Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
Data File : BF109603.D
Acq On : 4 Oct 2018 22:29
Operator : JU/SJ
Sample : J5214-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N48963

Quant Time: Oct 05 01:32:22 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	92993	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	355031	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	154475	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	257253	20.00	ng		0.00
75) Chrysene-d12	13.84	240	214548	20.00	ng		0.00
86) Perylene-d12	15.24	264	221456	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	266366	47.18	ng		0.00
7) Phenol-d6	6.35	99	211227	29.32	ng		-0.01
23) Nitrobenzene-d5	7.27	82	502472	83.55	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	176809	116.11	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	893715	87.26	ng		-0.01
78) Terphenyl-d14	12.79	244	694215	79.41	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.47	77	12169	2.629	ng	#	73
10) Phenol	6.36	94	18173	2.227	ng		77
19) n-Nitroso-di-n-propylamine	7.27	70	66987	14.190	ng	#	76
25) Isophorone	7.27	82	485768	44.853	ng	#	64
49) Dimethylphthalate	9.45	163	76769	6.833	ng		100
56) 2,4-Dinitrotoluene	9.73	165	19984	7.098	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.53	198	429	6.880	ng	#	34
66) 4-Bromophenyl-phenylether	10.52	248	10574	3.701	ng	#	1

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

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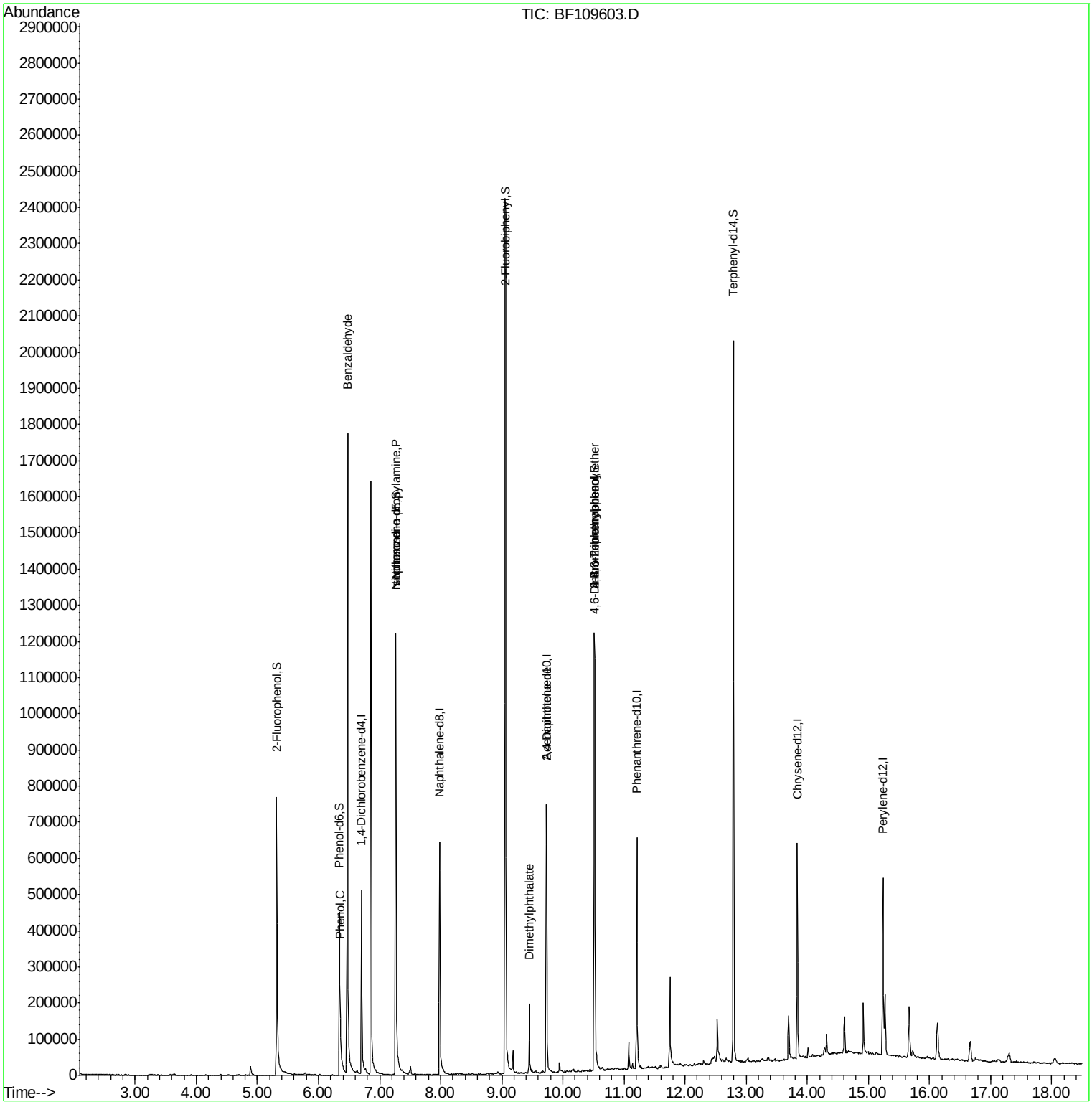
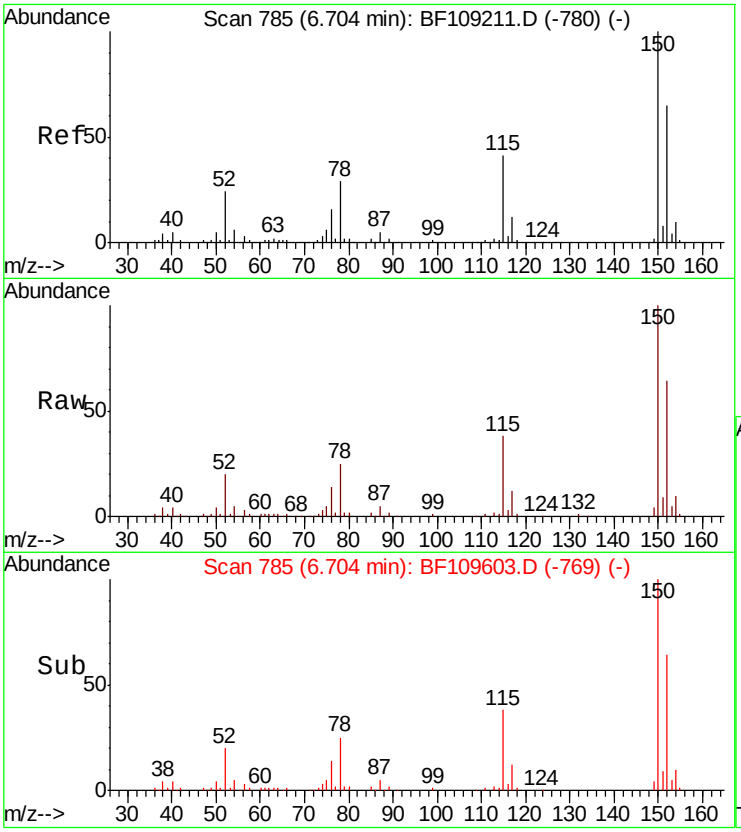


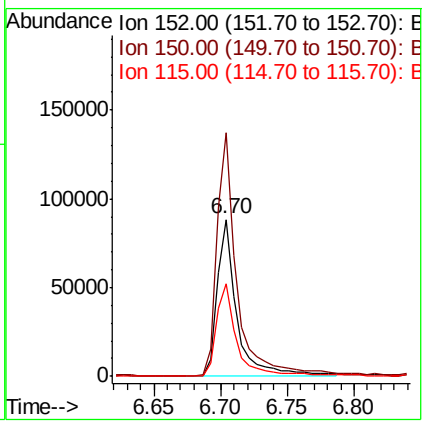


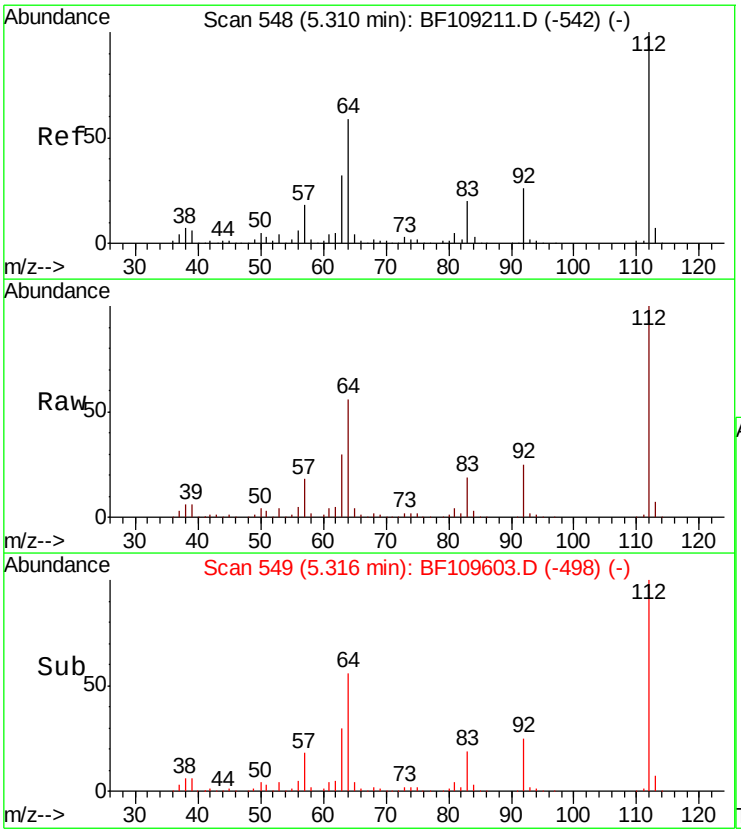
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Instrument :
BNA_F
ClientSampleId :
N48963

Tgt Ion:152 Resp: 92993

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	59.1	50.1	75.1

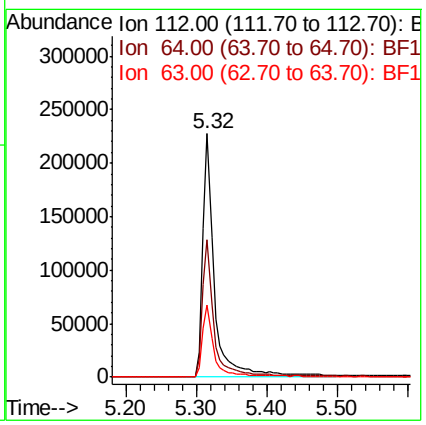


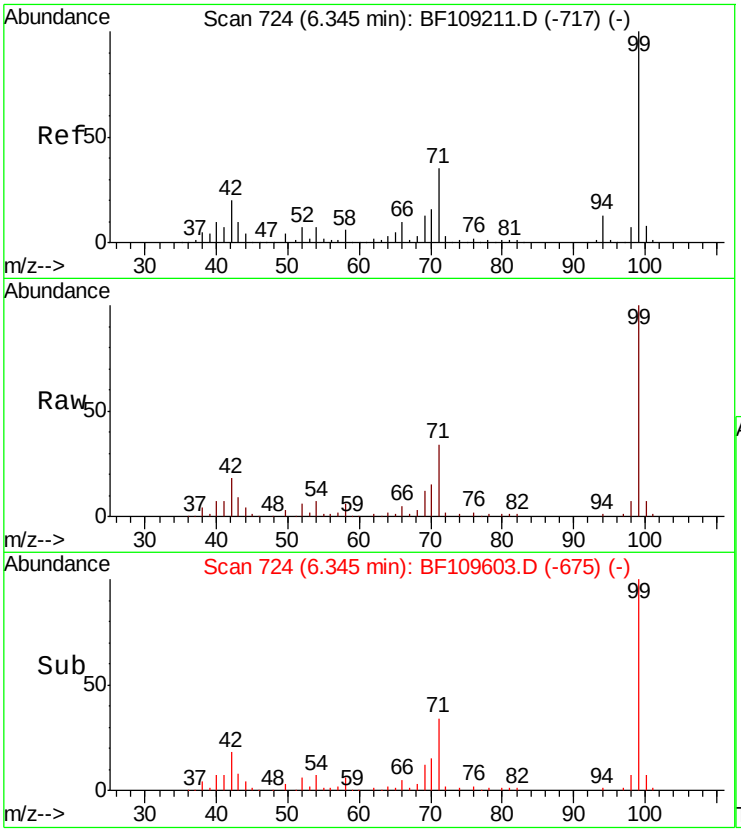


#5
2-Fluorophenol
Concen: 47.178 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Tgt Ion:112 Resp: 266366

Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	29.8	23.7	35.5



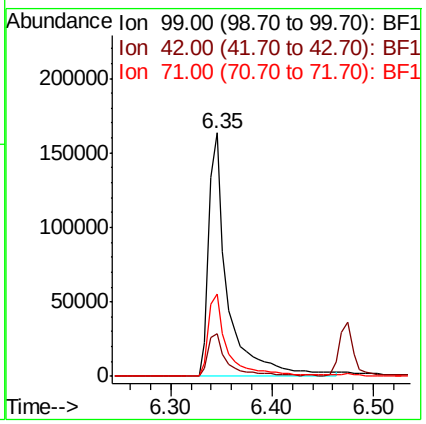


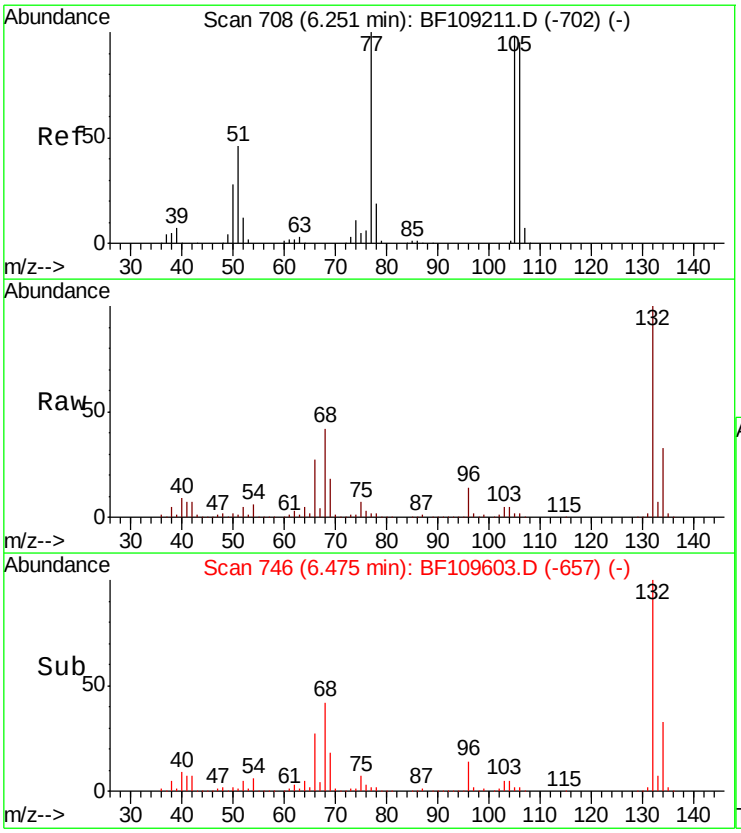
#7
Phenol-d6
Concen: 29.319 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Instrument :
BNA_F
ClientSampleId :
N48963

Tgt Ion: 99 Resp: 211227

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.5	21.7
71	33.8	25.4	38.0

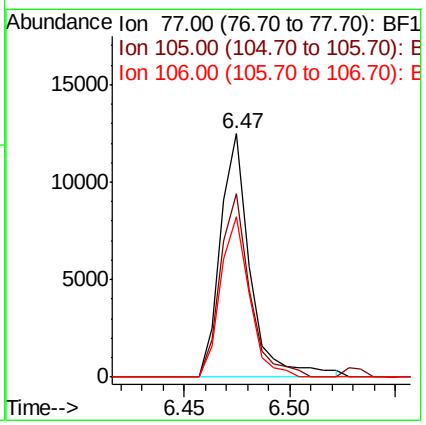


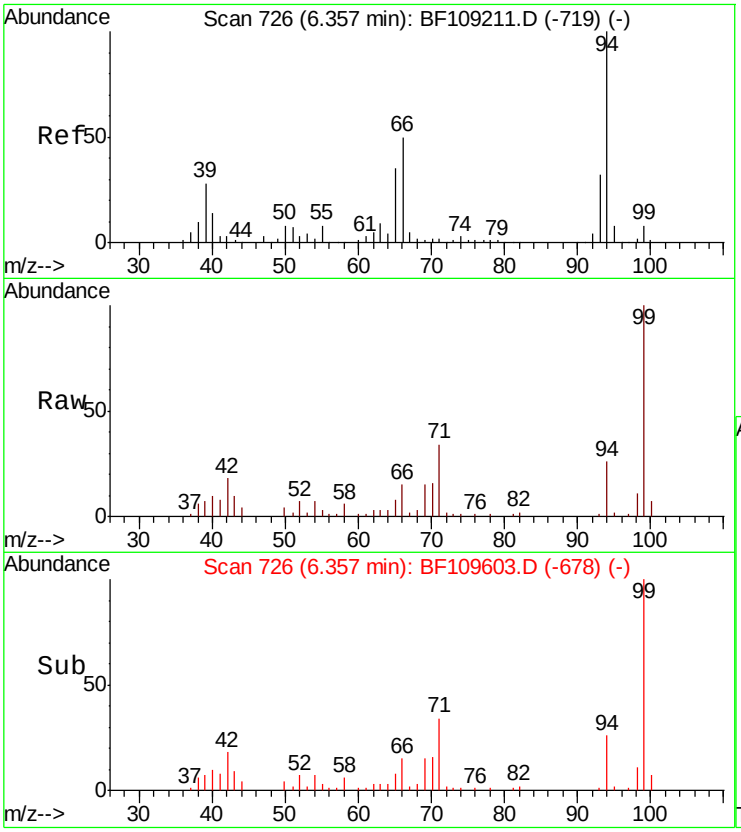


#9
Benzaldehyde
Concen: 2.629 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.22 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Tgt Ion: 77 Resp: 12169

Ion	Ratio	Lower	Upper
77	100		
105	75.5	81.1	121.1#
106	66.1	74.5	114.5#



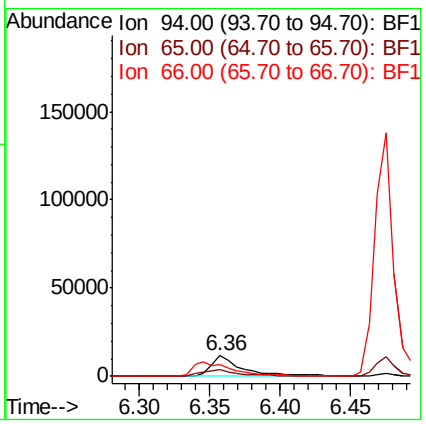


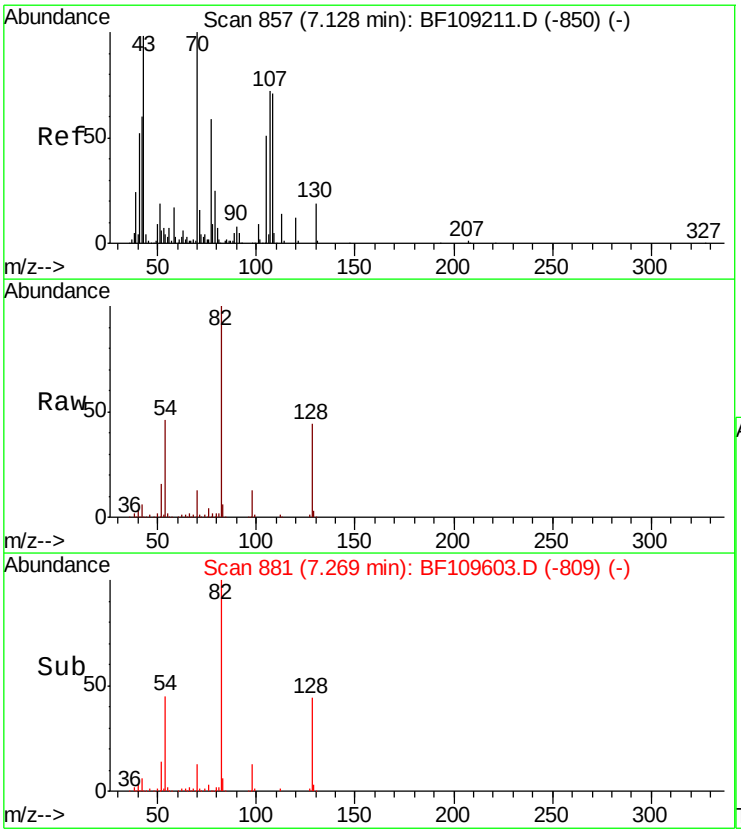
#10
Phenol
Concen: 2.227 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Instrument :
BNA_F
ClientSampleId :
N48963

Tgt Ion: 94 Resp: 18173

Ion	Ratio	Lower	Upper
94	100		
65	32.1	7.9	47.9
66	56.2	16.2	56.2

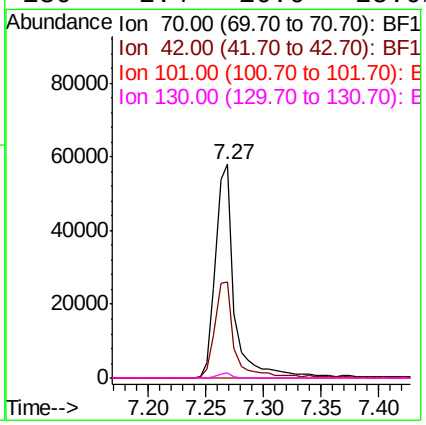


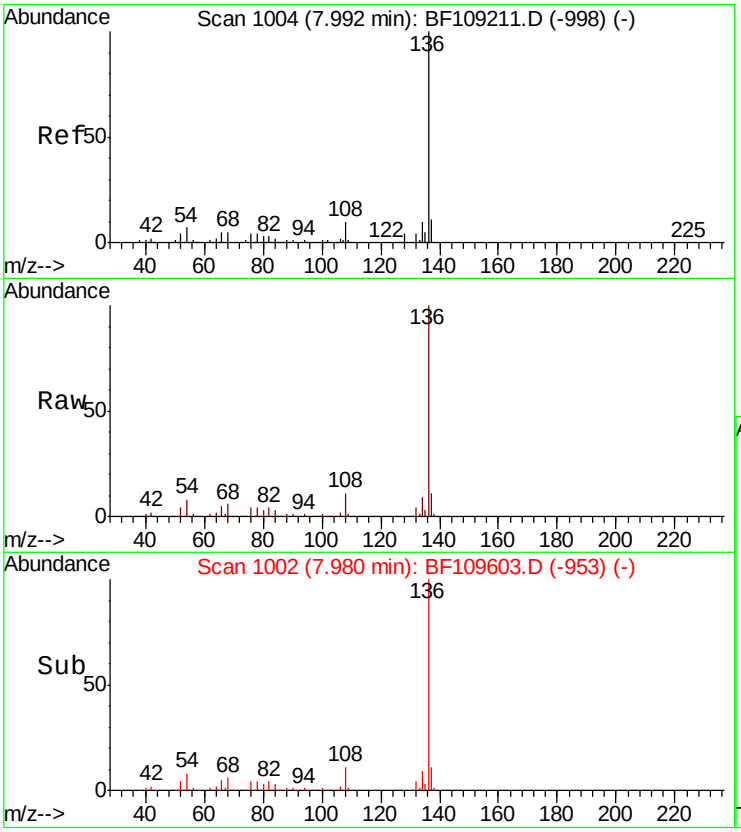


#19
n-Nitroso-di-n-propylamine
Concen: 14.190 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Tgt Ion: 70 Resp: 66987

Ion	Ratio	Lower	Upper
70	100		
42	45.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



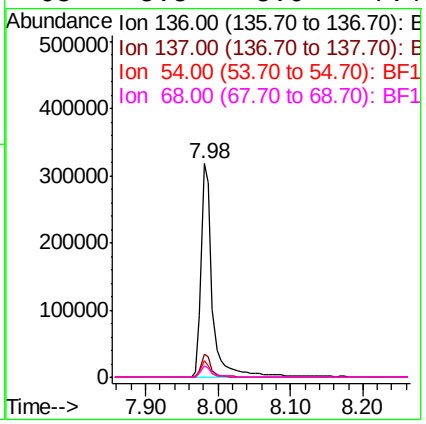


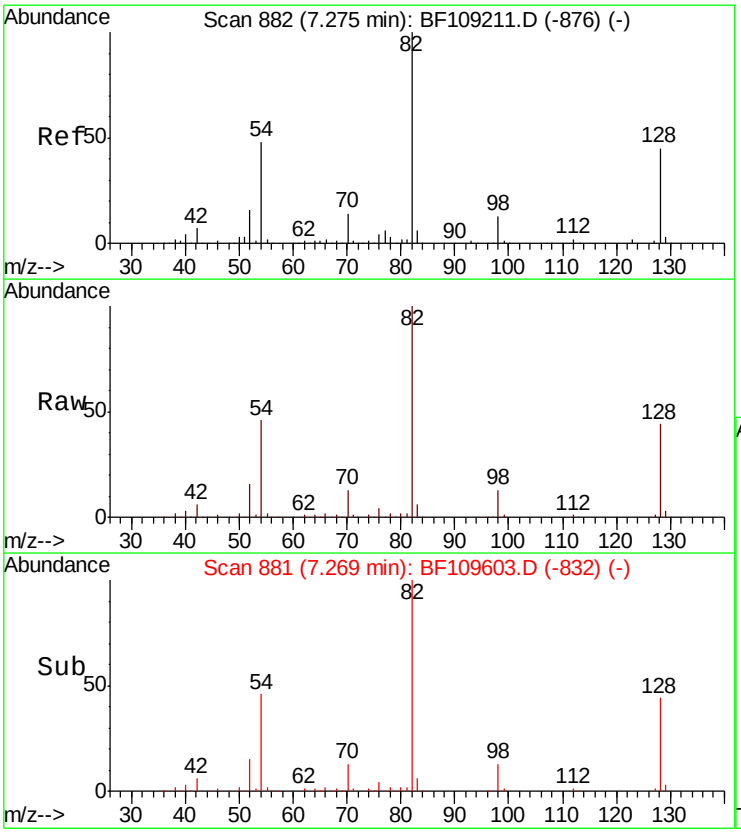
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Instrument :
BNA_F
ClientSampleId :
N48963

Tgt Ion:136 Resp: 355031

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	6.6	9.8
68	5.5	5.0	7.4

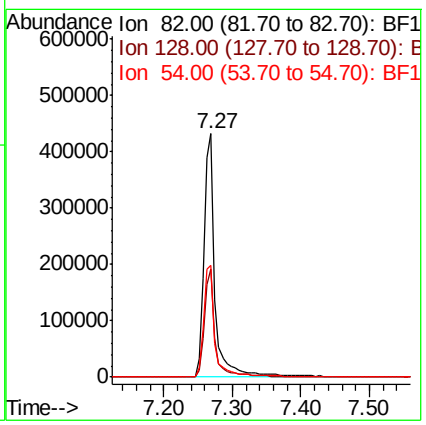


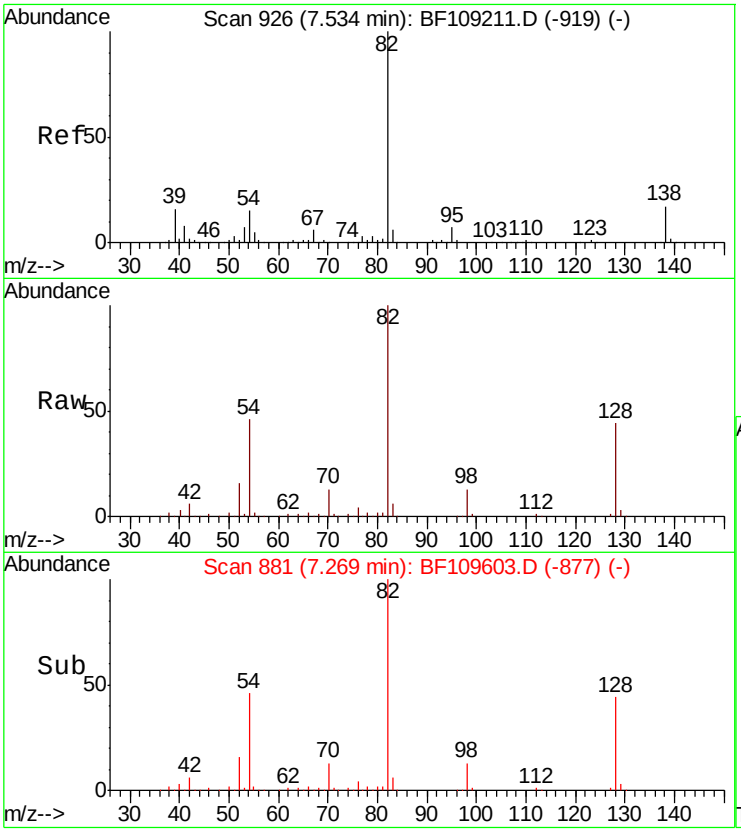


#23
Nitrobenzene-d5
Concen: 83.547 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Tgt Ion: 82 Resp: 502472

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	45.8	41.4	62.2



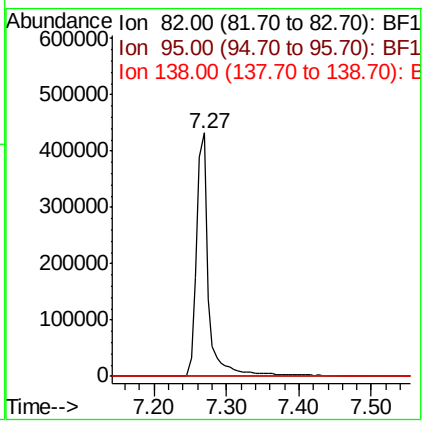


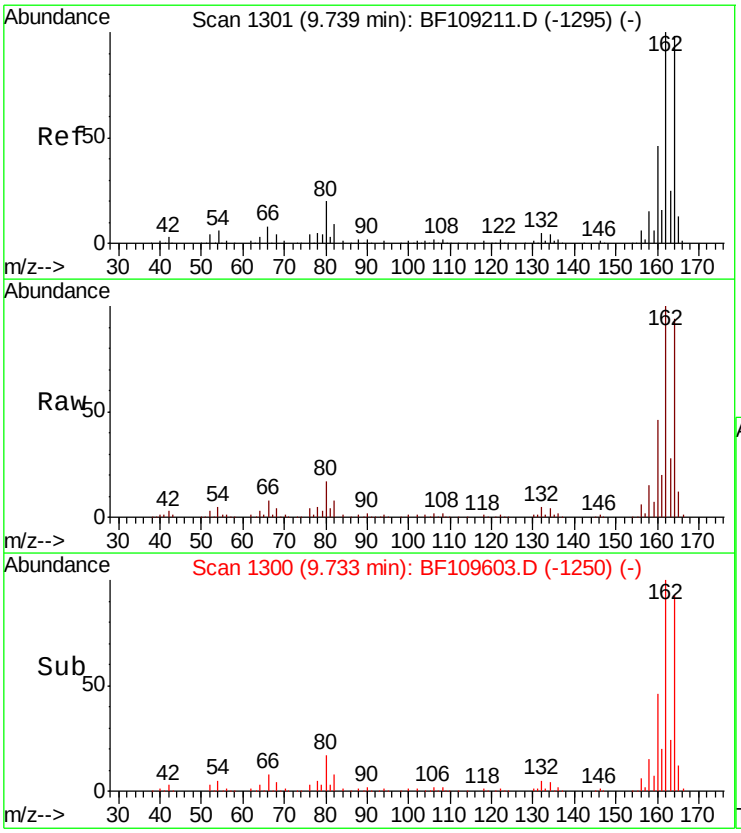
#25
Isophorone
Concen: 44.853 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Instrument :
BNA_F
ClientSampleId :
N48963

Tgt Ion: 82 Resp: 485768

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

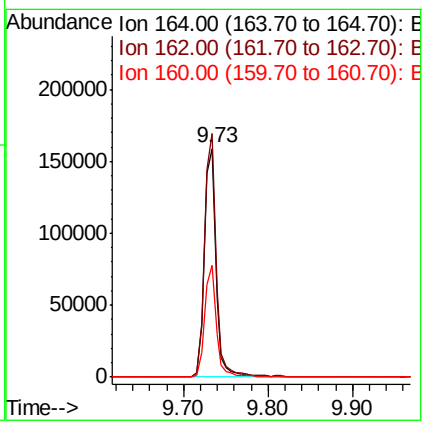


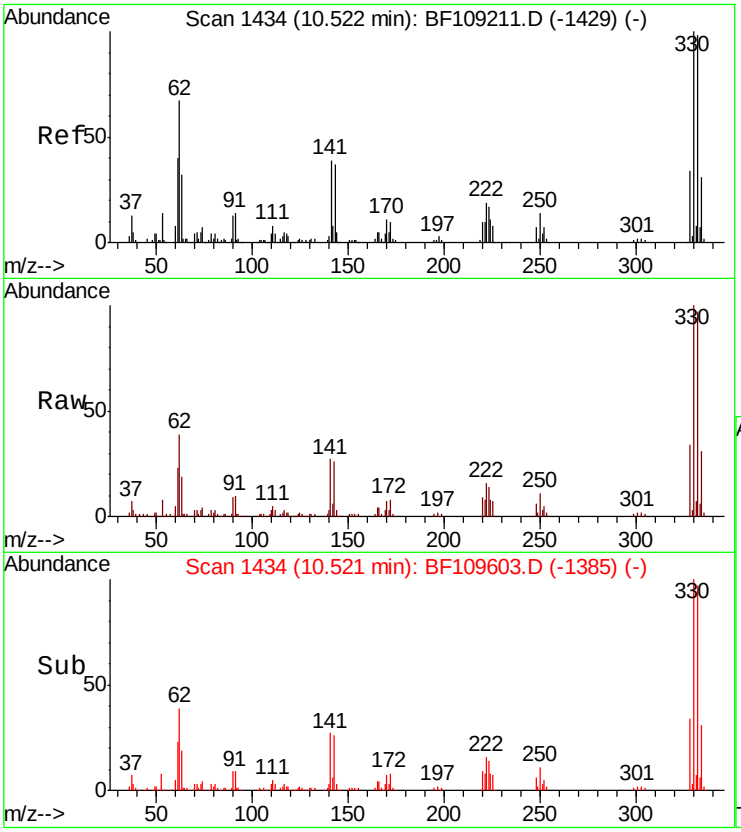


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Tgt Ion:164 Resp: 154475

Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.1	129.1
160	48.9	38.3	57.5



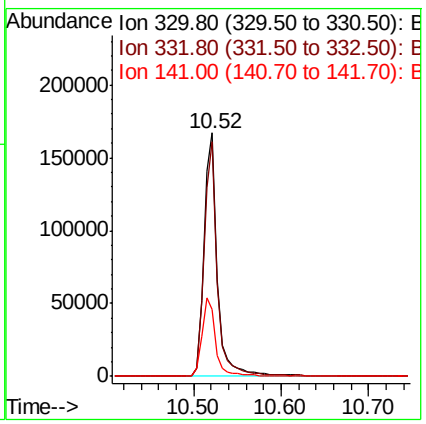


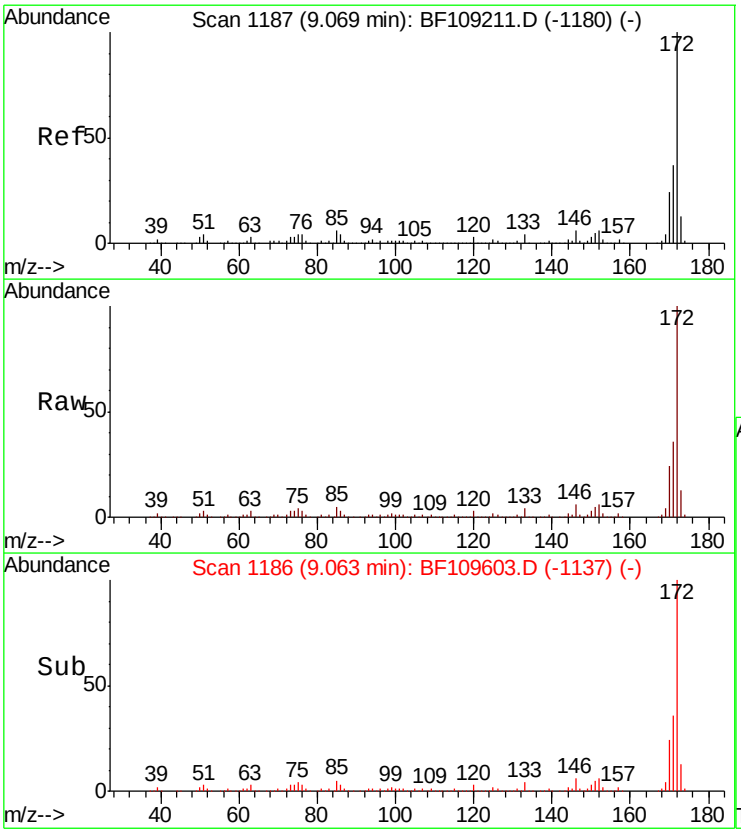
#41
2,4,6-Tribromophenol
Concen: 116.108 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Instrument :
BNA_F
ClientSampleId :
N48963

Tgt Ion:330 Resp: 176809

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	33.8	29.9	44.9

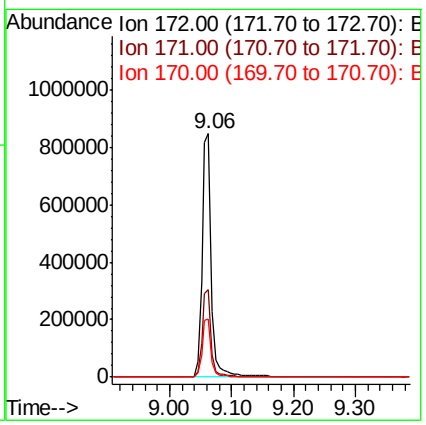


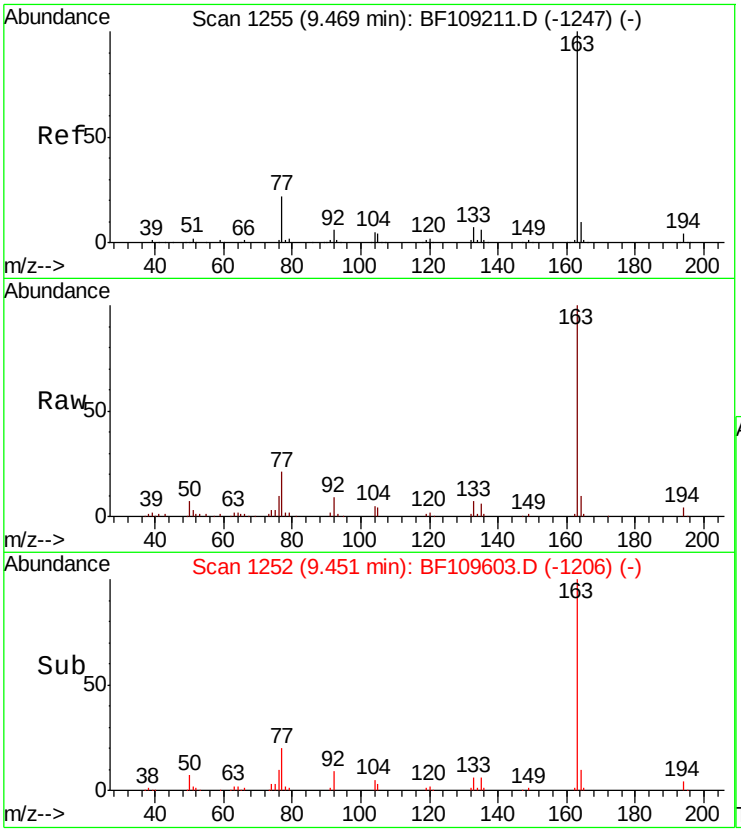


#44
2-Fluorobiphenyl
Concen: 87.256 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Tgt Ion:172 Resp: 893715

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.8	19.6	29.4



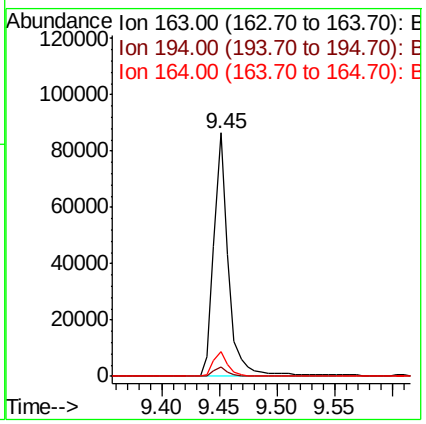


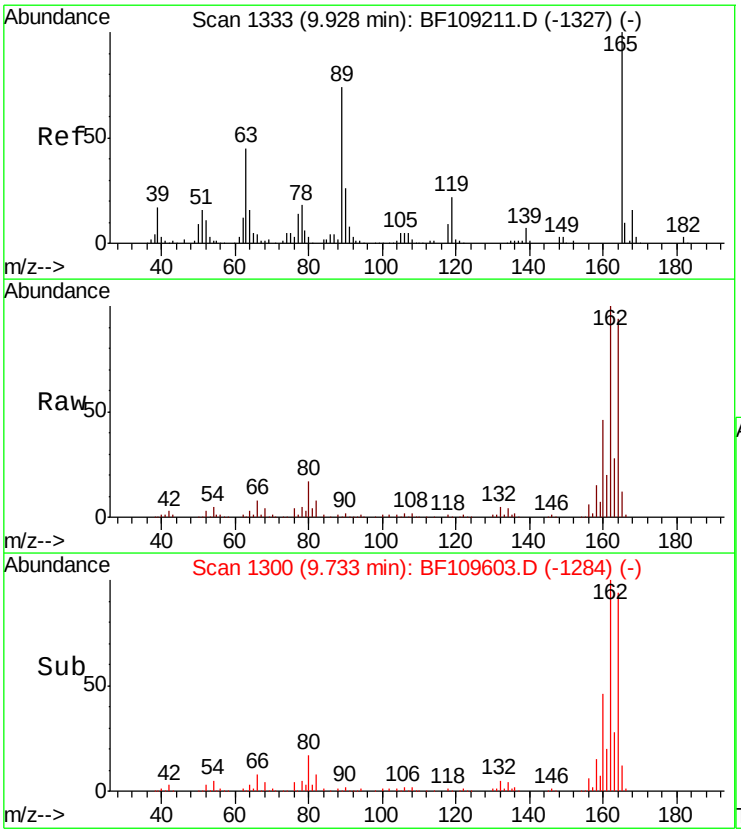
#49
Dimethylphthalate
Concen: 6.833 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Instrument :
BNA_F
ClientSampleId :
N48963

Tgt Ion:163 Resp: 76769

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.2	8.2	12.2

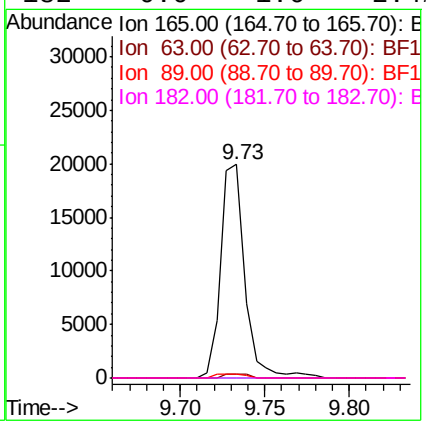


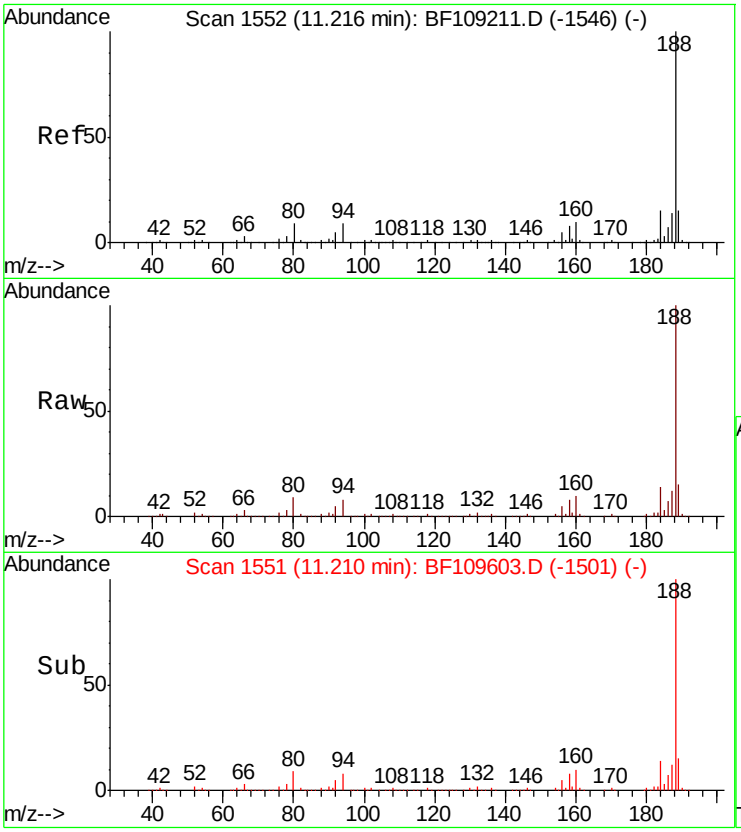


#56
2,4-Dinitrotoluene
Concen: 7.098 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Tgt Ion:165 Resp: 19984

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



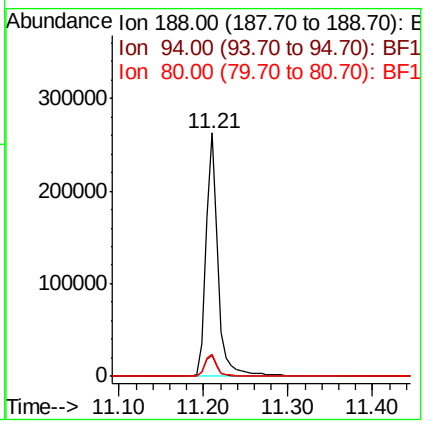


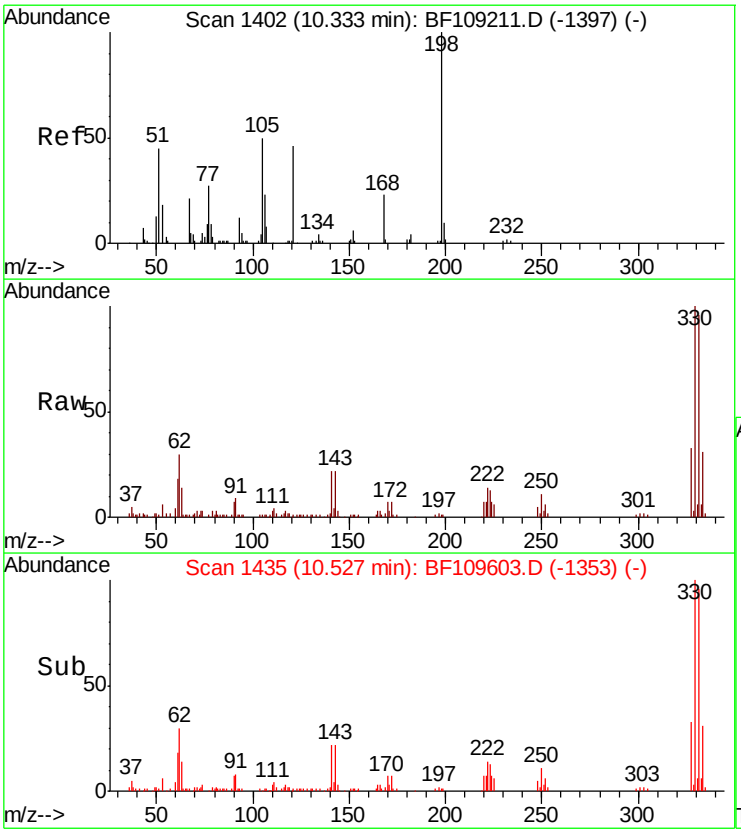
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Instrument :
BNA_F
ClientSampleId :
N48963

Tgt Ion:188 Resp: 257253

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.3	9.2	13.8

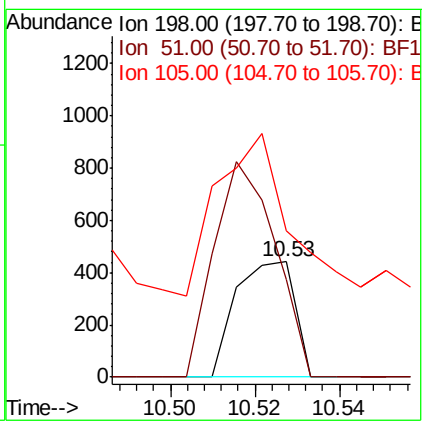


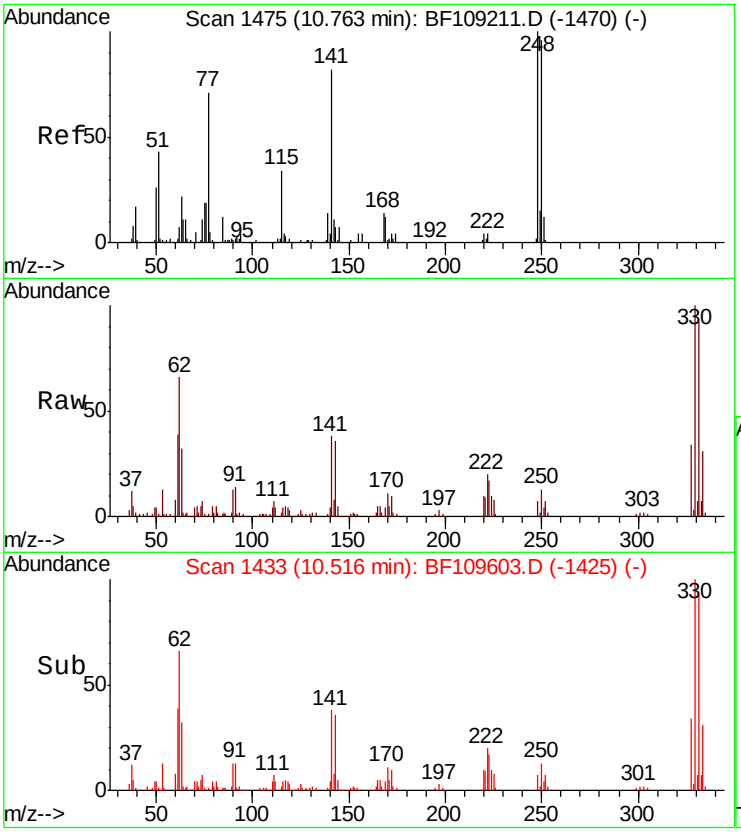


#64
4,6-Dinitro-2-methylphenol
Concen: 6.880 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.18 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Tgt Ion:198 Resp: 429

Ion	Ratio	Lower	Upper
198	100		
51	84.6	37.7	77.7#
105	127.1	36.3	76.3#



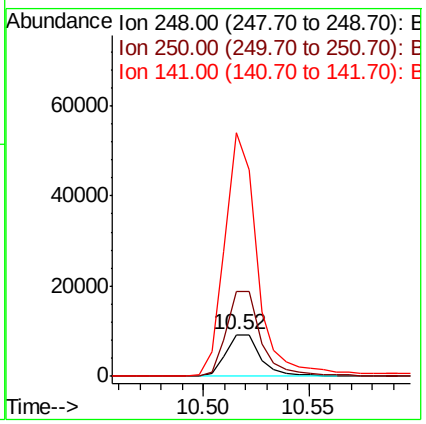


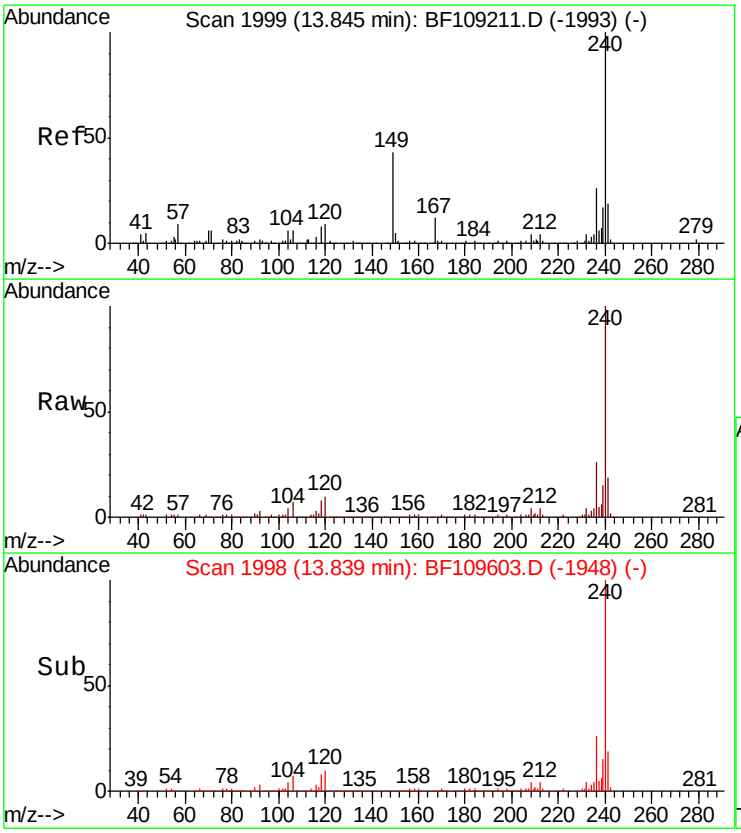
#66
4-Bromophenyl-phenylether
Concen: 3.701 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Instrument :
BNA_F
ClientSampleId :
N48963

Tgt Ion:248 Resp: 10574

Ion	Ratio	Lower	Upper
248	100		
250	203.5	76.9	115.3#
141	580.4	74.4	111.6#

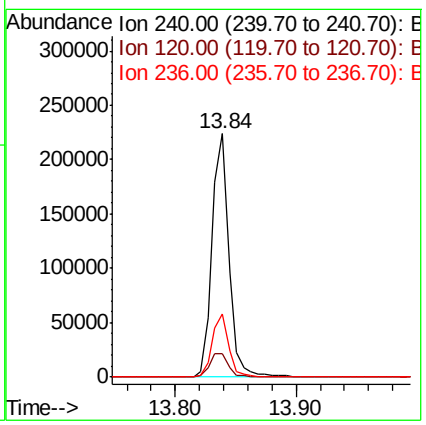


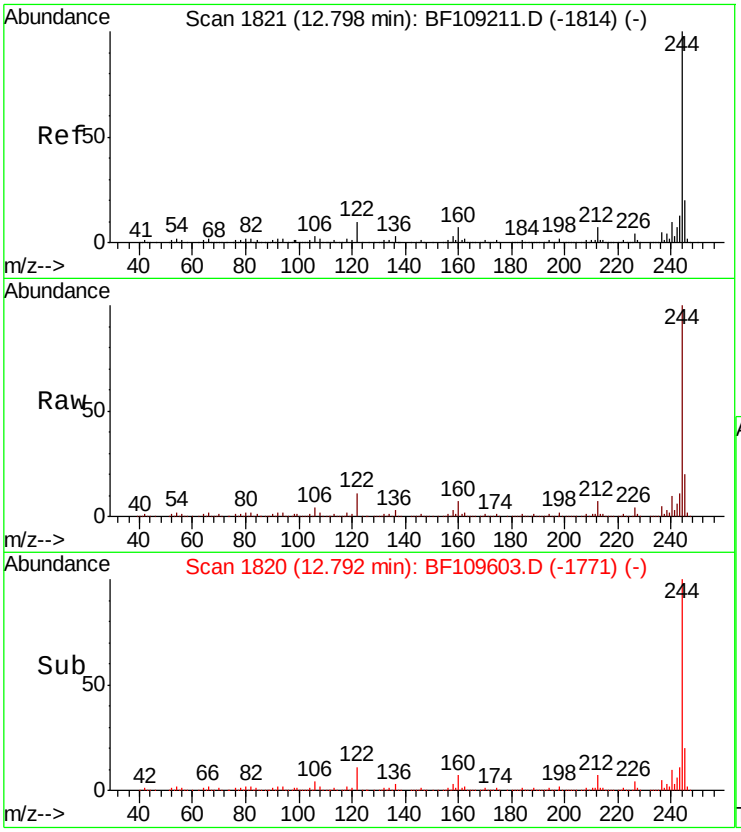


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Tgt Ion:240 Resp: 214548

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	25.7	20.7	31.1



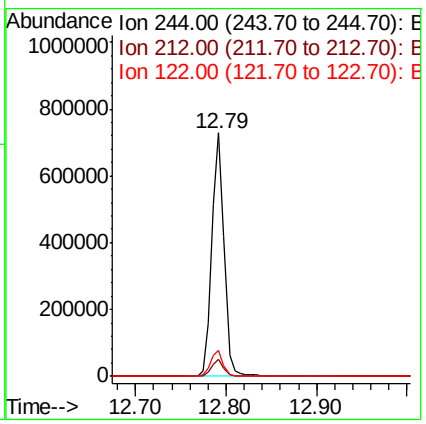


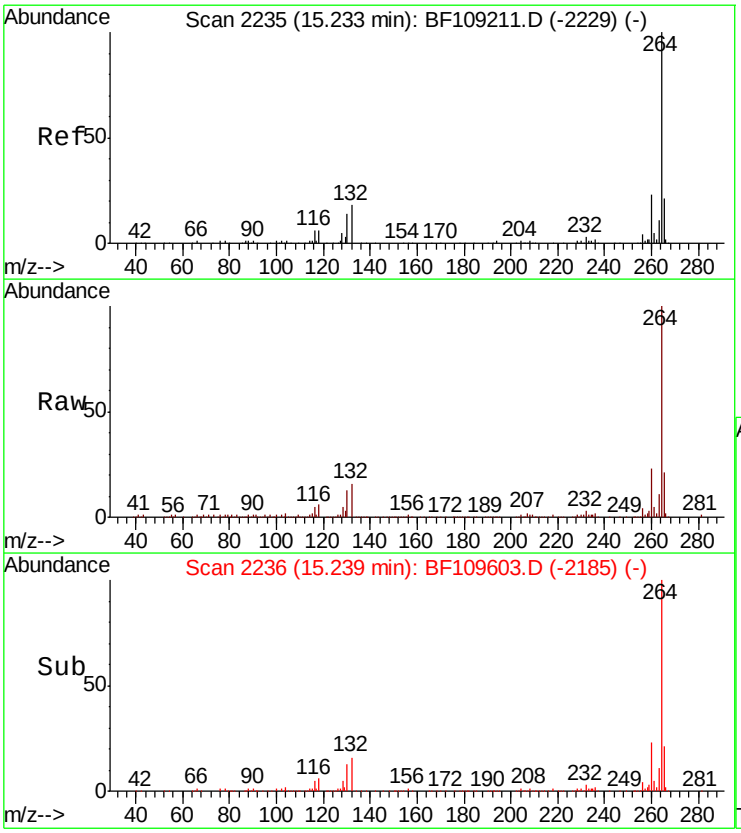
#78
Terphenyl-d14
Concen: 79.410 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Instrument :
BNA_F
ClientSampleId :
N48963

Tgt Ion:244 Resp: 694215

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.9	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: BF109603.D
Acq: 4 Oct 2018 22:29

Tgt Ion:264 Resp: 221456

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.9	17.5	26.3