Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071718\
Data File : BF107438.D
Acq On : 17 Jul 2018 10:12
Operator : JU/SJ
Sample : J3633-01RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 17 11:34:48 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	138486	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	492413	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	271646	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	577388	20.00	ng		0.00
75) Chrysene-d12	14.17	240	493992	20.00	ng		0.00
86) Perylene-d12	15.70	264	406120	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	726283	79.65	ng		0.00
7) Phenol-d6	6.61	99	952222	80.77	ng		0.00
23) Nitrobenzene-d5	7.54	82	691588	74.89	ng		-0.01
41) 2,4,6-Tribromophenol	10.82	330	217698	91.21	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1026561	59.80	ng		0.00
78) Terphenyl-d14	13.11	244	1180841	59.39	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.62	94	29558	2.339	ng		78
19) n-Nitroso-di-n-propylamine	7.54	70	116286	13.776	ng	#	75
25) Isophorone	7.54	82	691575	37.784	ng	#	64
49) Dimethylphthalate	9.73	163	204164	9.459	ng	#	99
53) 2,4-Dinitrophenol	10.26	184	181	2.430	ng	#	1
56) 2,4-Dinitrotoluene	10.02	165	34055	6.344	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.57	198	218	7.549	ng	#	23
66) 4-Bromophenyl-phenylether	10.82	248	24486	3.707	ng	#	1

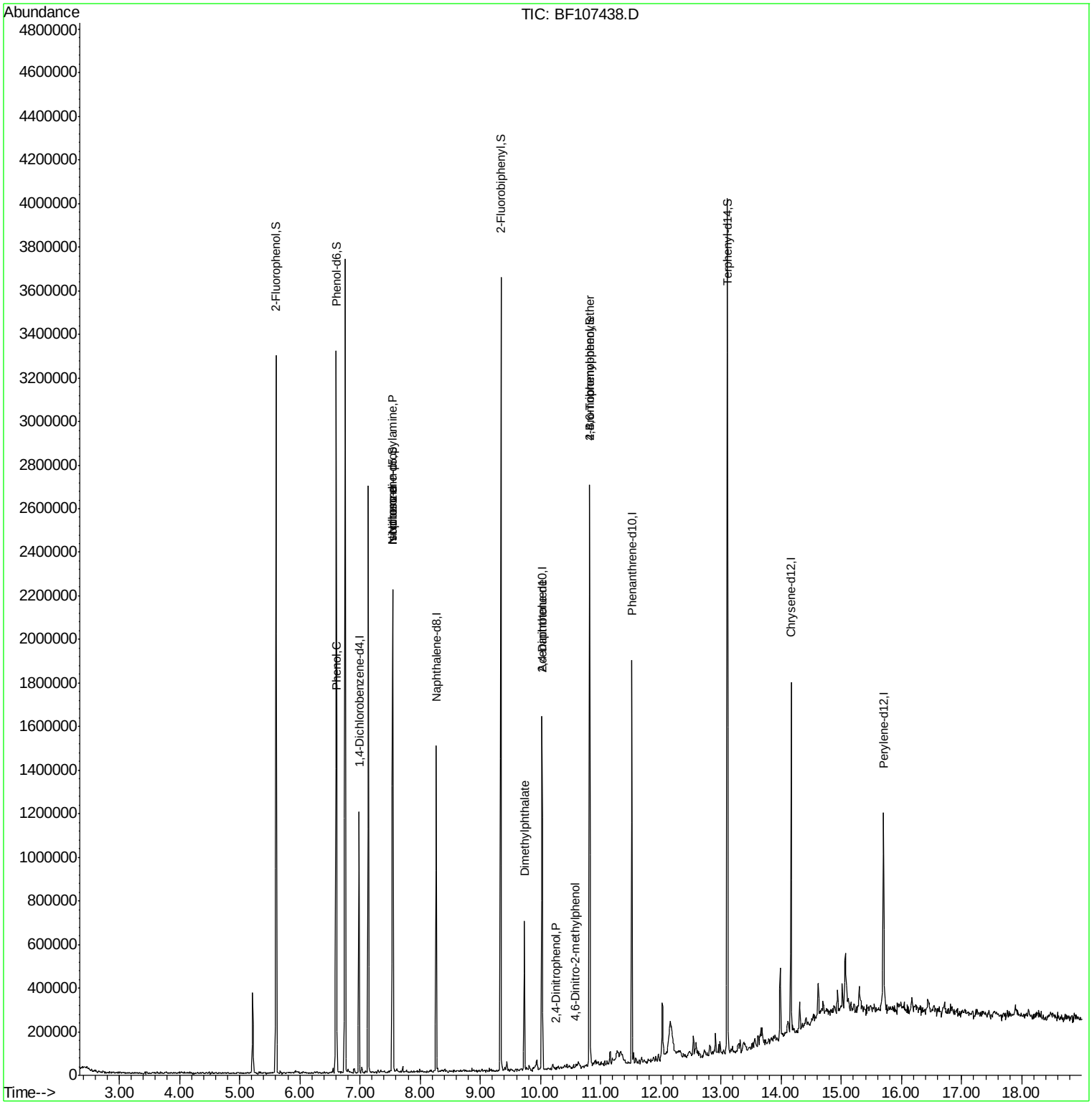
(#) = qualifier out of range (m) = manual integration (+) = signals summed

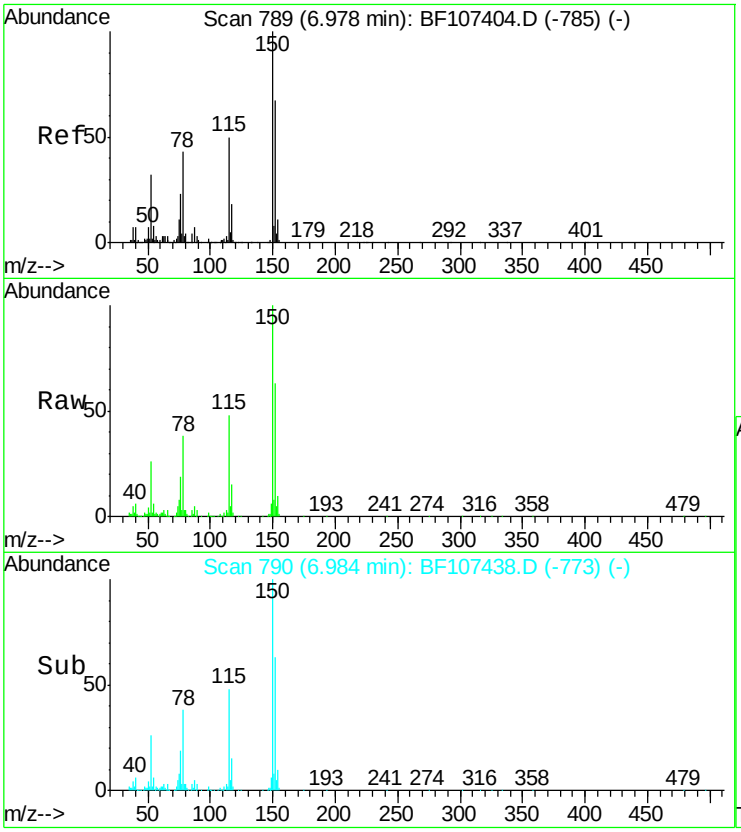
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071718\
Data File : BF107438.D
Acq On : 17 Jul 2018 10:12
Operator : JU/SJ
Sample : J3633-01RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 17 11:34:48 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



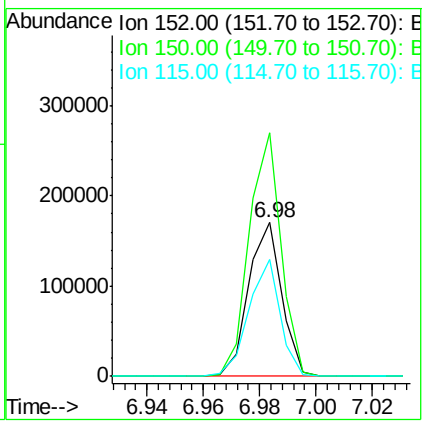


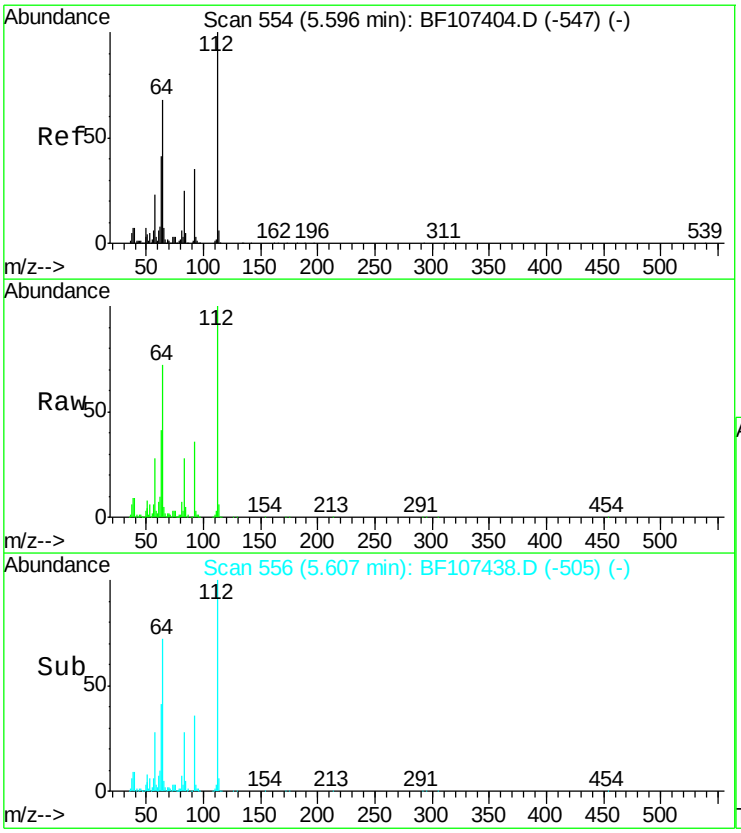
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 138486

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	76.0	50.1	75.1#

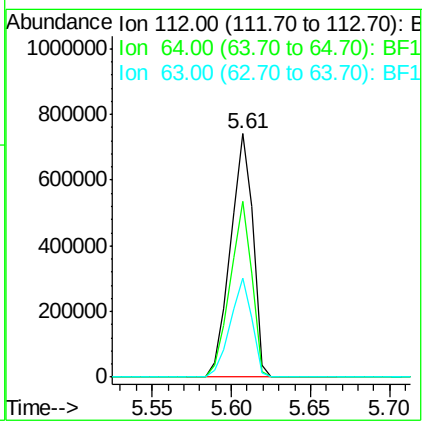


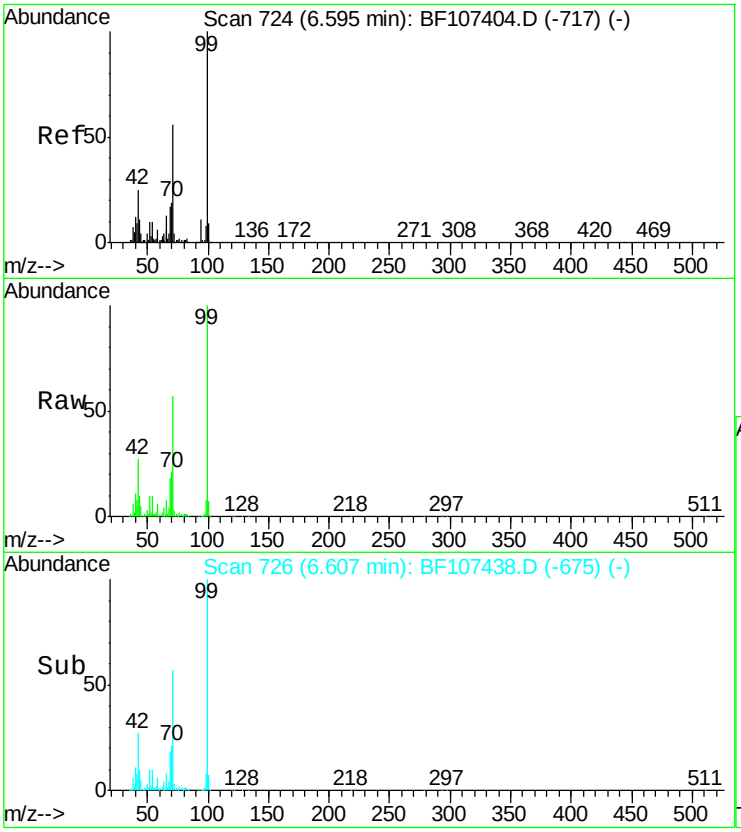


#5
2-Fluorophenol
Concen: 79.650 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Tgt Ion:112 Resp: 726283

Ion	Ratio	Lower	Upper
112	100		
64	72.1	47.9	71.9#
63	40.7	23.7	35.5#



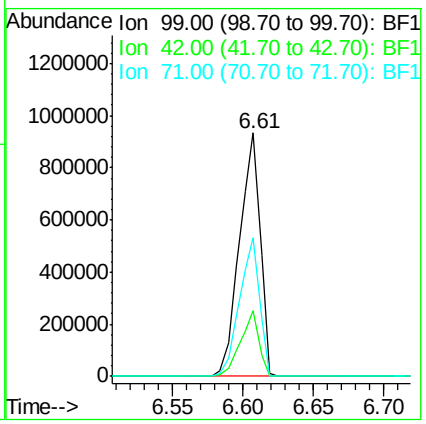


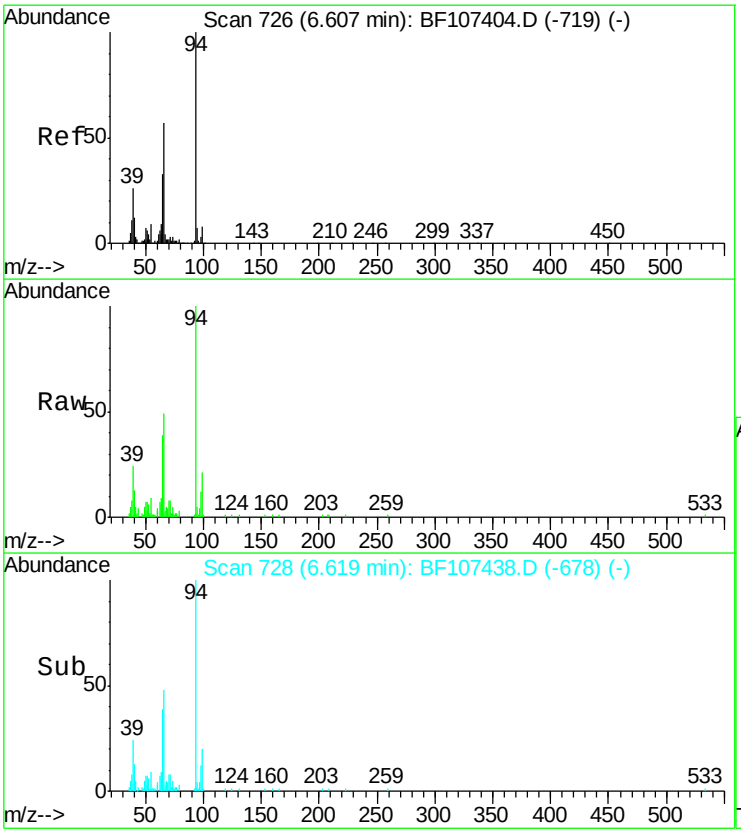
#7
Phenol-d6
Concen: 80.771 ng
RT: 6.61 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 952222

Ion	Ratio	Lower	Upper
99	100		
42	27.0	14.5	21.7#
71	57.1	25.4	38.0#

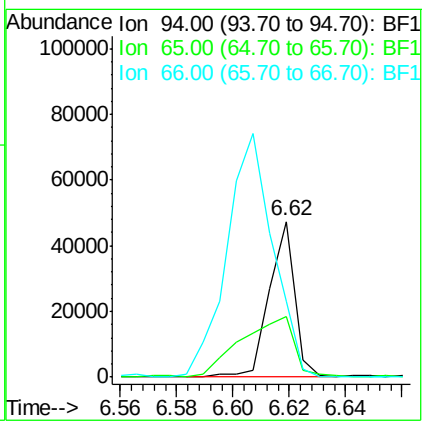


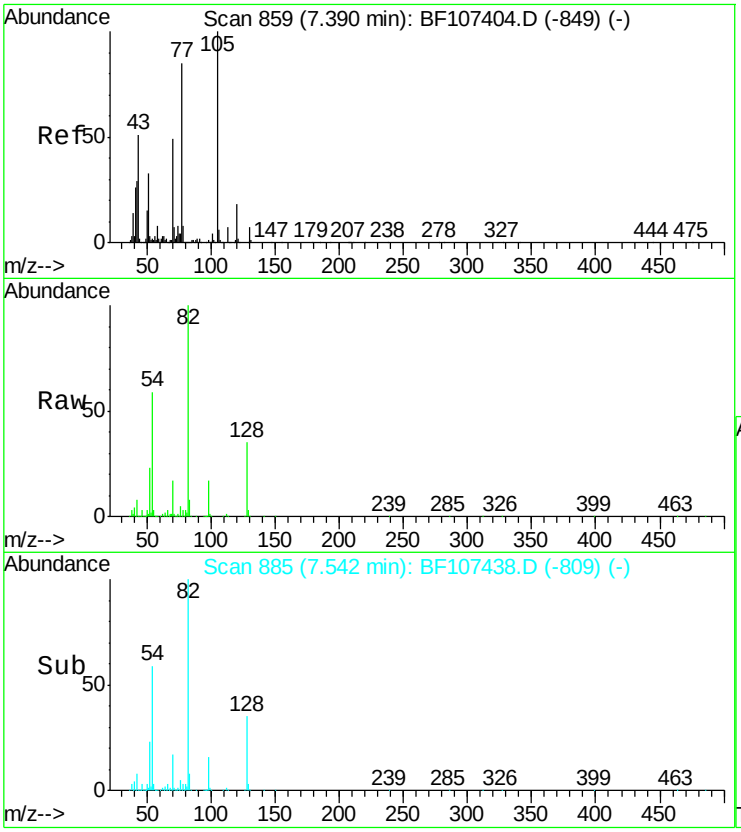


#10
Phenol
Concen: 2.339 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Tgt Ion: 94 Resp: 29558

Ion	Ratio	Lower	Upper
94	100		
65	39.4	7.9	47.9
66	48.9	16.2	56.2



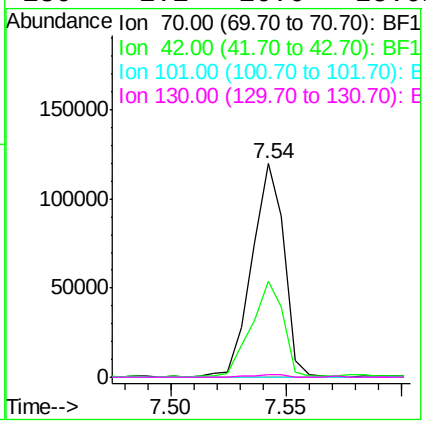


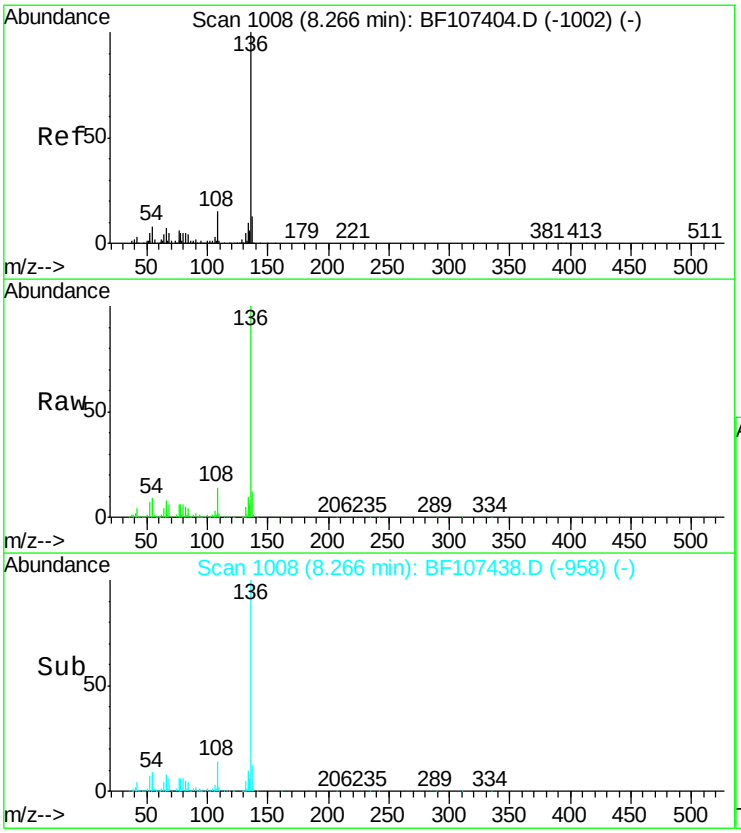
#19
n-Nitroso-di-n-propylamine
Concen: 13.776 ng
RT: 7.54 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 116286

Ion	Ratio	Lower	Upper
70	100		
42	45.2	47.5	71.3#
101	0.0	7.4	11.2#
130	1.1	16.6	25.0#

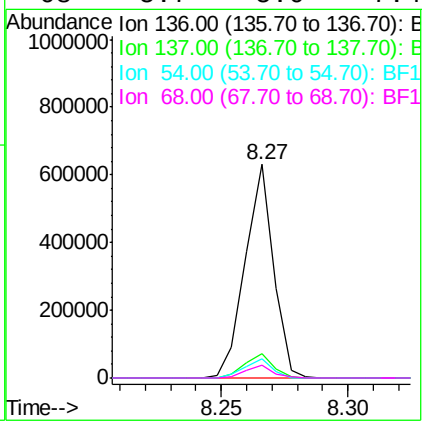


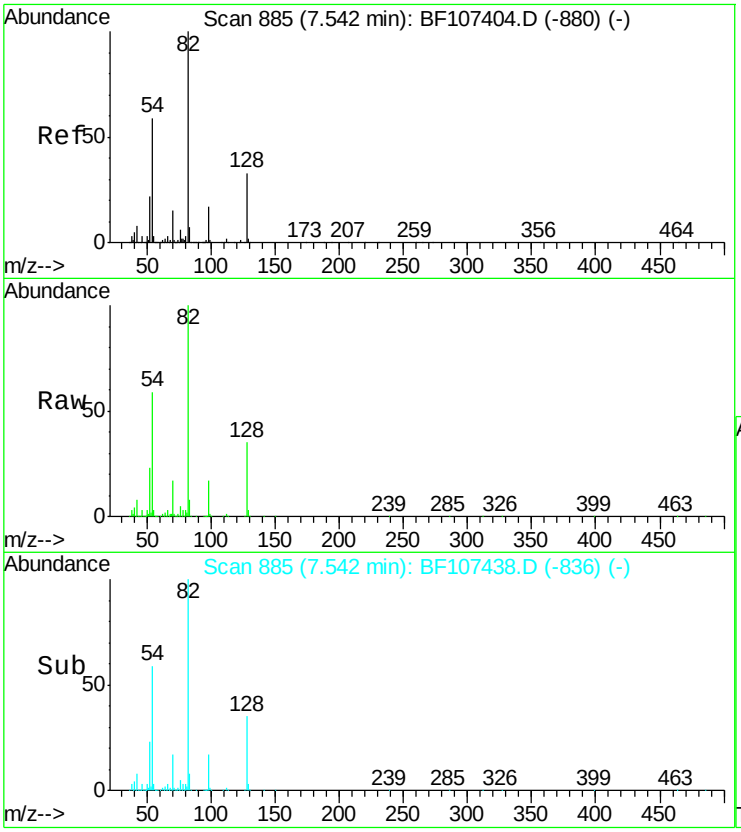


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Tgt Ion:136 Resp: 492413

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.8	6.6	9.8
68	5.7	5.0	7.4



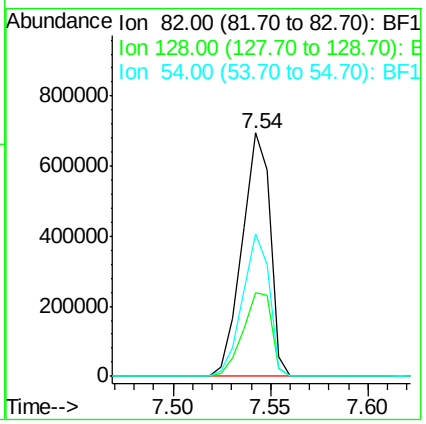


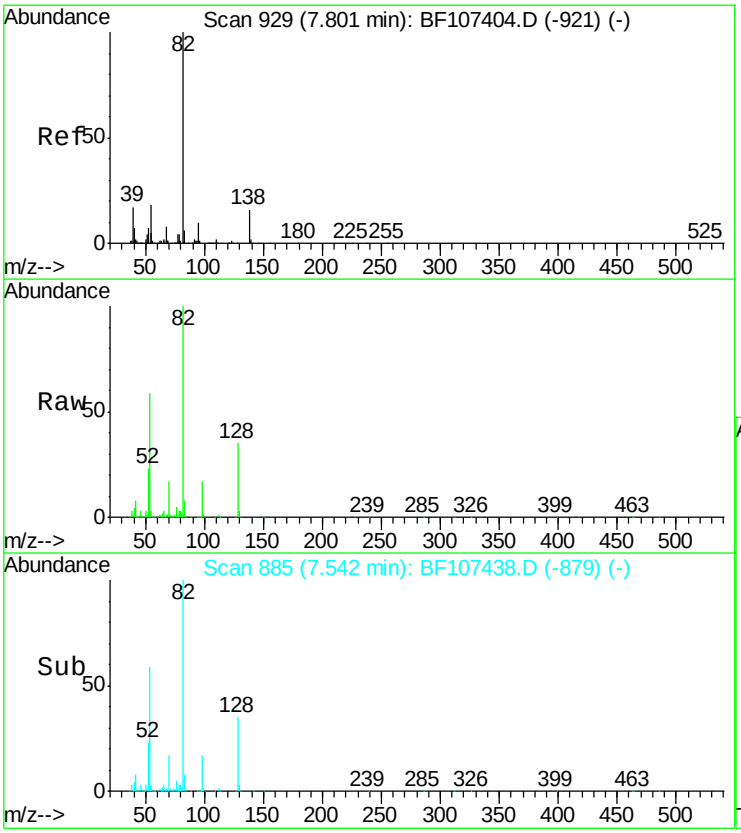
#23
Nitrobenzene-d5
Concen: 74.893 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 691588

Ion	Ratio	Lower	Upper
82	100		
128	34.5	36.1	54.1#
54	58.7	41.4	62.2

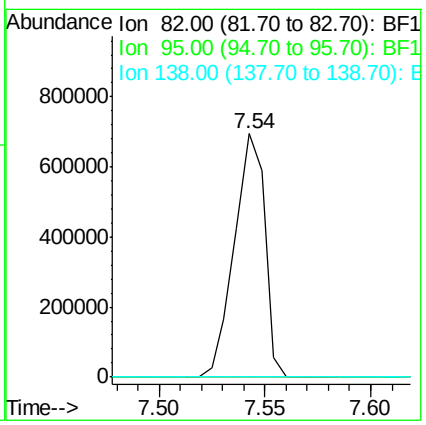


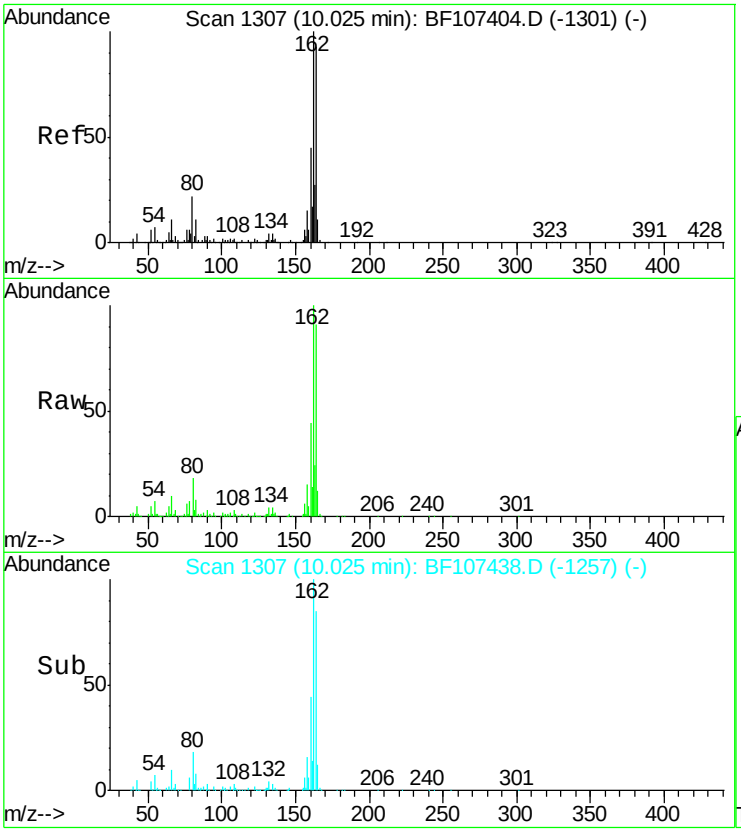


#25
Isophorone
Concen: 37.784 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Tgt Ion: 82 Resp: 691575

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



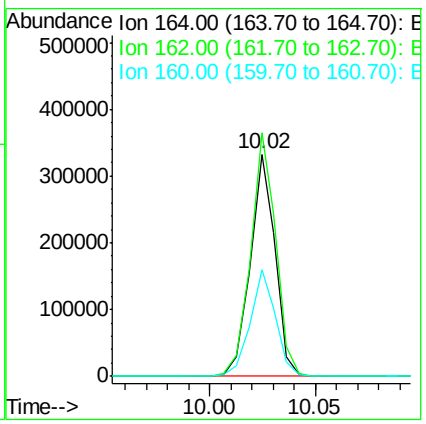


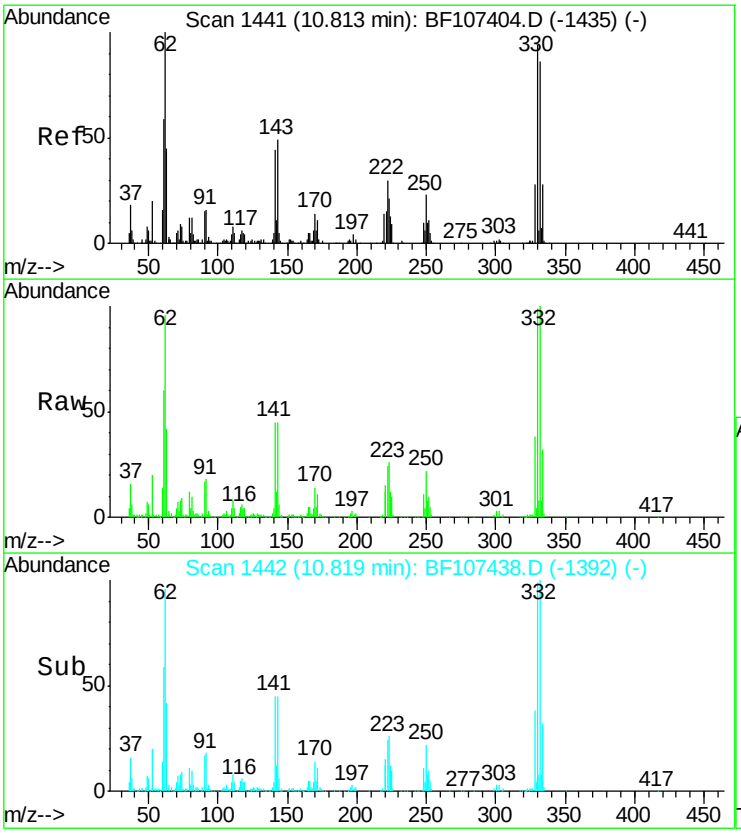
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 271646

Ion	Ratio	Lower	Upper
164	100		
162	109.5	86.1	129.1
160	47.7	38.3	57.5

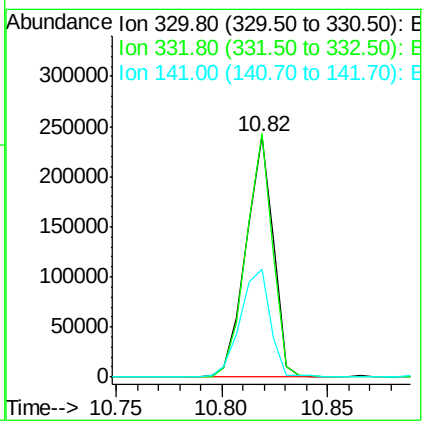


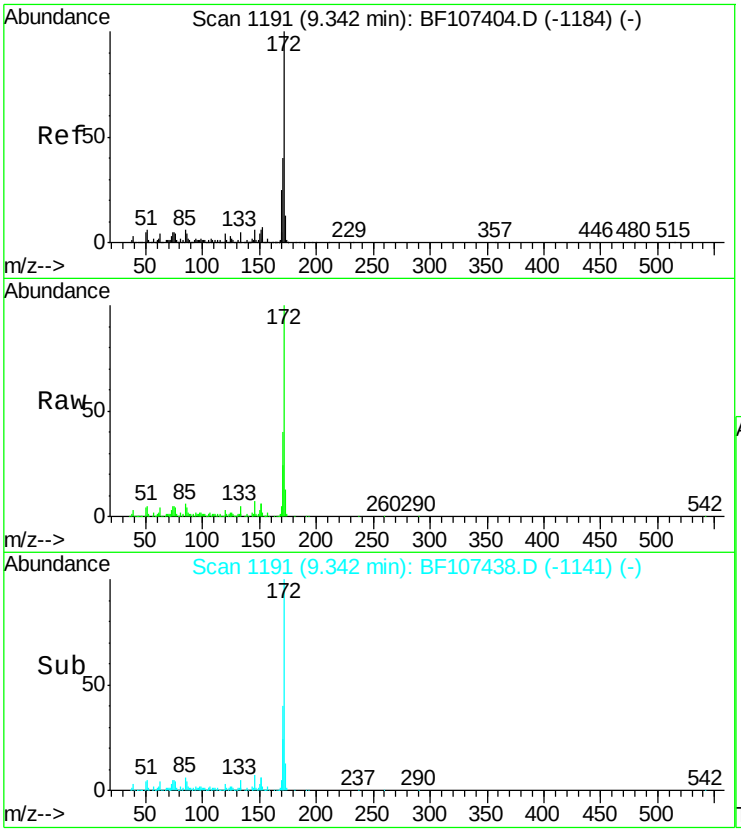


#41
2,4,6-Tribromophenol
Concen: 91.212 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Tgt Ion:330 Resp: 217698

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	49.4	29.9	44.9#



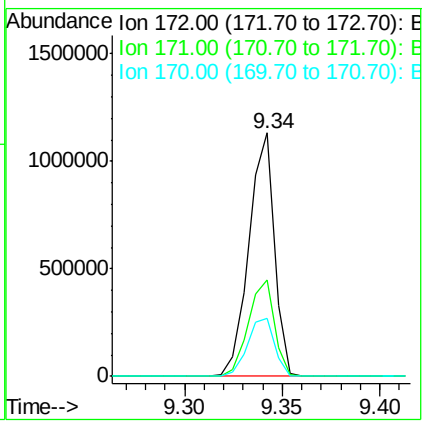


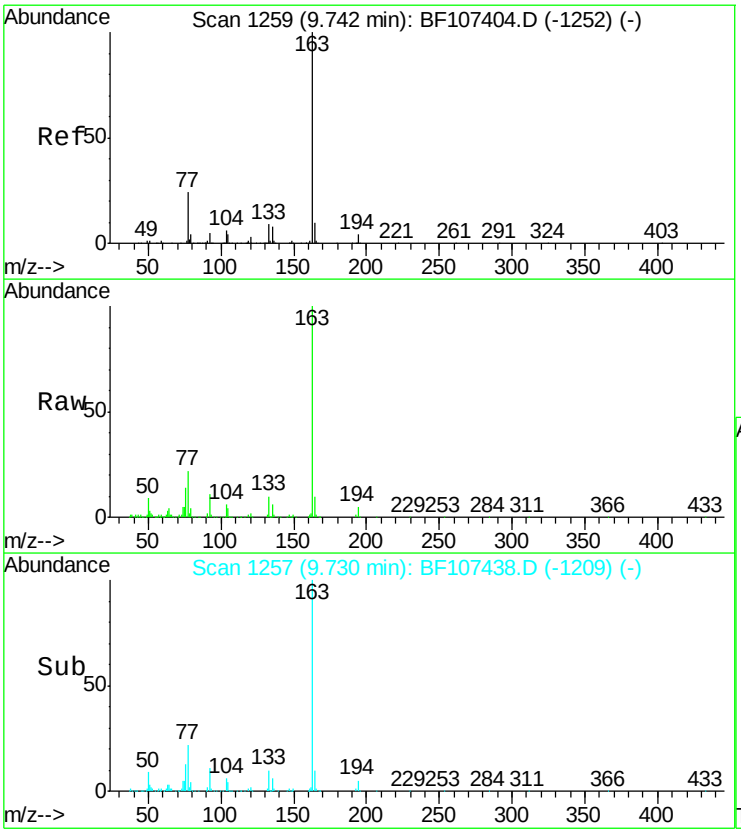
#44
2-Fluorobiphenyl
Concen: 59.795 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1026561

Ion	Ratio	Lower	Upper
172	100		
171	39.7	29.7	44.5
170	24.1	19.6	29.4

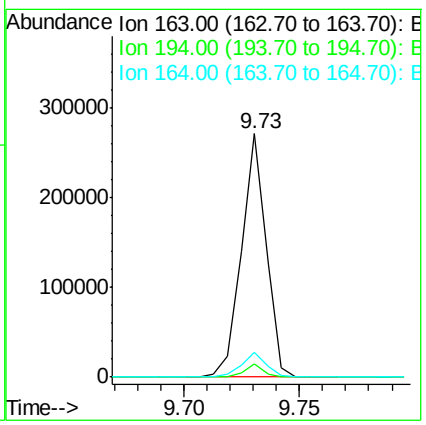


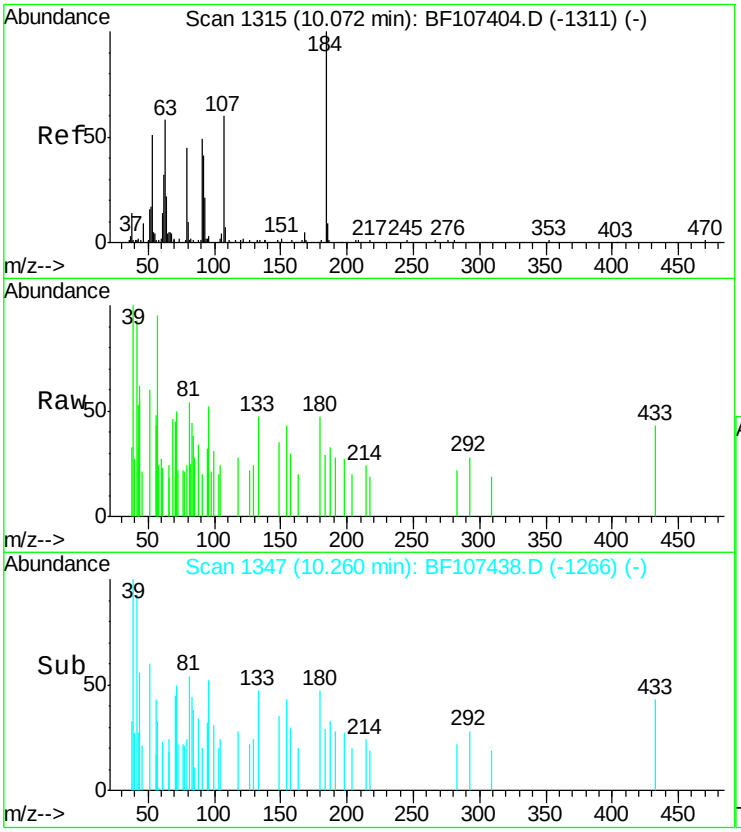


#49
Dimethylphthalate
Concen: 9.459 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Tgt Ion:163 Resp: 204164

Ion	Ratio	Lower	Upper
163	100		
194	5.2	2.7	4.1#
164	10.2	8.2	12.2



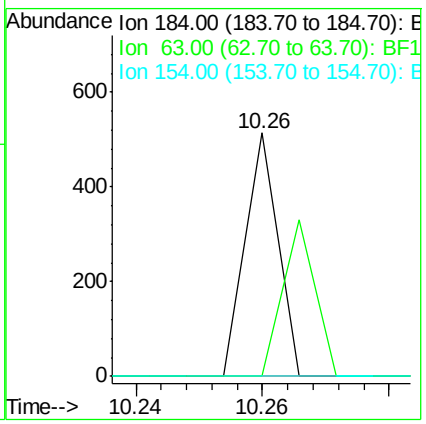


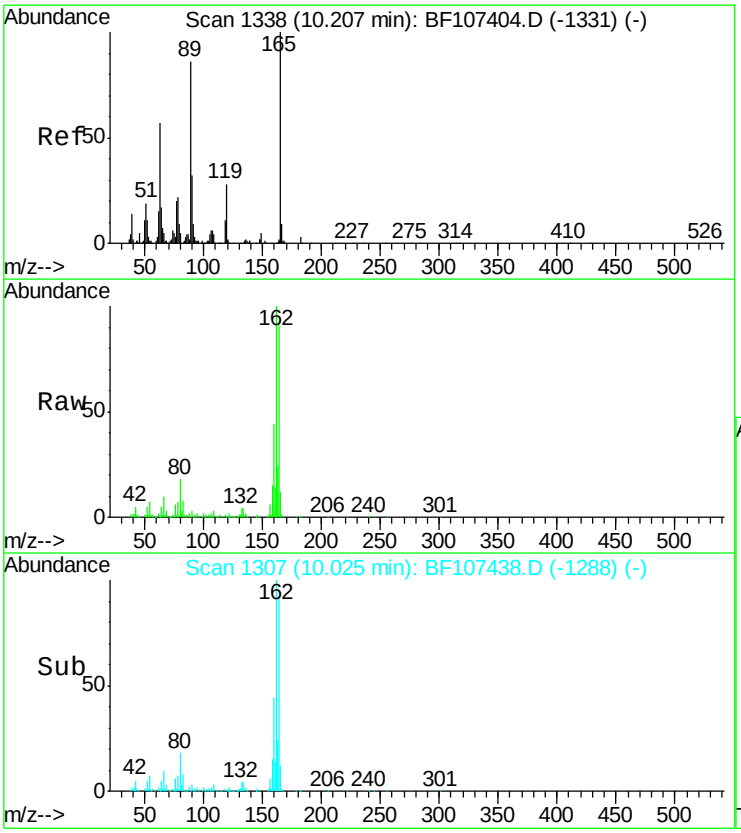
#53
2,4-Dinitrophenol
Concen: 2.430 ng
RT: 10.26 min Scan# 1347
Delta R.T. 0.18 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 181

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

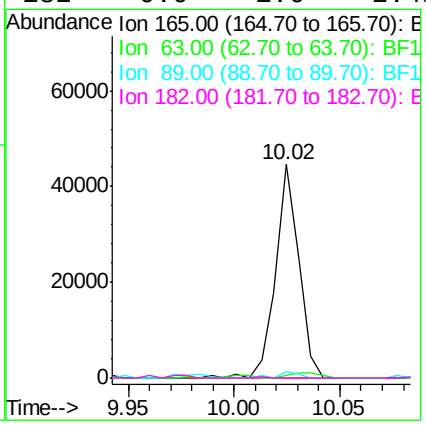


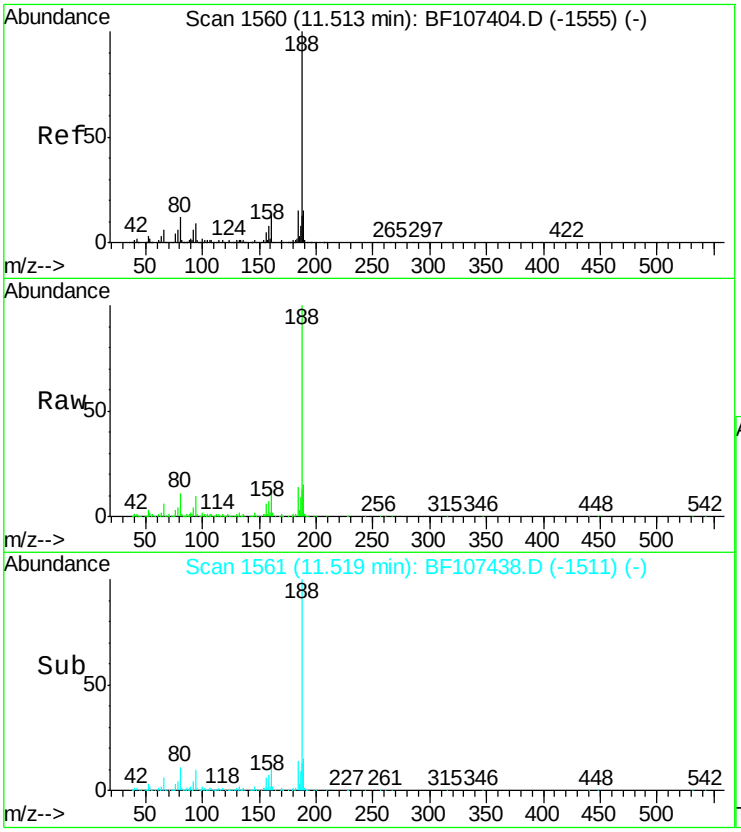


#56
2,4-Dinitrotoluene
Concen: 6.344 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Tgt Ion:165 Resp: 34055

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	3.2	57.8	86.6#
182	0.0	1.6	2.4#



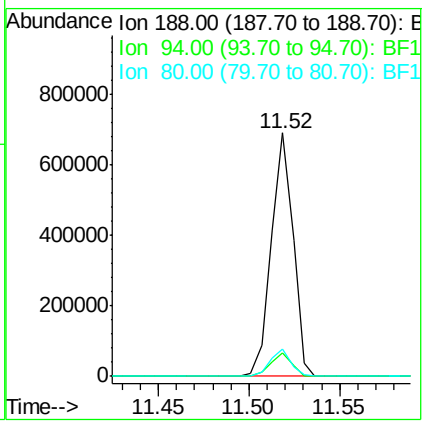


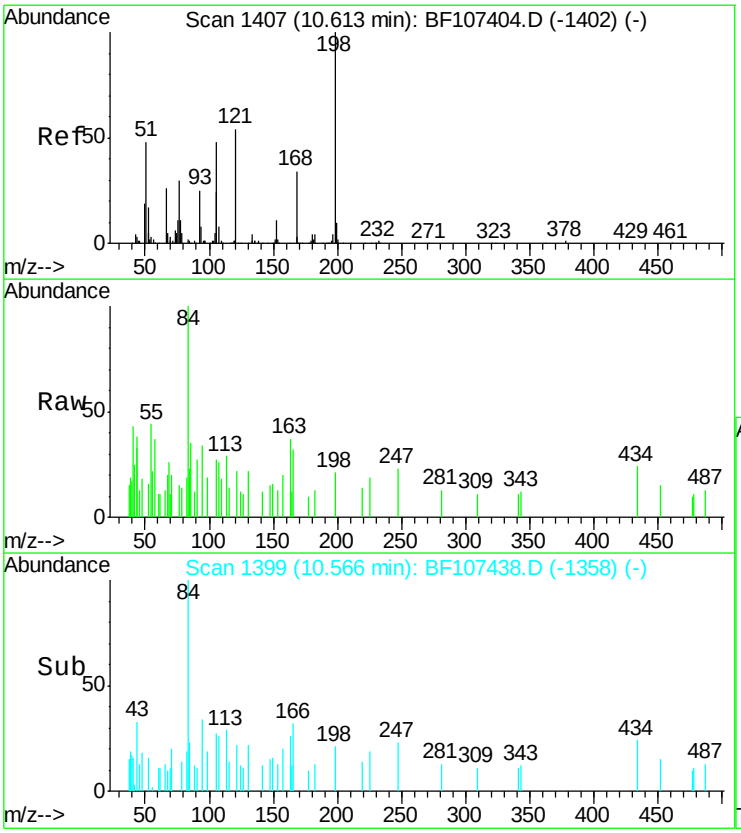
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 577388

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.1	9.2	13.8

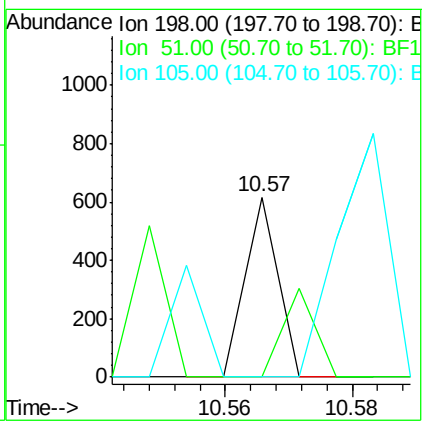


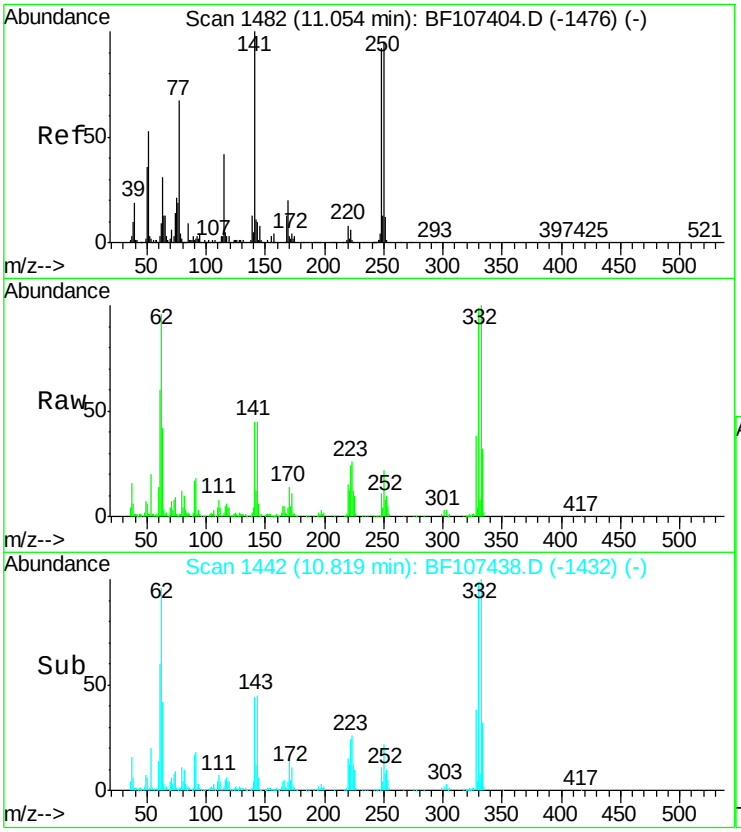


#64
4,6-Dinitro-2-methylphenol
Concen: 7.549 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.06 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Tgt Ion:198 Resp: 218

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



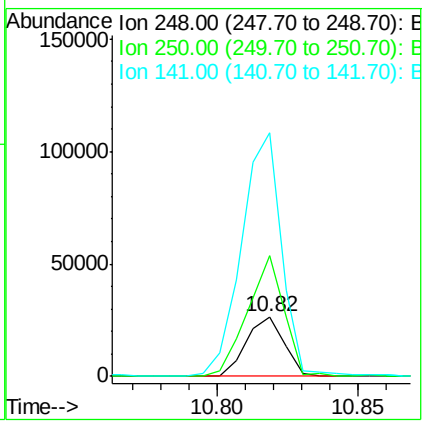


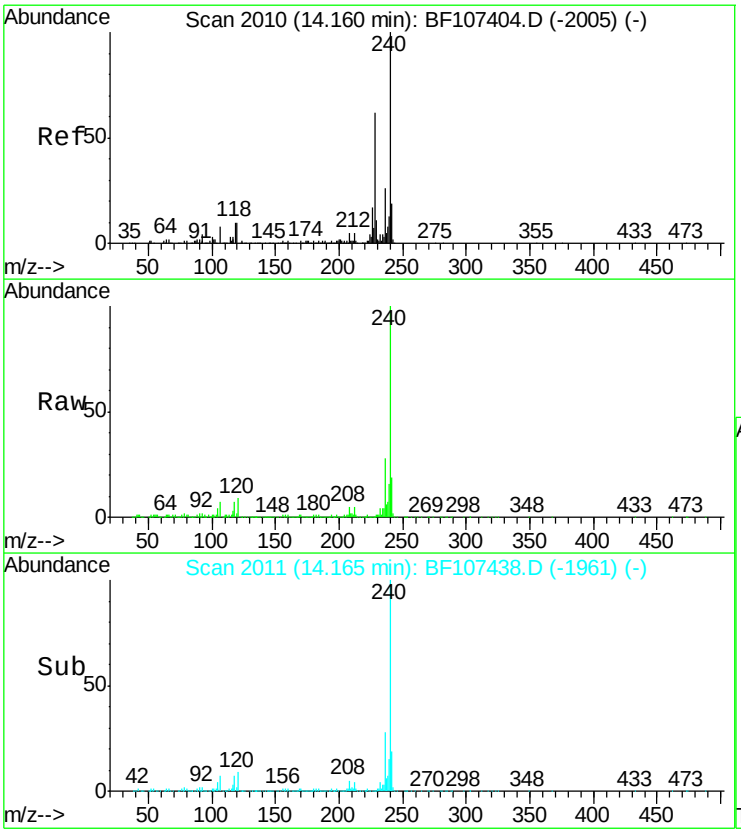
#66
4-Bromophenyl-phenylether
Concen: 3.707 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.24 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 24486

Ion	Ratio	Lower	Upper
248	100		
250	202.4	76.9	115.3#
141	406.4	74.4	111.6#

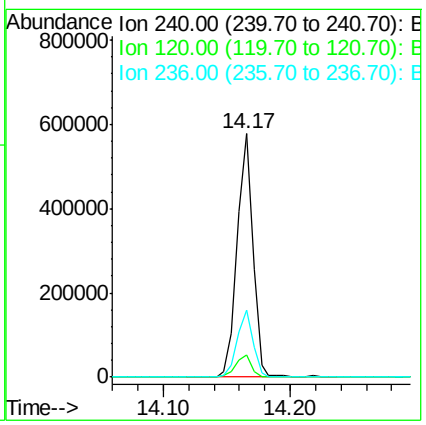


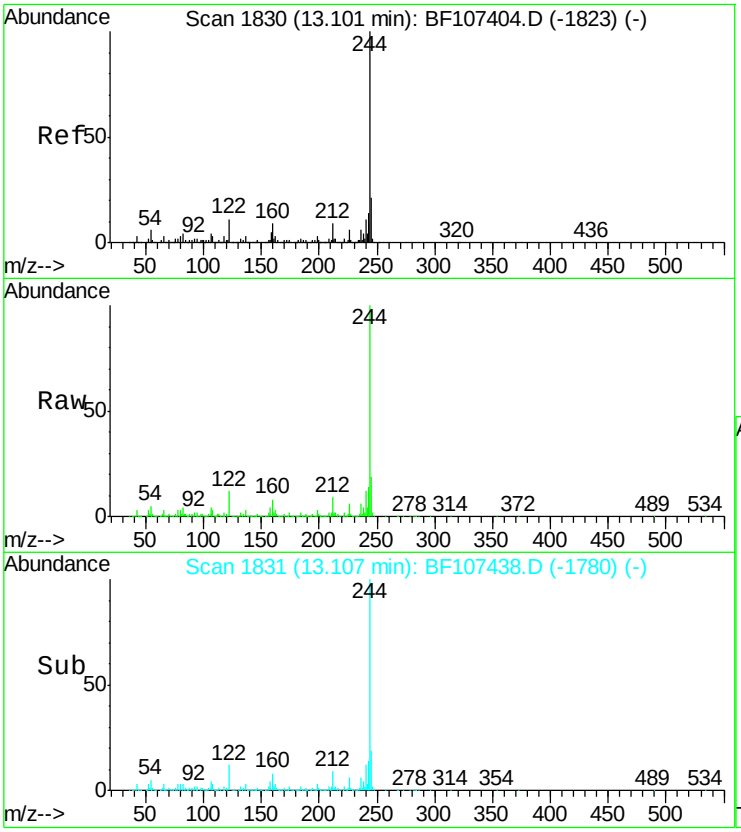


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Tgt Ion:240 Resp: 493992

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	27.7	20.7	31.1



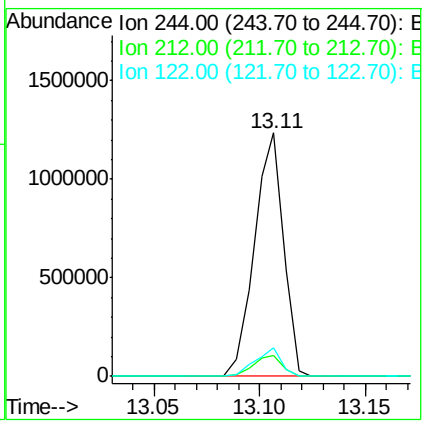


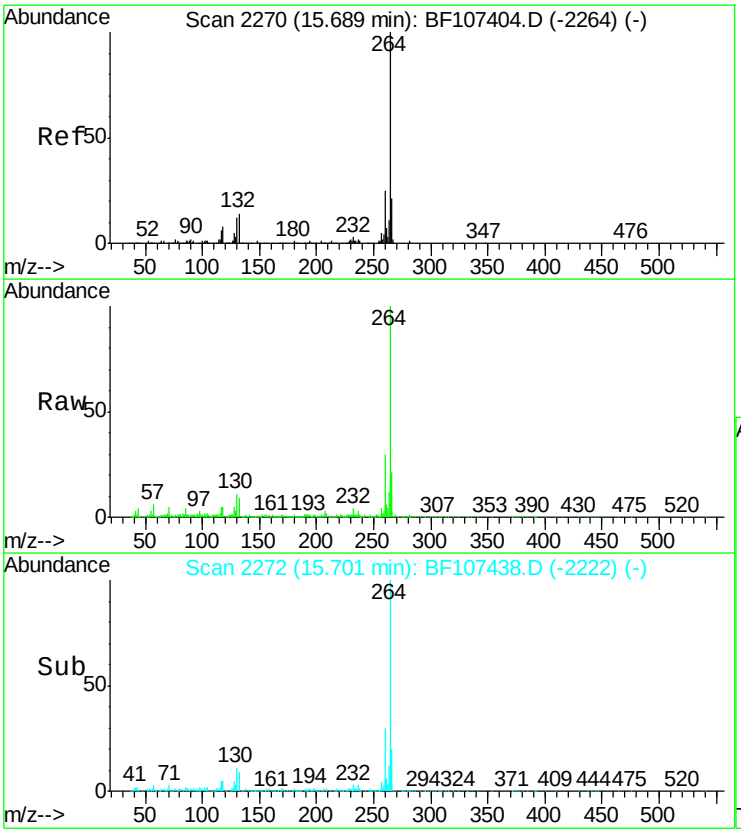
#78
Terphenyl-d14
Concen: 59.391 ng
RT: 13.11 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1180841

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.4	8.0#
122	11.5	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: BF107438.D
Acq: 17 Jul 2018 10:12

Tgt Ion:264 Resp: 406120

Ion	Ratio	Lower	Upper
264	100		
260	29.8	19.2	28.8#
265	20.6	17.5	26.3