Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
Data File : BF109605.D
Acq On : 4 Oct 2018 23:22
Operator : JU/SJ
Sample : J5237-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BSS-GW1

Quant Time: Oct 05 01:32:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	84285	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	320847	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	132902	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	201975	20.00	ng	0.00
75) Chrysene-d12	13.84	240	194800	20.00	ng	0.00
86) Perylene-d12	15.24	264	198984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	285306	55.75	ng	0.01
7) Phenol-d6	6.35	99	235064	36.00	ng	0.00
23) Nitrobenzene-d5	7.27	82	451962	83.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	133720	102.07	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	784818	89.06	ng	-0.02
78) Terphenyl-d14	12.79	244	555395	69.97	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	11412	2.721	ng	# 73
19) n-Nitroso-di-n-propylamine	7.27	70	61010	14.259	ng	# 76
25) Isophorone	7.27	82	432407	44.180	ng	# 64
35) Caprolactam	8.39	113	24991	17.470	ng	# 85
49) Dimethylphthalate	9.45	163	170397	17.628	ng	100
56) 2,4-Dinitrotoluene	9.73	165	16460	6.795	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	125	6.653	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	7659	3.415	ng	# 1

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

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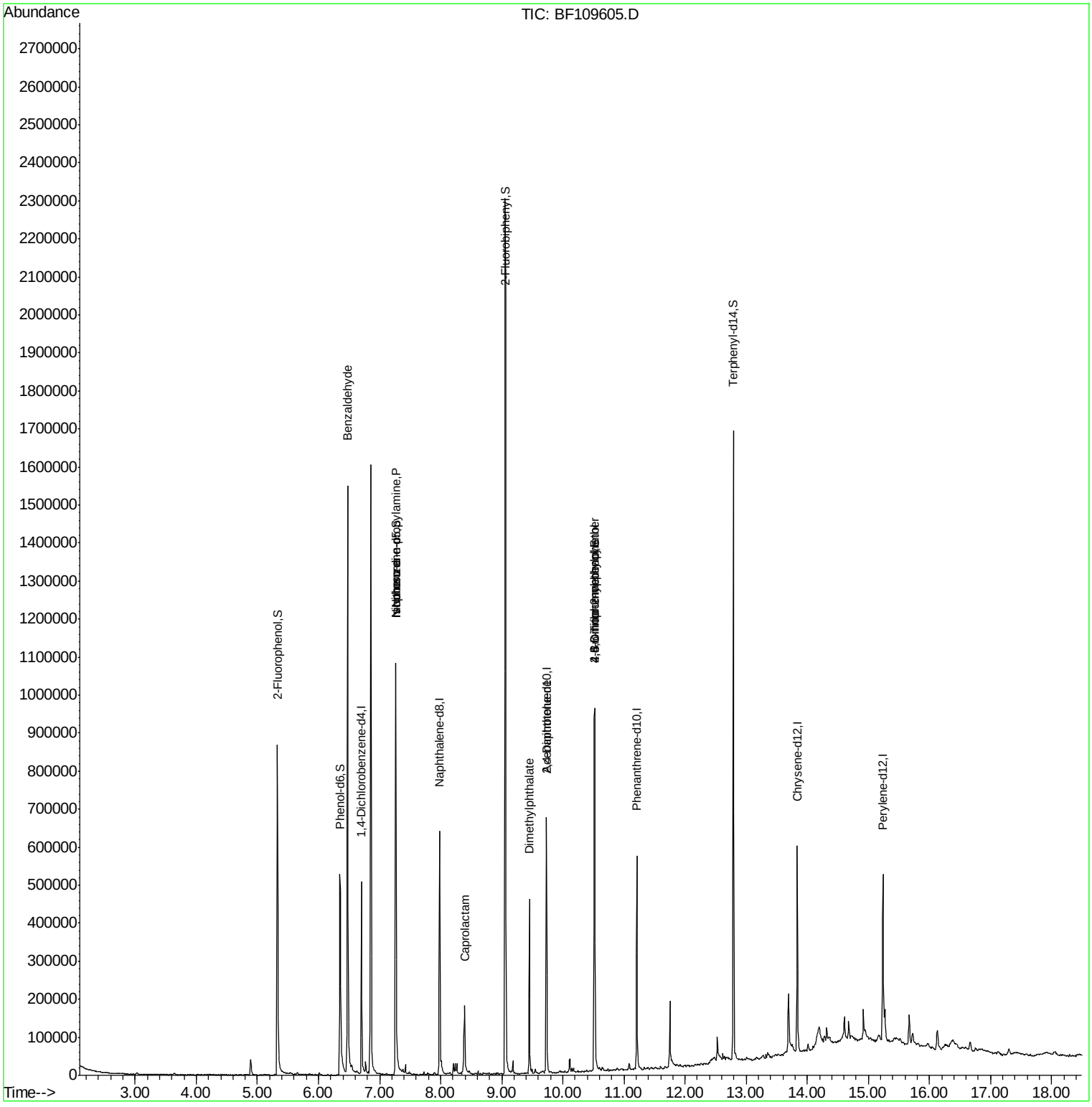
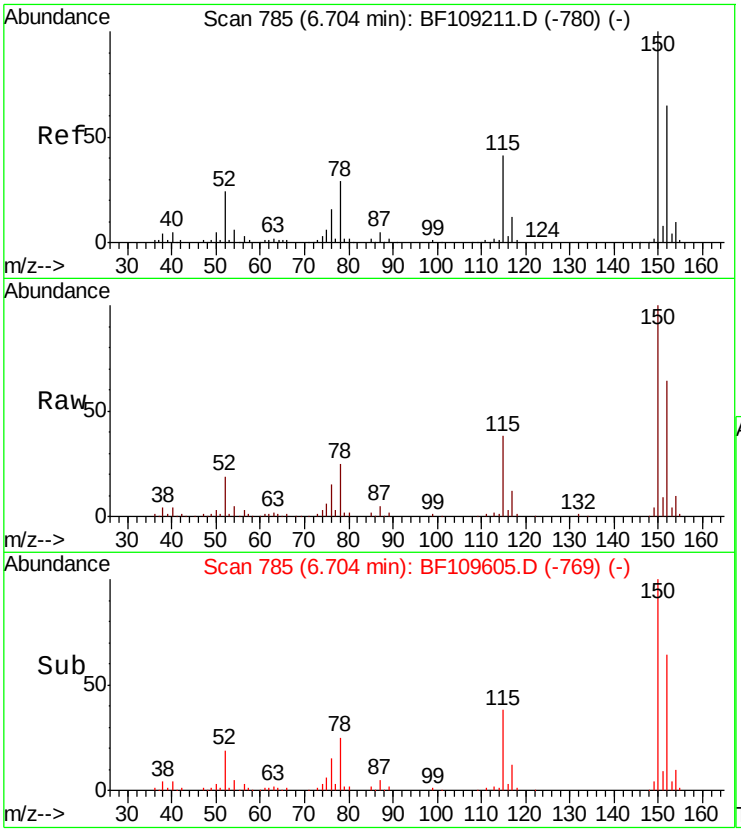


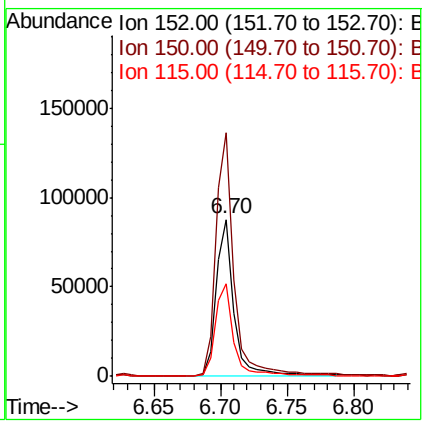


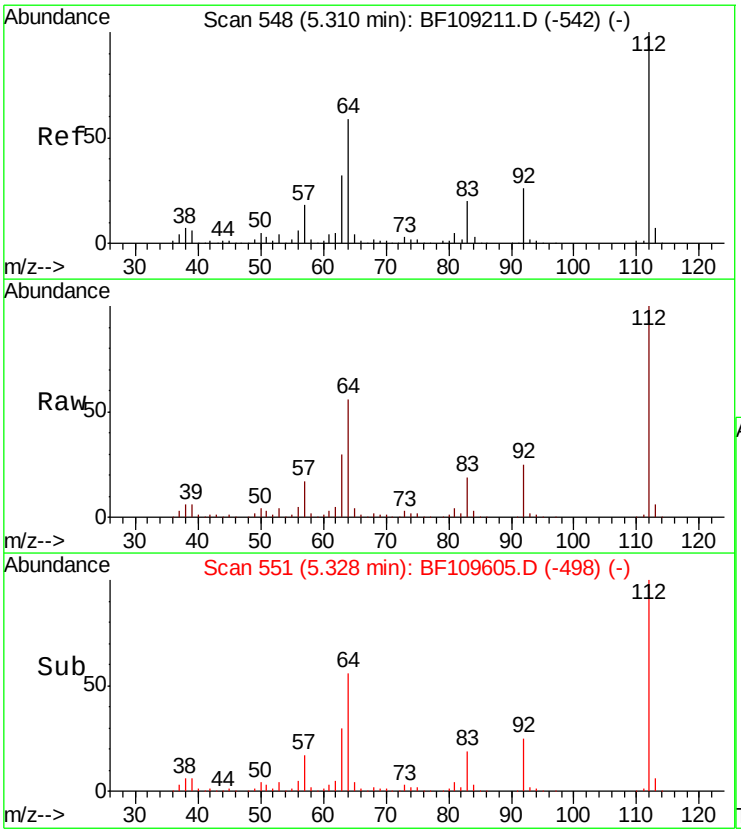
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
BSS-GW1

Tgt Ion:152 Resp: 84285

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	58.8	50.1	75.1

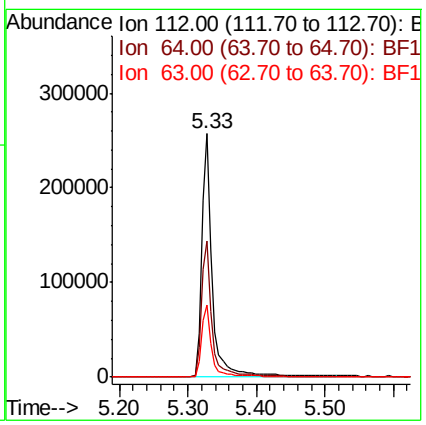


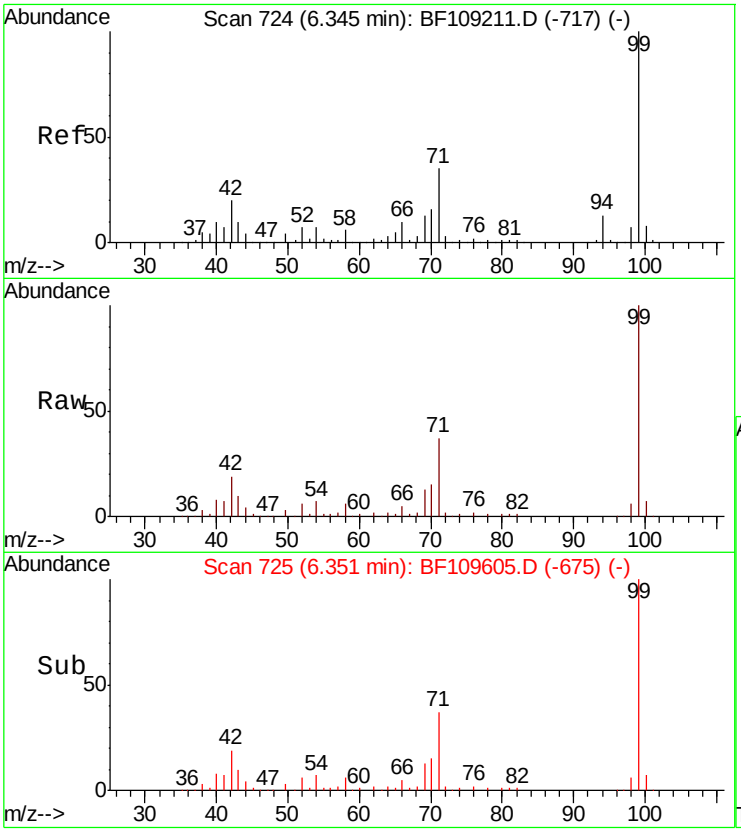


#5
2-Fluorophenol
Concen: 55.754 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Tgt Ion:112 Resp: 285306

Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.9	71.9
63	29.5	23.7	35.5



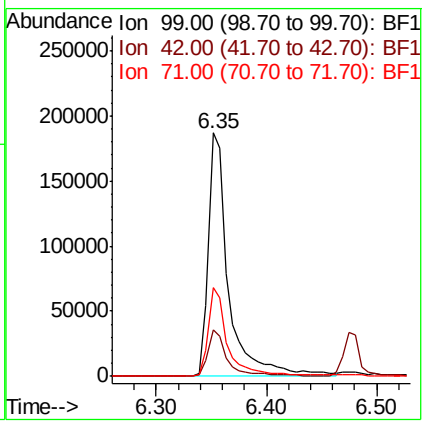


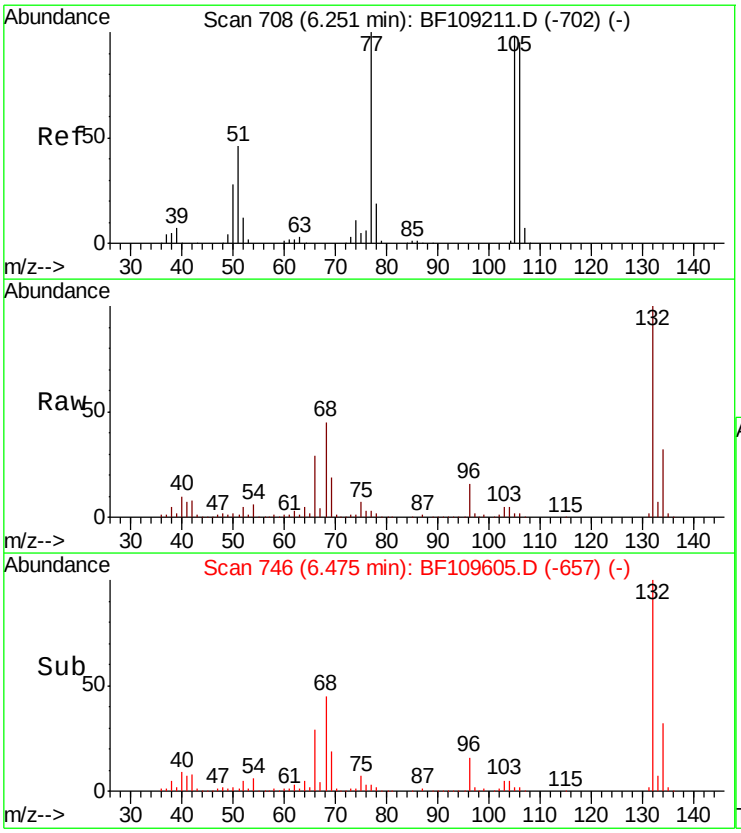
#7
Phenol-d6
Concen: 35.999 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
BSS-GW1

Tgt Ion: 99 Resp: 235064

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	36.7	25.4	38.0

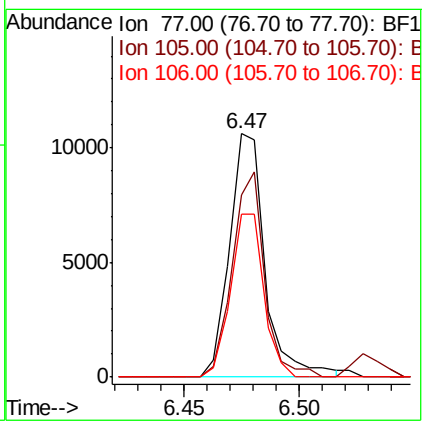


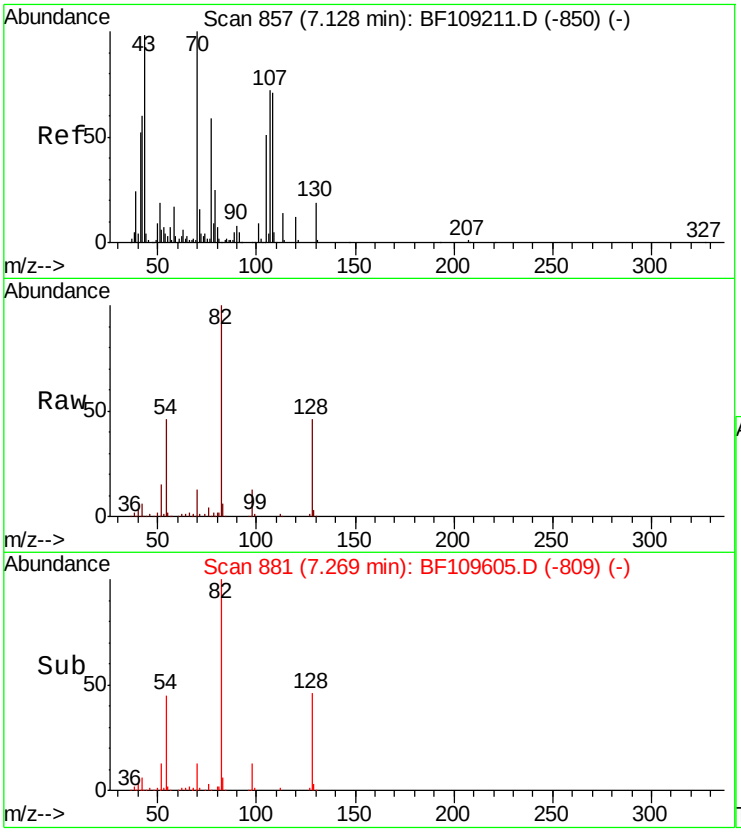


#9
Benzaldehyde
Concen: 2.721 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.22 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Tgt Ion: 77 Resp: 11412

Ion	Ratio	Lower	Upper
77	100		
105	75.0	81.1	121.1#
106	66.8	74.5	114.5#



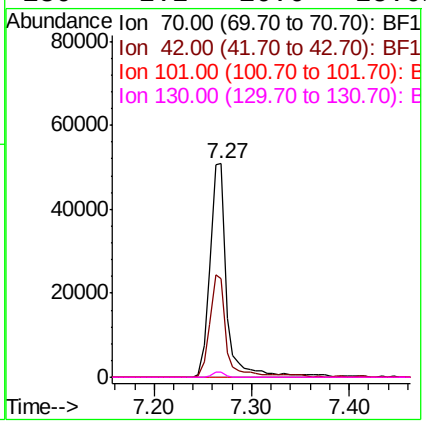


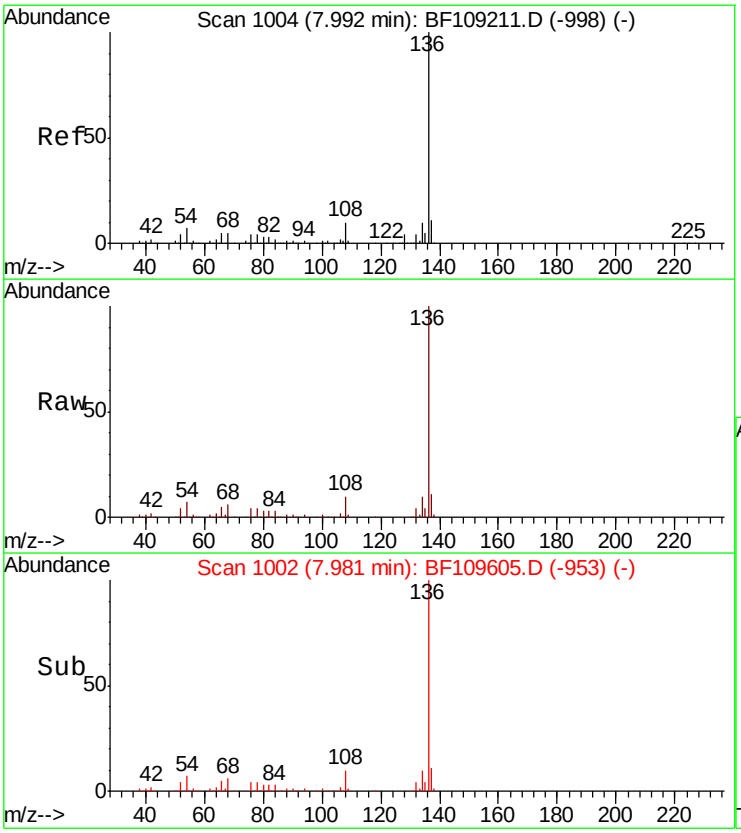
#19
n-Nitroso-di-n-propylamine
Concen: 14.259 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
BSS-GW1

Tgt Ion: 70 Resp: 61010

Ion	Ratio	Lower	Upper
70	100		
42	45.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

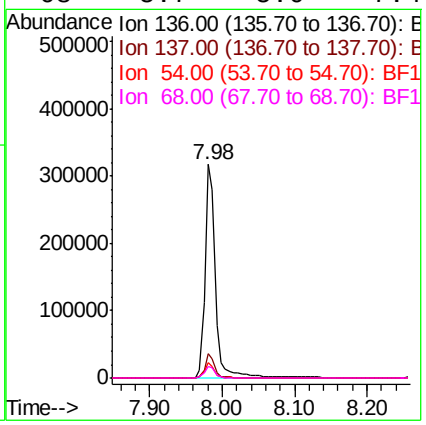


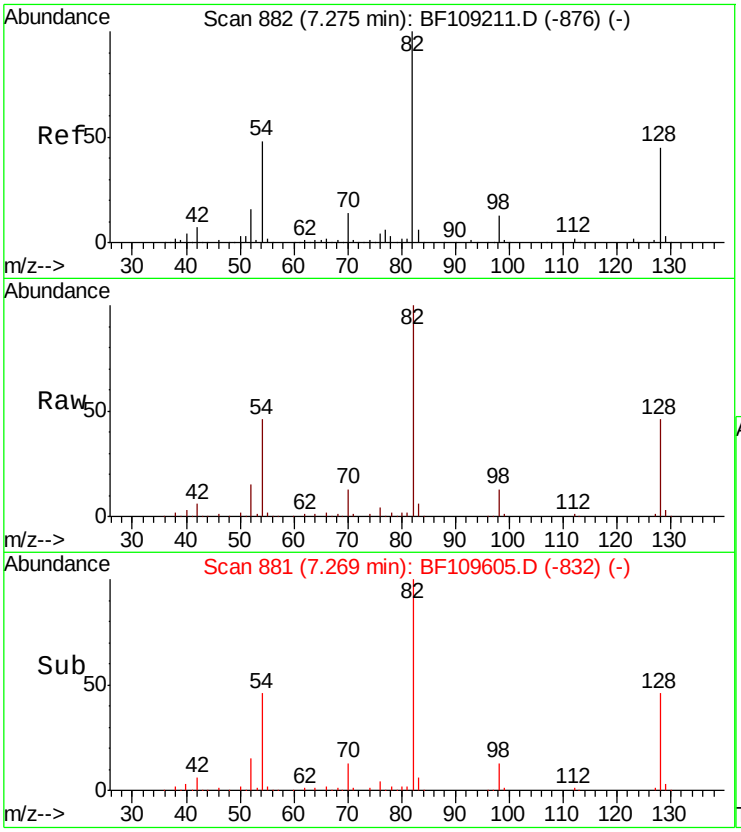


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Tgt Ion:136 Resp: 320847

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.4	6.6	9.8
68	5.7	5.0	7.4



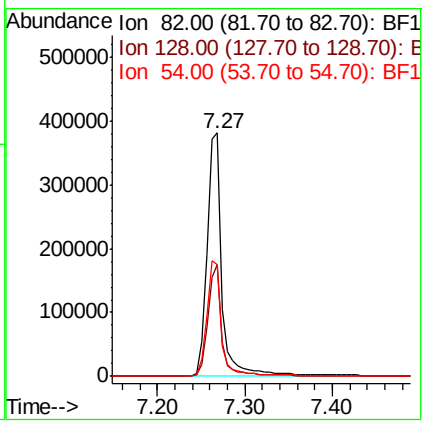


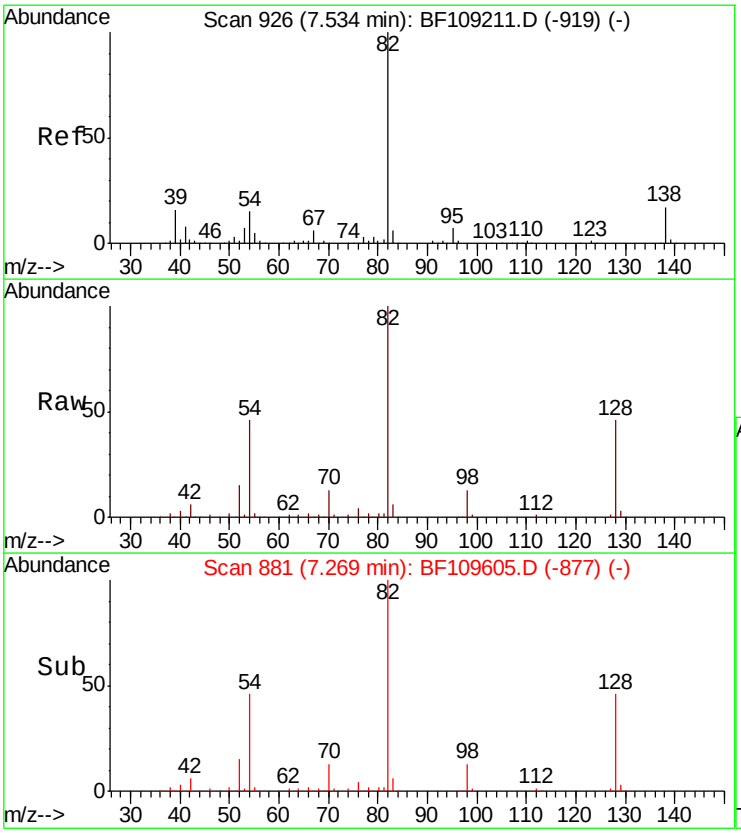
#23
Nitrobenzene-d5
Concen: 83.155 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
BSS-GW1

Tgt Ion: 82 Resp: 451962

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	46.1	41.4	62.2

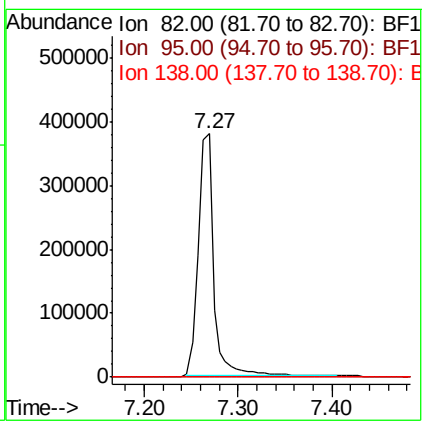


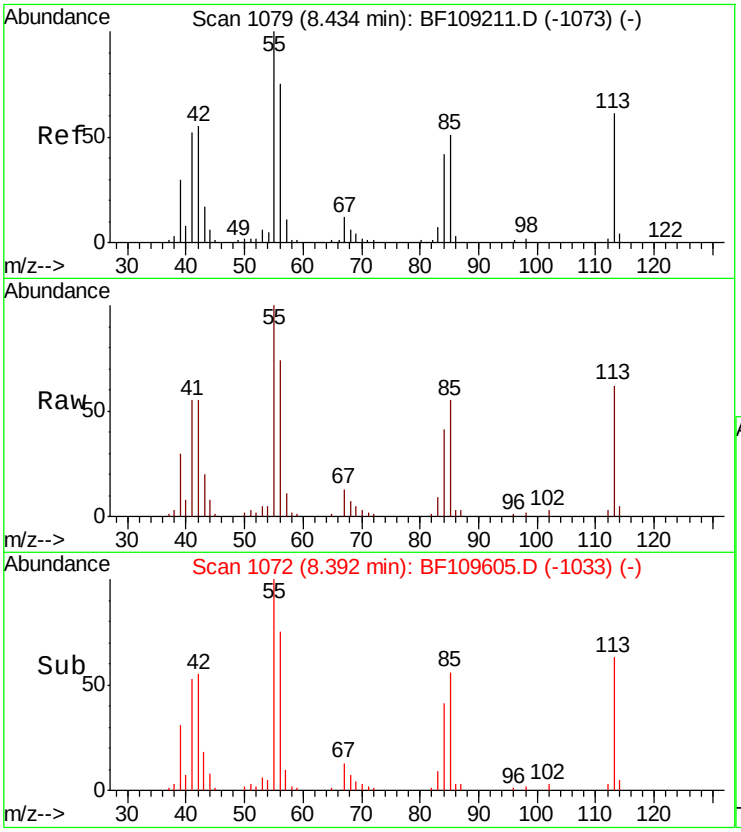


#25
Isophorone
Concen: 44.180 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Tgt Ion: 82 Resp: 432407

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



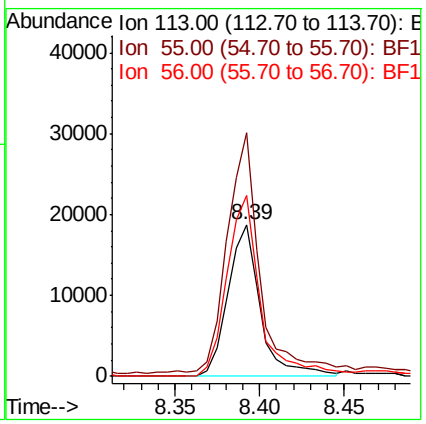


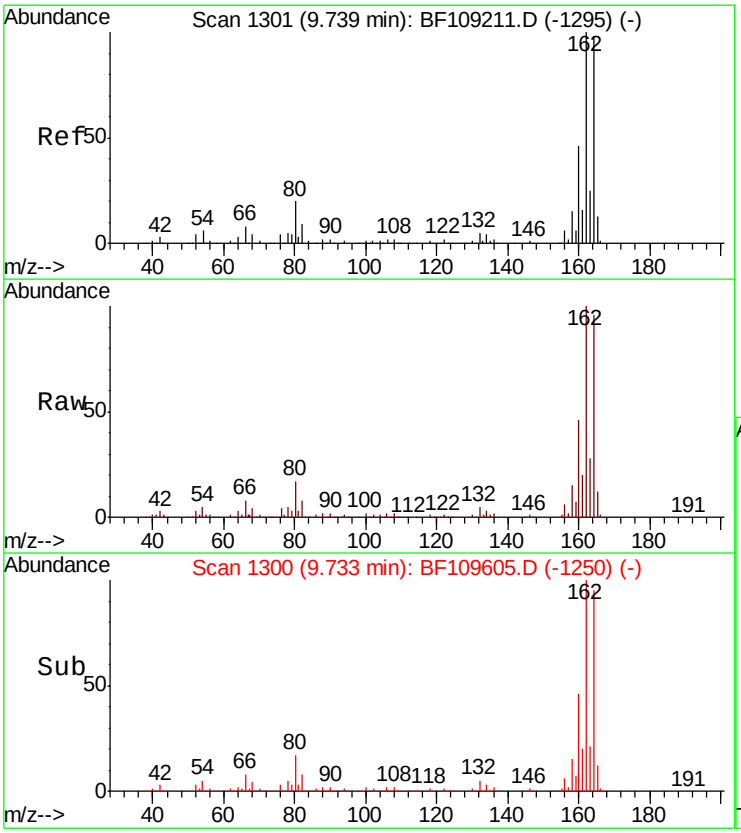
#35
Caprolactam
Concen: 17.470 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.07 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
BSS-GW1

Tgt Ion:113 Resp: 24991

Ion	Ratio	Lower	Upper
113	100		
55	160.8	163.3	203.3#
56	119.1	115.7	155.7

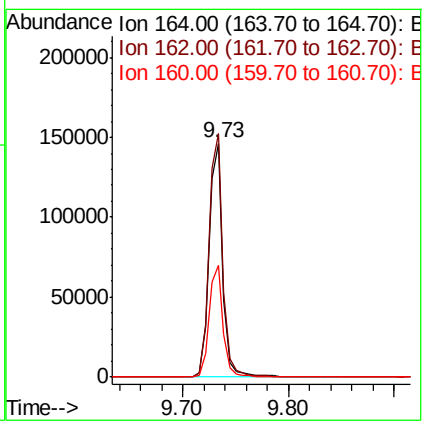


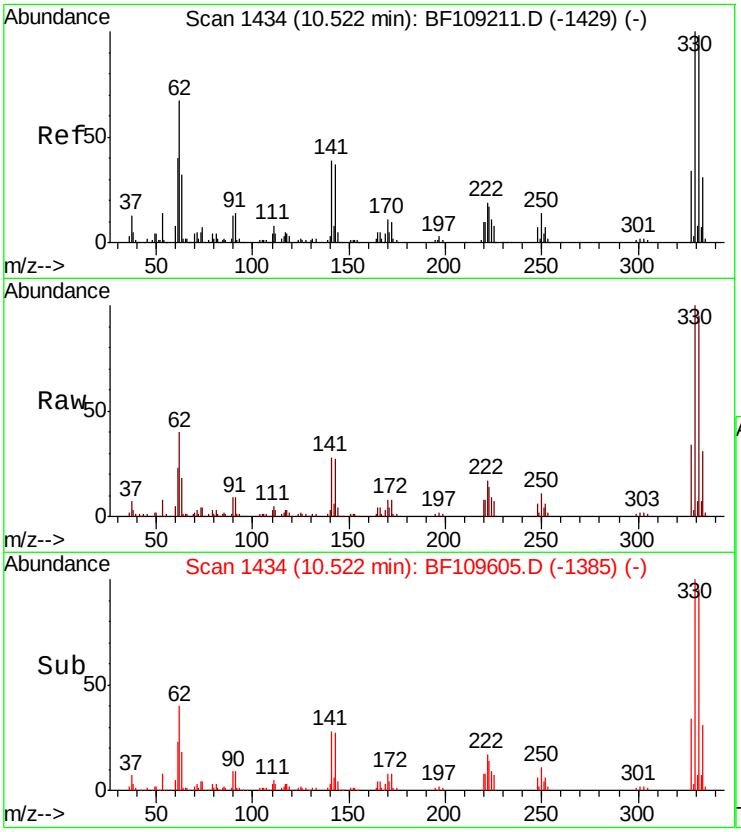


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Tgt Ion:164 Resp: 132902

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	48.1	38.3	57.5



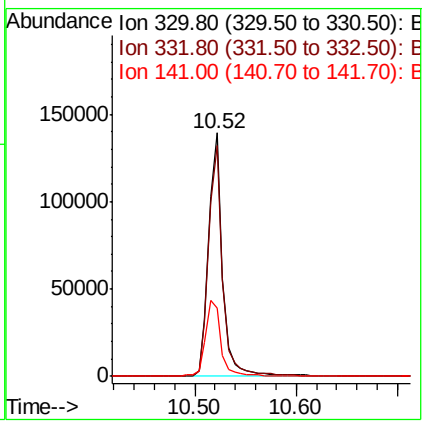


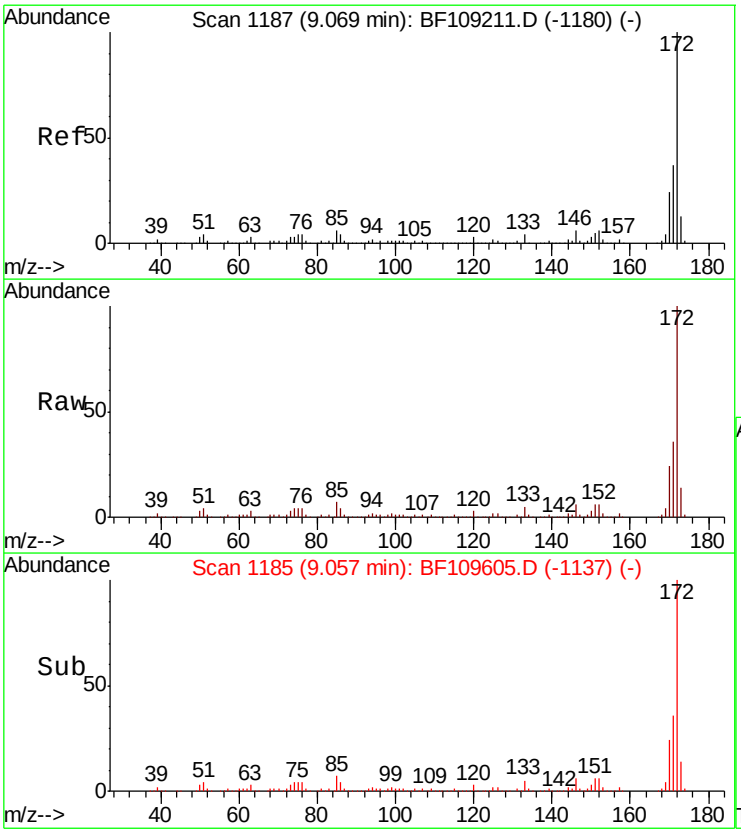
#41
2,4,6-Tribromophenol
Concen: 102.066 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
BSS-GW1

Tgt Ion:330 Resp: 133720

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	34.4	29.9	44.9

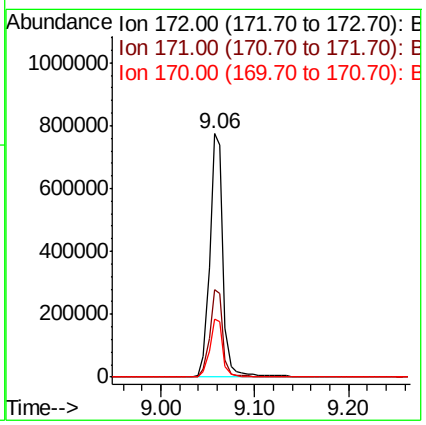


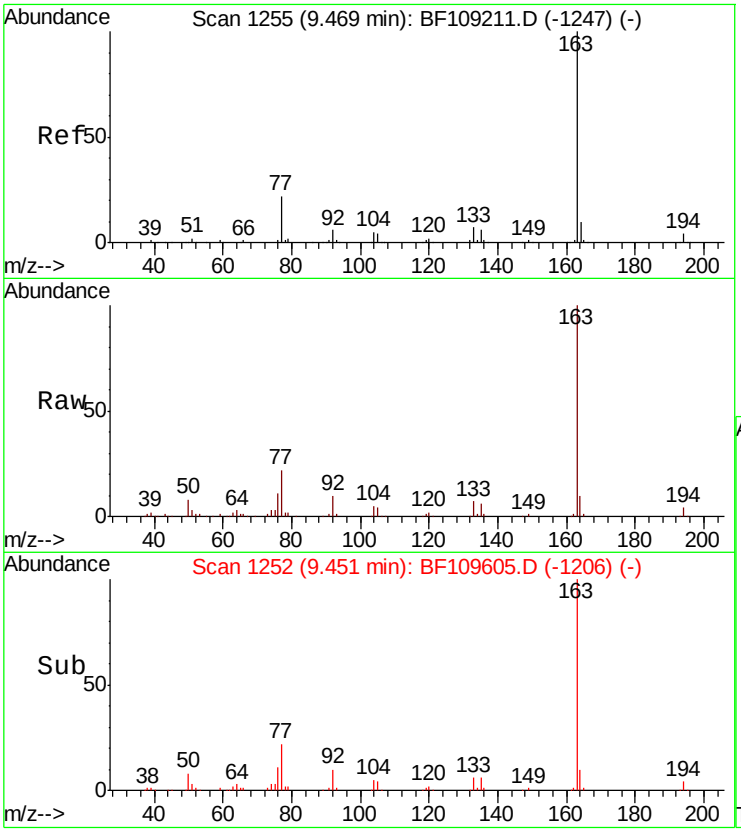


#44
2-Fluorobiphenyl
Concen: 89.062 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Tgt Ion:172 Resp: 784818

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4



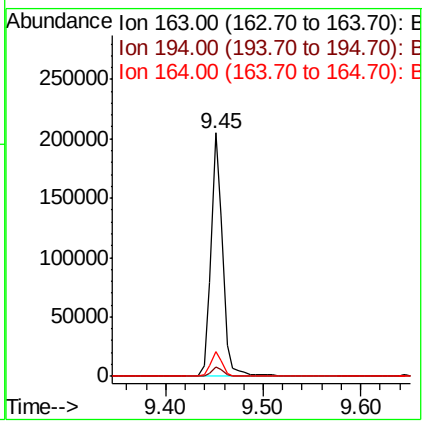


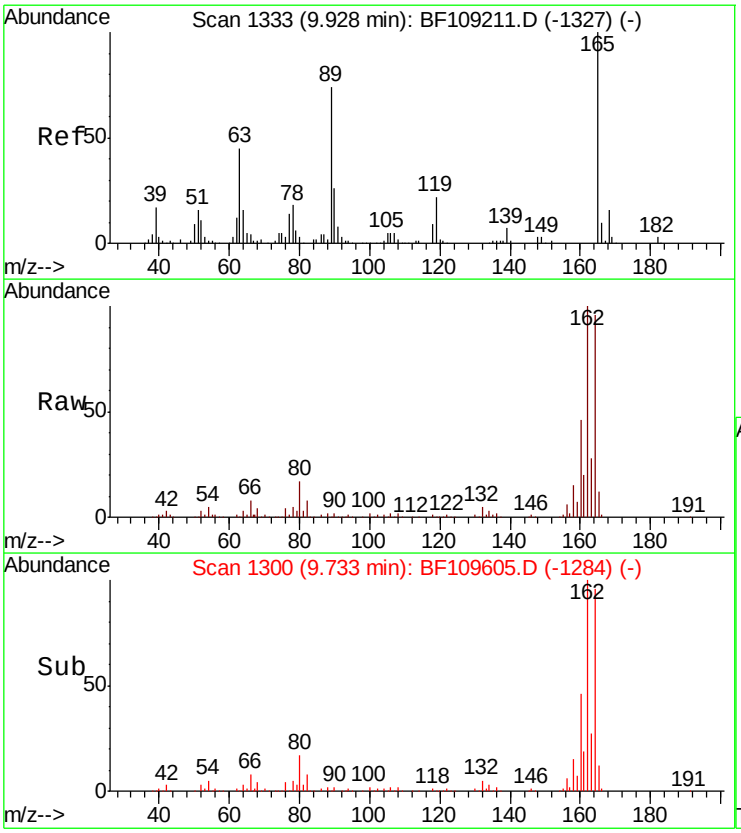
#49
Dimethylphthalate
Concen: 17.628 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
BSS-GW1

Tgt Ion:163 Resp: 170397

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.2	8.2	12.2

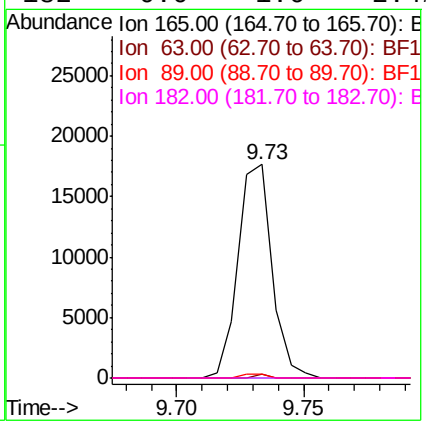


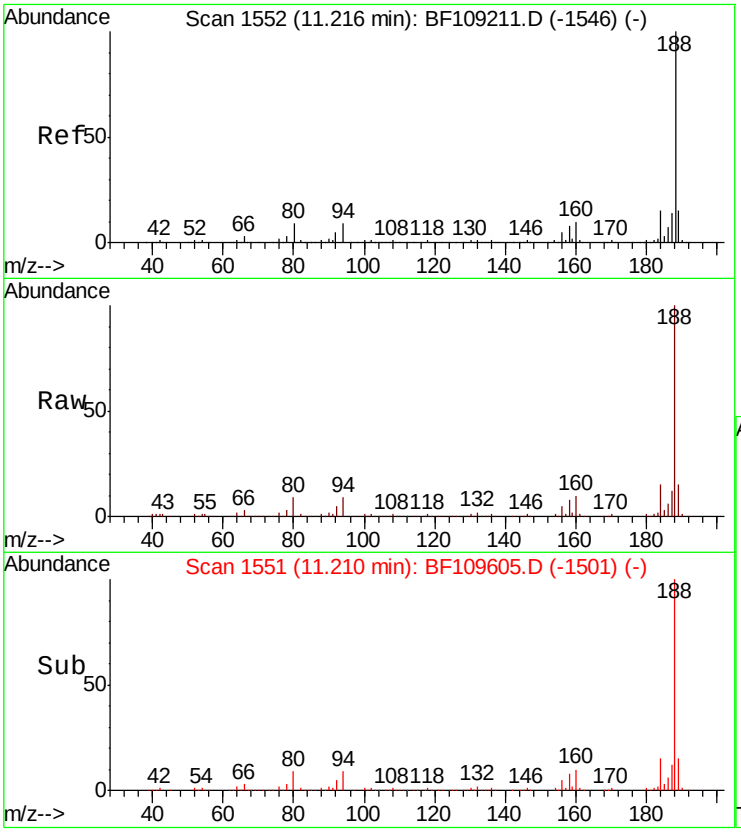


#56
2,4-Dinitrotoluene
Concen: 6.795 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Tgt Ion:165 Resp: 16460

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



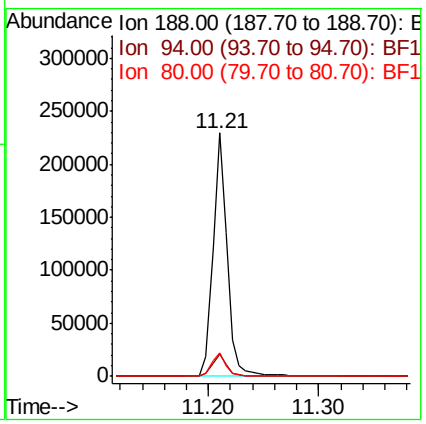


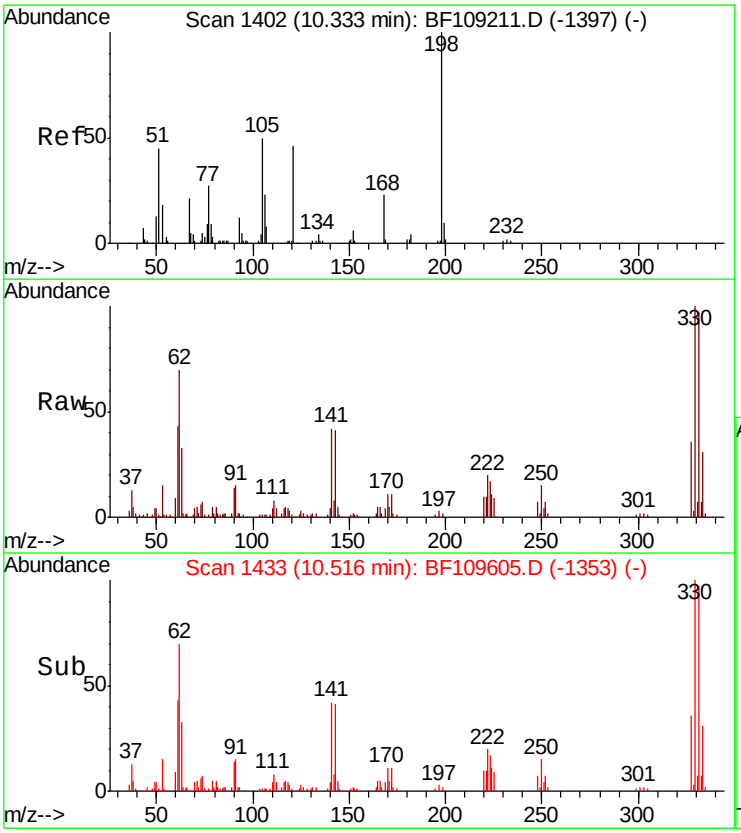
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
BSS-GW1

Tgt Ion:188 Resp: 201975

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.4	9.2	13.8

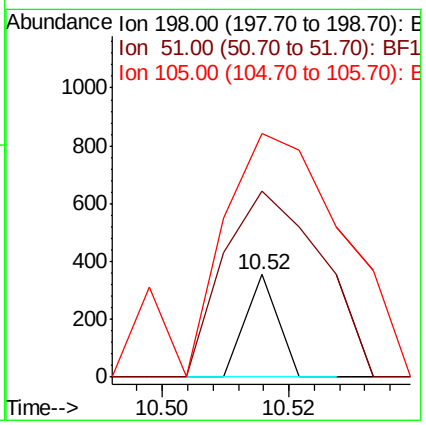


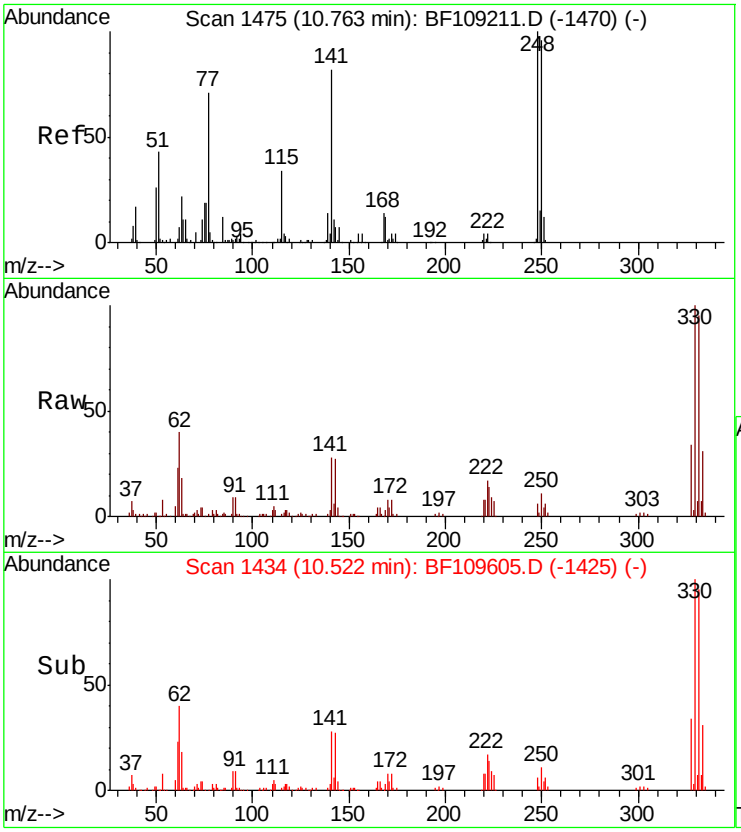


#64
4,6-Dinitro-2-methylphenol
Concen: 6.653 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Tgt Ion:198 Resp: 125

Ion	Ratio	Lower	Upper
198	100		
51	181.9	37.7	77.7#
105	237.9	36.3	76.3#



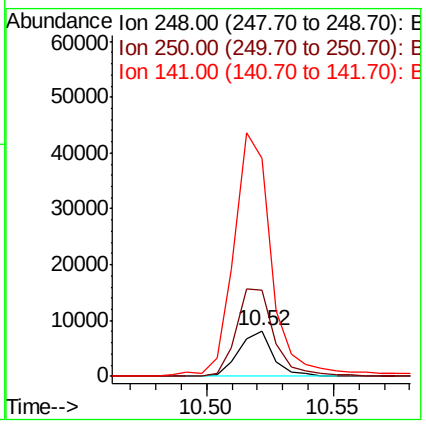


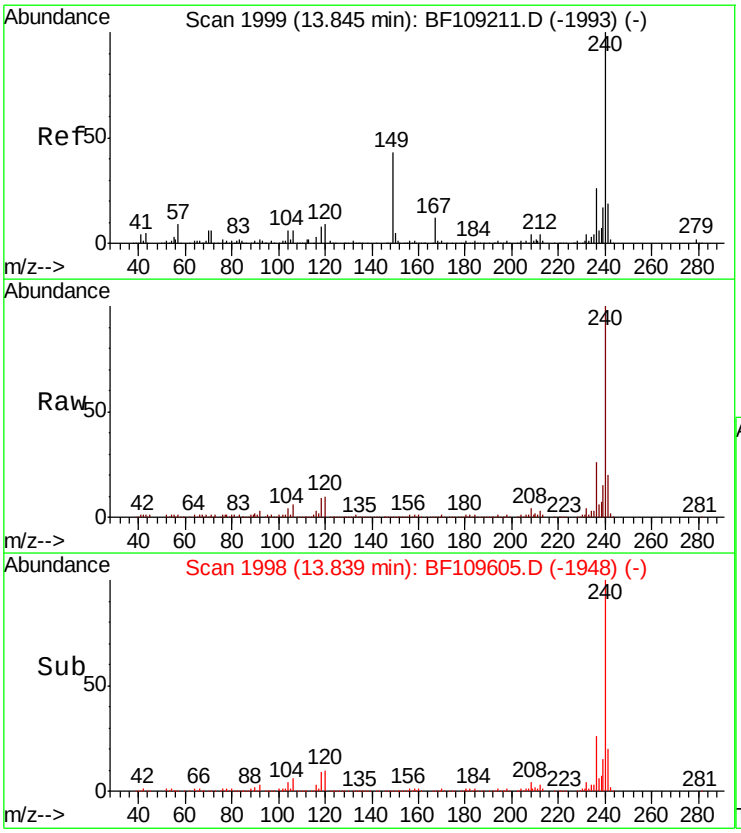
#66
4-Bromophenyl-phenylether
Concen: 3.415 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
BSS-GW1

Tgt Ion:248 Resp: 7659

Ion	Ratio	Lower	Upper
248	100		
250	191.6	76.9	115.3#
141	481.2	74.4	111.6#

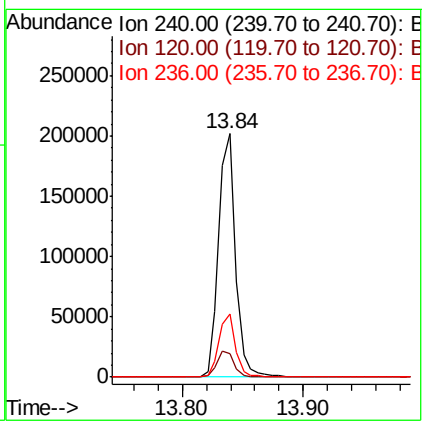


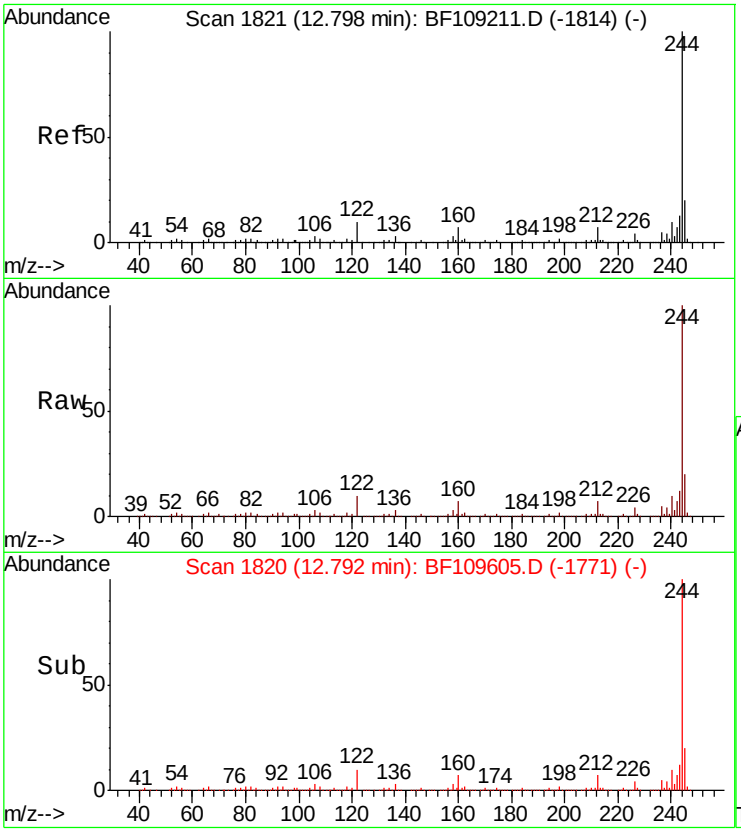


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Tgt Ion:240 Resp: 194800

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3
236	25.7	20.7	31.1



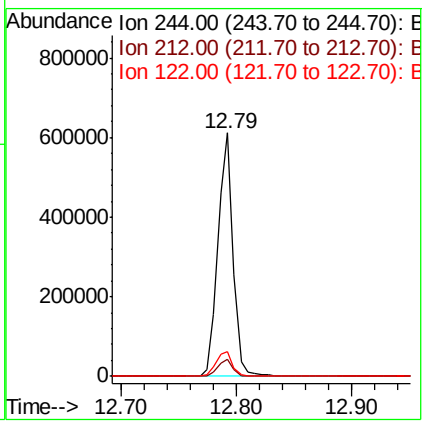


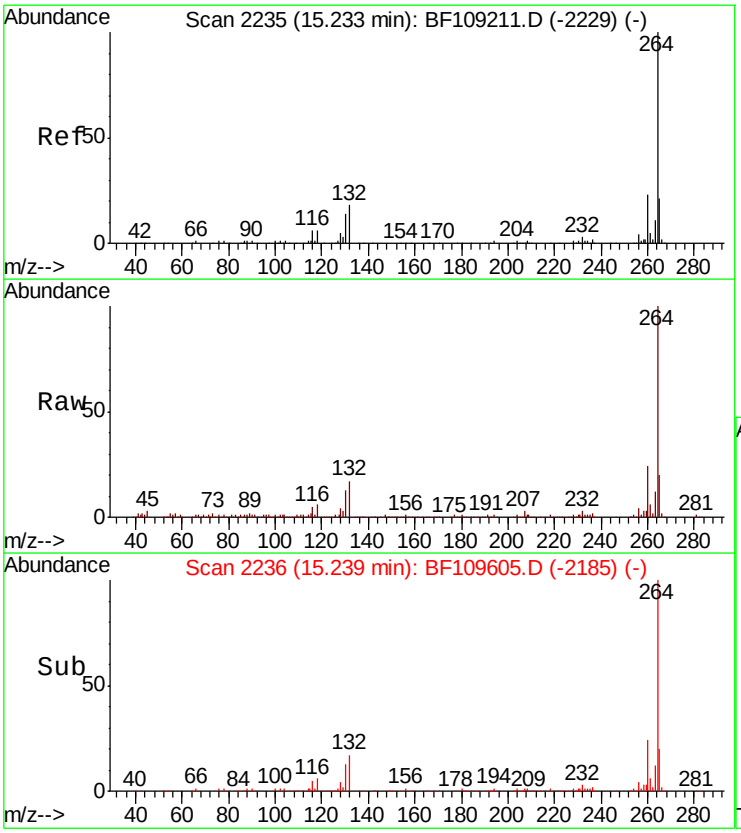
#78
Terphenyl-d14
Concen: 69.971 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
BSS-GW1

Tgt Ion:244 Resp: 555395

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109605.D
Acq: 4 Oct 2018 23:22

Tgt Ion:264 Resp: 198984

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	20.3	17.5	26.3