Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
Data File : BF109598.D
Acq On : 4 Oct 2018 20:18
Operator : JU/SJ
Sample : J5241-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100218-DBRI-E-D-B

Quant Time: Oct 05 01:31:26 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	95659	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	368601	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	165783	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	260553	20.00	ng	0.00
75) Chrysene-d12	13.84	240	211861	20.00	ng	0.00
86) Perylene-d12	15.24	264	224257	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	234049	40.30	ng	0.00
7) Phenol-d6	6.34	99	198084	26.73	ng	-0.02
23) Nitrobenzene-d5	7.27	82	668137	107.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	152749	93.47	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1140142	103.72	ng	-0.01
78) Terphenyl-d14	12.79	244	835263	96.76	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	10640	2.235	ng	# 73
19) n-Nitroso-di-n-propylamine	7.27	70	91158	18.772	ng	# 77
25) Isophorone	7.27	82	651233	57.918	ng	# 64
49) Dimethylphthalate	9.45	163	117300	9.728	ng	99
56) 2,4-Dinitrotoluene	9.73	165	20352	6.735	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.52	198	295	6.764	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9167	3.168	ng	# 1

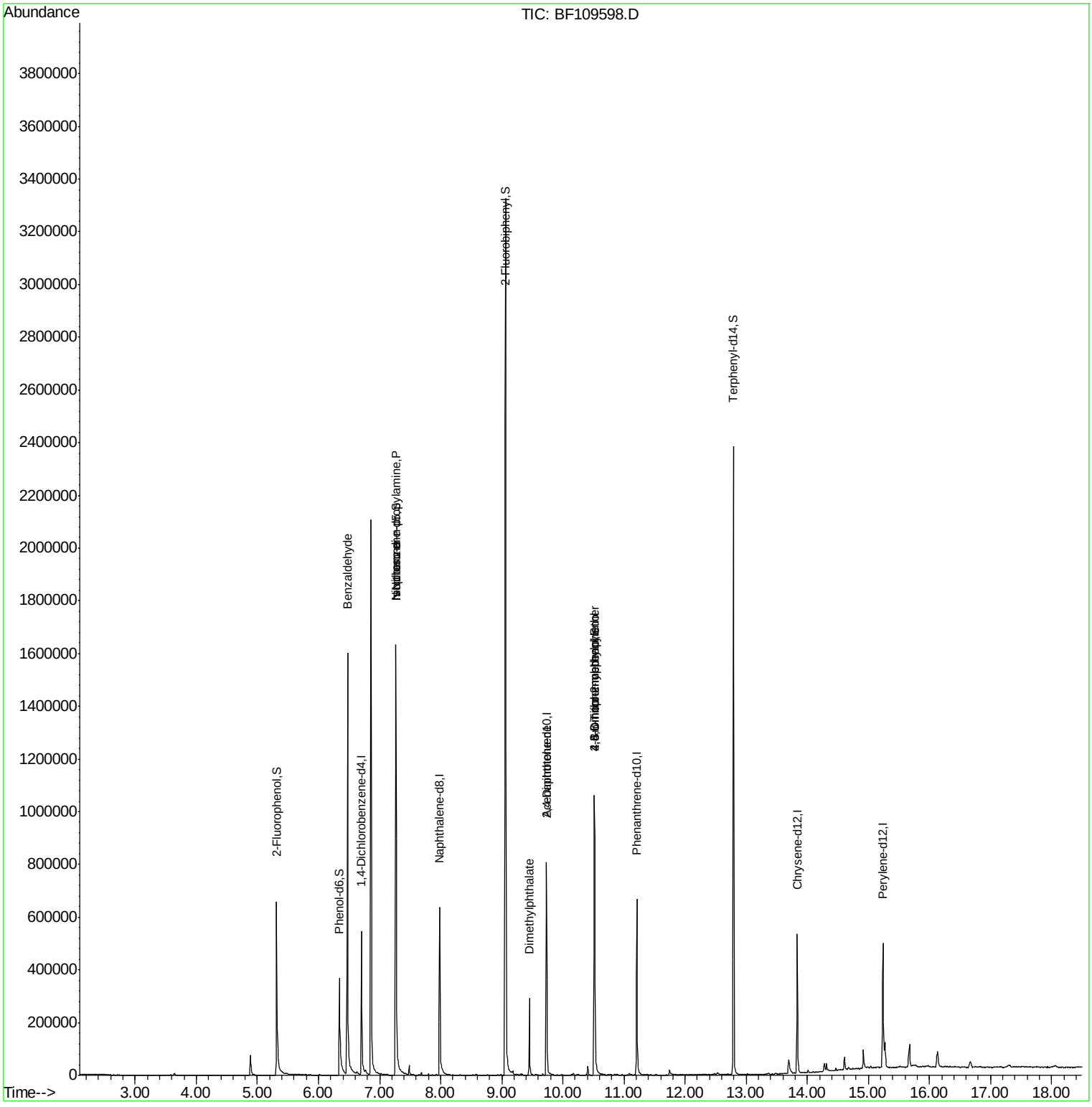
(#) = qualifier out of range (m) = manual integration (+) = signals summed

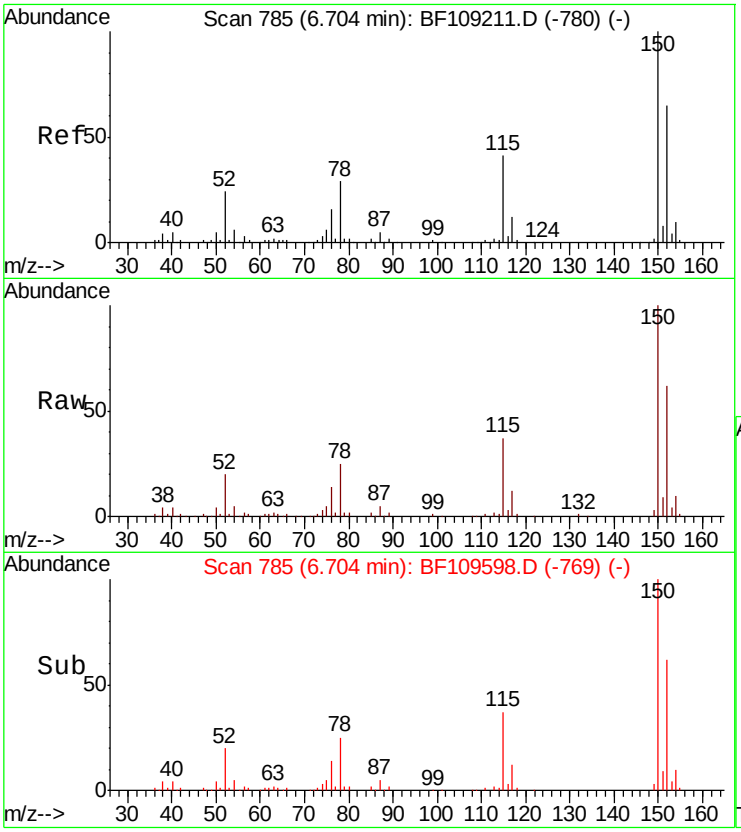
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
Data File : BF109598.D
Acq On : 4 Oct 2018 20:18
Operator : JU/SJ
Sample : J5241-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-B

Quant Time: Oct 05 01:31:26 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



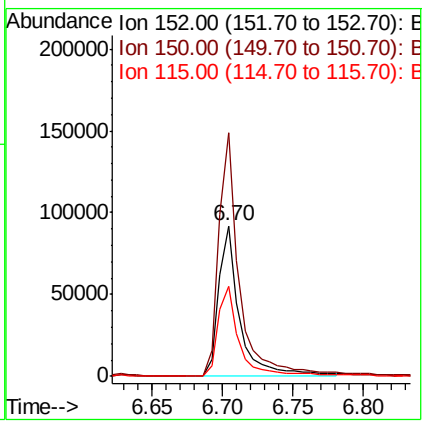


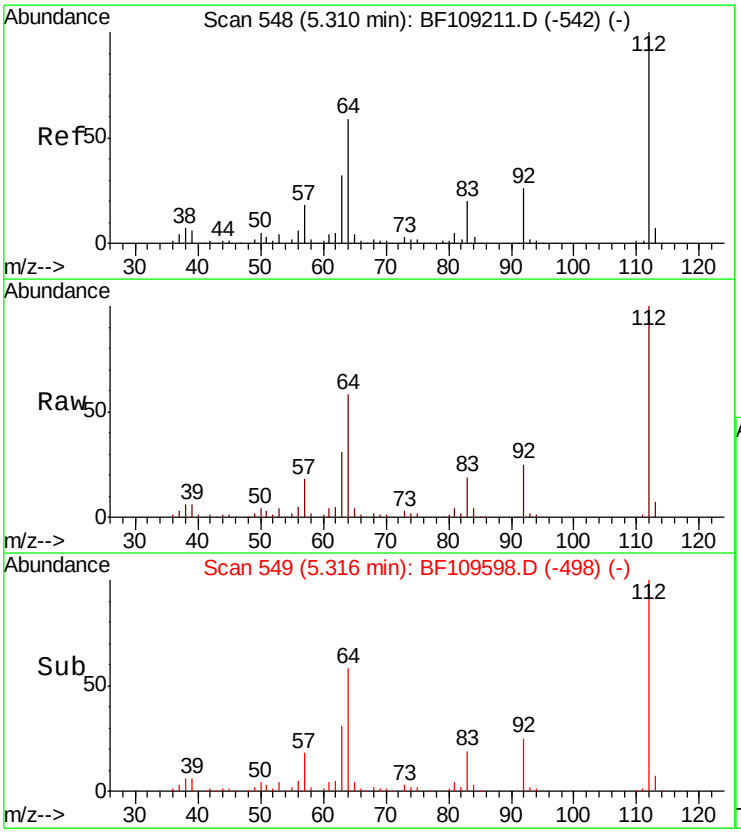
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-B

Tgt Ion:152 Resp: 95659

Ion	Ratio	Lower	Upper
152	100		
150	161.7	124.6	186.8
115	60.2	50.1	75.1

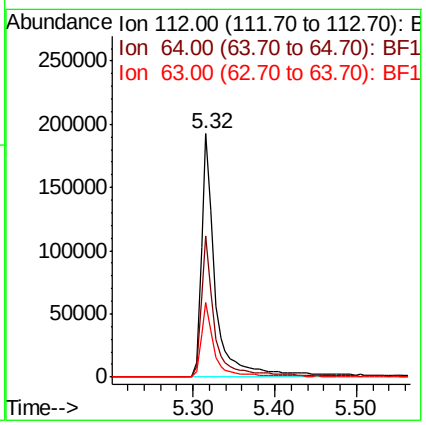


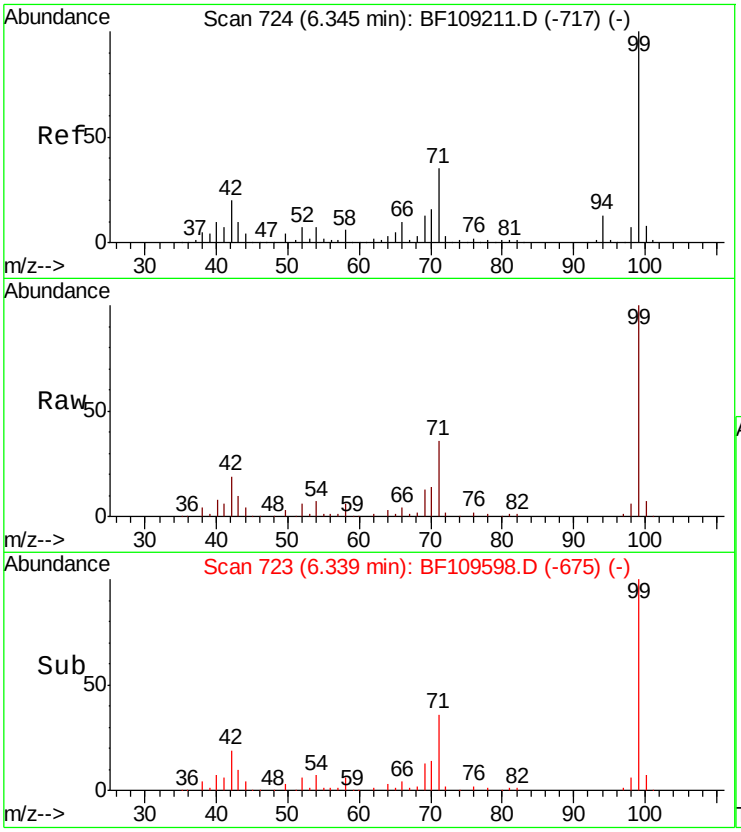


#5
2-Fluorophenol
Concen: 40.299 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Tgt Ion:112 Resp: 234049

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	30.7	23.7	35.5



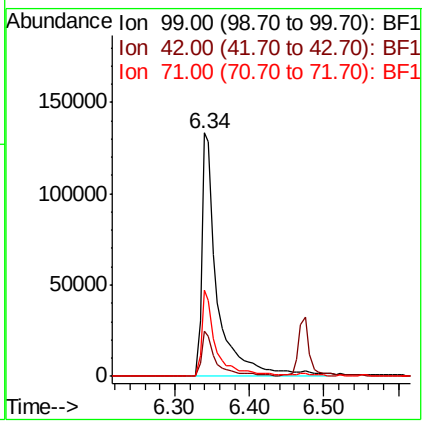


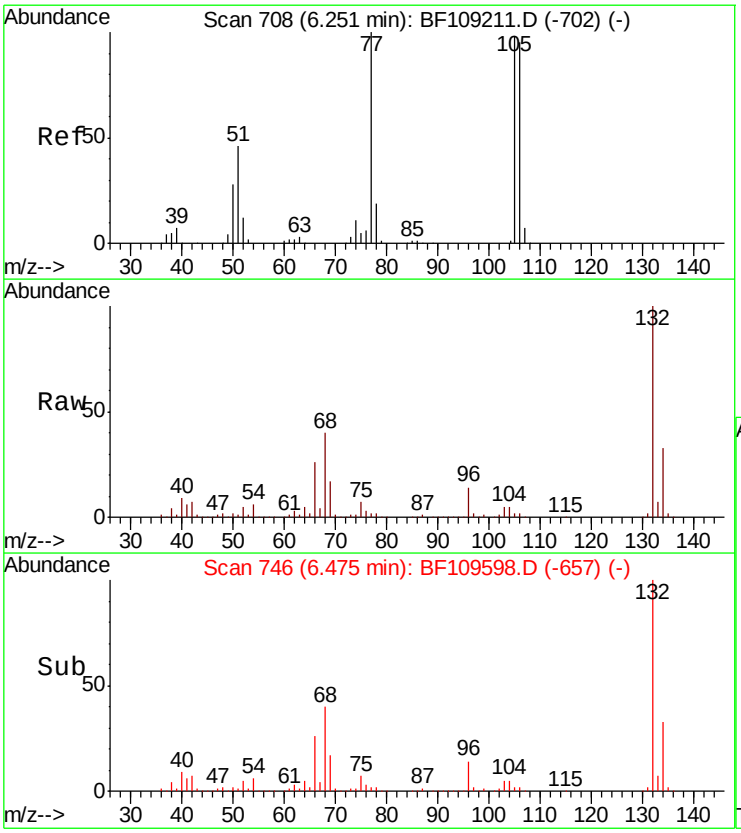
#7
Phenol-d6
Concen: 26.728 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-B

Tgt Ion: 99 Resp: 198084

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	35.6	25.4	38.0

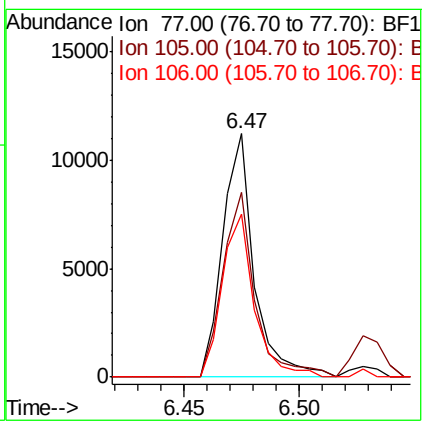


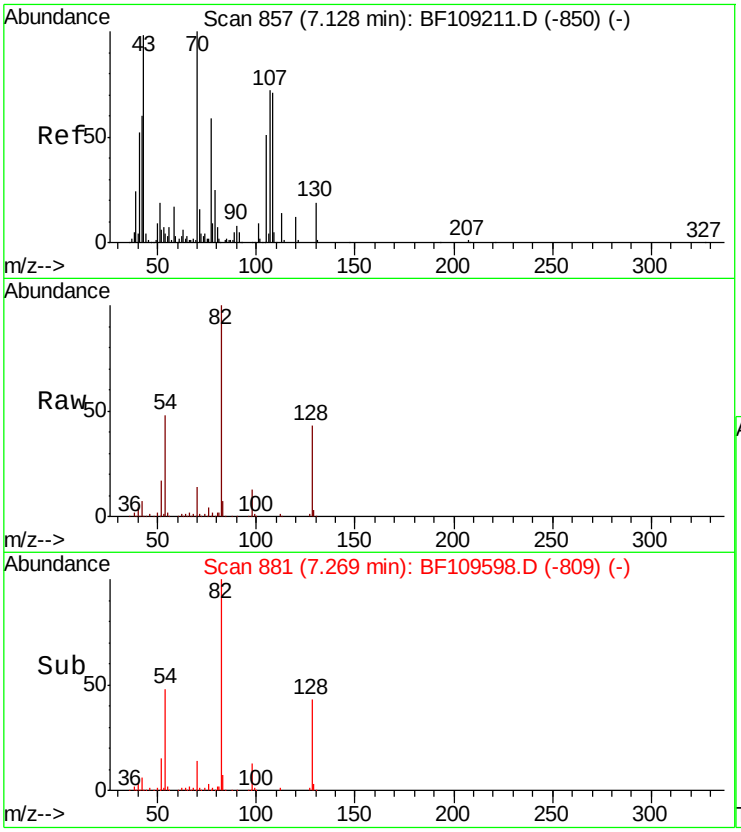


#9
Benzaldehyde
Concen: 2.235 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.22 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Tgt Ion: 77 Resp: 10640

Ion	Ratio	Lower	Upper
77	100		
105	75.6	81.1	121.1#
106	67.1	74.5	114.5#



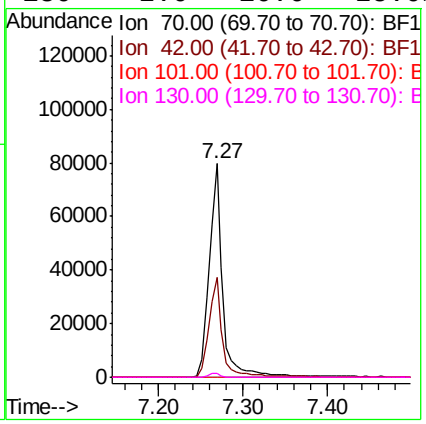


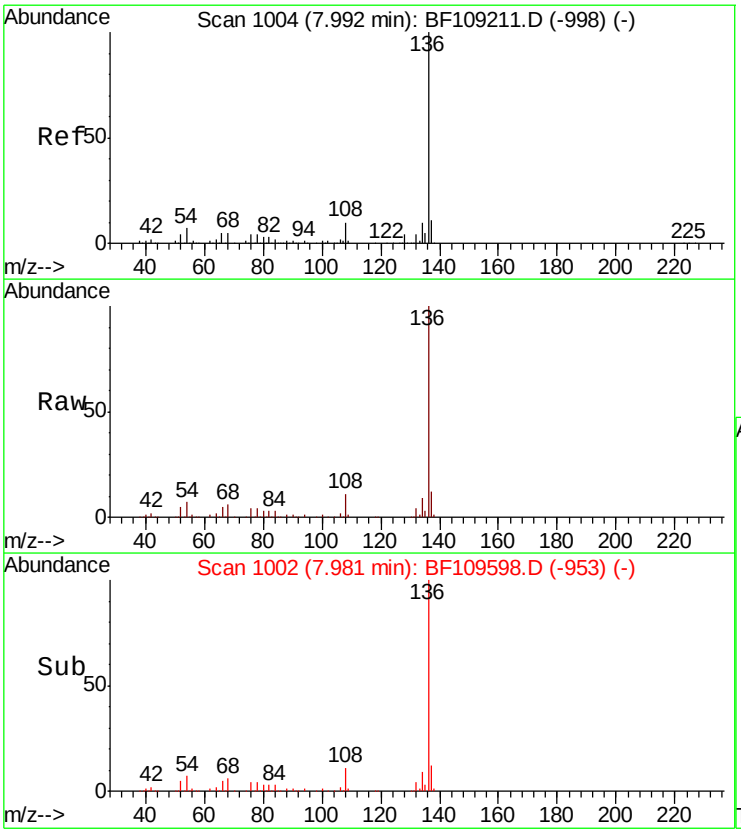
#19
n-Nitroso-di-n-propylamine
Concen: 18.772 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-B

Tgt Ion: 70 Resp: 91158

Ion	Ratio	Lower	Upper
70	100		
42	46.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

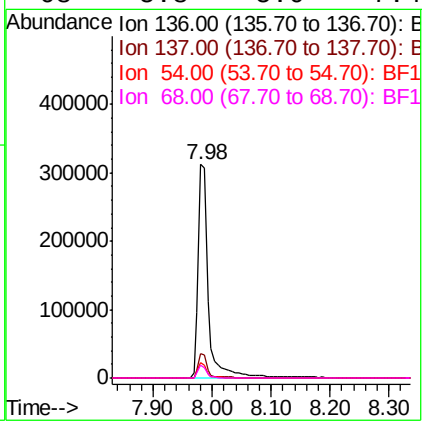


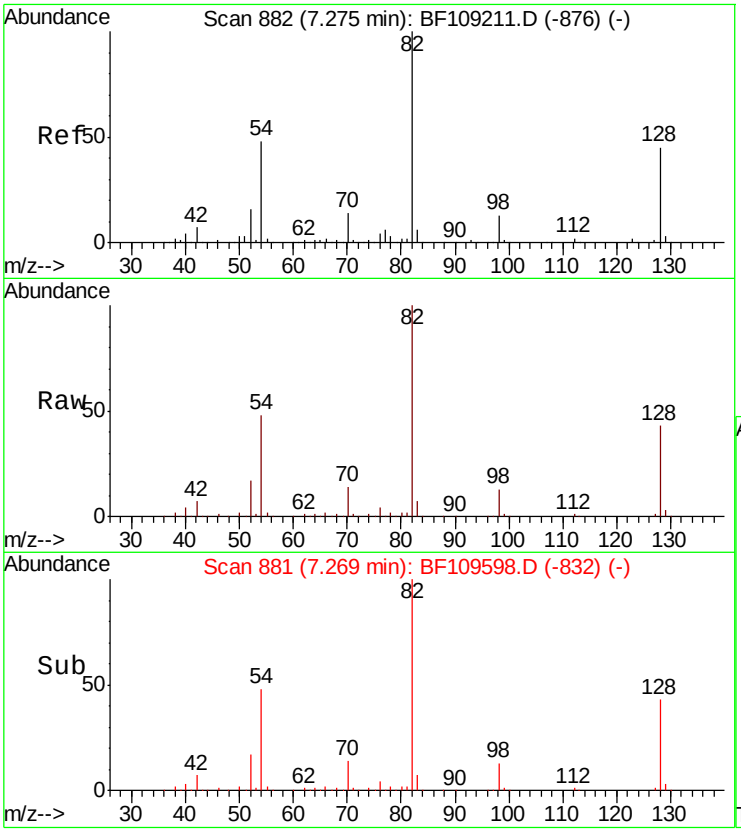


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Tgt Ion:136 Resp: 368601

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.5	6.6	9.8
68	5.8	5.0	7.4



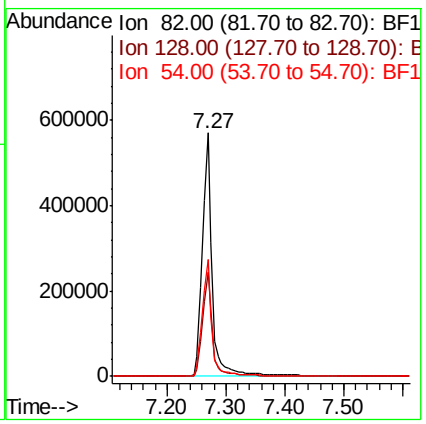


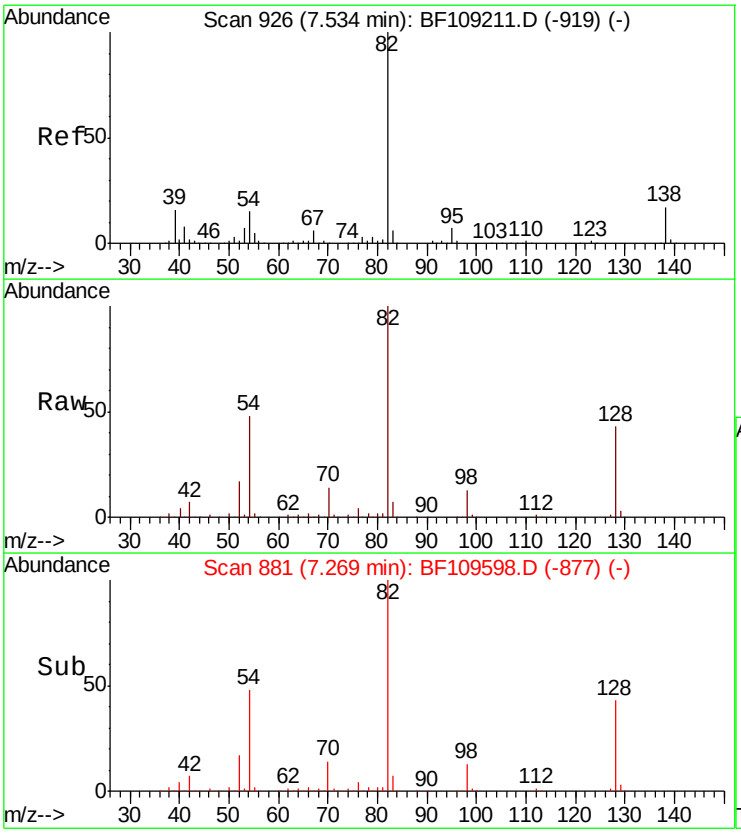
#23
Nitrobenzene-d5
Concen: 107.002 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-B

Tgt Ion: 82 Resp: 668137

Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	48.0	41.4	62.2

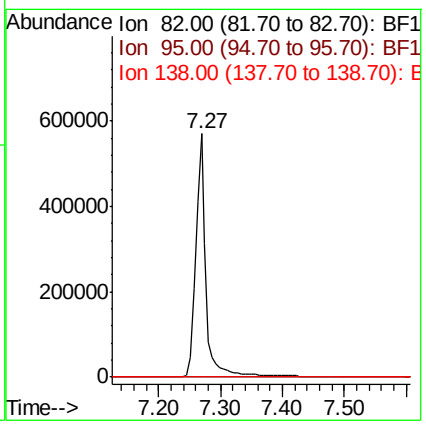


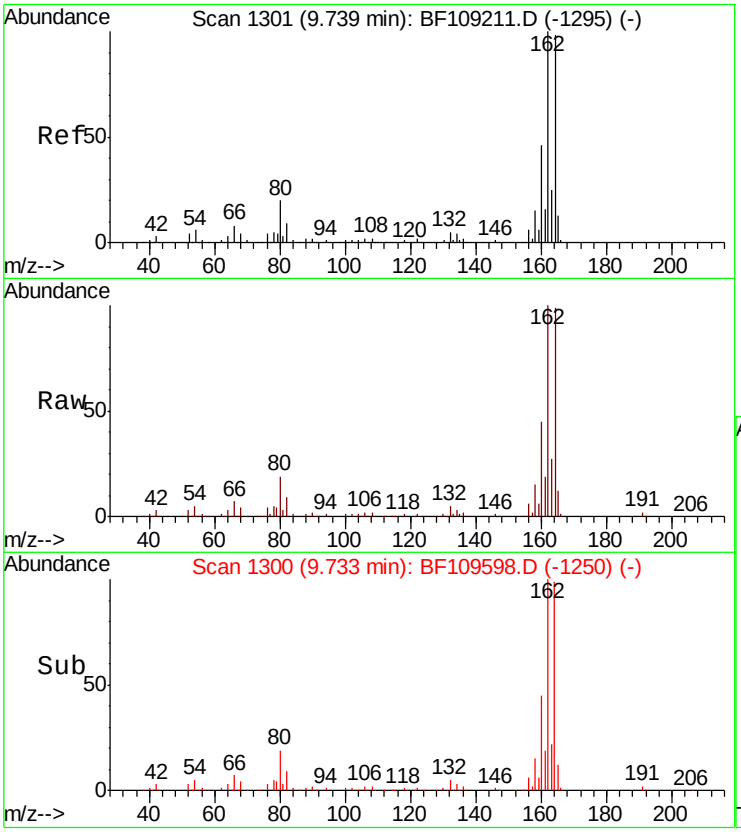


#25
Isophorone
Concen: 57.918 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Tgt Ion: 82 Resp: 651233

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



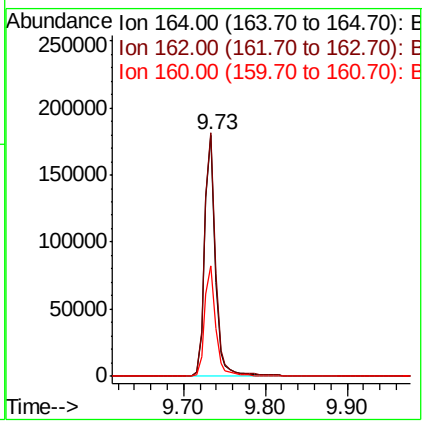


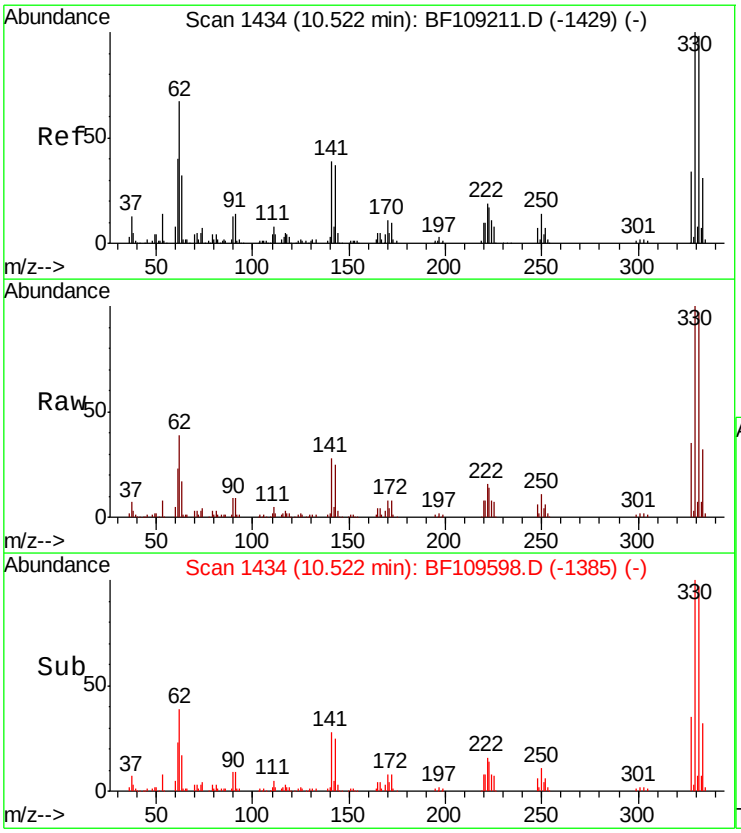
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-B

Tgt Ion:164 Resp: 165783

Ion	Ratio	Lower	Upper
164	100		
162	100.8	86.1	129.1
160	45.8	38.3	57.5

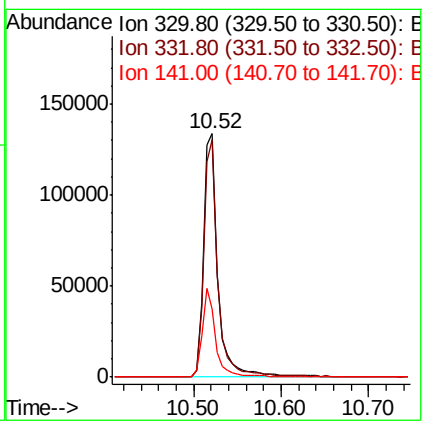


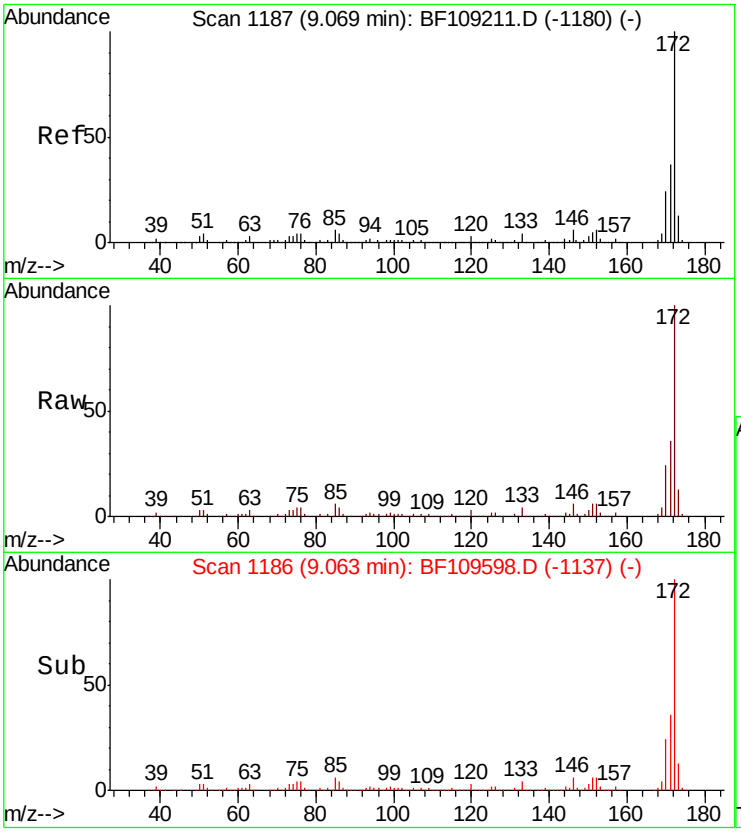


#41
2,4,6-Tribromophenol
Concen: 93.466 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Tgt Ion:330 Resp: 152749

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	33.5	29.9	44.9



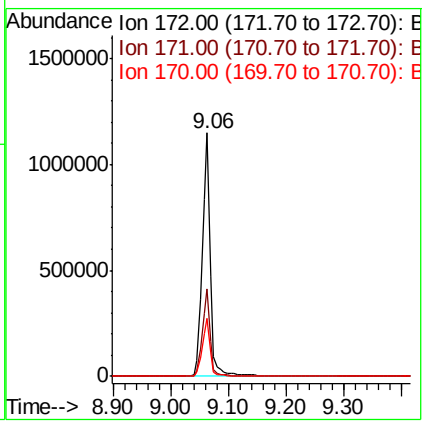


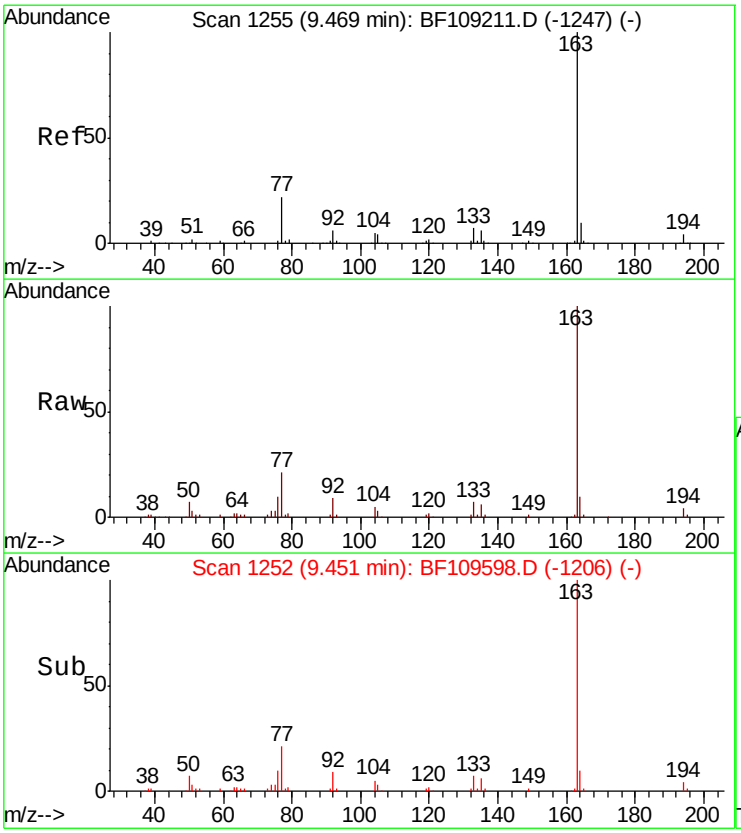
#44
2-Fluorobiphenyl
Concen: 103.723 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-B

Tgt Ion:172 Resp: 1140142

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	19.6	29.4

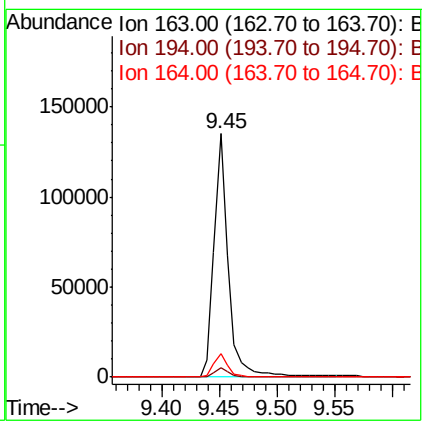


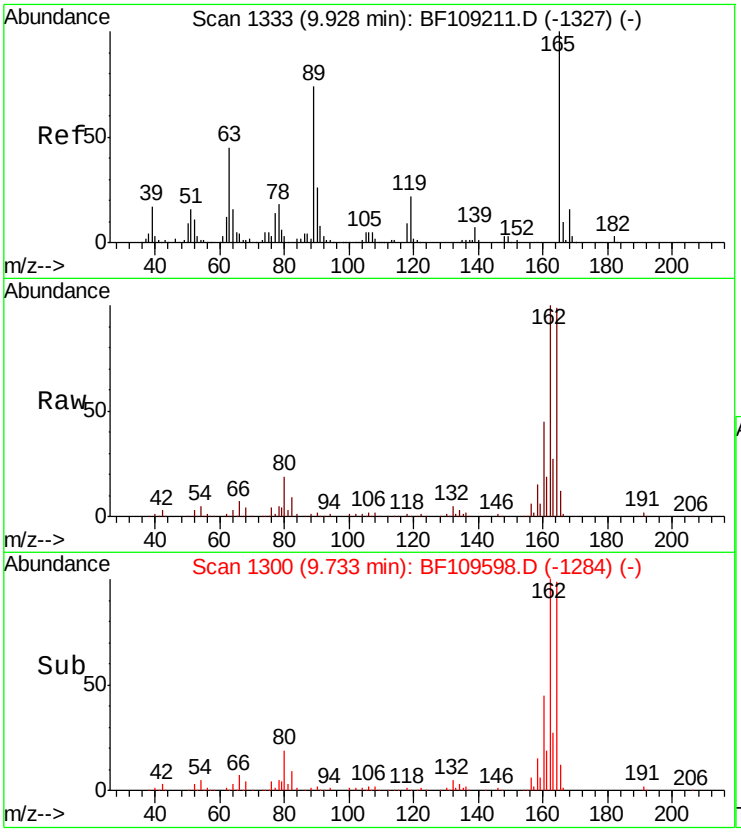


#49
Dimethylphthalate
Concen: 9.728 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Tgt Ion:163 Resp: 117300

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.7	8.2	12.2



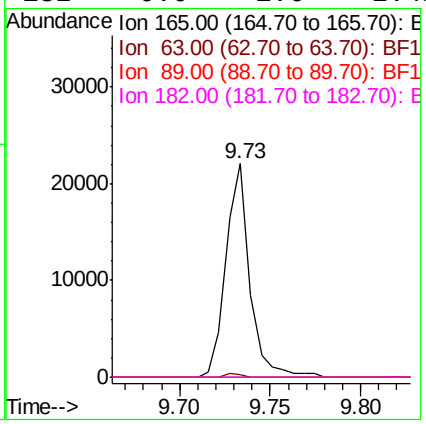


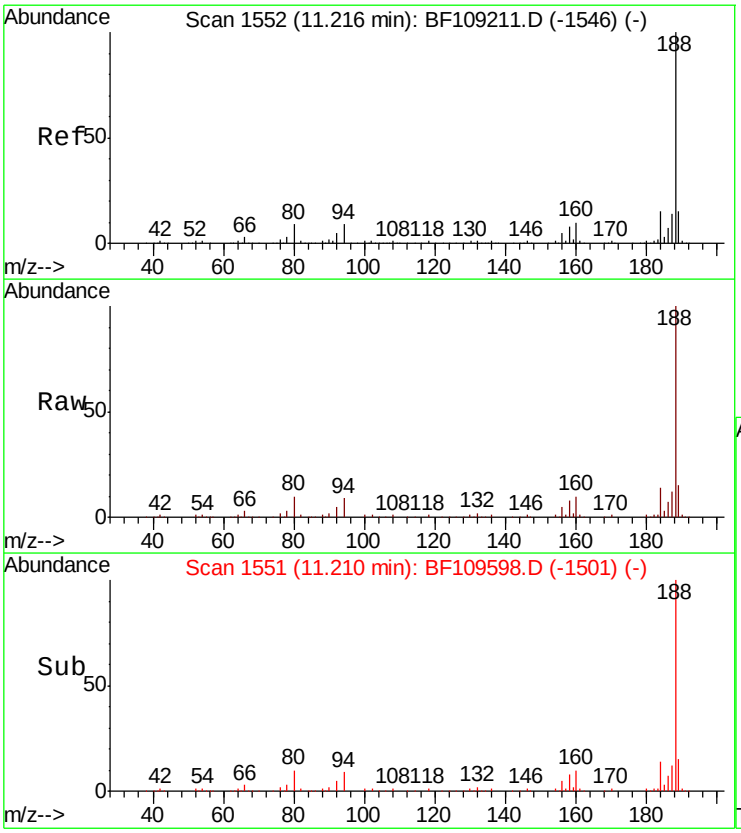
#56
2,4-Dinitrotoluene
Concen: 6.735 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-B

Tgt Ion:165 Resp: 20352

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

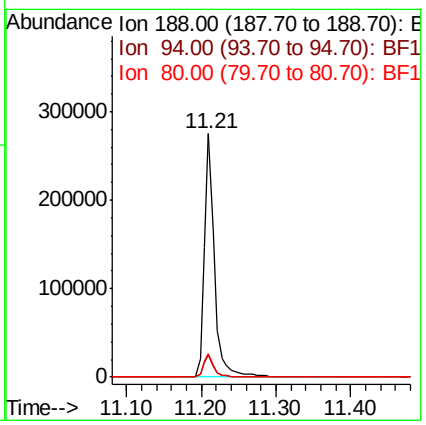


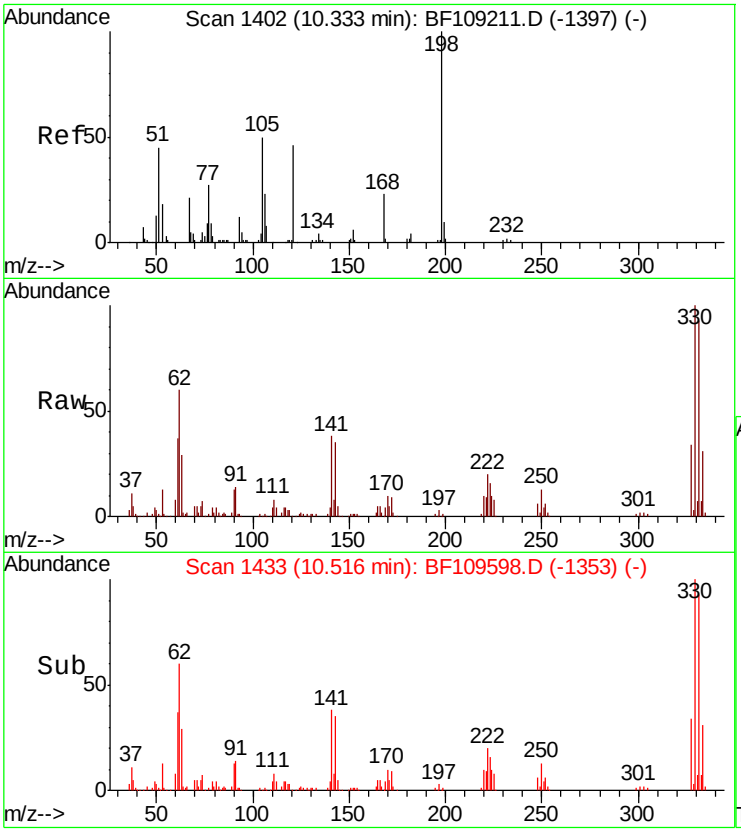


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Tgt Ion:188 Resp: 260553

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.7	9.2	13.8



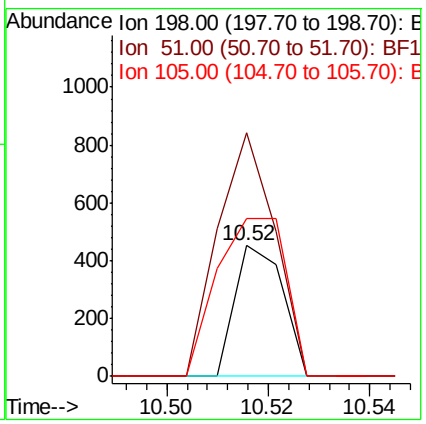


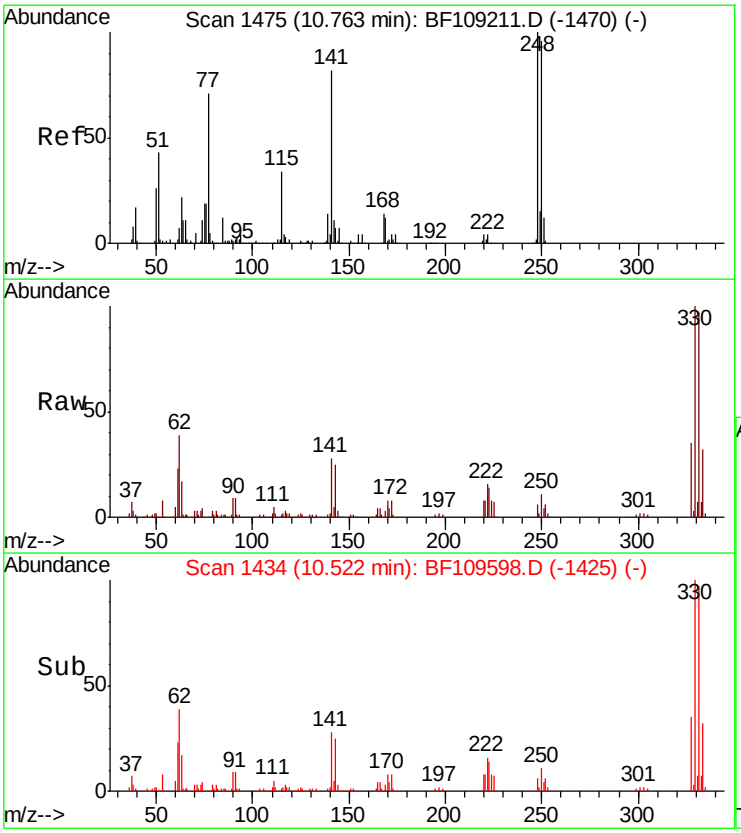
#64
4,6-Dinitro-2-methylphenol
Concen: 6.764 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-B

Tgt Ion:198 Resp: 295

Ion	Ratio	Lower	Upper
198	100		
51	186.3	37.7	77.7#
105	121.2	36.3	76.3#

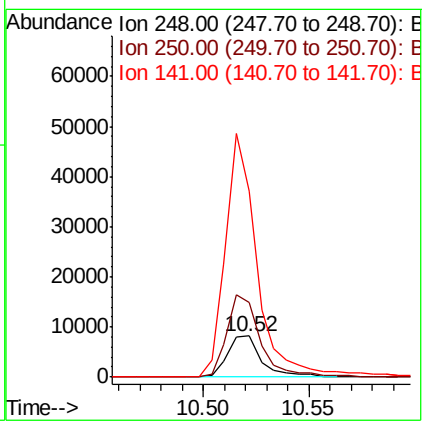


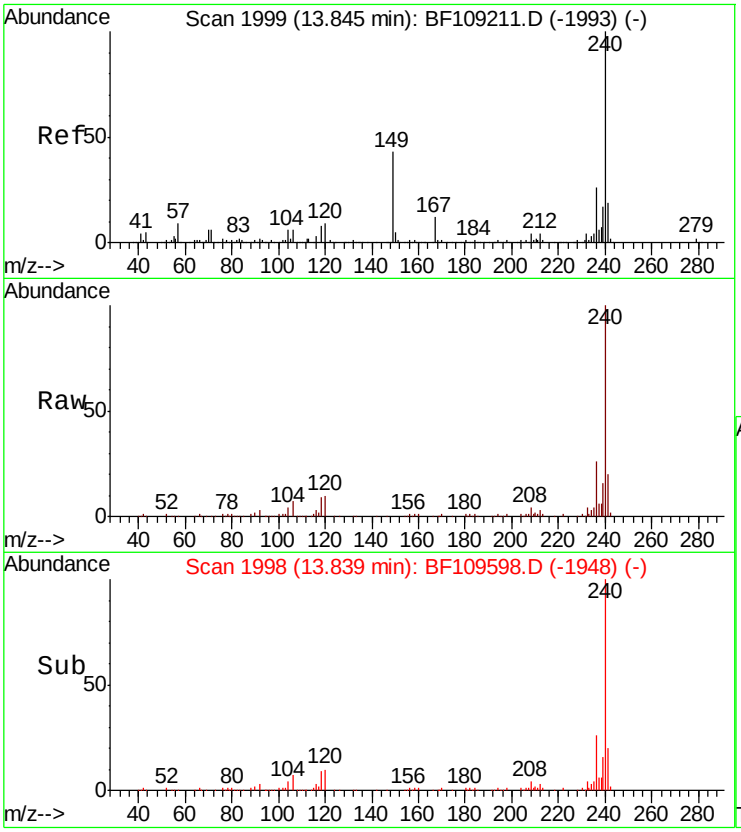


#66
4-Bromophenyl-phenylether
Concen: 3.168 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Tgt Ion:248 Resp: 9167

Ion	Ratio	Lower	Upper
248	100		
250	182.4	76.9	115.3#
141	455.0	74.4	111.6#



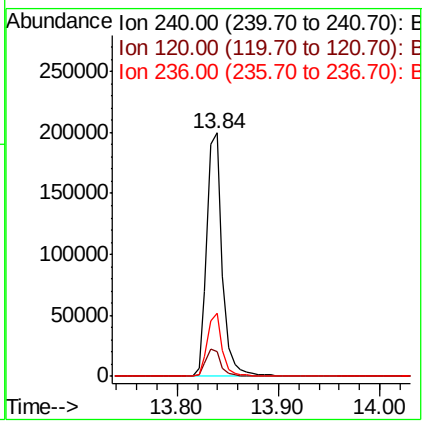


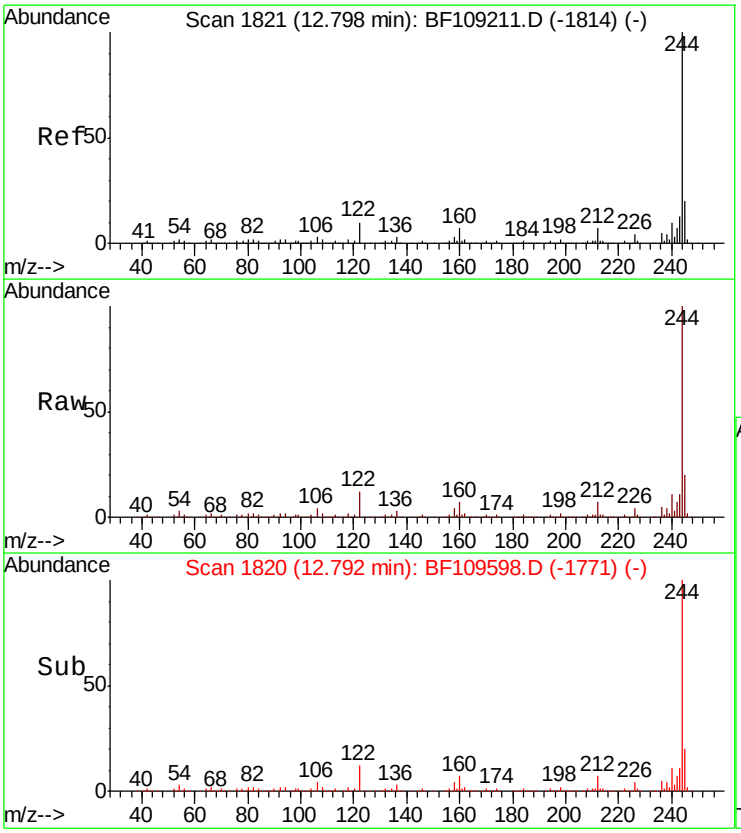
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-B

Tgt Ion:240 Resp: 211861

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.0	20.7	31.1

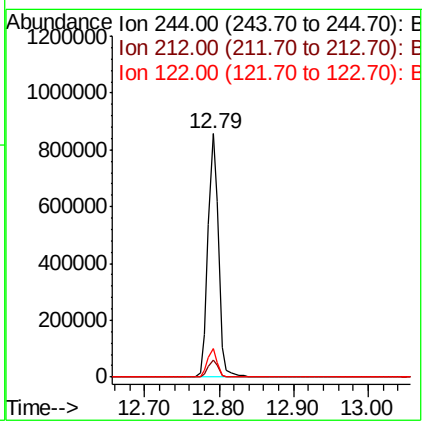


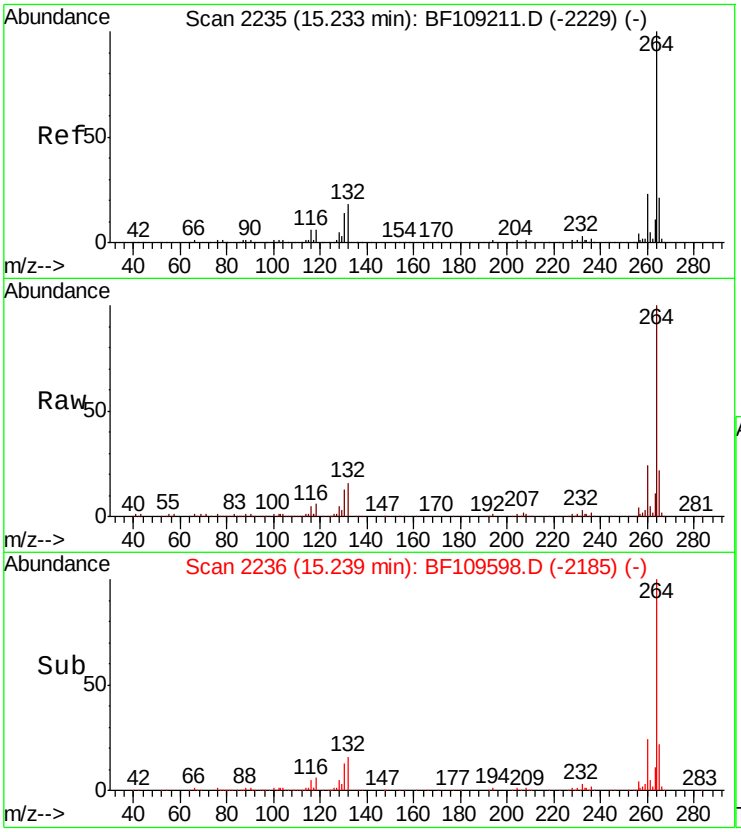


#78
Terphenyl-d14
Concen: 96.756 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109598.D
Acq: 4 Oct 2018 20:18

Tgt Ion:244 Resp: 835263

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.6	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: BF109598.D
Acq: 4 Oct 2018 20:18

Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-B

Tgt Ion:264 Resp: 224257

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.5	26.3