Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108410.D
Acq On : 23 Aug 2018 5:20
Operator : JU/SJ
Sample : J4525-11
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 23 08:00:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	149151	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	540960	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	249195	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	410954	20.00	ng	0.00
75) Chrysene-d12	14.19	240	284914	20.00	ng	0.00
86) Perylene-d12	15.75	264	235359	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	364618	44.26	ng	0.00
7) Phenol-d6	6.61	99	307468	28.09	ng	-0.02
23) Nitrobenzene-d5	7.57	82	1005769	103.75	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	188668	75.90	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1798694	115.88	ng	0.00
78) Terphenyl-d14	13.13	244	1273484	113.65	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.77	77	17605	2.074	ng	# 74
19) n-Nitroso-di-n-propylamine	7.57	70	137221	18.536	ng	# 82
25) Isophorone	7.57	82	1005753	54.430	ng	# 64
49) Dimethylphthalate	9.75	163	48776	2.810	ng	98
50) 2,6-Dinitrotoluene	10.04	165	31303	8.619	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	31303	6.696	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	432	5.607	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	12552	2.811	ng	# 1

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

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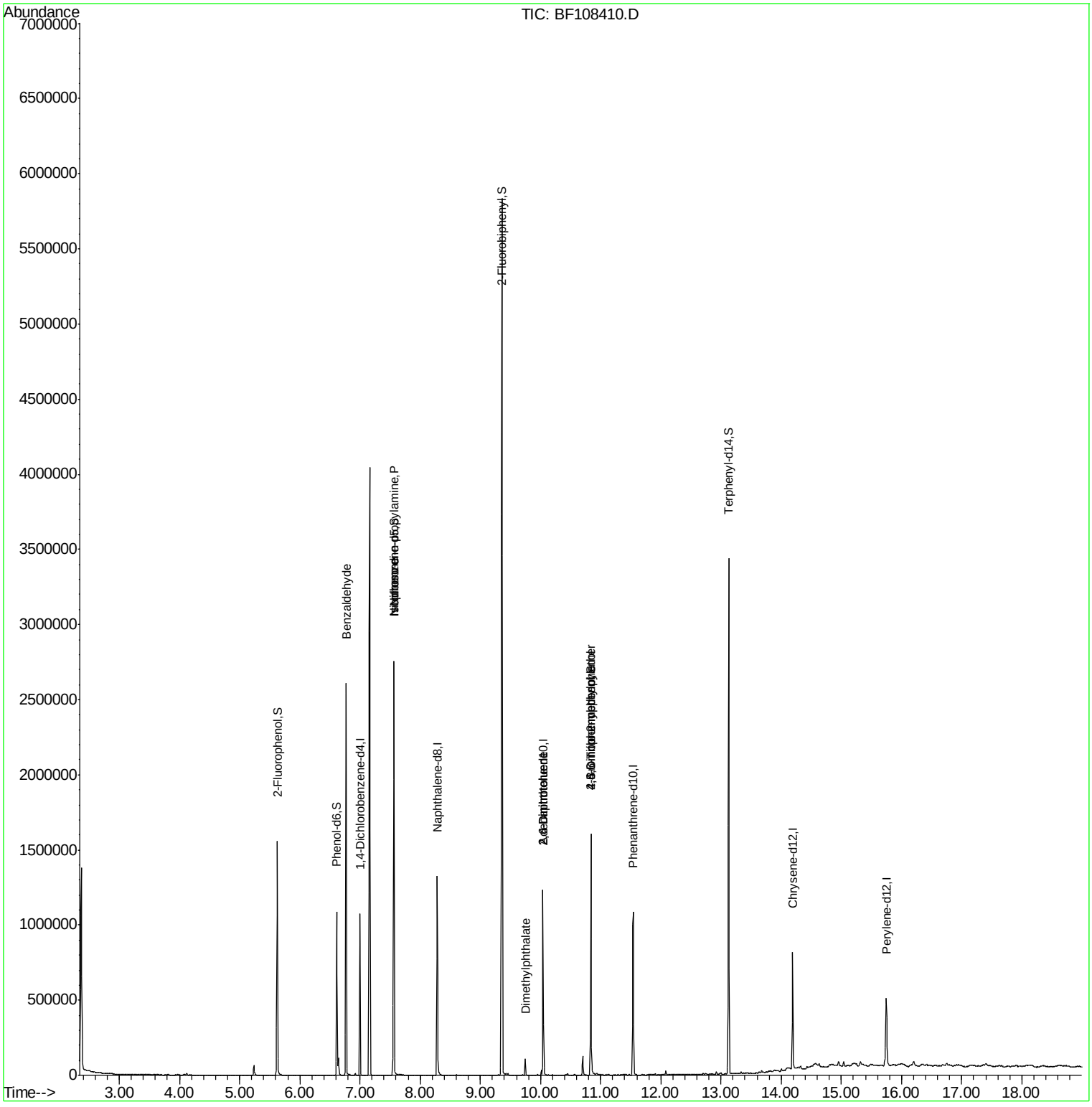
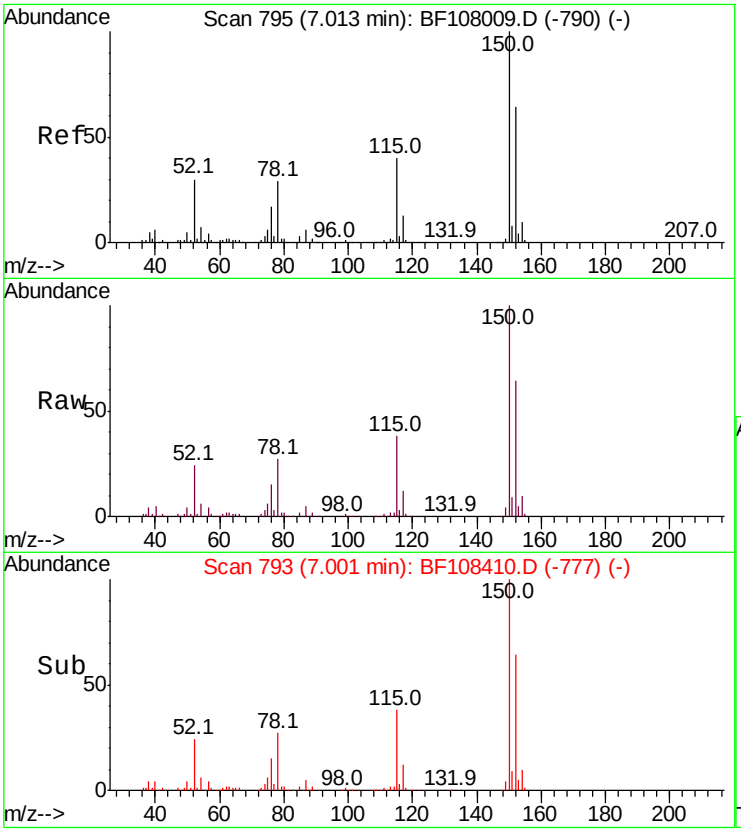


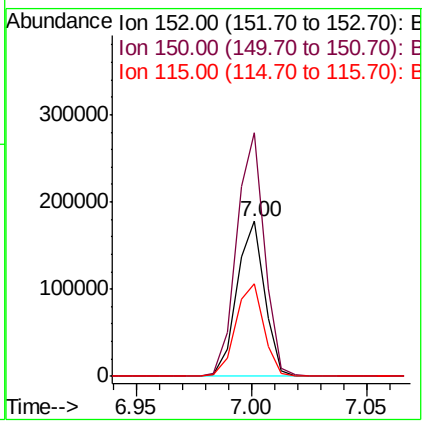


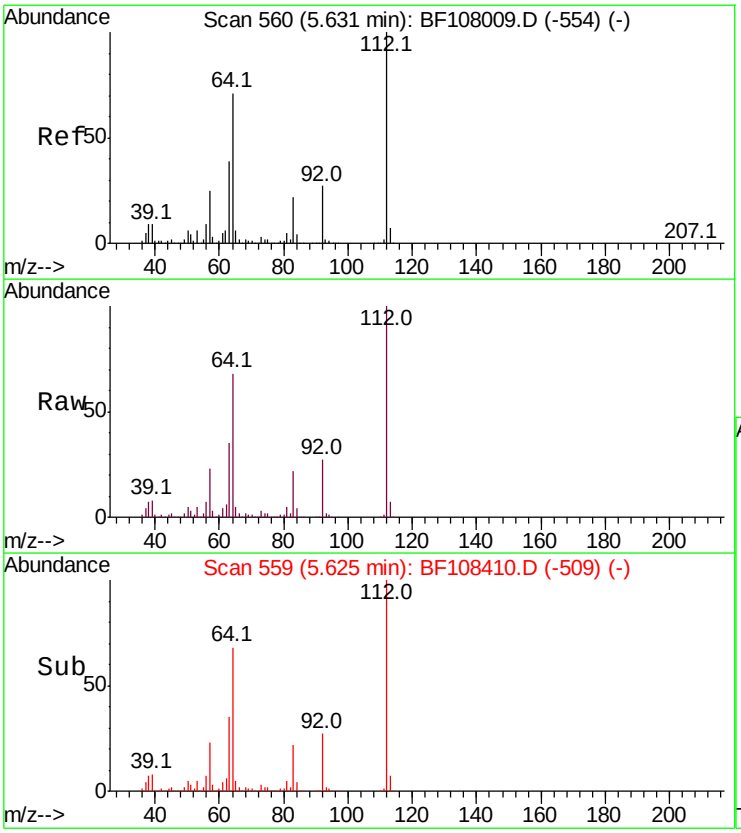
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 149151

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	60.0	50.1	75.1

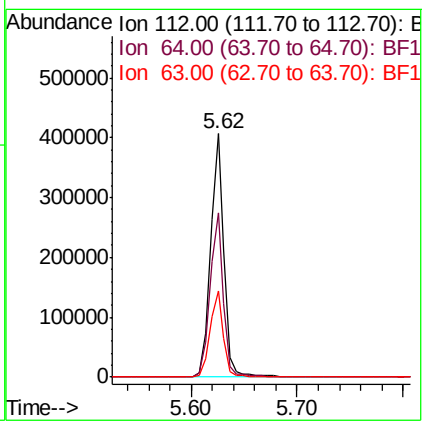


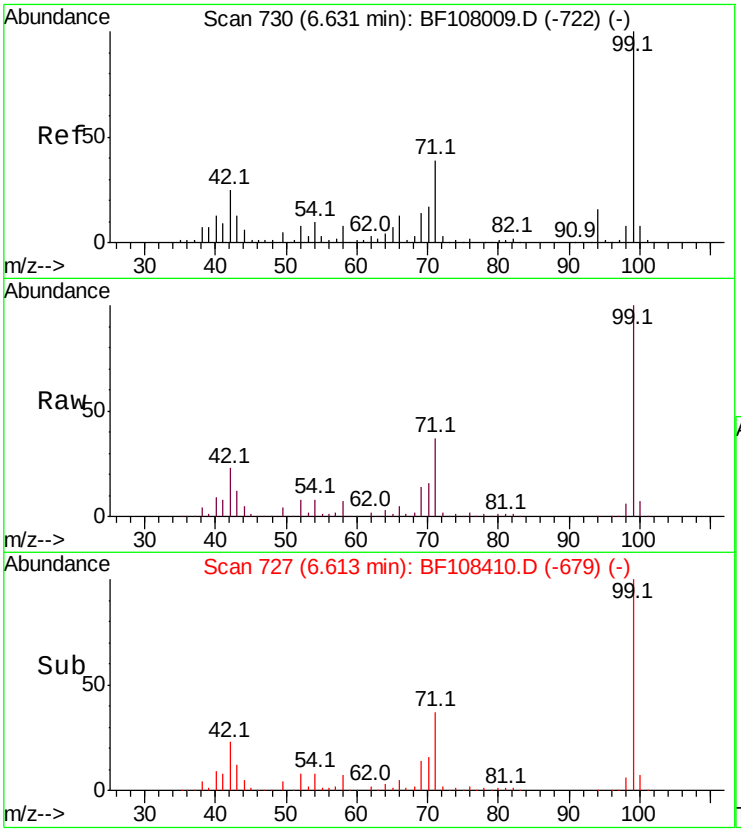


#5
2-Fluorophenol
Concen: 44.259 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Tgt Ion:112 Resp: 364618

Ion	Ratio	Lower	Upper
112	100		
64	67.6	47.9	71.9
63	35.2	23.7	35.5



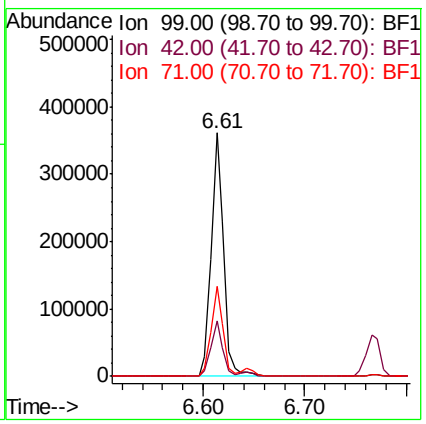


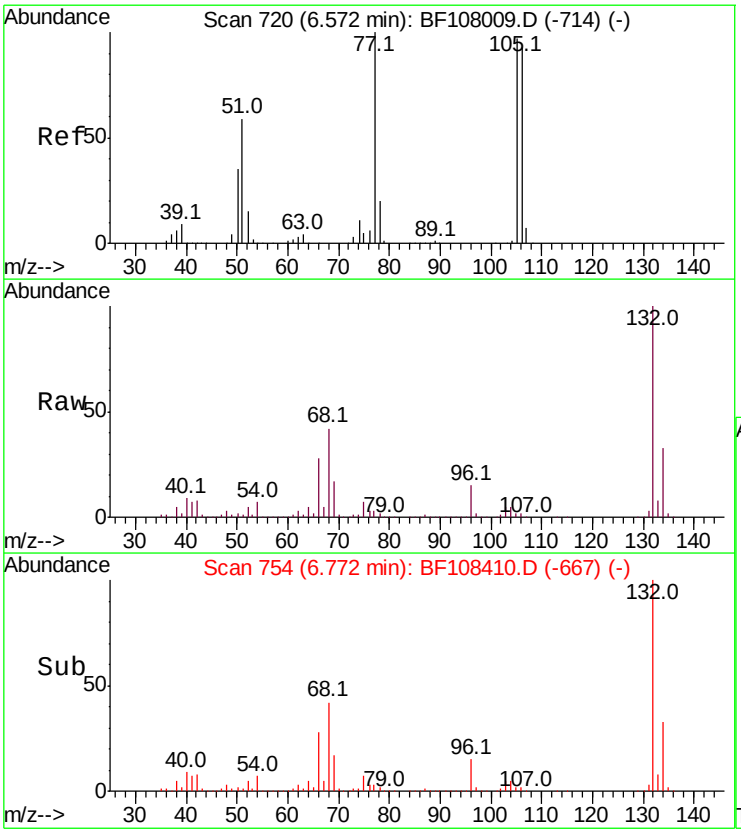
#7
Phenol-d6
Concen: 28.085 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 307468

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.5	21.7#
71	37.2	25.4	38.0

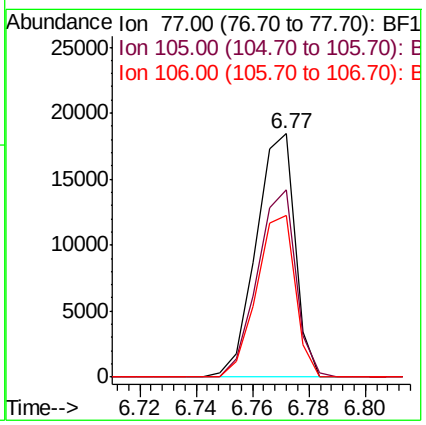


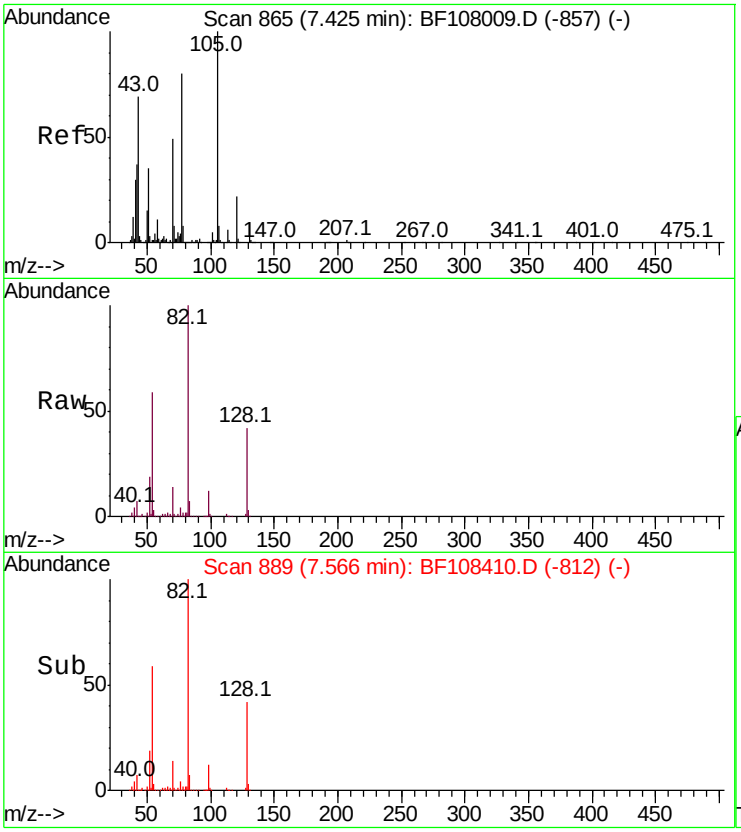


#9
Benzaldehyde
Concen: 2.074 ng
RT: 6.77 min Scan# 754
Delta R.T. 0.21 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Tgt Ion: 77 Resp: 17605

Ion	Ratio	Lower	Upper
77	100		
105	76.9	81.1	121.1#
106	66.5	74.5	114.5#



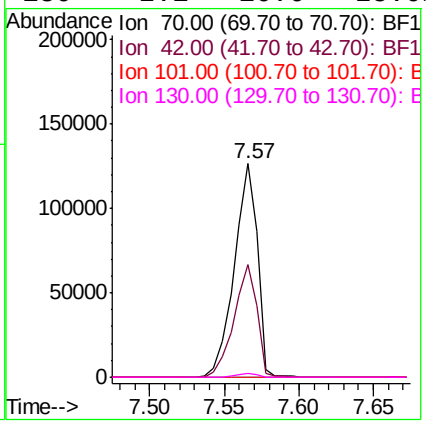


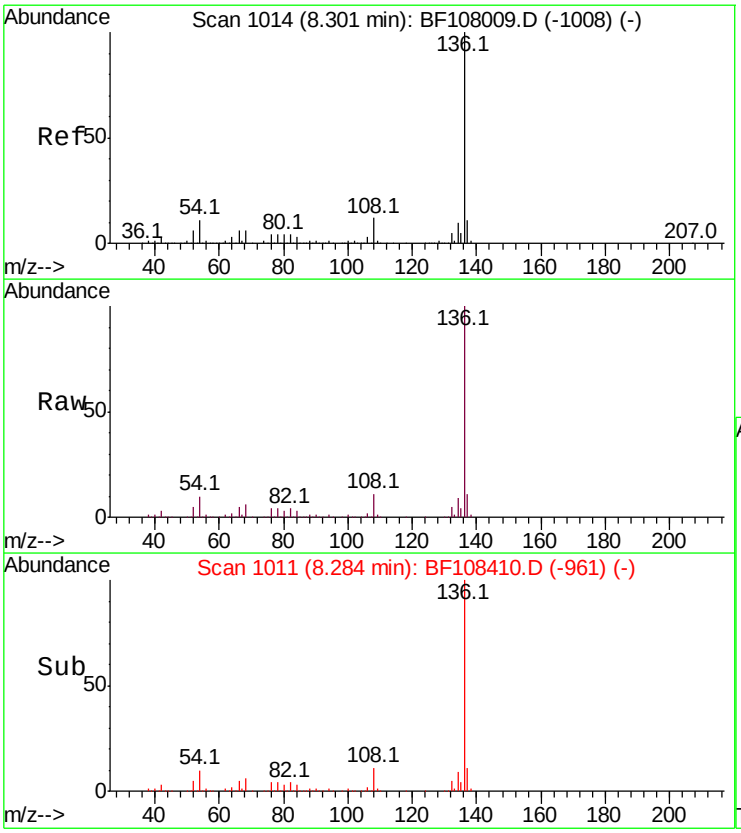
#19
n-Nitroso-di-n-propylamine
Concen: 18.536 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 137221

Ion	Ratio	Lower	Upper
70	100		
42	52.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

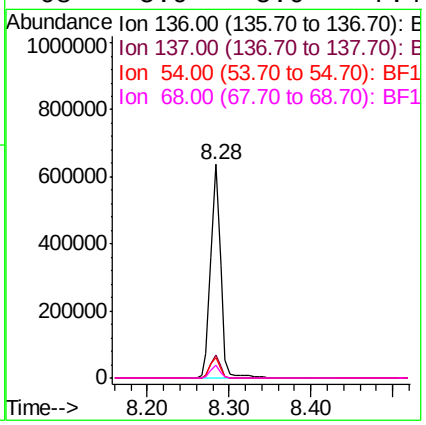


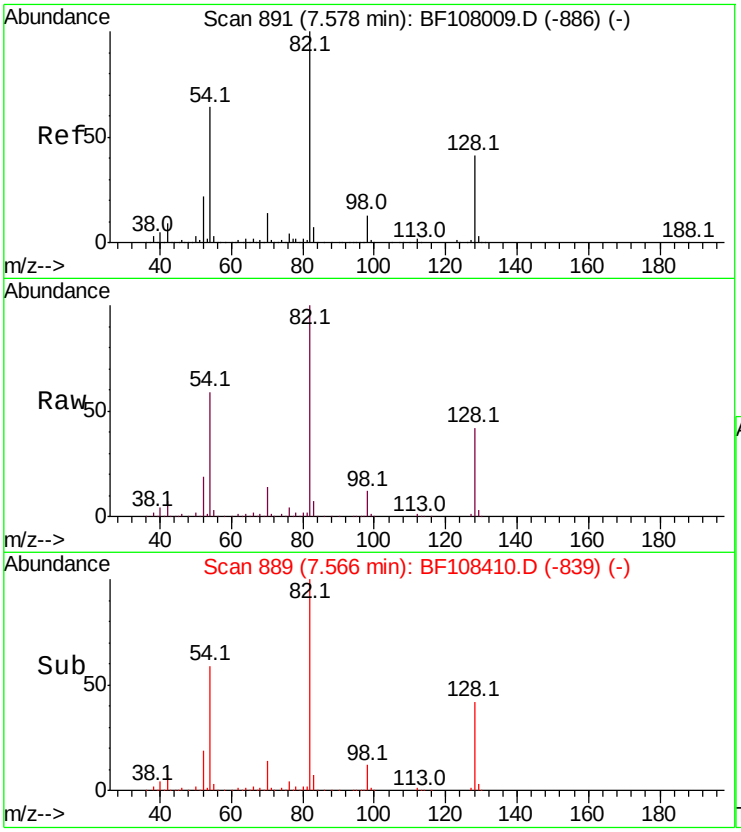


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Tgt Ion:136 Resp: 540960

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.7	6.6	9.8
68	5.9	5.0	7.4



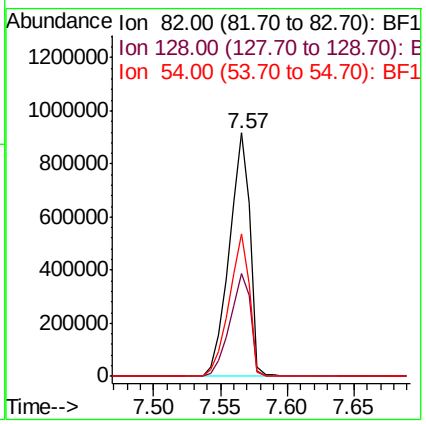


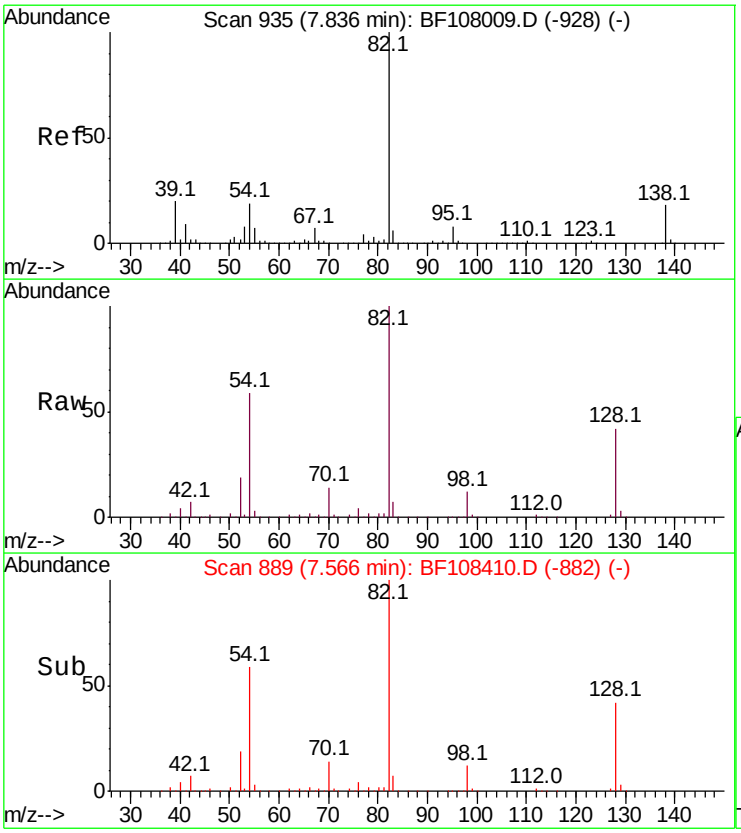
#23
Nitrobenzene-d5
Concen: 103.748 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1005769

Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	58.6	41.4	62.2

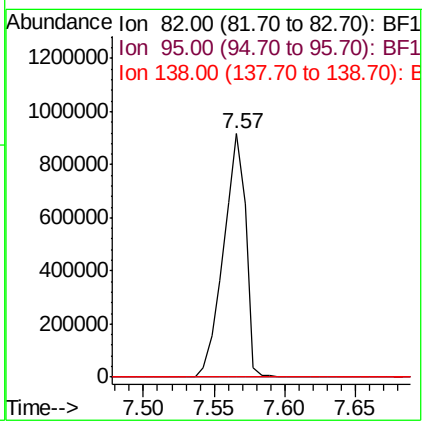


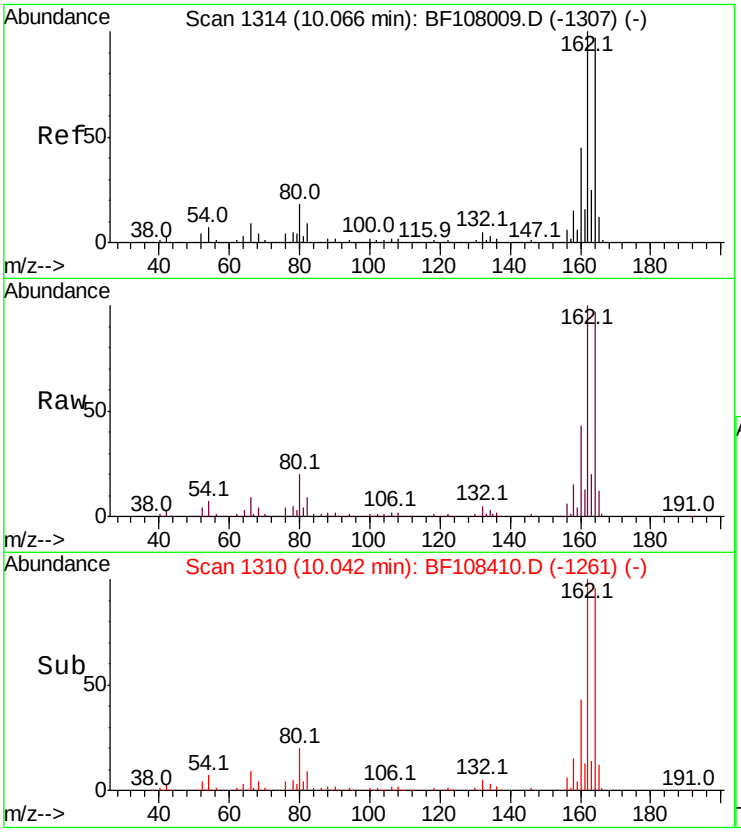


#25
Isophorone
Concen: 54.430 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Tgt Ion: 82 Resp: 1005753

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



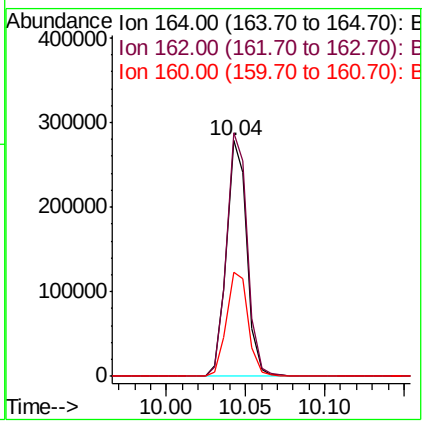


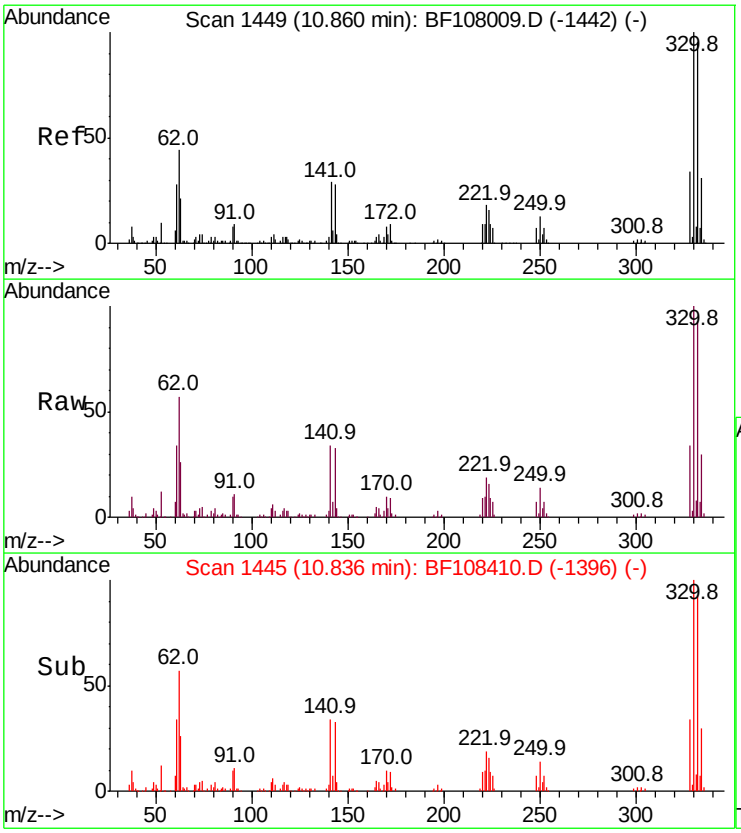
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 249195

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	44.4	38.3	57.5

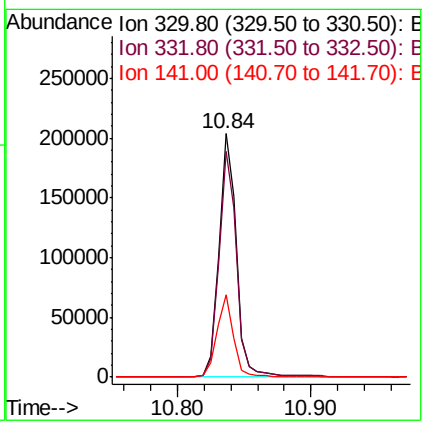


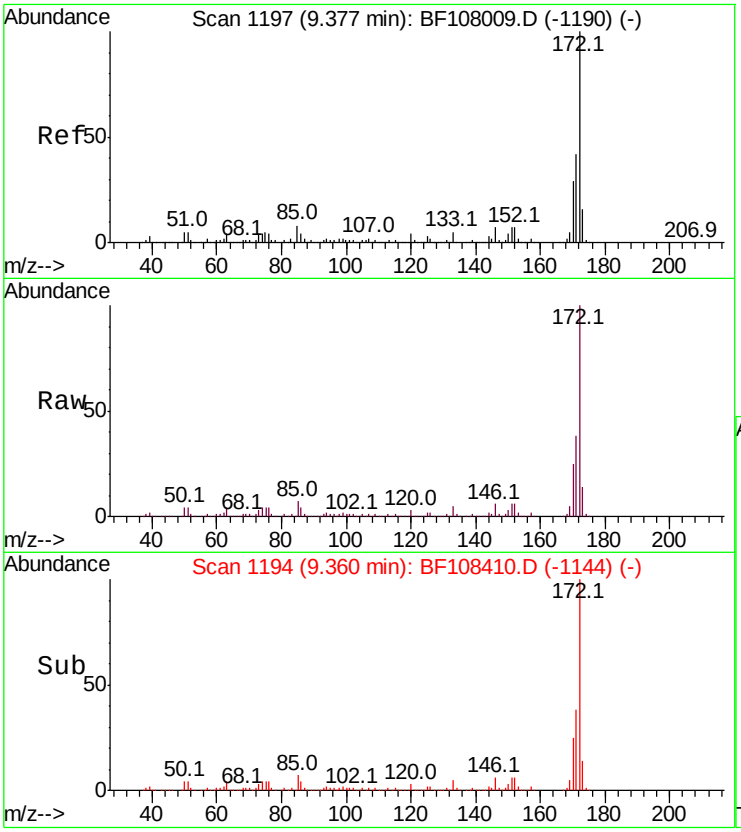


#41
2,4,6-Tribromophenol
Concen: 75.903 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Tgt Ion:330 Resp: 188668

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	32.2	29.9	44.9



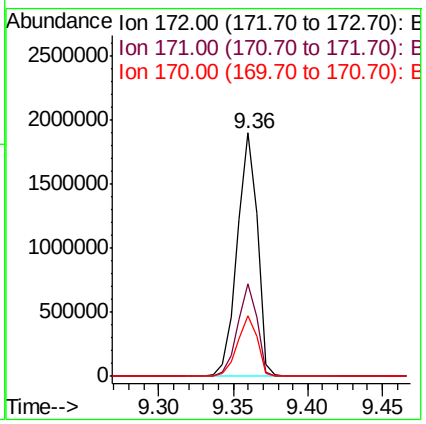


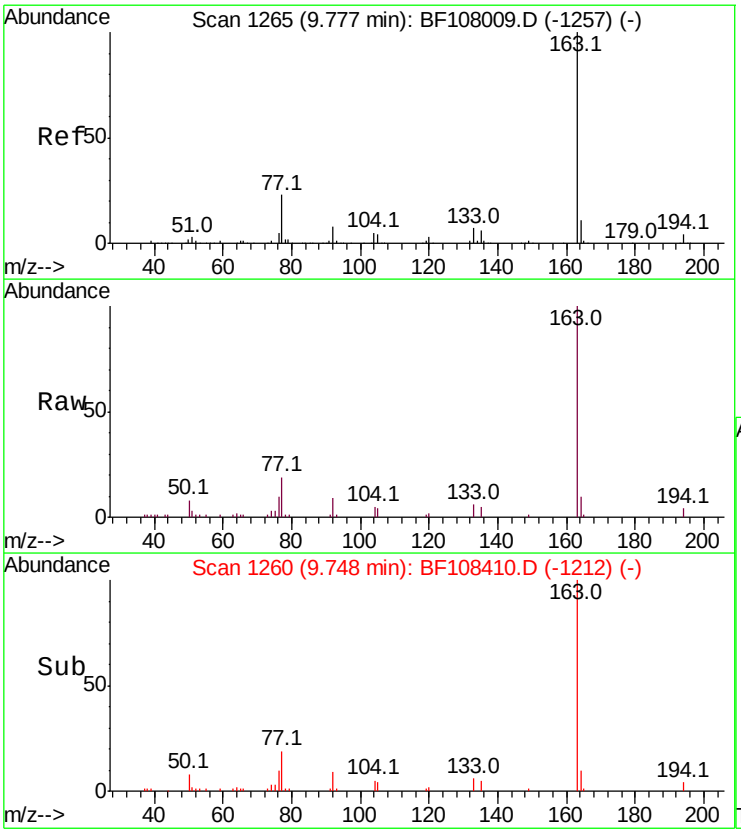
#44
2-Fluorobiphenyl
Concen: 115.883 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1798694

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	25.1	19.6	29.4

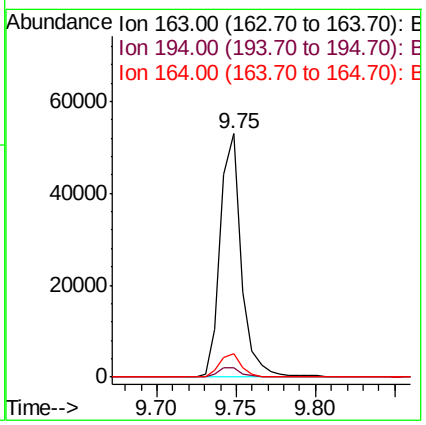


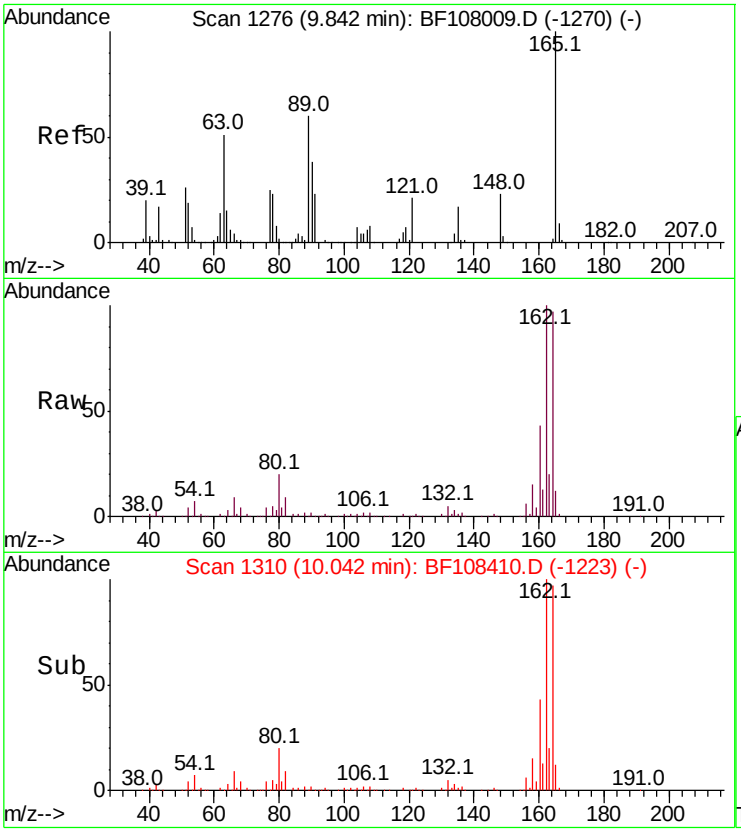


#49
Dimethylphthalate
Concen: 2.810 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Tgt Ion:163 Resp: 48776

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.5	8.2	12.2



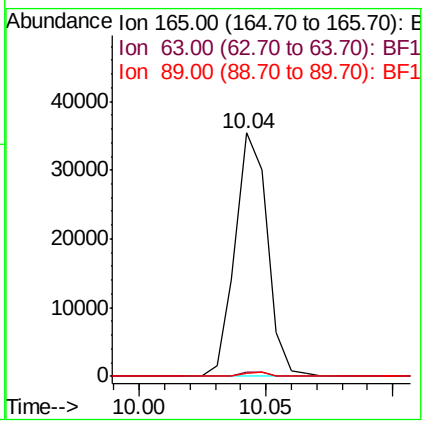


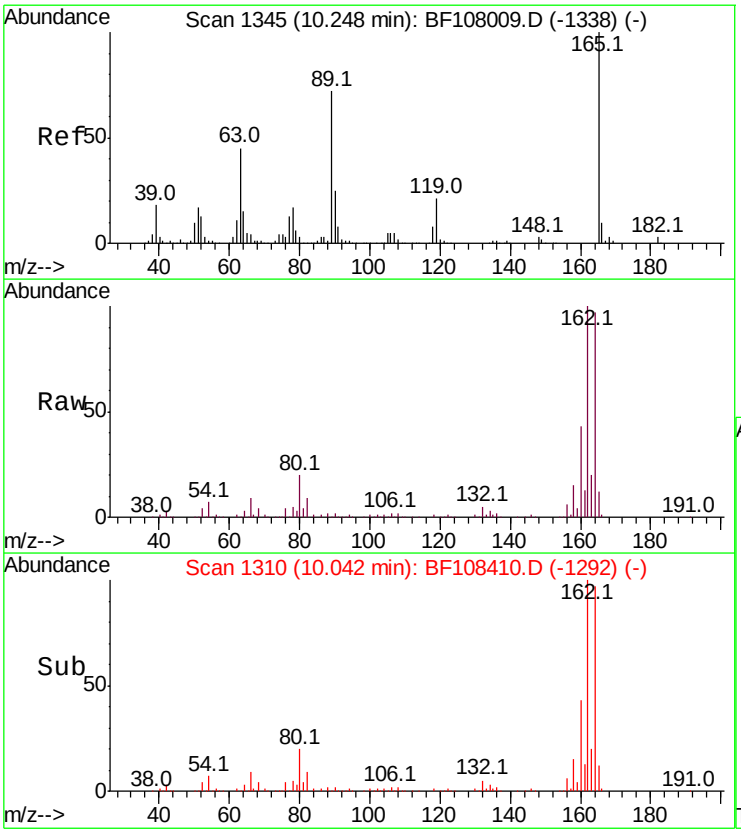
#50
2,6-Dinitrotoluene
Concen: 8.619 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31303

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.1	44.0	66.0#

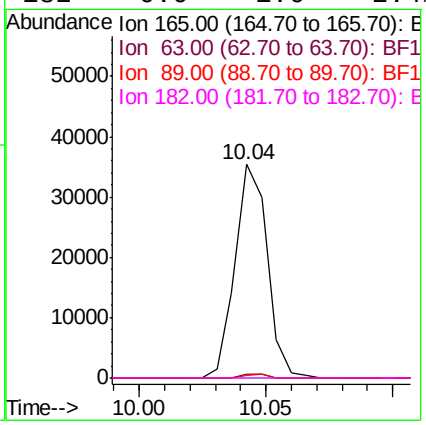


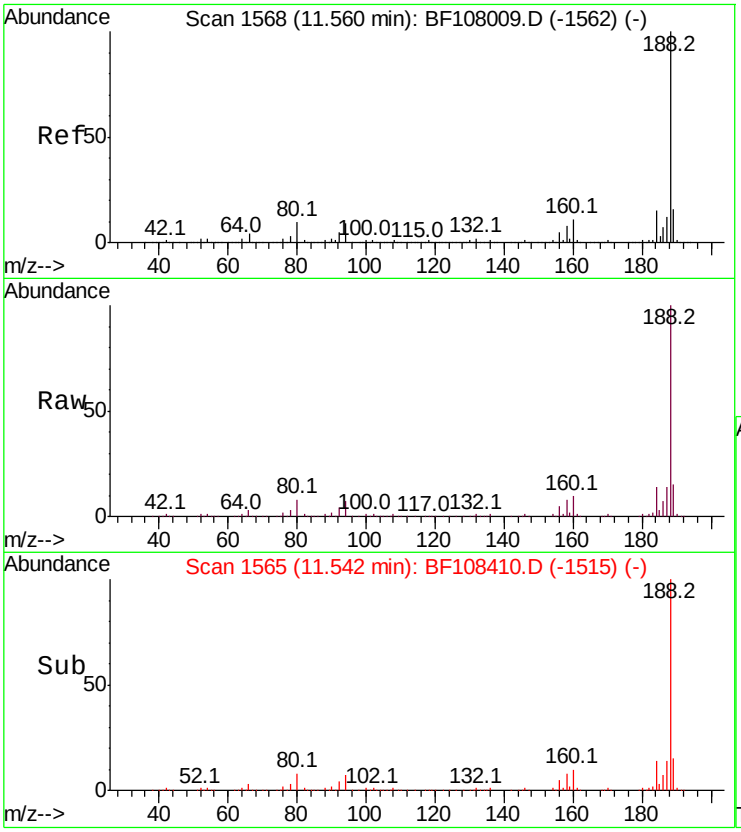


#56
2,4-Dinitrotoluene
Concen: 6.696 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Tgt Ion:165 Resp: 31303

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



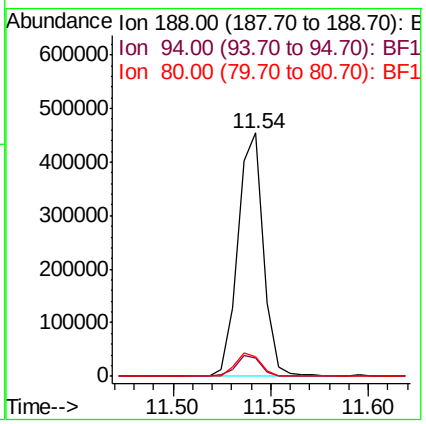


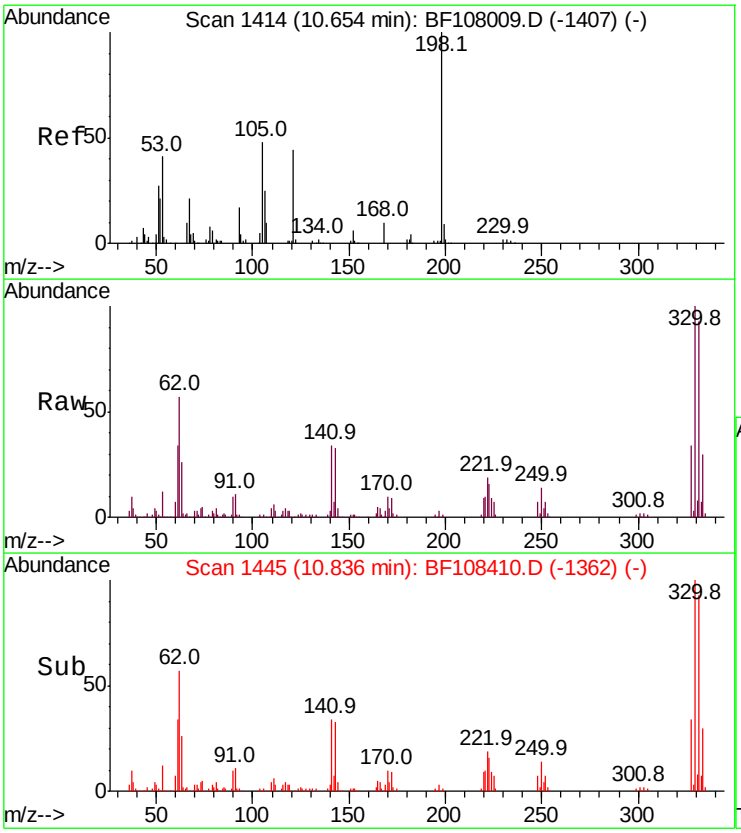
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 410954

Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.5	12.7#
80	7.9	9.2	13.8#

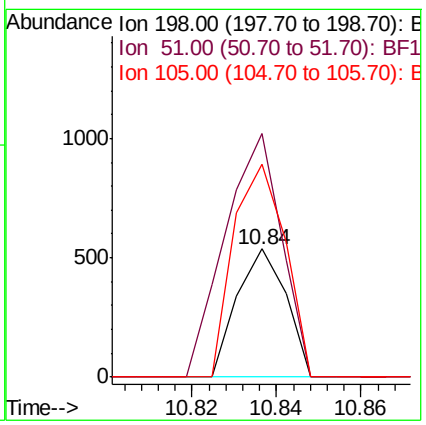


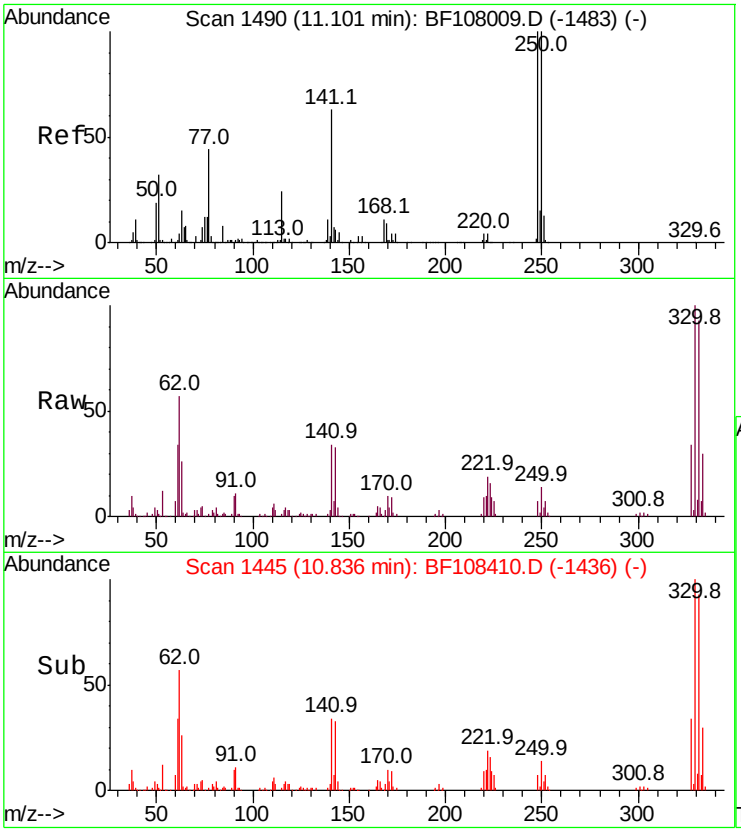


#64
4,6-Dinitro-2-methylphenol
Concen: 5.607 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Tgt Ion:198 Resp: 432

Ion	Ratio	Lower	Upper
198	100		
51	190.1	37.7	77.7#
105	166.3	36.3	76.3#



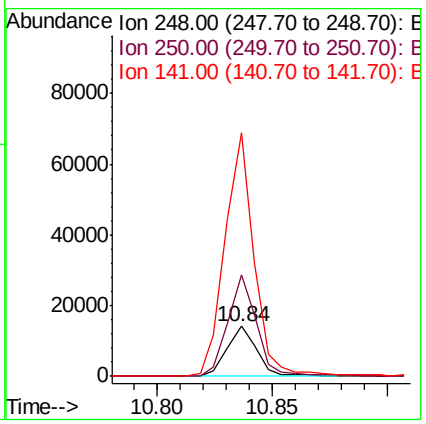


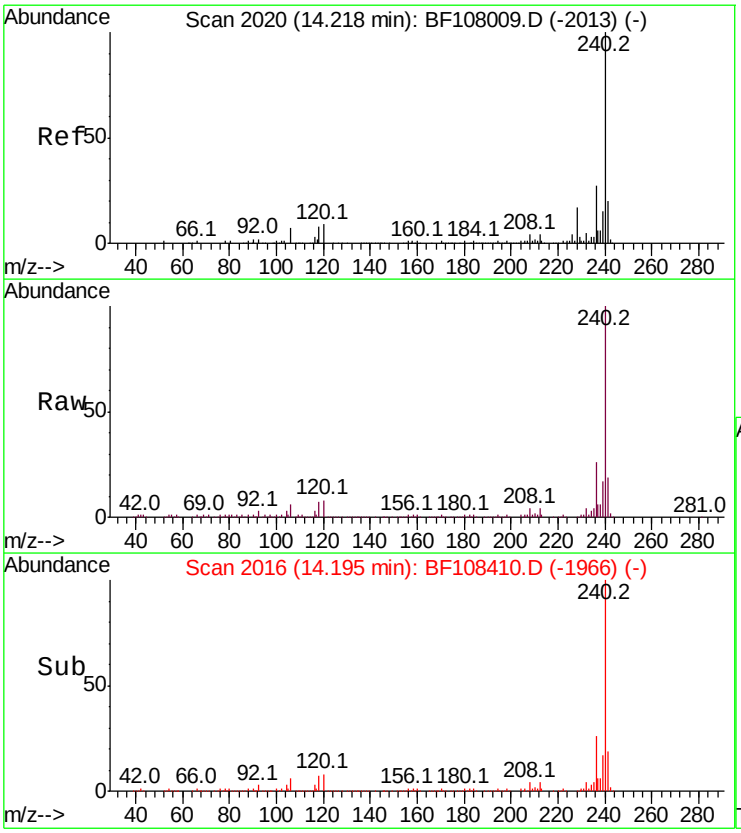
#66
4-Bromophenyl-phenylether
Concen: 2.811 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12552

Ion	Ratio	Lower	Upper
248	100		
250	202.1	76.9	115.3#
141	487.4	74.4	111.6#

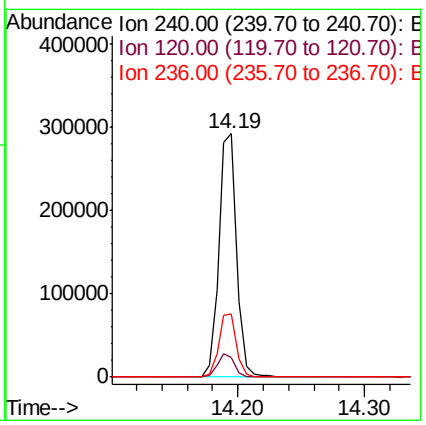


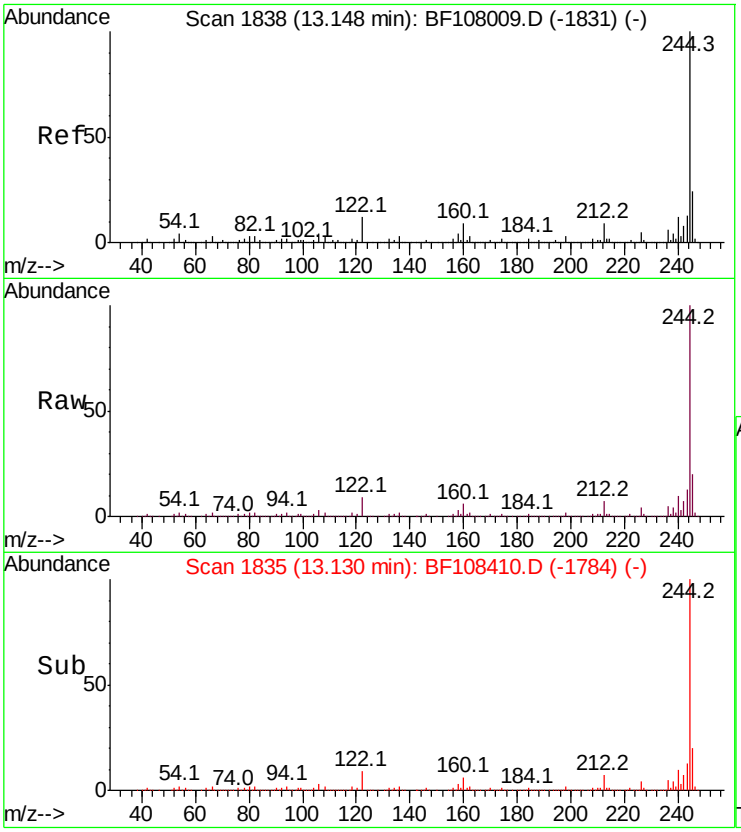


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Tgt Ion:240 Resp: 284914

Ion	Ratio	Lower	Upper
240	100		
120	8.2	9.5	14.3#
236	25.9	20.7	31.1



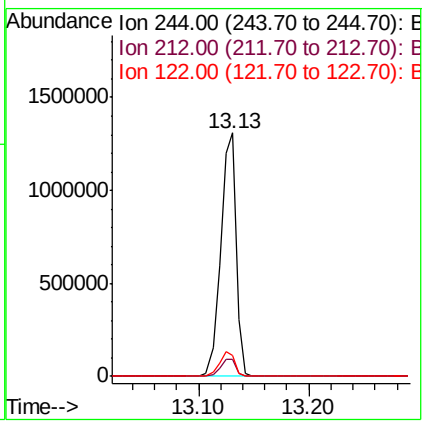


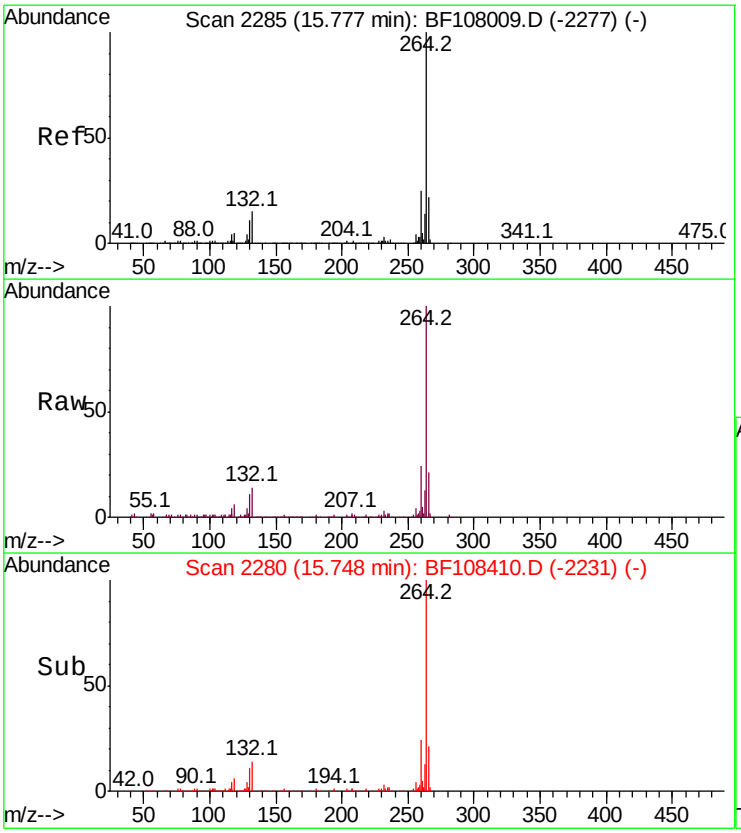
#78
Terphenyl-d14
Concen: 113.646 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1273484

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	8.6	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108410.D
Acq: 23 Aug 2018 5:20

Tgt Ion:264 Resp: 235359

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.0	17.5	26.3