Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051916\
Data File : BF087220.D
Acq On : 20 May 2016 9:03
Operator : UM/SJ
Sample : PB90743BL
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 20 14:38:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	125631	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	510590	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	239884	20.00	ng	-0.05
63) Phenanthrene-d10	11.07	188	381855	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	265809	20.00	ng	-0.06
86) Perylene-d12	15.06	264	239171	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	1027125	137.42	ng	-0.03
7) Phenol-d6	6.24	99	1224195	122.12	ng	-0.05
23) Nitrobenzene-d5	7.14	82	798904	77.98	ng	-0.05
41) 2,4,6-Tribromophenol	10.40	330	264421	99.75	ng	-0.05
44) 2-Fluorobiphenyl	8.94	172	1366037	94.31	ng	-0.05
78) Terphenyl-d14	12.66	244	998407	84.97	ng	-0.05
Target Compounds						Qvalue
15) Benzyl Alcohol	6.72	79	15028	2.01	ng	# 45
19) n-Nitroso-di-n-propylamine	7.14	70	114330	15.00	ng	# 73
25) Isophorone	7.14	82	690238	36.80	ng	# 68
50) 2,6-Dinitrotoluene	9.60	165	29835	7.51	ng	# 20
56) 2,4-Dinitrotoluene	9.60	165	29835	5.86	ng	# 16
66) 4-Bromophenyl-phenylether	10.39	248	15171	3.86	ng	# 1
76) Benzidine	12.66	184	16326	2.59	ng	# 95

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

Quantitation Report (Not Reviewed)

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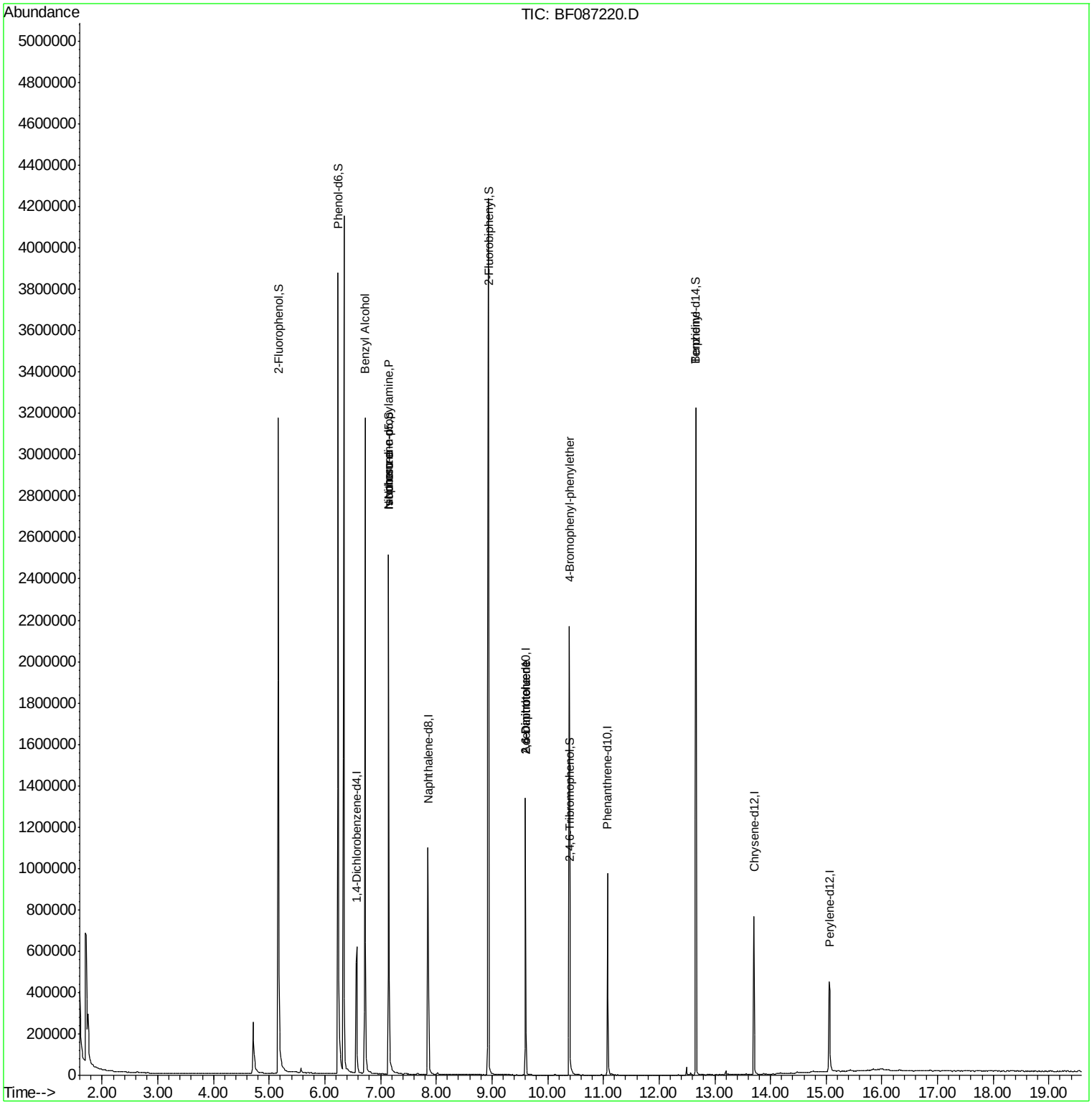
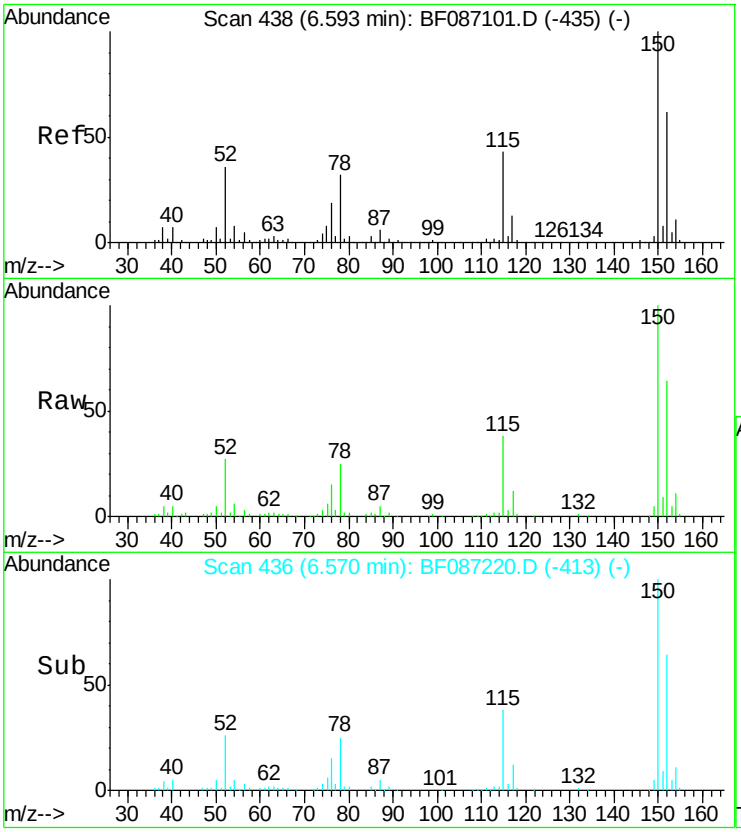


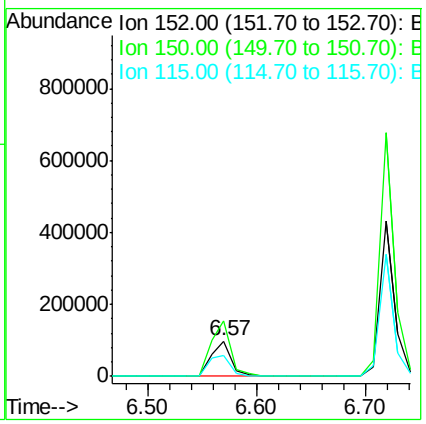


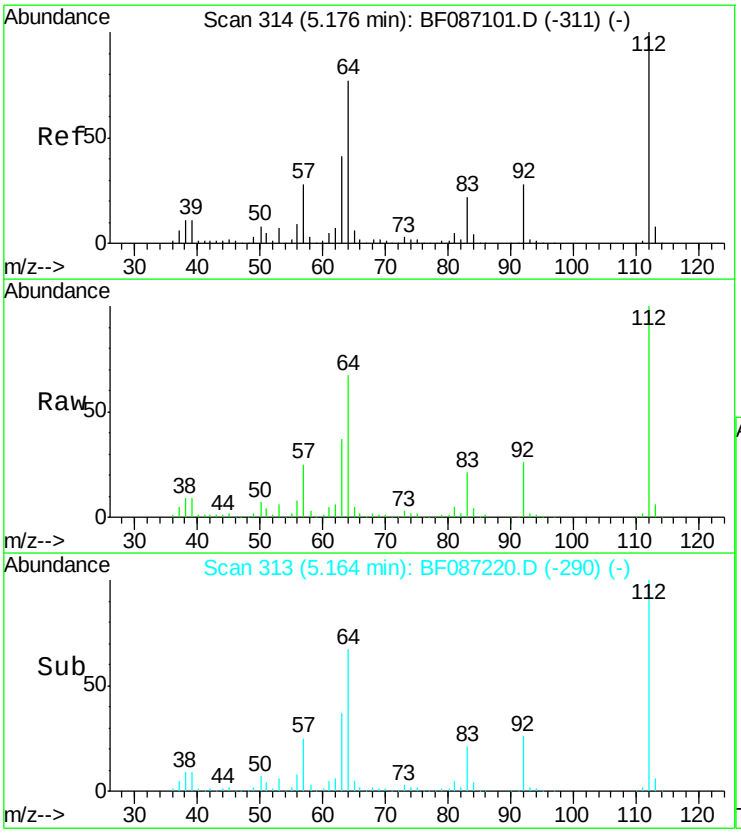
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 125631

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.8	188.6
115	59.1	51.5	77.3

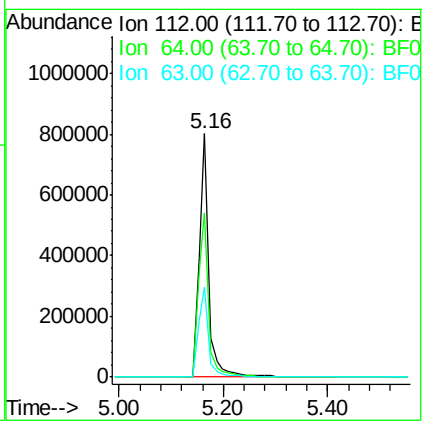


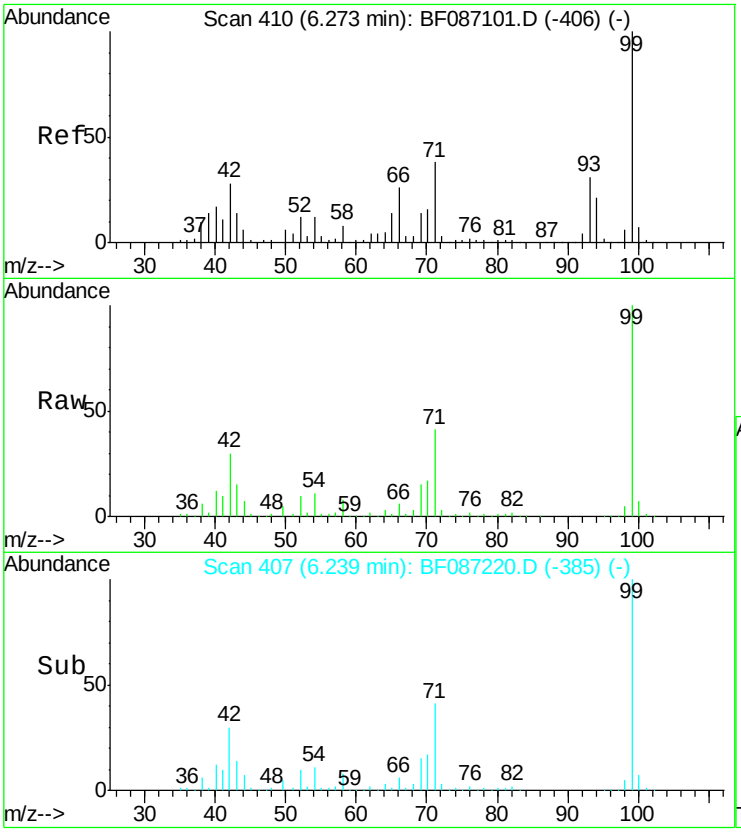


#5
2-Fluorophenol
Concen: 137.42 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.03 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Tgt Ion:112 Resp: 1027125

Ion	Ratio	Lower	Upper
112	100		
64	67.3	52.1	78.1
63	36.9	25.7	38.5



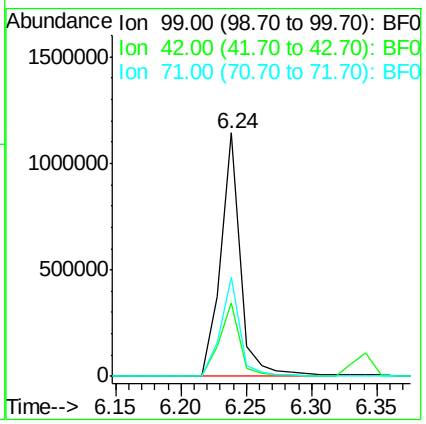


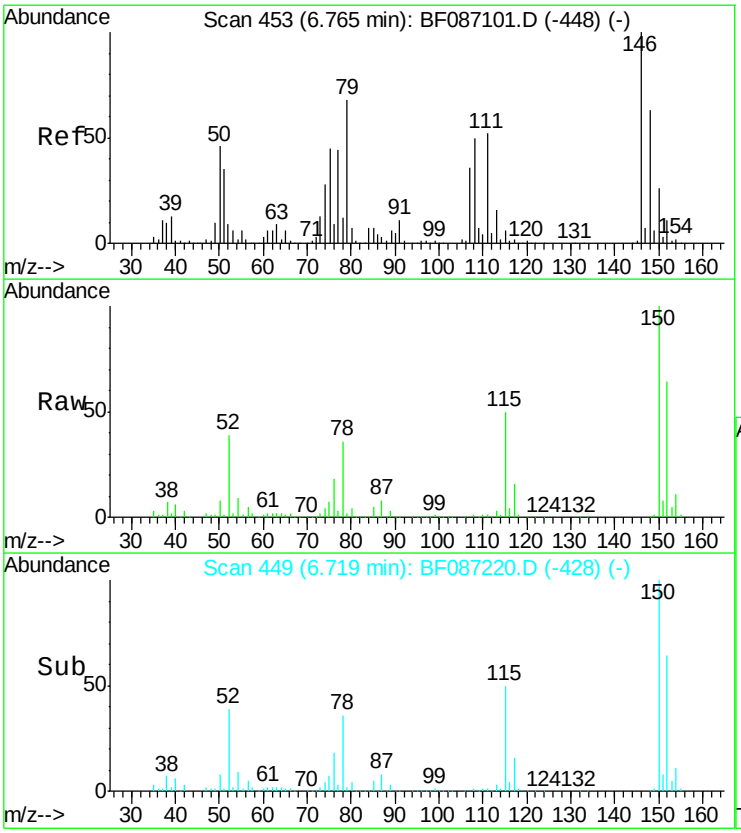
#7
Phenol-d6
Concen: 122.12 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1224195

Ion	Ratio	Lower	Upper
99	100		
42	30.3	13.6	20.4#
71	40.7	24.6	36.8#

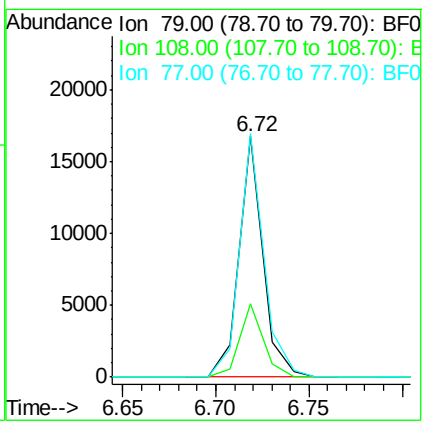


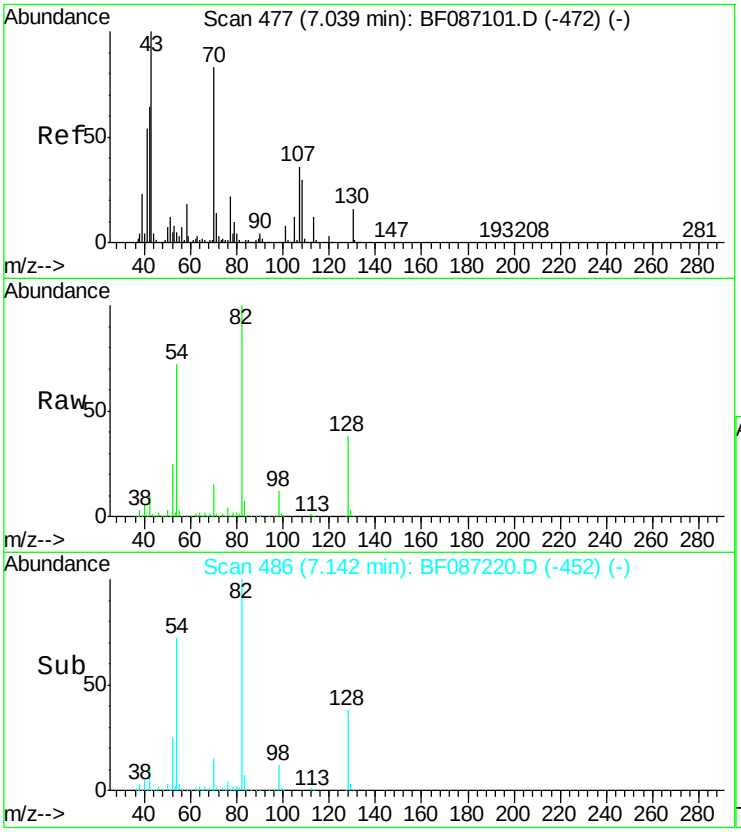


#15
Benzyl Alcohol
Concen: 2.01 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Tgt Ion: 79 Resp: 15028

Ion	Ratio	Lower	Upper
79	100		
108	30.4	68.4	102.6#
77	101.2	50.6	76.0#



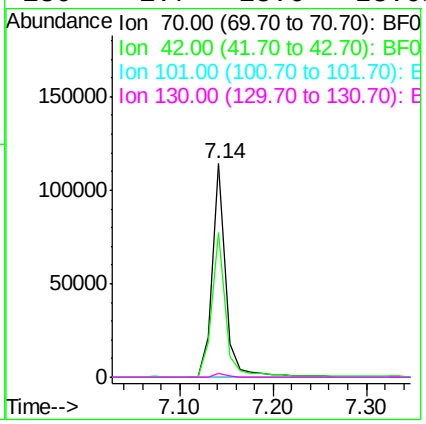


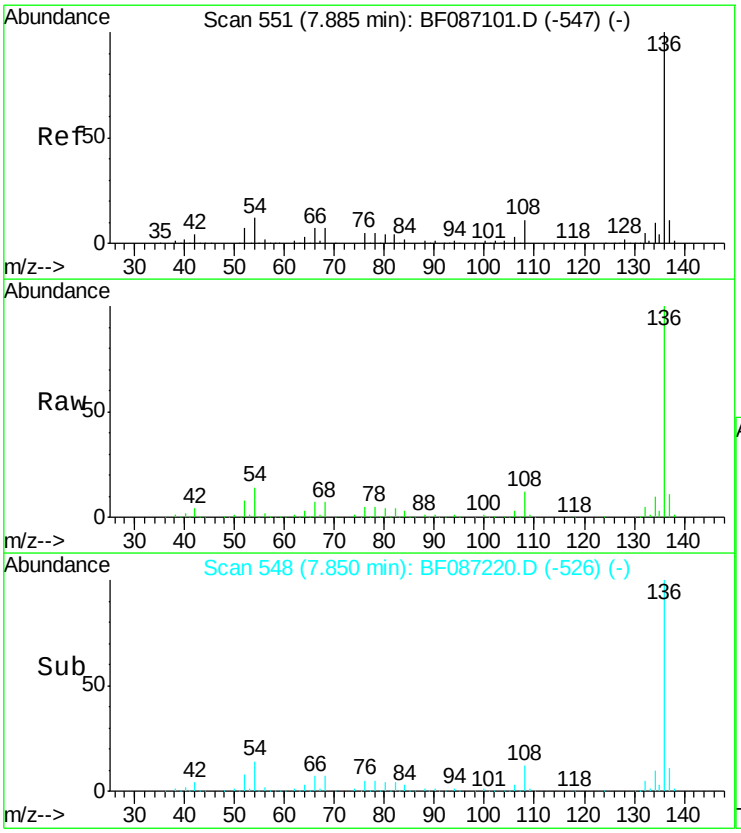
#19
n-Nitroso-di-n-propylamine
Concen: 15.00 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.09 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 114330

Ion	Ratio	Lower	Upper
70	100		
42	67.5	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#

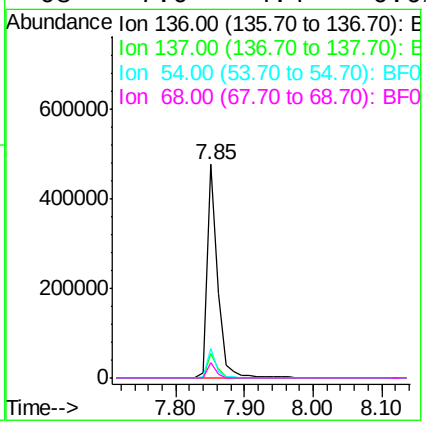


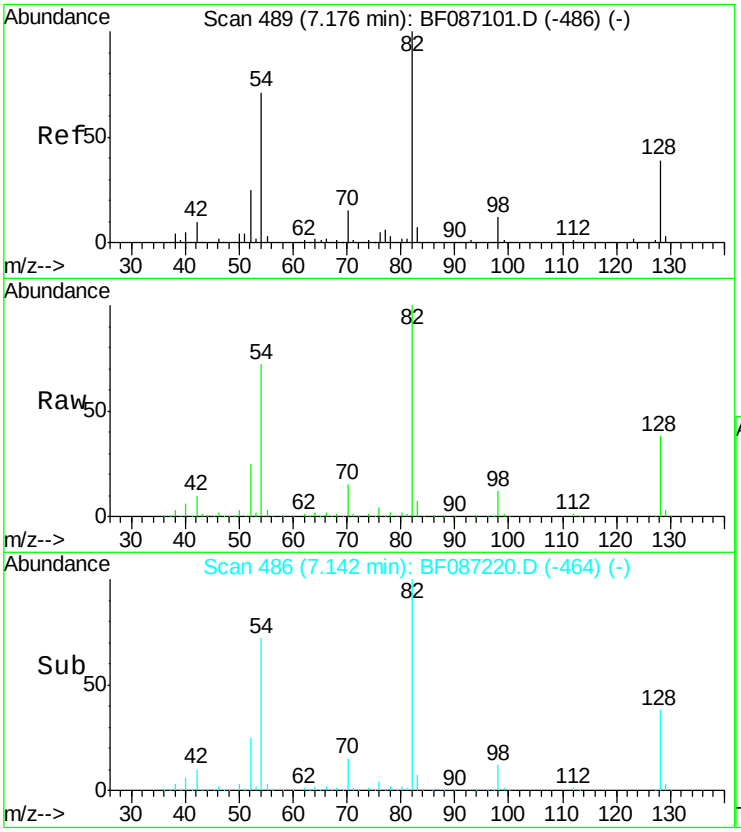


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Tgt Ion:136 Resp: 510590

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	13.7	5.0	7.4#
68	7.0	4.4	6.6#



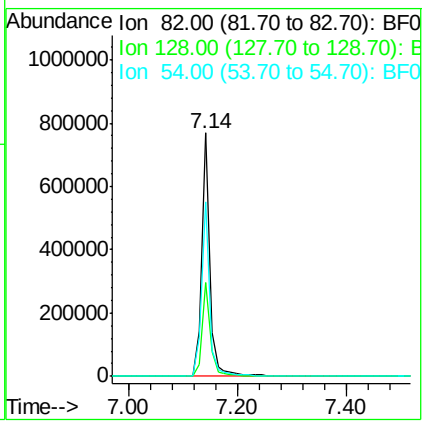


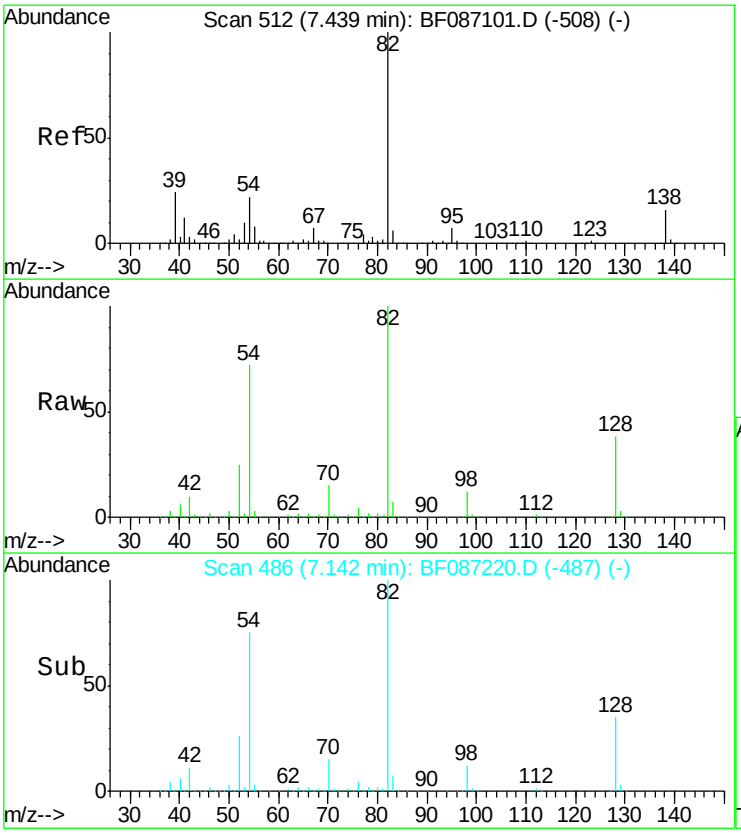
#23
Nitrobenzene-d5
Concen: 77.98 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.05 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 798904

Ion	Ratio	Lower	Upper
82	100		
128	38.3	40.6	61.0#
54	71.9	38.1	57.1#

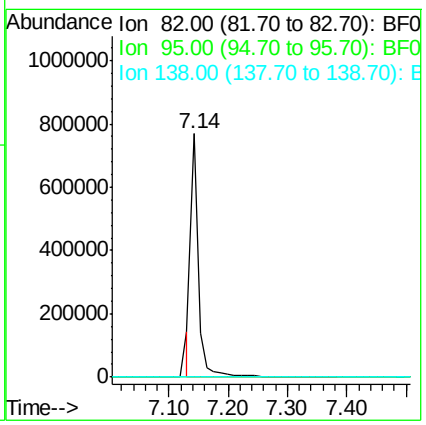


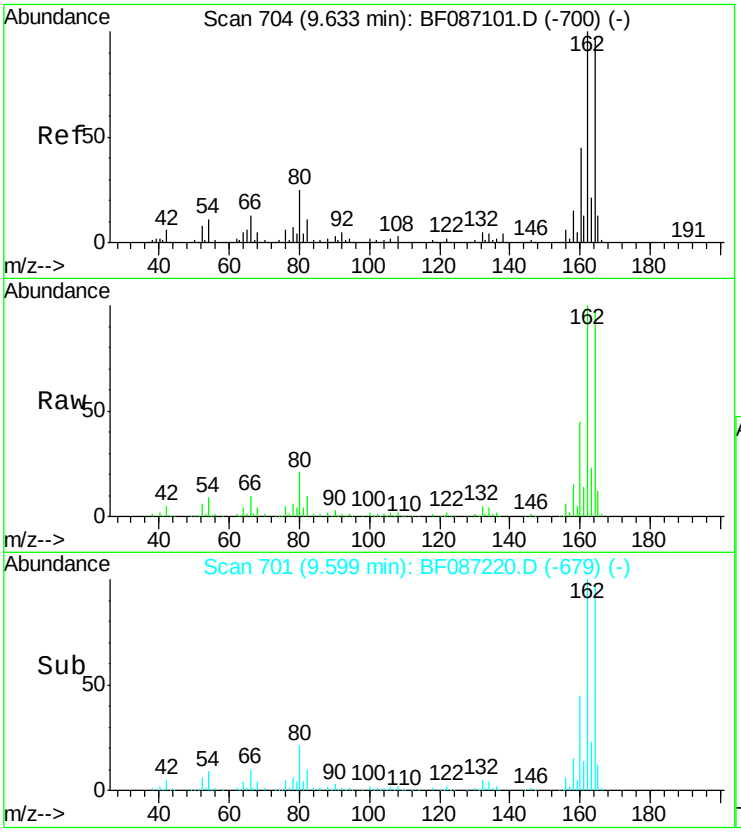


#25
Isophorone
Concen: 36.80 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.31 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Tgt Ion: 82 Resp: 690238

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



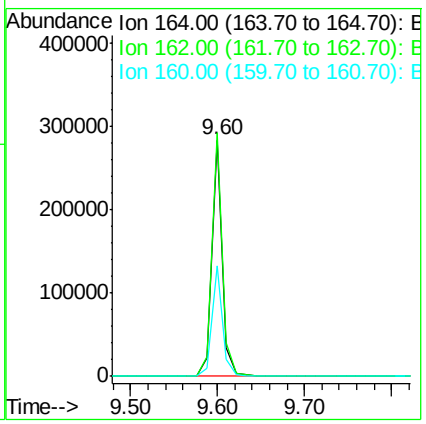


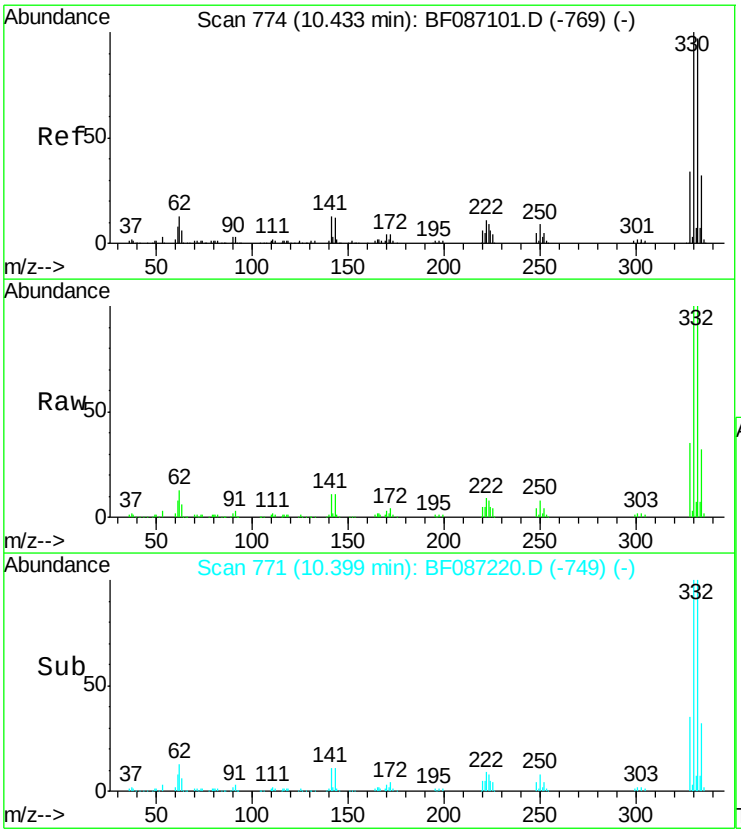
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.05 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 239884

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.8	124.2
160	46.8	36.9	55.3

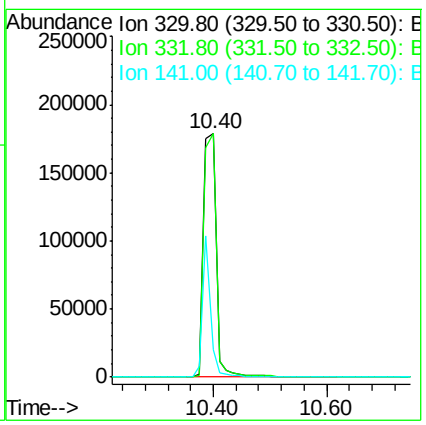


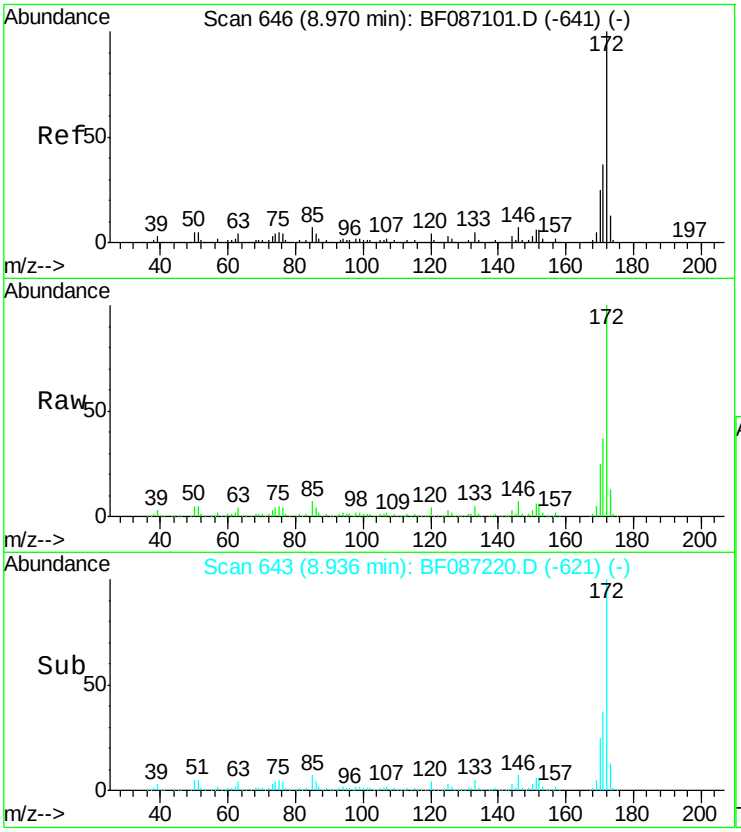


#41
2,4,6-Tribromophenol
Concen: 99.75 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.05 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Tgt Ion:330 Resp: 264421

Ion	Ratio	Lower	Upper
330	100		
332	98.3	79.0	118.4
141	36.4	31.2	46.8



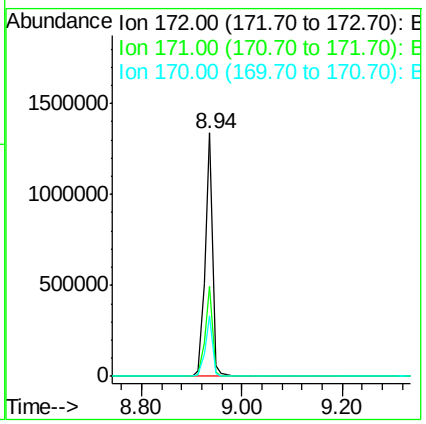


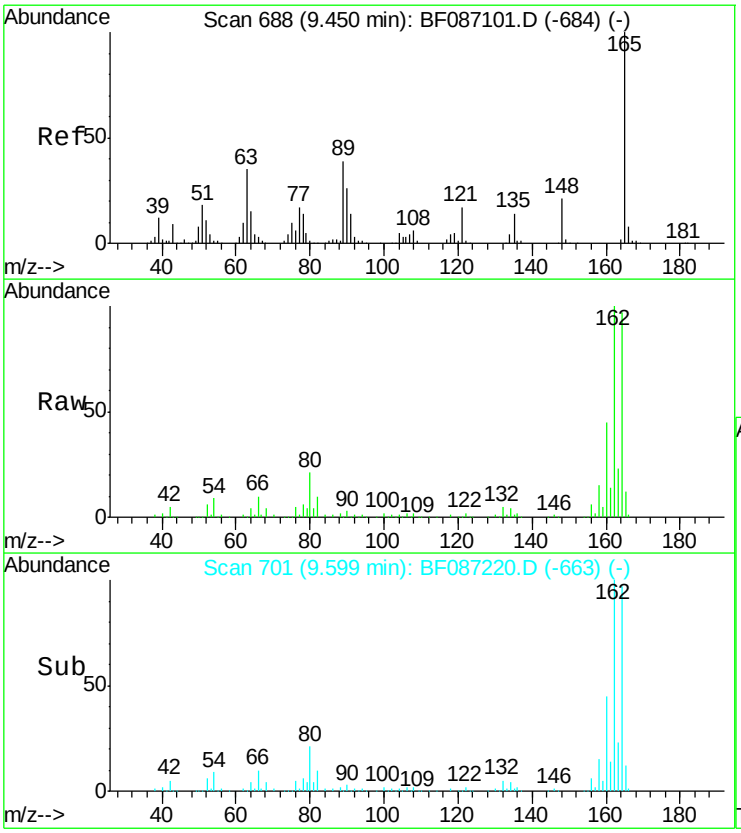
#44
2-Fluorobiphenyl
Concen: 94.31 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1366037

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	24.8	19.8	29.8

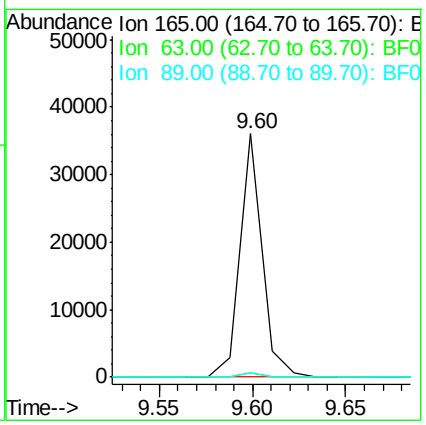


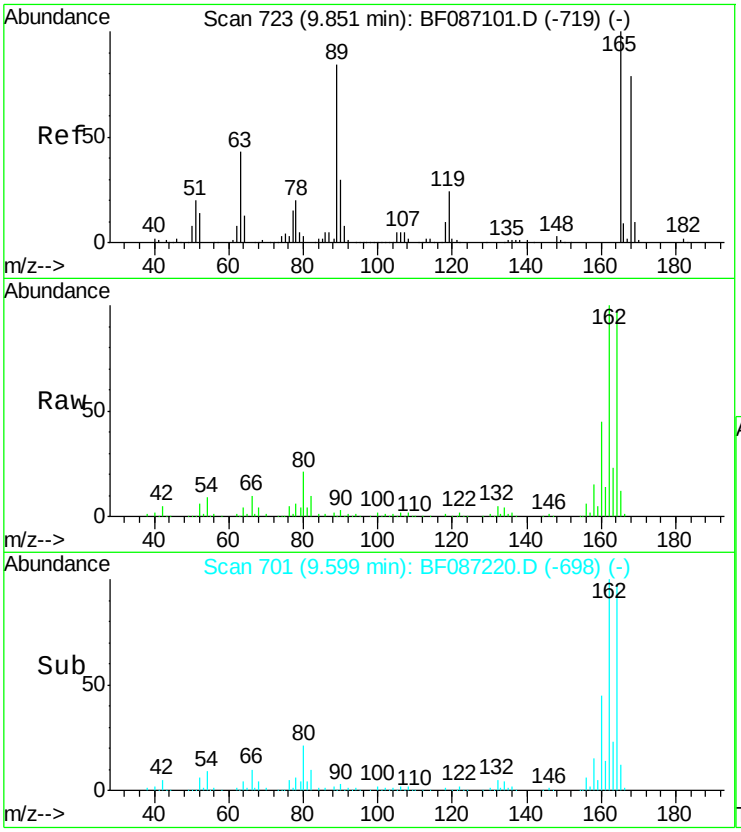


#50
2,6-Dinitrotoluene
Concen: 7.51 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.14 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Tgt Ion:165 Resp: 29835

Ion	Ratio	Lower	Upper
165	100		
63	1.7	51.8	77.8#
89	1.6	50.7	76.1#



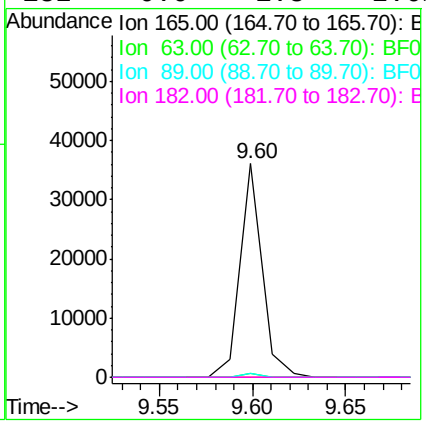


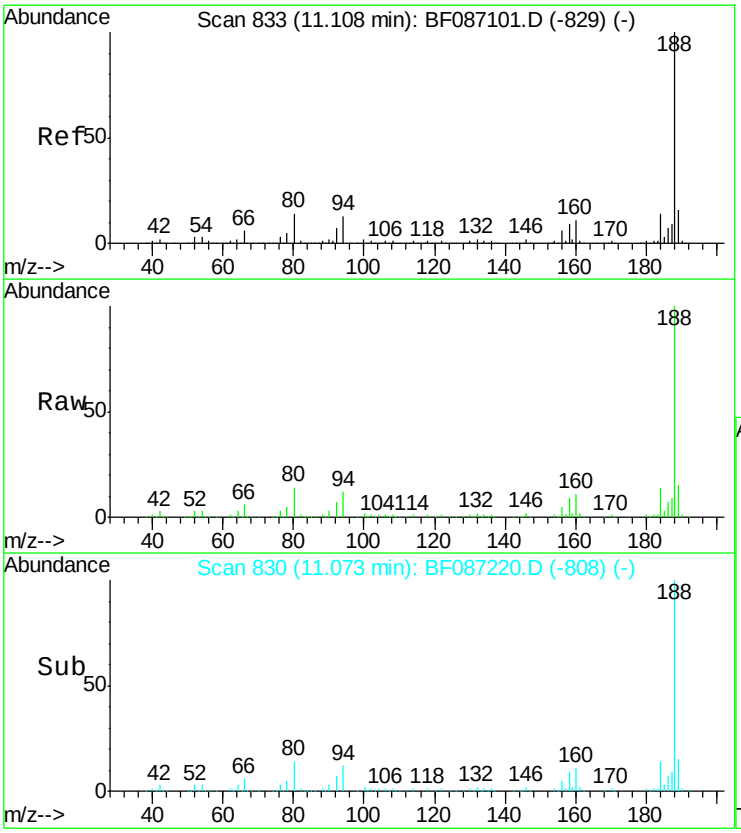
#56
2,4-Dinitrotoluene
Concen: 5.86 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.26 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29835

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.3	66.5#
89	1.6	70.0	105.0#
182	0.0	1.8	2.6#

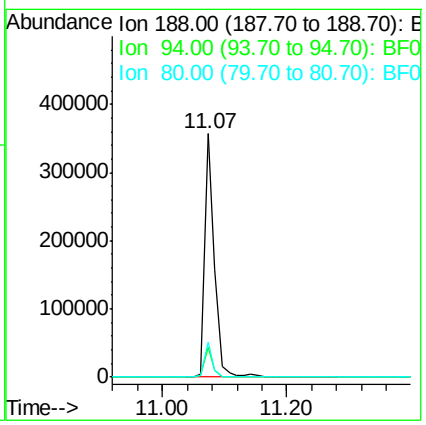


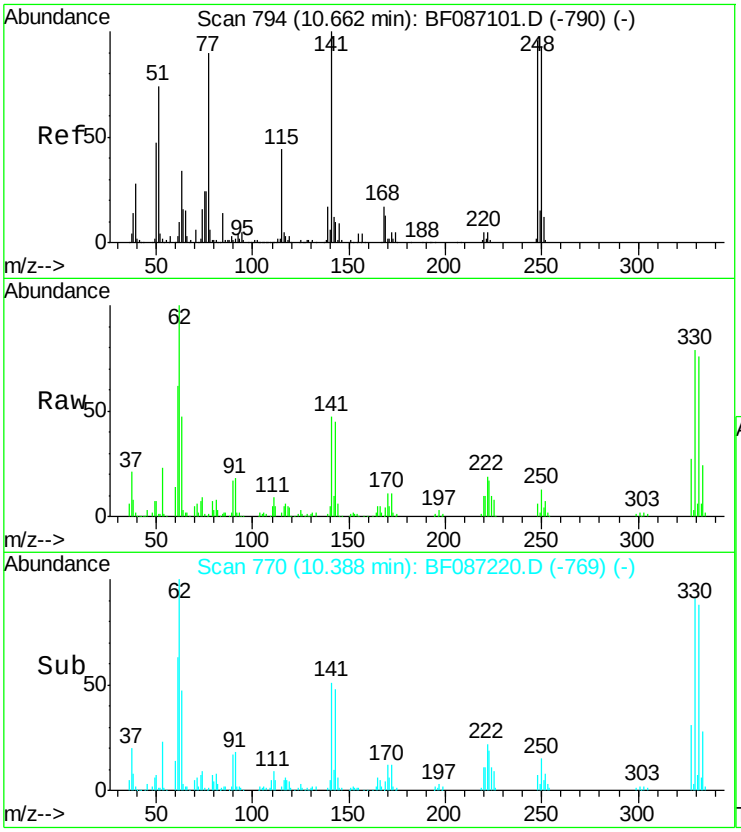


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.05 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Tgt Ion:188 Resp: 381855

Ion	Ratio	Lower	Upper
188	100		
94	12.4	6.8	10.2#
80	14.3	7.1	10.7#



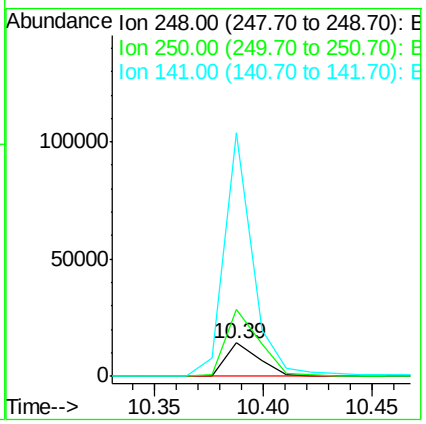


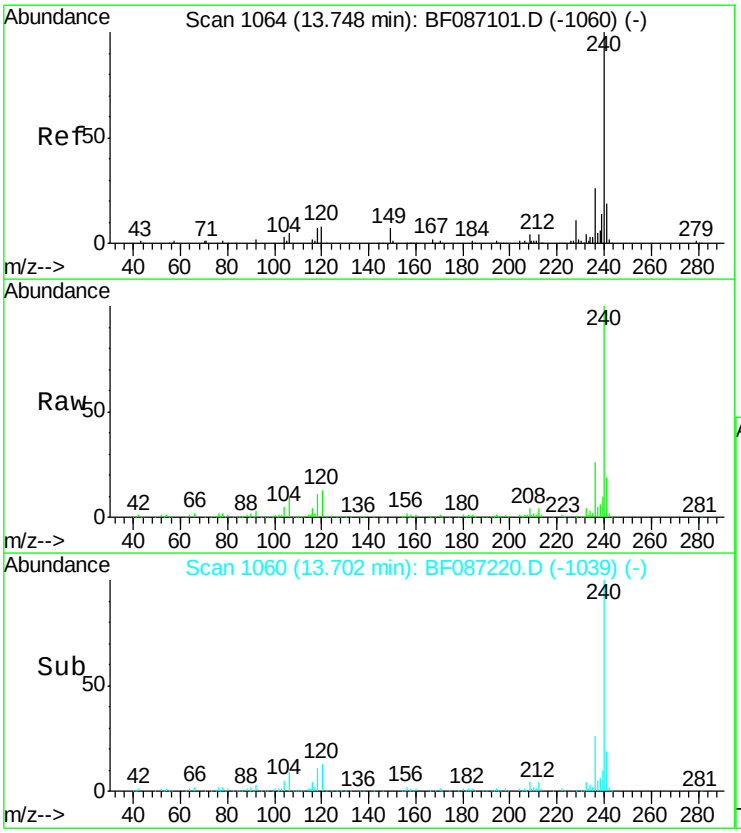
#66
4-Bromophenyl-phenylether
Concen: 3.86 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.29 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15171

Ion	Ratio	Lower	Upper
248	100		
250	200.4	78.6	117.8#
141	726.2	76.0	114.0#

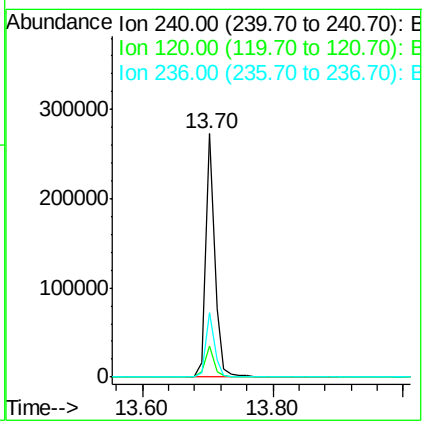


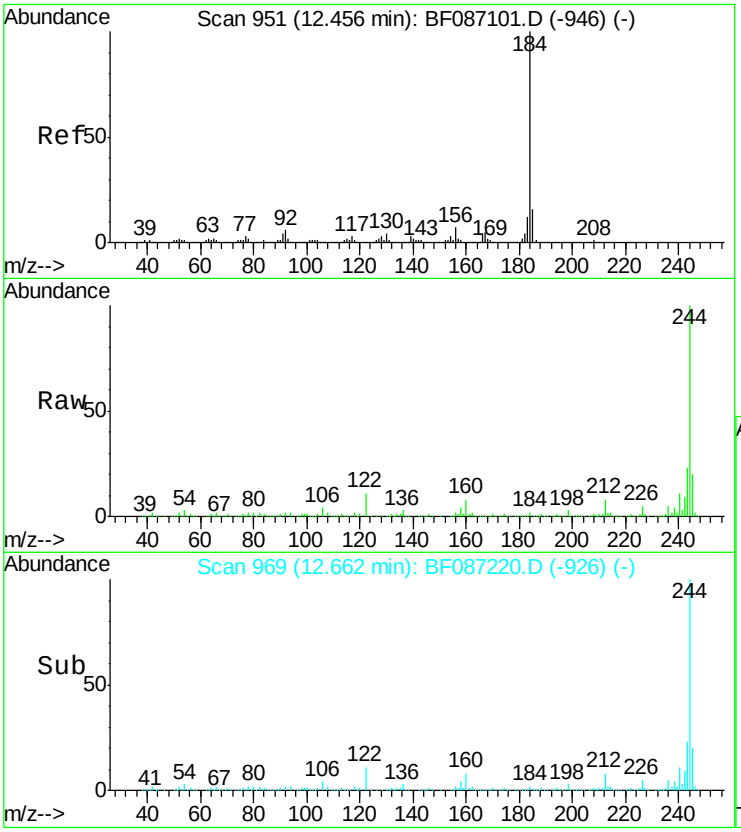


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.06 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Tgt Ion:240 Resp: 265809

Ion	Ratio	Lower	Upper
240	100		
120	12.7	11.2	16.8
236	26.4	21.2	31.8



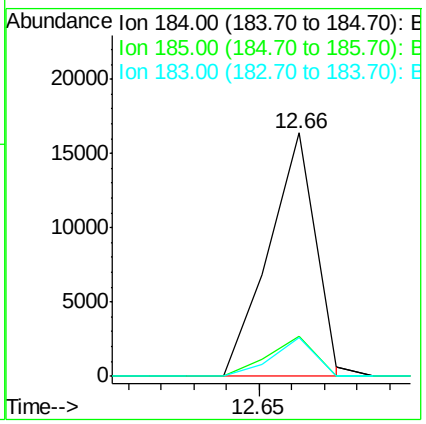


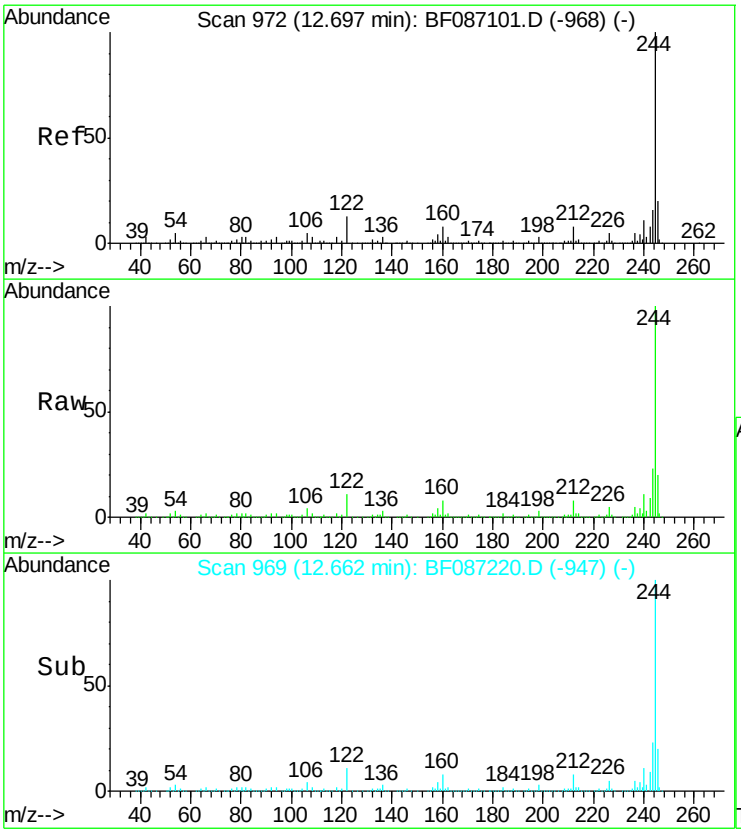
#76
Benzidine
Concen: 2.59 ng
RT: 12.66 min Scan# 969
Delta R.T. 0.20 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 16326

Ion	Ratio	Lower	Upper
184	100		
185	16.6	13.6	20.4
183	16.1	9.8	14.6#

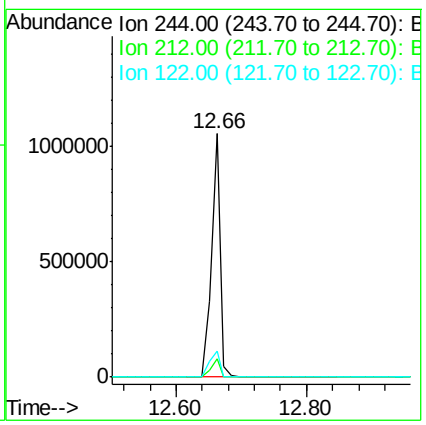


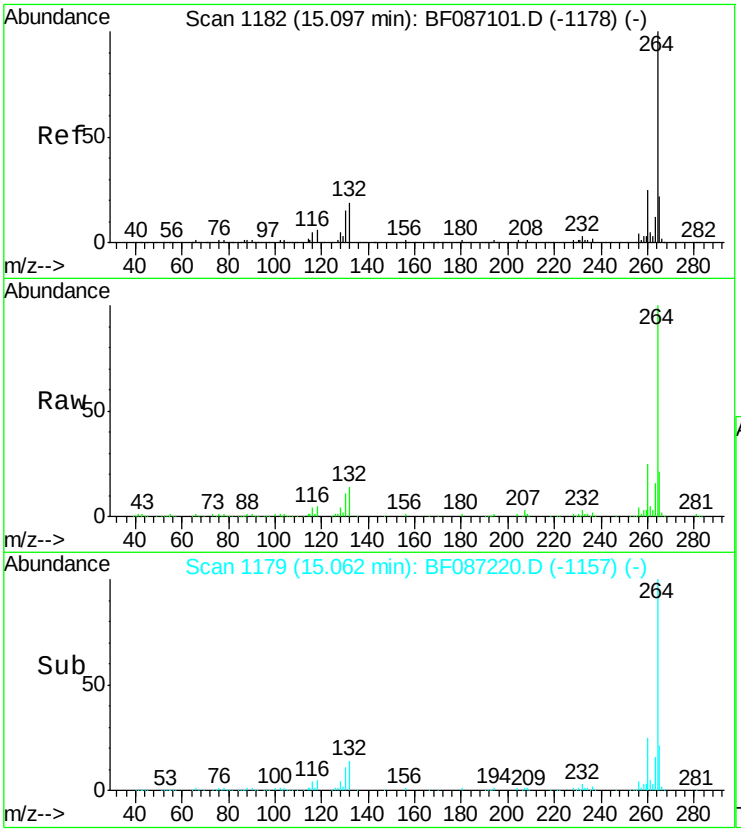


#78
Terphenyl-d14
Concen: 84.97 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.05 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Tgt Ion:244 Resp: 998407

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	10.7	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 239171

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.3	17.3	25.9