Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106893.D
Acq On : 28 Jun 2018 1:36
Operator : JU/SJ
Sample : J3693-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 28 06:04:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	40745	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	145354	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	59405	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	106679	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	119126	20.00	ng		-0.02
86) Perylene-d12	15.68	264	82943	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	148846	61.86	ng		-0.01
7) Phenol-d6	6.59	99	115282	38.36	ng		-0.02
23) Nitrobenzene-d5	7.52	82	232164	88.76	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	98237	142.68	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	383669	114.43	ng		-0.01
78) Terphenyl-d14	13.08	244	447145	90.92	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	5592	2.215	ng		83
19) n-Nitroso-di-n-propylamine	7.52	70	30023	15.157	ng	#	73
25) Isophorone	7.52	82	232162	50.372	ng	#	64
49) Dimethylphthalate	9.70	163	17638	3.959	ng		97
50) 2,6-Dinitrotoluene	10.00	165	7564	8.017	ng	#	24
56) 2,4-Dinitrotoluene	10.00	165	7564	6.142	ng	#	21
61) 4-Nitroaniline	10.67	138	2415	2.241	ng	#	1
62) Azobenzene	10.67	77	14128	3.336	ng	#	34
66) 4-Bromophenyl-phenylether	10.79	248	6180	4.854	ng	#	1

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

Quantitation Report (Not Reviewed)

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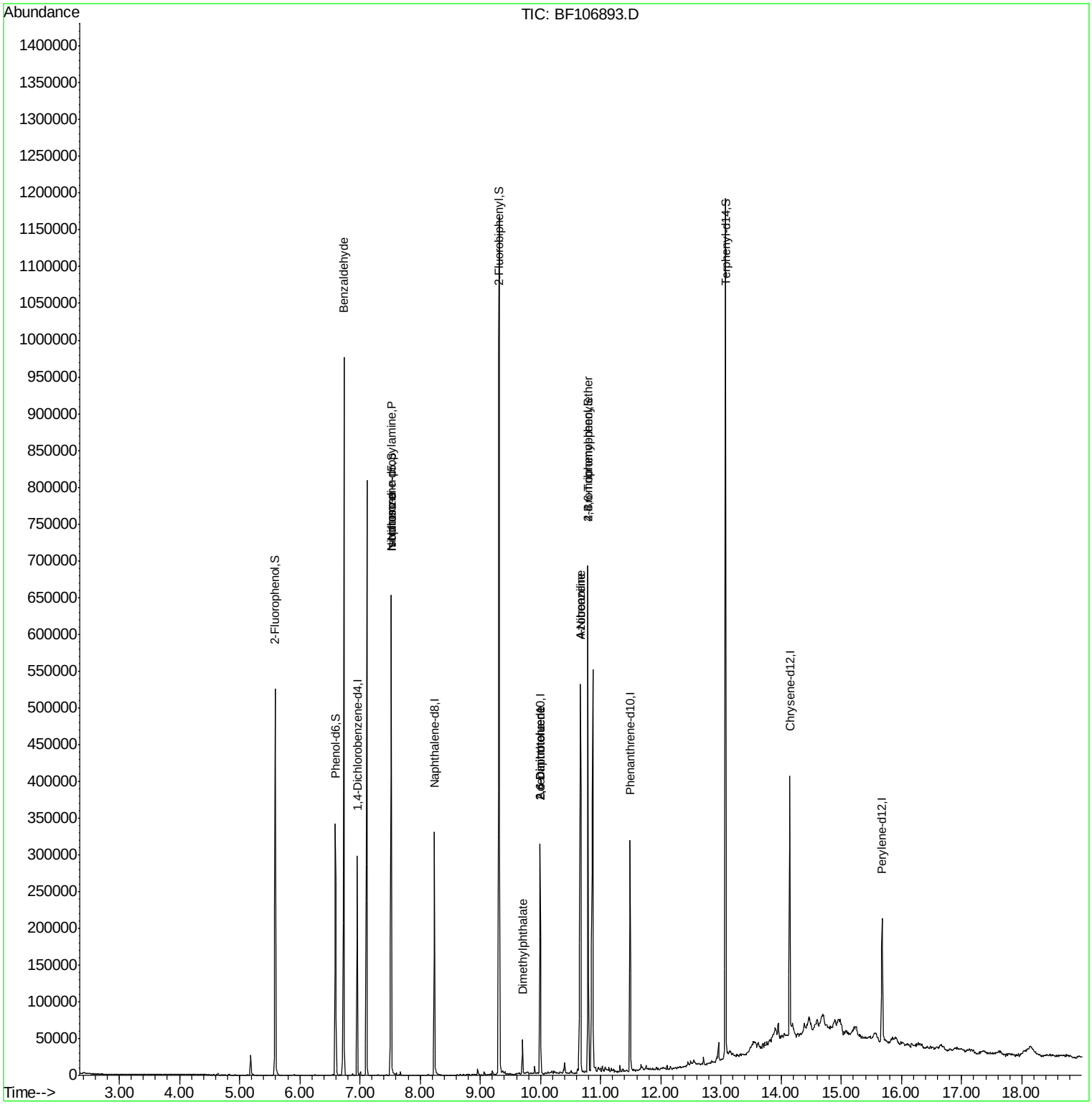
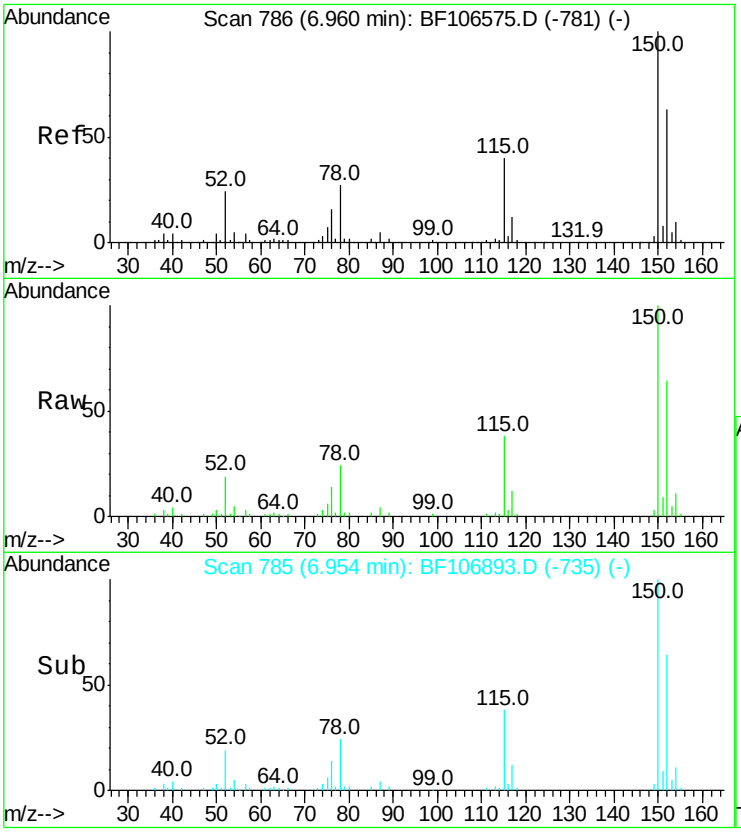


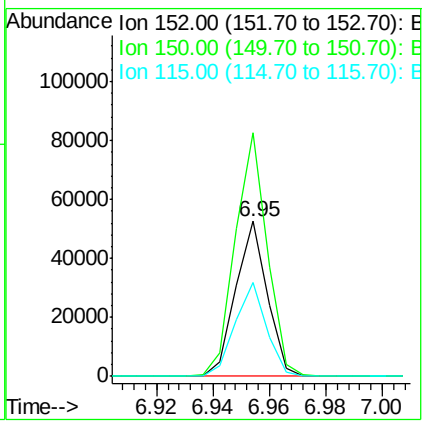


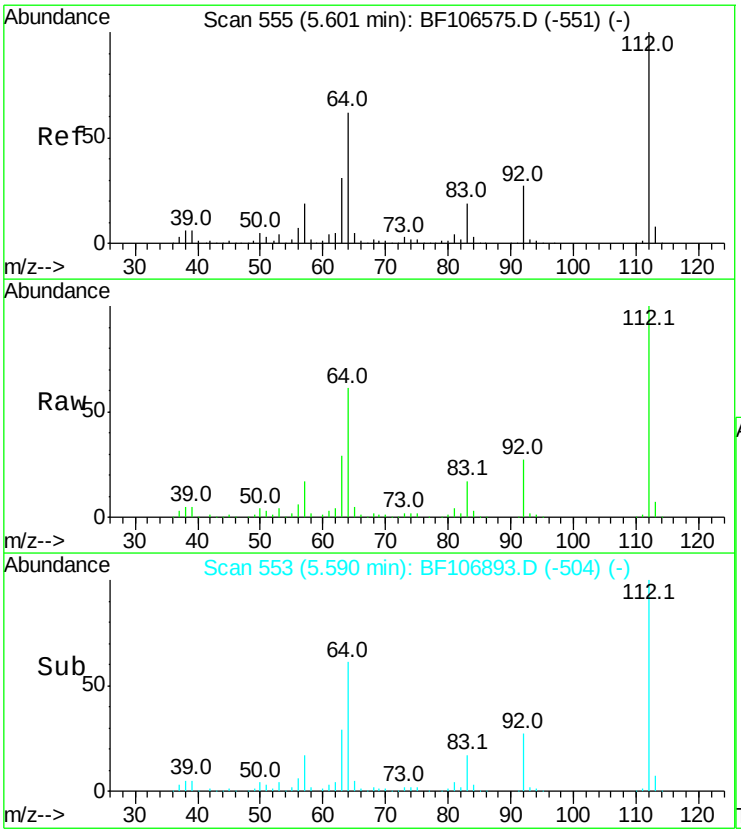
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 40745

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	60.2	50.1	75.1

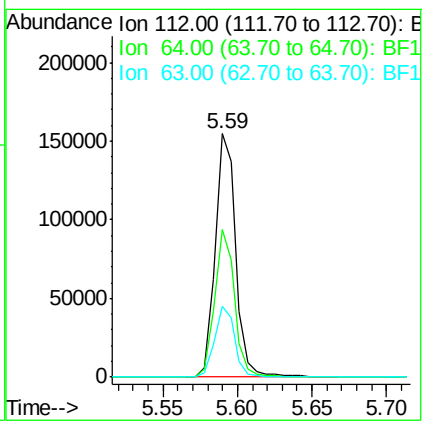


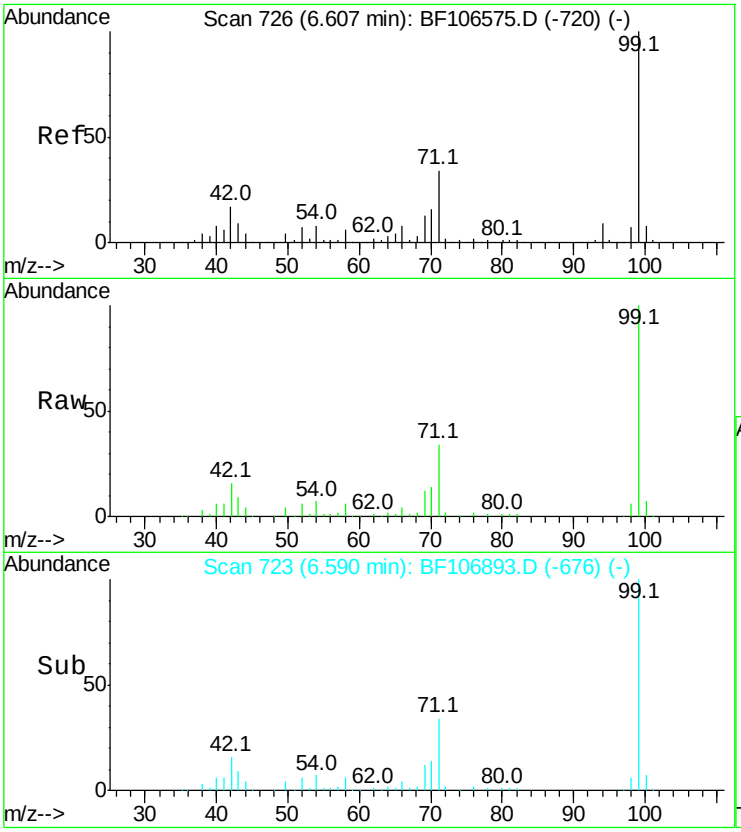


#5
2-Fluorophenol
Concen: 61.859 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Tgt Ion:112 Resp: 148846

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	29.2	23.7	35.5



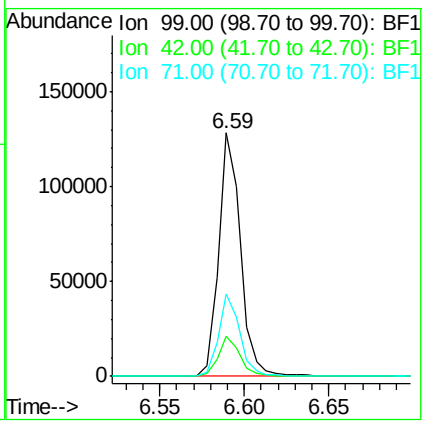


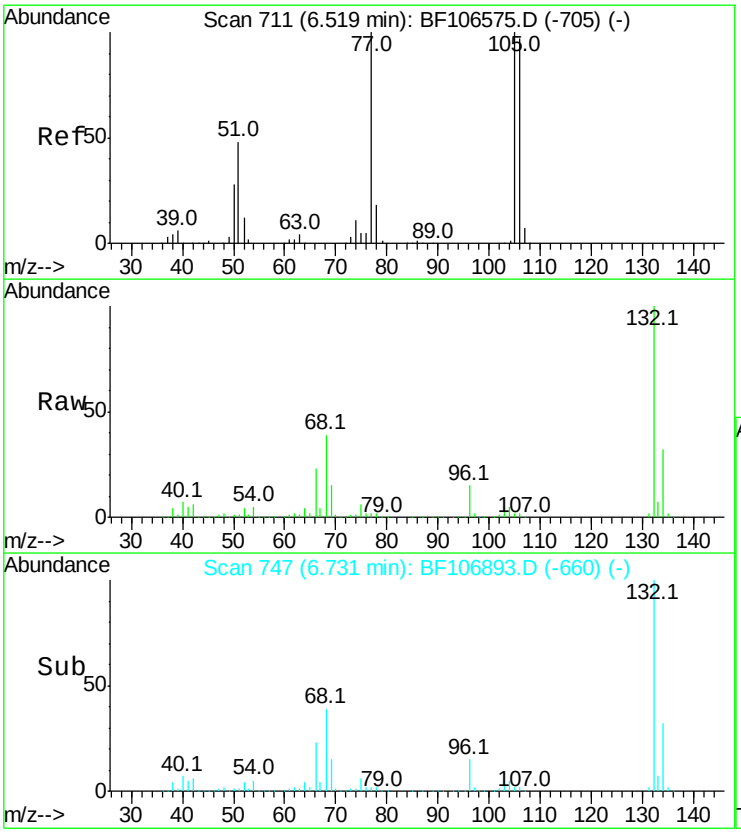
#7
Phenol-d6
Concen: 38.365 ng
RT: 6.59 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 115282

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	33.6	25.4	38.0

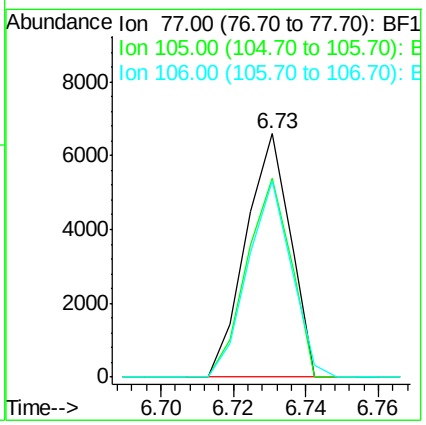


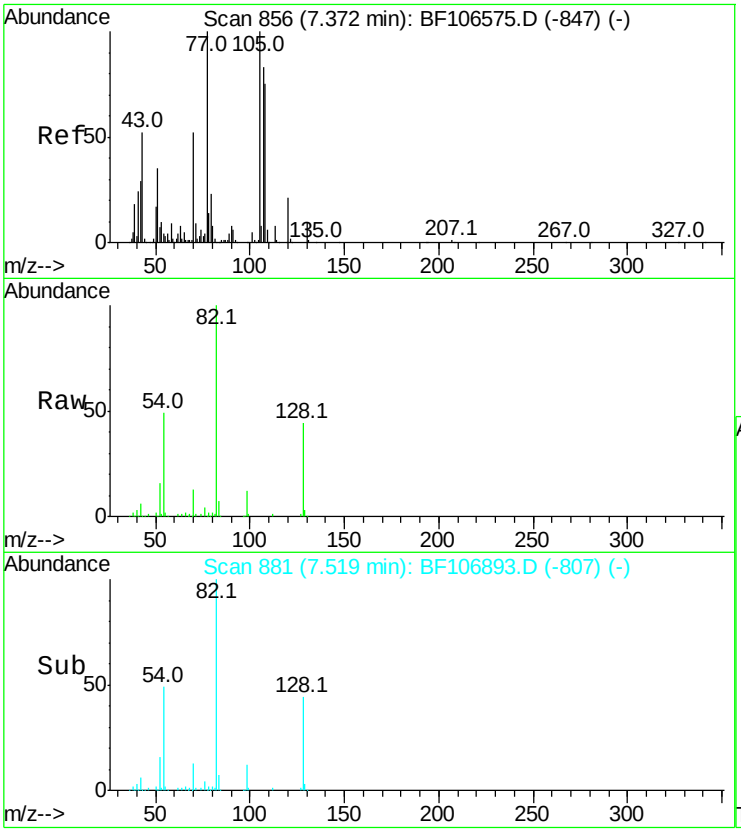


#9
Benzaldehyde
Concen: 2.215 ng
RT: 6.73 min Scan# 747
Delta R.T. 0.21 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Tgt Ion: 77 Resp: 5592

Ion	Ratio	Lower	Upper
77	100		
105	81.4	81.1	121.1
106	80.7	74.5	114.5



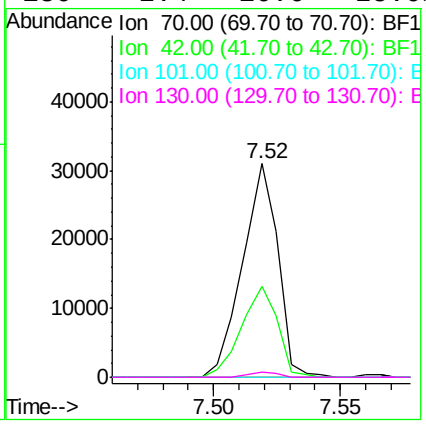


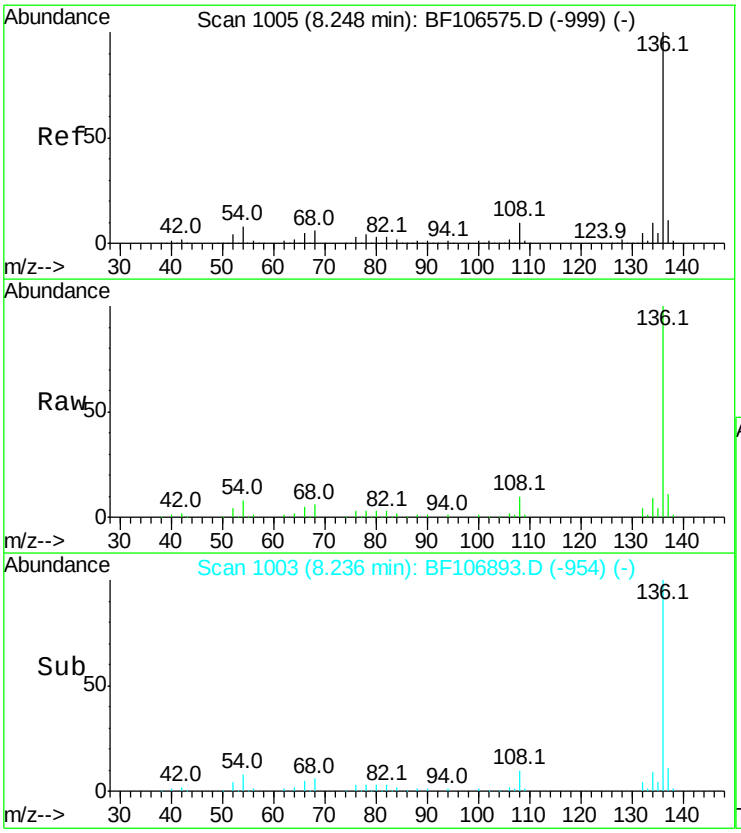
#19
n-Nitroso-di-n-propylamine
Concen: 15.157 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 30023

Ion	Ratio	Lower	Upper
70	100		
42	42.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

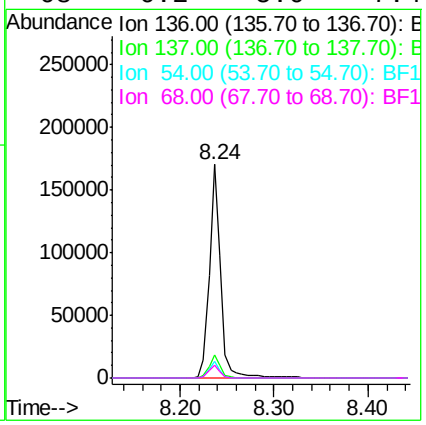


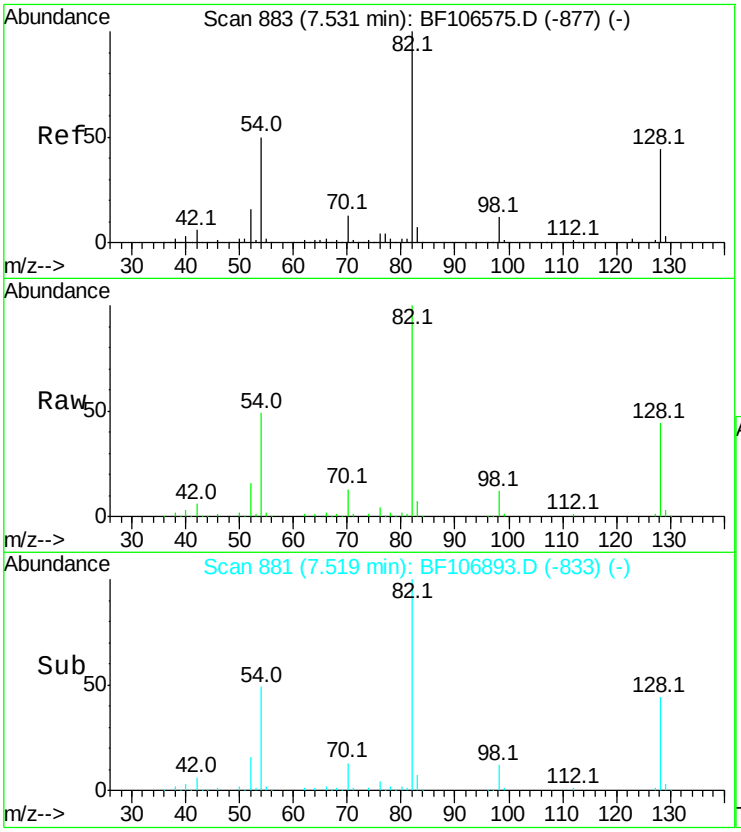


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Tgt Ion:136 Resp: 145354

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.7	6.6	9.8
68	6.2	5.0	7.4



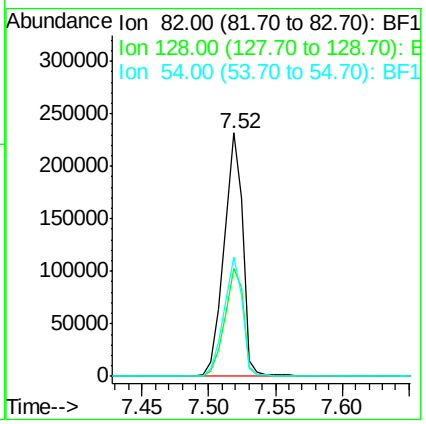


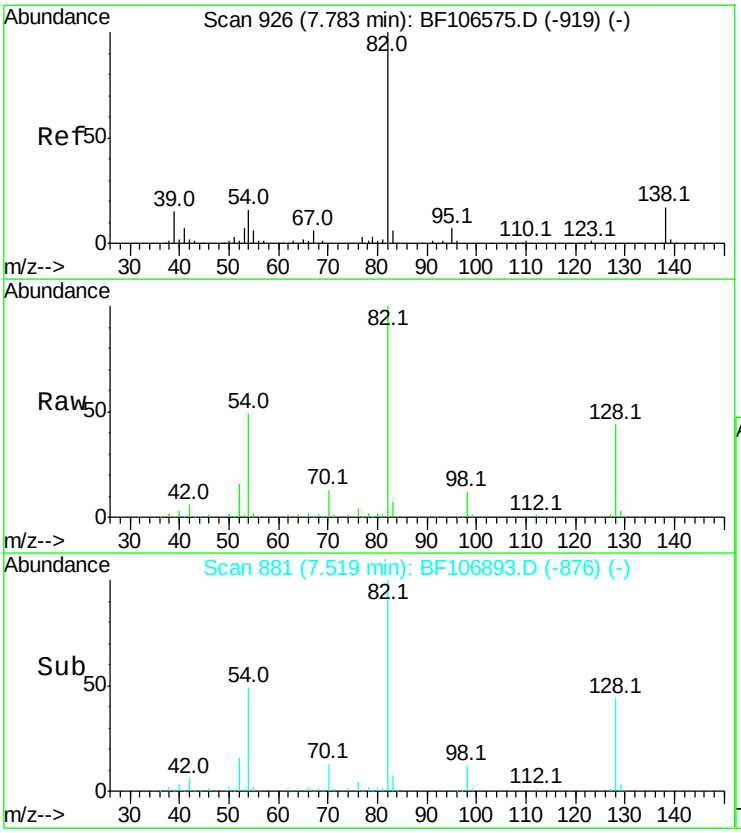
#23
Nitrobenzene-d5
Concen: 88.764 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 232164

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	48.9	41.4	62.2

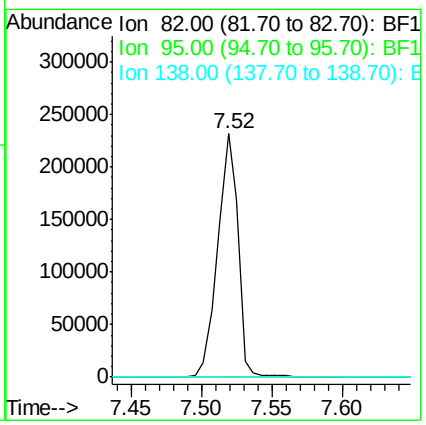


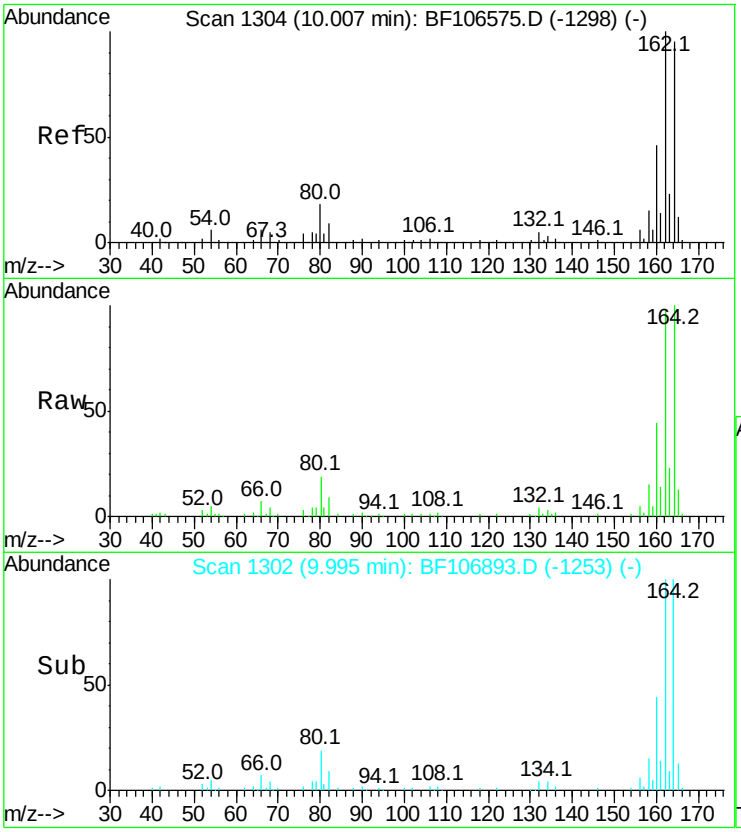


#25
Isophorone
Concen: 50.372 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Tgt Ion: 82 Resp: 232162

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



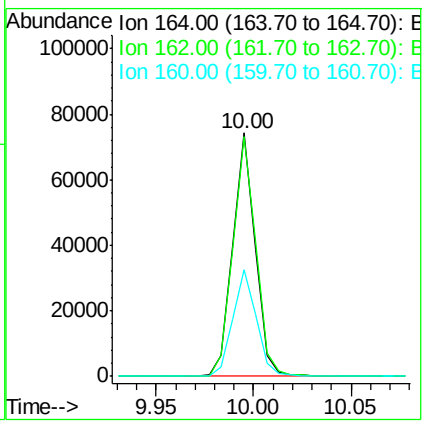


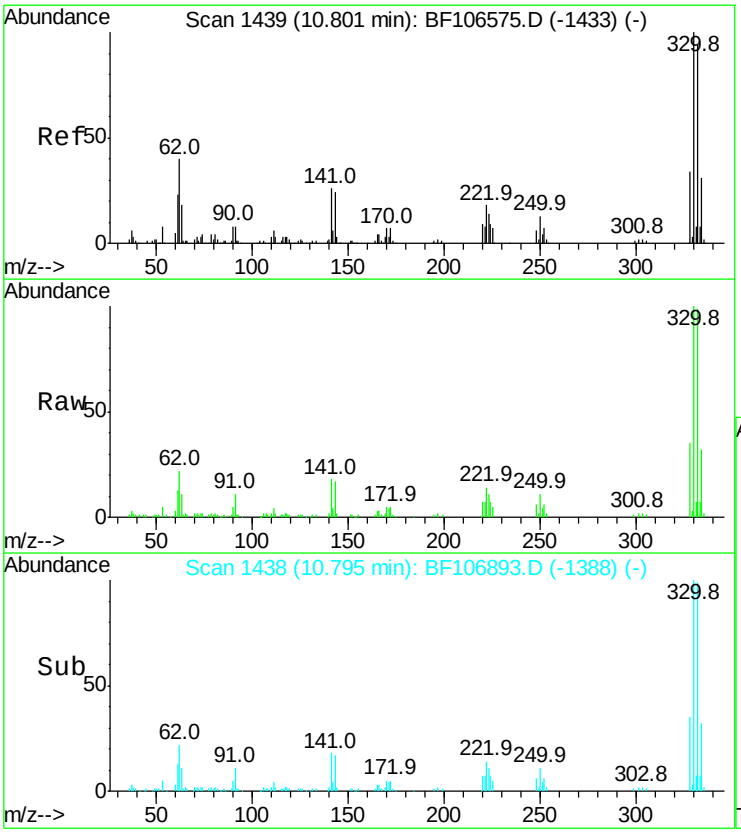
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 59405

Ion	Ratio	Lower	Upper
164	100		
162	98.2	86.1	129.1
160	43.7	38.3	57.5

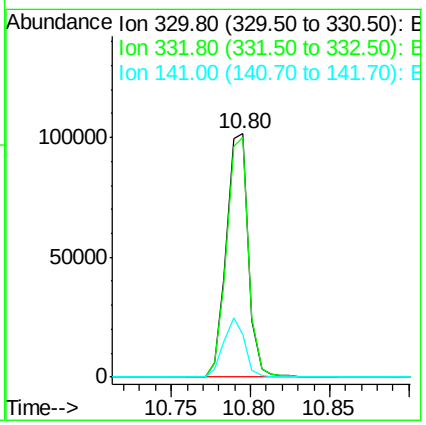


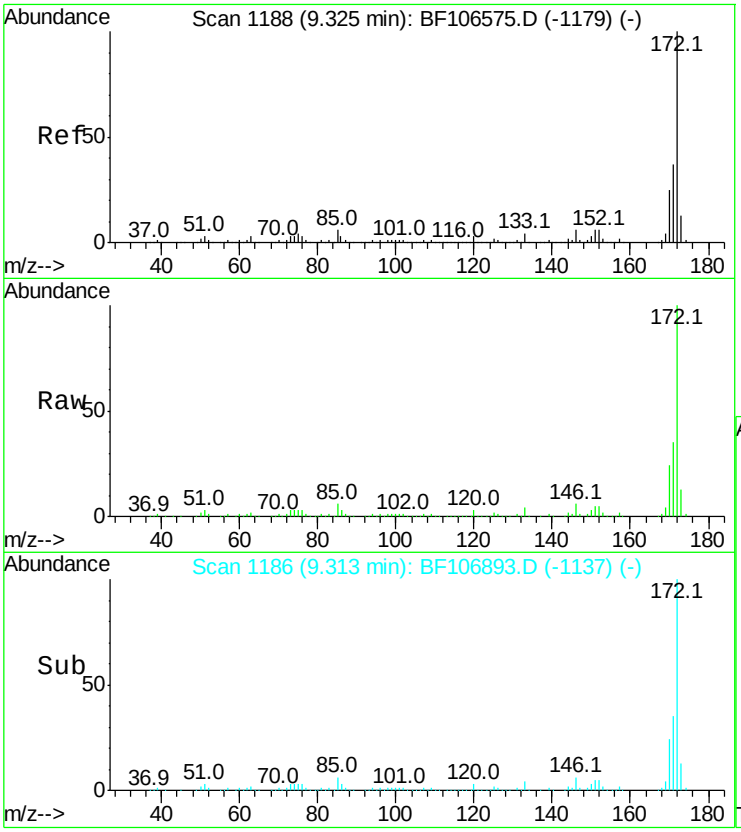


#41
2,4,6-Tribromophenol
Concen: 142.679 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Tgt Ion:330 Resp: 98237

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	23.3	29.9	44.9#



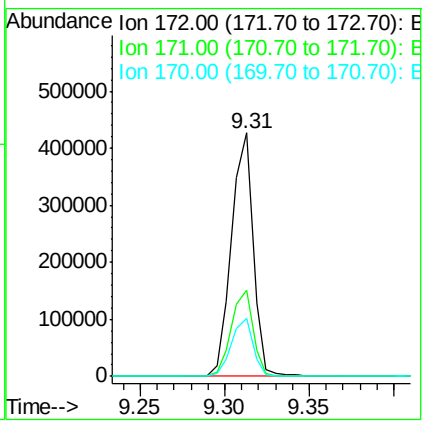


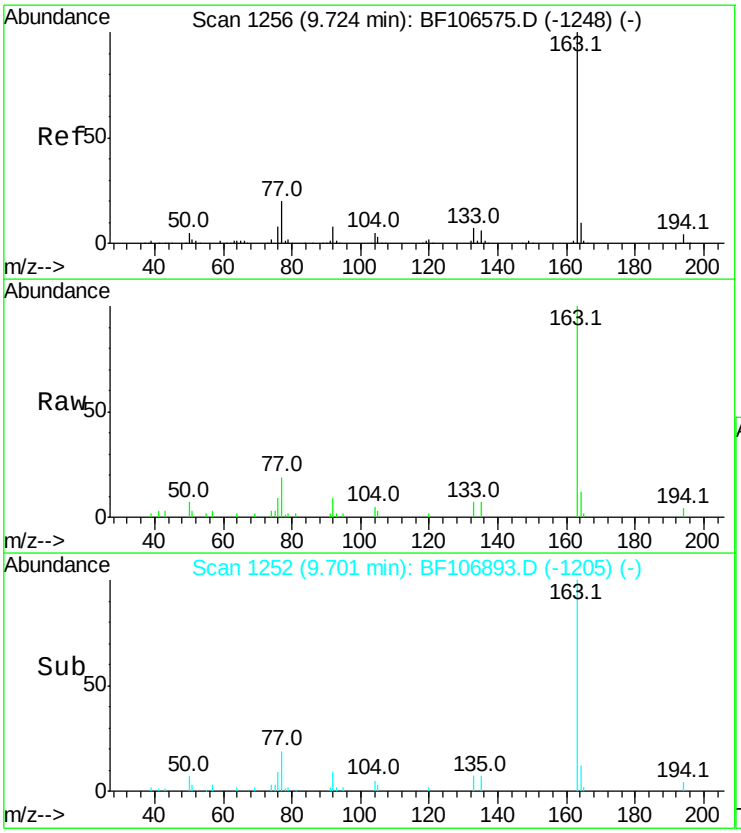
#44
2-Fluorobiphenyl
Concen: 114.425 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 383669

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.8	19.6	29.4

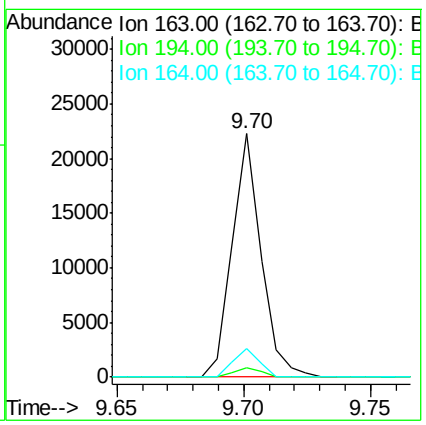


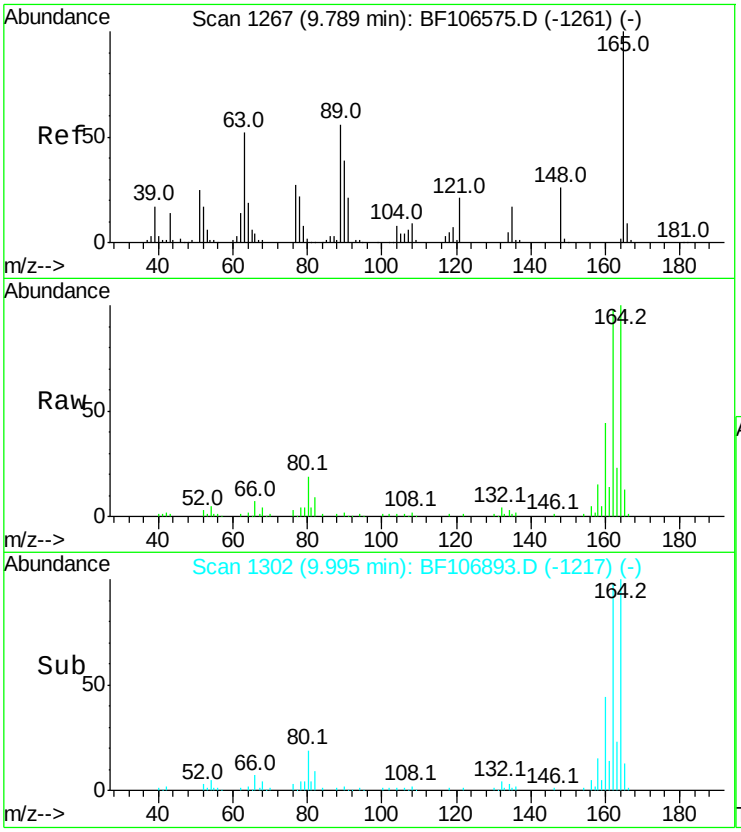


#49
Dimethylphthalate
Concen: 3.959 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Tgt Ion:163 Resp: 17638

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	11.6	8.2	12.2



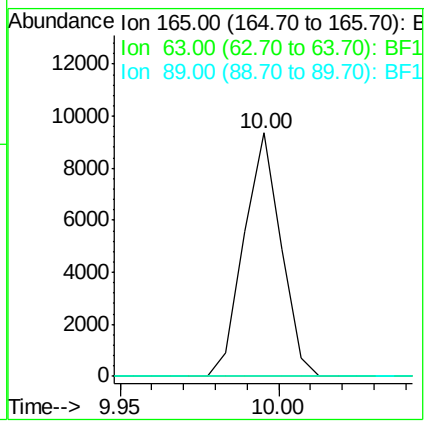


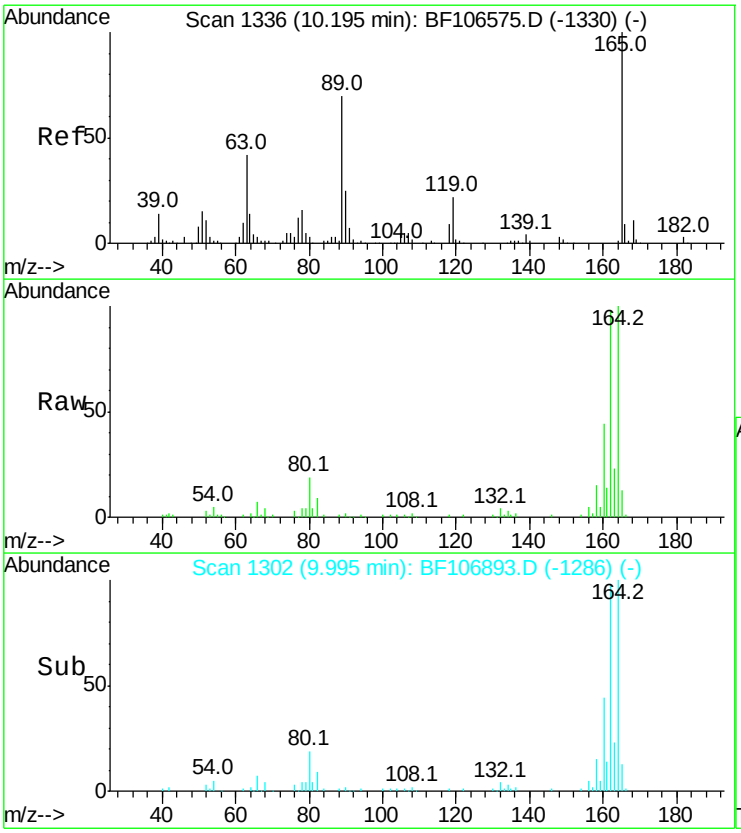
#50
2,6-Dinitrotoluene
Concen: 8.017 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 7564

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

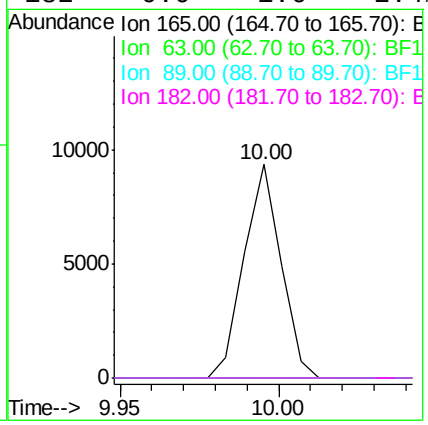


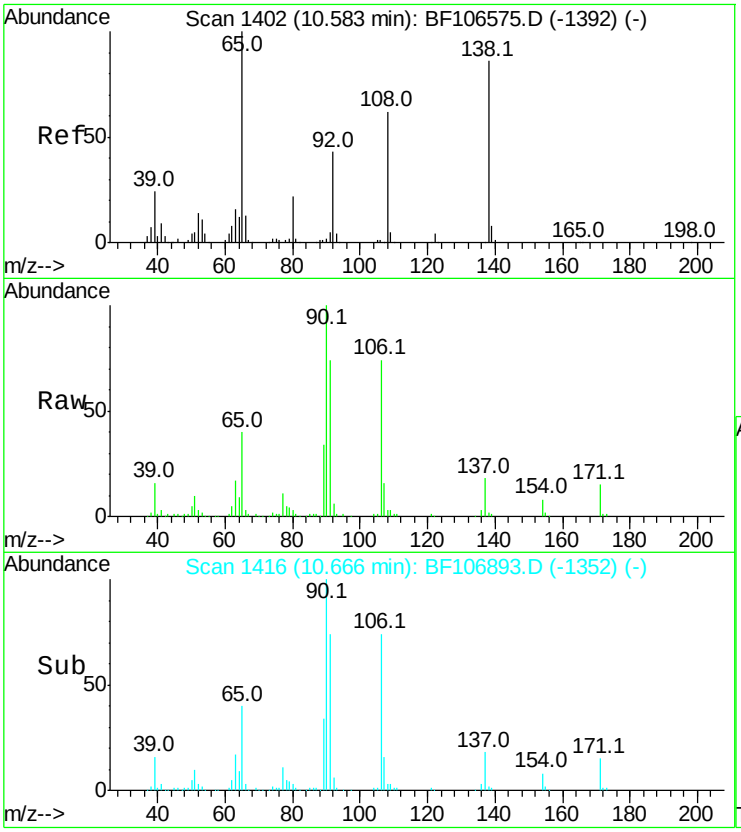


#56
2,4-Dinitrotoluene
Concen: 6.142 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Tgt Ion:165 Resp: 7564

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



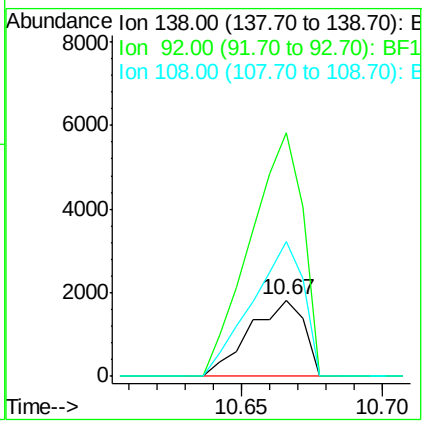


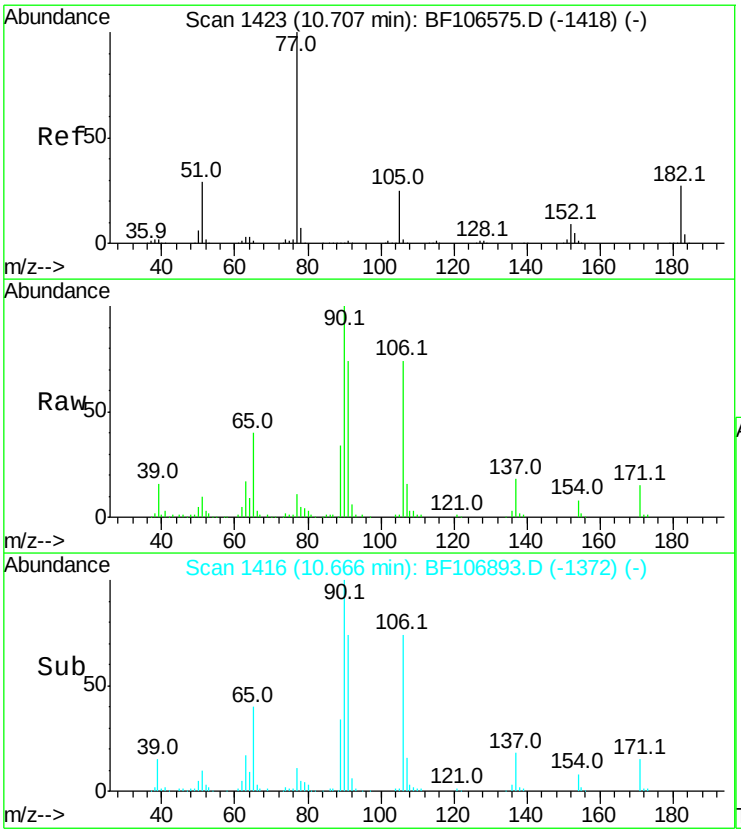
#61
4-Nitroaniline
Concen: 2.241 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.08 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 2415

Ion	Ratio	Lower	Upper
138	100		
92	320.8	30.2	70.2#
108	178.1	52.5	92.5#

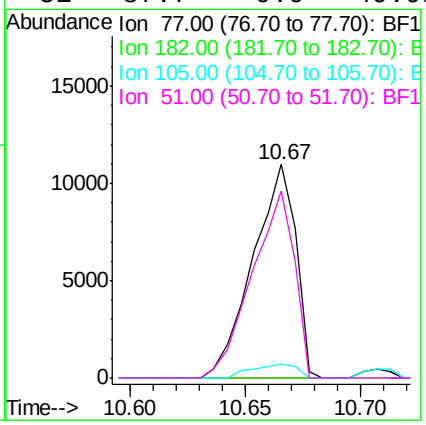


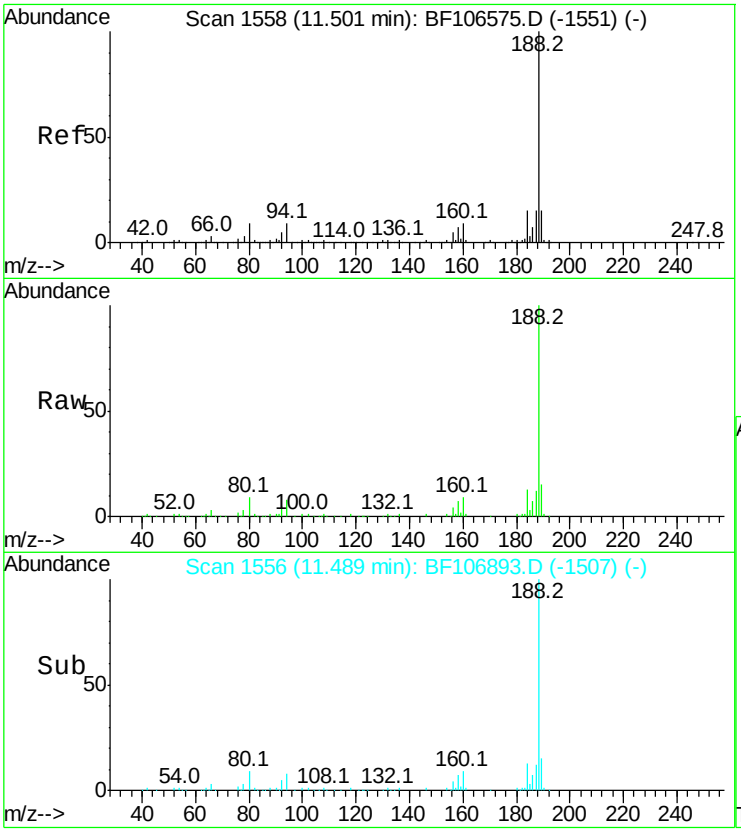


#62
Azobenzene
Concen: 3.336 ng
RT: 10.67 min Scan# 1416
Delta R.T. -0.04 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Tgt Ion: 77 Resp: 14128

Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.7	41.7#
105	6.9	3.0	43.0
51	87.7	9.9	49.9#



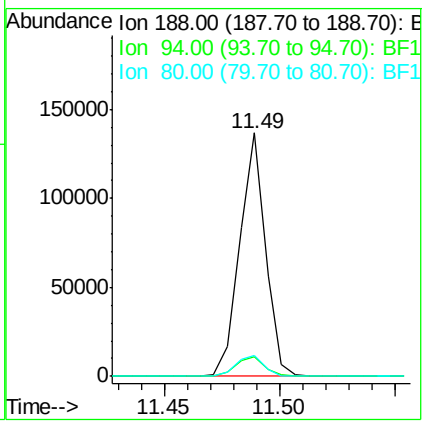


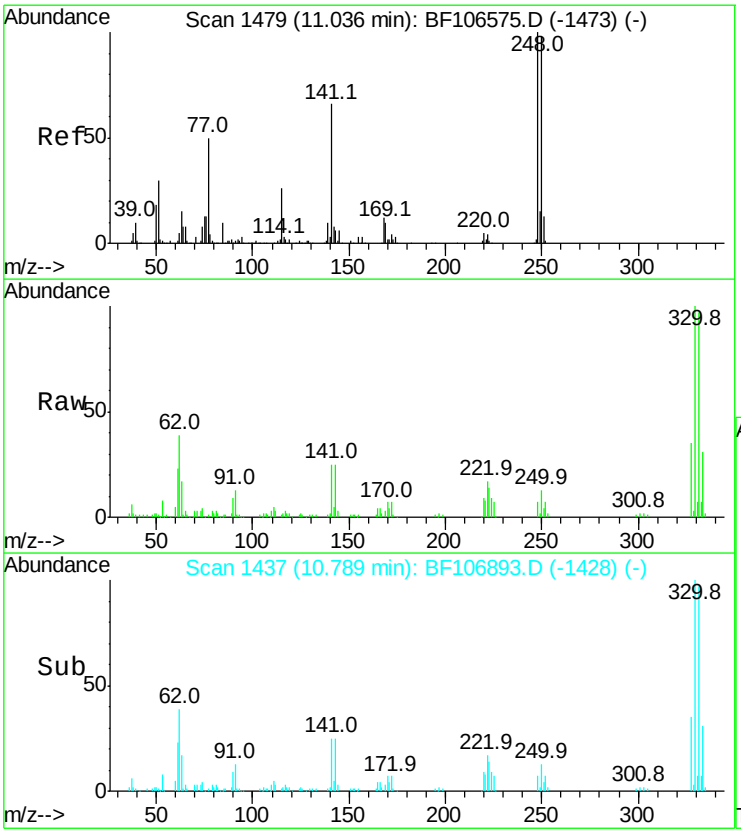
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 106679

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.7	9.2	13.8#

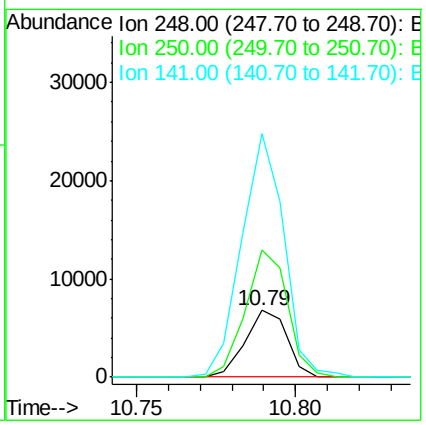


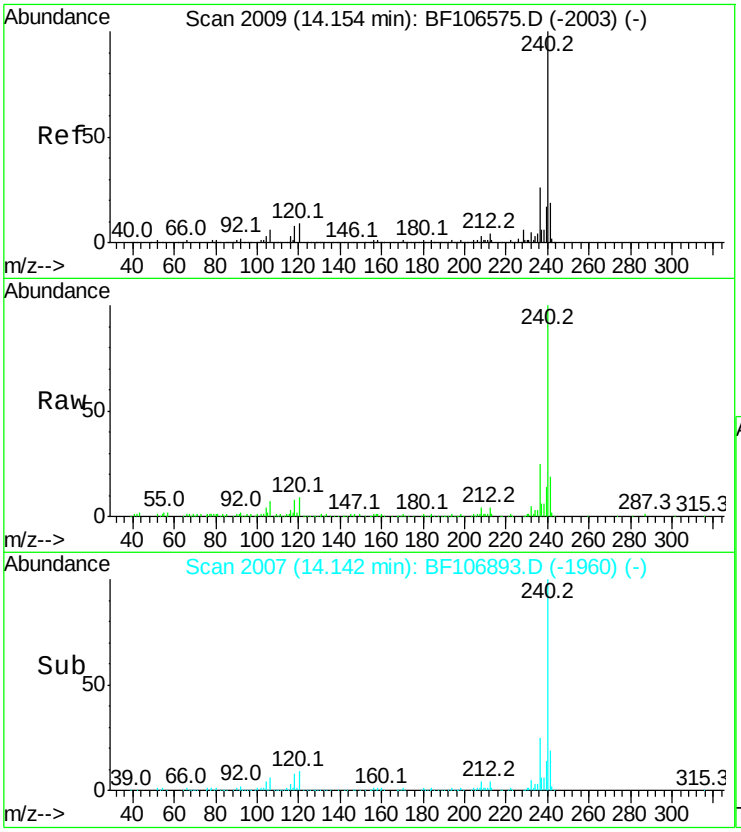


#66
4-Bromophenyl-phenylether
Concen: 4.854 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Tgt Ion:248 Resp: 6180

Ion	Ratio	Lower	Upper
248	100		
250	191.5	76.9	115.3#
141	365.9	74.4	111.6#



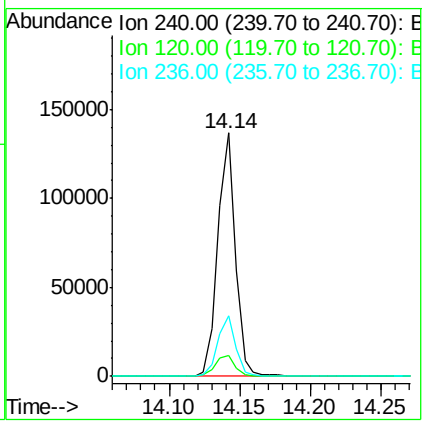


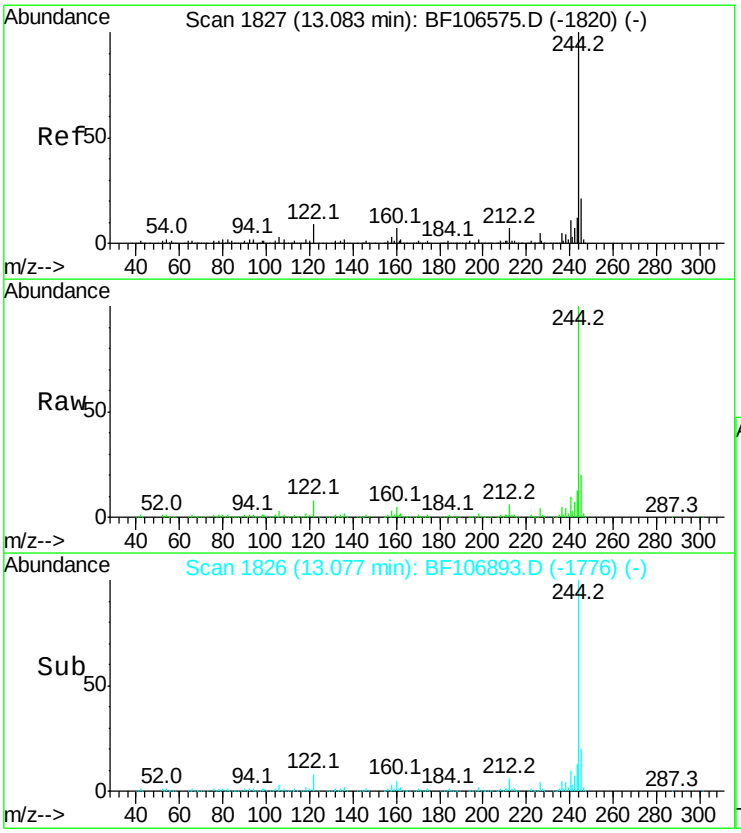
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 119126

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	24.7	20.7	31.1

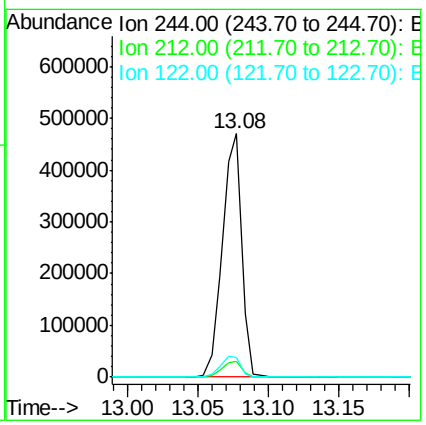


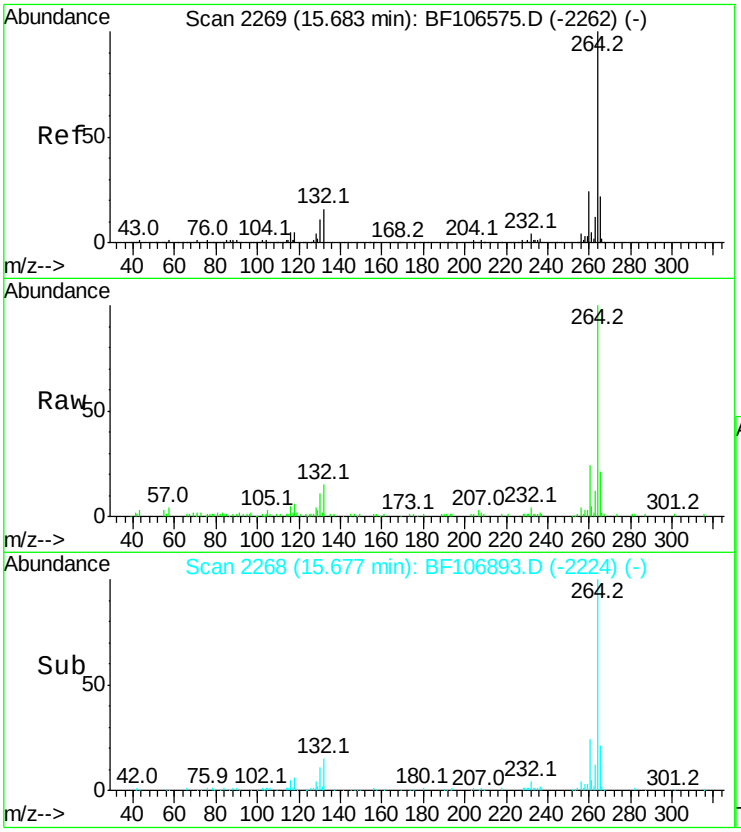


#78
Terphenyl-d14
Concen: 90.922 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Tgt Ion:244 Resp: 447145

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	7.9	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 82943

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.1	17.5	26.3