Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
Data File : BF080896.D
Acq On : 6 Aug 2015 18:59
Operator : TP/UM
Sample : PB84873BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 07 04:00:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 03:17:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	57643	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	209035	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	104780	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	222622	20.00	ng	0.00
75) Chrysene-d12	13.95	240	219804	20.00	ng	-0.01
86) Perylene-d12	15.36	264	190574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	332759	92.03	ng	0.01
7) Phenol-d6	6.43	99	443581	89.11	ng	-0.01
23) Nitrobenzene-d5	7.37	82	242244	54.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	99283	88.22	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	492107	66.94	ng	0.00
78) Terphenyl-d14	12.91	244	552150	52.96	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.57	93	332	0.04	ng	# 1
9) Benzaldehyde	6.57	77	7651	2.23	ng	79
10) Phenol	6.57	94	392	0.07	ng	# 1
11) bis(2-Chloroethyl)ether	6.57	93	332	0.08	ng	# 1
15) Benzyl Alcohol	6.96	79	4366	1.11	ng	# 59
19) n-Nitroso-di-n-propylamine	7.37	70	31759	8.96	ng	# 80
24) Nitrobenzene	7.37	77	553	0.12	ng	# 47
25) Isophorone	7.37	82	214563	25.23	ng	# 67
45) 1,1'-Biphenyl	9.17	154	919	0.10	ng	# 1
47) 2-Nitroaniline	9.17	65	922	0.33	ng	# 1
50) 2,6-Dinitrotoluene	9.85	165	12921	7.24	ng	# 5
51) Acenaphthene	9.85	154	206	0.03	ng	# 4
56) 2,4-Dinitrotoluene	9.85	165	12921	5.38	ng	# 6
57) Fluorene	10.62	166	4164	0.53	ng	# 93
62) Azobenzene	10.62	77	506	0.05	ng	# 1
65) n-Nitrosodiphenylamine	10.62	169	3433	0.43	ng	# 42
66) 4-Bromophenyl-phenylether	10.62	248	6270	2.59	ng	# 1
77) Pyrene	12.91	202	1876	0.11	ng	# 63
80) Benzo(a)anthracene	13.95	228	467	0.03	ng	# 52
82) Chrysene	13.95	228	467	0.03	ng	# 49
89) Benzo(a)pyrene	15.36	252	424	0.04	ng	# 60

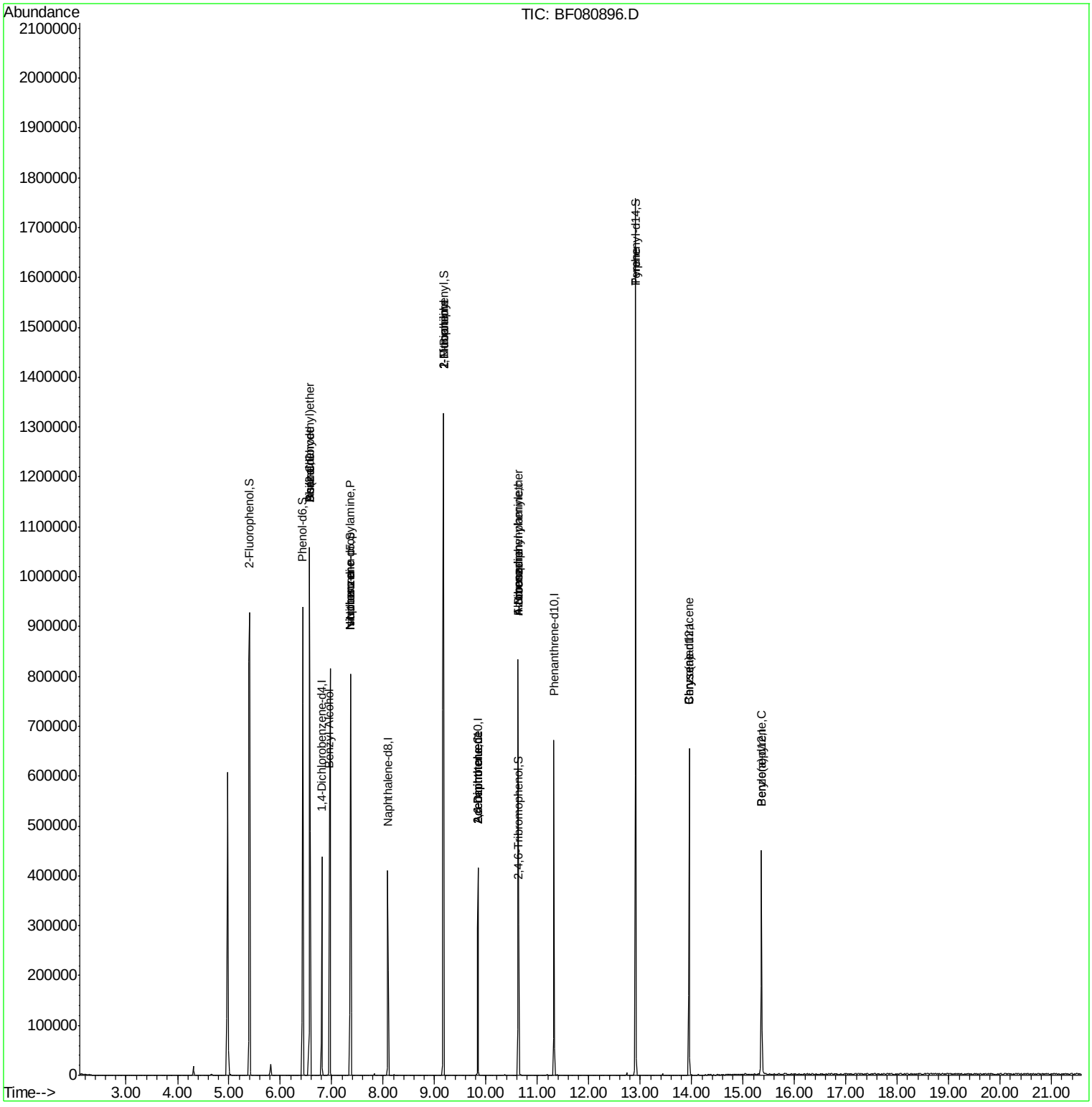
(#) = qualifier out of range (m) = manual integration (+) = signals summed

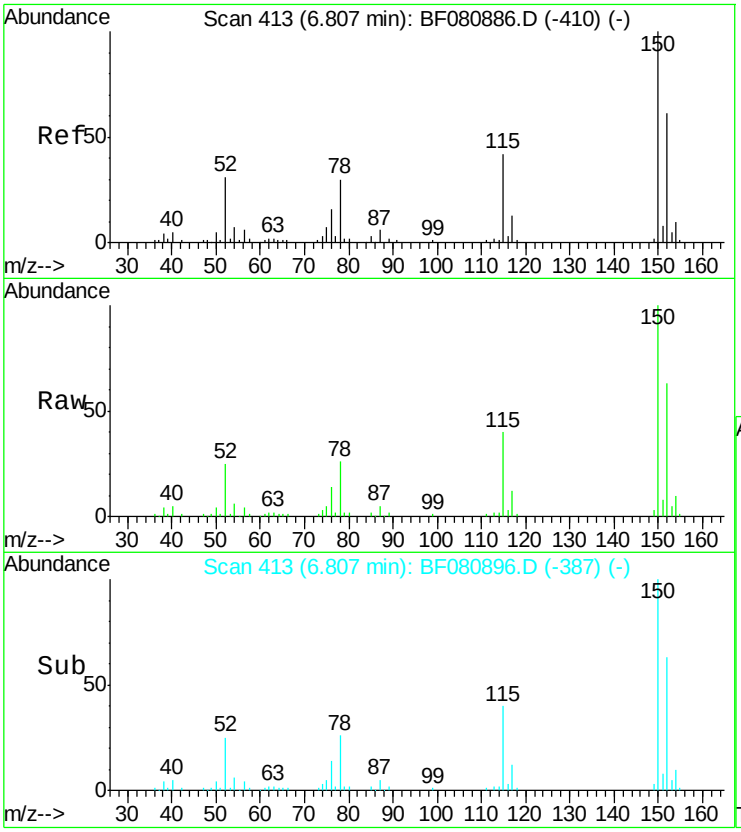
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
Data File : BF080896.D
Acq On : 6 Aug 2015 18:59
Operator : TP/UM
Sample : PB84873BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 07 04:00:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 03:17:12 2015
Response via : Initial Calibration

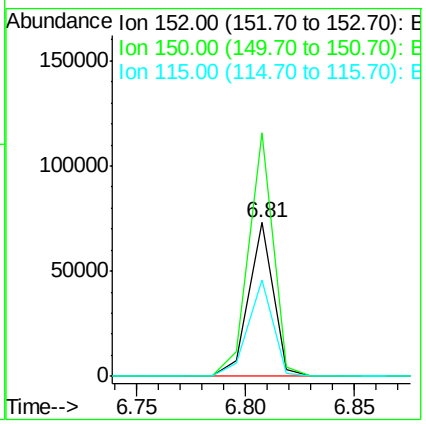




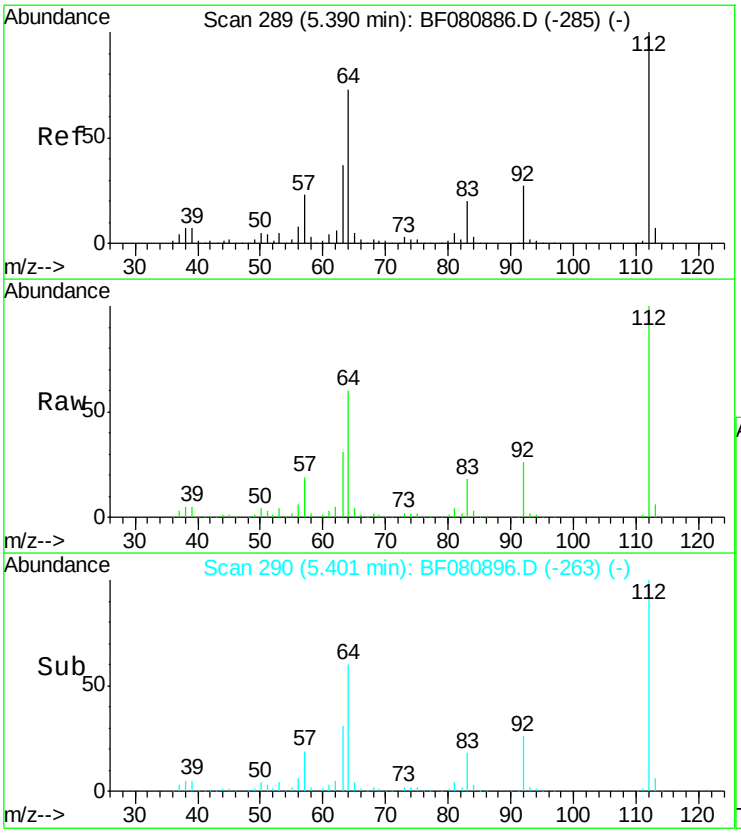
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion:152 Resp: 57643

Ion	Ratio	Lower	Upper
152	100		
150	158.3	132.2	198.2
115	62.6	54.9	82.3



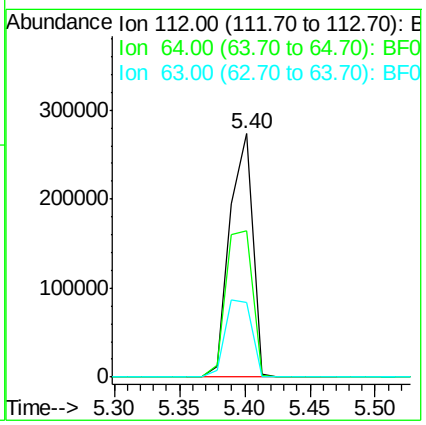
Instrument :
BNA_F
ClientSampleId :

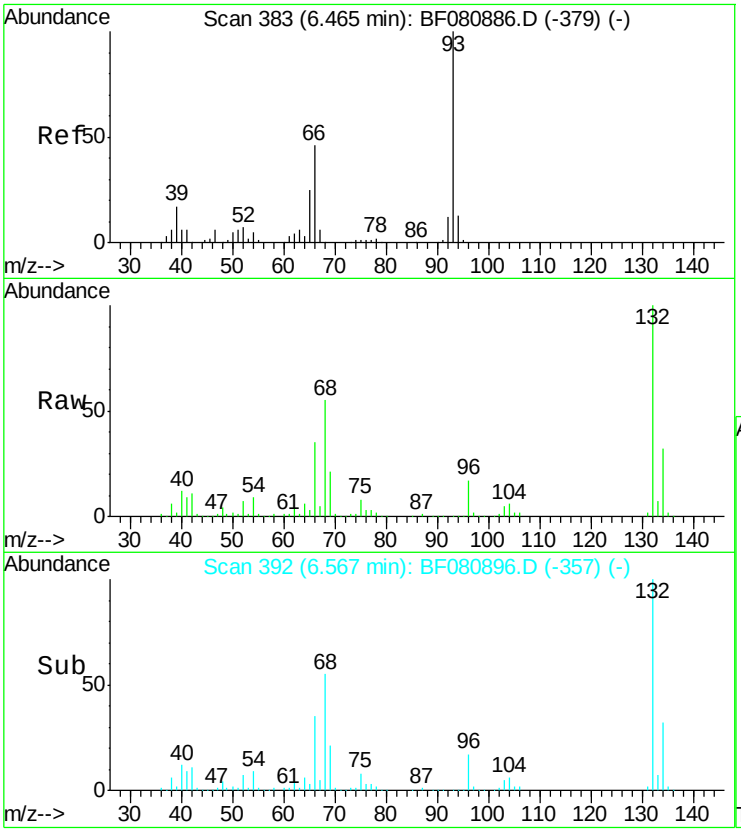


#5
2-Fluorophenol
Concen: 92.03 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion:112 Resp: 332759

Ion	Ratio	Lower	Upper
112	100		
64	60.2	58.0	87.0
63	30.8	29.8	44.8



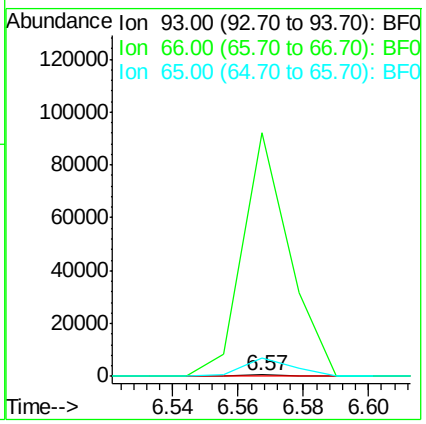


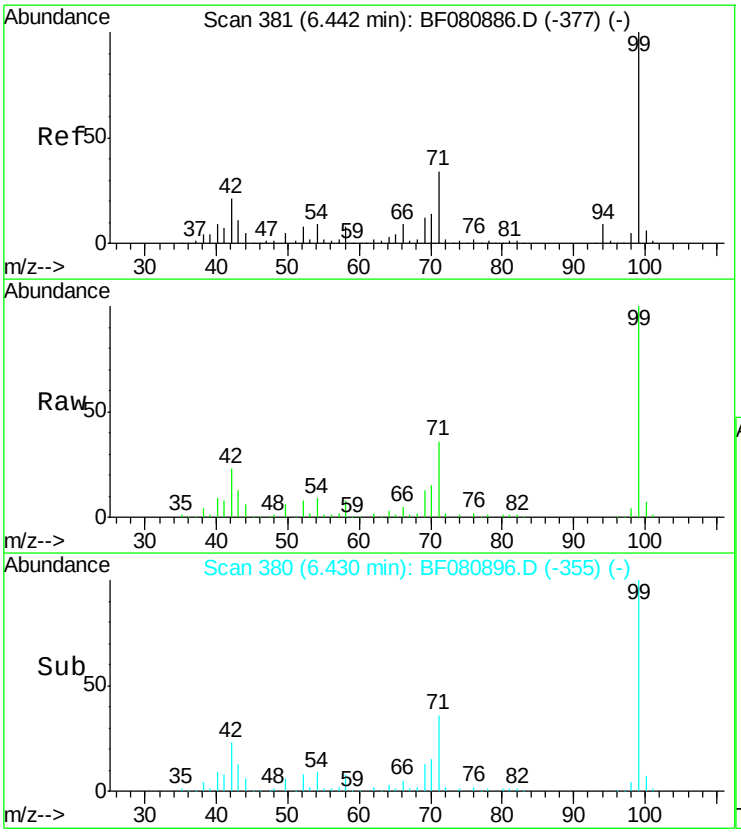
#6
Aniline
Concen: 0.04 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.10 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 332

Ion	Ratio	Lower	Upper
93	100		
66	19041.3	37.4	56.0#
65	1484.7	19.8	29.6#

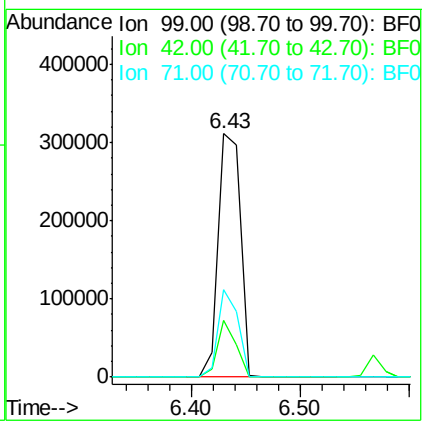


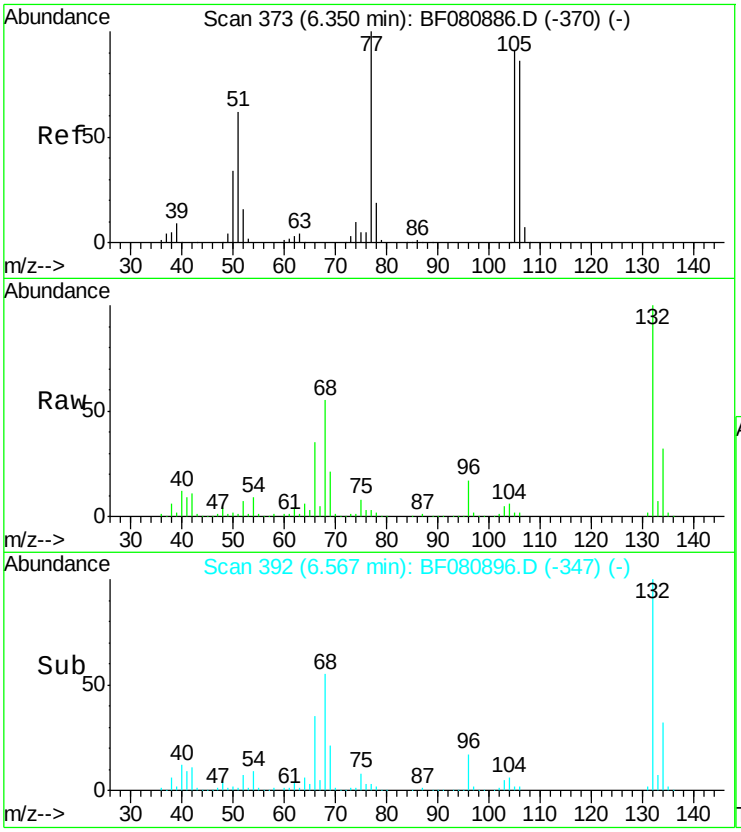


#7
Phenol-d6
Concen: 89.11 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion: 99 Resp: 443581

Ion	Ratio	Lower	Upper
99	100		
42	23.3	16.8	25.2
71	36.1	27.4	41.0



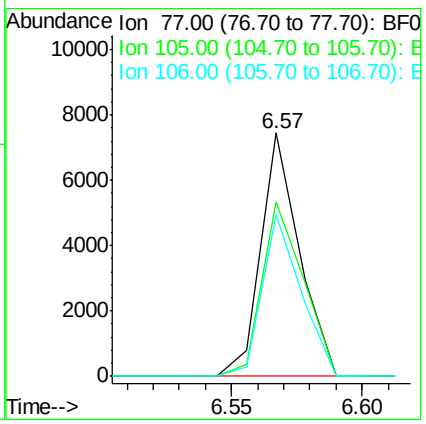


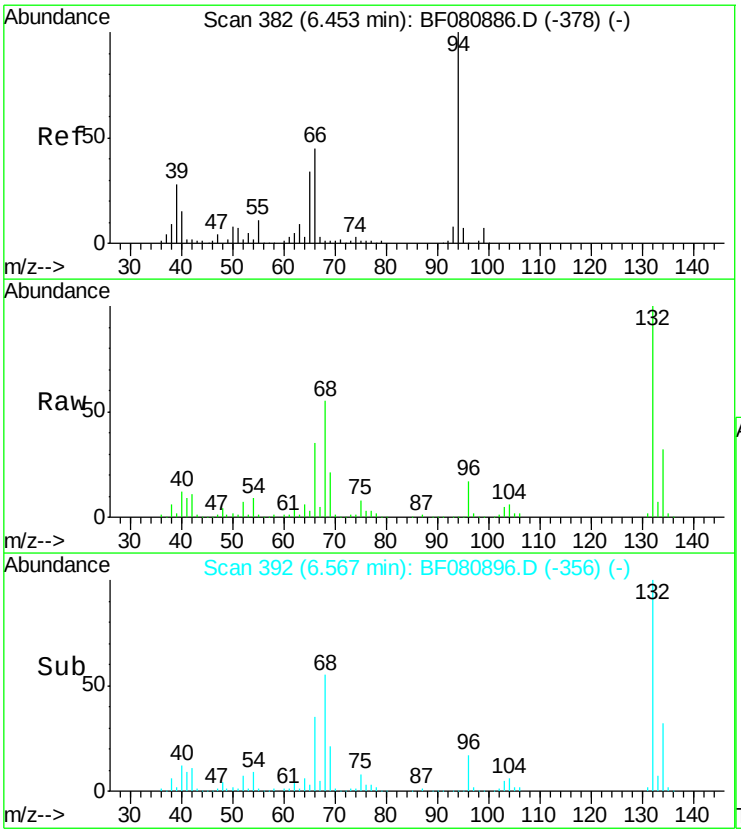
#9
Benzaldehyde
Concen: 2.23 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.22 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 7651

Ion	Ratio	Lower	Upper
77	100		
105	71.6	70.7	110.7
106	66.6	66.1	106.1

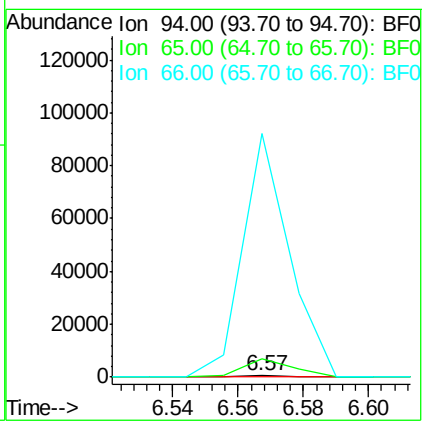


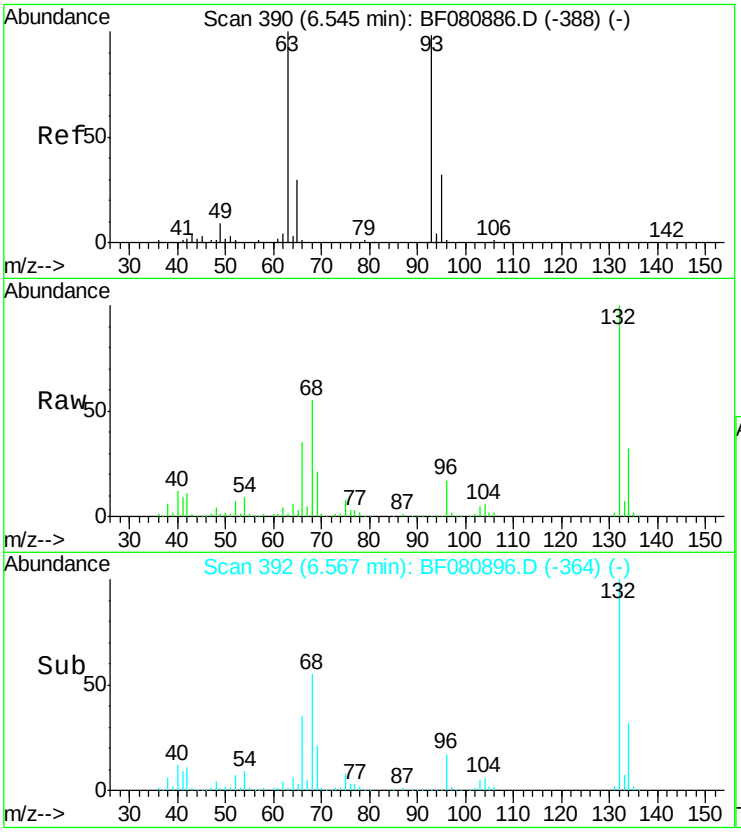


#10
Phenol
Concen: 0.07 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.11 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion: 94 Resp: 392

Ion	Ratio	Lower	Upper
94	100		
65	1256.3	14.0	54.0#
66	16111.9	24.6	64.6#



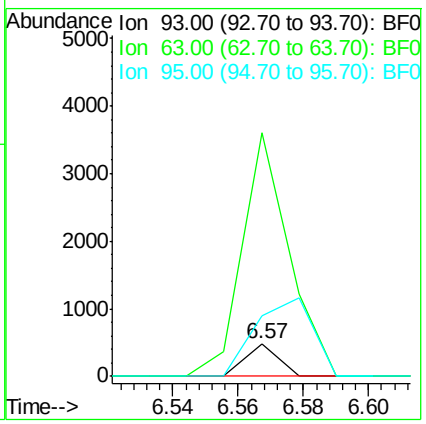


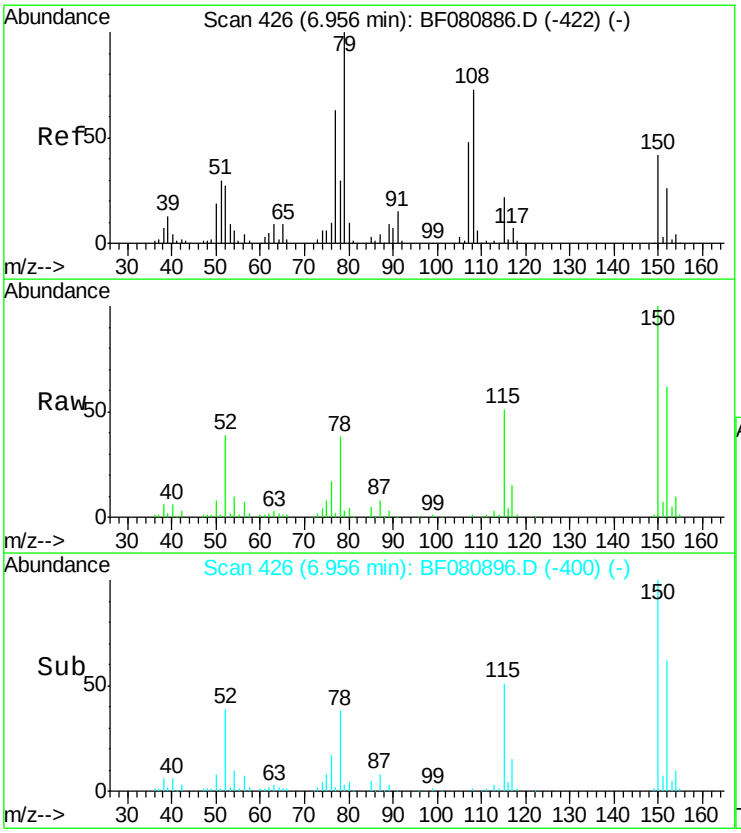
#11
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.02 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 332

Ion	Ratio	Lower	Upper
93	100		
63	744.6	81.4	121.4#
95	185.3	12.1	52.1#

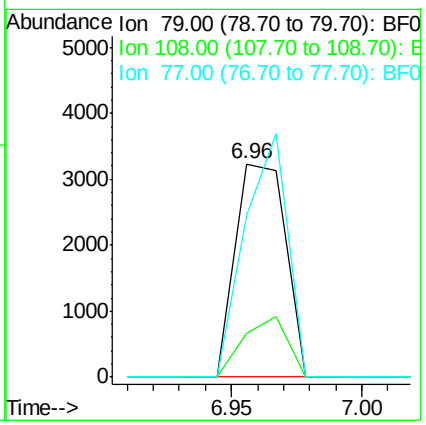


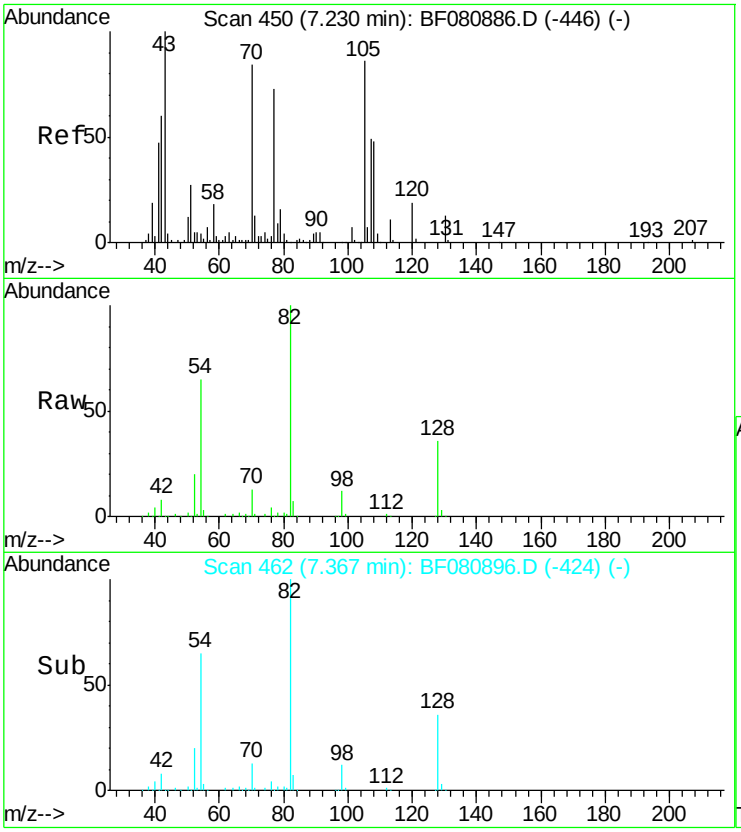


#15
Benzyl Alcohol
Concen: 1.11 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion: 79 Resp: 4366

Ion	Ratio	Lower	Upper
79	100		
108	20.7	58.2	87.2#
77	75.8	50.0	75.0#



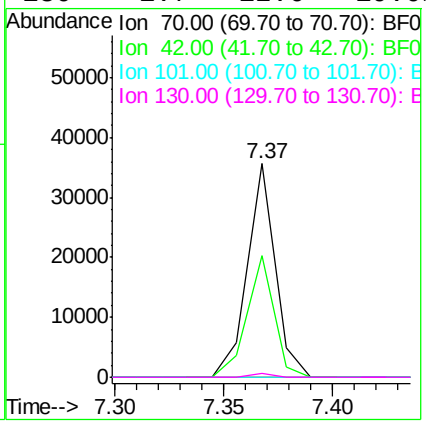


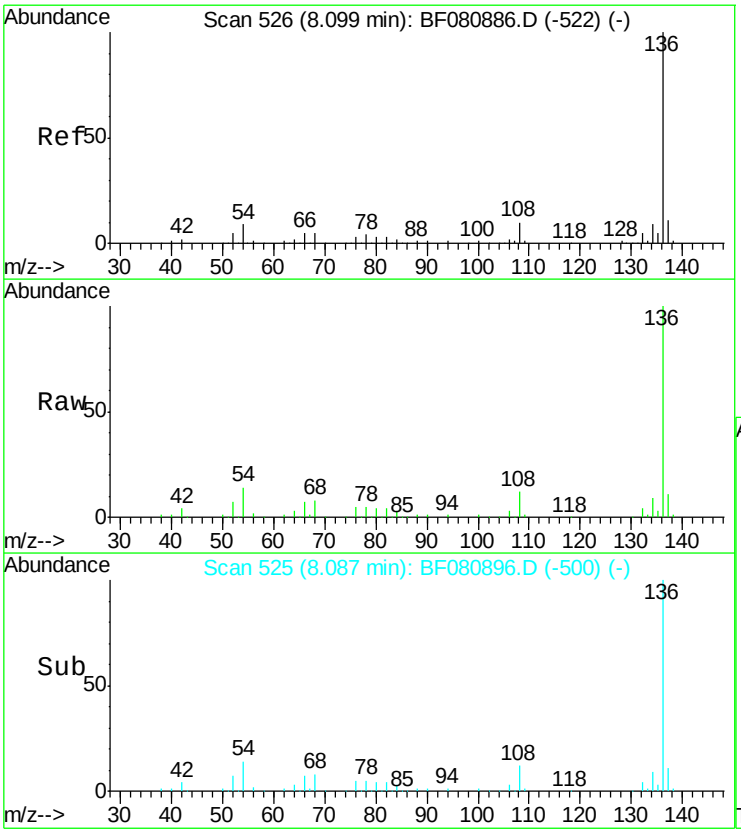
#19
n-Nitroso-di-n-propylamine
Concen: 8.96 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.14 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 31759

Ion	Ratio	Lower	Upper
70	100		
42	57.1	57.2	85.8#
101	0.0	6.6	9.8#
130	1.7	12.6	19.0#

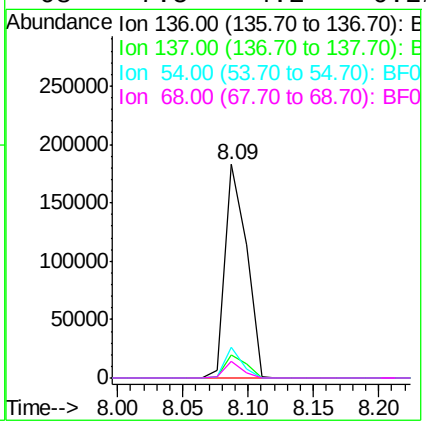


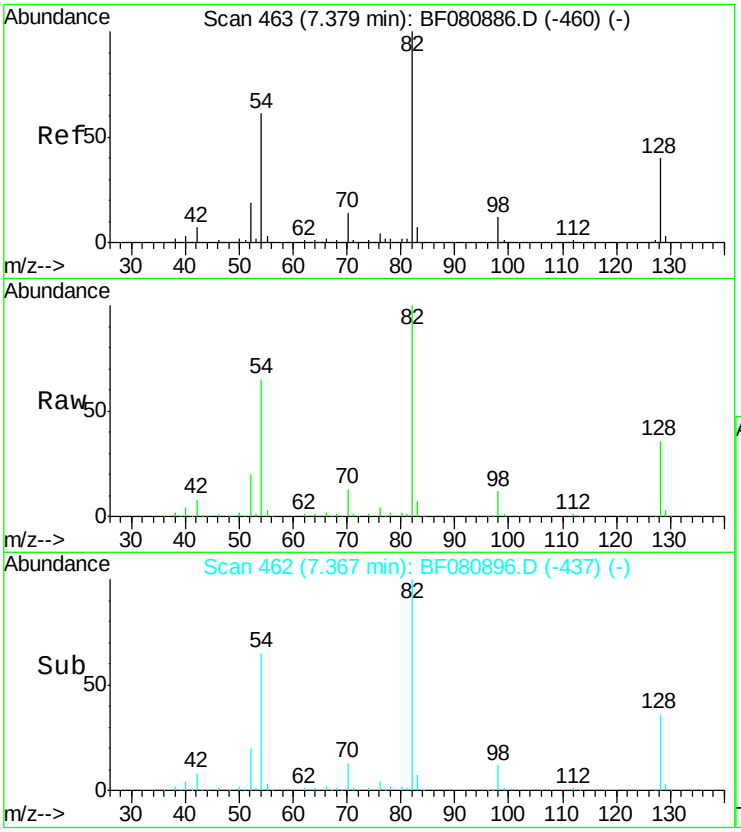


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion:136 Resp: 209035

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	14.4	7.5	11.3#
68	7.5	4.2	6.2#



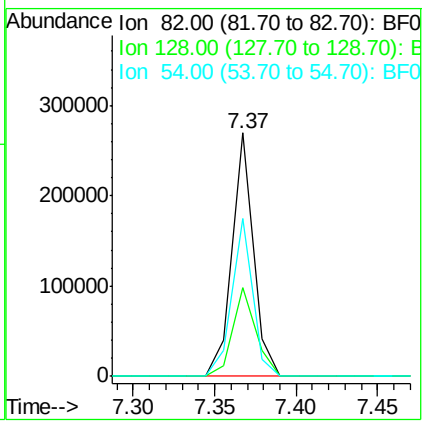


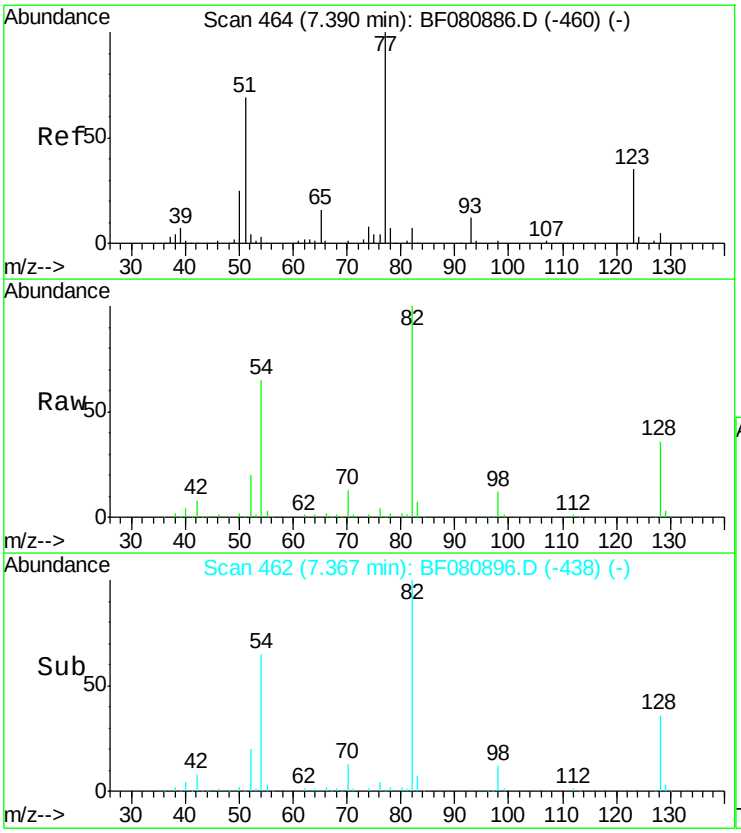
#23
Nitrobenzene-d5
Concen: 54.59 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 242244

Ion	Ratio	Lower	Upper
82	100		
128	36.5	31.8	47.6
54	64.7	48.6	72.8

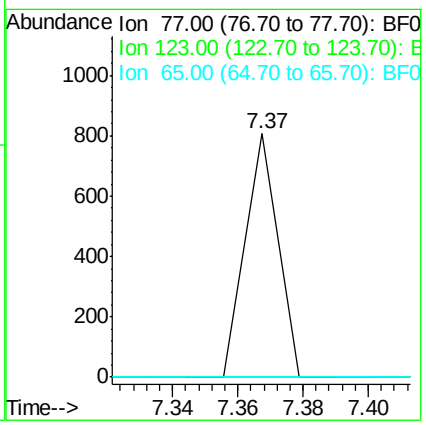


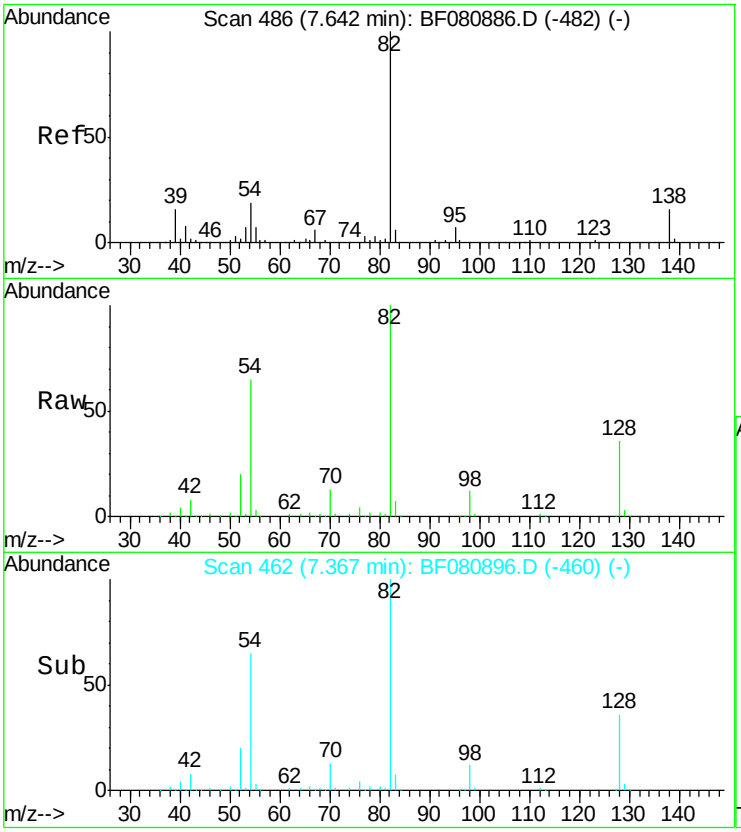


#24
Nitrobenzene
Concen: 0.12 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion: 77 Resp: 553

Ion	Ratio	Lower	Upper
77	100		
123	0.0	28.3	42.5#
65	0.0	12.5	18.7#



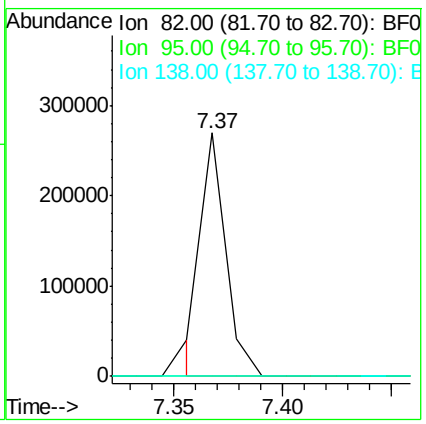


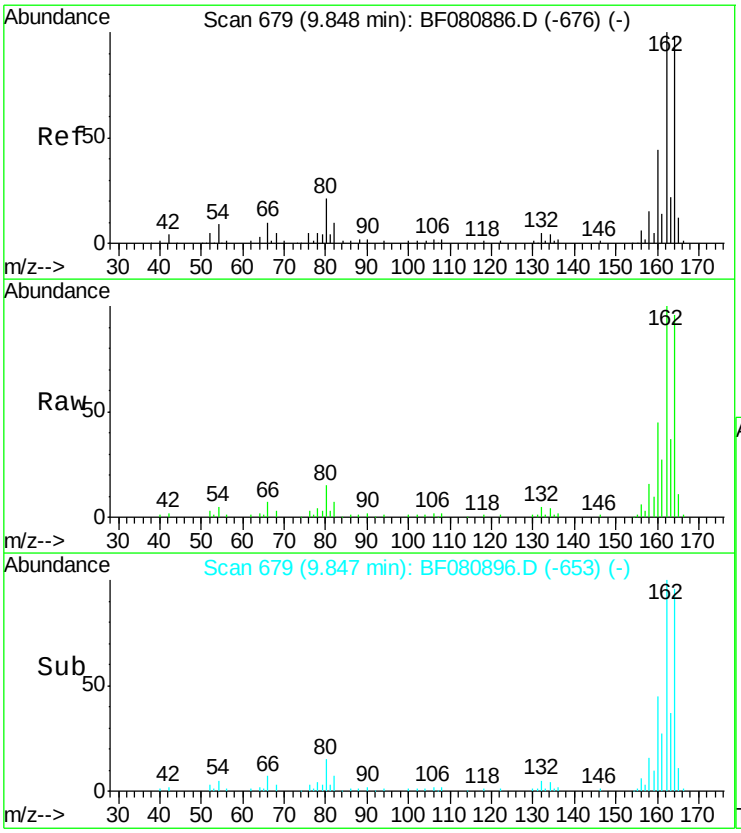
#25
Isophorone
Concen: 25.23 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.27 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 214563

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.0	19.6#

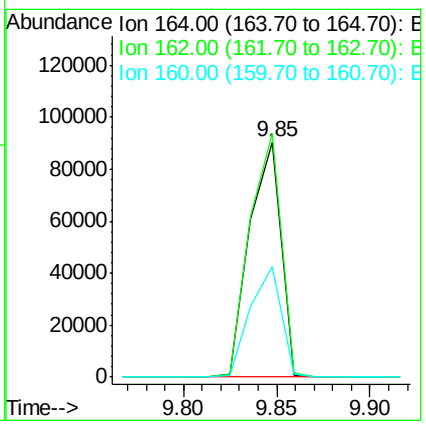


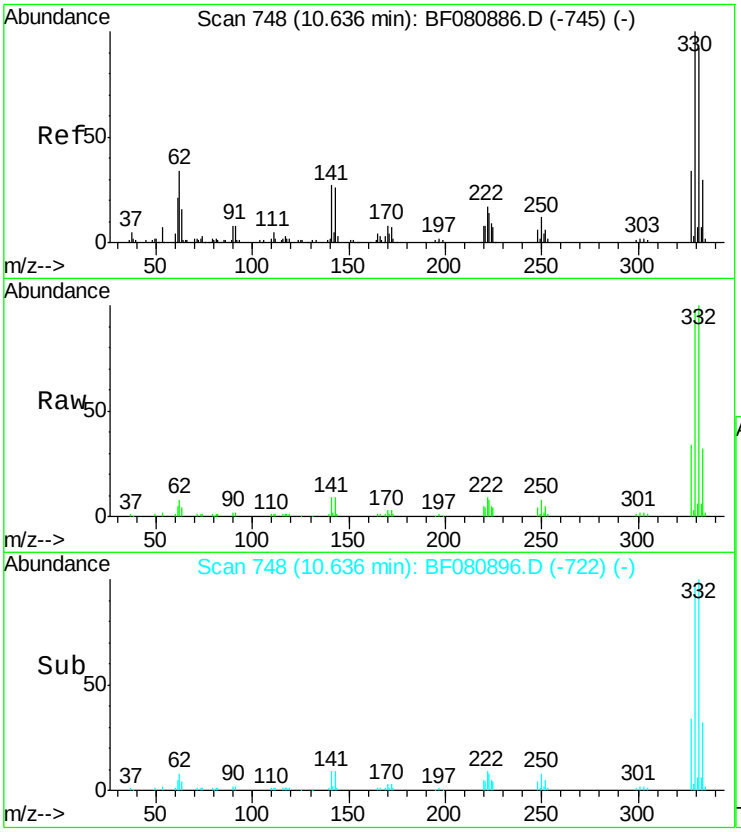


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion:164 Resp: 104780

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.5	122.3
160	47.0	35.9	53.9

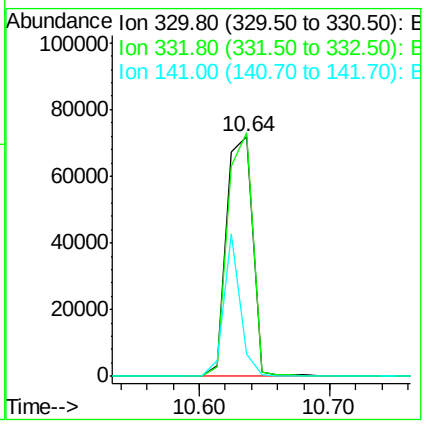




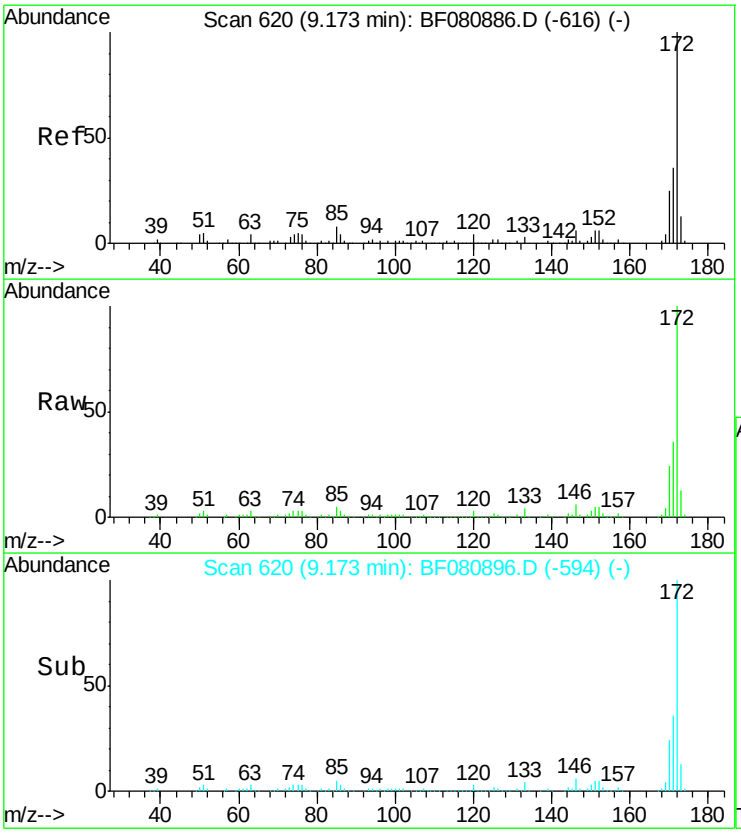
#41
2,4,6-Tribromophenol
Concen: 88.22 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion:330 Resp: 99283

Ion	Ratio	Lower	Upper
330	100		
332	97.7	74.1	111.1
141	37.6	30.1	45.1



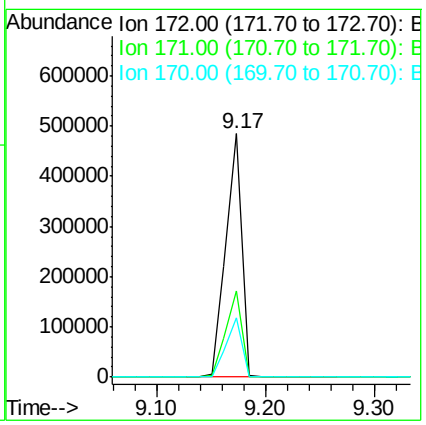
Instrument :
BNA_F
ClientSampleId :

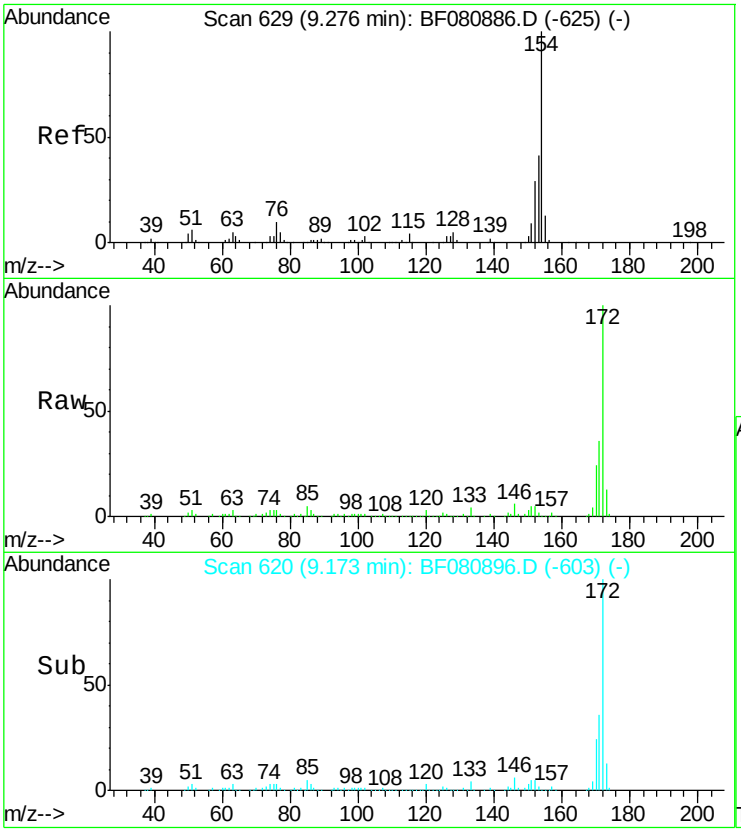


#44
2-Fluorobiphenyl
Concen: 66.94 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion:172 Resp: 492107

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.3	19.9	29.9



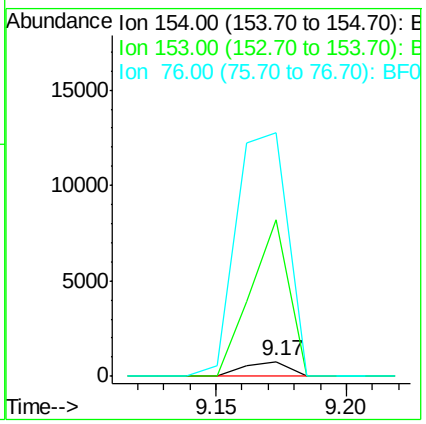


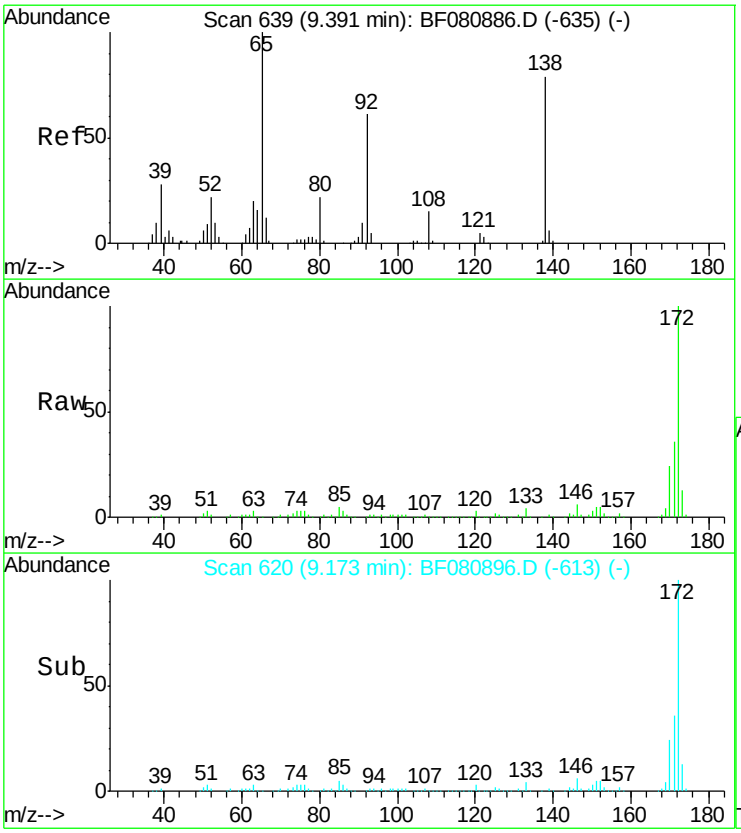
#45
1,1'-Biphenyl
Concen: 0.10 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.10 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 919

Ion	Ratio	Lower	Upper
154	100		
153	1063.5	20.8	60.8#
76	1650.1	0.0	30.3#

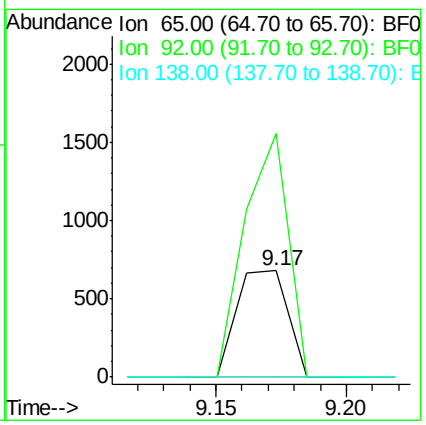


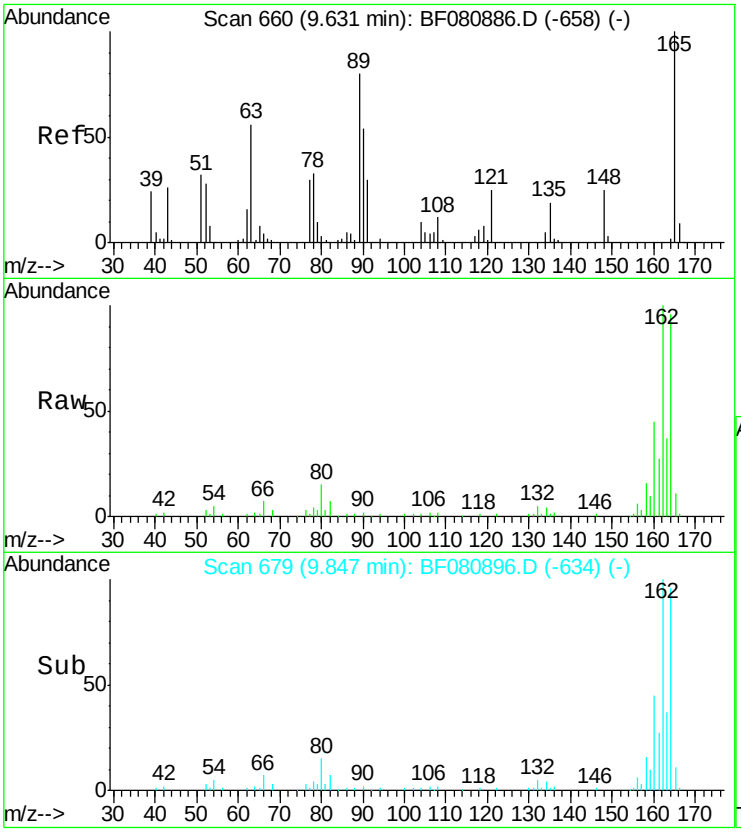


#47
2-Nitroaniline
Concen: 0.33 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.22 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion: 65 Resp: 922

Ion	Ratio	Lower	Upper
65	100		
92	228.5	48.5	72.7#
138	0.0	63.3	94.9#



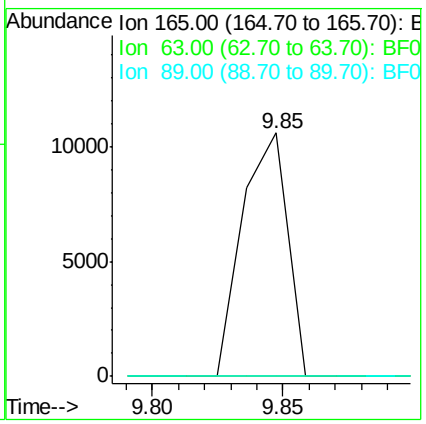


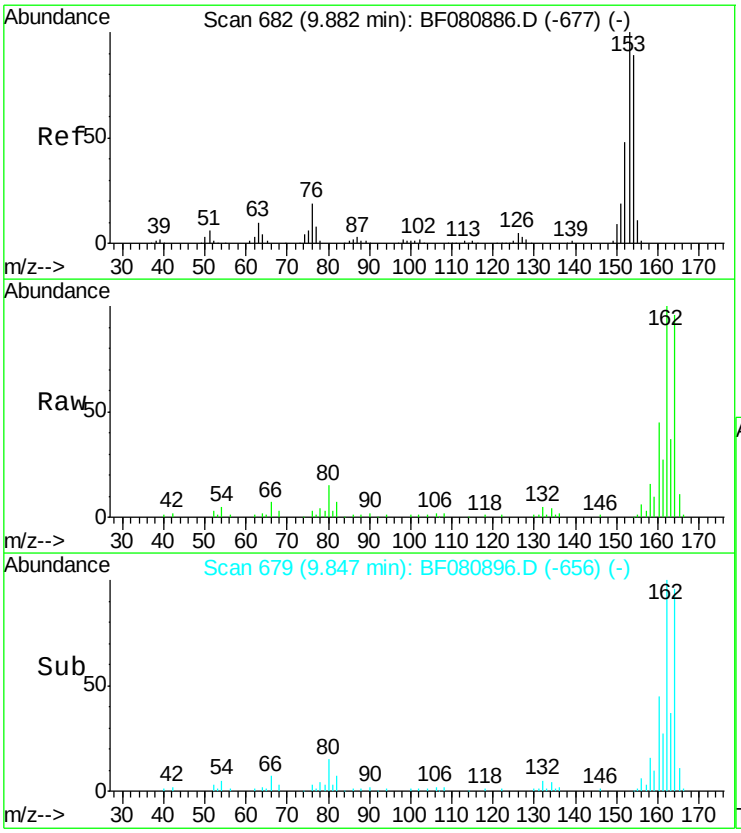
#50
2,6-Dinitrotoluene
Concen: 7.24 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.22 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12921

Ion	Ratio	Lower	Upper
165	100		
63	0.0	77.6	116.4#
89	0.0	63.7	95.5#

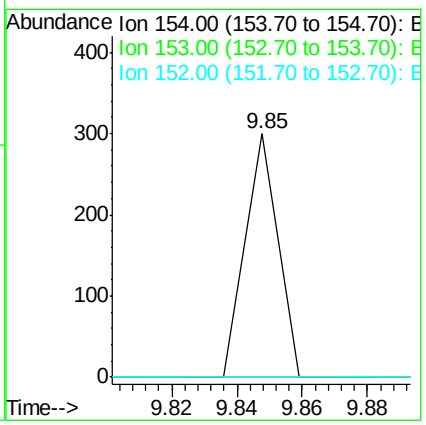


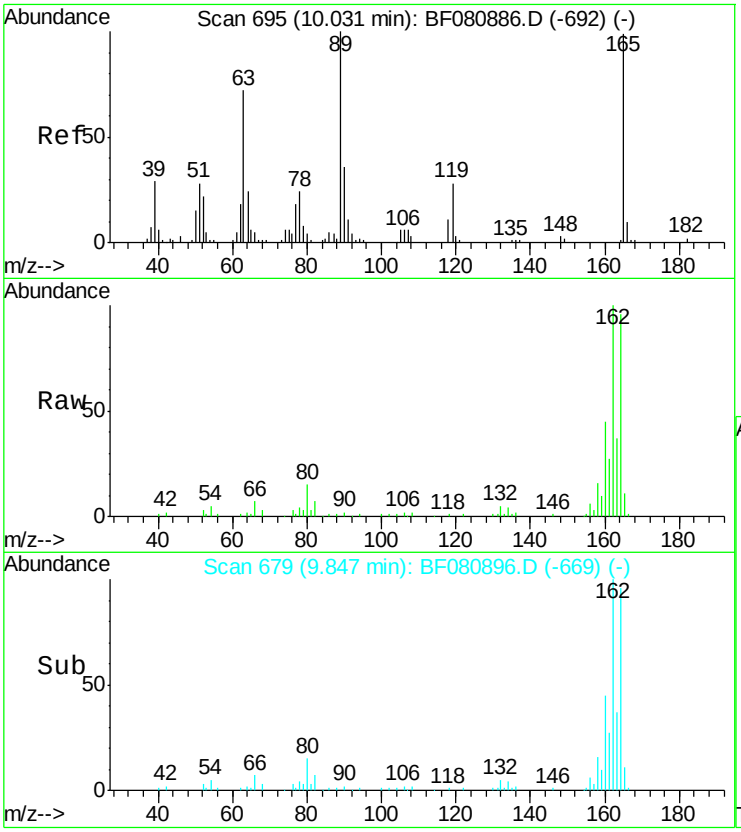


#51
Acenaphthene
Concen: 0.03 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion:154 Resp: 206

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.4	135.6#
152	0.0	43.6	65.4#



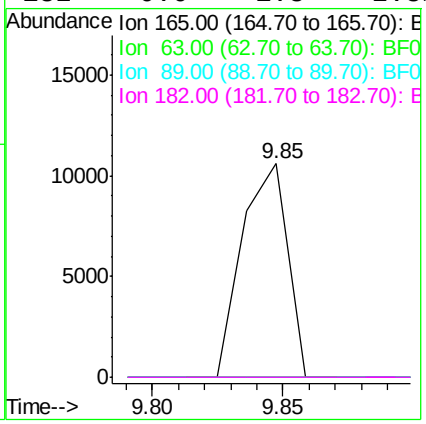


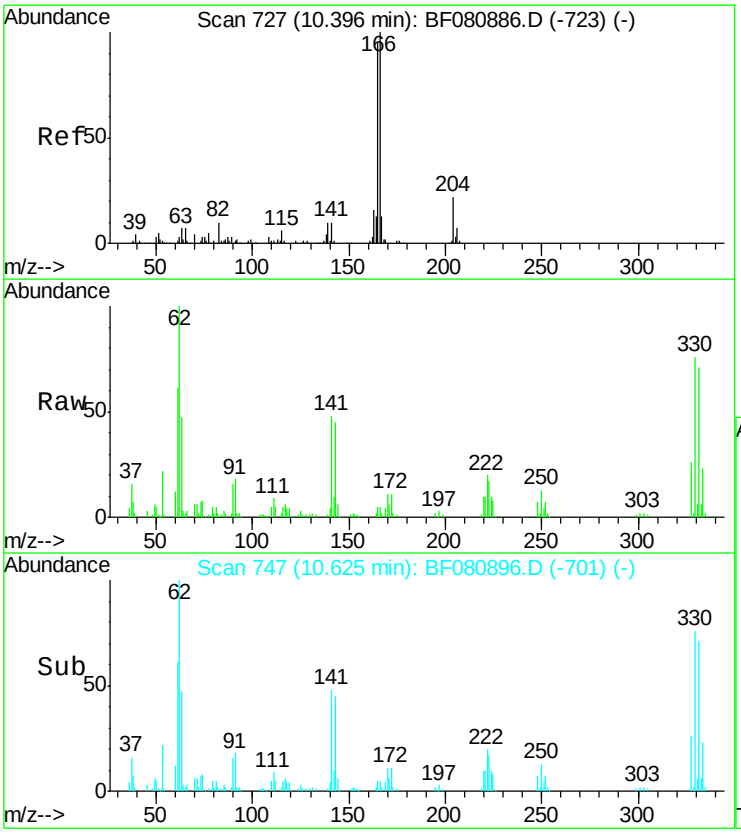
#56
2,4-Dinitrotoluene
Concen: 5.38 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.18 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12921

Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.6	87.8#
89	0.0	80.7	121.1#
182	0.0	1.8	2.8#

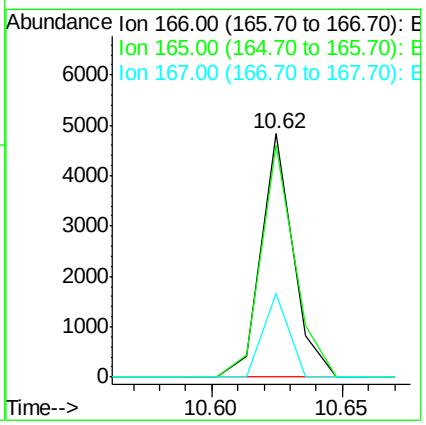


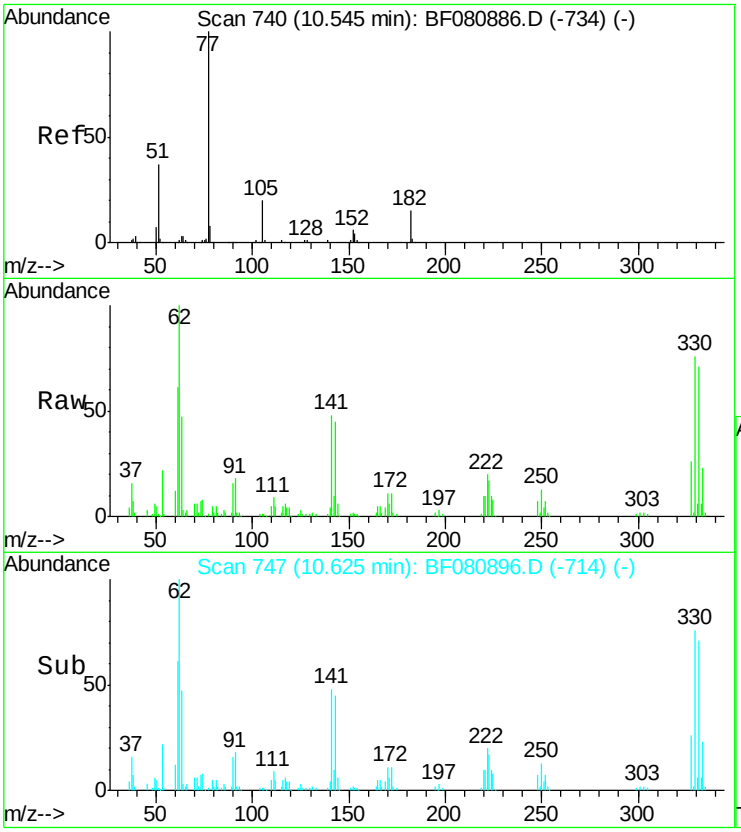


#57
Fluorene
Concen: 0.53 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.23 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion:166 Resp: 4164

Ion	Ratio	Lower	Upper
166	100		
165	95.5	75.9	113.9
167	34.2	10.8	16.2#



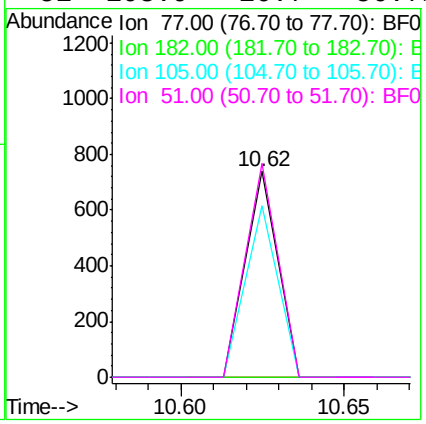


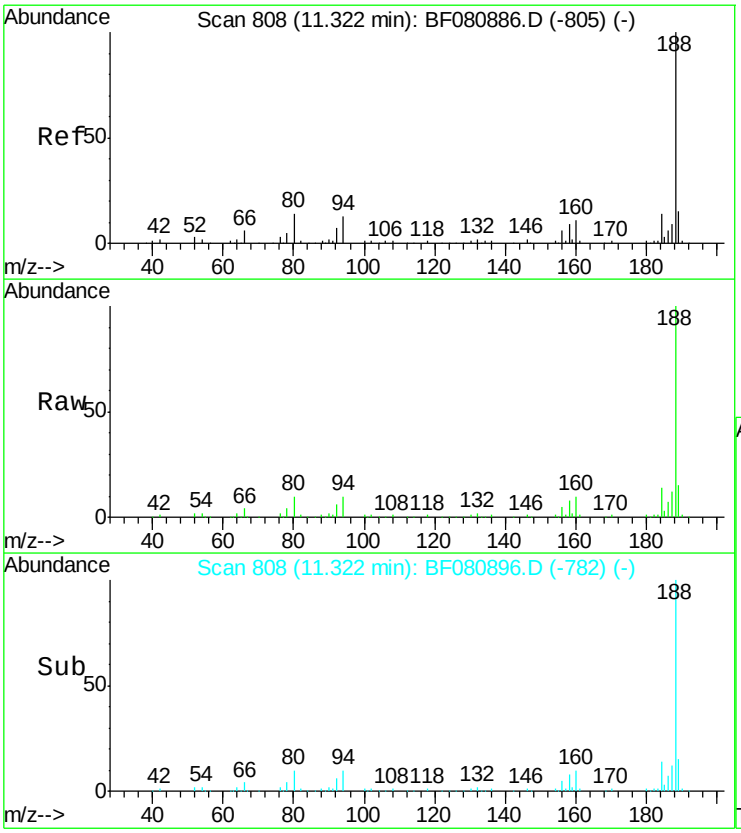
#62
Azobenzene
Concen: 0.05 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.08 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 506

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	34.5
105	83.2	0.2	40.2#
51	103.9	16.7	56.7#

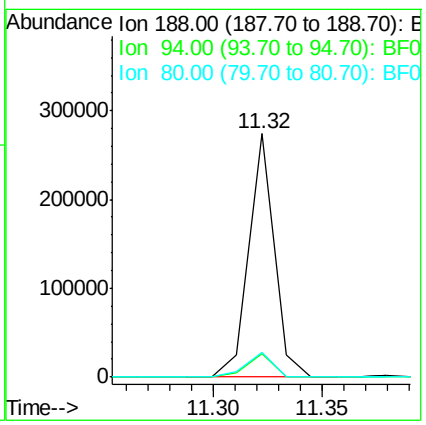


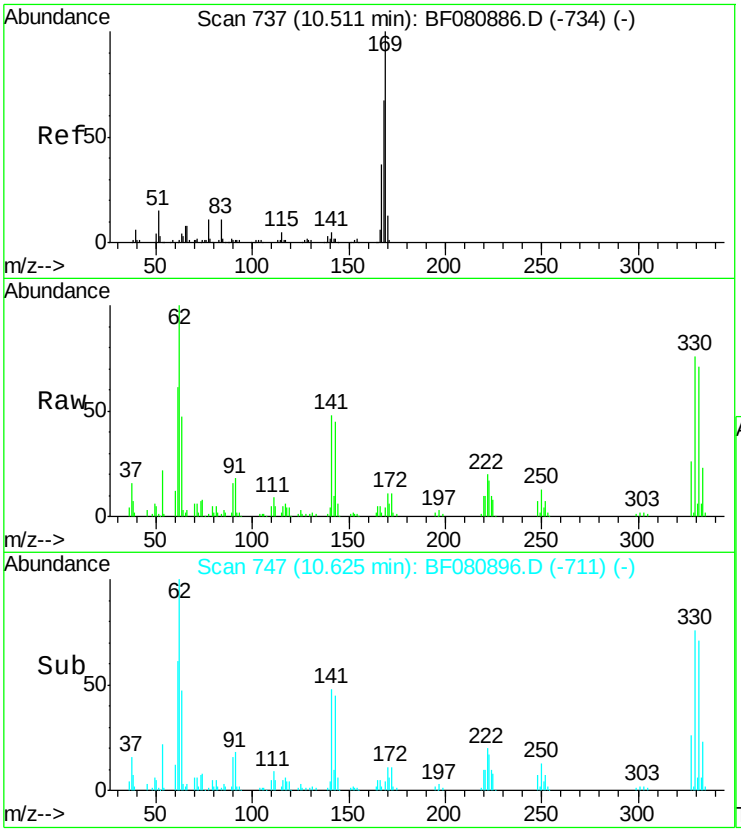


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion:188 Resp: 222622

Ion	Ratio	Lower	Upper
188	100		
94	9.8	10.2	15.2#
80	10.3	11.4	17.2#



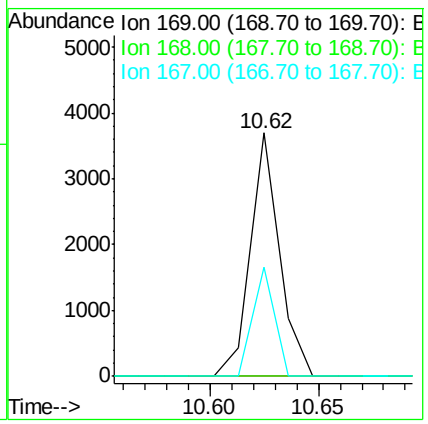


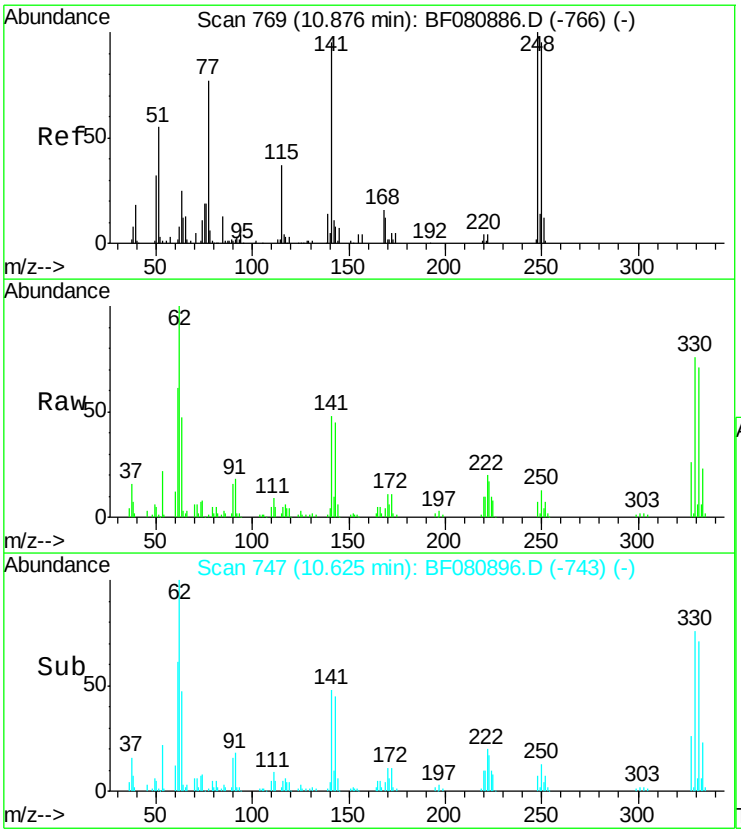
#65
n-Nitrosodiphenylamine
Concen: 0.43 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.11 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 3433

Ion	Ratio	Lower	Upper
169	100		
168	0.0	54.0	81.0#
167	44.7	29.8	44.8

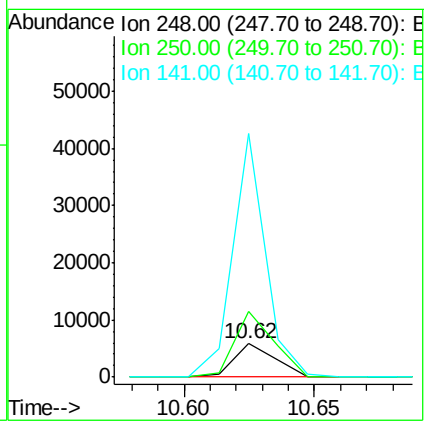


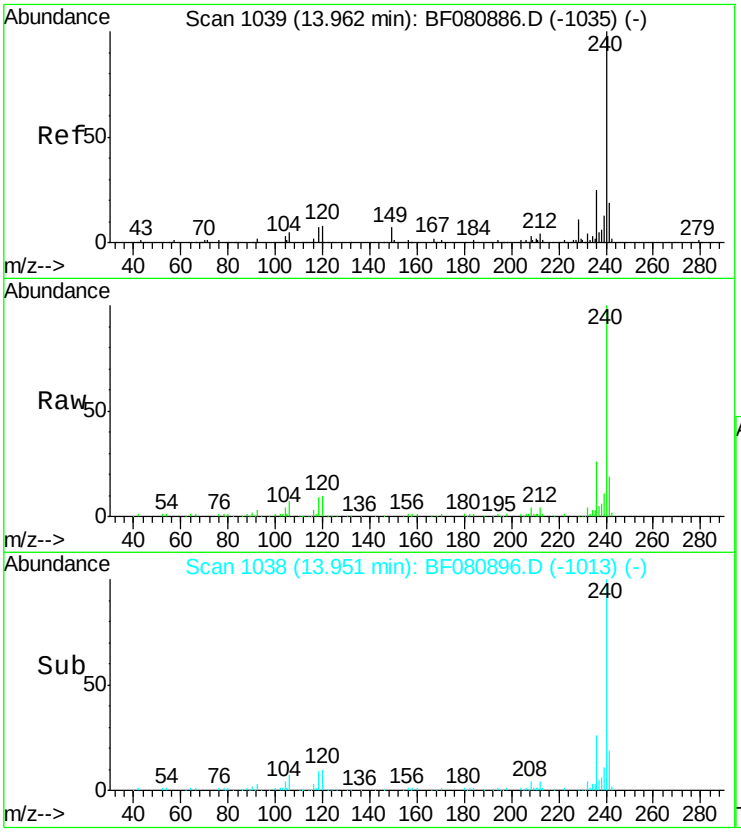


#66
4-Bromophenyl-phenylether
Concen: 2.59 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.25 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion:248 Resp: 6270

Ion	Ratio	Lower	Upper
248	100		
250	197.5	75.9	113.9#
141	733.7	75.8	113.6#



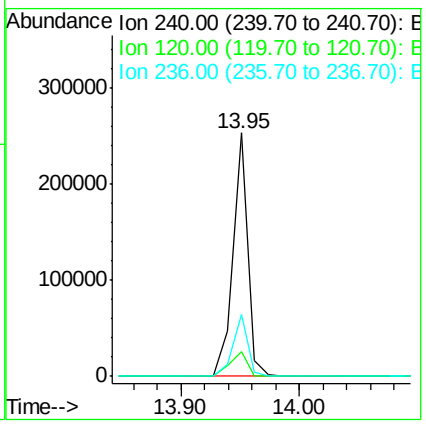


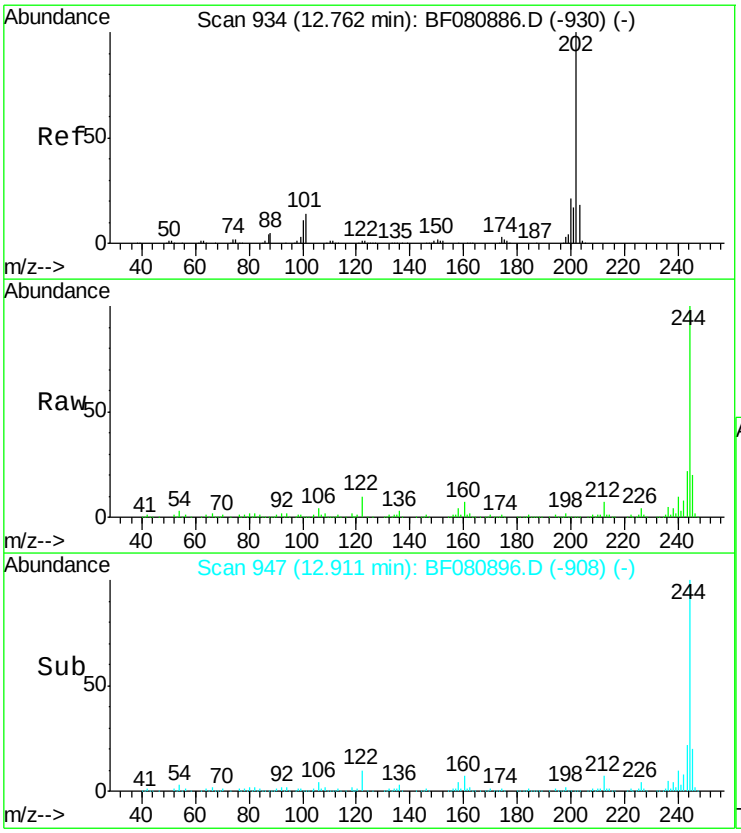
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 219804

Ion	Ratio	Lower	Upper
240	100		
120	10.2	6.4	9.6#
236	25.6	20.2	30.4

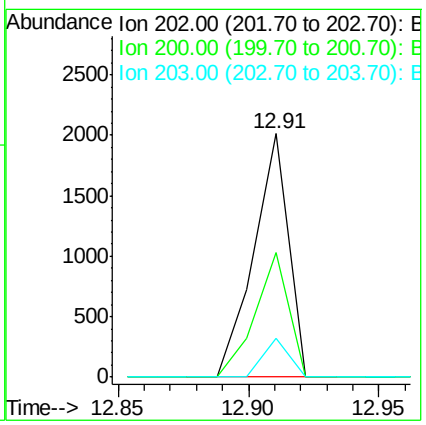


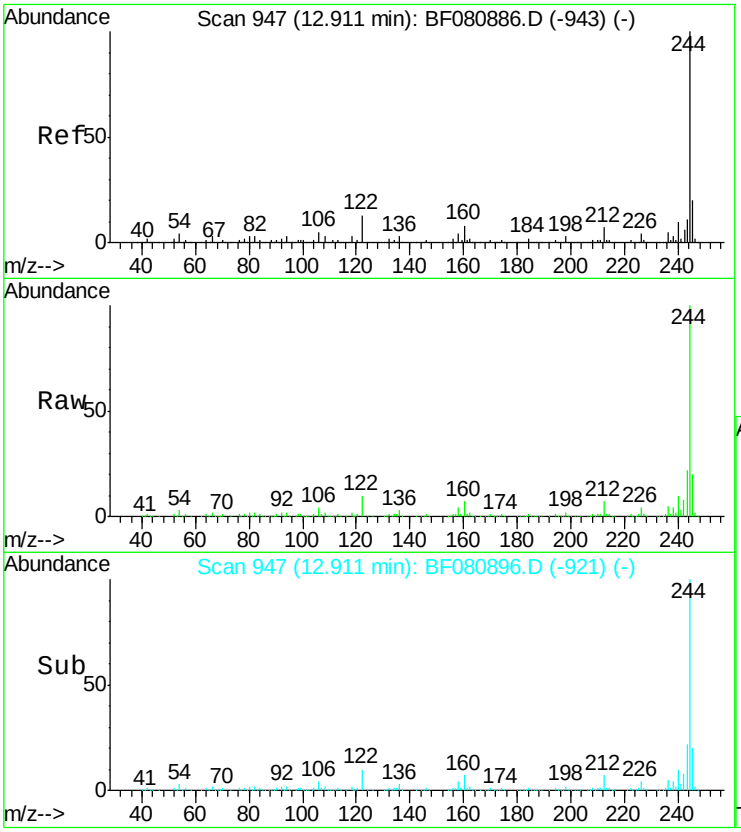


#77
Pyrene
Concen: 0.11 ng
RT: 12.91 min Scan# 947
Delta R.T. 0.15 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion:202 Resp: 1876

Ion	Ratio	Lower	Upper
202	100		
200	51.4	16.6	24.8#
203	16.0	14.3	21.5



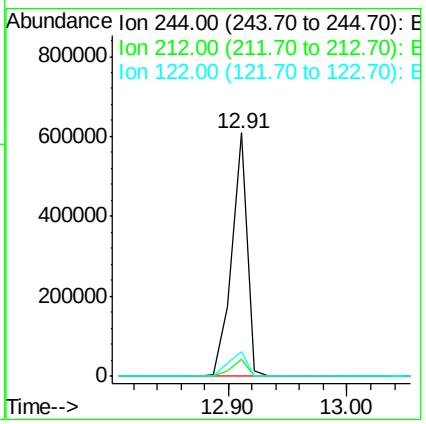


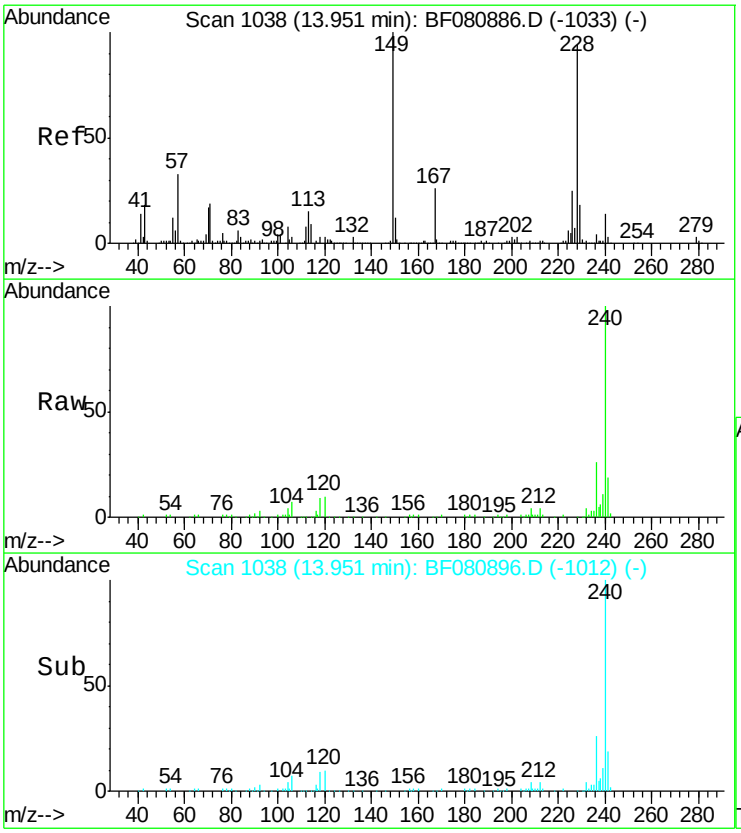
#78
Terphenyl-d14
Concen: 52.96 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 552150

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	10.2	10.6	16.0#

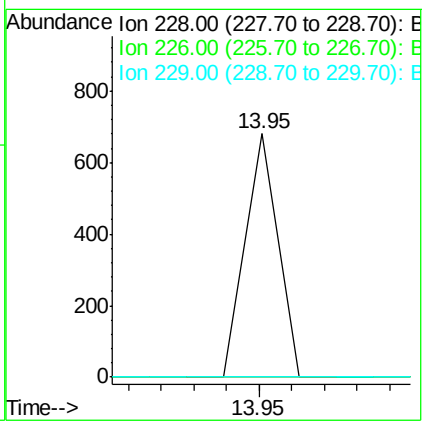


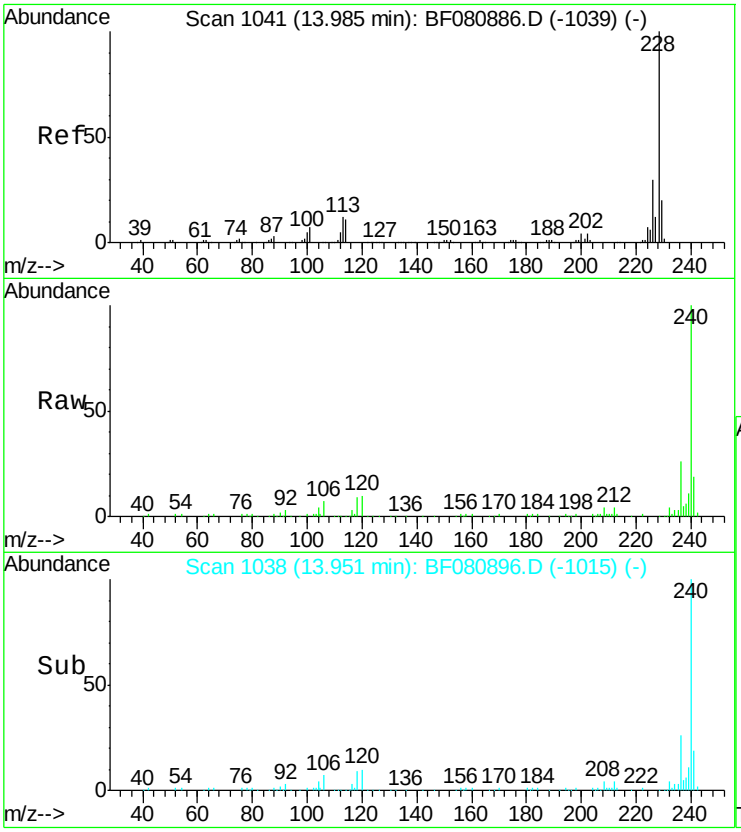


#80
Benzo(a)anthracene
Concen: 0.03 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion:228 Resp: 467

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.4	32.2#
229	0.0	14.9	22.3#



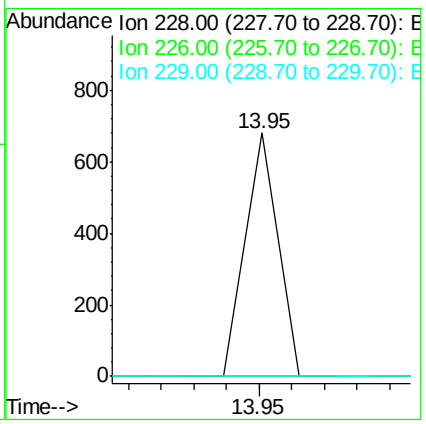


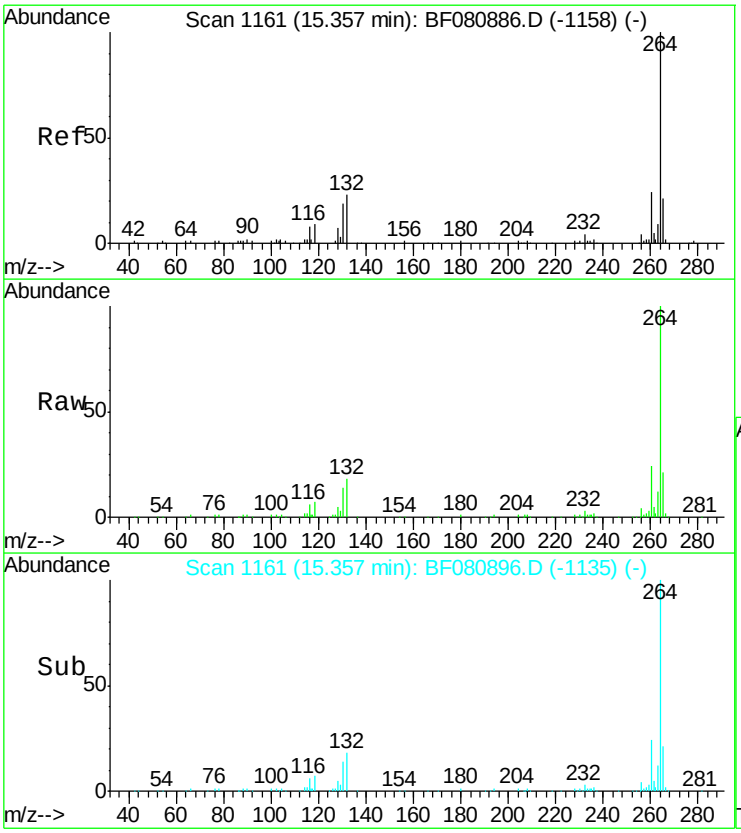
#82
Chrysene
Concen: 0.03 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 467

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.2	36.2#
229	0.0	16.2	24.2#

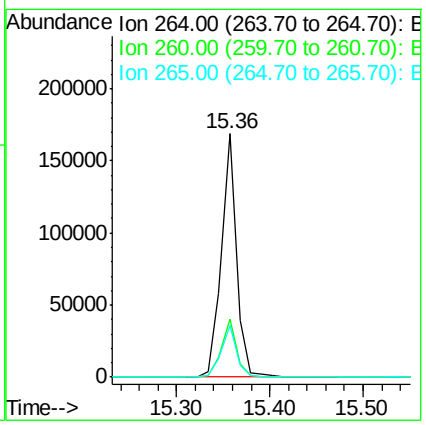


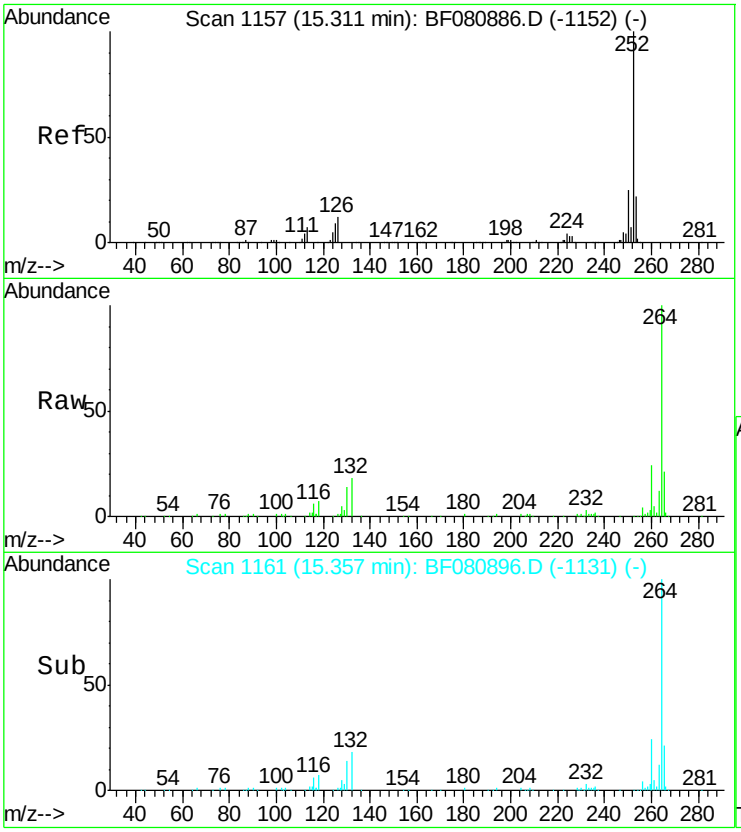


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion:264 Resp: 190574

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.3	17.0	25.6





#89
Benzo(a)pyrene
Concen: 0.04 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.05 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 424

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.6	26.4#
125	0.0	7.5	11.3#