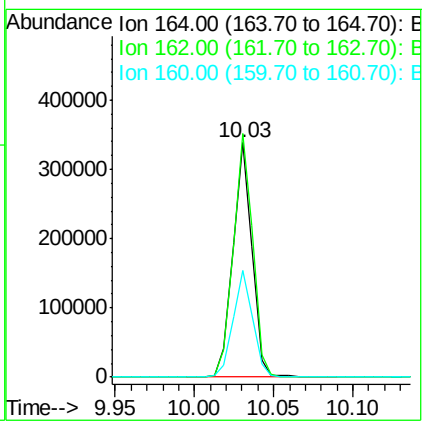


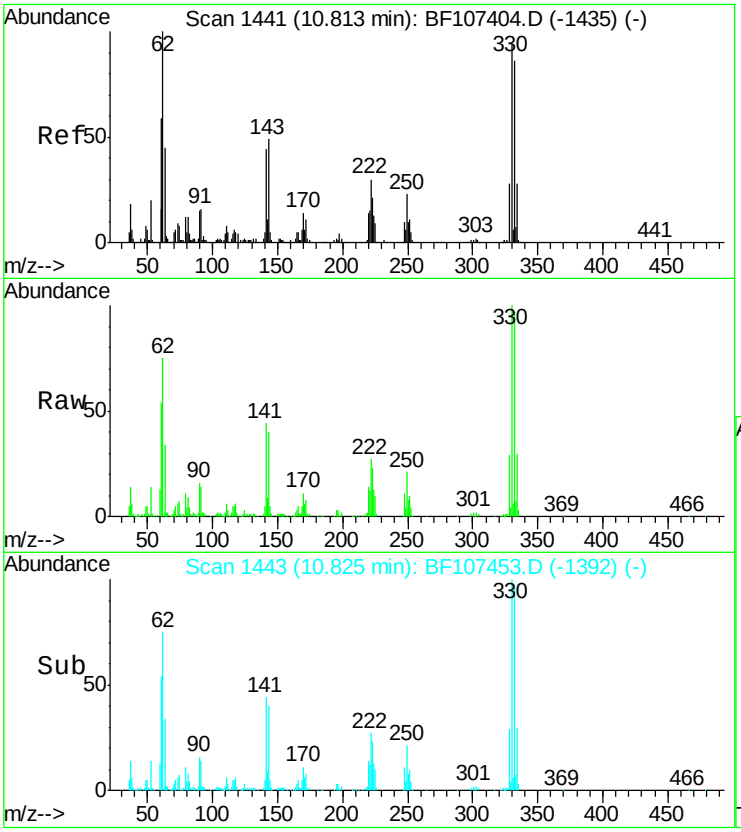


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

Tgt Ion:164 Resp: 282692

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.6	38.3	57.5



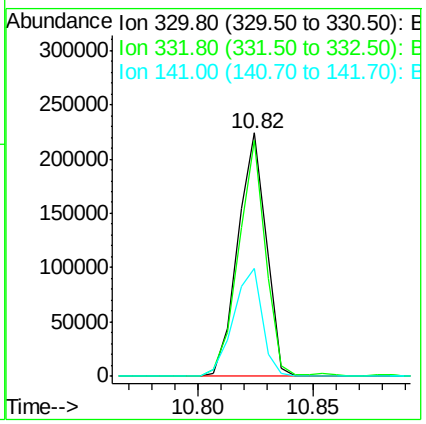


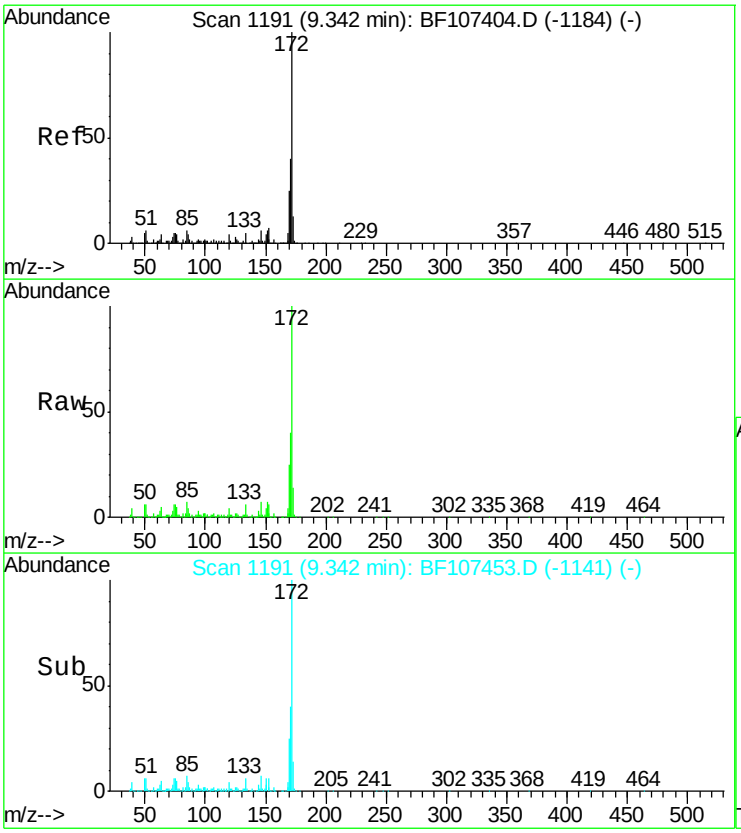
#41
2,4,6-Tribromophenol
Concen: 77.771 ng
RT: 10.82 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

Instrument :
BNA_F
ClientSampleId :
TP-F-D

Tgt Ion:330 Resp: 193166

Ion	Ratio	Lower	Upper
330	100		
332	92.9	77.0	115.6
141	45.2	29.9	44.9#

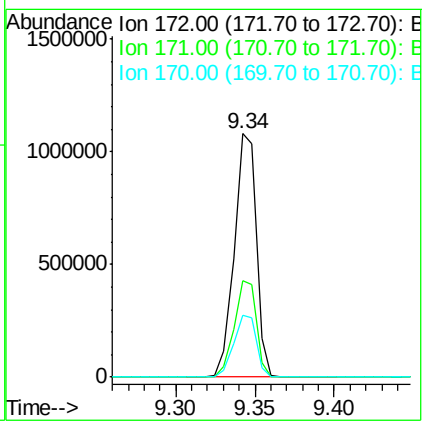


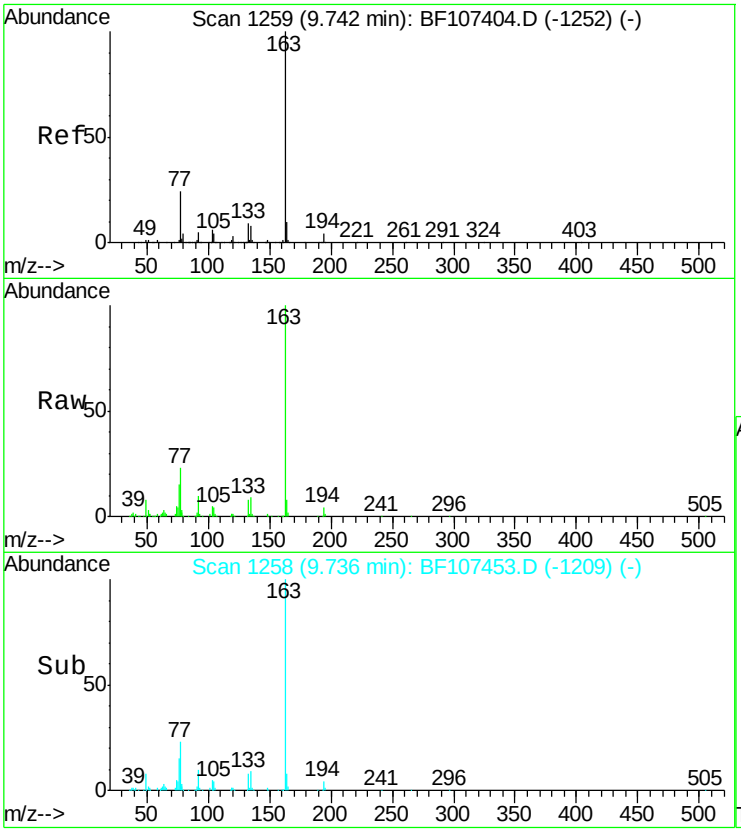


#44
2-Fluorobiphenyl
Concen: 58.388 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

Tgt Ion:172 Resp: 1047484

Ion	Ratio	Lower	Upper
172	100		
171	39.8	29.7	44.5
170	25.4	19.6	29.4



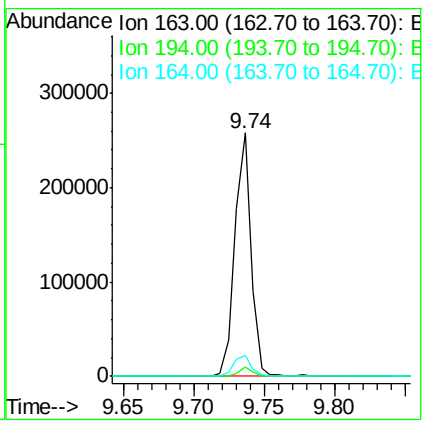


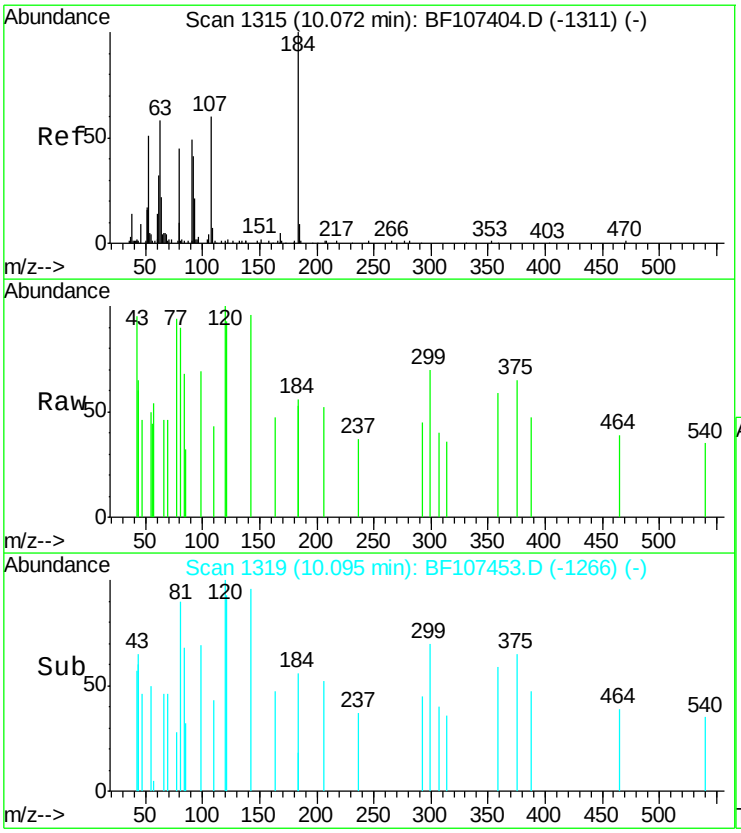
#49
Dimethylphthalate
Concen: 9.200 ng
RT: 9.74 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

Instrument :
BNA_F
ClientSampleId :
TP-F-D

Tgt Ion:163 Resp: 206636

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	8.5	8.2	12.2

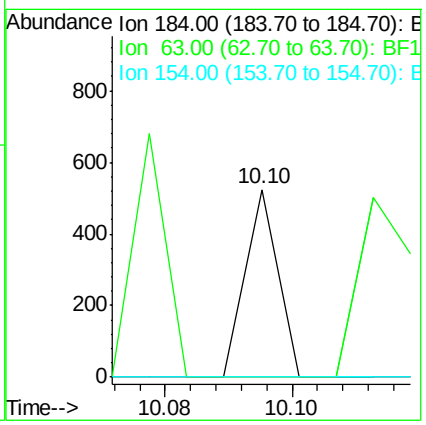


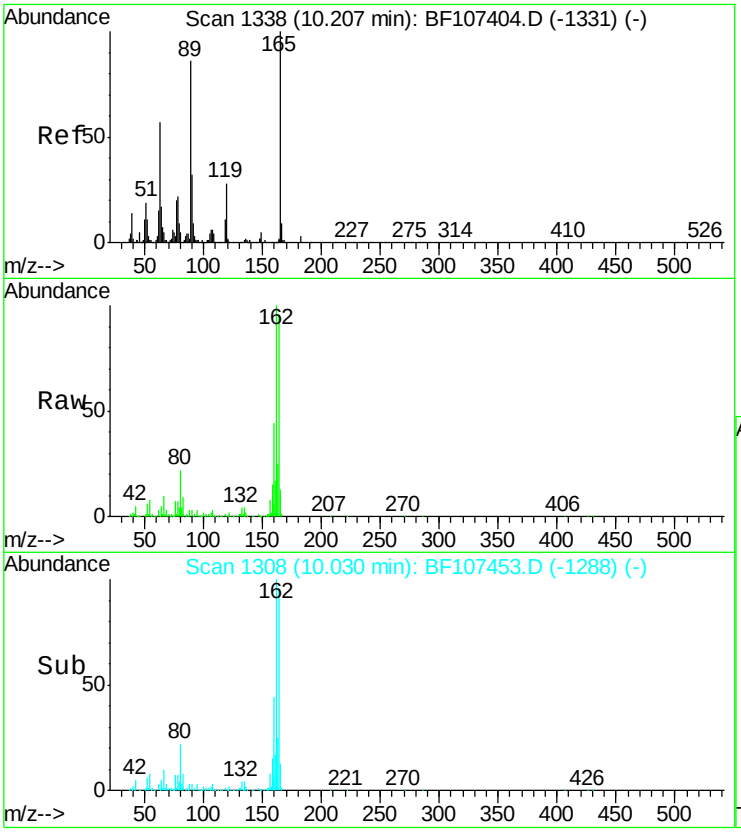


#53
2,4-Dinitrophenol
Concen: 2.426 ng
RT: 10.10 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

Tgt Ion:184 Resp: 185

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



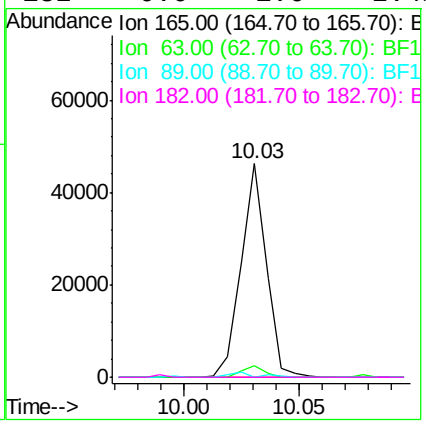


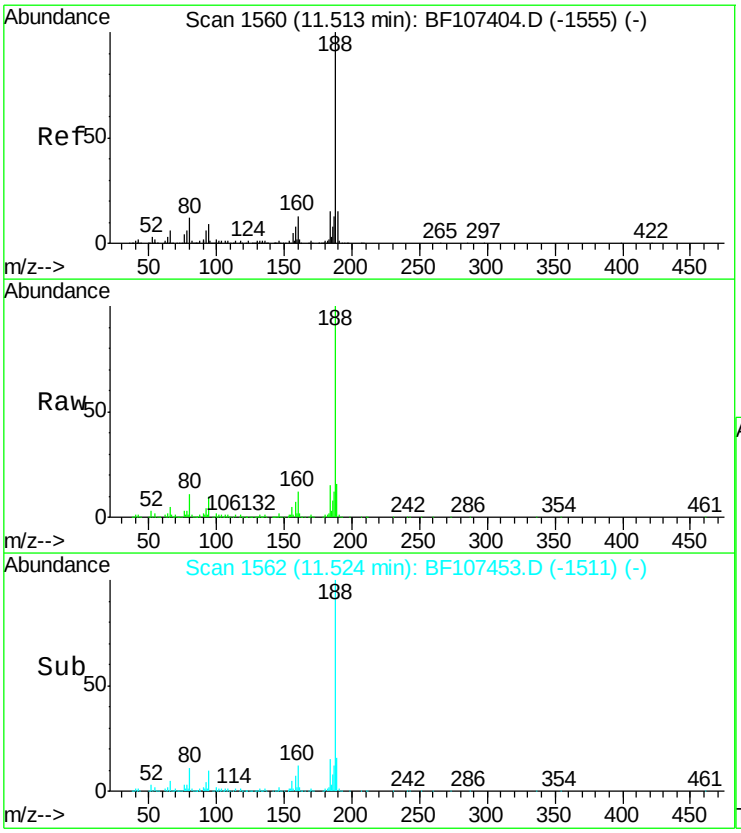
#56
2,4-Dinitrotoluene
Concen: 6.344 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.18 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

Instrument :
BNA_F
ClientSampleId :
TP-F-D

Tgt Ion:165 Resp: 35444

Ion	Ratio	Lower	Upper
165	100		
63	5.2	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

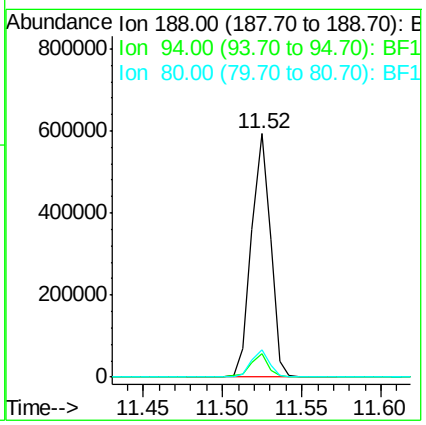


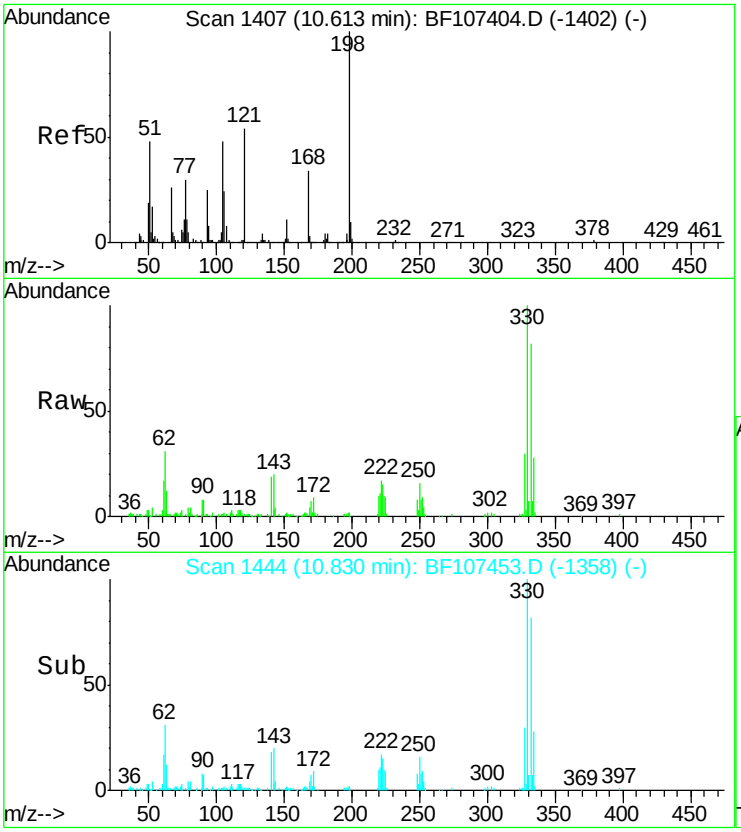


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

Tgt Ion:188 Resp: 498396

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	11.5	9.2	13.8



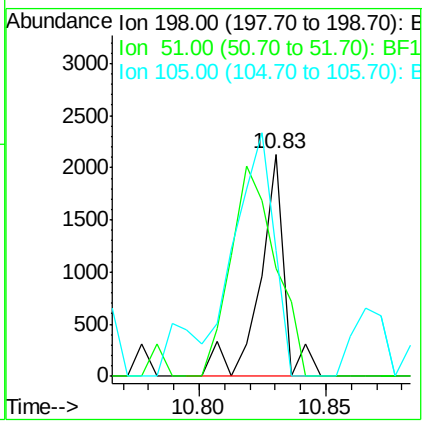


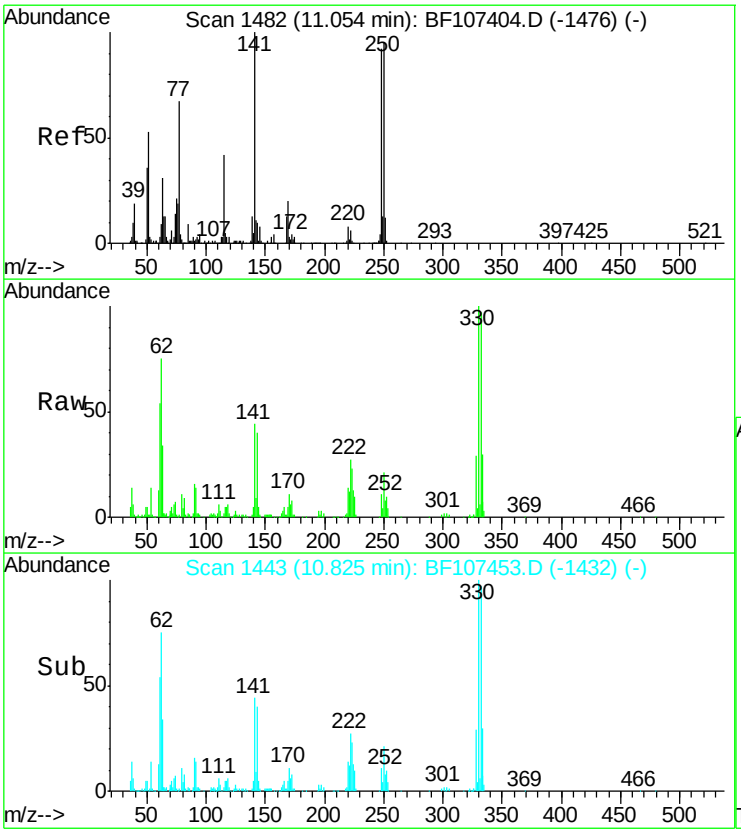
#64
4,6-Dinitro-2-methylphenol
Concen: 7.941 ng
RT: 10.83 min Scan# 1444
Delta R.T. 0.21 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

Instrument :
BNA_F
ClientSampleId :
TP-F-D

Tgt Ion:198 Resp: 1430

Ion	Ratio	Lower	Upper
198	100		
51	48.8	37.7	77.7
105	56.7	36.3	76.3

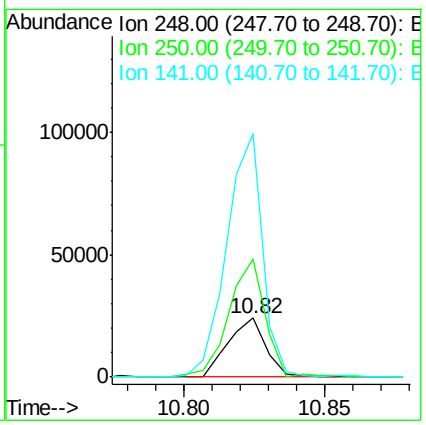


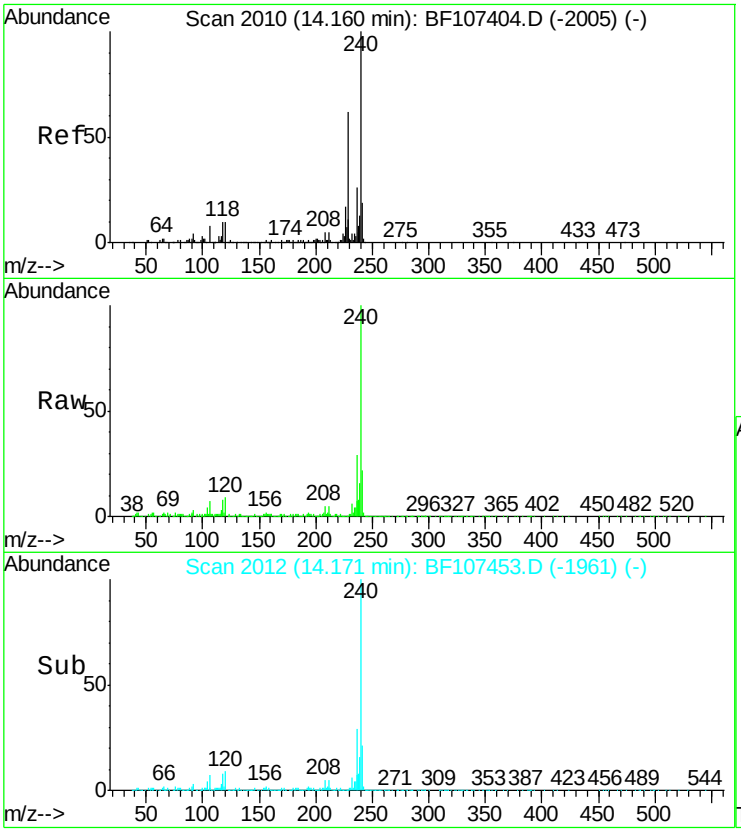


#66
4-Bromophenyl-phenylether
Concen: 3.865 ng
RT: 10.82 min Scan# 1443
Delta R.T. -0.24 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

Tgt Ion:248 Resp: 22040

Ion	Ratio	Lower	Upper
248	100		
250	199.6	76.9	115.3#
141	412.3	74.4	111.6#



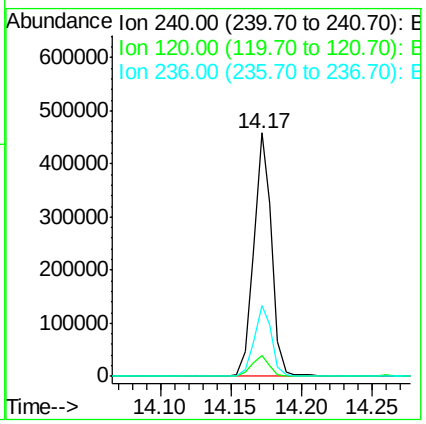


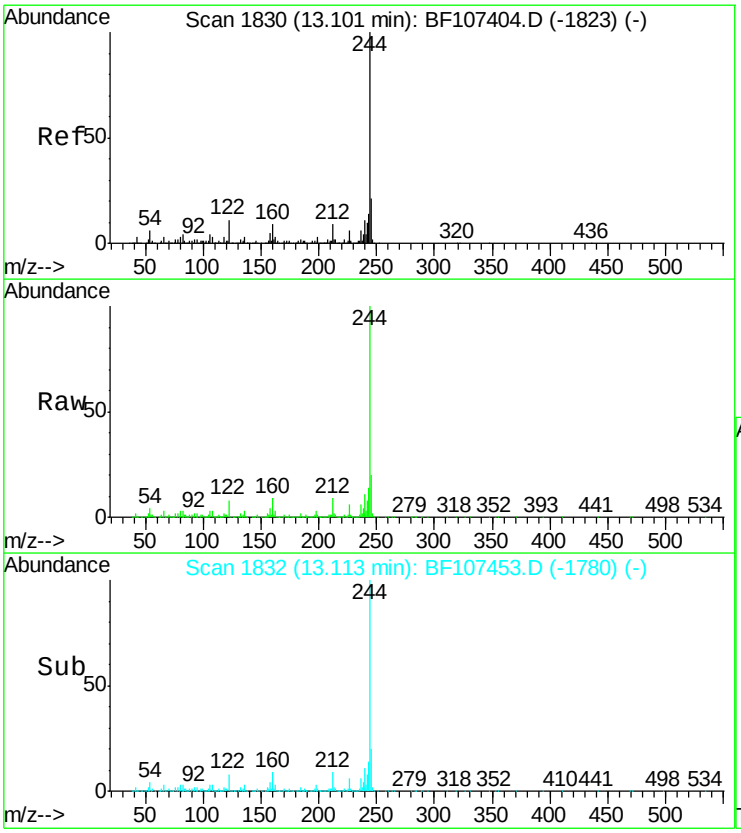
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

Instrument :
BNA_F
ClientSampleId :
TP-F-D

Tgt Ion:240 Resp: 401400

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	28.8	20.7	31.1

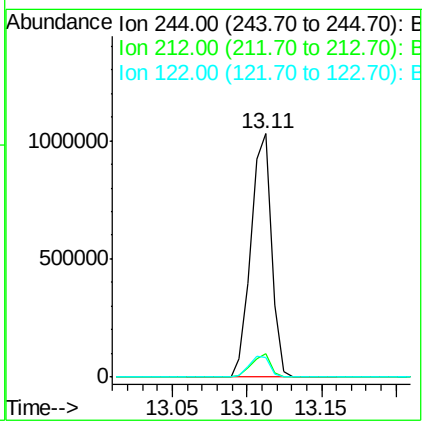


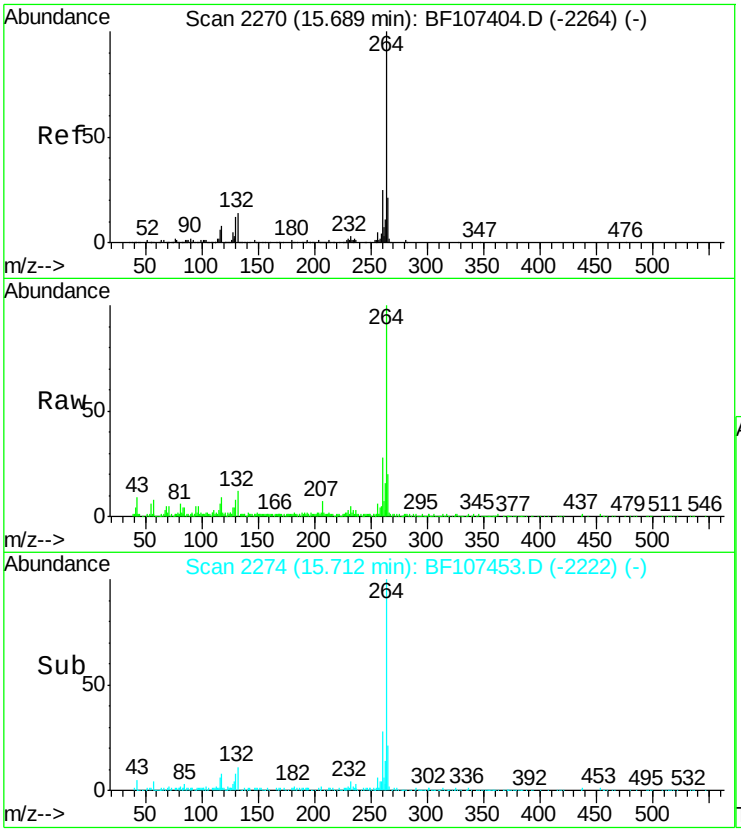


#78
Terphenyl-d14
Concen: 60.386 ng
RT: 13.11 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

Tgt Ion:244 Resp: 975584

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.4	8.0#
122	7.8	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF107453.D
Acq: 17 Jul 2018 16:58

Instrument :
BNA_F
ClientSampleId :
TP-F-D

Tgt Ion:264 Resp: 266897

Ion	Ratio	Lower	Upper
264	100		
260	28.3	19.2	28.8
265	20.5	17.5	26.3