Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090115\
Data File : BF081313.D
Acq On : 1 Sep 2015 20:04
Operator : UM/IZ
Sample : PB85326TB
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 02 00:51:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	56940	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	227910	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	106294	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	211764	20.00	ng	0.00
75) Chrysene-d12	13.49	240	169002	20.00	ng	-0.01
86) Perylene-d12	14.80	264	135048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	446053	121.54	ng	0.02
7) Phenol-d6	6.06	99	626890	129.05	ng	0.00
23) Nitrobenzene-d5	6.96	82	320401	67.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.20	330	124511	131.56	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	622202	75.01	ng	0.00
78) Terphenyl-d14	12.47	244	549398	75.67	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.15	93	716	0.10	ng	# 1
9) Benzaldehyde	6.06	77	785	0.26	ng	# 1
10) Phenol	6.16	94	901	0.16	ng	# 1
11) bis(2-Chloroethyl)ether	6.15	93	716	0.18	ng	# 1
15) Benzyl Alcohol	6.54	79	6051	1.52	ng	# 35
19) n-Nitroso-di-n-propylamine	6.96	70	42848	12.96	ng	# 63
24) Nitrobenzene	6.96	77	844	0.17	ng	# 20
45) 1,1'-Biphenyl	8.76	154	1108	0.11	ng	# 1
47) 2-Nitroaniline	8.75	65	983	0.34	ng	# 1
49) Dimethylphthalate	9.42	163	29005	3.51	ng	# 1
50) 2,6-Dinitrotoluene	9.42	165	13513	7.21	ng	# 37
51) Acenaphthene	9.42	154	364	0.05	ng	# 9
56) 2,4-Dinitrotoluene	9.42	165	13513	5.66	ng	# 31
57) Fluorene	10.19	166	4394	0.56	ng	# 65
62) Azobenzene	10.19	77	541	0.06	ng	# 7
65) n-Nitrosodiphenylamine	10.19	169	4569	0.59	ng	# 45
66) 4-Bromophenyl-phenylether	10.20	248	8436	3.94	ng	# 1
77) Pyrene	12.47	202	1992	0.16	ng	# 68
80) Benzo(a)anthracene	13.49	228	337	0.03	ng	# 53
82) Chrysene	13.49	228	337	0.03	ng	# 52
89) Benzo(a)pyrene	14.80	252	353	0.04	ng	# 54

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090115\
Data File : BF081313.D
Acq On : 1 Sep 2015 20:04
Operator : UM/IZ
Sample : PB85326TB
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 02 00:51:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
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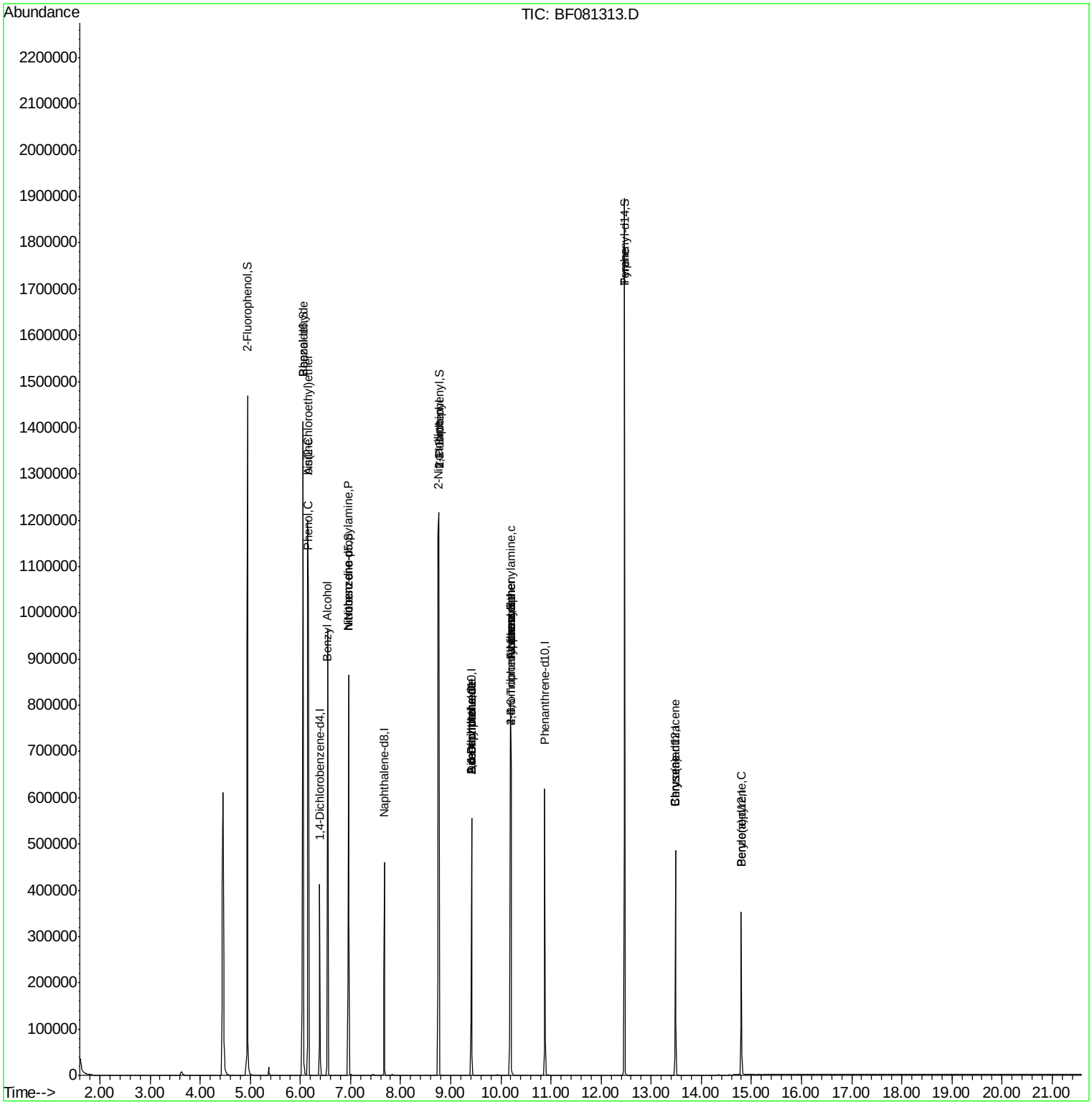
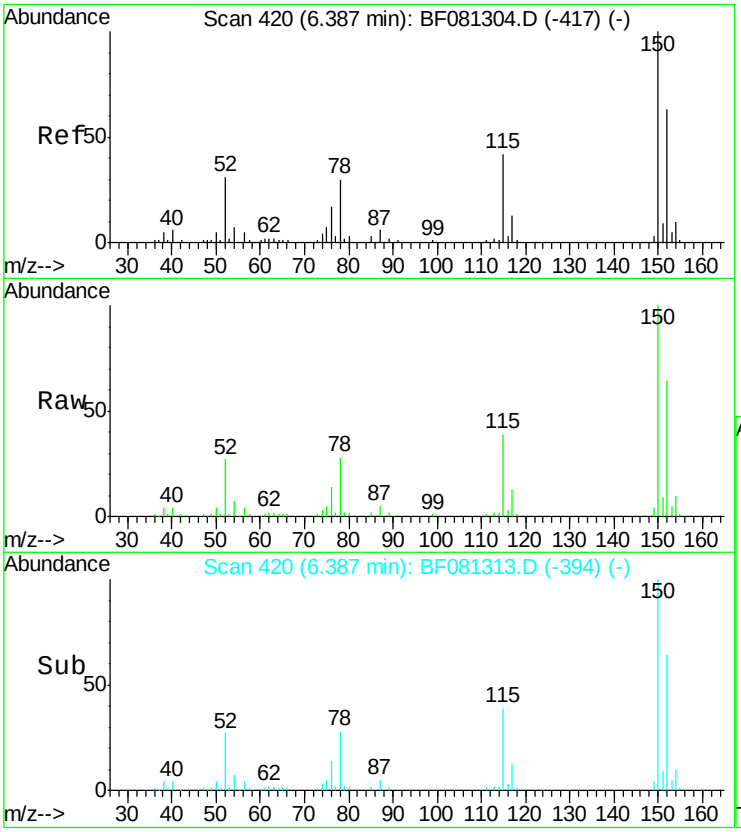


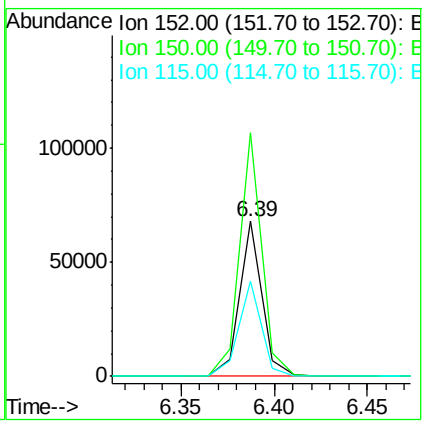


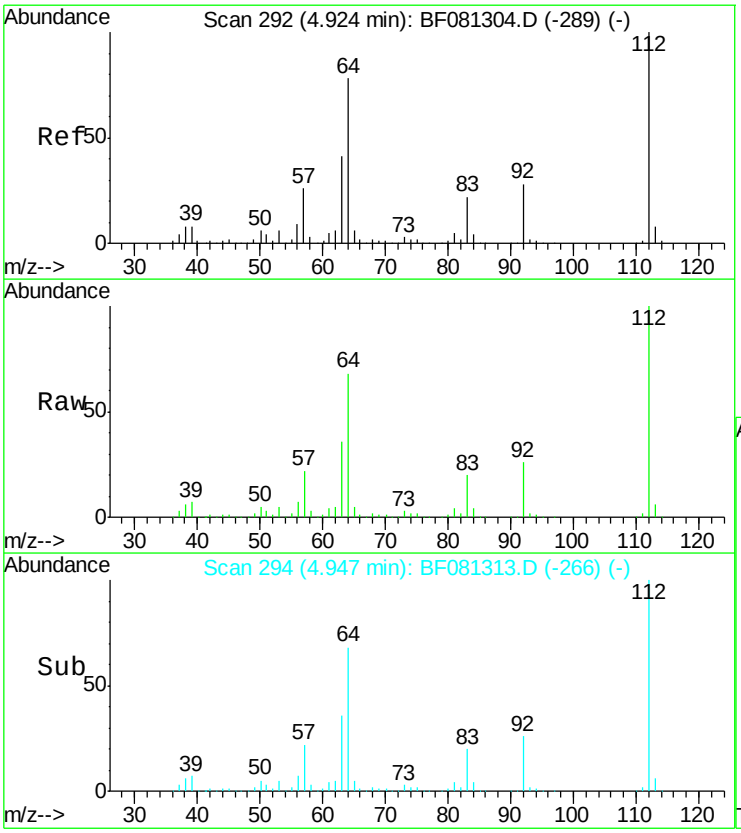
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 56940

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.7	187.1
115	61.7	39.0	58.4#

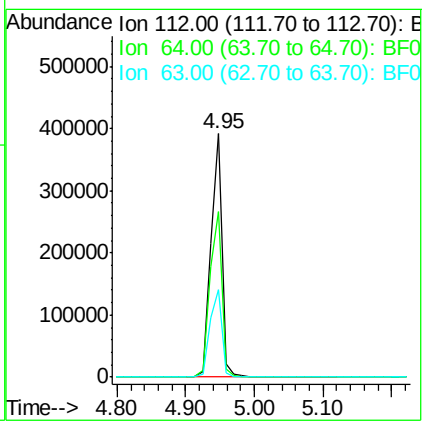


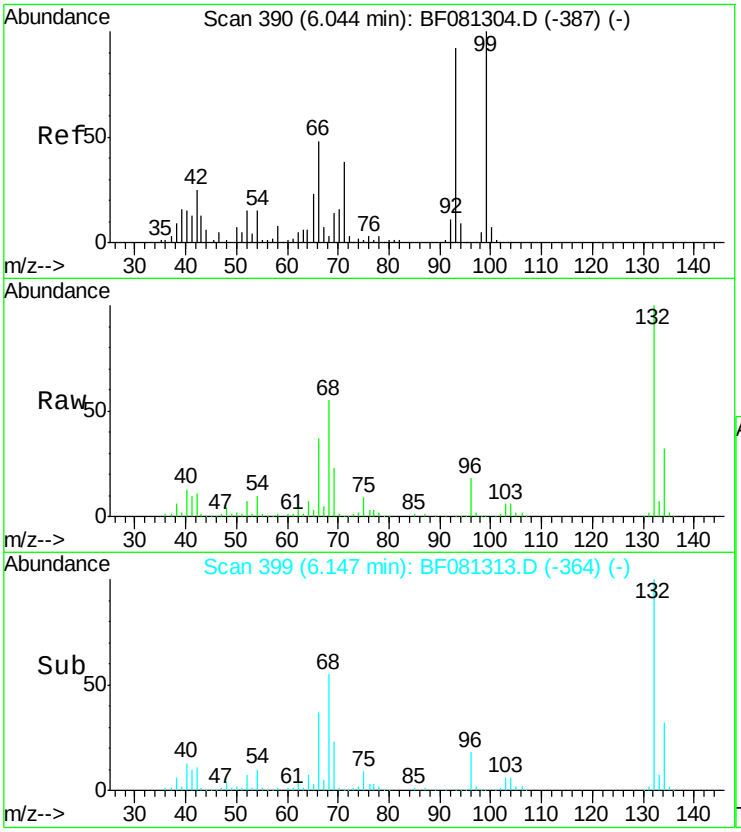


#5
2-Fluorophenol
Concen: 121.54 ng
RT: 4.95 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Tgt Ion:112 Resp: 446053

Ion	Ratio	Lower	Upper
112	100		
64	68.1	39.7	59.5#
63	35.9	17.4	26.0#



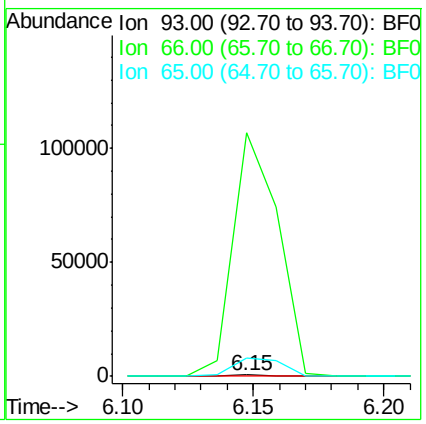


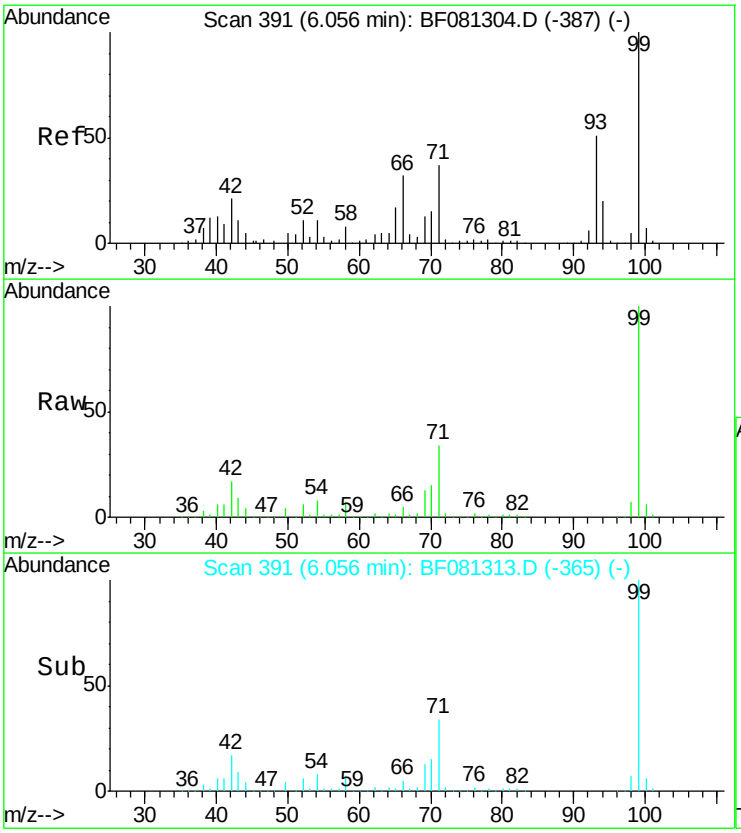
#6
Aniline
Concen: 0.10 ng
RT: 6.15 min Scan# 399
Delta R.T. 0.10 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 716

Ion	Ratio	Lower	Upper
93	100		
66	18159.2	27.2	40.8#
65	1409.9	14.7	22.1#

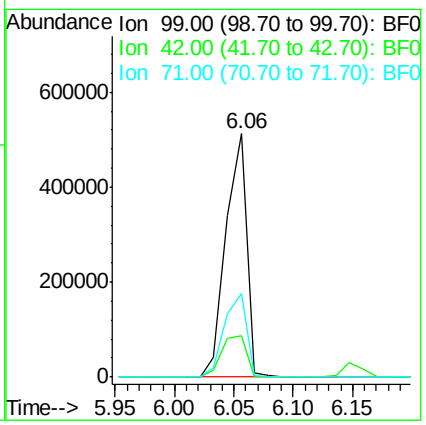


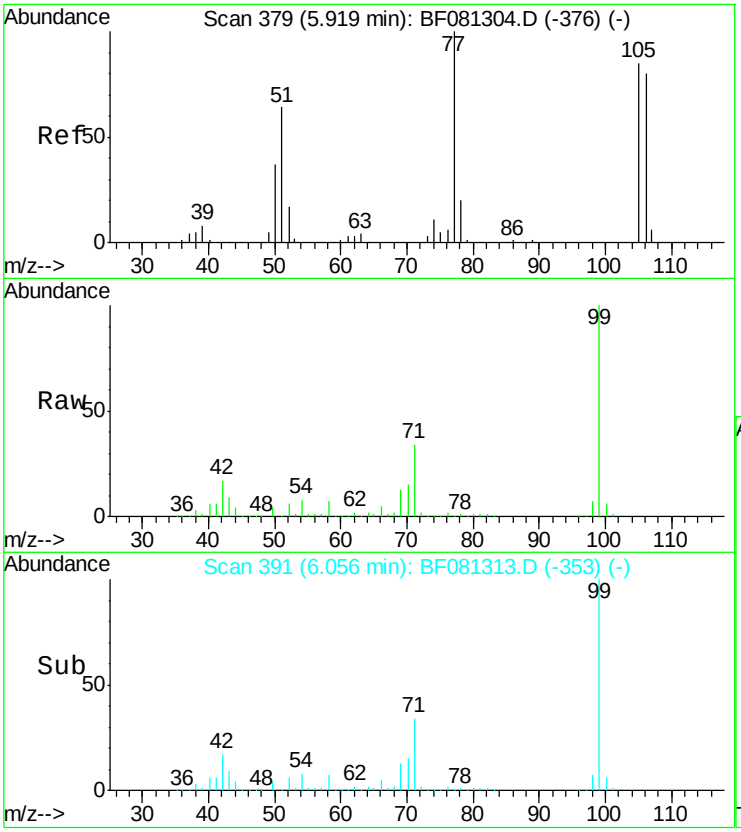


#7
Phenol-d6
Concen: 129.05 ng
RT: 6.06 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Tgt Ion: 99 Resp: 626890

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.7	20.5
71	34.2	14.2	21.2#



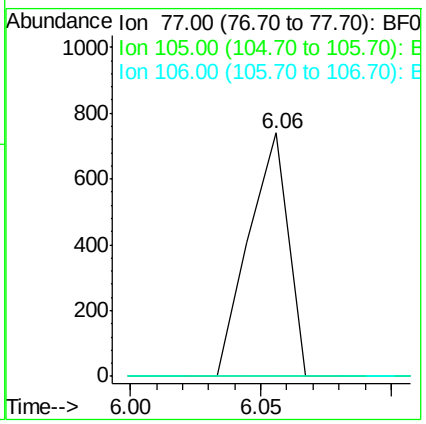


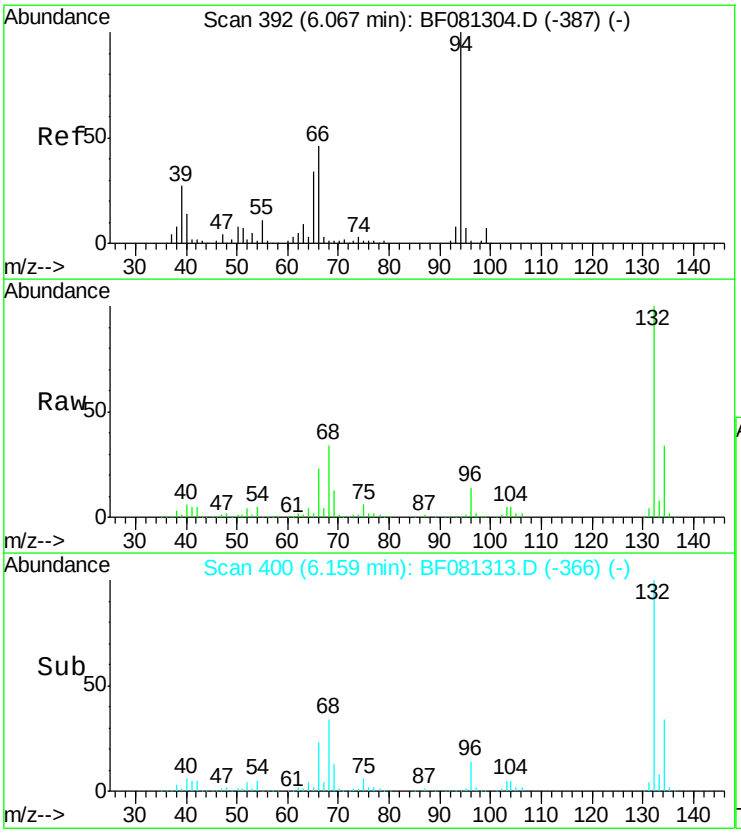
#9
Benzaldehyde
Concen: 0.26 ng
RT: 6.06 min Scan# 391
Delta R.T. 0.14 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 785

Ion	Ratio	Lower	Upper
77	100		
105	0.0	91.6	131.6#
106	0.0	102.6	142.6#

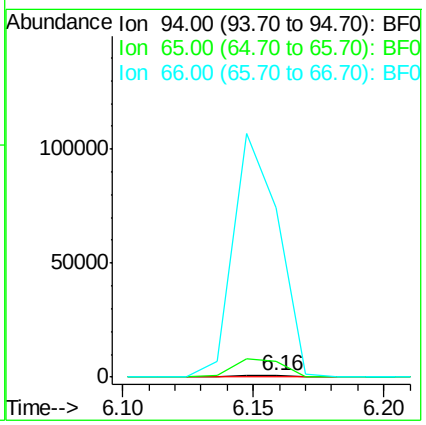


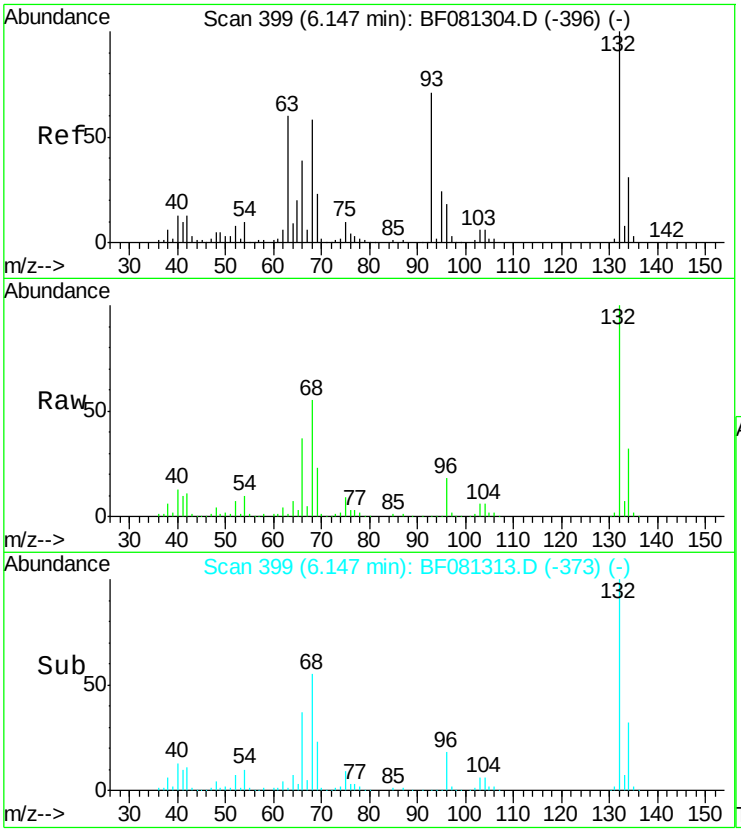


#10
Phenol
Concen: 0.16 ng
RT: 6.16 min Scan# 400
Delta R.T. 0.09 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Tgt Ion: 94 Resp: 901

Ion	Ratio	Lower	Upper
94	100		
65	1047.0	0.7	40.7#
66	10980.4	0.8	40.8#



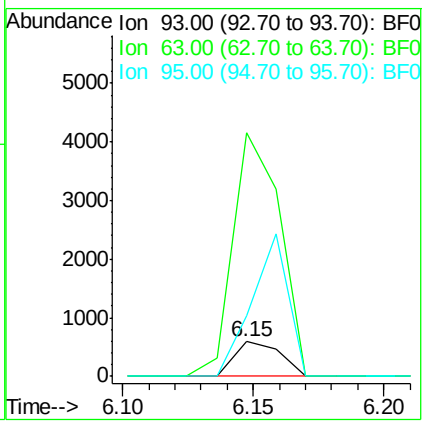


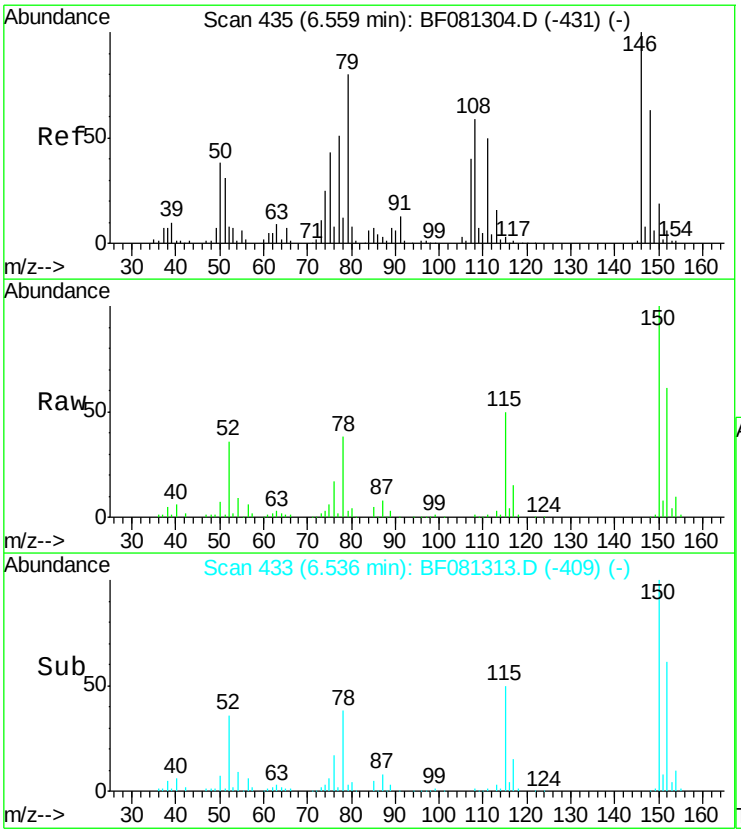
#11
bis(2-Chloroethyl)ether
Concen: 0.18 ng
RT: 6.15 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 716

Ion	Ratio	Lower	Upper
93	100		
63	706.8	65.6	105.6#
95	174.0	13.6	53.6#

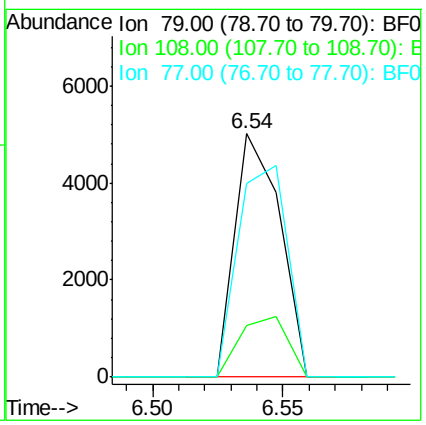


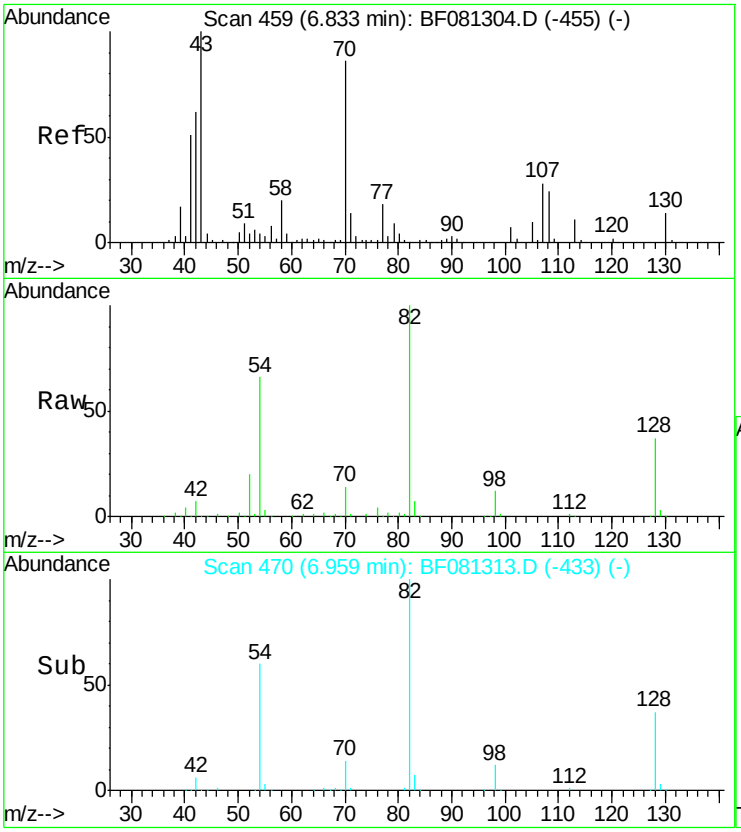


#15
Benzyl Alcohol
Concen: 1.52 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Tgt Ion: 79 Resp: 6051

Ion	Ratio	Lower	Upper
79	100		
108	21.1	88.6	132.8#
77	79.8	47.0	70.4#



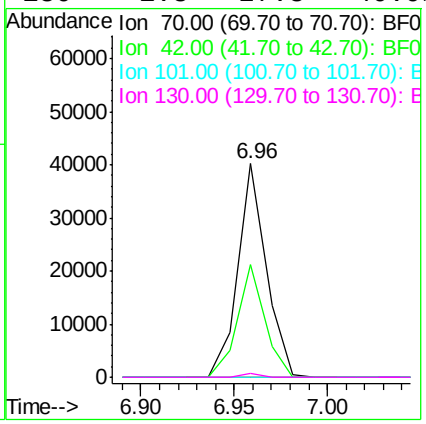


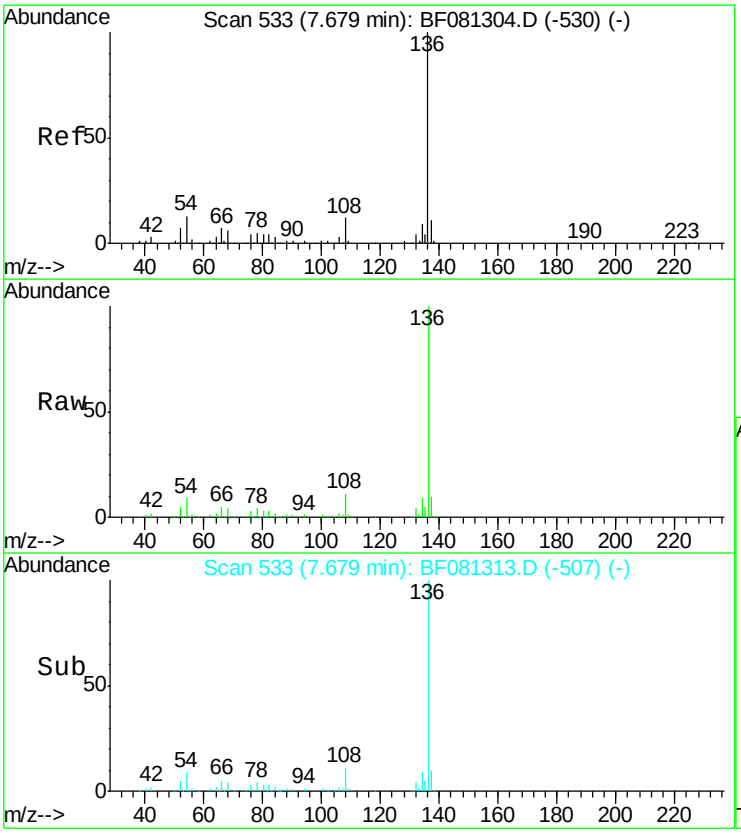
#19
n-Nitroso-di-n-propylamine
Concen: 12.96 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.13 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 42848

Ion	Ratio	Lower	Upper
70	100		
42	53.0	63.8	95.6#
101	0.0	9.2	13.8#
130	1.8	27.3	40.9#

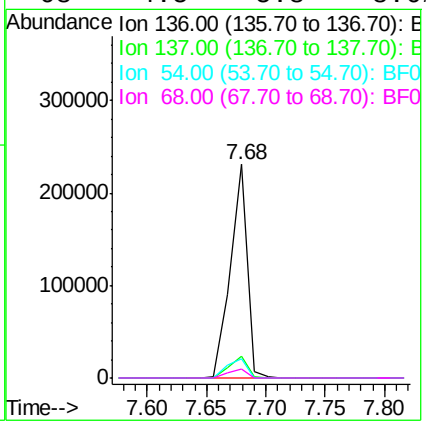


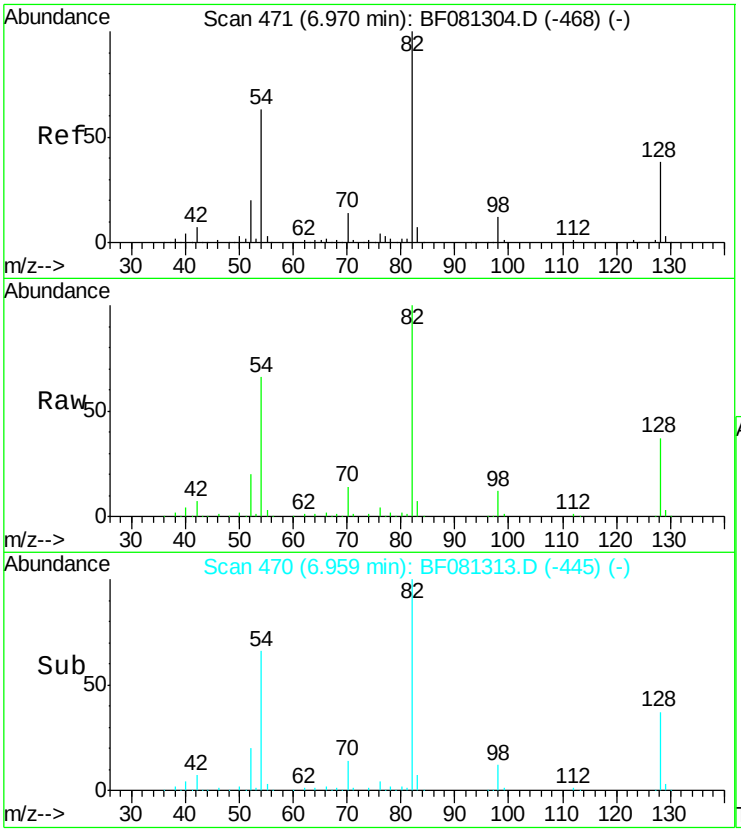


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Tgt Ion:136 Resp: 227910

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.6
54	9.3	8.2	12.2
68	4.5	5.8	8.6#



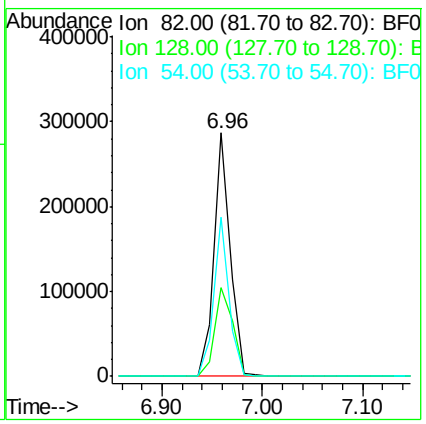


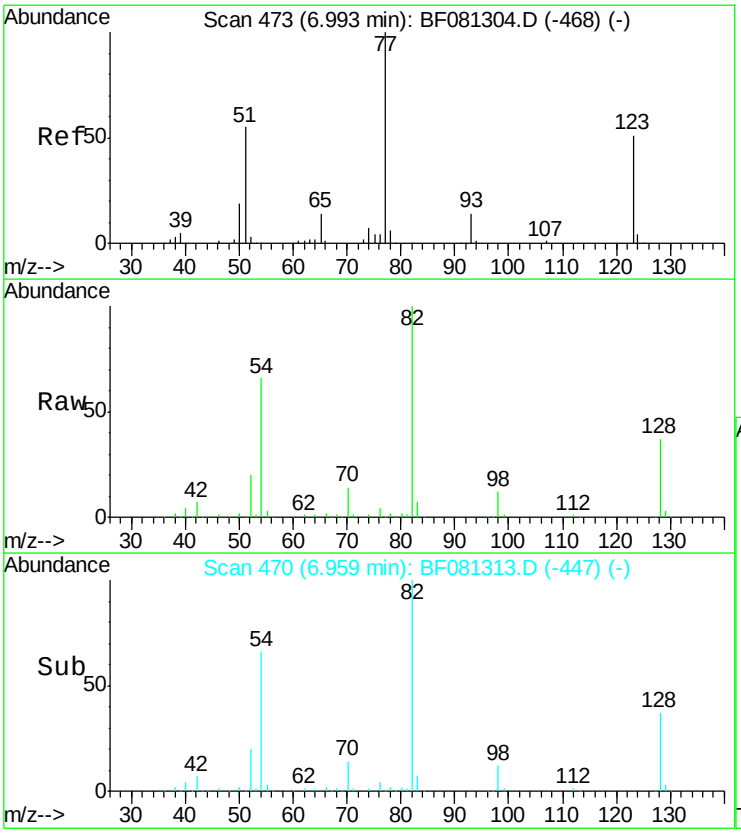
#23
Nitrobenzene-d5
Concen: 67.83 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 320401

Ion	Ratio	Lower	Upper
82	100		
128	36.7	51.0	76.6#
54	65.6	47.5	71.3

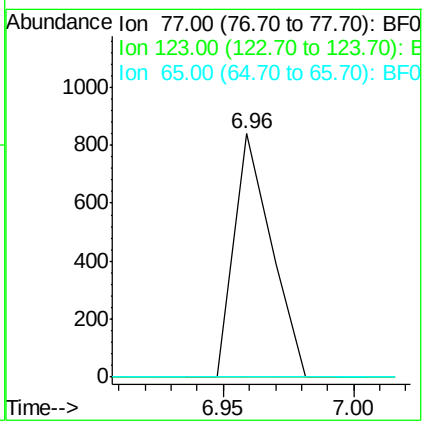


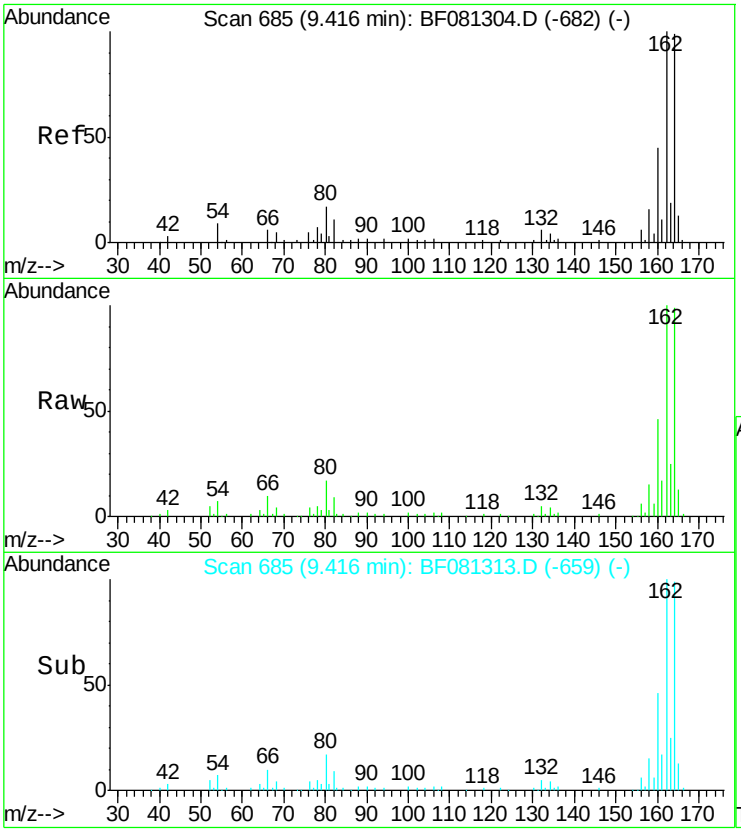


#24
Nitrobenzene
Concen: 0.17 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Tgt Ion: 77 Resp: 844

Ion	Ratio	Lower	Upper
77	100		
123	0.0	59.8	89.8#
65	0.0	10.2	15.4#



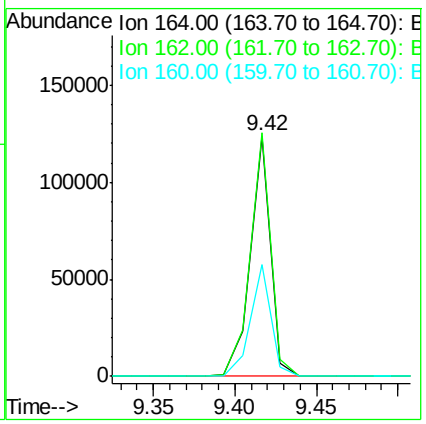


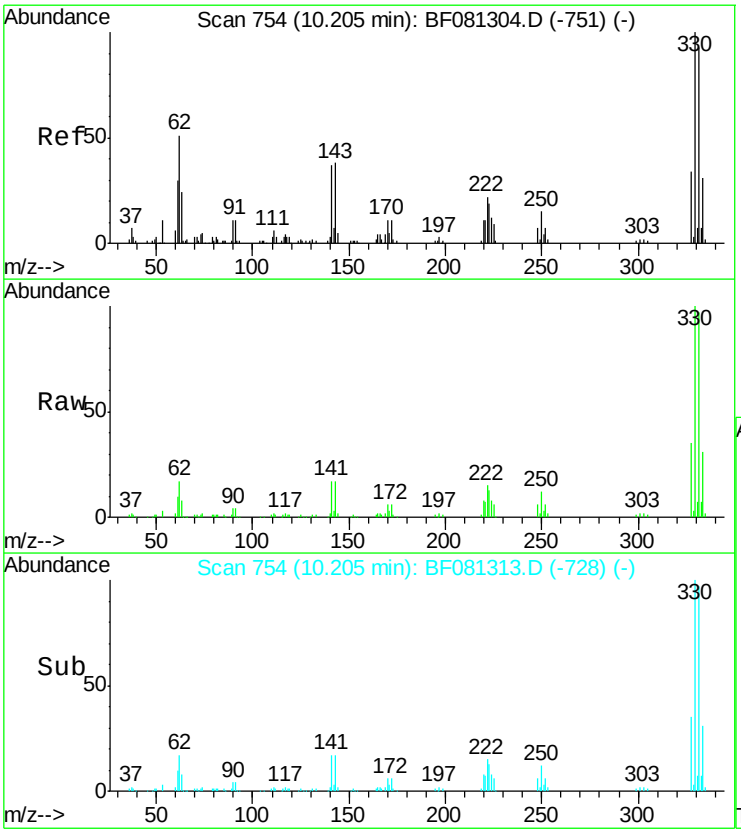
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 106294

Ion	Ratio	Lower	Upper
164	100		
162	101.4	75.2	112.8
160	46.5	31.5	47.3

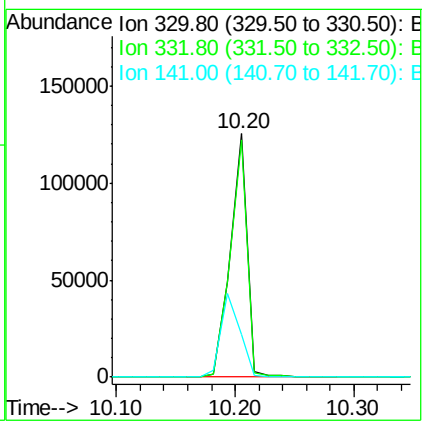


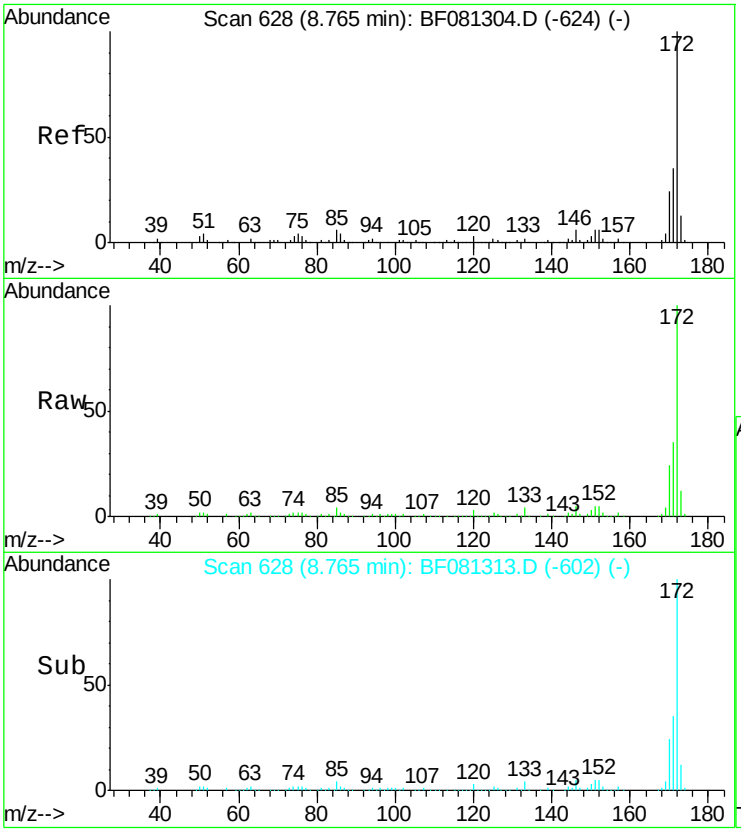


#41
2,4,6-Tribromophenol
Concen: 131.56 ng
RT: 10.20 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Tgt Ion:330 Resp: 124511

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	114.8
141	38.6	29.7	44.5



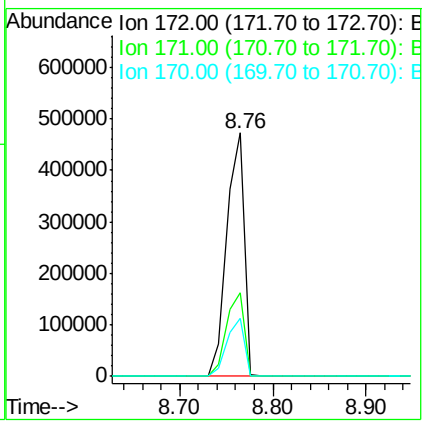


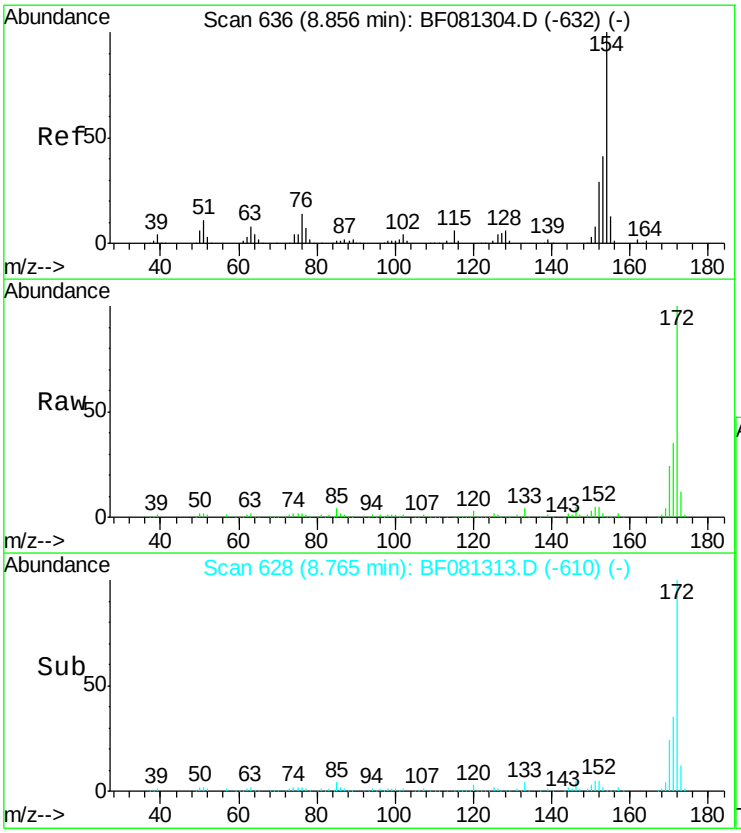
#44
2-Fluorobiphenyl
Concen: 75.01 ng
RT: 8.76 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 622202

Ion	Ratio	Lower	Upper
172	100		
171	34.6	26.1	39.1
170	23.7	17.4	26.2

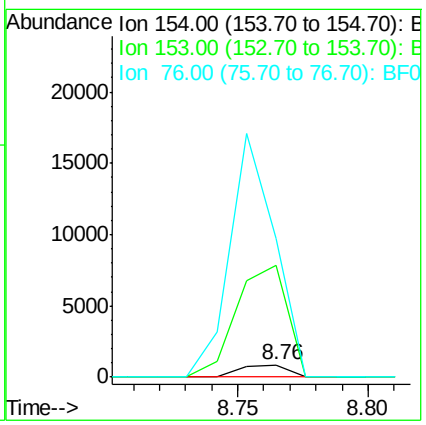


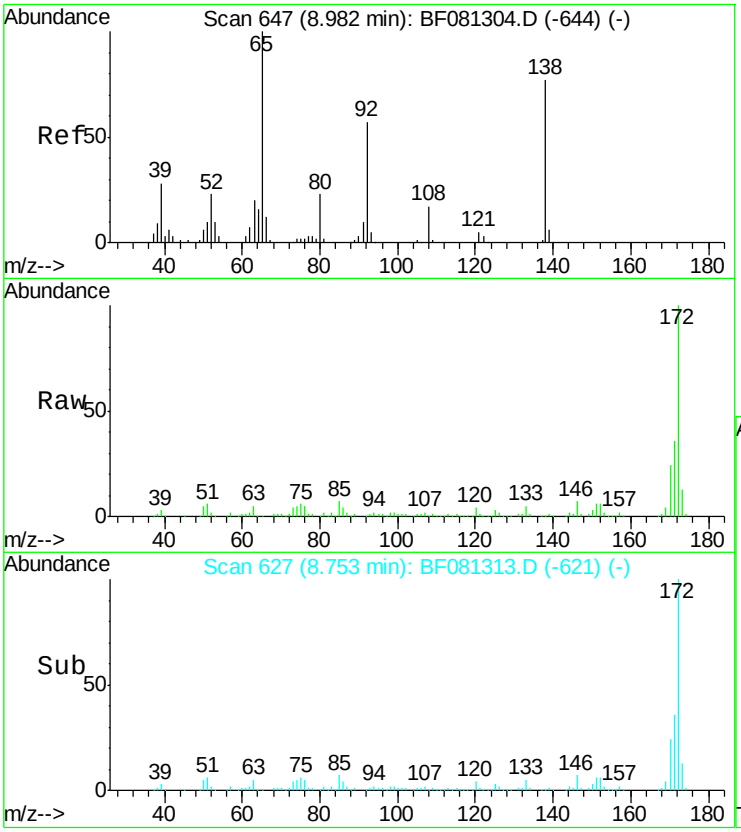


#45
1,1'-Biphenyl
Concen: 0.11 ng
RT: 8.76 min Scan# 628
Delta R.T. -0.09 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Tgt Ion:154 Resp: 1108

Ion	Ratio	Lower	Upper
154	100		
153	922.4	17.1	57.1#
76	1143.9	0.0	31.6#



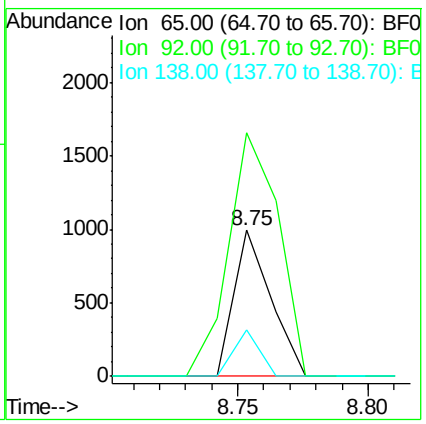


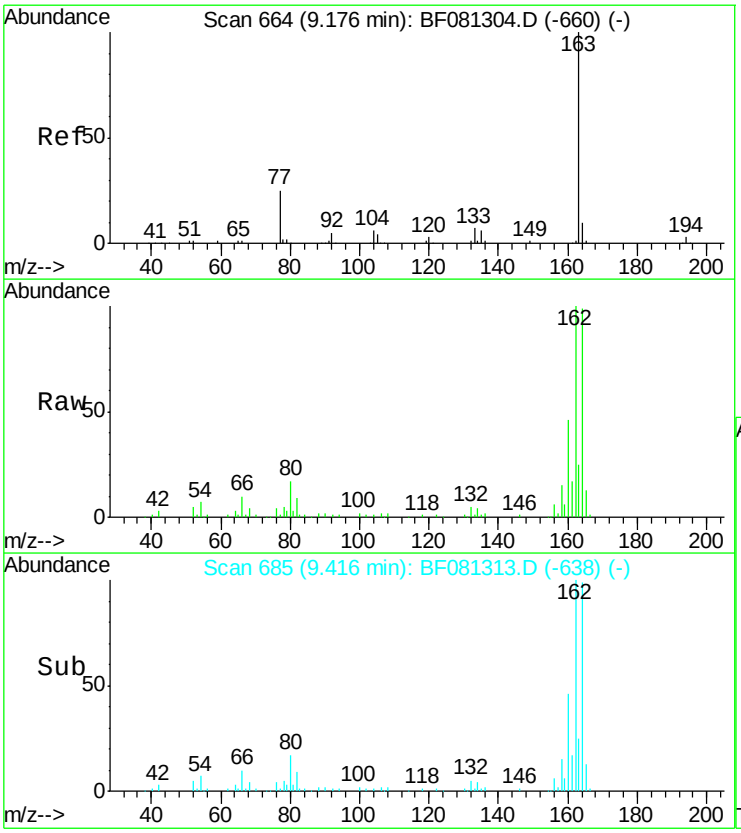
#47
2-Nitroaniline
Concen: 0.34 ng
RT: 8.75 min Scan# 627
Delta R.T. -0.23 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 983

Ion	Ratio	Lower	Upper
65	100		
92	166.9	55.4	83.0#
138	31.8	115.5	173.3#

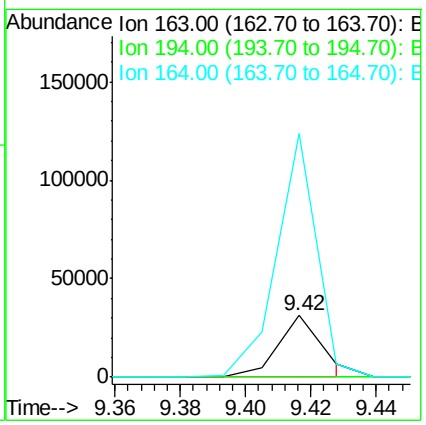


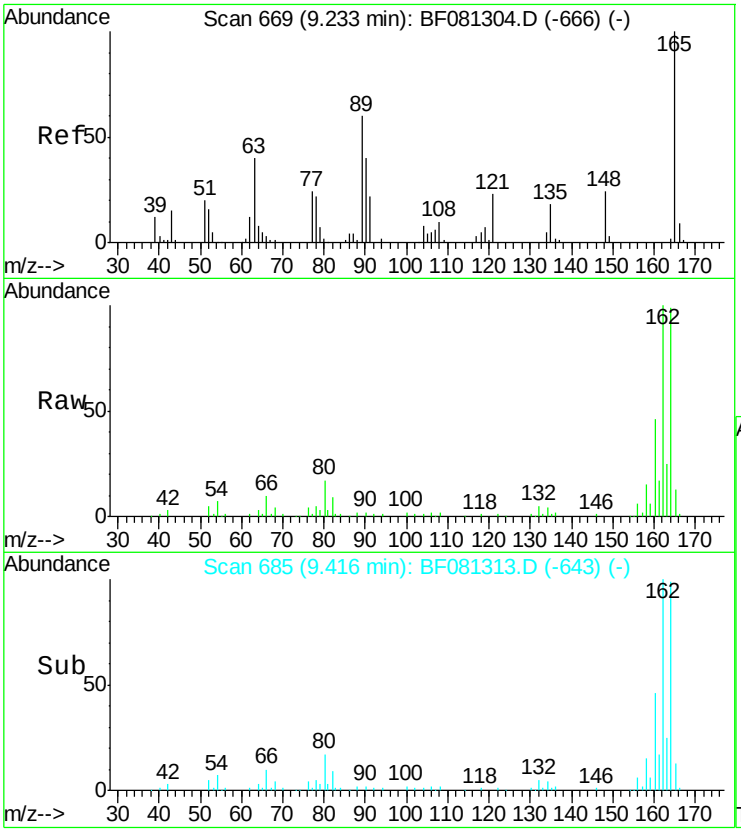


#49
Dimethylphthalate
Concen: 3.51 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.24 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Tgt Ion:163 Resp: 29005

Ion	Ratio	Lower	Upper
163	100		
194	0.0	4.4	6.6#
164	396.8	8.3	12.5#



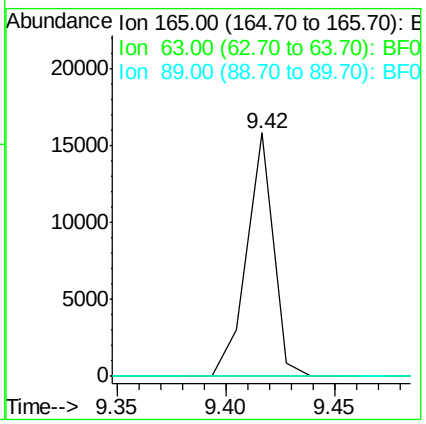


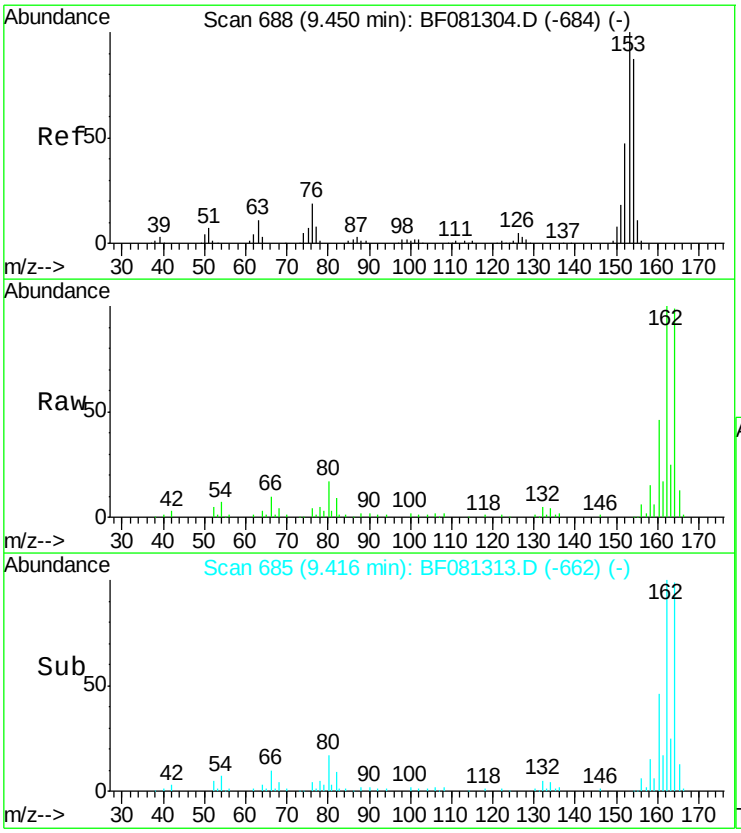
#50
2,6-Dinitrotoluene
Concen: 7.21 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.18 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13513

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#

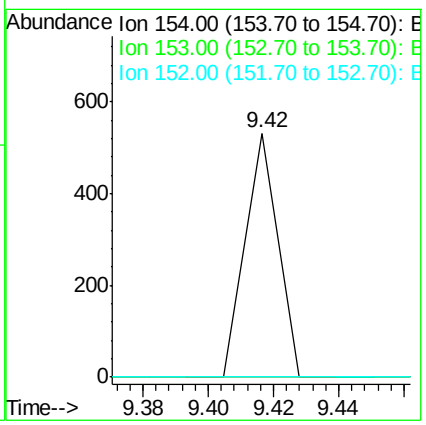


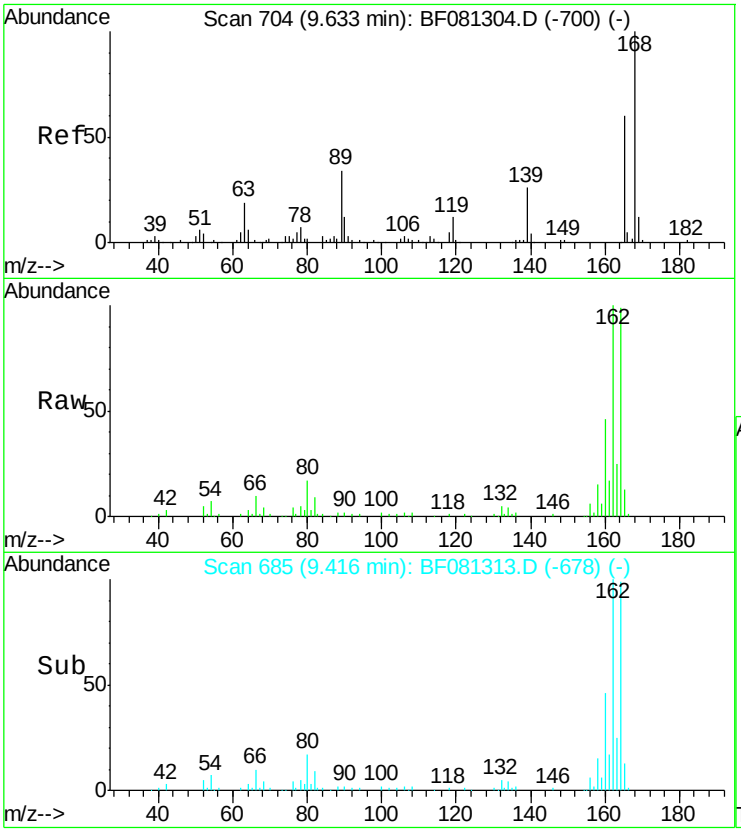


#51
Acenaphthene
Concen: 0.05 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Tgt Ion:154 Resp: 364

Ion	Ratio	Lower	Upper
154	100		
153	0.0	82.1	123.1#
152	0.0	37.9	56.9#



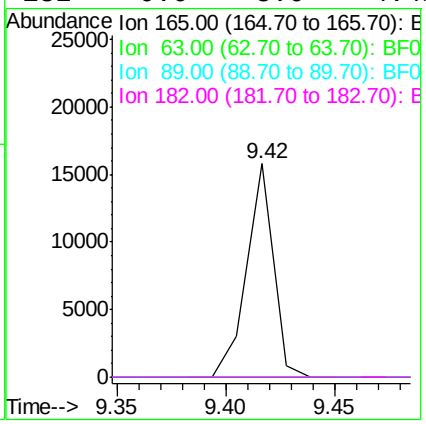


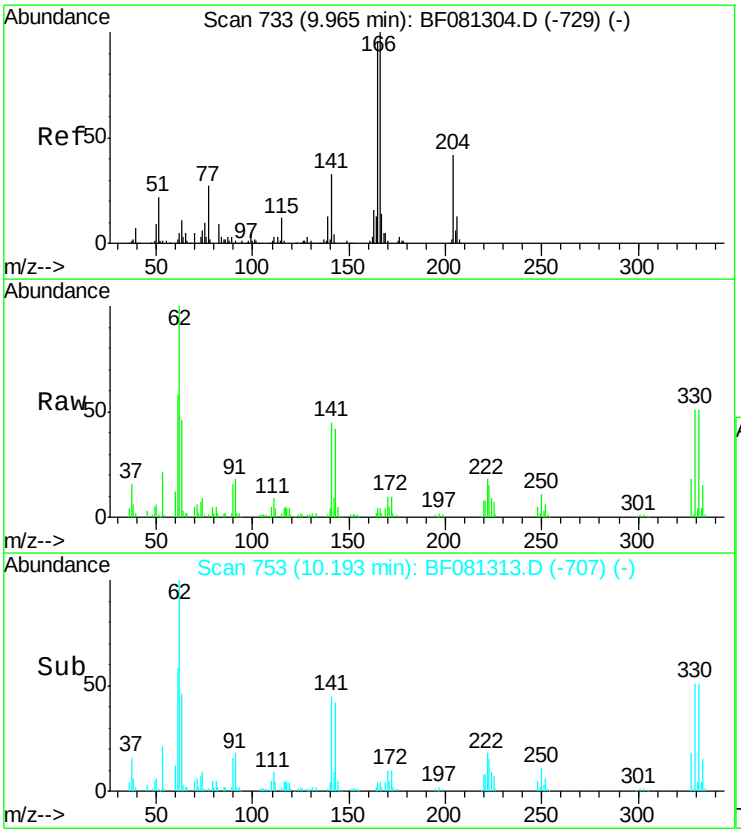
#56
2,4-Dinitrotoluene
Concen: 5.66 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.22 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13513

Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

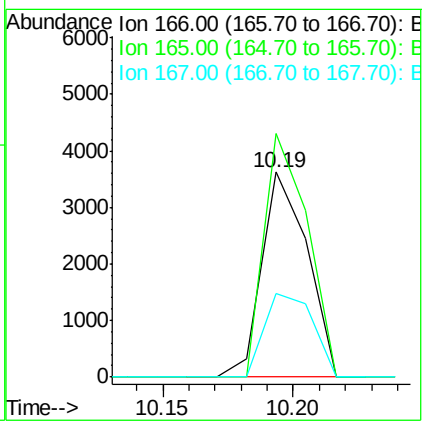


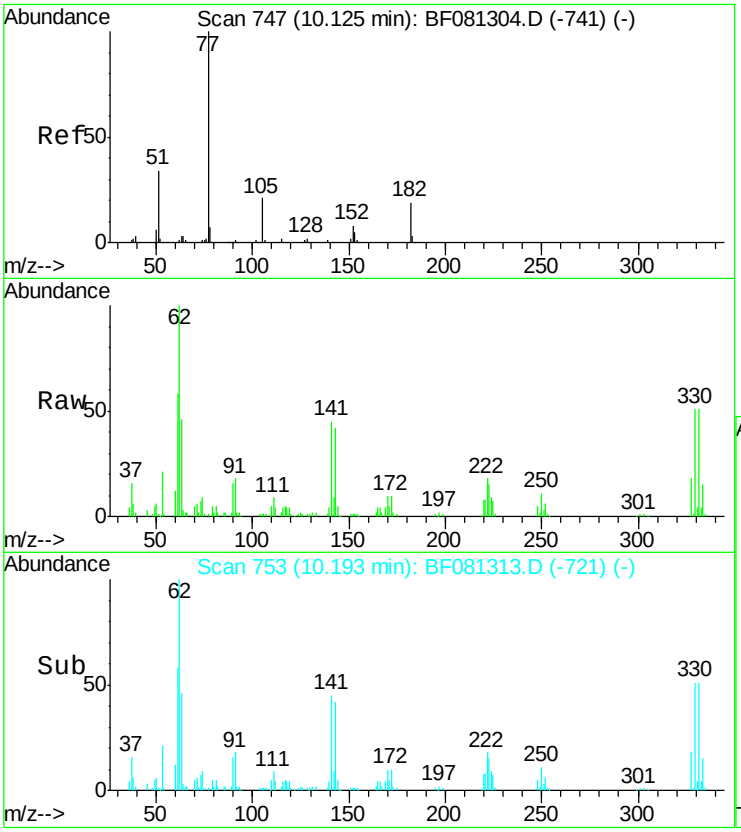


#57
Fluorene
Concen: 0.56 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.23 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Tgt Ion:166 Resp: 4394

Ion	Ratio	Lower	Upper
166	100		
165	118.9	72.6	109.0#
167	41.0	10.6	16.0#



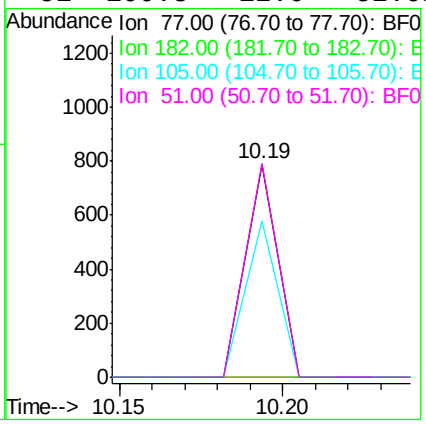


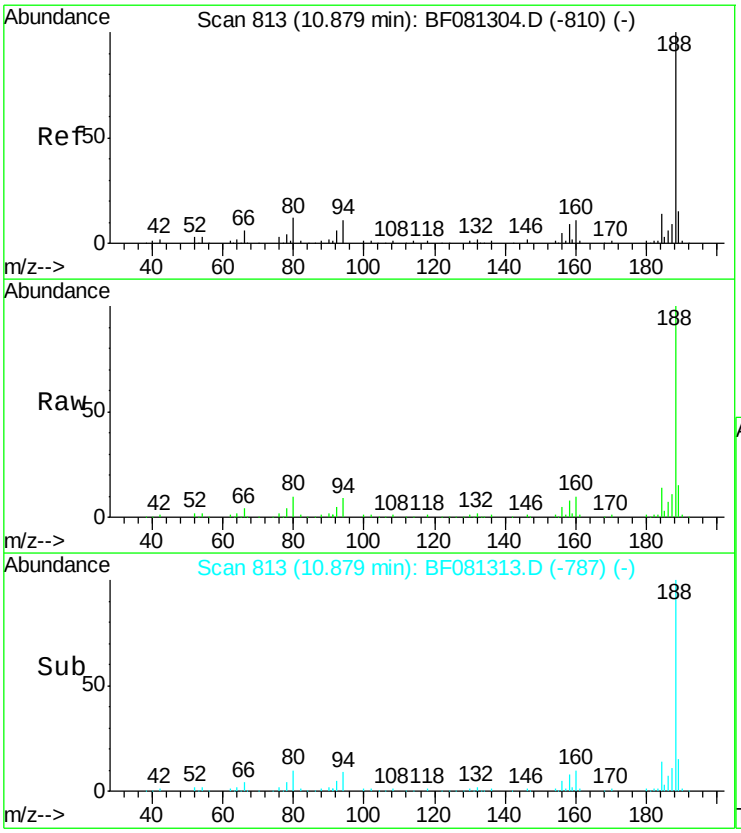
#62
Azobenzene
Concen: 0.06 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.07 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 541

Ion	Ratio	Lower	Upper
77	100		
182	0.0	15.1	55.1#
105	73.3	3.4	43.4#
51	100.3	12.0	52.0#

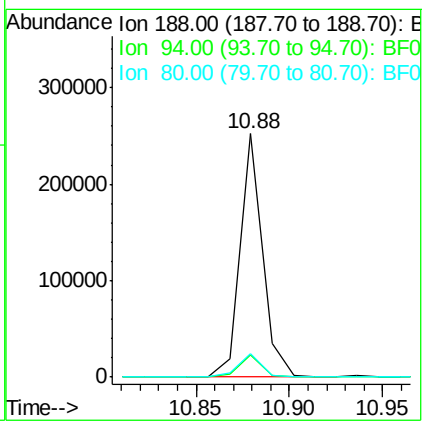


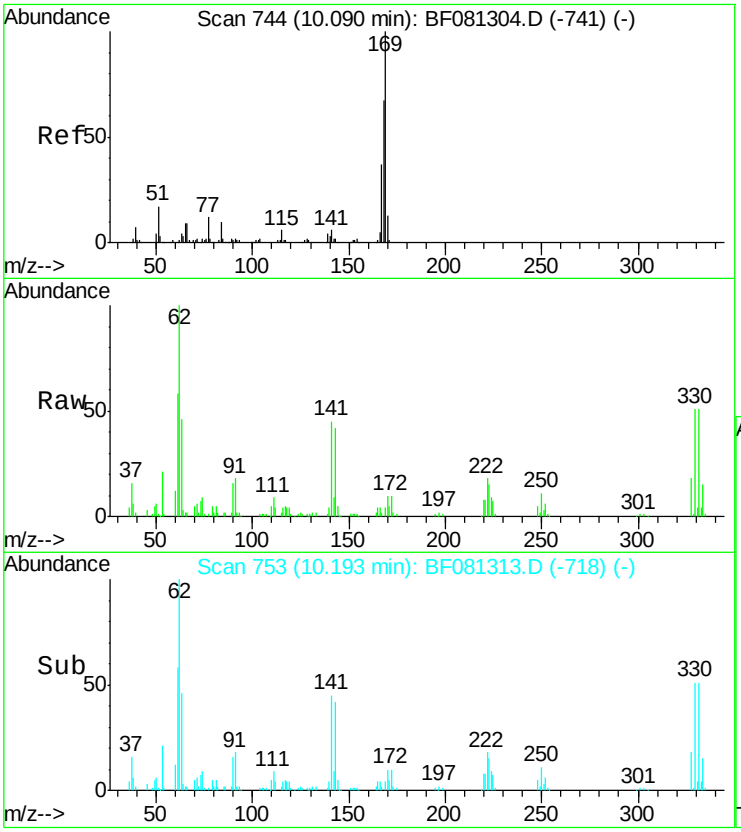


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Tgt Ion:188 Resp: 211764

Ion	Ratio	Lower	Upper
188	100		
94	9.1	11.1	16.7#
80	9.8	11.0	16.4#



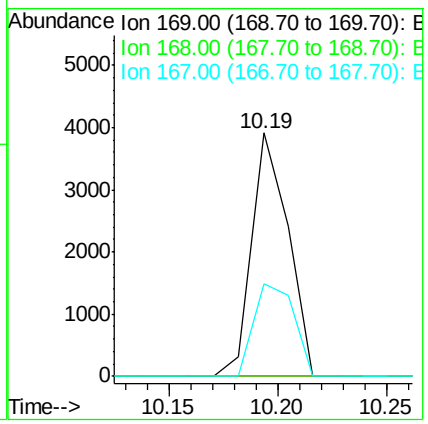


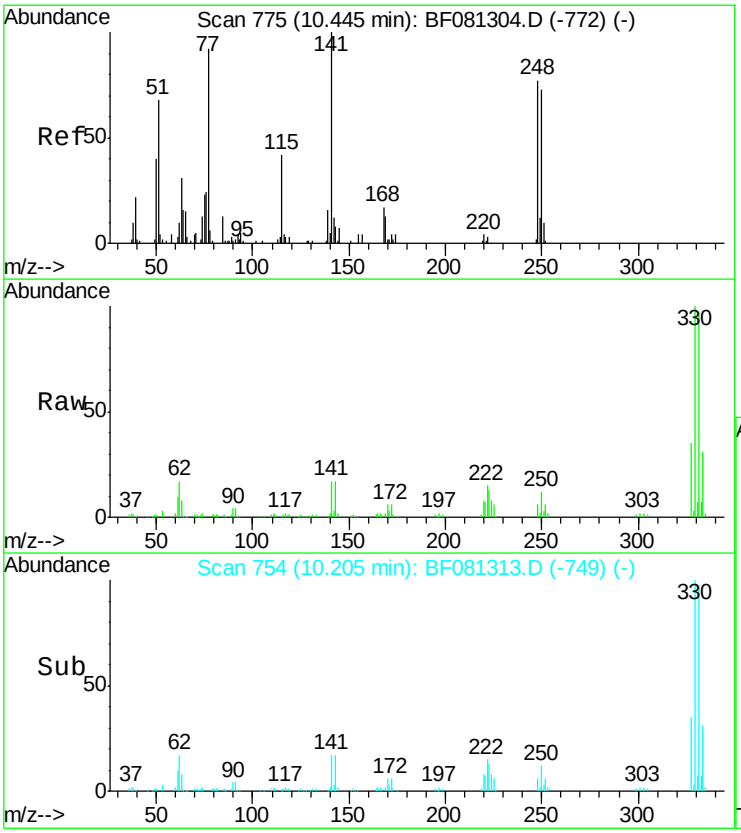
#65
n-Nitrosodiphenylamine
Concen: 0.59 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.10 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 4569

Ion	Ratio	Lower	Upper
169	100		
168	0.0	48.9	73.3#
167	37.9	26.2	39.4

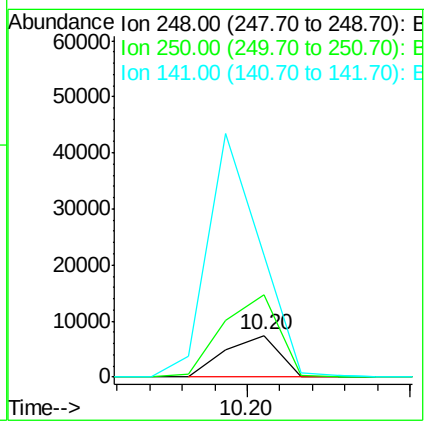


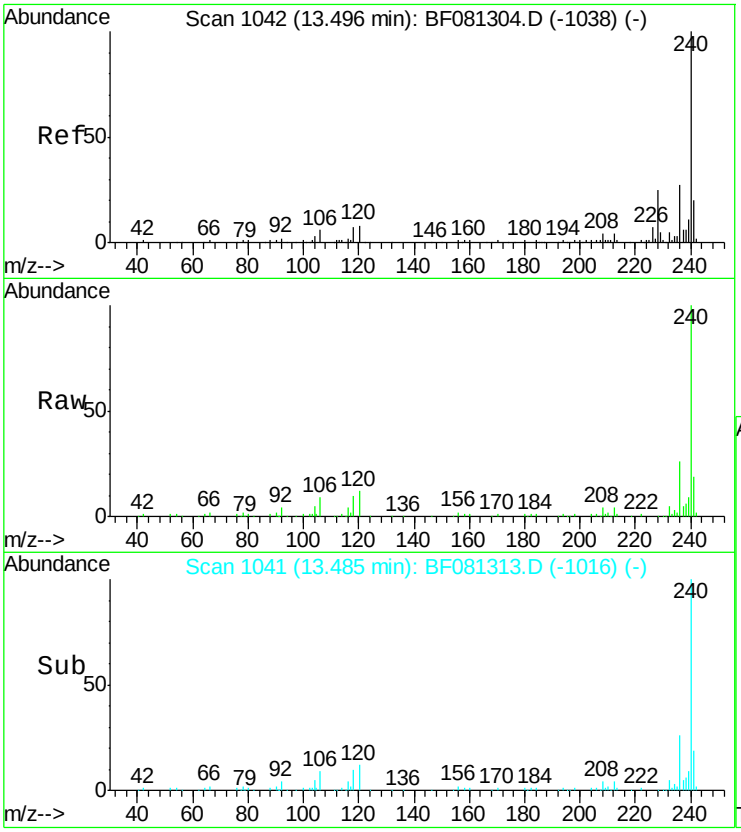


#66
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.24 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Tgt Ion:248 Resp: 8436

Ion	Ratio	Lower	Upper
248	100		
250	197.2	78.5	117.7#
141	295.1	59.0	88.6#



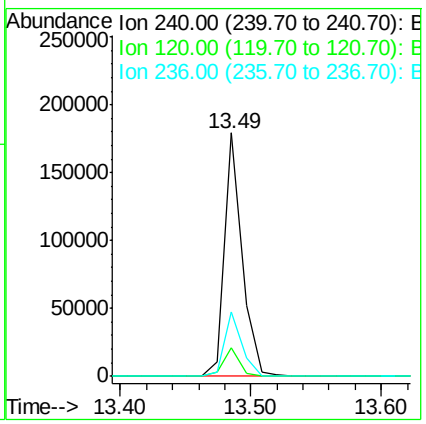


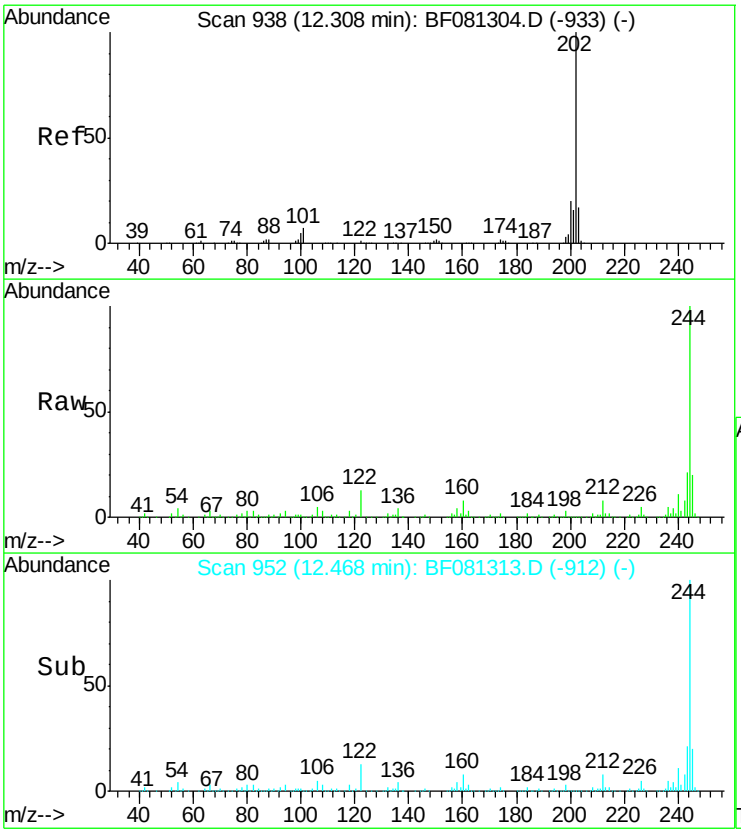
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.49 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 169002

Ion	Ratio	Lower	Upper
240	100		
120	11.7	16.2	24.2#
236	26.3	18.4	27.6

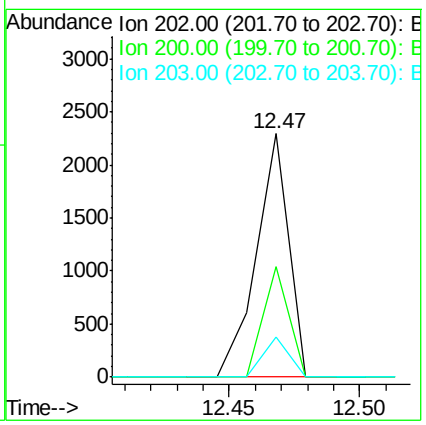


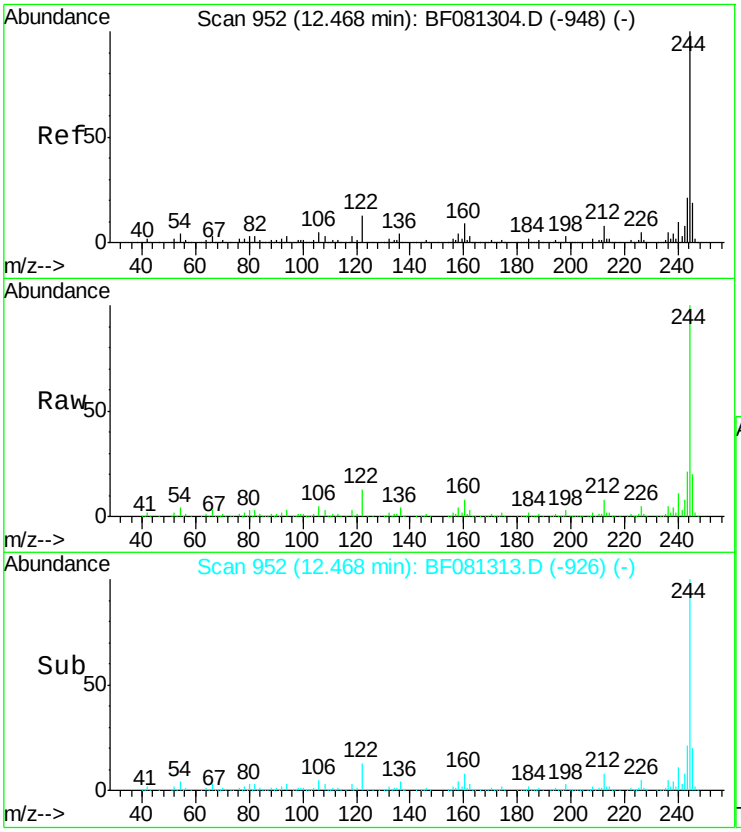


#77
Pyrene
Concen: 0.16 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.16 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Tgt Ion:202 Resp: 1992

Ion	Ratio	Lower	Upper
202	100		
200	45.2	15.0	22.4#
203	16.5	14.1	21.1



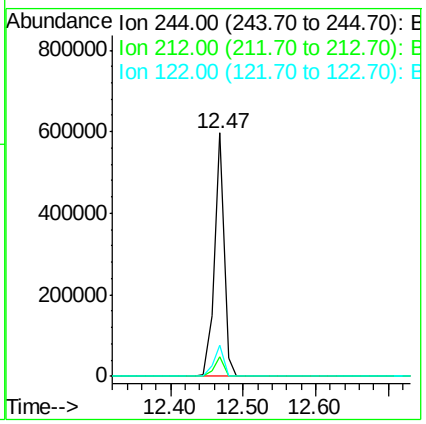


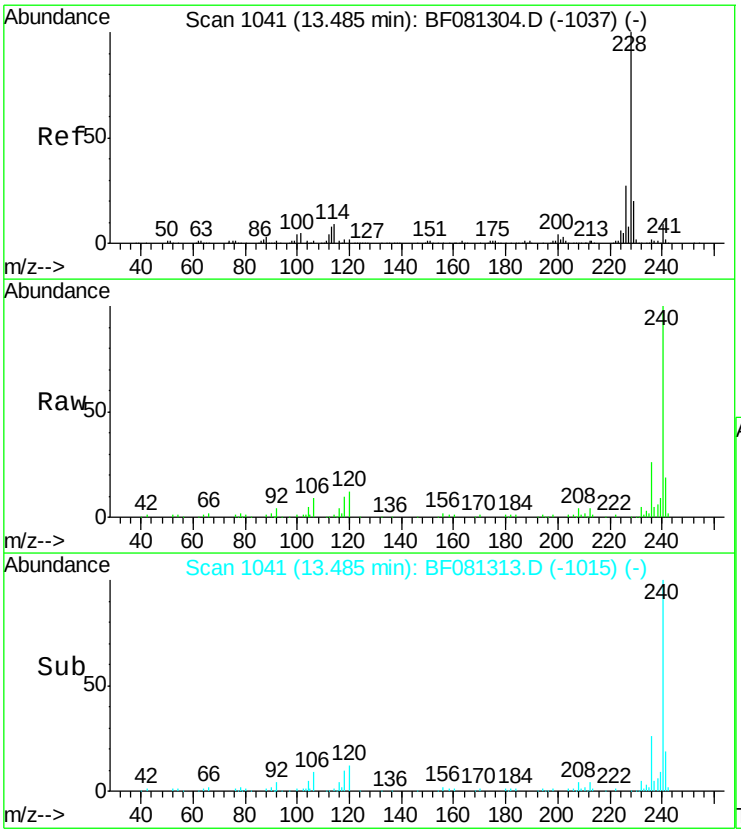
#78
Terphenyl-d14
Concen: 75.67 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 549398

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	13.0	17.4	26.2#

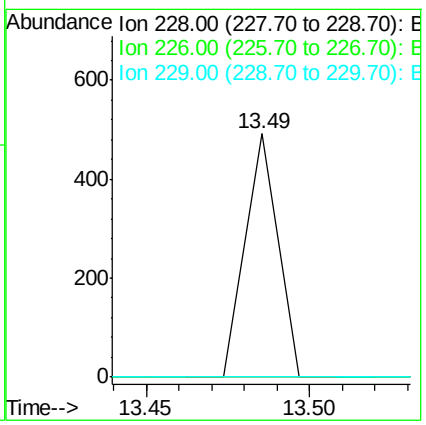


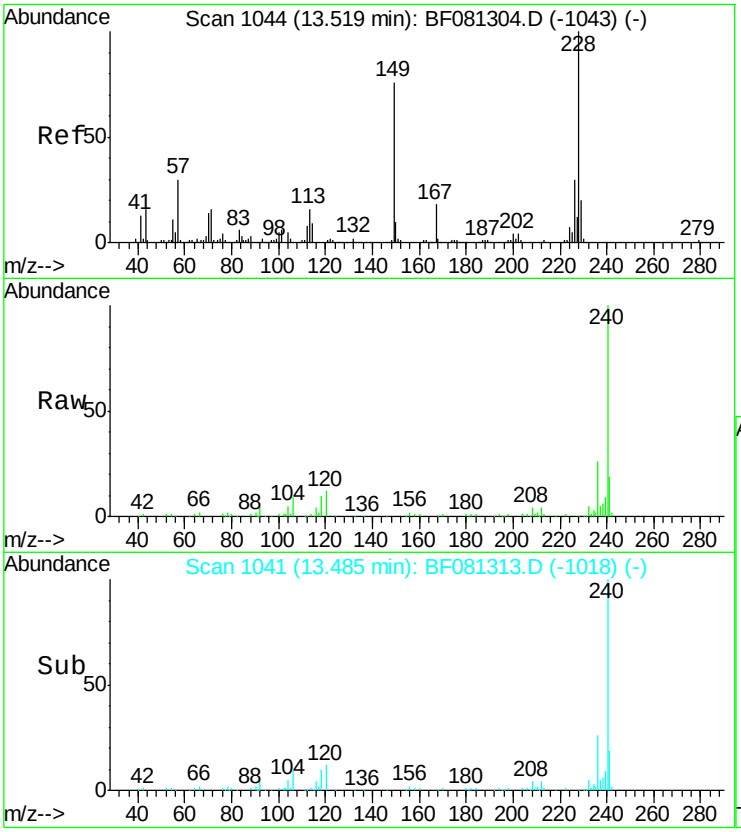


#80
Benzo(a)anthracene
Concen: 0.03 ng
RT: 13.49 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Tgt Ion:228 Resp: 337

Ion	Ratio	Lower	Upper
228	100		
226	0.0	20.0	30.0#
229	0.0	15.4	23.2#



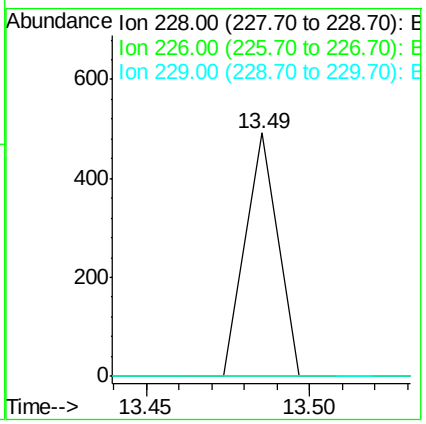


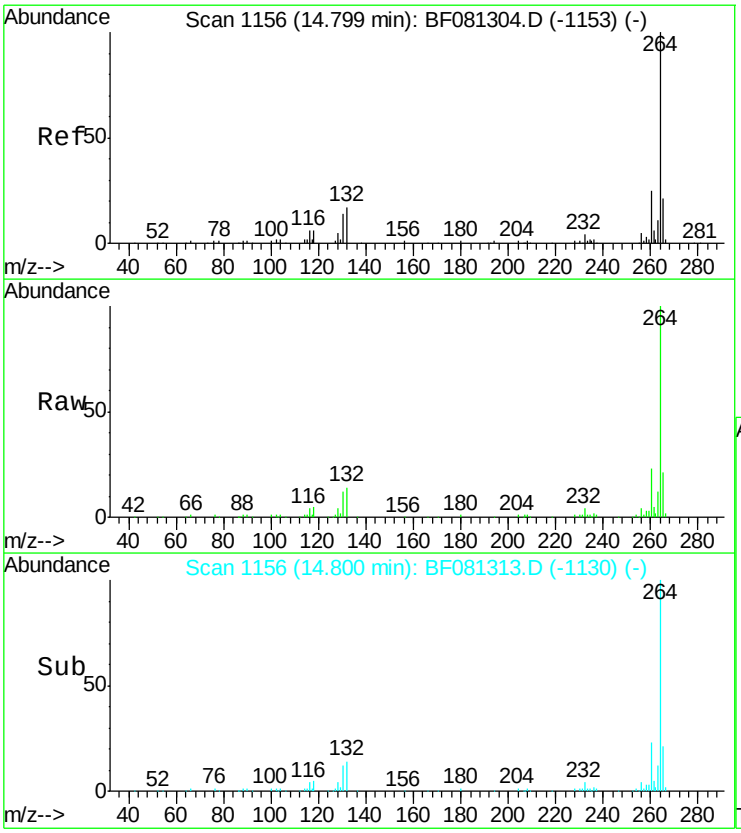
#82
Chrysene
Concen: 0.03 ng
RT: 13.49 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 337

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.0	31.4#
229	0.0	15.6	23.4#

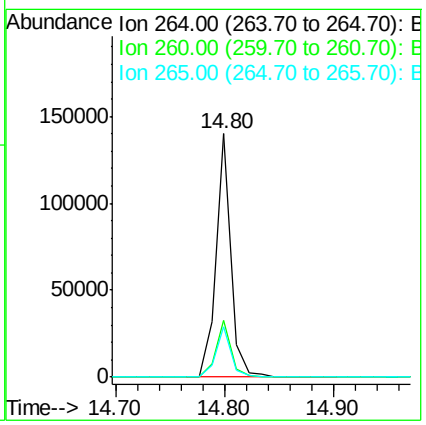


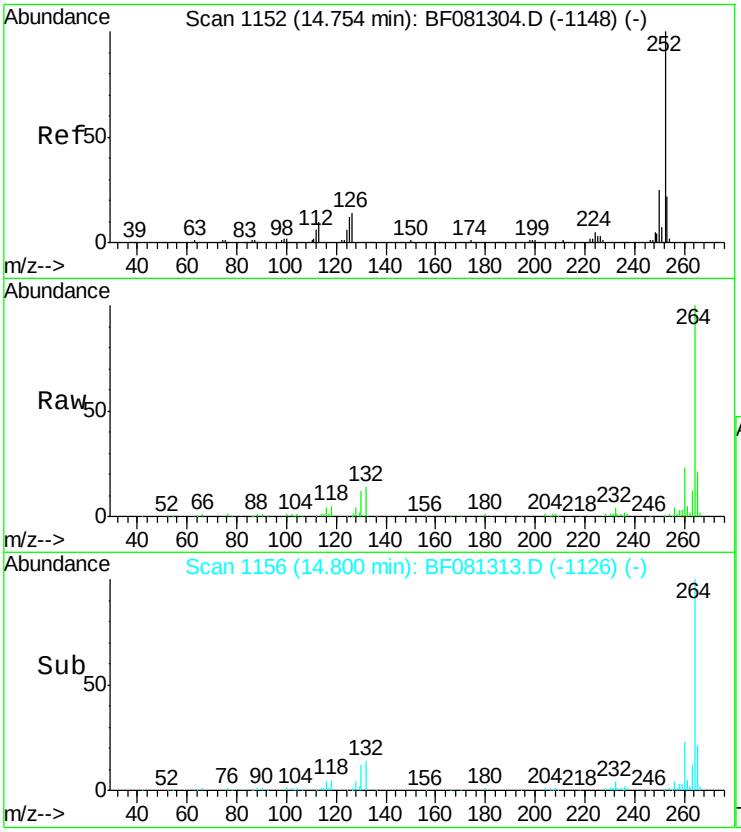


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Tgt Ion:264 Resp: 135048

Ion	Ratio	Lower	Upper
264	100		
260	23.4	16.7	25.1
265	20.7	17.2	25.8





#89
Benzo(a)pyrene
Concen: 0.04 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.05 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 353

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.2	25.8#
125	0.0	18.0	27.0#