Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071718\
Data File : BF107456.D
Acq On : 17 Jul 2018 18:20
Operator : JU/SJ
Sample : J3996-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-1

Quant Time: Jul 18 01:20:21 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	6.99	152	112204	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	374797	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	188957	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	407777	20.00	ng	0.00
75) Chrysene-d12	14.17	240	403430	20.00	ng	0.00
86) Perylene-d12	15.71	264	212685	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	498493	67.47	ng	0.00
7) Phenol-d6	6.61	99	605104	63.35	ng	0.00
23) Nitrobenzene-d5	7.55	82	423636	60.27	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	123630	74.47	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	694967	57.86	ng	0.00
78) Terphenyl-d14	13.11	244	811037	49.95	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.55	70	66800	9.767	ng	# 75
25) Isophorone	7.55	82	423626	30.408	ng	# 64
49) Dimethylphthalate	9.74	163	128754	8.576	ng	97
53) 2,4-Dinitrophenol	10.10	184	124	2.427	ng	# 1
56) 2,4-Dinitrotoluene	10.03	165	27573	7.384	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.48	198	227	7.577	ng	# 23
66) 4-Bromophenyl-phenylether	10.82	248	14128	3.028	ng	# 1

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

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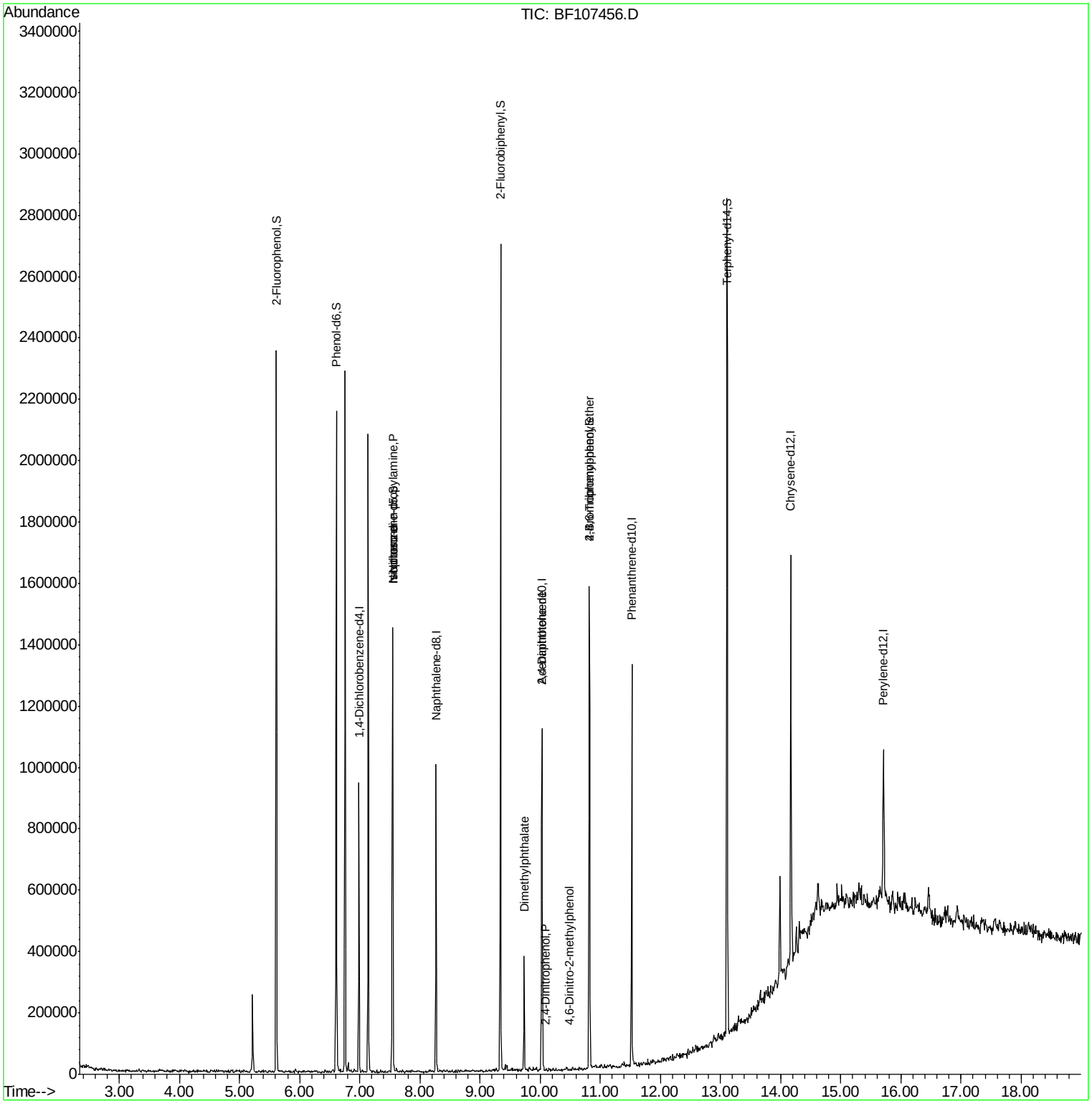
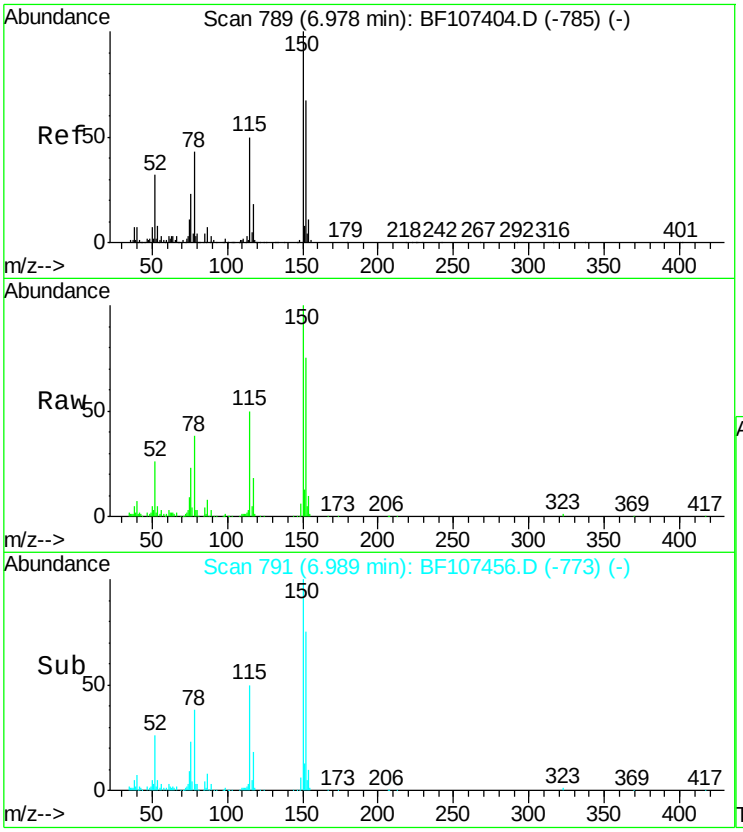


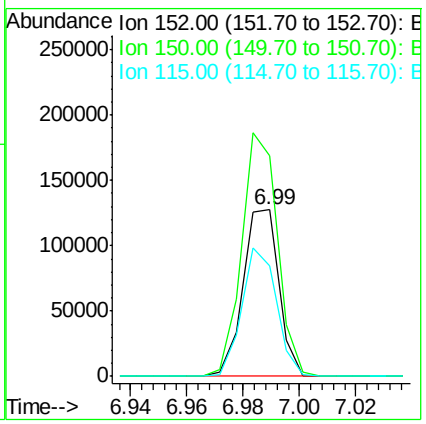


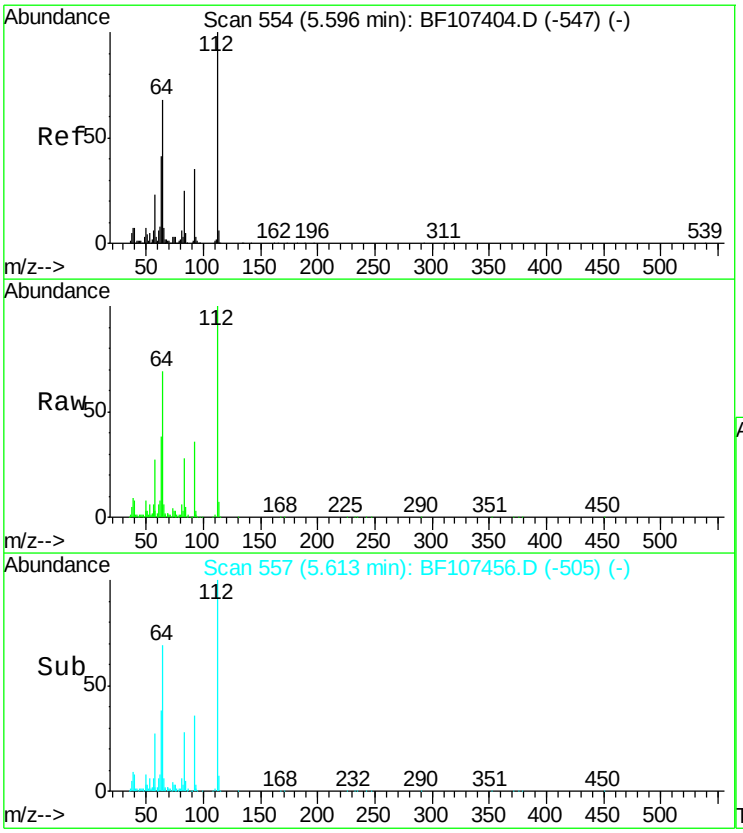
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.99 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Instrument :
BNA_F
ClientSampleId :
MH-1

Tgt Ion:152 Resp: 112204

Ion	Ratio	Lower	Upper
152	100		
150	132.5	124.6	186.8
115	66.5	50.1	75.1

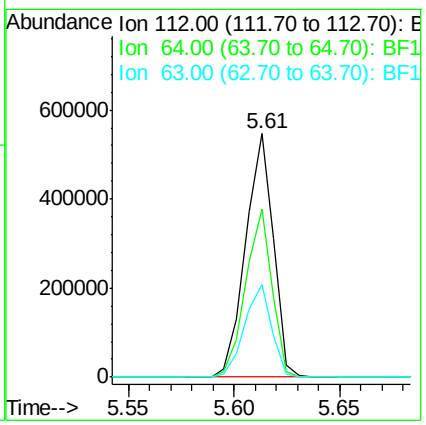


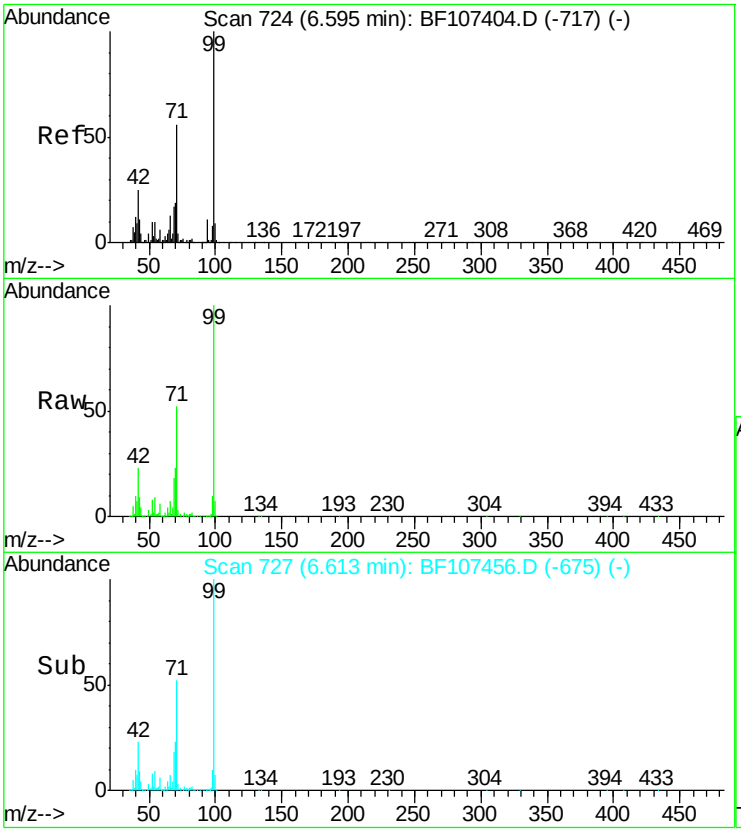


#5
2-Fluorophenol
Concen: 67.474 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Tgt Ion:112 Resp: 498493

Ion	Ratio	Lower	Upper
112	100		
64	69.0	47.9	71.9
63	37.8	23.7	35.5#



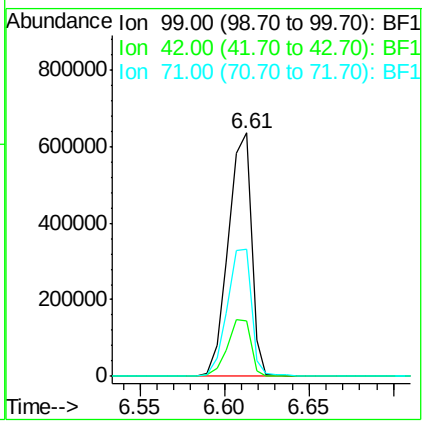


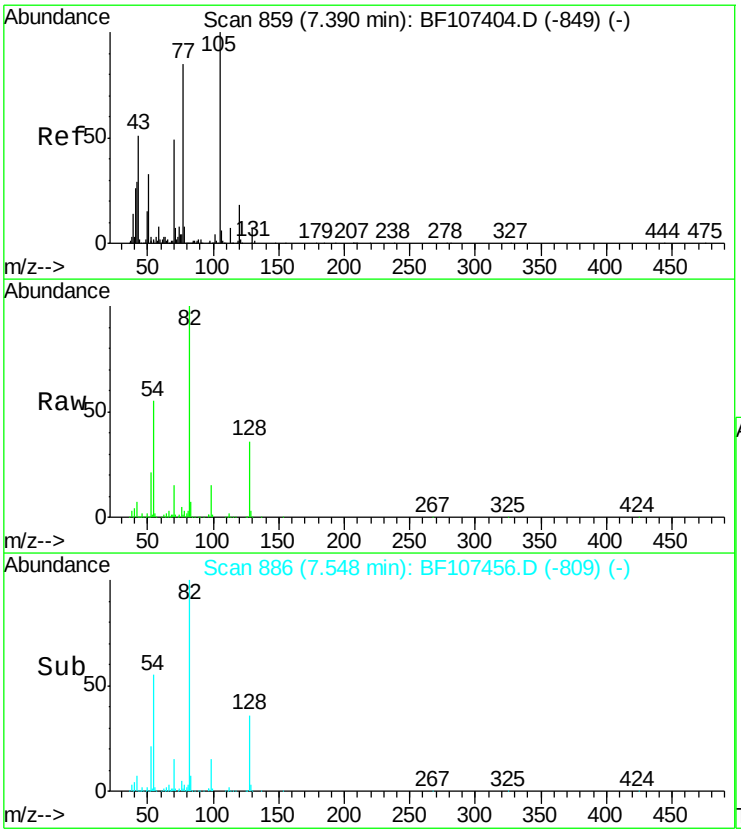
#7
Phenol-d6
Concen: 63.350 ng
RT: 6.61 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Instrument :
BNA_F
ClientSampleId :
MH-1

Tgt Ion: 99 Resp: 605104

Ion	Ratio	Lower	Upper
99	100		
42	23.0	14.5	21.7#
71	52.1	25.4	38.0#

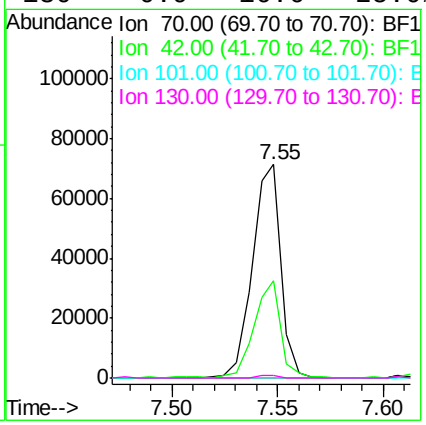


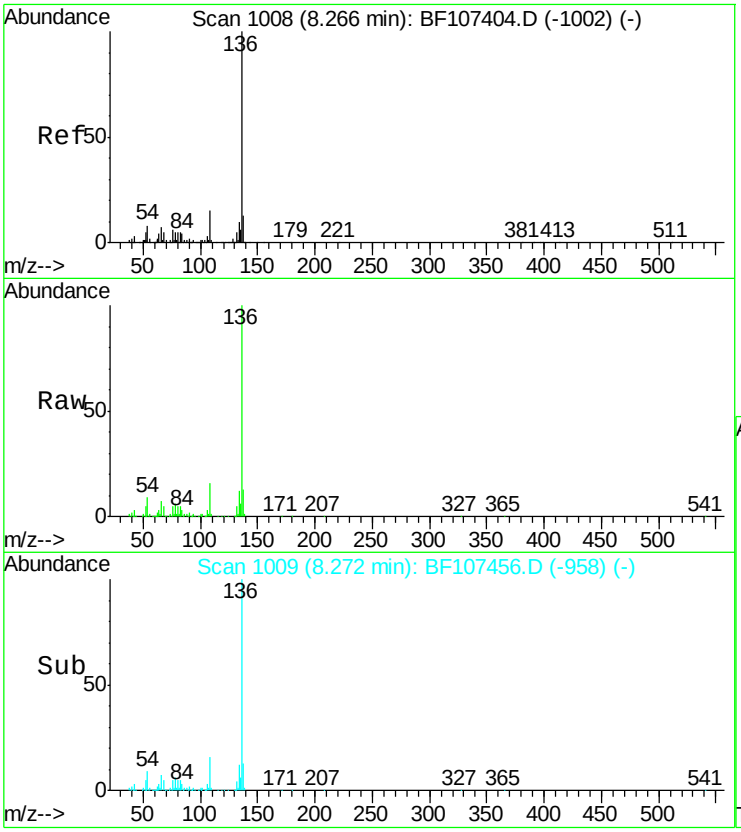


#19
n-Nitroso-di-n-propylamine
Concen: 9.767 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.15 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Tgt Ion: 70 Resp: 66800

Ion	Ratio	Lower	Upper
70	100		
42	45.6	47.5	71.3#
101	0.0	7.4	11.2#
130	0.9	16.6	25.0#



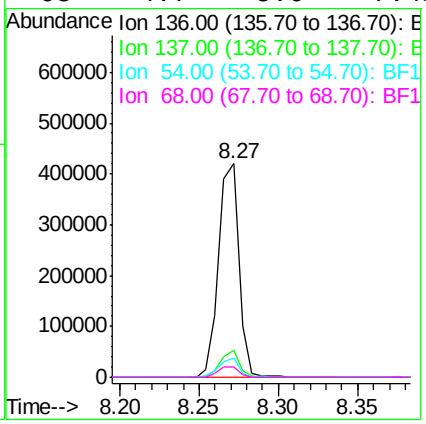


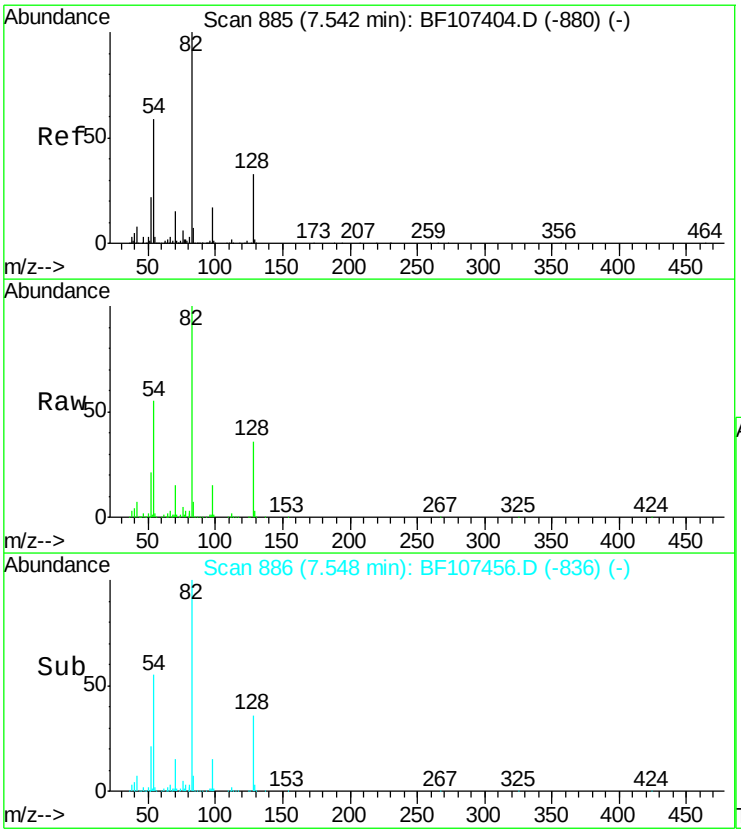
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Instrument :
BNA_F
ClientSampleId :
MH-1

Tgt Ion:136 Resp: 374797

Ion	Ratio	Lower	Upper
136	100		
137	12.6	8.9	13.3
54	9.1	6.6	9.8
68	4.7	5.0	7.4#

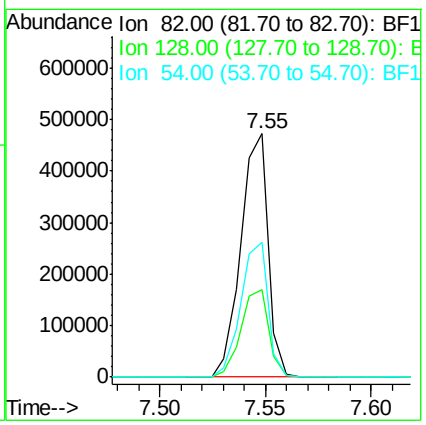


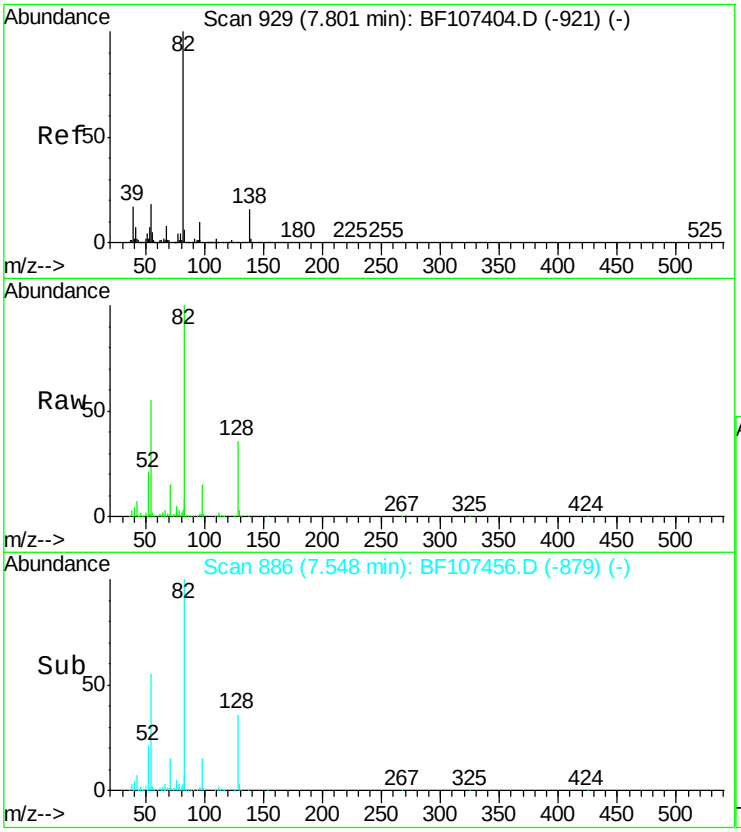


#23
Nitrobenzene-d5
Concen: 60.273 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Tgt Ion: 82 Resp: 423636

Ion	Ratio	Lower	Upper
82	100		
128	36.0	36.1	54.1#
54	55.2	41.4	62.2



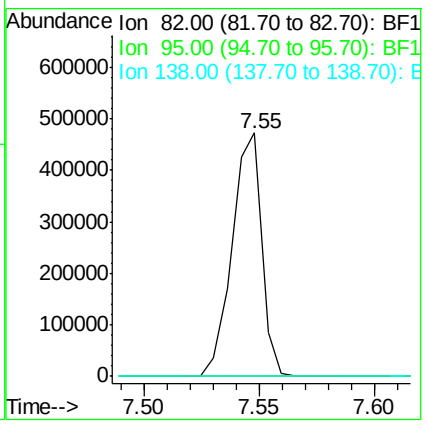


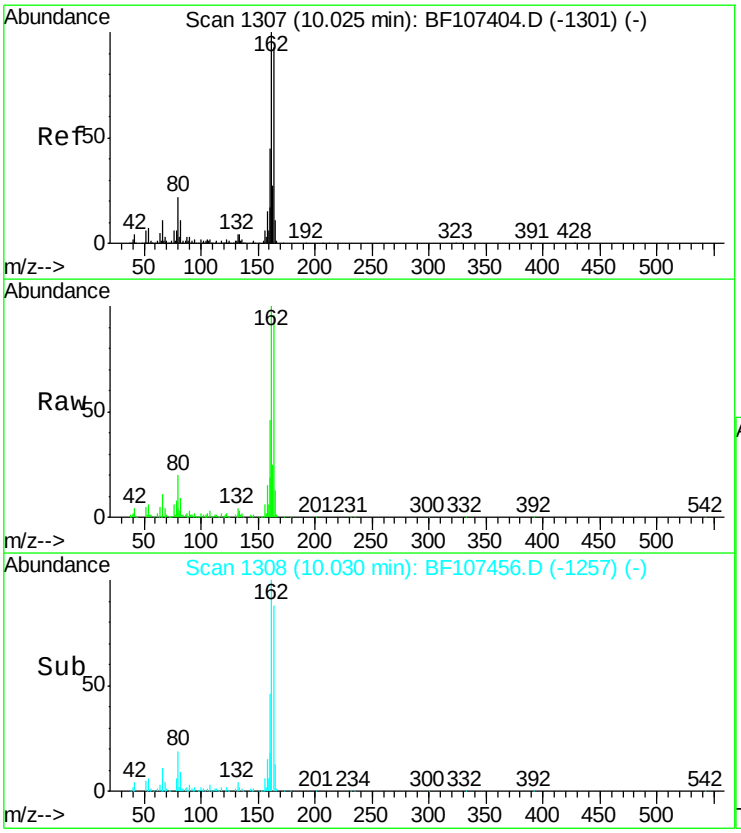
#25
Isophorone
Concen: 30.408 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Instrument :
BNA_F
ClientSampleId :
MH-1

Tgt Ion: 82 Resp: 423626

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

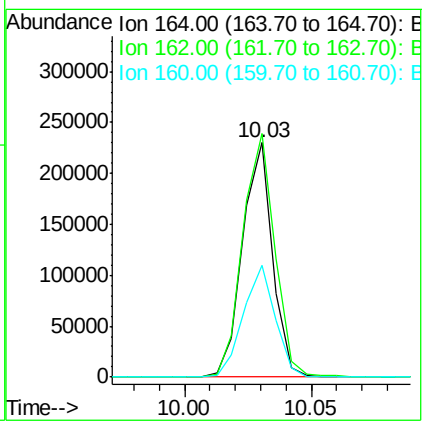


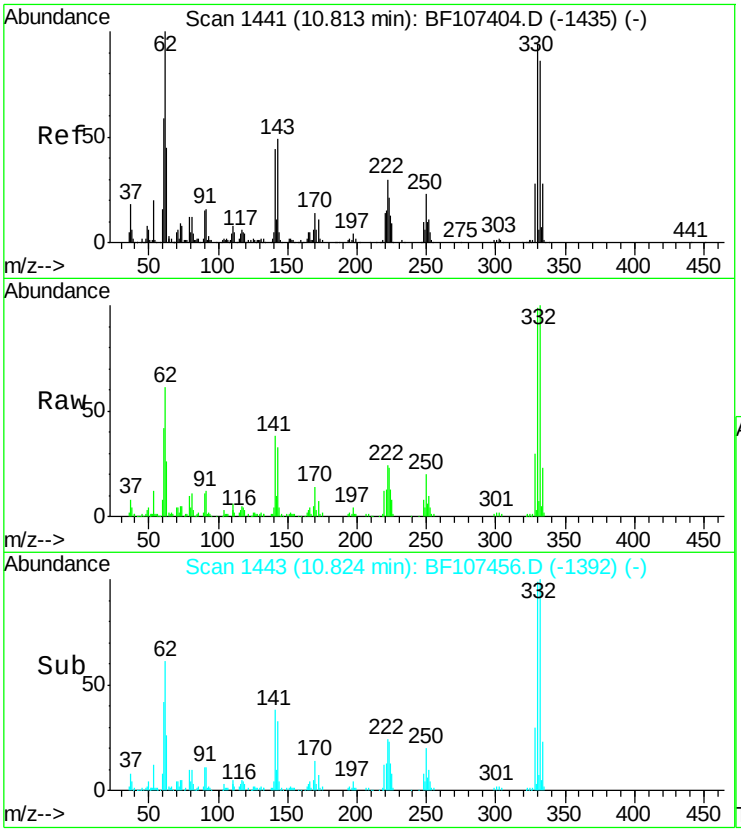


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Tgt Ion:164 Resp: 188957

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	47.7	38.3	57.5



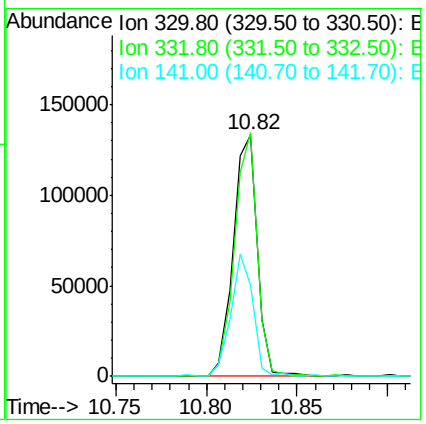


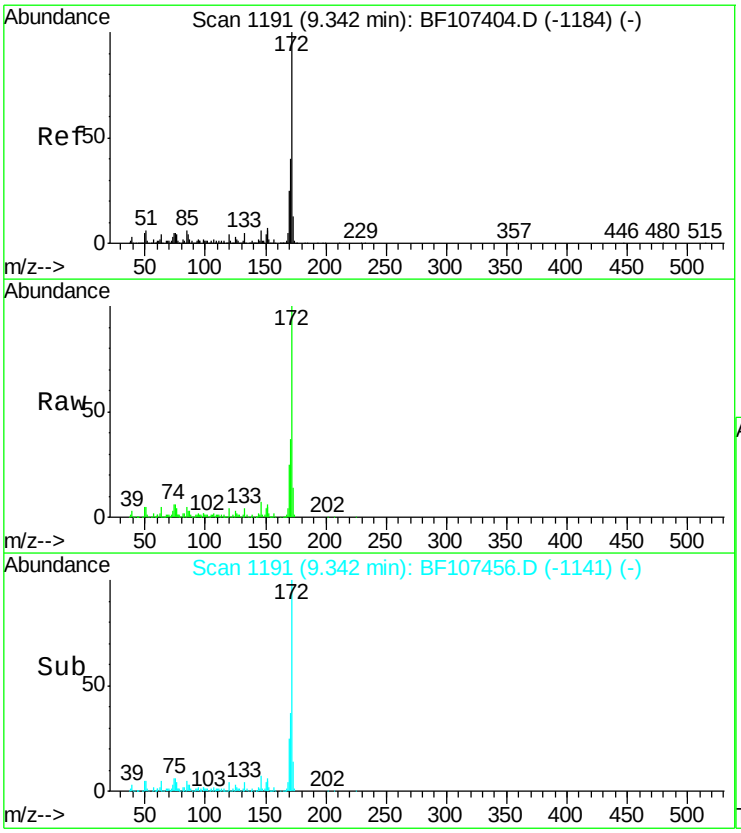
#41
2,4,6-Tribromophenol
Concen: 74.466 ng
RT: 10.82 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Instrument :
BNA_F
ClientSampleId :
MH-1

Tgt Ion:330 Resp: 123630

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	46.9	29.9	44.9#

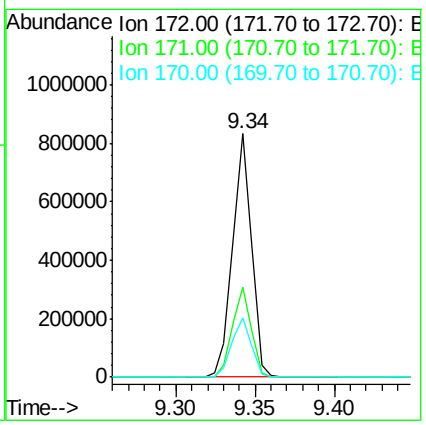


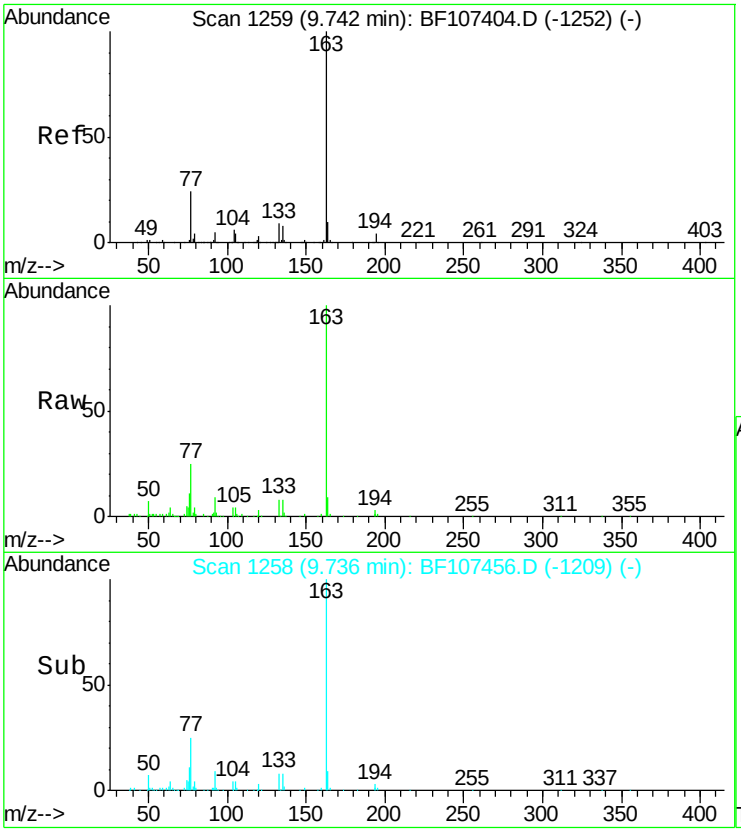


#44
2-Fluorobiphenyl
Concen: 57.863 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Tgt Ion:172 Resp: 694967

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.6	19.6	29.4



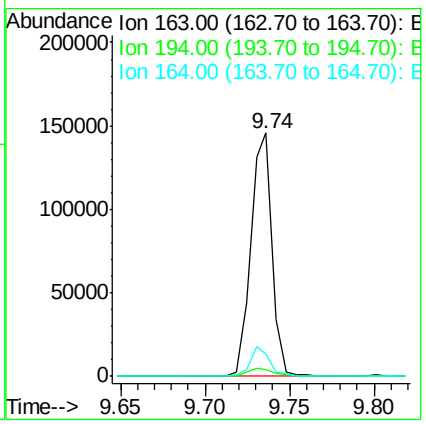


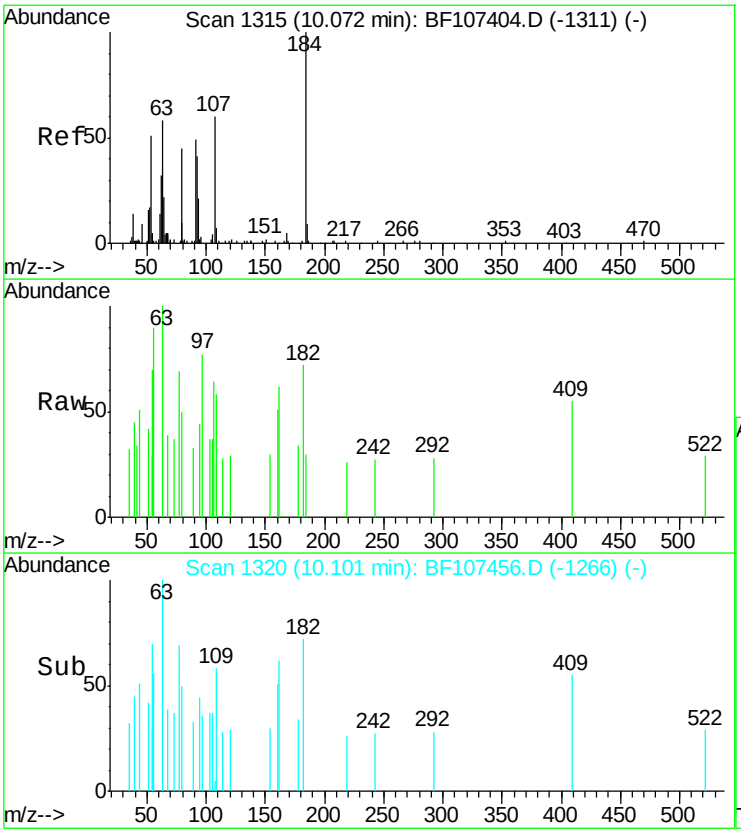
#49
Dimethylphthalate
Concen: 8.576 ng
RT: 9.74 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Instrument :
BNA_F
ClientSampleId :
MH-1

Tgt Ion:163 Resp: 128754

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.7	4.1
164	8.9	8.2	12.2

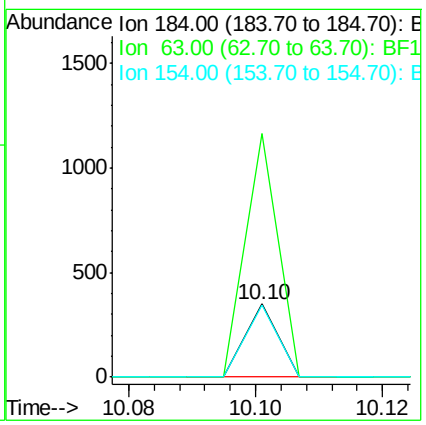


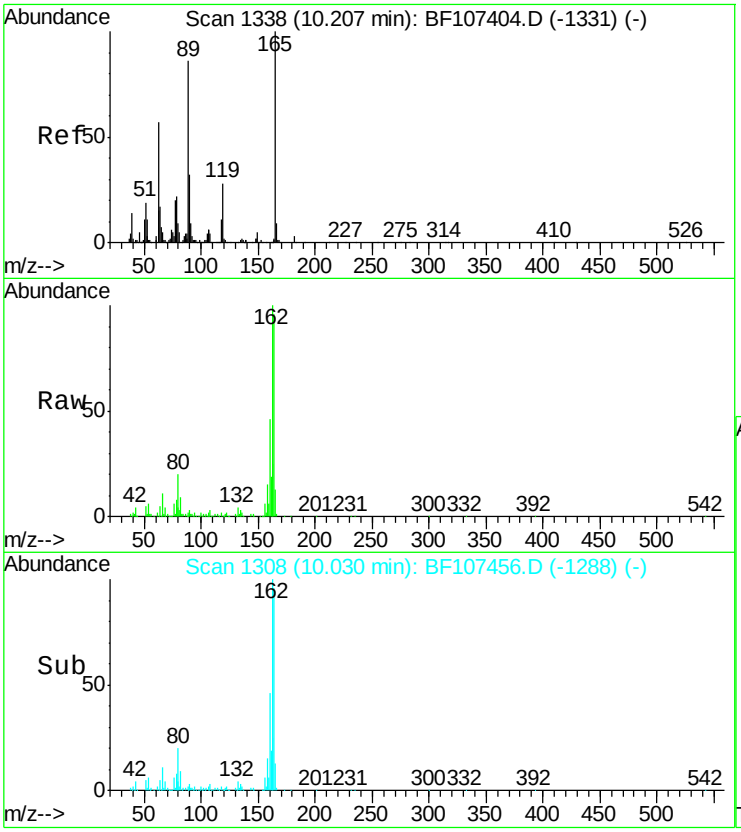


#53
2,4-Dinitrophenol
Concen: 2.427 ng
RT: 10.10 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Tgt Ion:184 Resp: 124

Ion	Ratio	Lower	Upper
184	100		
63	332.9	54.2	81.2#
154	98.6	184.0	276.0#



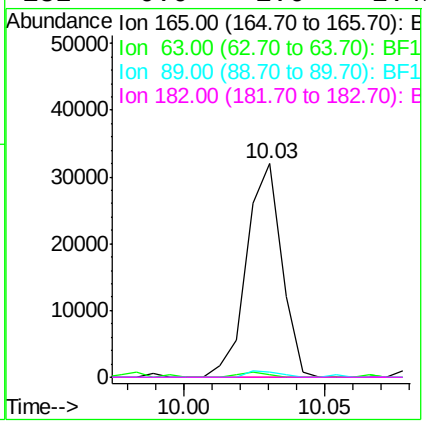


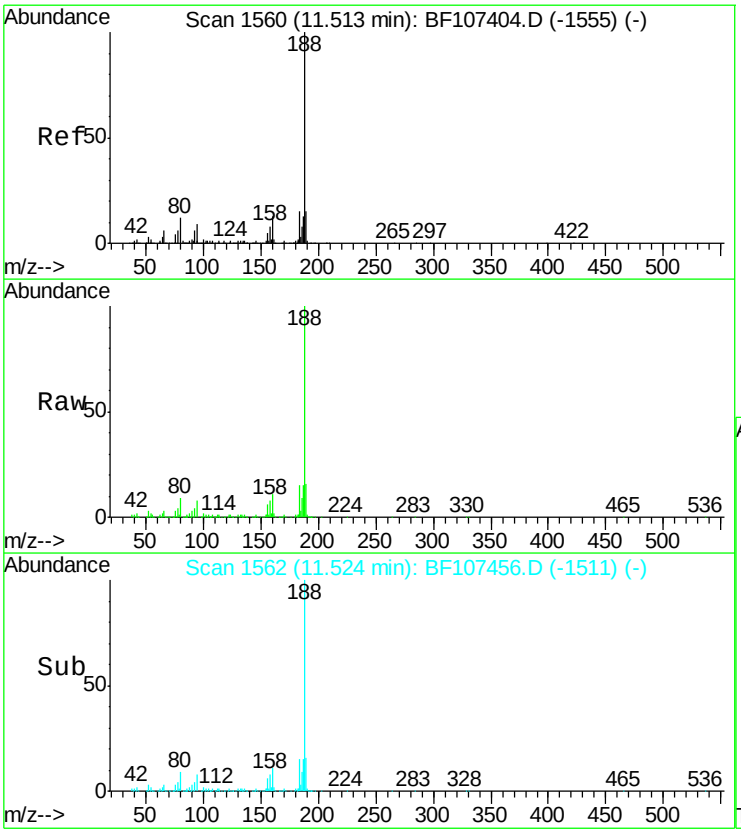
#56
2,4-Dinitrotoluene
Concen: 7.384 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.18 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Instrument :
BNA_F
ClientSampleId :
MH-1

Tgt Ion:165 Resp: 27573

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	2.3	57.8	86.6#
182	0.0	1.6	2.4#

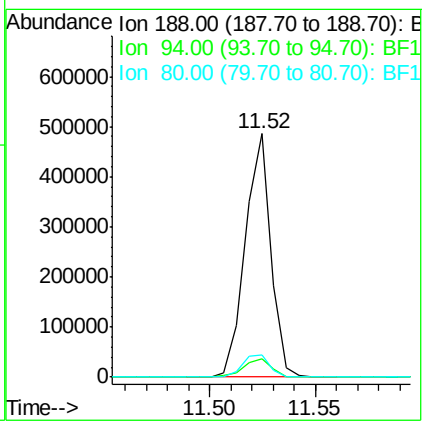


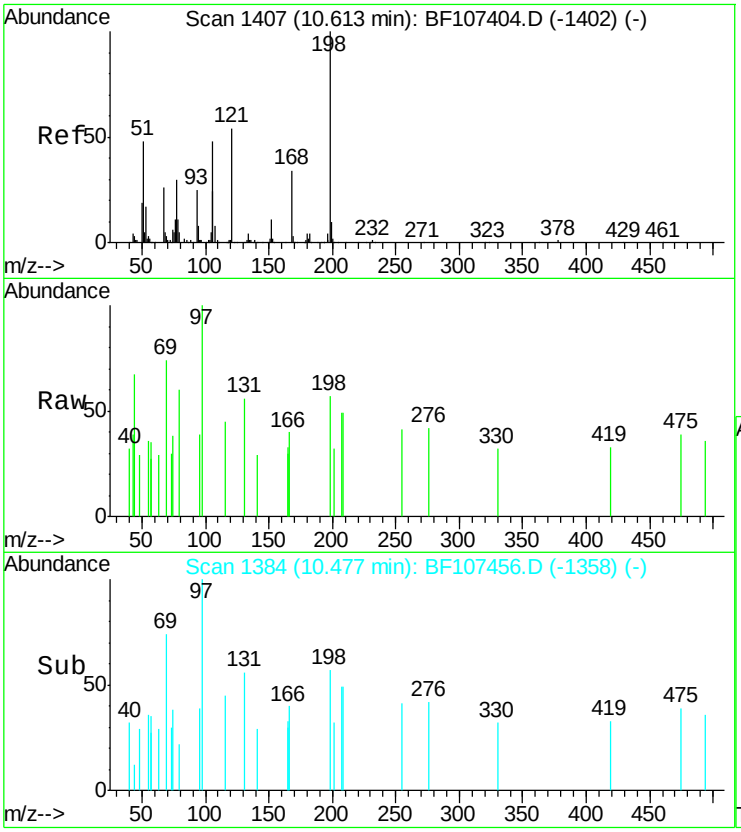


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Tgt Ion:188 Resp: 407777

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	9.1	9.2	13.8#



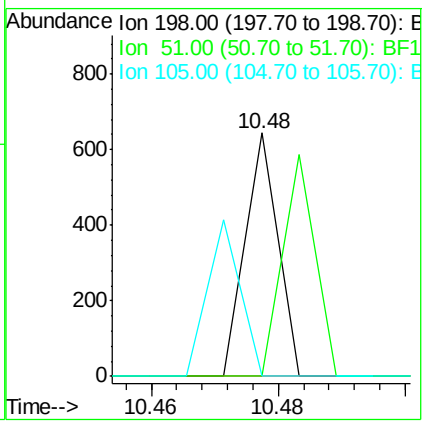


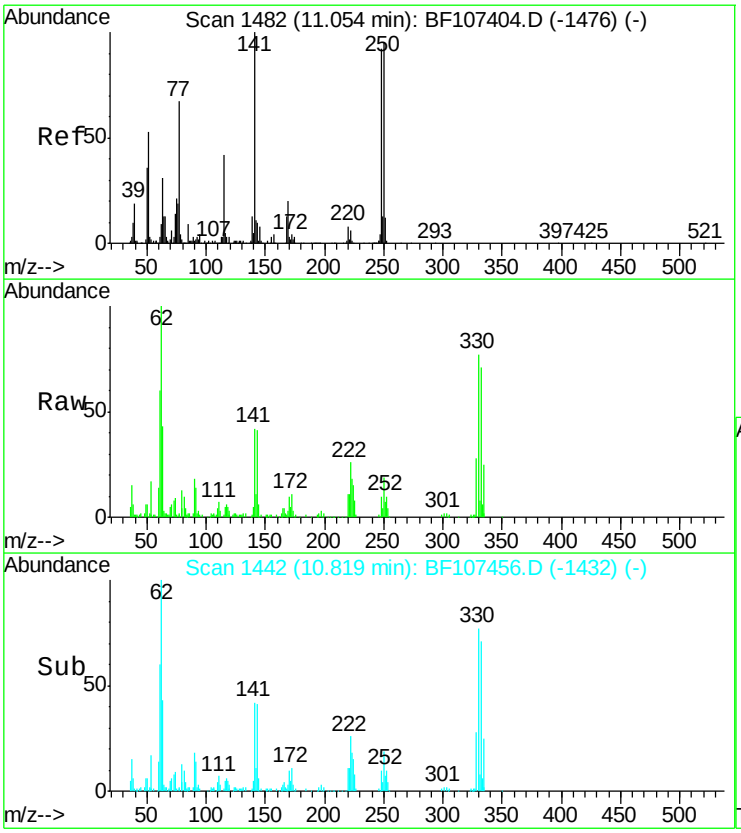
#64
4,6-Dinitro-2-methylphenol
Concen: 7.577 ng
RT: 10.48 min Scan# 1384
Delta R.T. -0.15 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Instrument :
BNA_F
ClientSampleId :
MH-1

Tgt Ion:198 Resp: 227

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

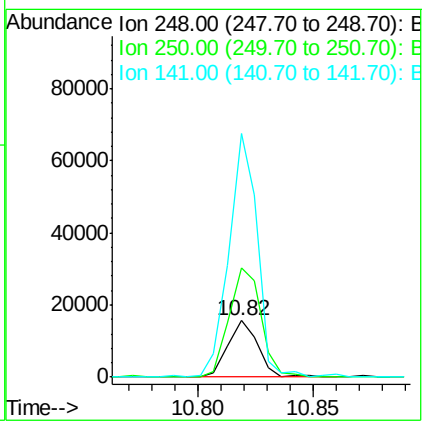


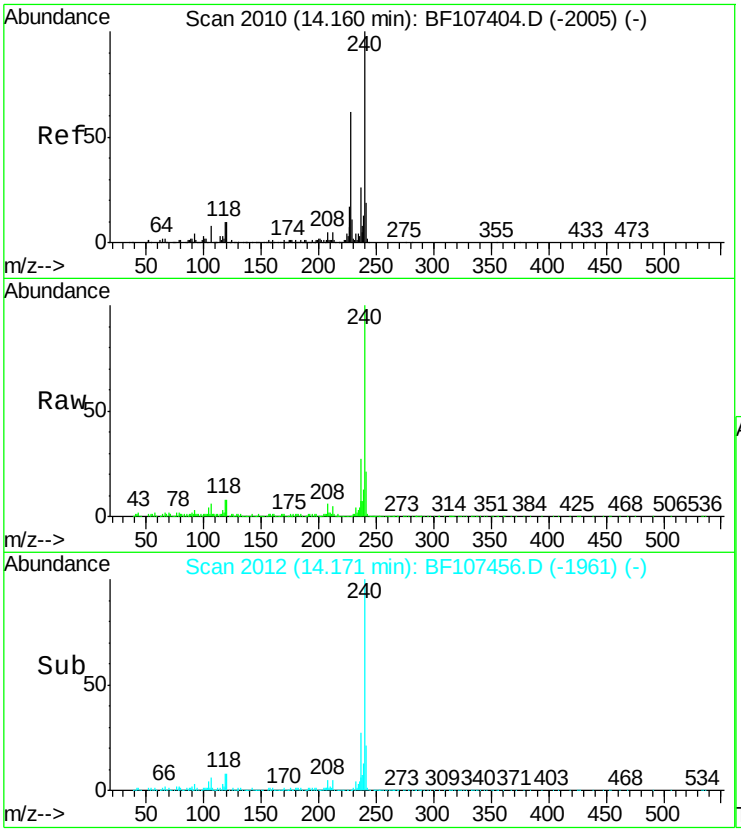


#66
4-Bromophenyl-phenylether
Concen: 3.028 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.24 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Tgt Ion:248 Resp: 14128

Ion	Ratio	Lower	Upper
248	100		
250	193.8	76.9	115.3#
141	430.2	74.4	111.6#



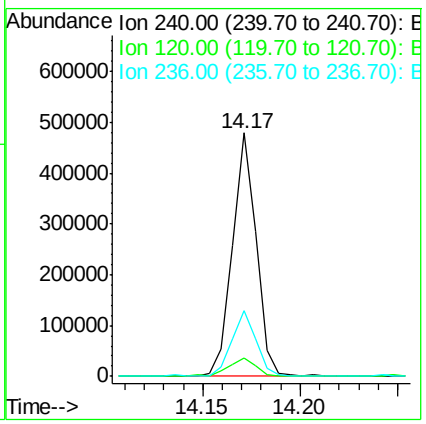


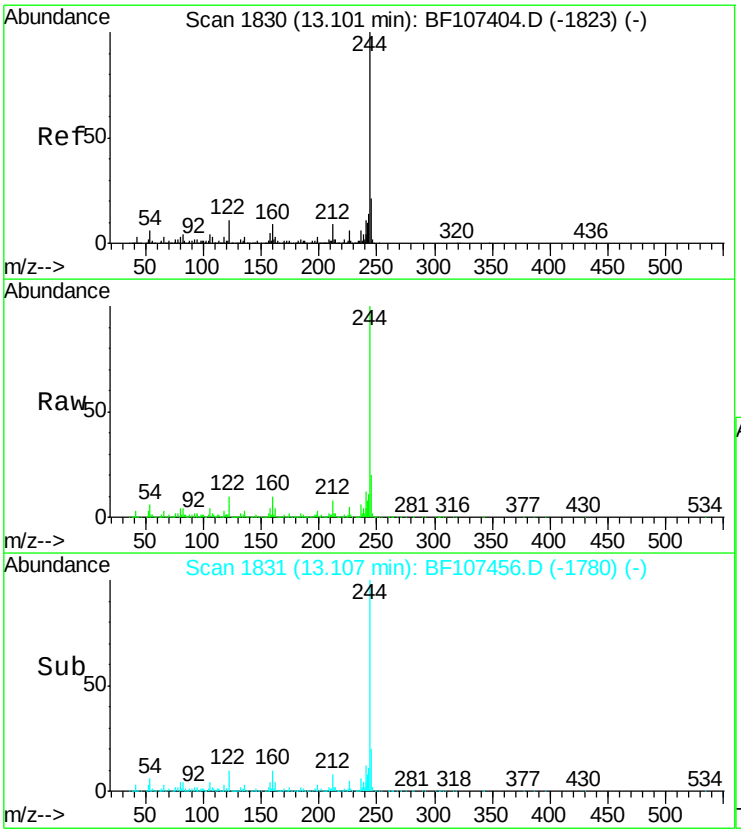
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Instrument :
BNA_F
ClientSampleId :
MH-1

Tgt Ion:240 Resp: 403430

Ion	Ratio	Lower	Upper
240	100		
120	7.6	9.5	14.3#
236	26.9	20.7	31.1

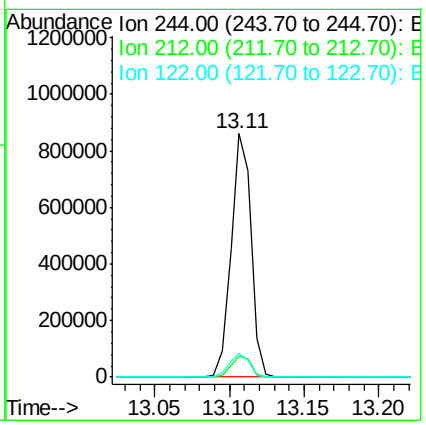


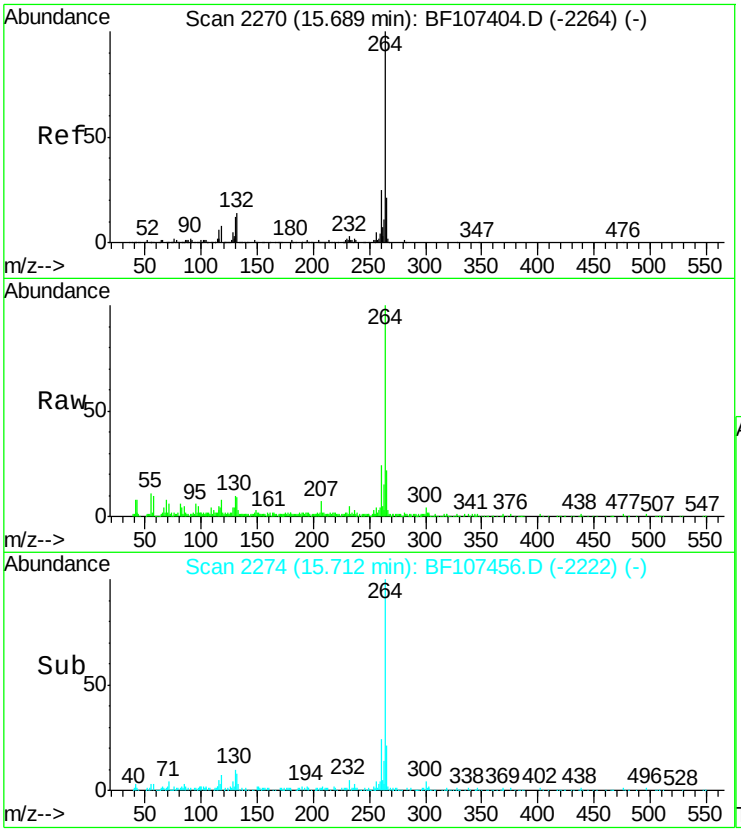


#78
Terphenyl-d14
Concen: 49.949 ng
RT: 13.11 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Tgt Ion:244 Resp: 811037

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.4	8.0#
122	9.6	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: BF107456.D
Acq: 17 Jul 2018 18:20

Instrument :
BNA_F
ClientSampleId :
MH-1

Tgt Ion:264 Resp: 212685

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.5	26.3