Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096838.D
Acq On : 18 Jul 2017 10:43
Operator : SJ/JU
Sample : I4205-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-TWP01

Quant Time: Jul 18 12:16:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 11:39:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	110835	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	397079	20.00	ng	-0.04
38) Acenaphthene-d10	9.63	164	169283	20.00	ng	-0.04
63) Phenanthrene-d10	11.11	188	308408	20.00	ng	-0.04
75) Chrysene-d12	13.73	240	254078	20.00	ng	-0.05
86) Perylene-d12	15.09	264	187062	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	323716	43.92	ng	-0.03
7) Phenol-d6	6.24	99	284579	32.17	ng	-0.04
23) Nitrobenzene-d5	7.16	82	515971	80.49	ng	-0.04
41) 2,4,6-Tribromophenol	10.42	330	181202	125.40	ng	-0.04
44) 2-Fluorobiphenyl	8.96	172	901114	84.10	ng	-0.04
78) Terphenyl-d14	12.69	244	779182	53.18	ng	-0.04
Target Compounds						Qvalue
22) Acetophenone	7.00	105	20053	2.260	ng	# 57
25) Isophorone	7.52	82	25563	2.144	ng	# 1
35) Caprolactam	8.33	113	19824	11.270	ng	# 1
51) Acenaphthene	9.66	154	48397	4.810	ng	99
53) 2,4-Dinitrophenol	9.57	184	296	6.939	ng	# 1
55) 4-Nitrophenol	9.75	139	8316	3.480	ng	# 1
57) Fluorene	10.17	166	93206	8.945	ng	# 89
60) 4-Chlorophenyl-phenylether	10.19	204	1781	Below Cal		# 1
65) n-Nitrosodiphenylamine	10.30	169	94993	8.617	ng	# 40

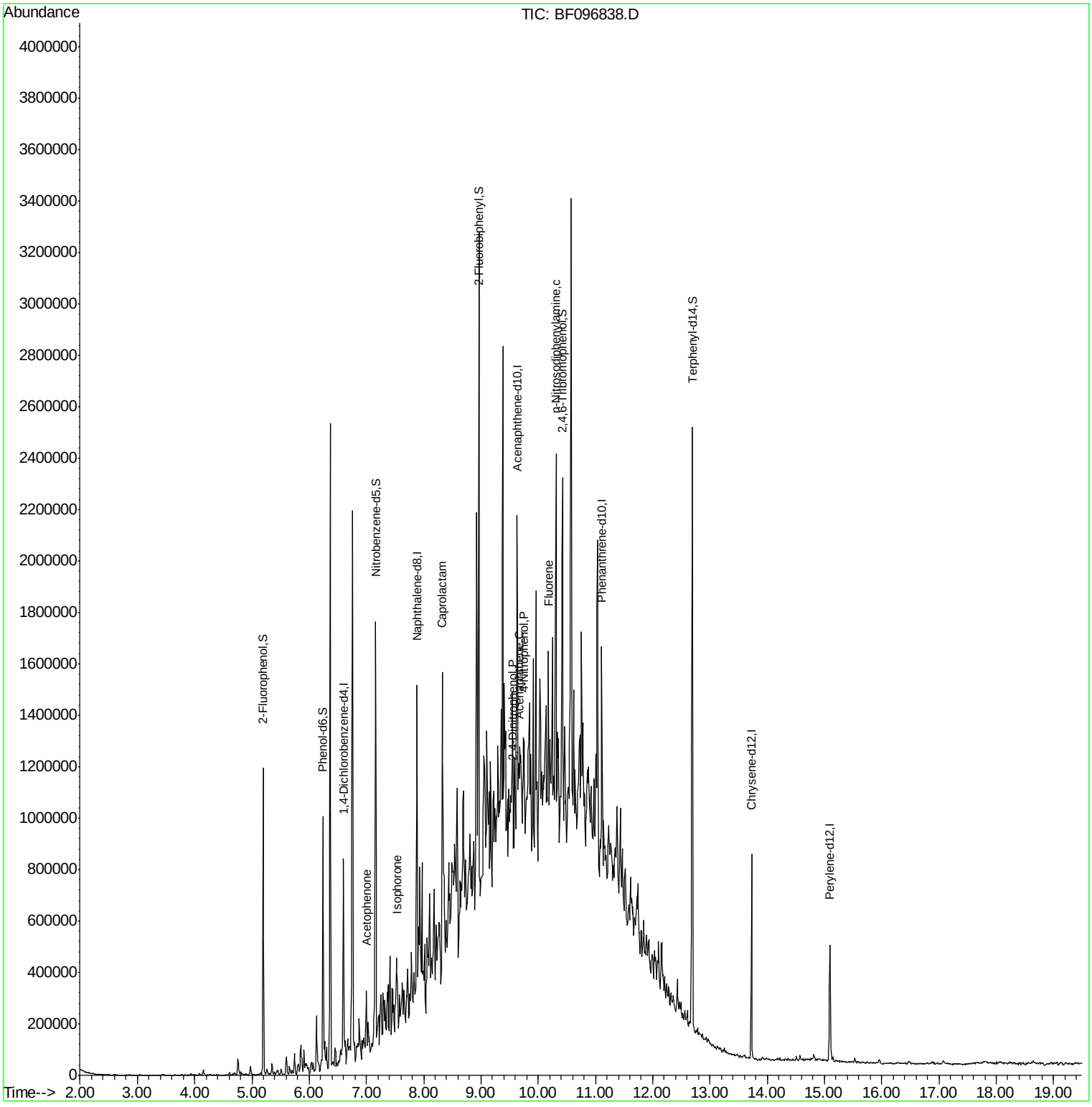
(#) = qualifier out of range (m) = manual integration (+) = signals summed

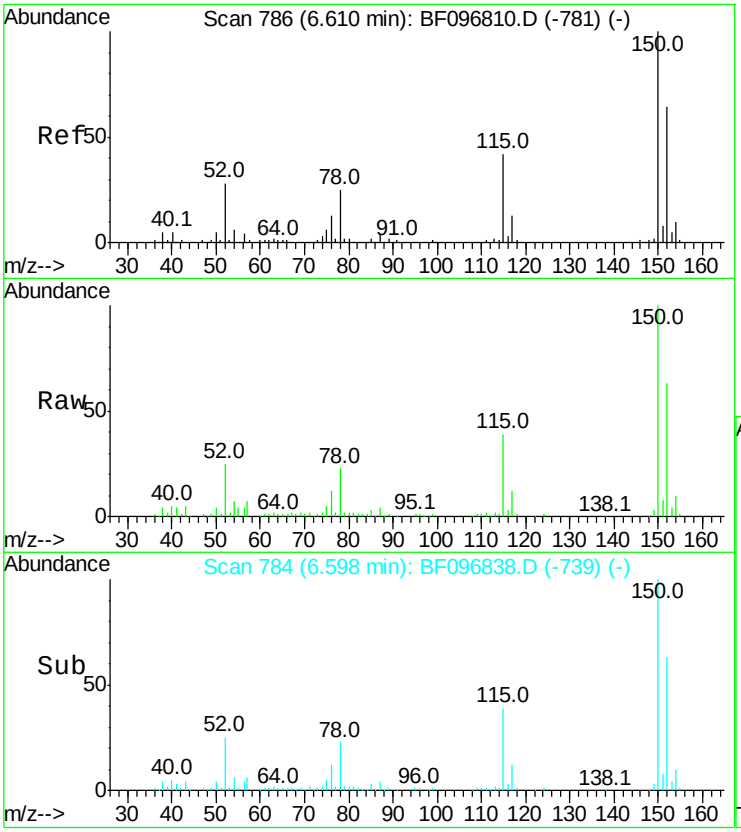
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096838.D
Acq On : 18 Jul 2017 10:43
Operator : SJ/JU
Sample : I4205-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-TWP01

Quant Time: Jul 18 12:16:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 11:39:34 2017
Response via : Initial Calibration



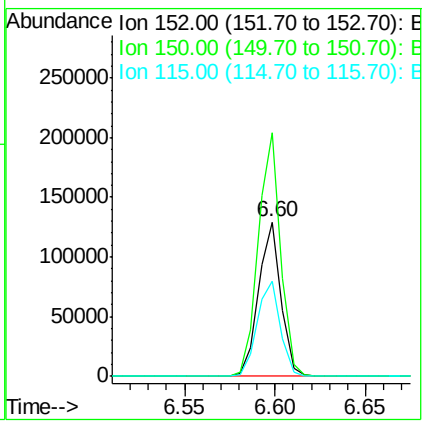


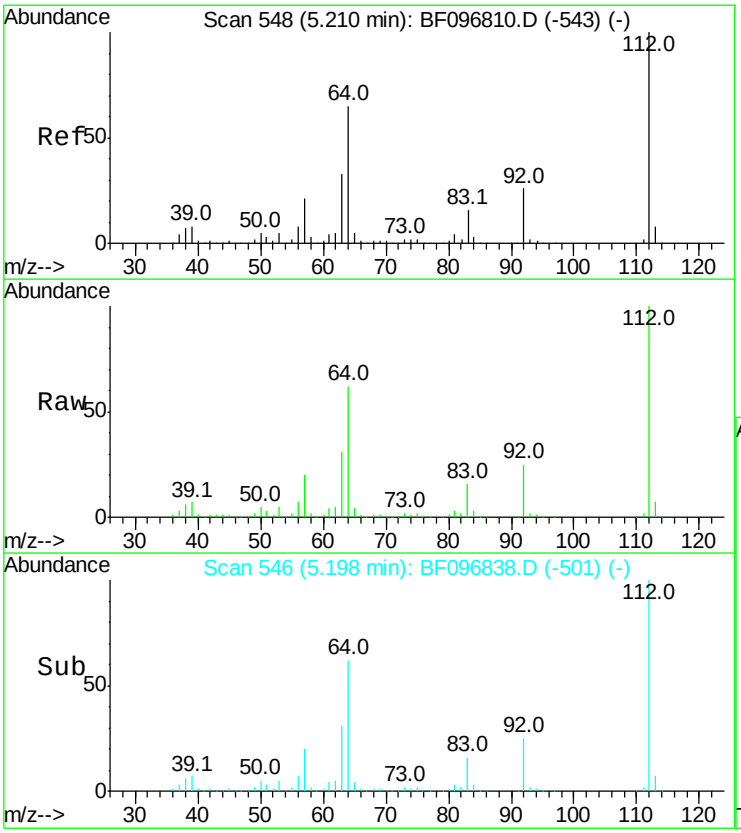
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 784
Delta R.T. -0.04 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Instrument :
BNA_F
ClientSampleId :
NB-TWP01

Tgt Ion:152 Resp: 110835

Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	61.5	52.2	78.2

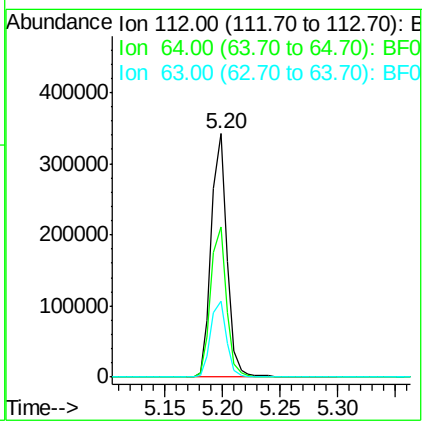


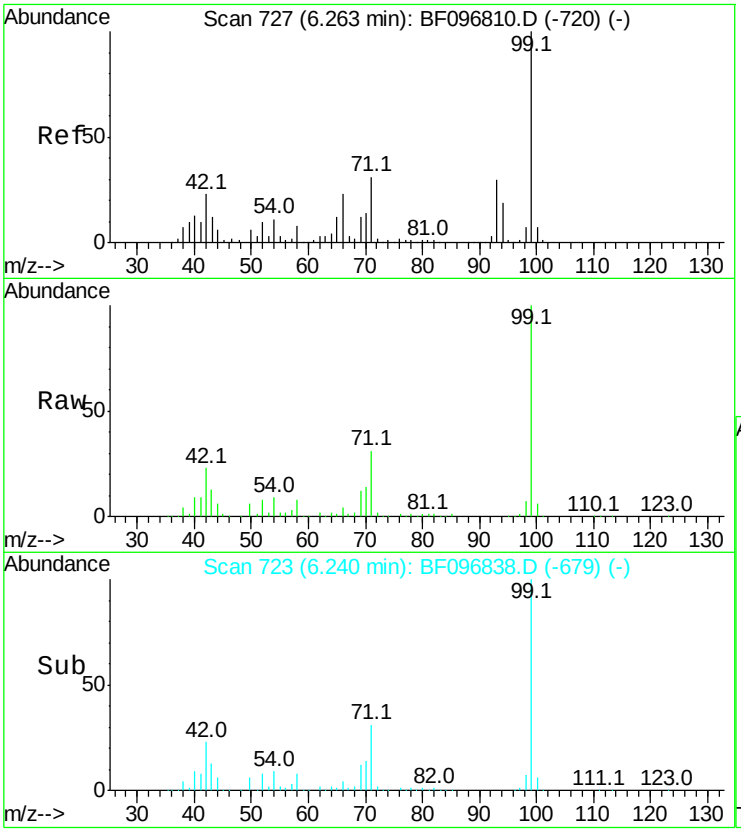


#5
2-Fluorophenol
Concen: 43.915 ng
RT: 5.20 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Tgt Ion:112 Resp: 323716

Ion	Ratio	Lower	Upper
112	100		
64	61.9	46.0	69.0
63	31.2	23.4	35.0



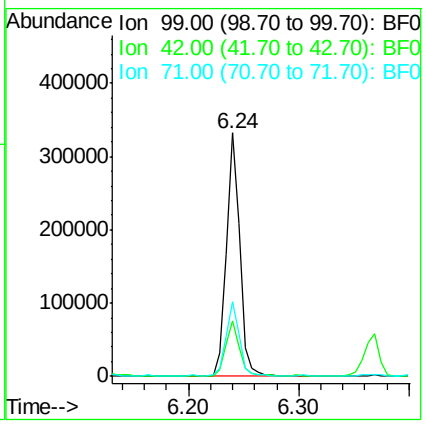


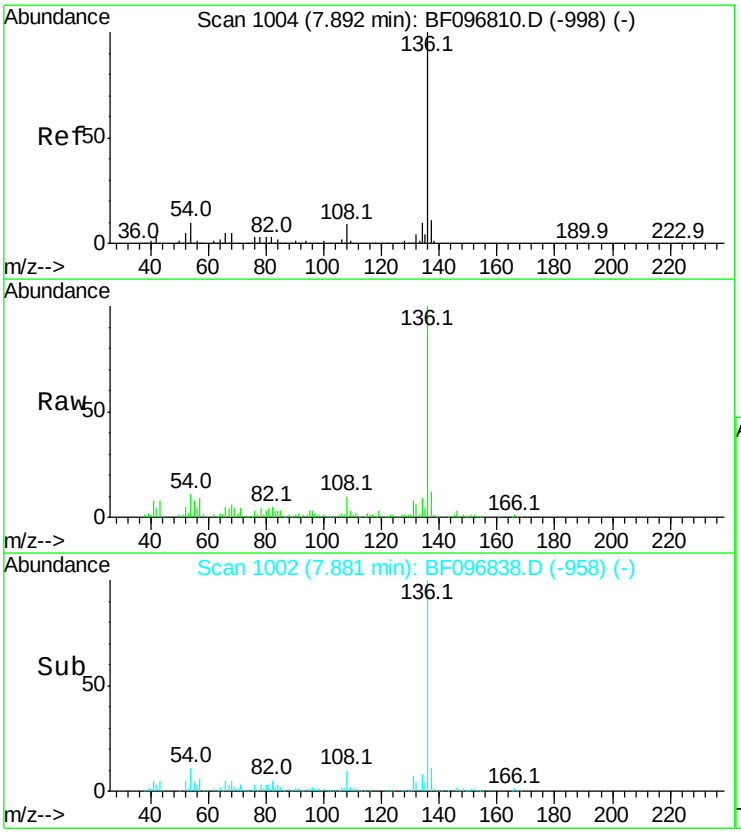
#7
Phenol-d6
Concen: 32.171 ng
RT: 6.24 min Scan# 723
Delta R.T. -0.04 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Instrument :
BNA_F
ClientSampleId :
NB-TWP01

Tgt Ion: 99 Resp: 284579

Ion	Ratio	Lower	Upper
99	100		
42	22.8	13.5	20.3#
71	30.9	24.5	36.7

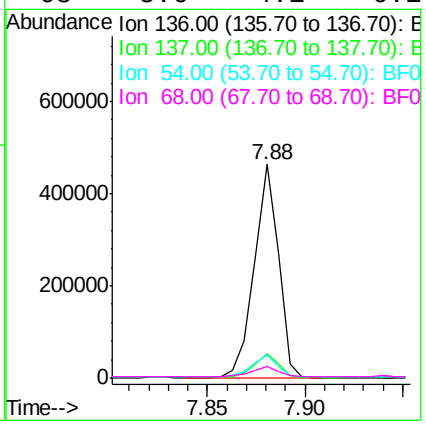


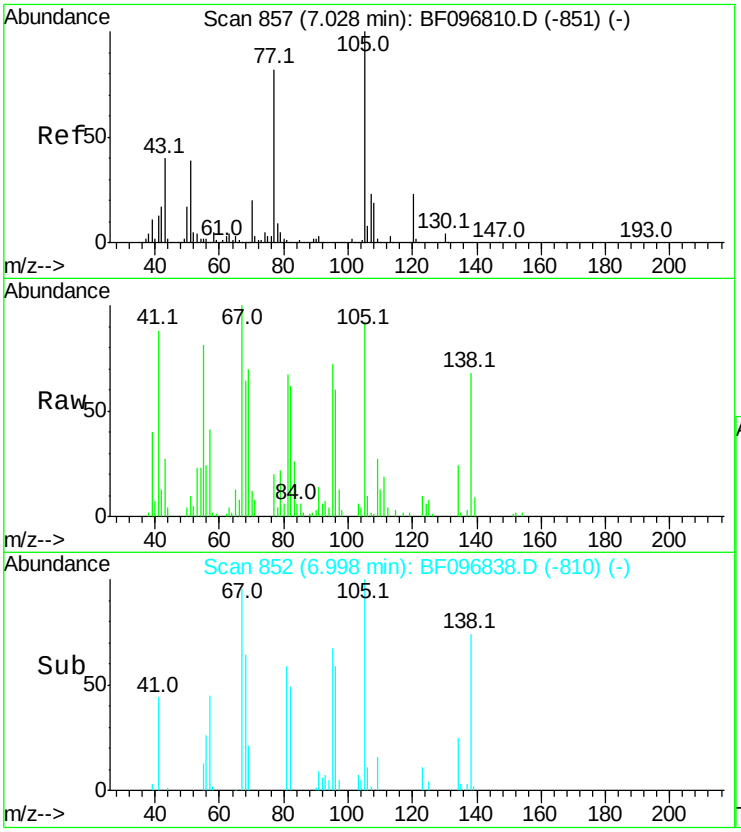


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1002
Delta R.T. -0.04 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Tgt Ion:136 Resp: 397079

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.5	12.7
54	11.1	4.9	7.3#
68	5.6	4.1	6.1



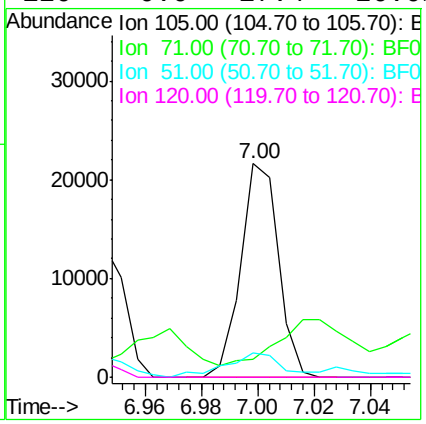


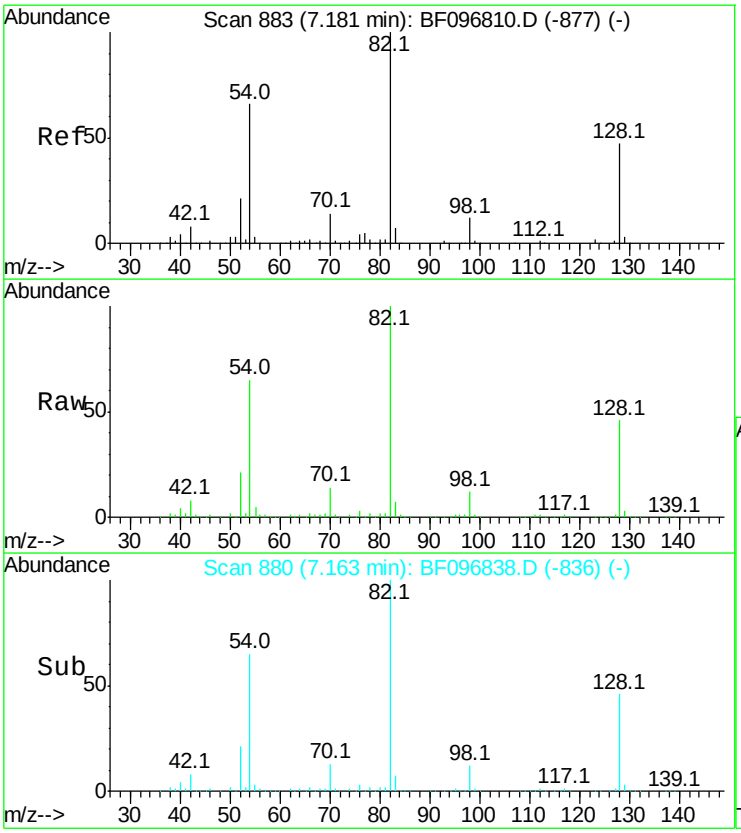
#22
Acetophenone
Concen: 2.260 ng
RT: 7.00 min Scan# 852
Delta R.T. -0.05 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Instrument :
BNA_F
ClientSampleId :
NB-TWP01

Tgt Ion:105 Resp: 20053

Ion	Ratio	Lower	Upper
105	100		
71	8.3	2.8	4.2#
51	11.3	30.7	46.1#
120	0.0	17.4	26.0#

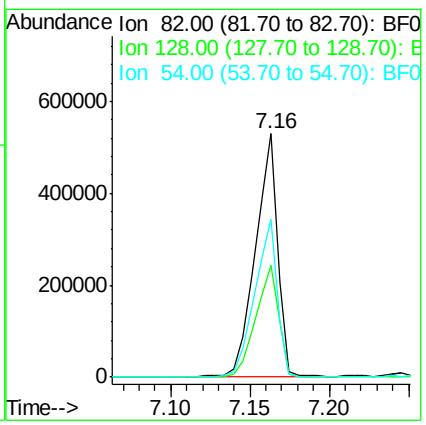


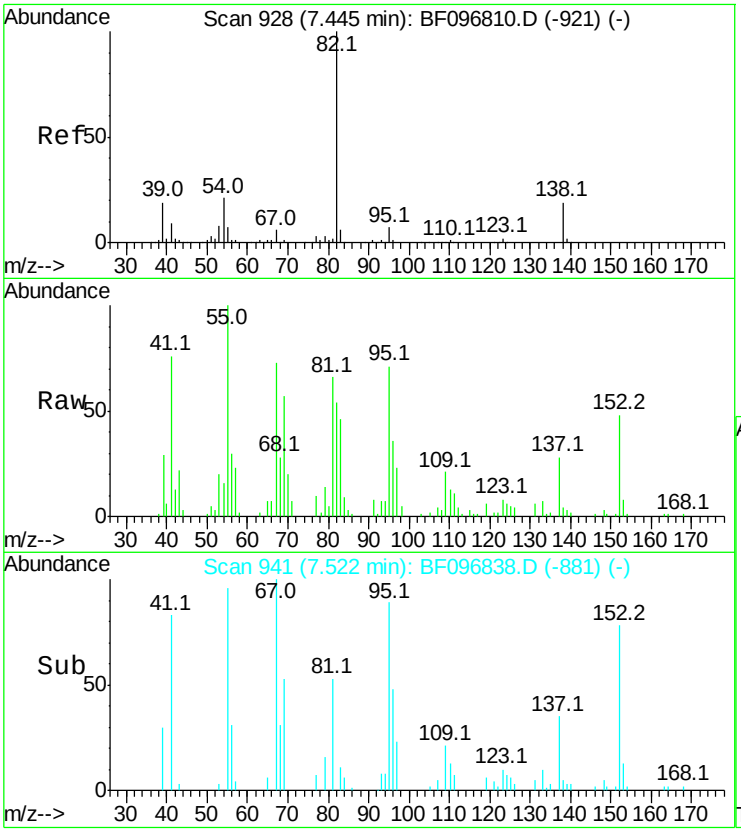


#23
Nitrobenzene-d5
Concen: 80.487 ng
RT: 7.16 min Scan# 880
Delta R.T. -0.04 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Tgt Ion: 82 Resp: 515971

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	64.7	42.2	63.2#



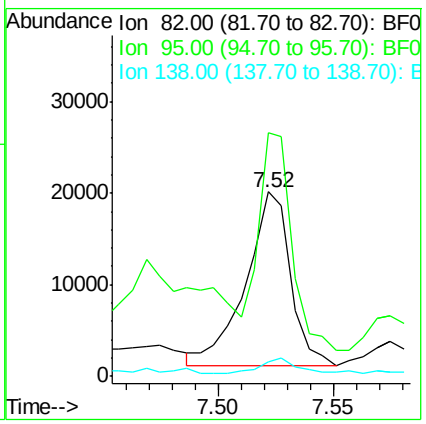


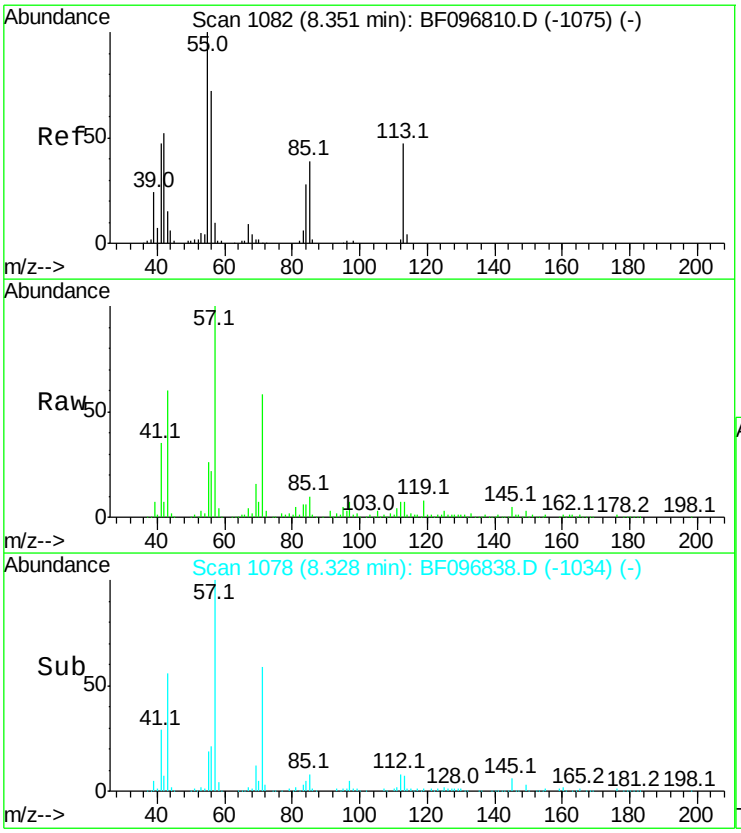
#25
Isophorone
Concen: 2.144 ng
RT: 7.52 min Scan# 941
Delta R.T. 0.05 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Instrument :
BNA_F
ClientSampleId :
NB-TWP01

Tgt Ion: 82 Resp: 25563

Ion	Ratio	Lower	Upper
82	100		
95	131.9	5.3	7.9#
138	7.7	13.1	19.7#

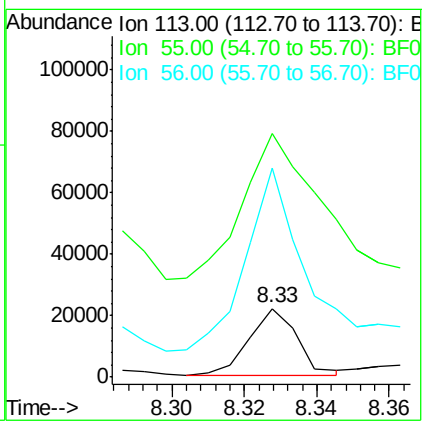


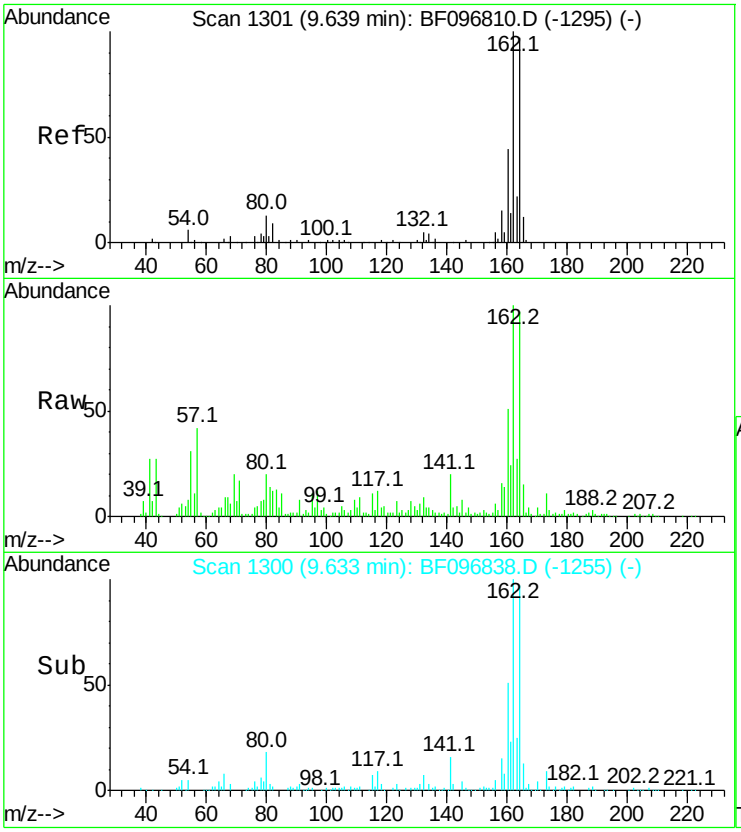


#35
Caprolactam
Concen: 11.270 ng
RT: 8.33 min Scan# 1078
Delta R.T. -0.04 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Tgt Ion:113 Resp: 19824

Ion	Ratio	Lower	Upper
113	100		
55	356.8	150.2	190.2#
56	305.7	107.8	147.8#



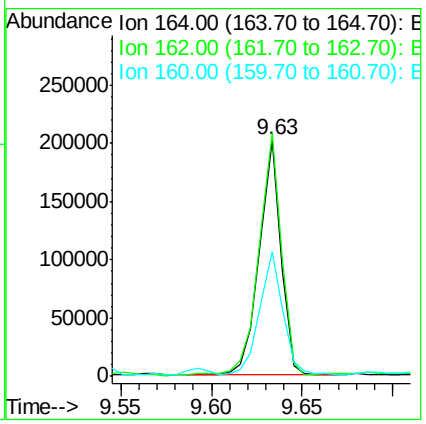


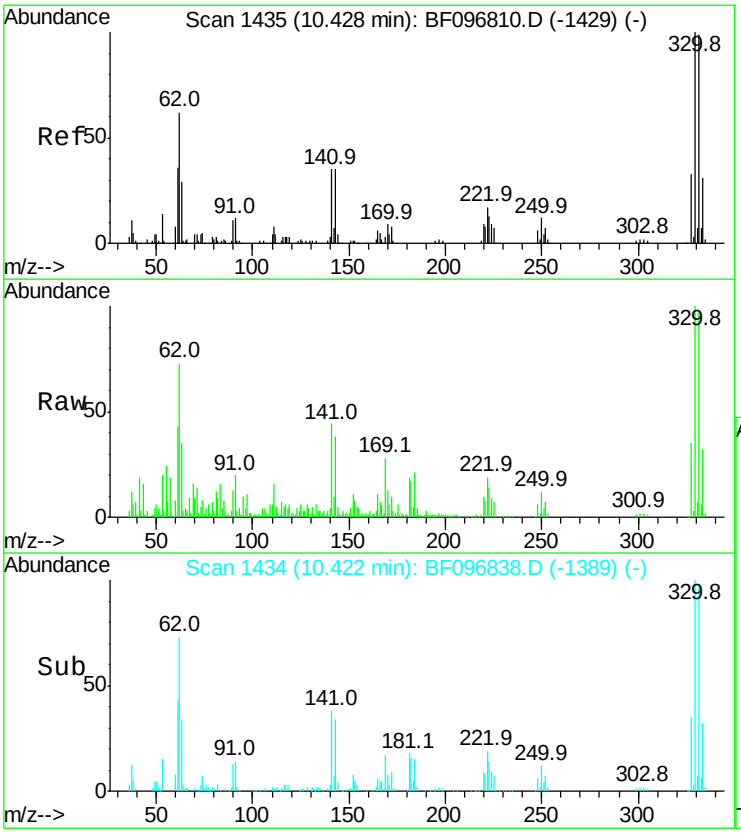
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Instrument :
BNA_F
ClientSampleId :
NB-TWP01

Tgt Ion:164 Resp: 169283

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	53.1	36.2	54.2

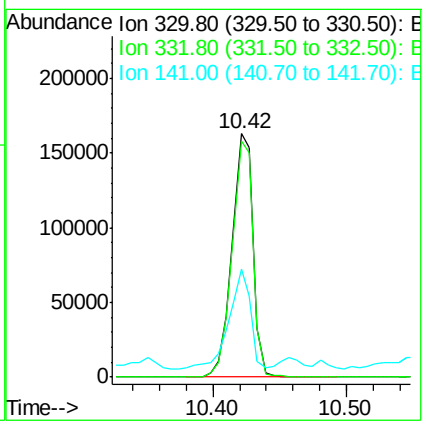


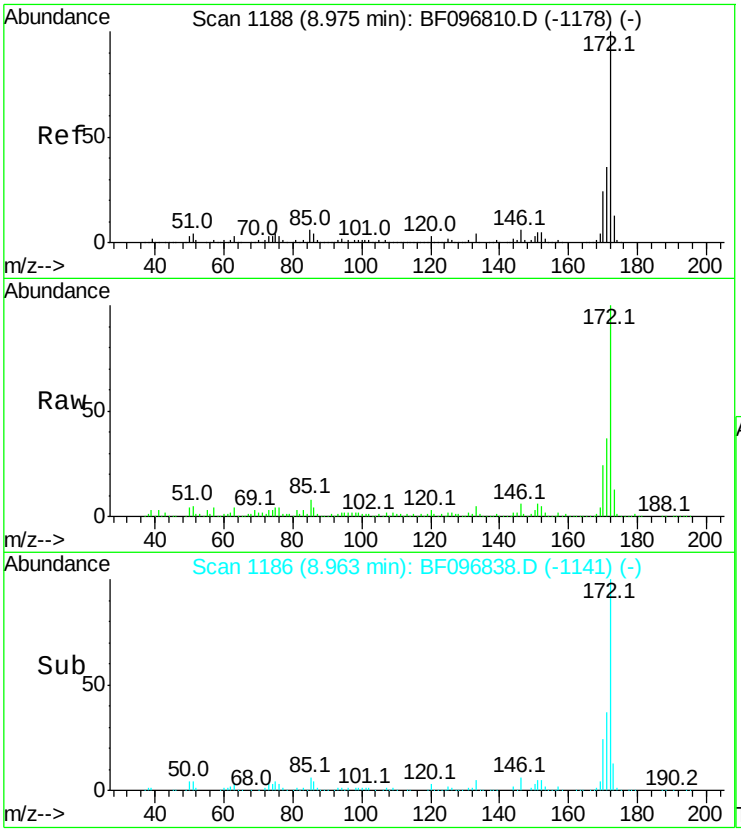


#41
2,4,6-Tribromophenol
Concen: 125.401 ng
RT: 10.42 min Scan# 1434
Delta R.T. -0.04 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Tgt Ion:330 Resp: 181202

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	42.1	31.4	47.2



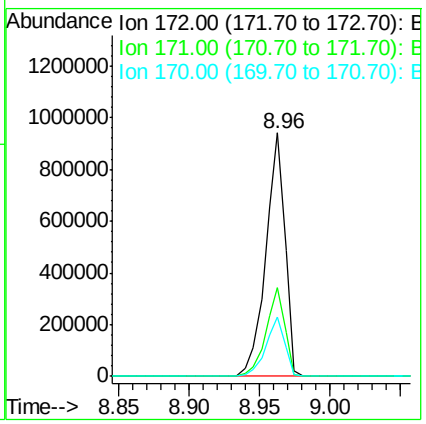


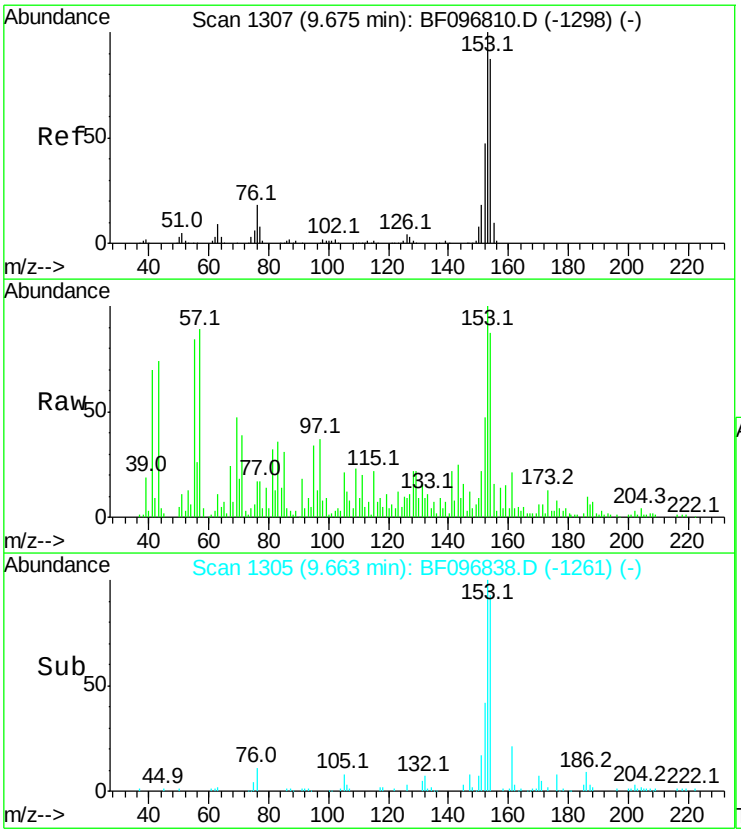
#44
2-Fluorobiphenyl
Concen: 84.101 ng
RT: 8.96 min Scan# 1186
Delta R.T. -0.04 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Instrument :
BNA_F
ClientSampleId :
NB-TWP01

Tgt Ion:172 Resp: 901114

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.2	19.8	29.8

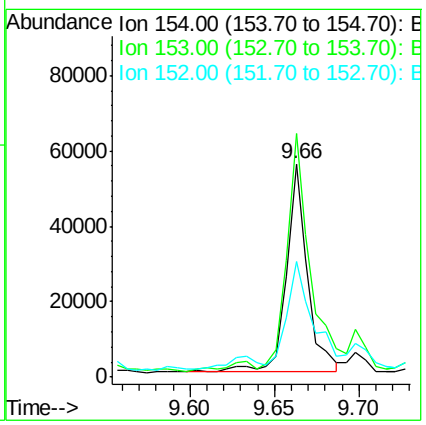


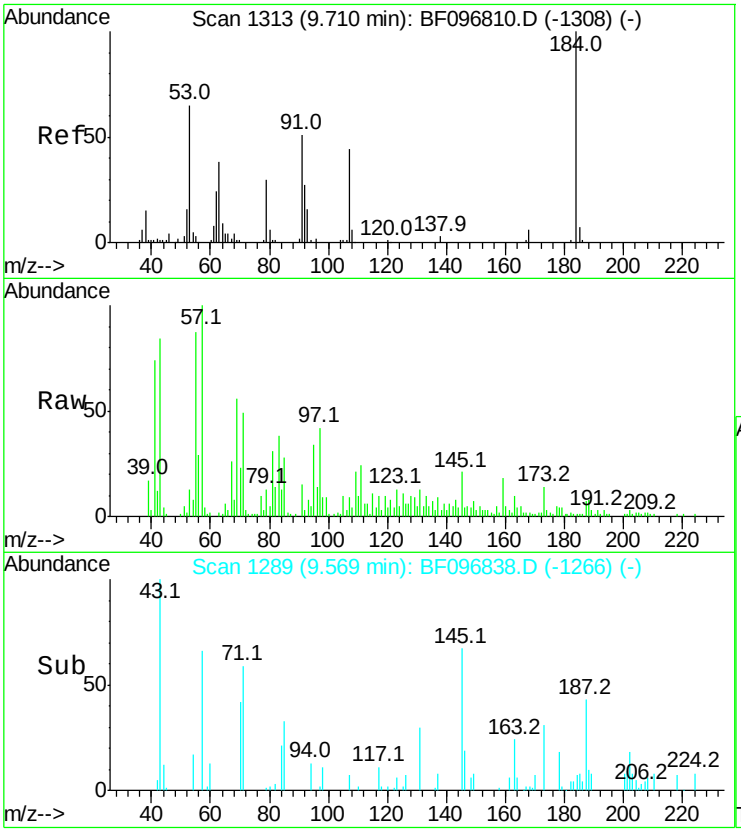


#51
Acenaphthene
Concen: 4.810 ng
RT: 9.66 min Scan# 1305
Delta R.T. -0.04 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Tgt Ion:154 Resp: 48397

Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.5	135.7
152	54.1	43.6	65.4



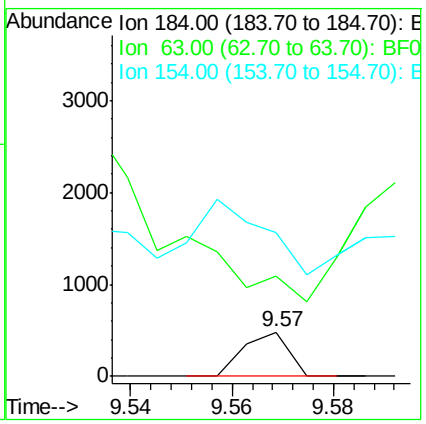


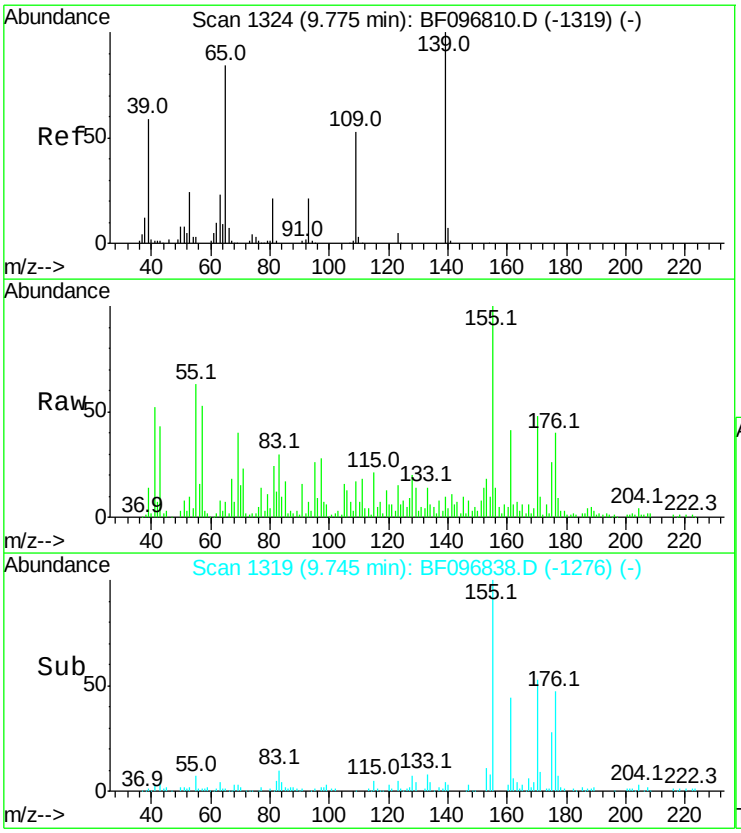
#53
2,4-Dinitrophenol
Concen: 6.939 ng
RT: 9.57 min Scan# 1289
Delta R.T. -0.16 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Instrument :
BNA_F
ClientSampleId :
NB-TWP01

Tgt Ion:184 Resp: 296

Ion	Ratio	Lower	Upper
184	100		
63	226.1	62.7	94.1#
154	324.8	81.1	121.7#

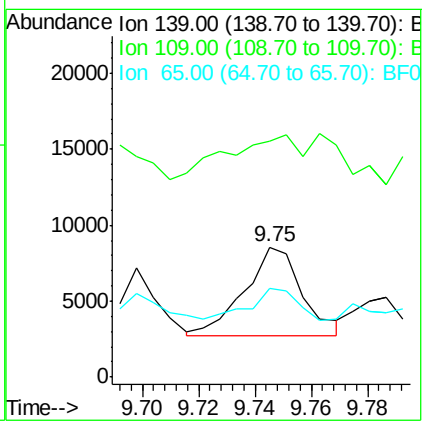


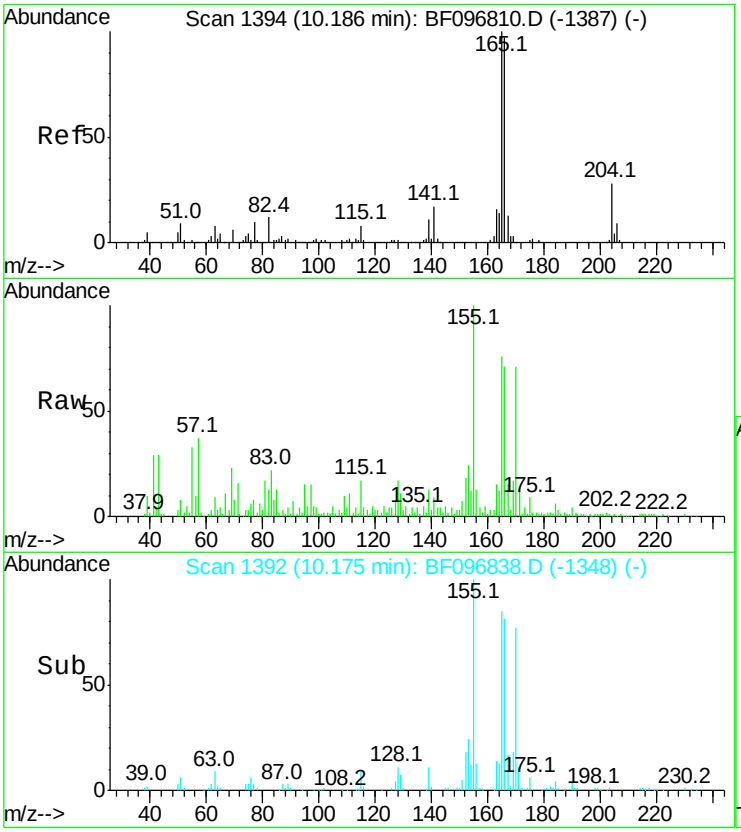


#55
4-Nitrophenol
Concen: 3.480 ng
RT: 9.75 min Scan# 1319
Delta R.T. -0.05 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Tgt Ion:139 Resp: 8316

Ion	Ratio	Lower	Upper
139	100		
109	181.3	34.1	74.1#
65	68.2	31.4	71.4



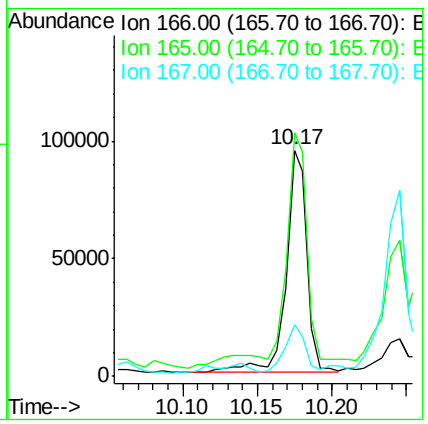


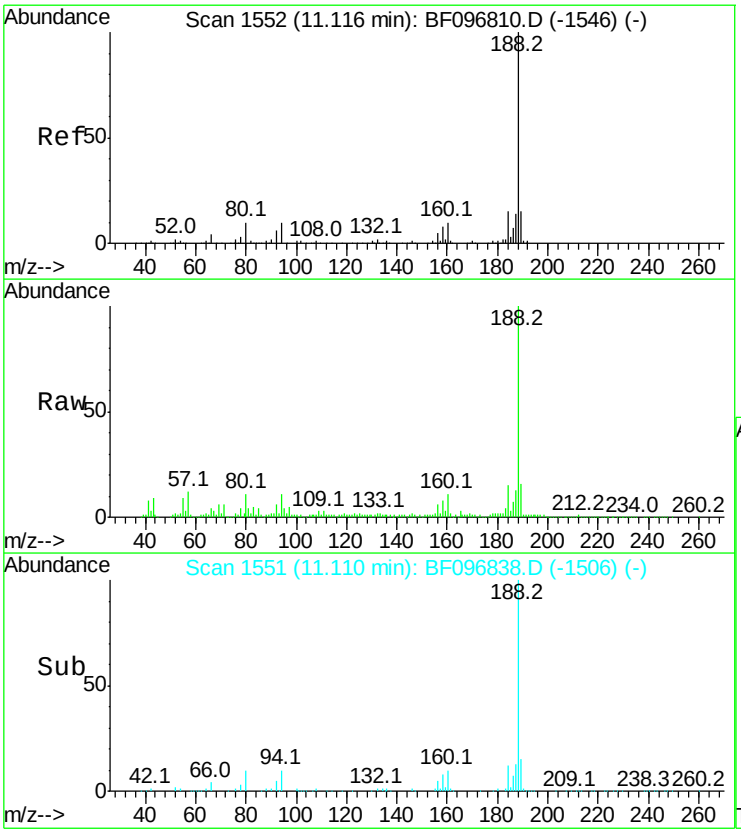
#57
Fluorene
Concen: 8.945 ng
RT: 10.17 min Scan# 1392
Delta R.T. -0.04 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Instrument :
BNA_F
ClientSampleId :
NB-TWP01

Tgt Ion:166 Resp: 93206

Ion	Ratio	Lower	Upper
166	100		
165	107.8	78.8	118.2
167	22.7	10.6	16.0#

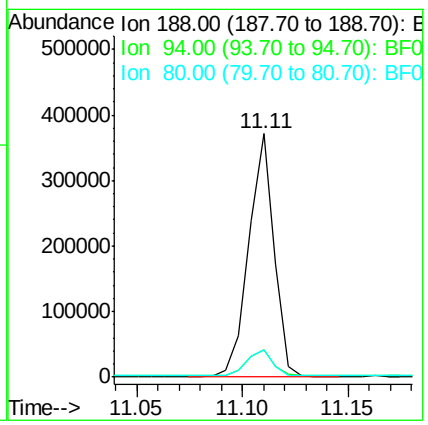


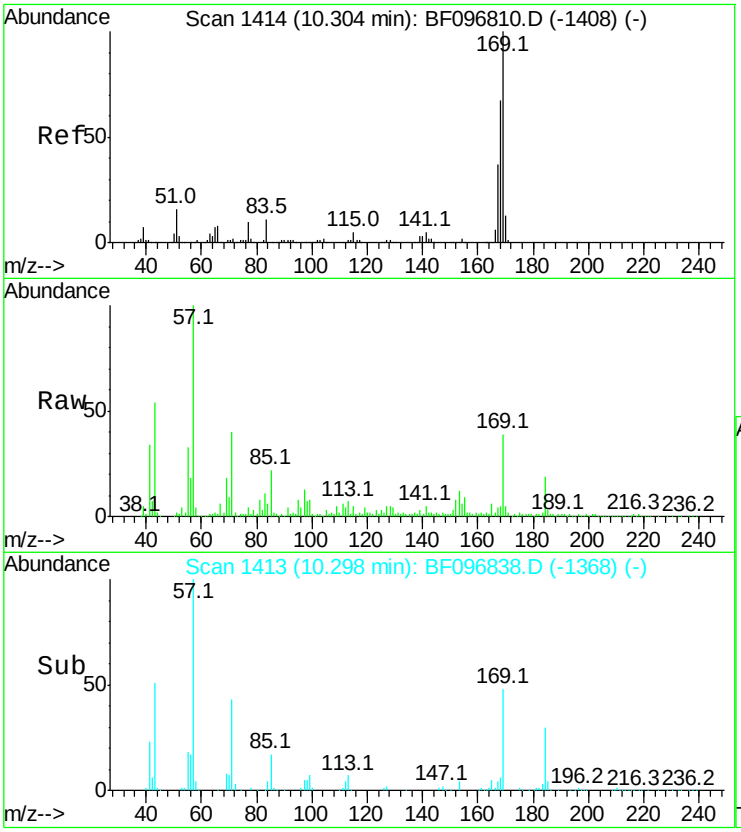


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1551
Delta R.T. -0.04 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Tgt Ion:188 Resp: 308408

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.0	10.2	15.2



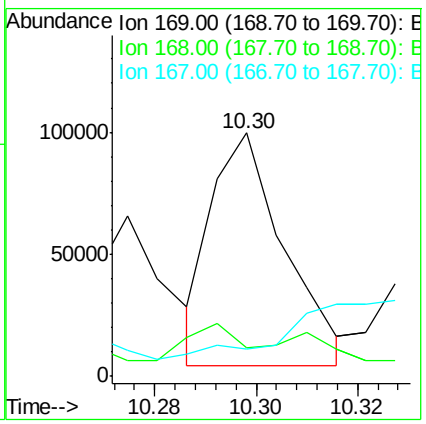


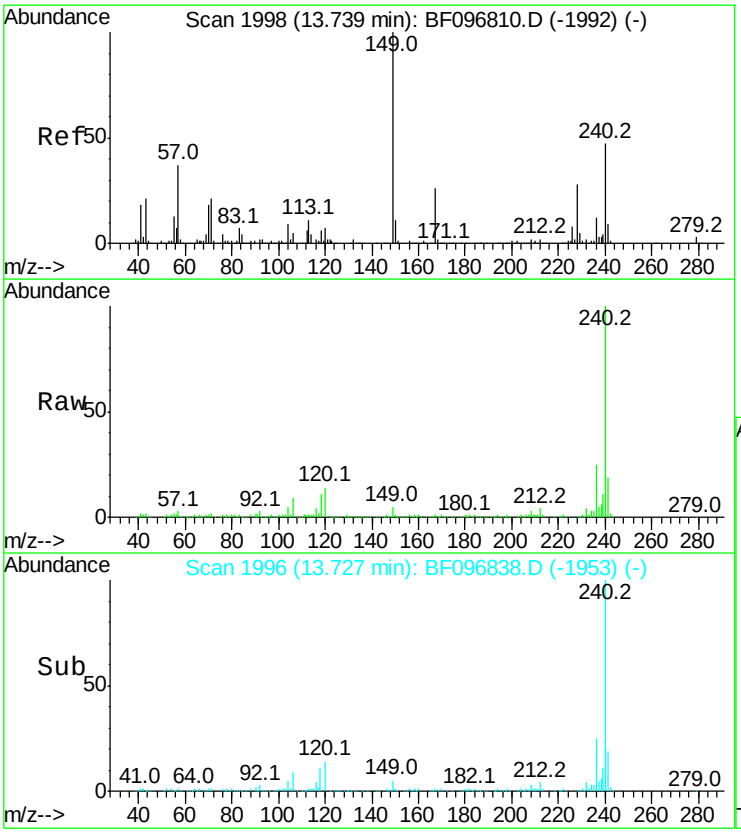
#65
n-Nitrosodiphenylamine
Concen: 8.617 ng
RT: 10.30 min Scan# 1413
Delta R.T. -0.04 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Instrument :
BNA_F
ClientSampleId :
NB-TWP01

Tgt Ion:169 Resp: 94993

Ion	Ratio	Lower	Upper
169	100		
168	11.7	53.2	79.8#
167	11.1	29.5	44.3#

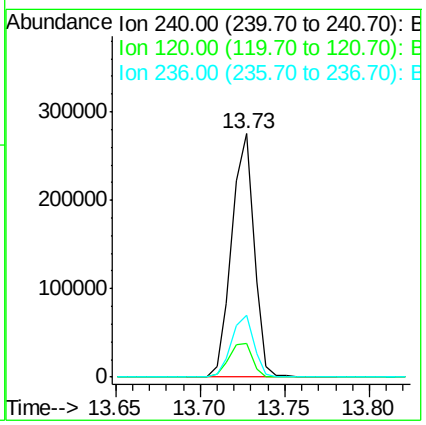


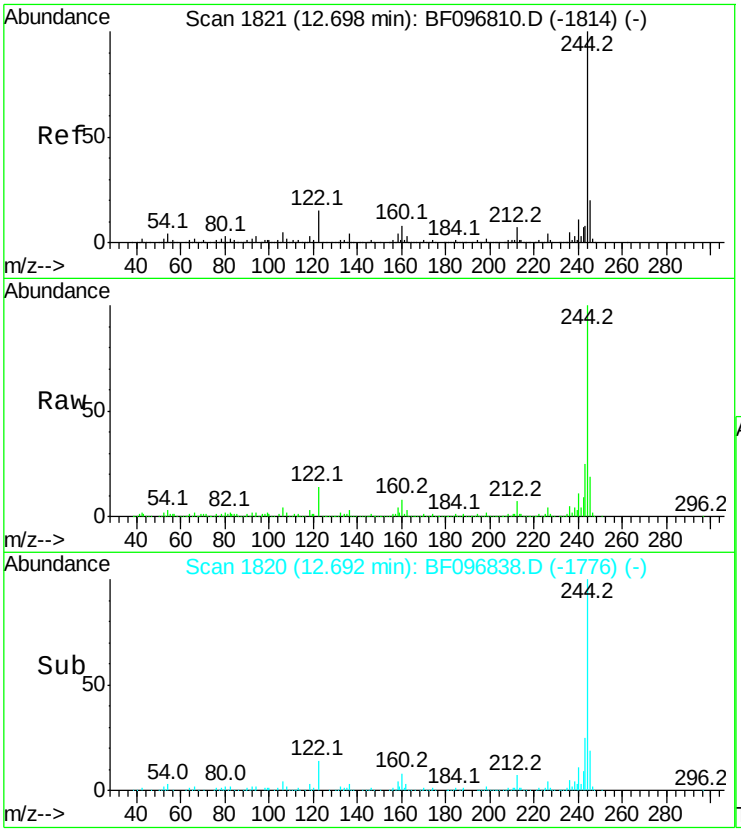


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.73 min Scan# 1996
Delta R.T. -0.05 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Tgt Ion:240 Resp: 254078

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	25.3	20.5	30.7



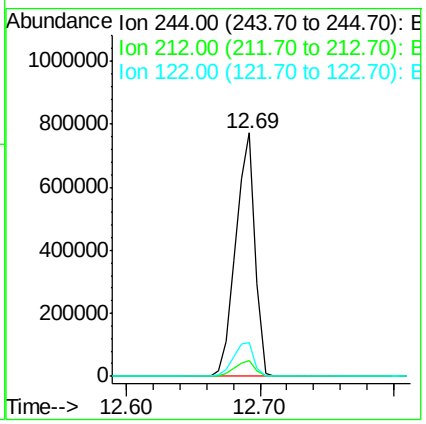


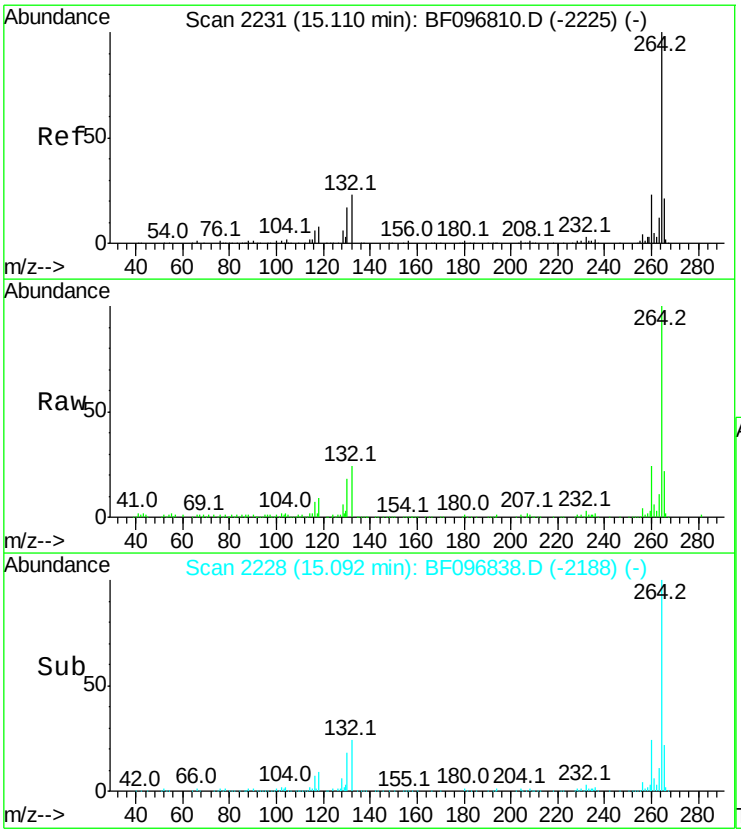
#78
Terphenyl-d14
Concen: 53.185 ng
RT: 12.69 min Scan# 1820
Delta R.T. -0.04 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Instrument :
BNA_F
ClientSampleId :
NB-TWP01

Tgt Ion:244 Resp: 779182

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.0	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2228
Delta R.T. -0.06 min
Lab File: BF096838.D
Acq: 18 Jul 2017 10:43

Tgt Ion:264 Resp: 187062

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.5	17.2	25.8