Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109946.D
Acq On : 18 Oct 2018 3:04
Operator : JU/SJ
Sample : J5543-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 18 10:44:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	194059	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	751877	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	305007	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	468522	20.00	ng	0.00
76) Chrysene-d12	14.15	240	443399	20.00	ng	-0.01
87) Perylene-d12	15.68	264	436177	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	445797	36.41	ng	-0.01
7) Phenol-d6	6.58	99	327919	21.57	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1096143	98.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.80	330	209437	79.31	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1936176	101.29	ng	0.00
79) Terphenyl-d14	13.09	244	1321300	62.58	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.59	94	52068	3.172	ng	# 63
19) n-Nitroso-di-n-propylamine	7.54	70	145902	14.948	ng	# 79
25) Isophorone	7.54	82	1096135	49.981	ng	# 67
50) Dimethylphthalate	9.72	163	54473	2.522	ng	98
51) 2,6-Dinitrotoluene	10.02	165	38070	9.281	ng	# 23
57) 2,4-Dinitrotoluene	10.02	165	38070	11.228	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	452	8.127	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	13569	2.672	ng	# 1

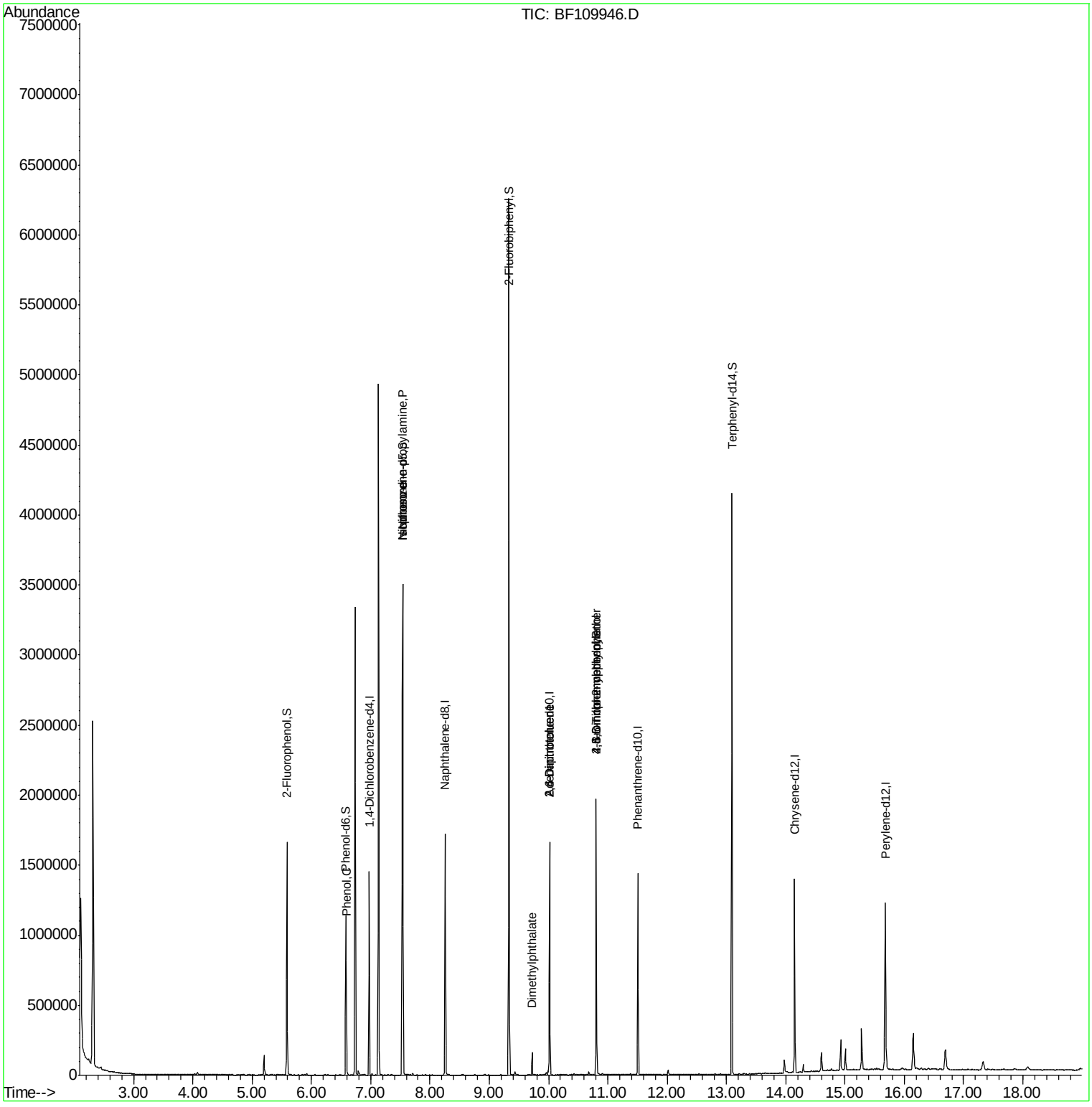
(#) = qualifier out of range (m) = manual integration (+) = signals summed

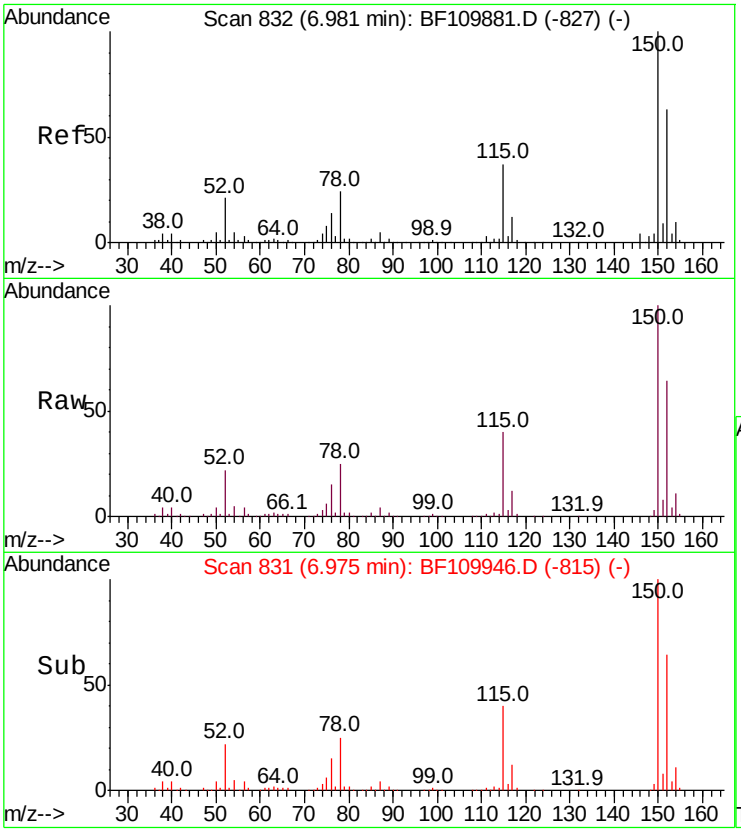
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109946.D
Acq On : 18 Oct 2018 3:04
Operator : JU/SJ
Sample : J5543-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 18 10:44:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



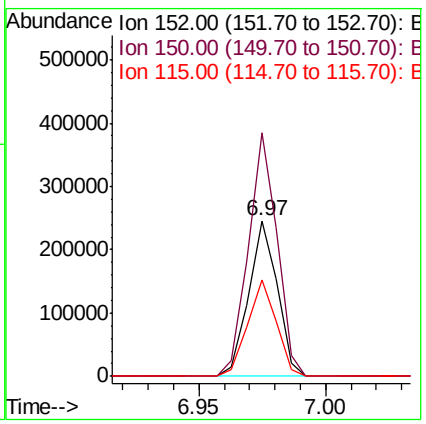


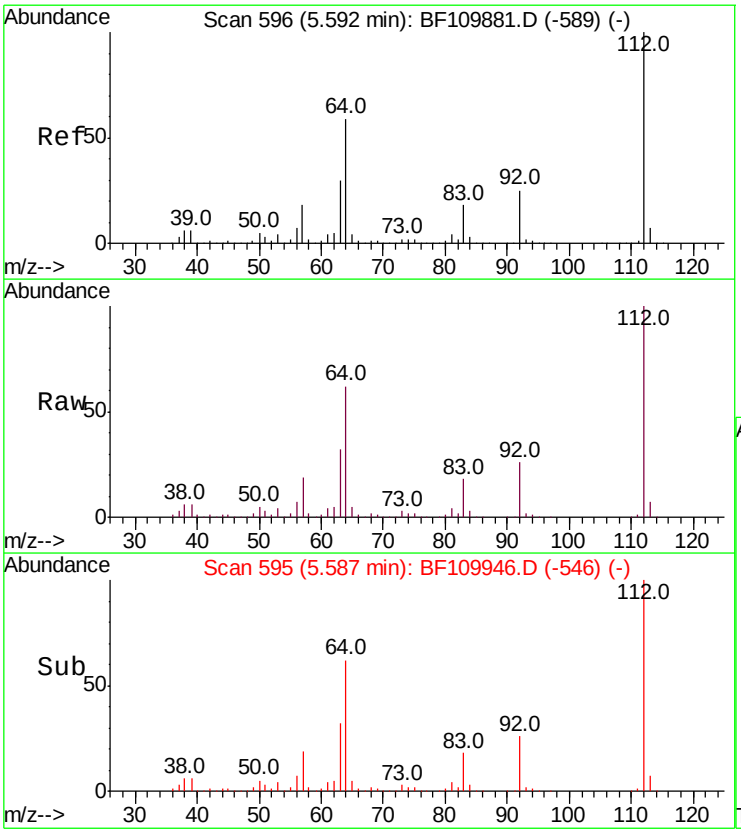
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 194059

Ion	Ratio	Lower	Upper
152	100		
150	156.3	122.7	184.1
115	62.1	49.1	73.7

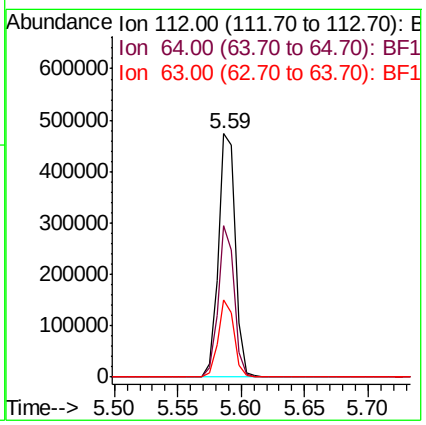


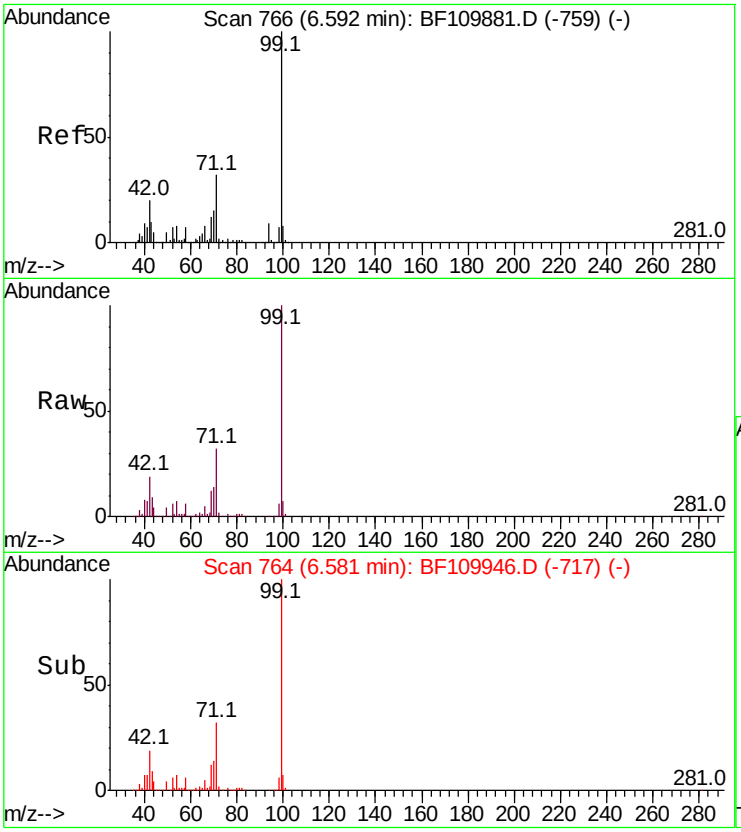


#5
2-Fluorophenol
Concen: 36.414 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Tgt Ion:112 Resp: 445797

Ion	Ratio	Lower	Upper
112	100		
64	62.2	44.1	66.1
63	31.7	23.7	35.5



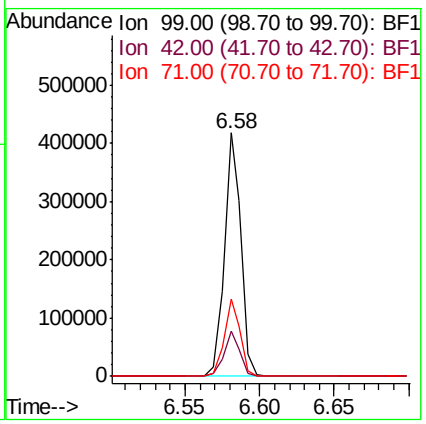


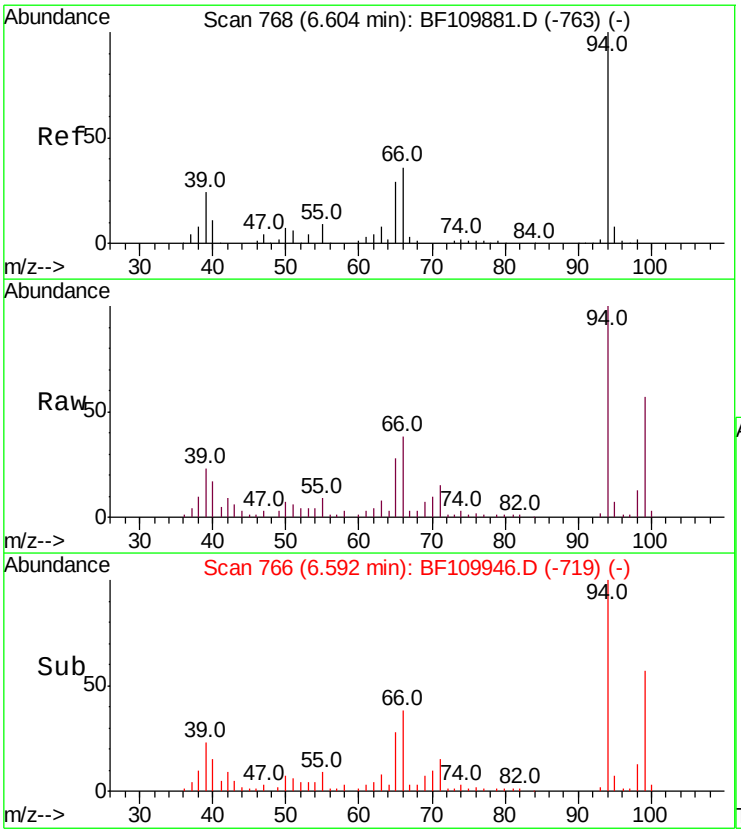
#7
Phenol-d6
Concen: 21.571 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 327919

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.8	23.6
71	31.8	28.0	42.0

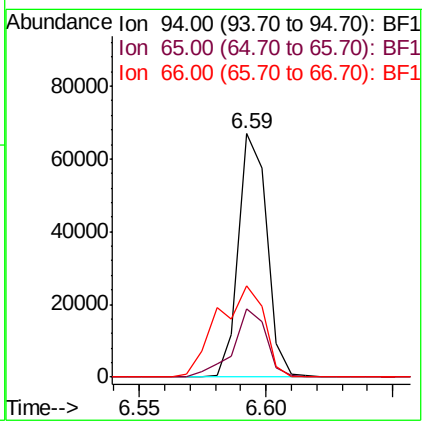


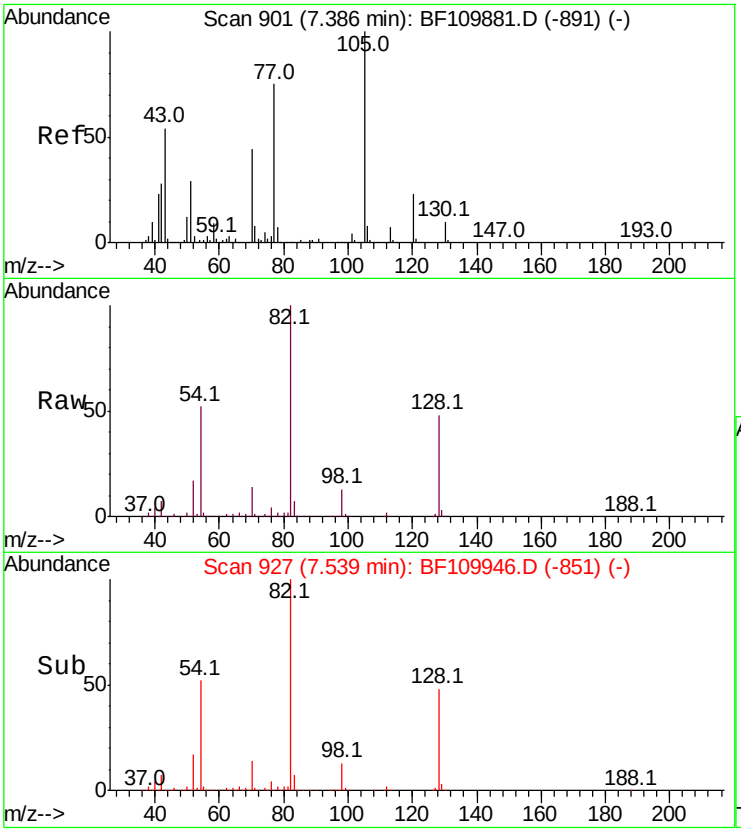


#10
Phenol
Concen: 3.172 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Tgt Ion: 94 Resp: 52068

Ion	Ratio	Lower	Upper
94	100		
65	28.3	25.3	65.3
66	37.7	54.5	94.5#



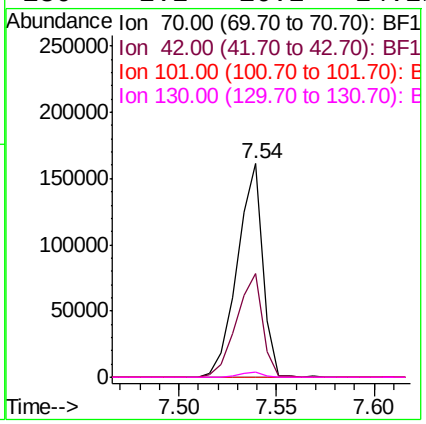


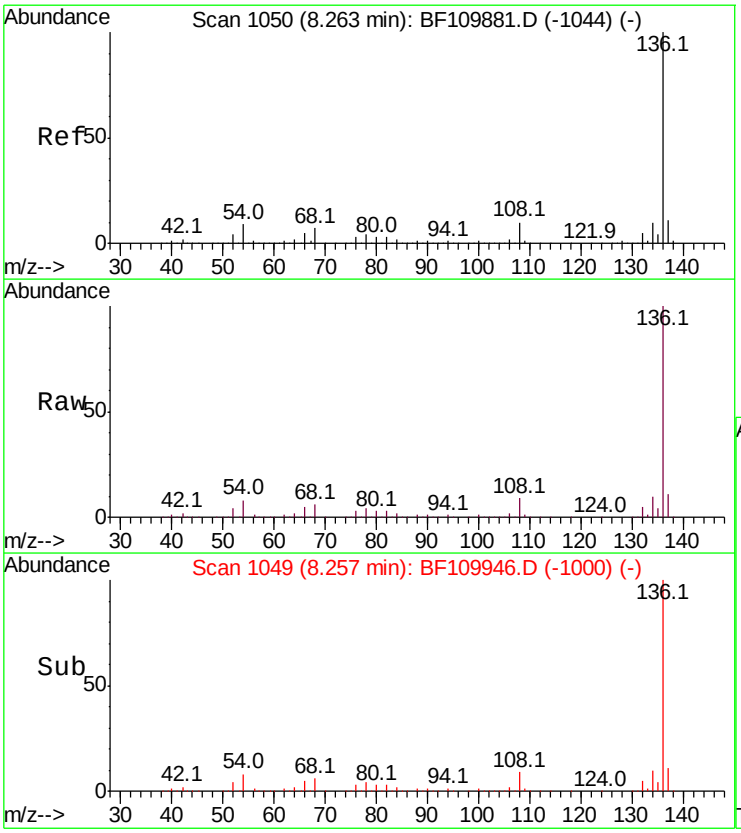
#19
n-Nitroso-di-n-propylamine
Concen: 14.948 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 145902

Ion	Ratio	Lower	Upper
70	100		
42	48.7	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

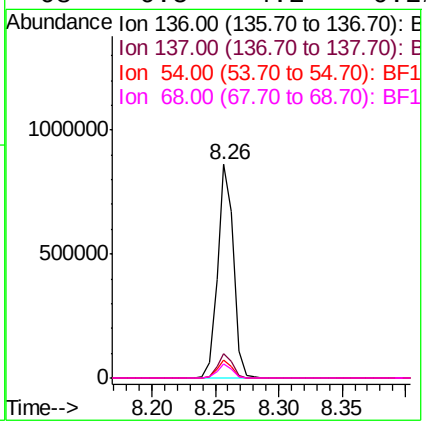


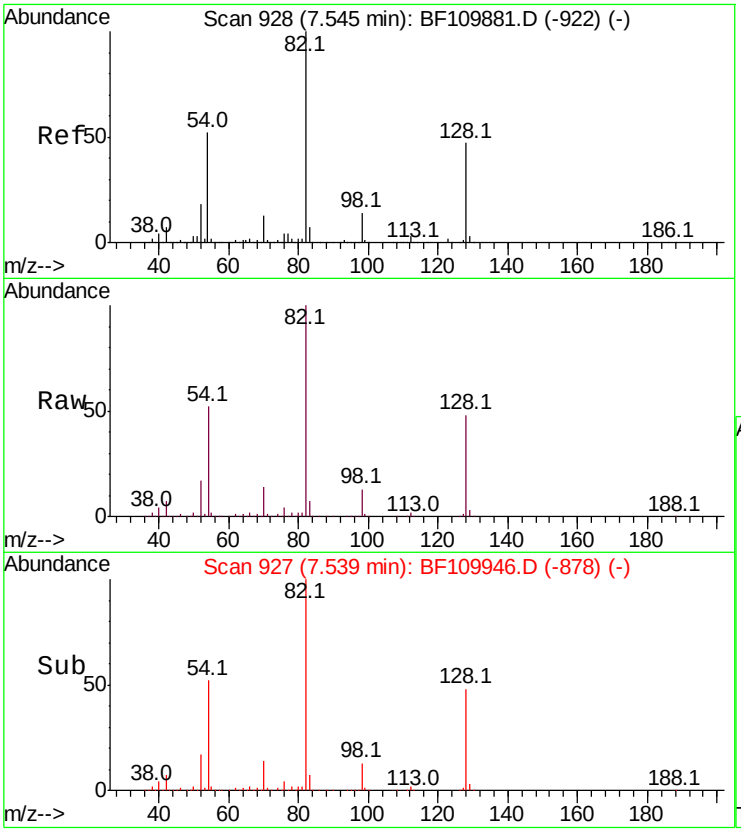


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Tgt Ion:136 Resp: 751877

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.4	5.4	8.2#
68	6.5	4.2	6.2#



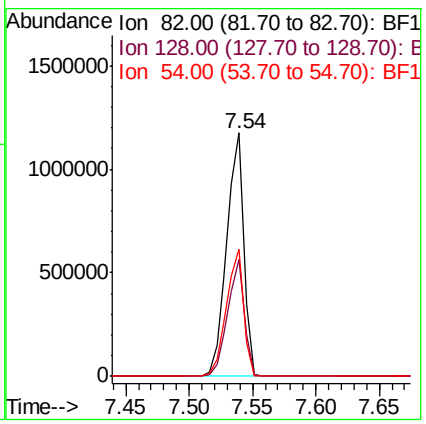


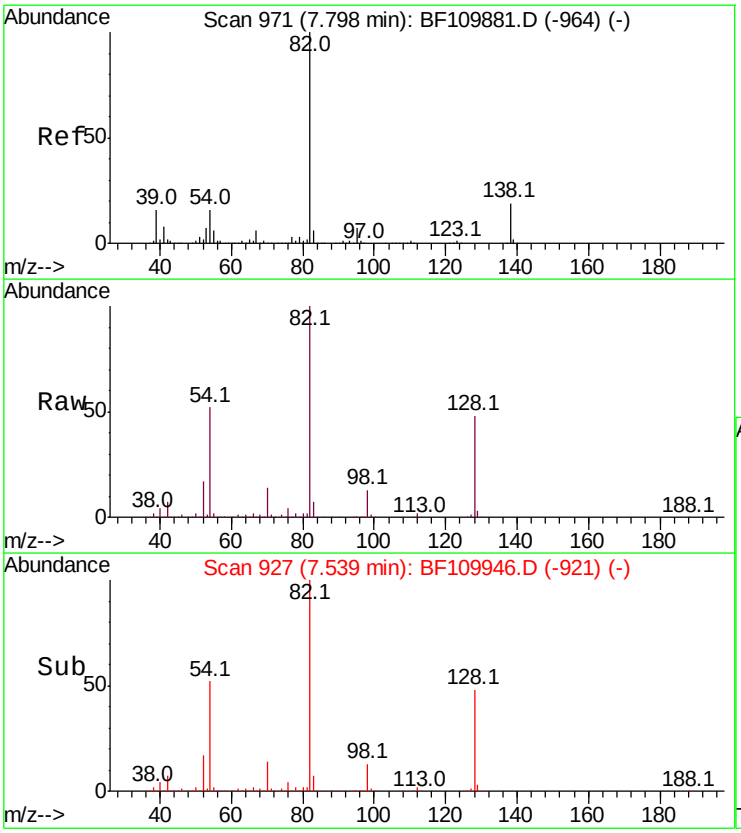
#23
Nitrobenzene-d5
Concen: 98.208 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1096143

Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.2	51.2
54	52.3	38.6	58.0

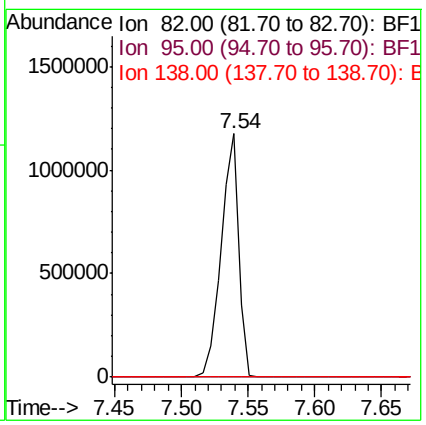


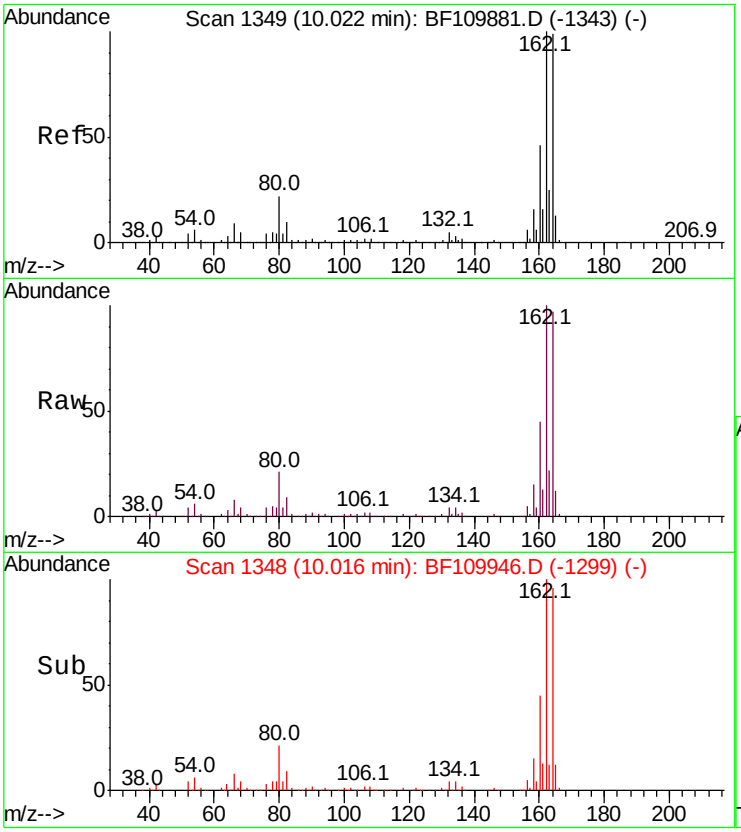


#25
Isophorone
Concen: 49.981 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.26 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Tgt Ion: 82 Resp: 1096135

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



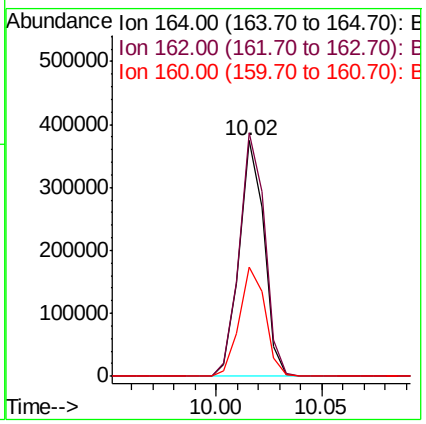


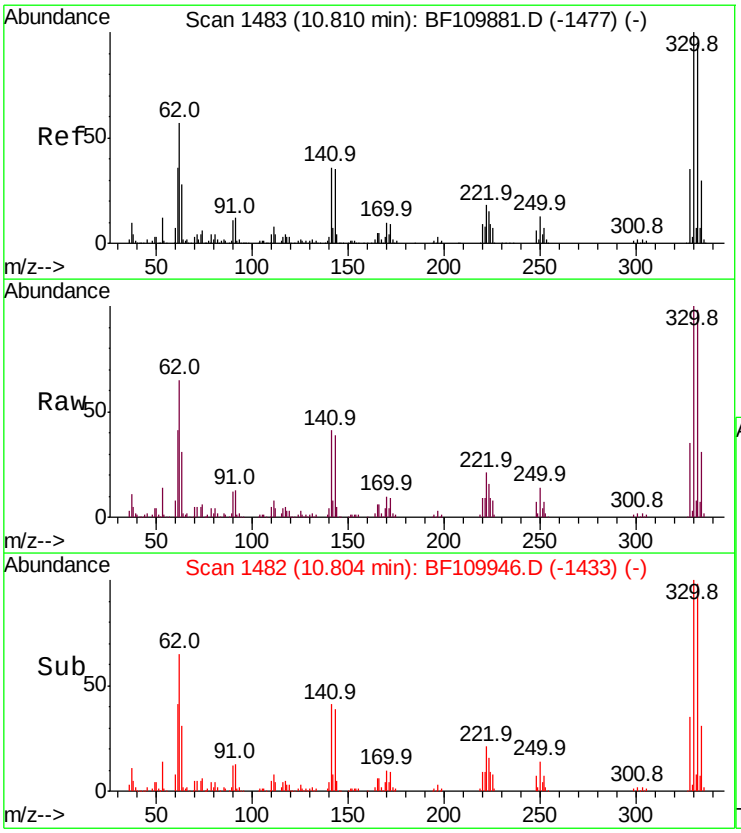
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 305007

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.6
160	46.2	37.0	55.6

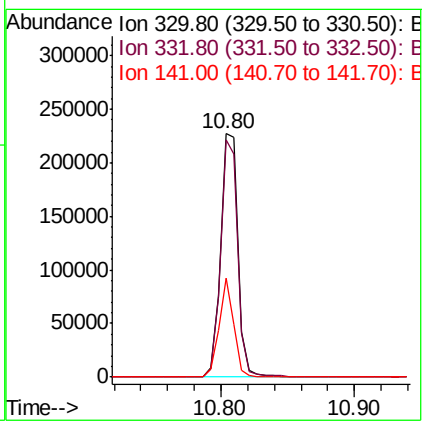


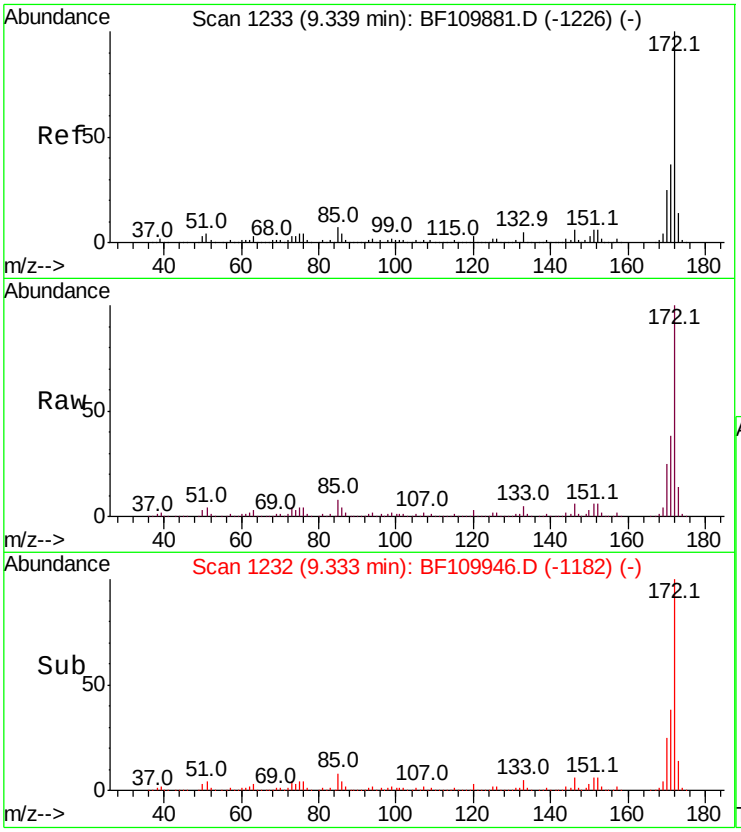


#42
2,4,6-Tribromophenol
Concen: 79.312 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Tgt Ion:330 Resp: 209437

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	34.2	27.0	40.4



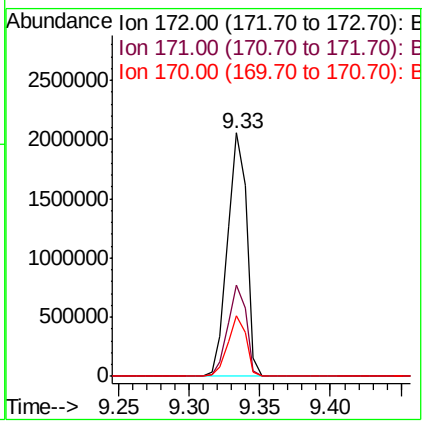


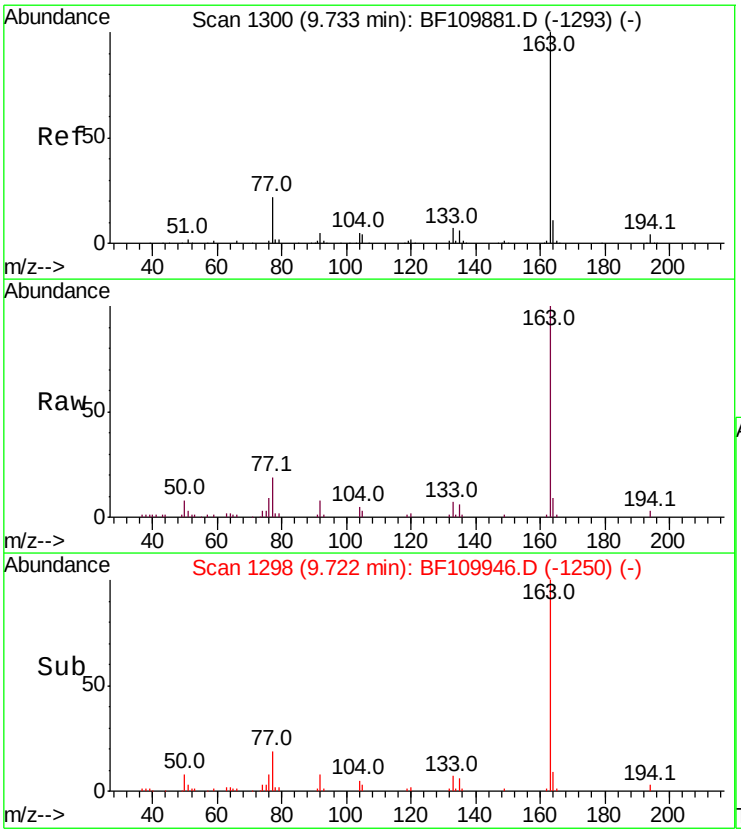
#45
2-Fluorobiphenyl
Concen: 101.292 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1936176

Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.6	43.0
170	24.9	19.7	29.5

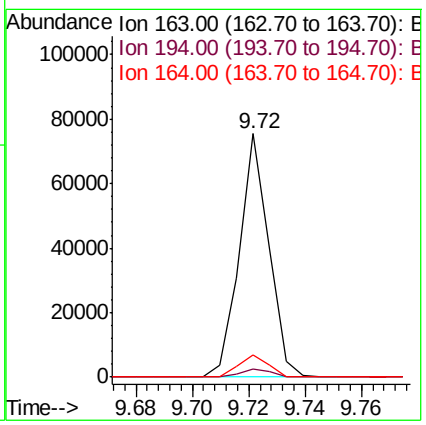


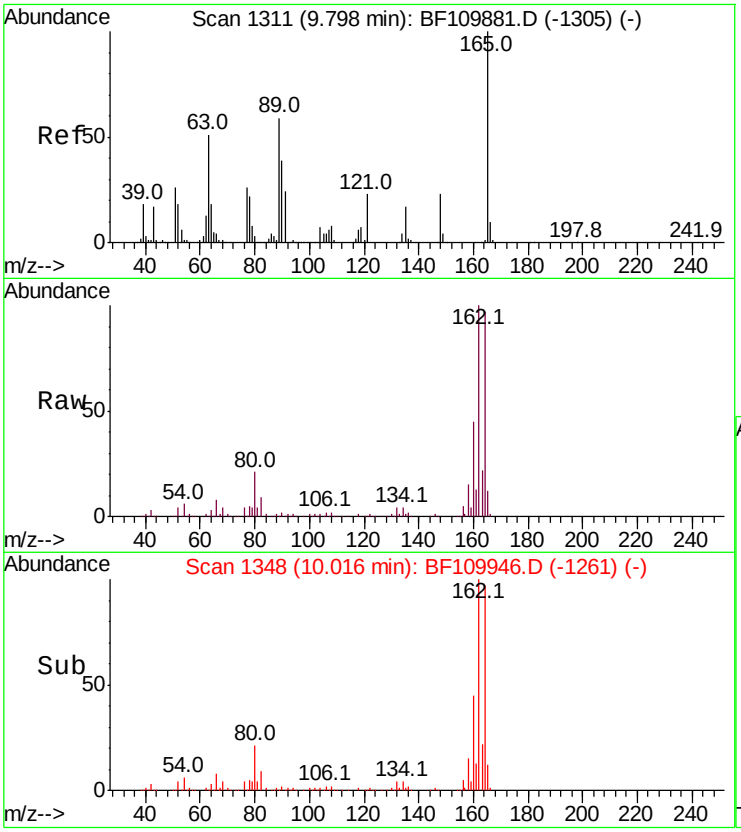


#50
Dimethylphthalate
Concen: 2.522 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Tgt Ion:163 Resp: 54473

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.2	4.8
164	9.3	8.1	12.1



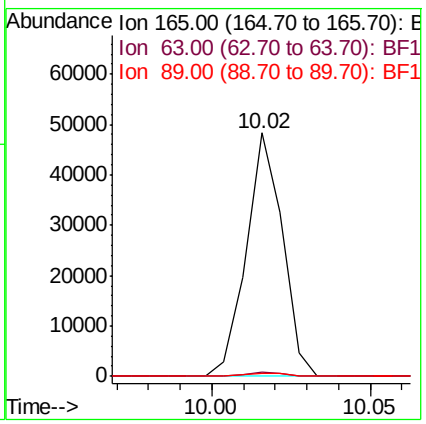


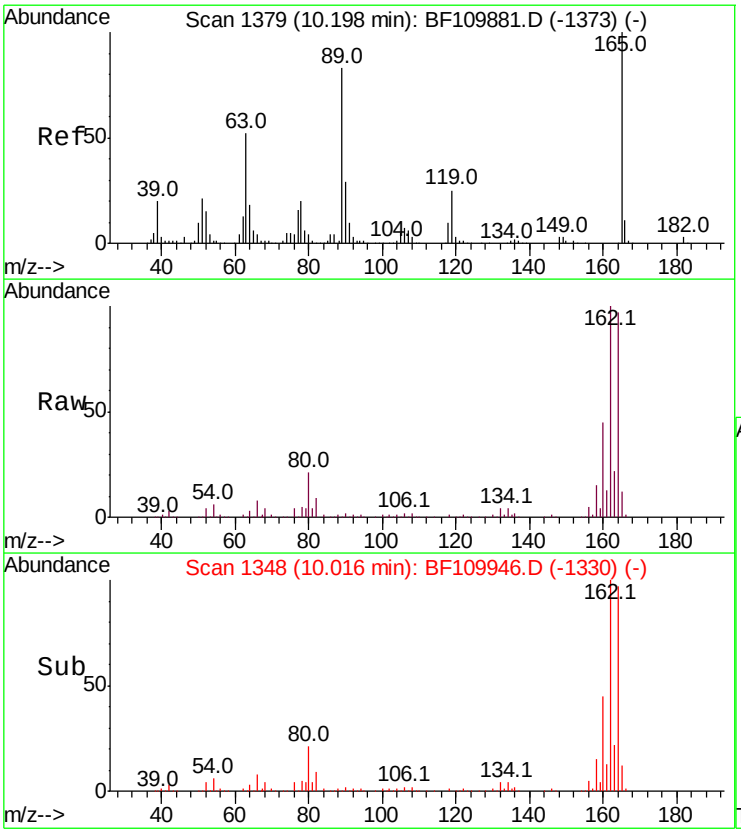
#51
2,6-Dinitrotoluene
Concen: 9.281 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.21 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38070

Ion	Ratio	Lower	Upper
165	100		
63	1.6	48.9	73.3#
89	1.4	46.6	69.8#

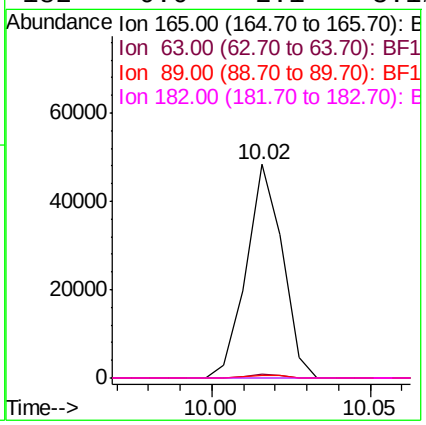


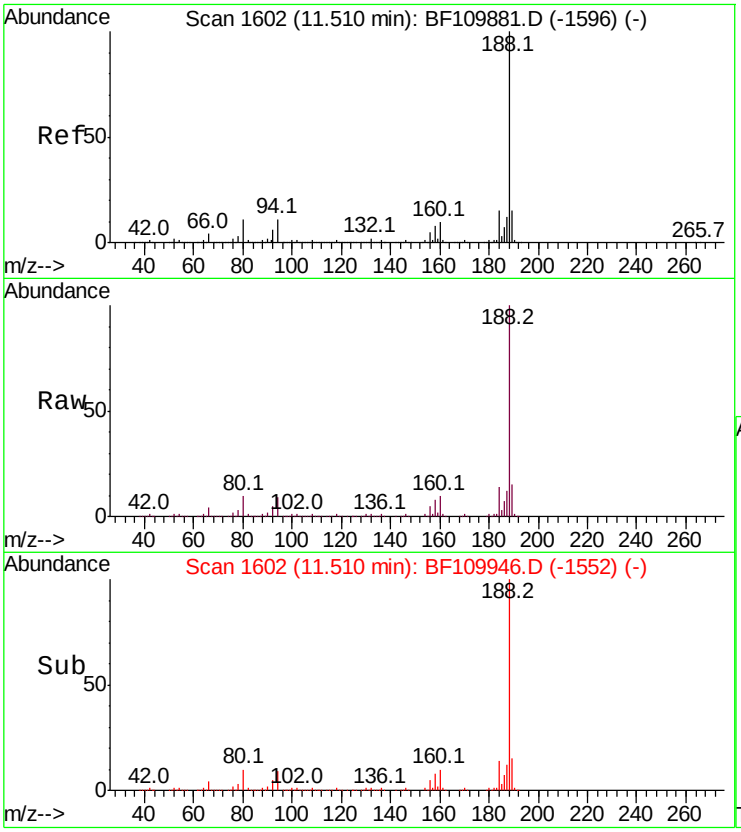


#57
2,4-Dinitrotoluene
Concen: 11.228 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Tgt Ion:165 Resp: 38070

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	1.4	62.2	93.4#
182	0.0	2.1	3.1#



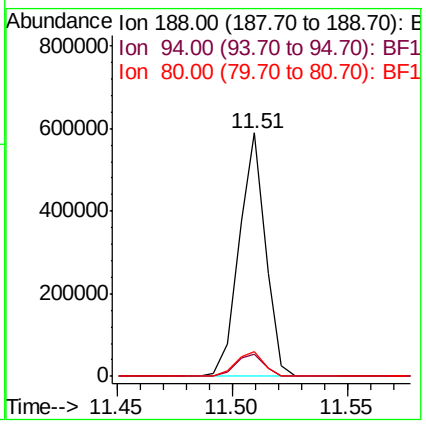


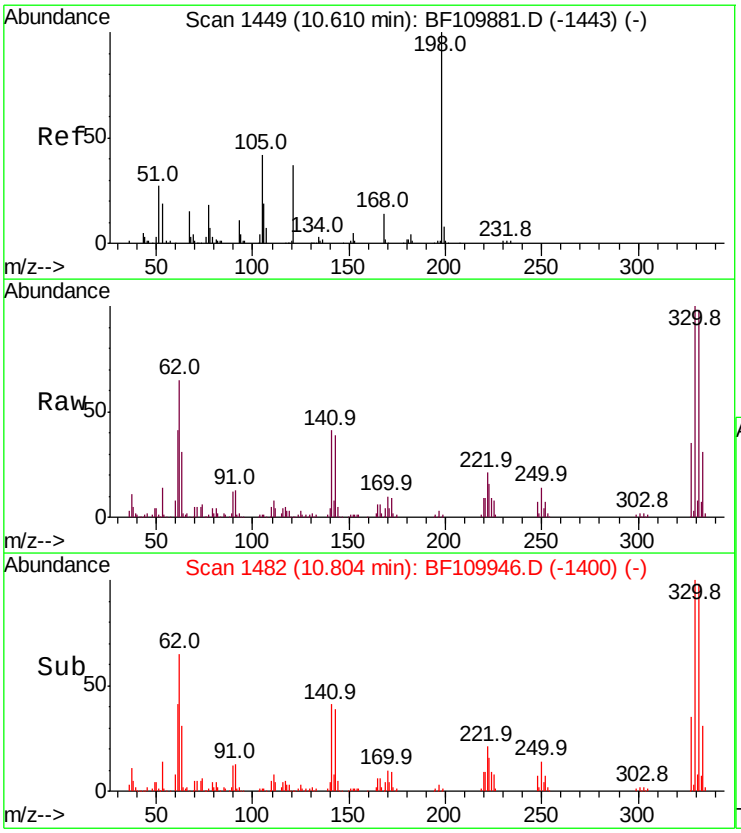
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 468522

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.2	7.9	11.9

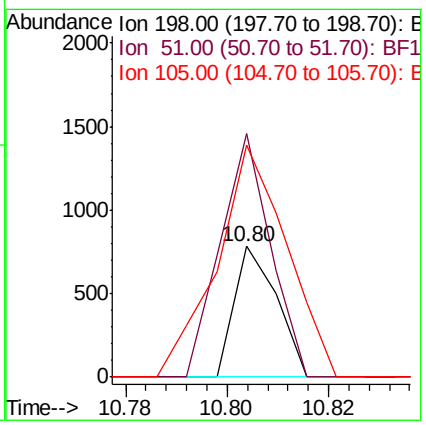


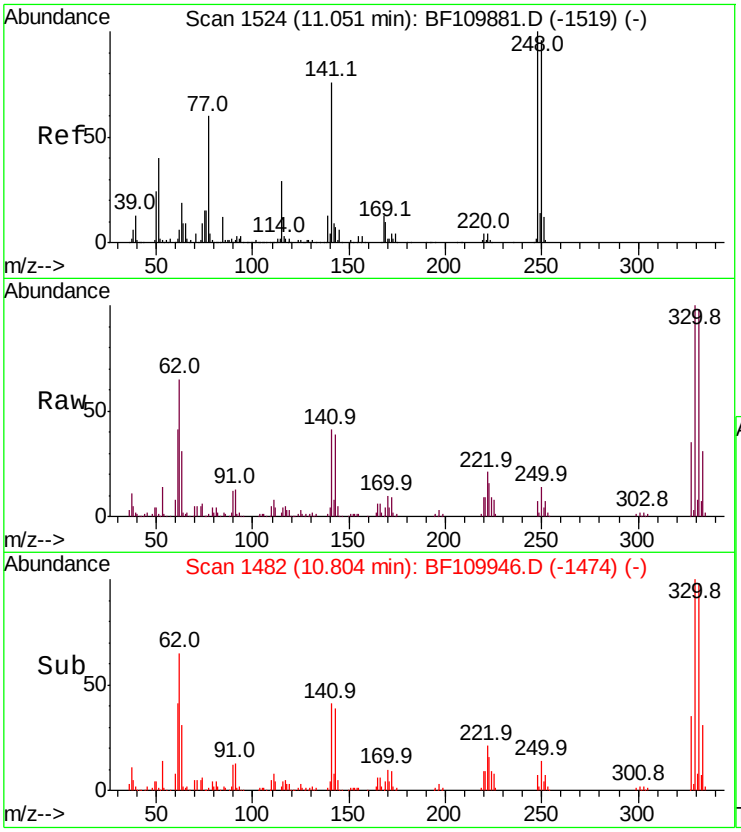


#65
4,6-Dinitro-2-methylphenol
Concen: 8.127 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.18 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Tgt Ion:198 Resp: 452

Ion	Ratio	Lower	Upper
198	100		
51	186.4	22.8	62.8#
105	177.6	23.6	63.6#



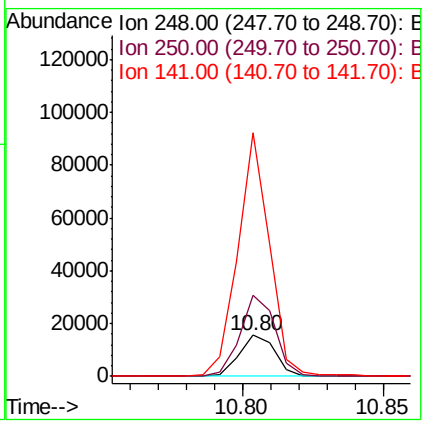


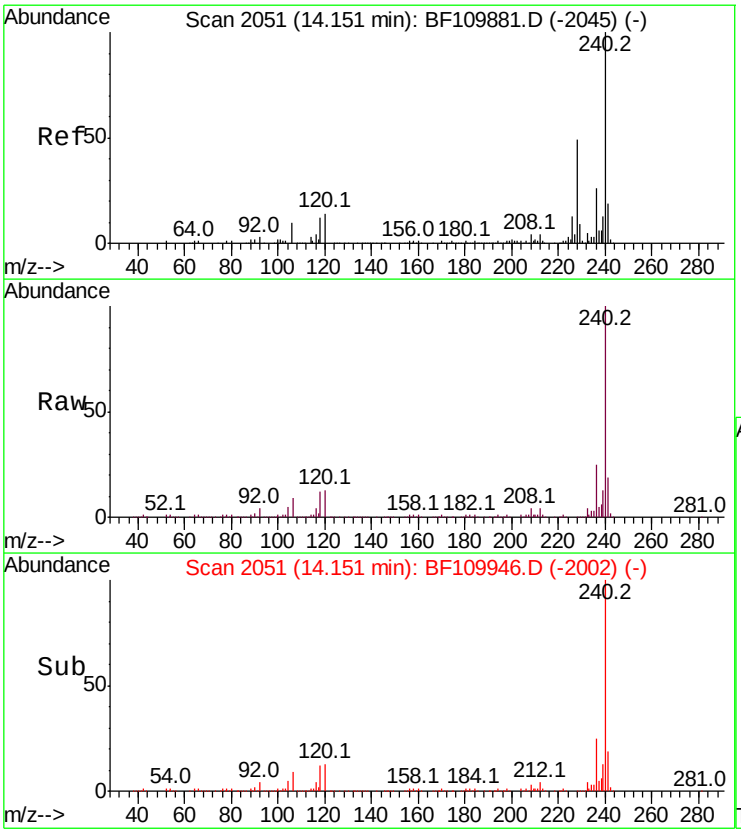
#67
4-Bromophenyl-phenylether
Concen: 2.672 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13569

Ion	Ratio	Lower	Upper
248	100		
250	198.5	79.4	119.2#
141	596.5	55.9	83.9#

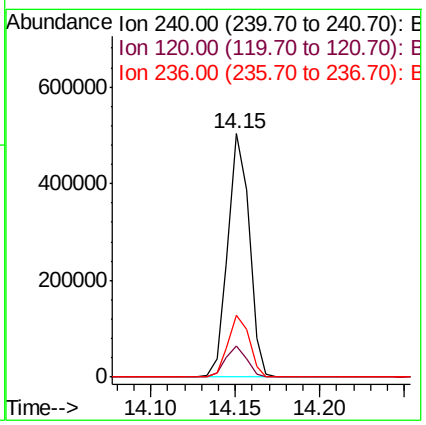


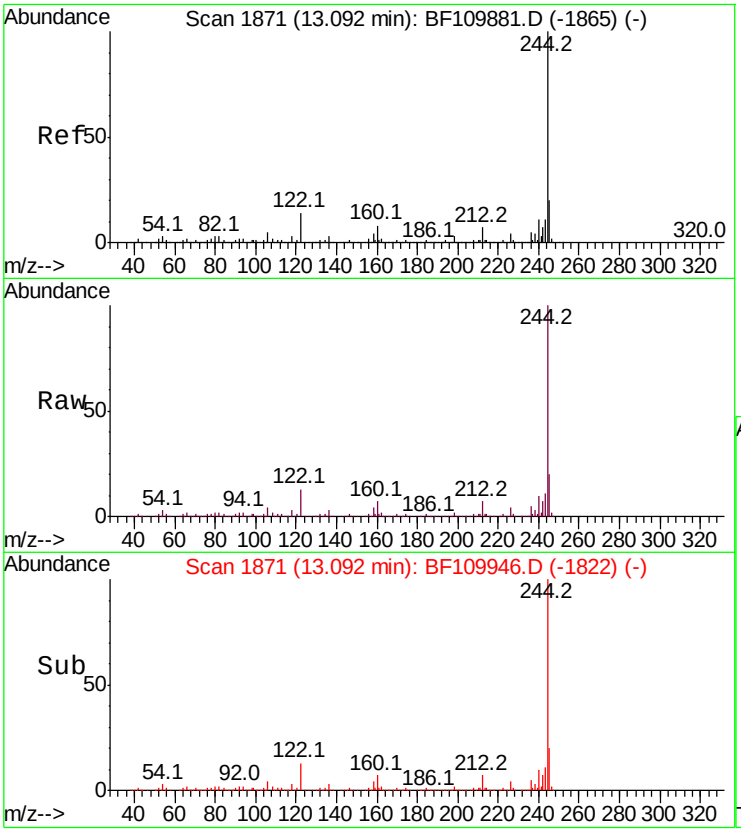


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Tgt Ion:240 Resp: 443399

Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.3	12.5#
236	25.4	21.2	31.8



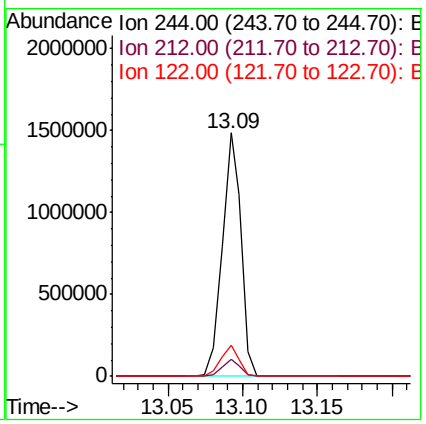


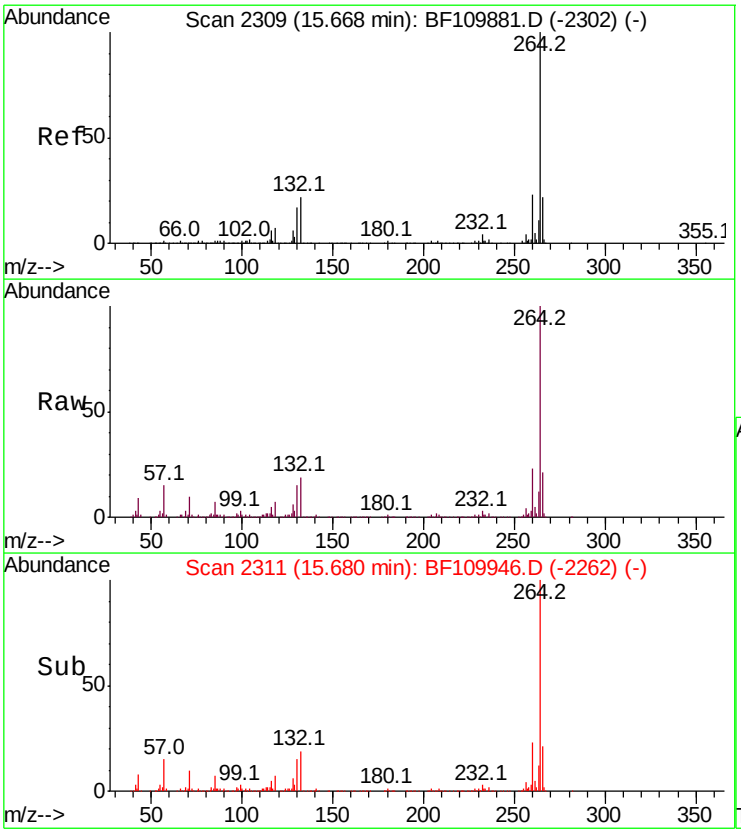
#79
Terphenyl-d14
Concen: 62.576 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1321300

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.9	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF109946.D
Acq: 18 Oct 2018 3:04

Tgt Ion:264 Resp: 436177

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.0	16.7	25.1