Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051116\
Data File : BF086920.D
Acq On : 12 May 2016 8:22
Operator : UM/SJ
Sample : PB90419BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 12 15:21:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	137248	20.00	ng	-0.07
21) Naphthalene-d8	7.92	136	529630	20.00	ng	-0.07
38) Acenaphthene-d10	9.67	164	212416	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	312078	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	303682	20.00	ng	-0.07
86) Perylene-d12	15.13	264	224308	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	963479	118.89	ng	-0.05
7) Phenol-d6	6.30	99	1249162	115.33	ng	-0.07
23) Nitrobenzene-d5	7.21	82	886602	84.06	ng	-0.05
41) 2,4,6-Tribromophenol	10.46	330	192339	85.53	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	1290220	102.08	ng	-0.05
78) Terphenyl-d14	12.73	244	934878	65.32	ng	-0.07
Target Compounds						Qvalue
15) Benzyl Alcohol	6.79	79	15324	2.05	ng	# 39
19) n-Nitroso-di-n-propylamine	7.21	70	124602	16.46	ng	# 79
25) Isophorone	7.21	82	857307	43.81	ng	# 68
50) 2,6-Dinitrotoluene	9.67	165	26875	7.88	ng	# 21
56) 2,4-Dinitrotoluene	9.67	165	26876	6.37	ng	# 16
66) 4-Bromophenyl-phenylether	10.46	248	12304	3.89	ng	# 1
76) Benzidine	12.73	184	15529	2.01	ng	97

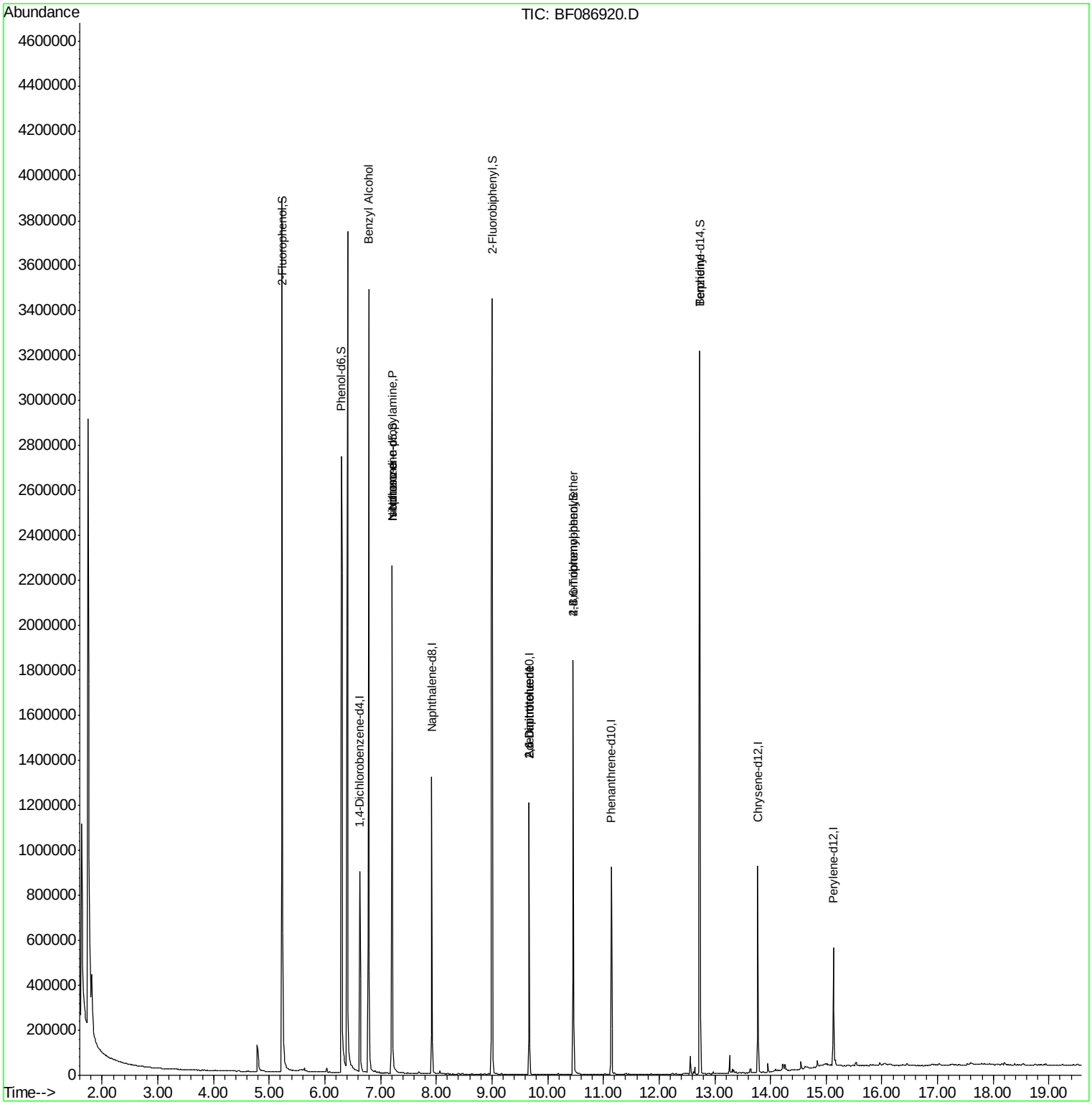
(#) = qualifier out of range (m) = manual integration (+) = signals summed

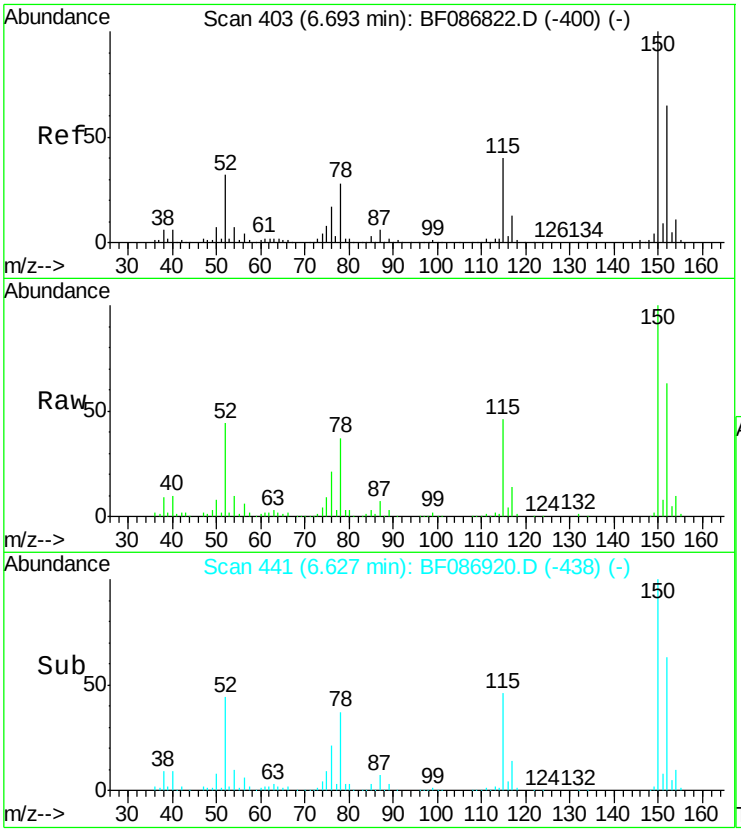
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051116\
Data File : BF086920.D
Acq On : 12 May 2016 8:22
Operator : UM/SJ
Sample : PB90419BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 12 15:21:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration



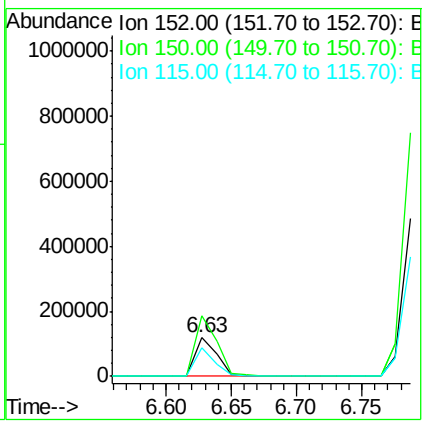


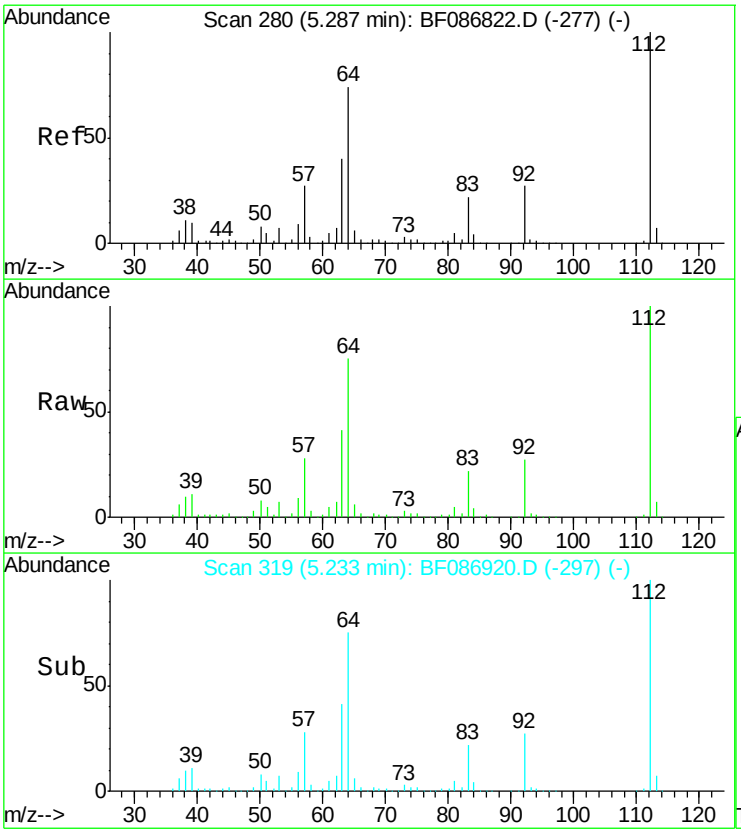
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.07 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 137248

Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.8	188.6
115	73.0	51.5	77.3

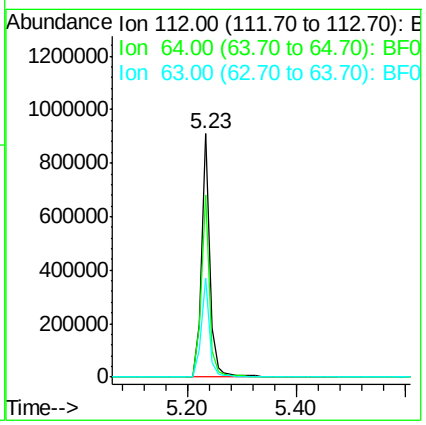


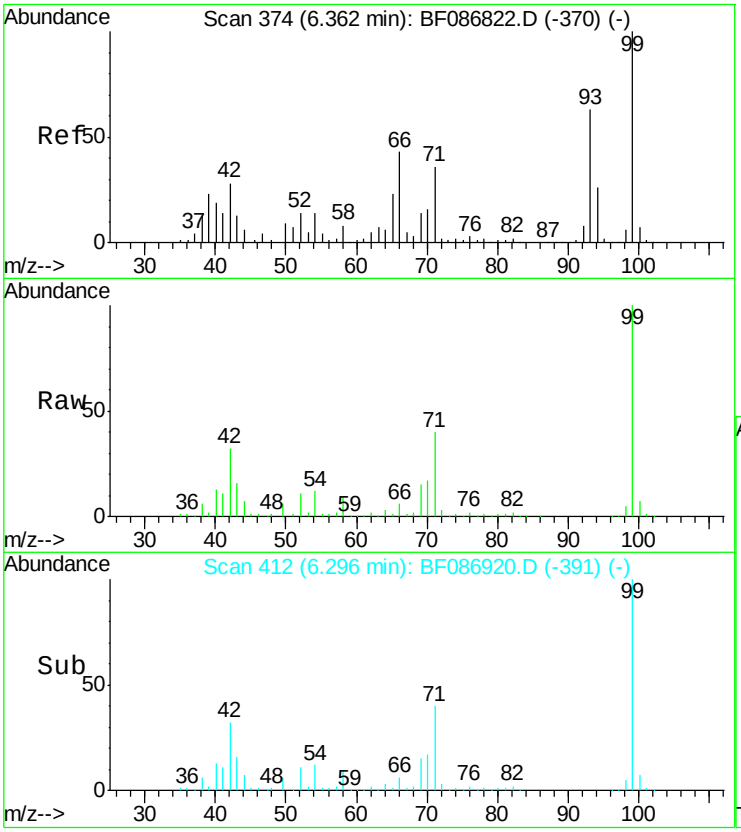


#5
2-Fluorophenol
Concen: 118.89 ng
RT: 5.23 min Scan# 319
Delta R.T. -0.05 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Tgt Ion:112 Resp: 963479

Ion	Ratio	Lower	Upper
112	100		
64	75.1	52.1	78.1
63	40.7	25.7	38.5#



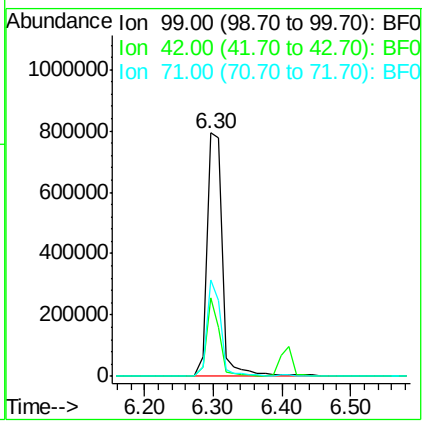


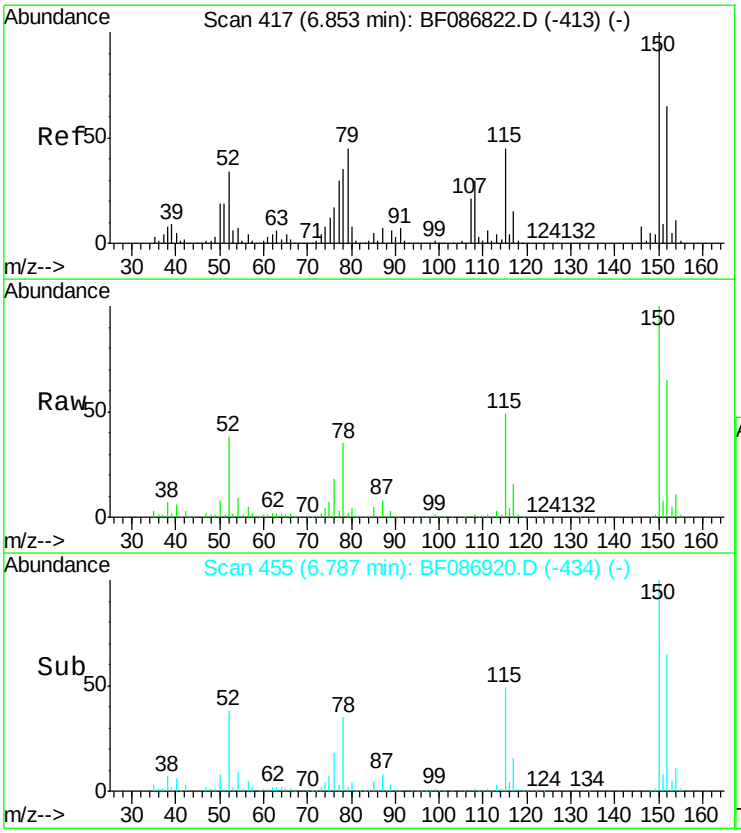
#7
Phenol-d6
Concen: 115.33 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.07 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1249162

Ion	Ratio	Lower	Upper
99	100		
42	32.2	13.6	20.4#
71	39.8	24.6	36.8#

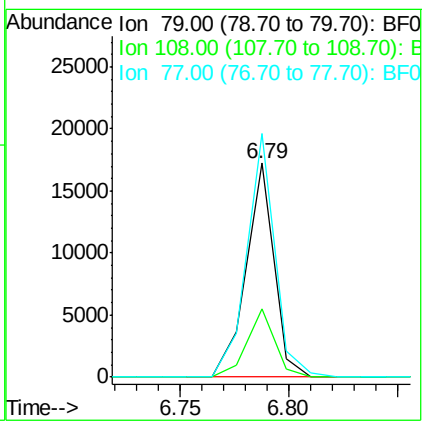


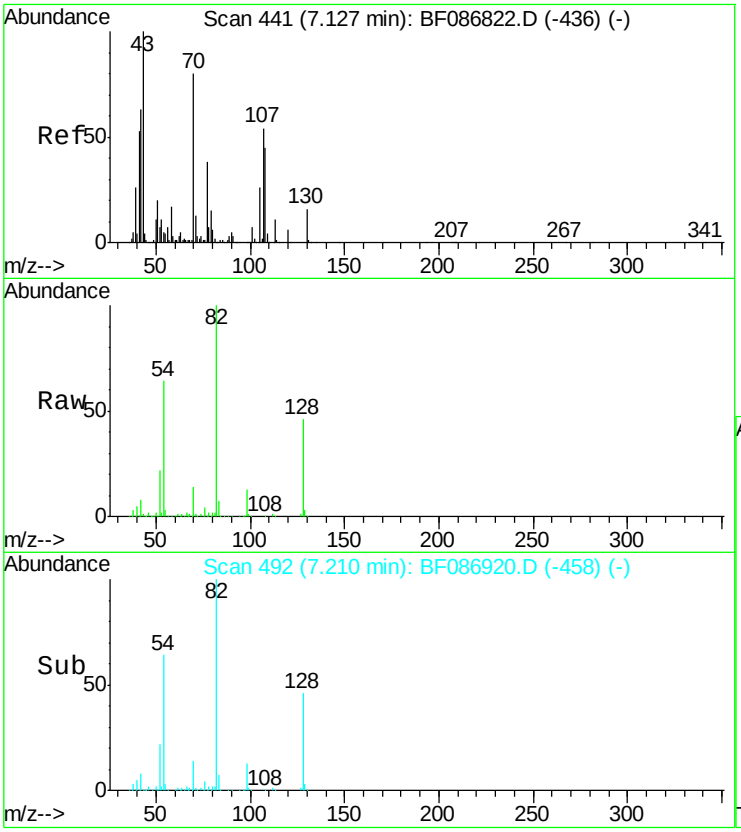


#15
Benzyl Alcohol
Concen: 2.05 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.07 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Tgt Ion: 79 Resp: 15324

Ion	Ratio	Lower	Upper
79	100		
108	31.9	68.4	102.6#
77	113.8	50.6	76.0#



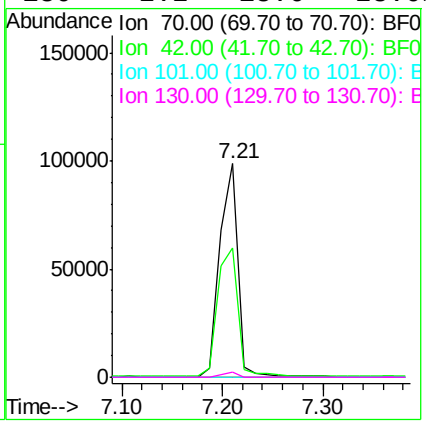


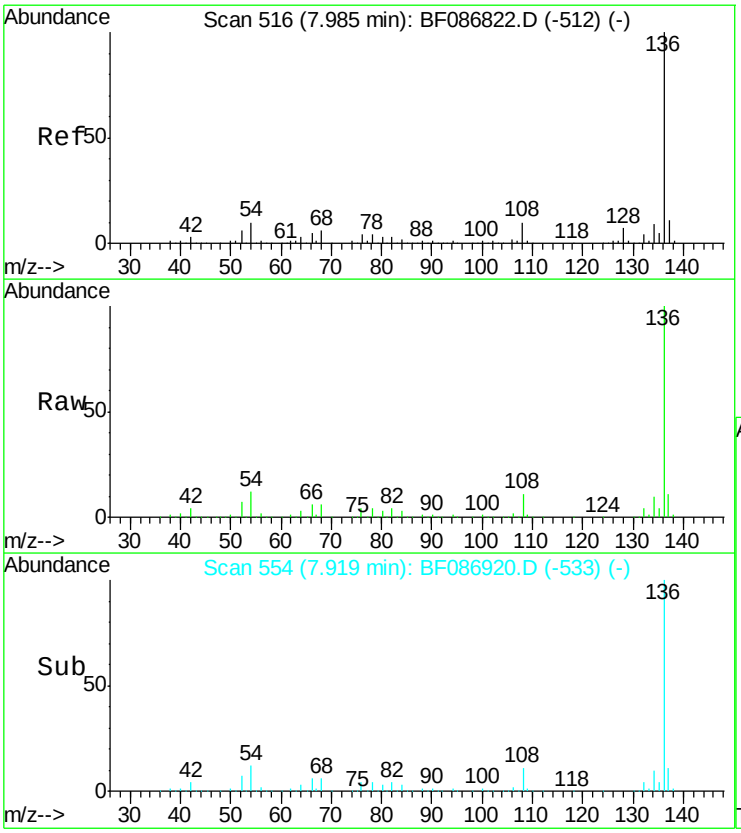
#19
n-Nitroso-di-n-propylamine
Concen: 16.46 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.08 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 124602

Ion	Ratio	Lower	Upper
70	100		
42	60.8	43.1	64.7
101	0.0	8.1	12.1#
130	2.2	18.6	28.0#

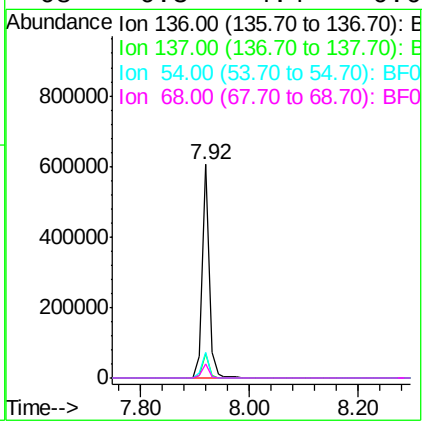


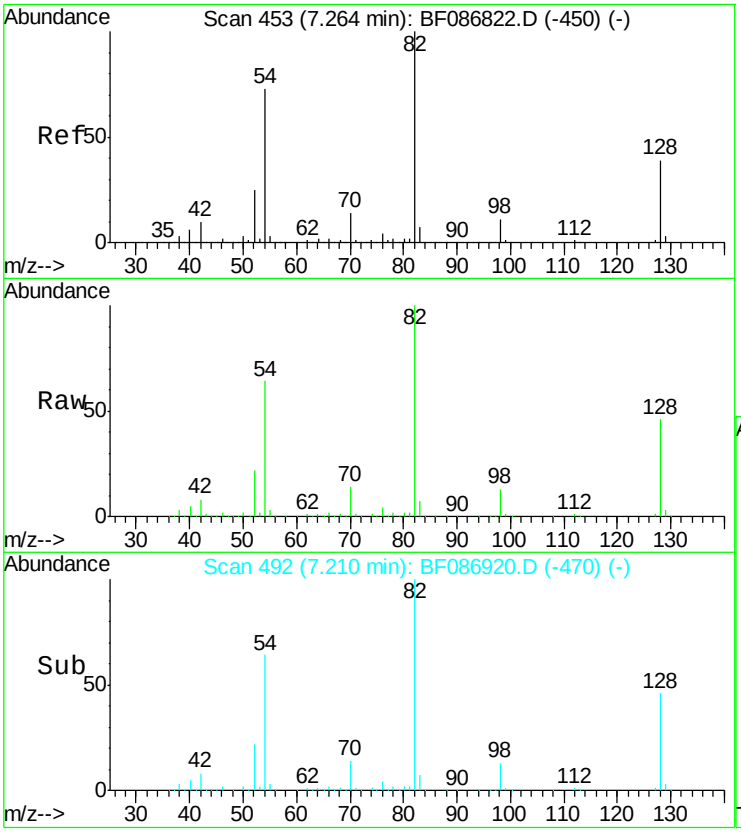


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.07 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Tgt Ion:136 Resp: 529630

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	12.0	5.0	7.4#
68	6.3	4.4	6.6



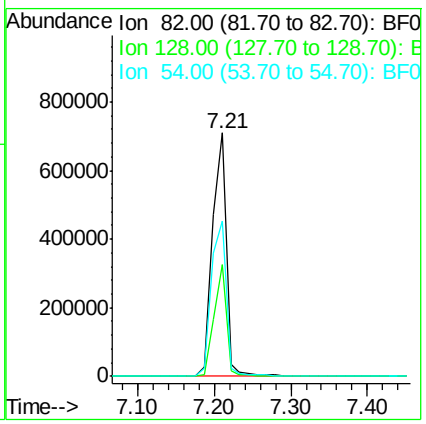


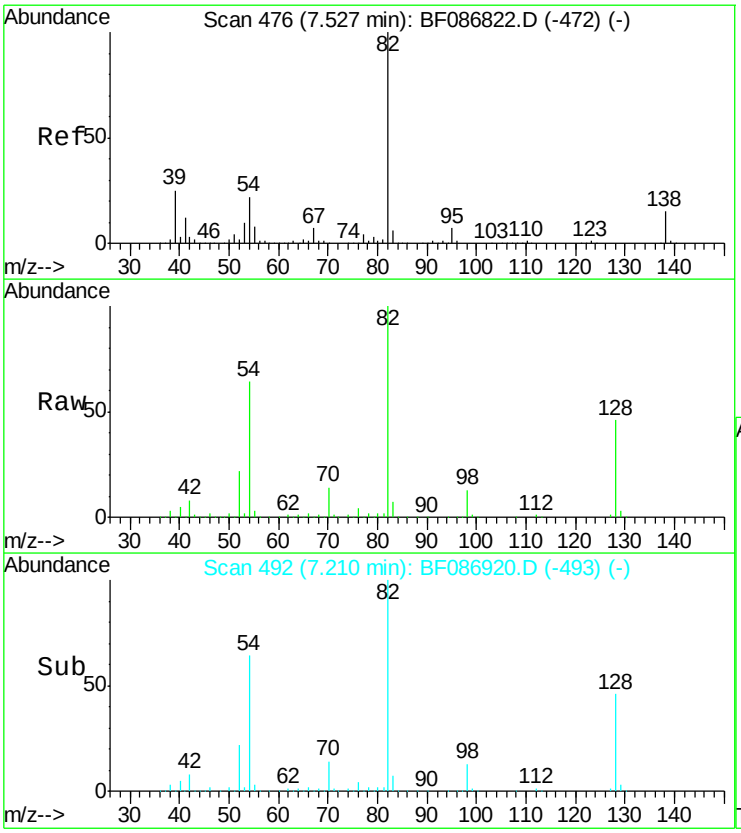
#23
Nitrobenzene-d5
Concen: 84.06 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.05 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 886602

Ion	Ratio	Lower	Upper
82	100		
128	45.9	40.6	61.0
54	63.7	38.1	57.1#

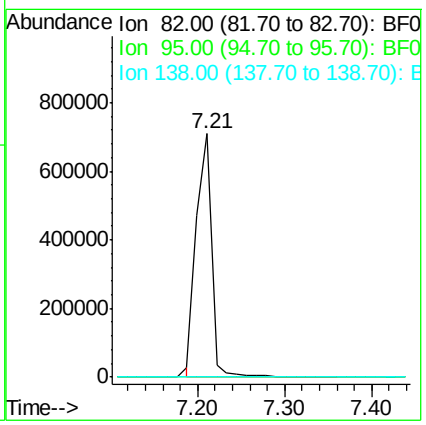


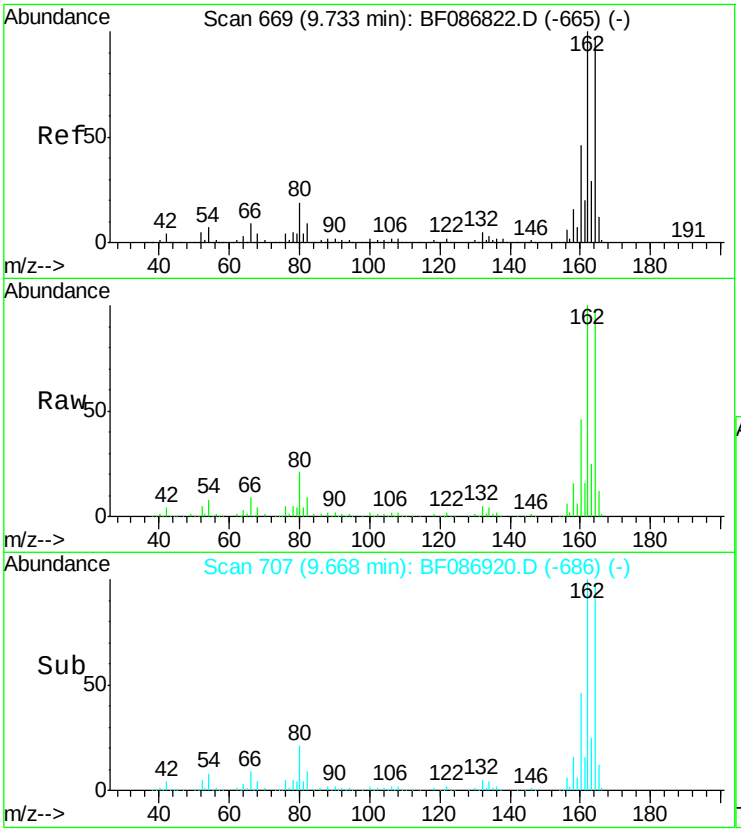


#25
Isophorone
Concen: 43.81 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.32 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Tgt Ion: 82 Resp: 857307

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#



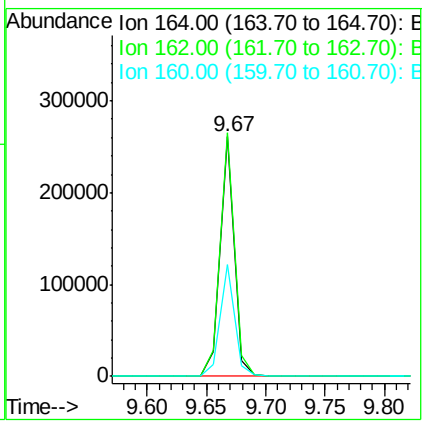


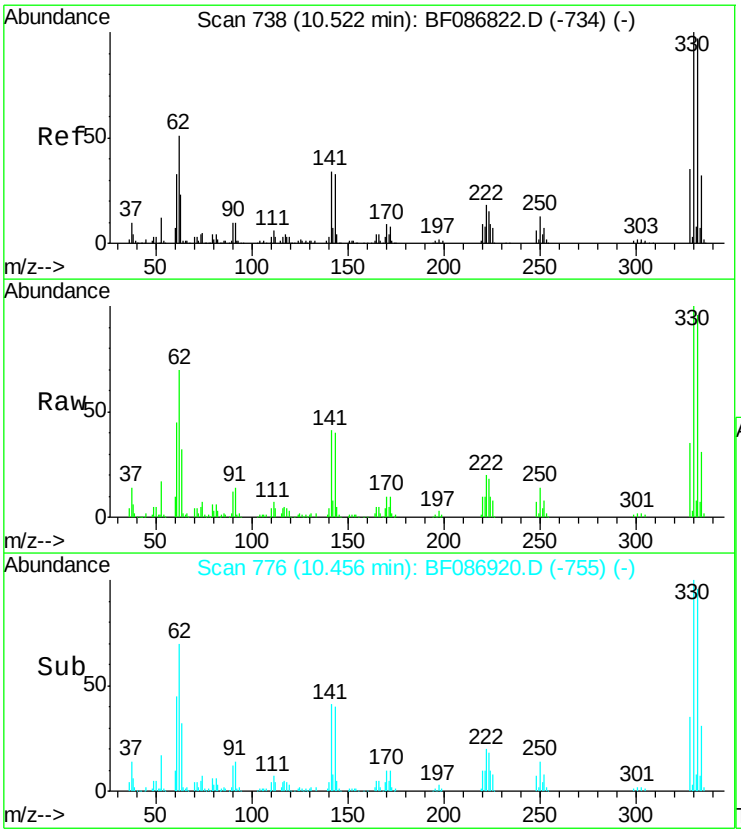
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.07 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 212416

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.8	124.2
160	46.7	36.9	55.3

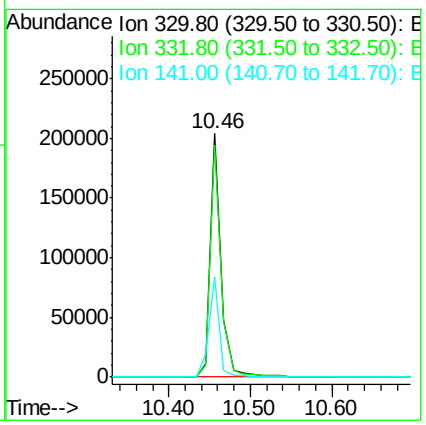


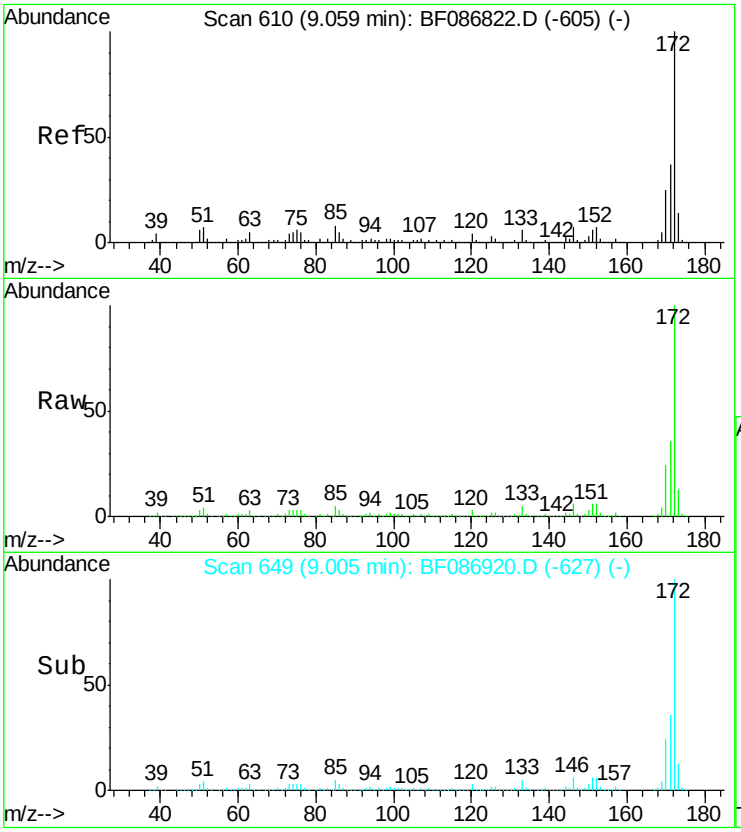


#41
2,4,6-Tribromophenol
Concen: 85.53 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.07 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Tgt Ion:330 Resp: 192339

Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.0	118.4
141	40.8	31.2	46.8



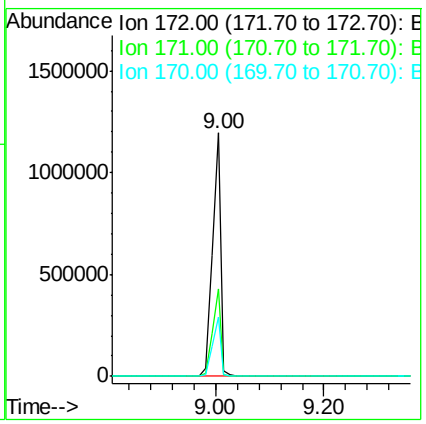


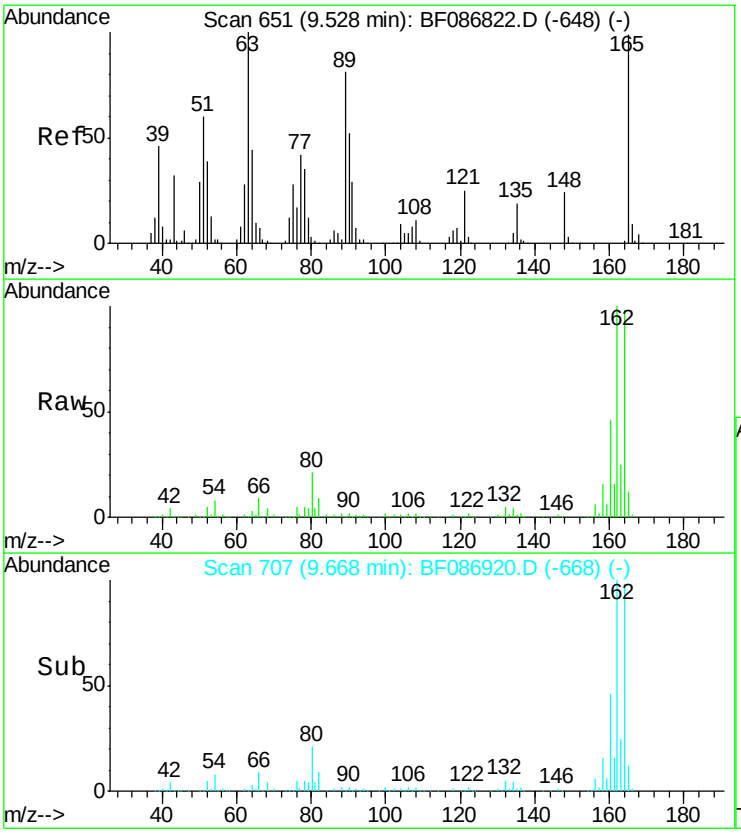
#44
2-Fluorobiphenyl
Concen: 102.08 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1290220

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.5	19.8	29.8

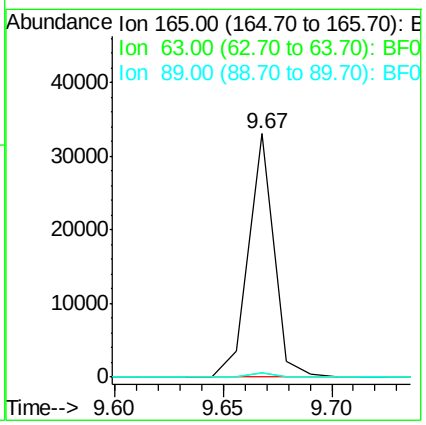


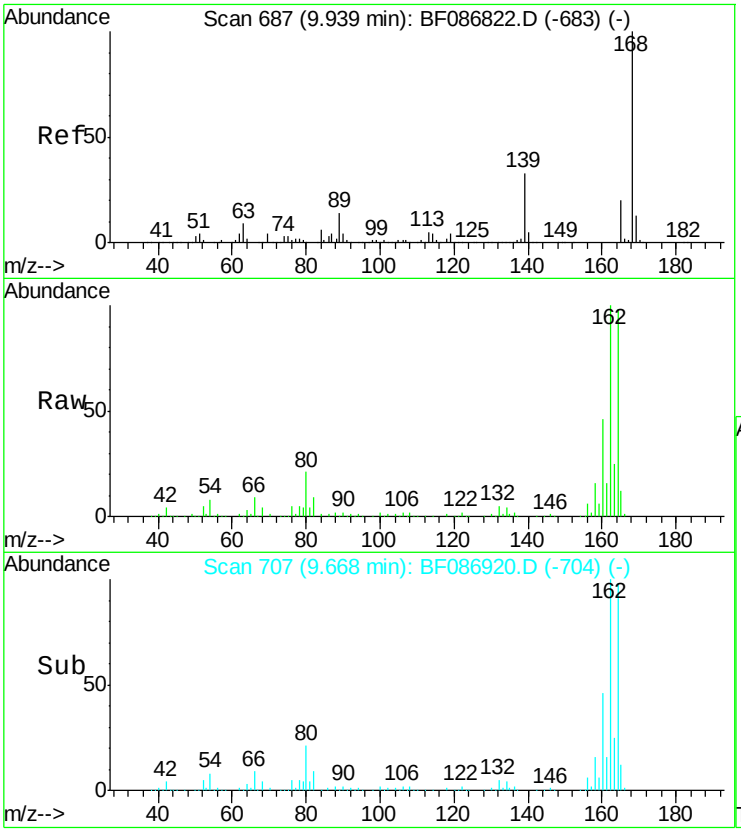


#50
2,6-Dinitrotoluene
Concen: 7.88 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.14 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Tgt Ion:165 Resp: 26875

Ion	Ratio	Lower	Upper
165	100		
63	1.8	51.8	77.8#
89	2.0	50.7	76.1#



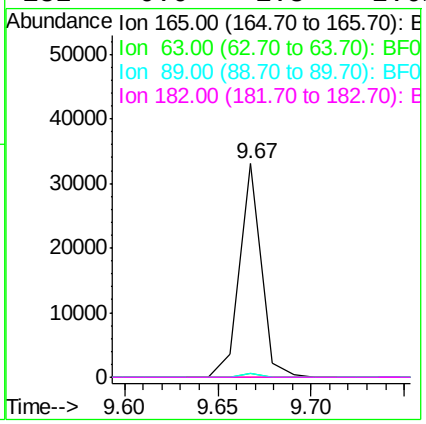


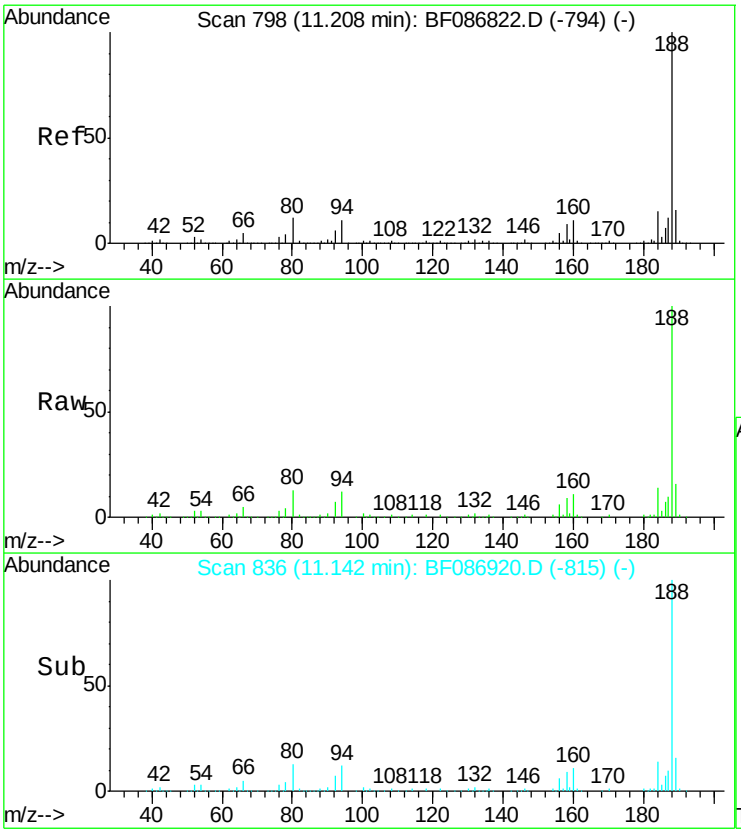
#56
2,4-Dinitrotoluene
Concen: 6.37 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.27 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26876

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.3	66.5#
89	2.0	70.0	105.0#
182	0.0	1.8	2.6#

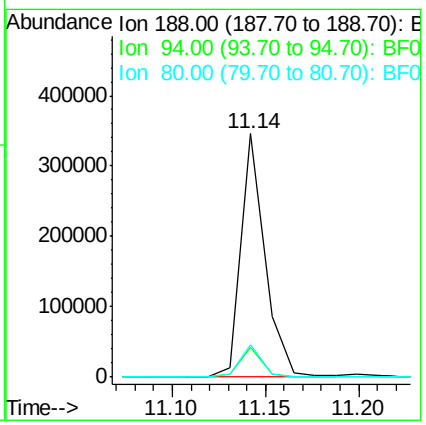


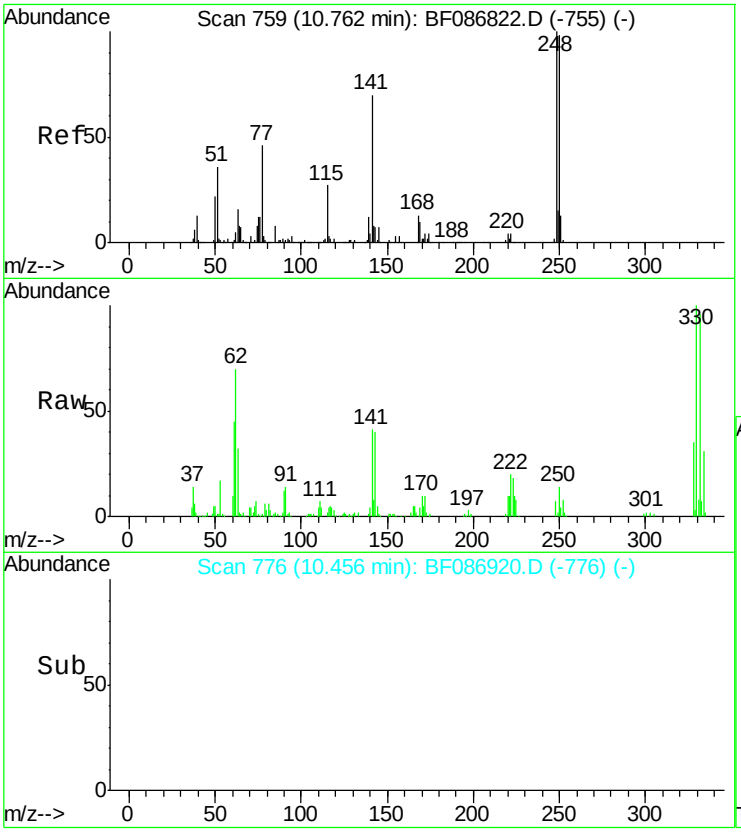


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.07 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Tgt Ion:188 Resp: 312078

Ion	Ratio	Lower	Upper
188	100		
94	12.2	6.8	10.2#
80	13.2	7.1	10.7#



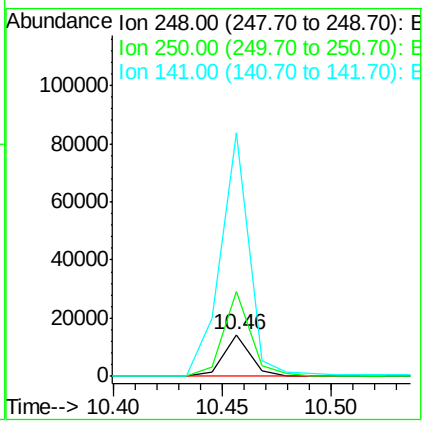


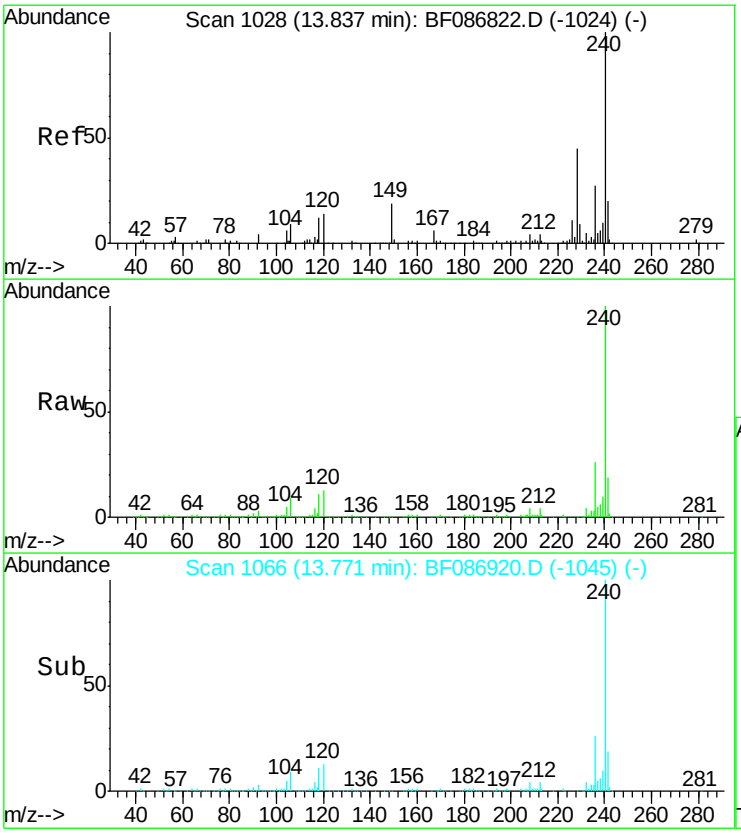
#66
4-Bromophenyl-phenylether
Concen: 3.89 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.31 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12304

Ion	Ratio	Lower	Upper
248	100		
250	202.5	78.6	117.8#
141	581.1	76.0	114.0#

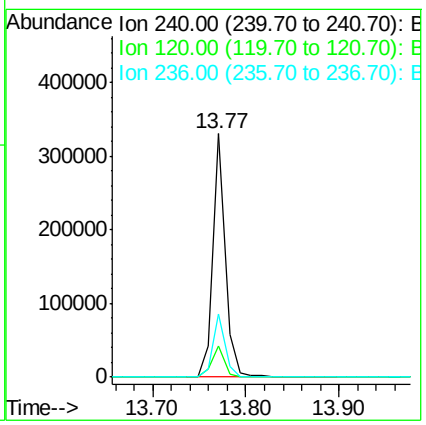


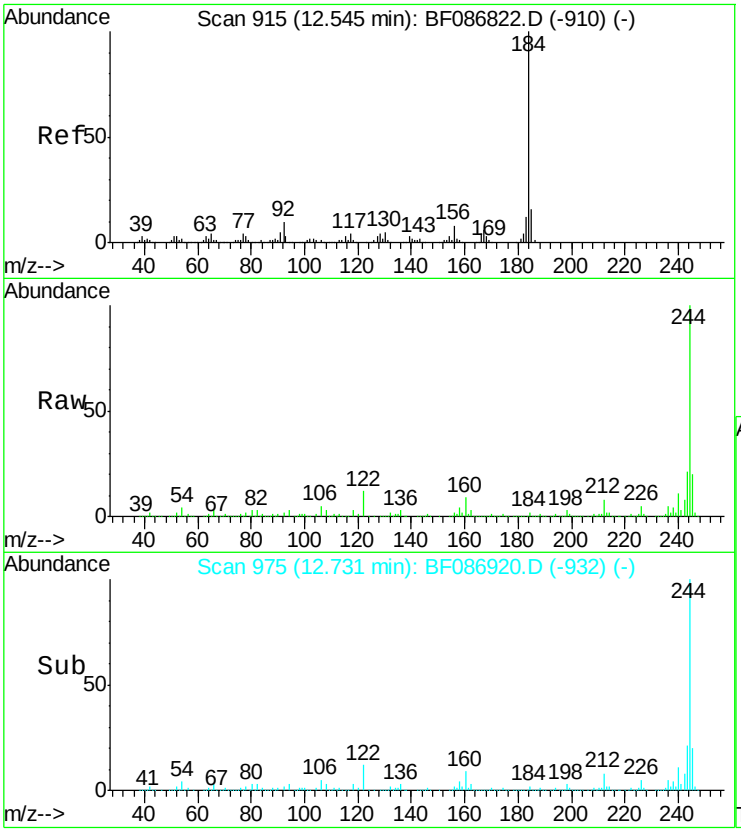


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.07 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Tgt Ion:240 Resp: 303682

Ion	Ratio	Lower	Upper
240	100		
120	12.5	11.2	16.8
236	26.1	21.2	31.8



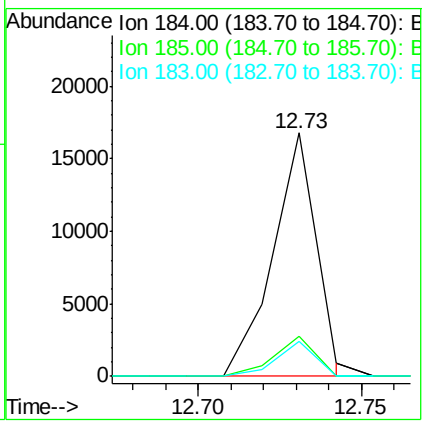


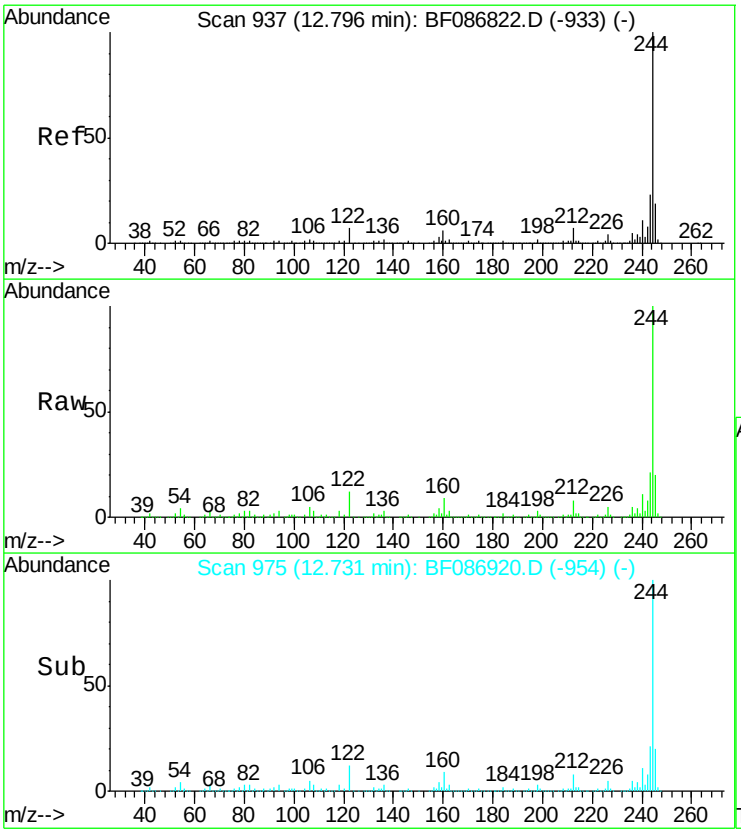
#76
Benzidine
Concen: 2.01 ng
RT: 12.73 min Scan# 975
Delta R.T. 0.19 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 15529

Ion	Ratio	Lower	Upper
184	100		
185	16.7	13.6	20.4
183	14.3	9.8	14.6

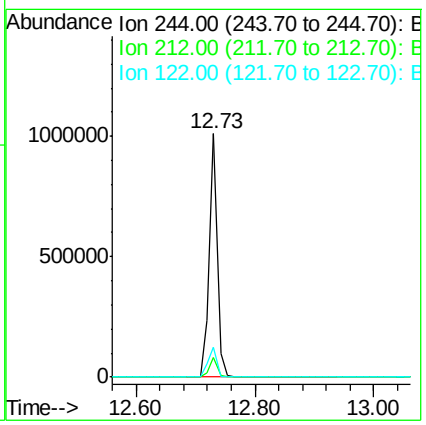


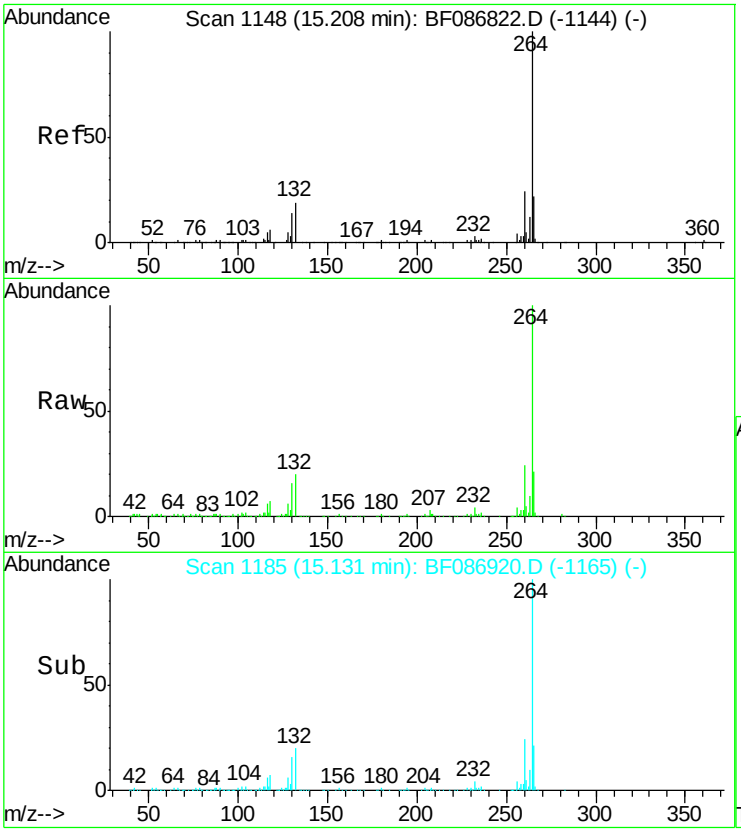


#78
Terphenyl-d14
Concen: 65.32 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.07 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Tgt Ion:244 Resp: 934878

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	12.5	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.08 min
Lab File: BF086920.D
Acq: 12 May 2016 8:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 224308

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.5	17.3	25.9