Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Time: Sep 07 01:59:06 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	6.35	152	50301	20.00	ng		-0.03
21) Naphthalene-d8	7.64	136	185908	20.00	ng		-0.03
38) Acenaphthene-d10	9.39	164	78807	20.00	ng		-0.02
63) Phenanthrene-d10	10.86	188	130578	20.00	ng		-0.02
75) Chrysene-d12	13.47	240	105417	20.00	ng		-0.02
86) Perylene-d12	14.78	264	88846	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	310176	95.67	ng		-0.02
7) Phenol-d6	6.03	99	466878	108.79	ng		-0.02
23) Nitrobenzene-d5	6.94	82	284003	73.70	ng		-0.03
41) 2,4,6-Tribromophenol	10.17	330	57095	81.37	ng		-0.03
44) 2-Fluorobiphenyl	8.73	172	391935	63.73	ng		-0.03
78) Terphenyl-d14	12.43	244	233690	51.60	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.94	70	42061	14.40	ng	#	64
25) Isophorone	6.94	82	212476	29.65	ng	#	59
31) Naphthalene	7.67	128	119724	12.08	ng		98
32) Benzoic acid	7.48	122	1482	3.19	ng	#	1
35) Caprolactam	8.10	113	4626	5.77	ng	#	1
37) 2-Methylnaphthalene	8.36	142	118465	18.36	ng	#	91
45) 1,1'-Biphenyl	8.82	154	19248	2.65	ng		96
48) Acenaphthylene	9.24	152	53718	5.78	ng	#	92
49) Dimethylphthalate	9.14	163	110820	18.10	ng	#	96
51) Acenaphthene	9.42	154	56664	10.72	ng		90
54) Dibenzofuran	9.59	168	64662	8.38	ng	#	76
55) 4-Nitrophenol	9.59	139	28627	28.80	ng	#	35
57) Fluorene	9.93	166	84506	14.43	ng		98
65) n-Nitrosodiphenylamine	10.06	169	20346	4.28	ng	#	81
66) 4-Bromophenyl-phenylether	10.17	248	4459	3.38	ng	#	1
70) Phenanthrene	10.89	178	854149	117.66	ng		97
71) Anthracene	10.92	178	174872	23.45	ng		96
72) Carbazole	11.10	167	103182	14.74	ng		97
74) Fluoranthene	12.06	202	1005983	128.01	ng		91
77) Pyrene	12.29	202	883950	113.20	ng		98
80) Benzo(a)anthracene	13.46	228	433362	64.55	ng		95
82) Chrysene	13.46	228	433362	72.01	ng		97
83) Bis(2-ethylhexyl)phthalate	13.50	149	25523	5.69	ng	#	92
85) Indeno(1,2,3-cd)pyrene	15.86	276	161092	36.49	ng	#	81
87) Benzo(b)fluoranthene	14.46	252	632836	99.77	ng	#	86
88) Benzo(k)fluoranthene	14.46	252	632836	120.24	ng	#	87
89) Benzo(a)pyrene	14.73	252	321538	59.82	ng	#	87
90) Dibenzo(a,h)anthracene	15.86	278	49634	11.95	ng	#	76
91) Benzo(g,h,i)perylene	16.18	276	135166	34.10	ng	#	73

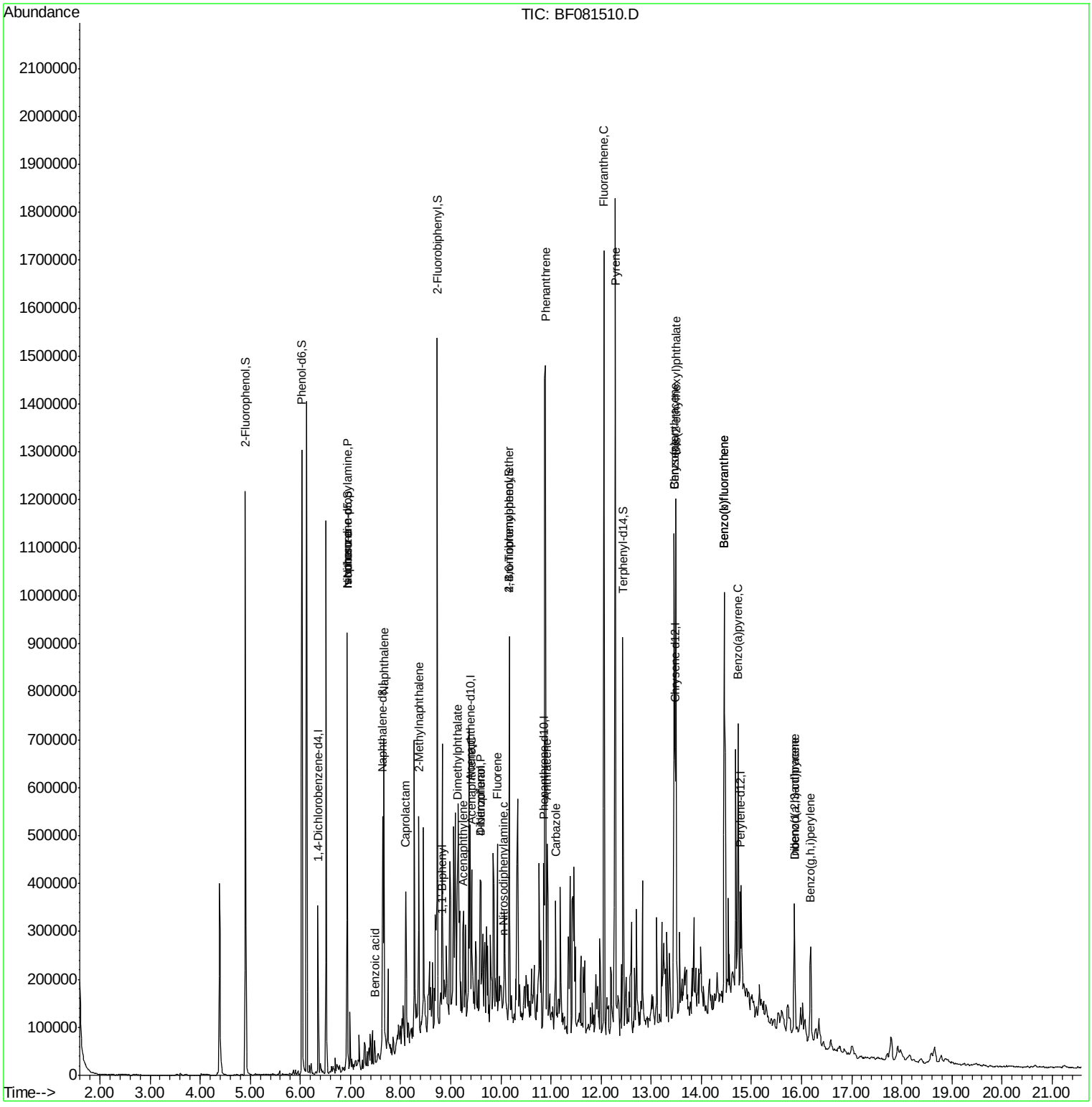
(#) = qualifier out of range (m) = manual integration (+) = signals summed

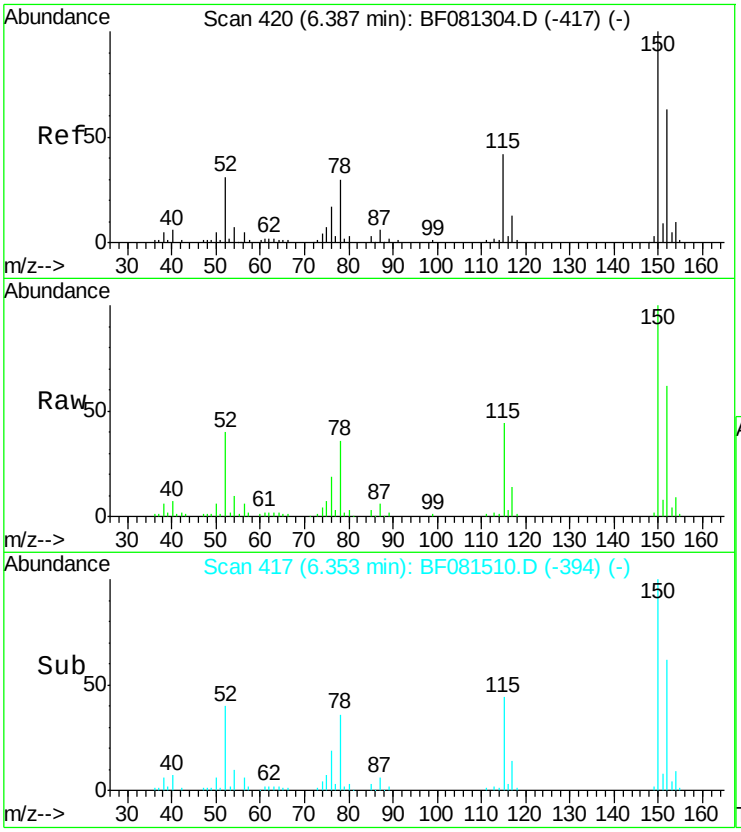
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
Data File : BF081510.D
Acq On : 6 Sep 2015 15:18
Operator : UM/IZ
Sample : G3472-03
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003

Quant Time: Sep 07 01:59:06 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



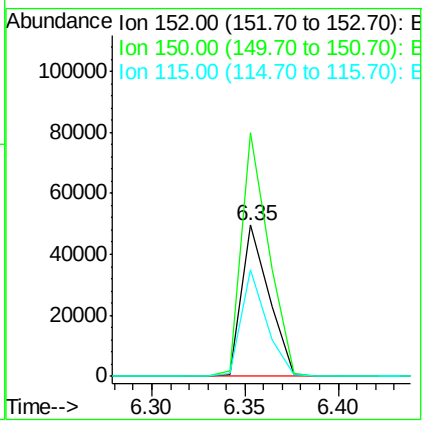


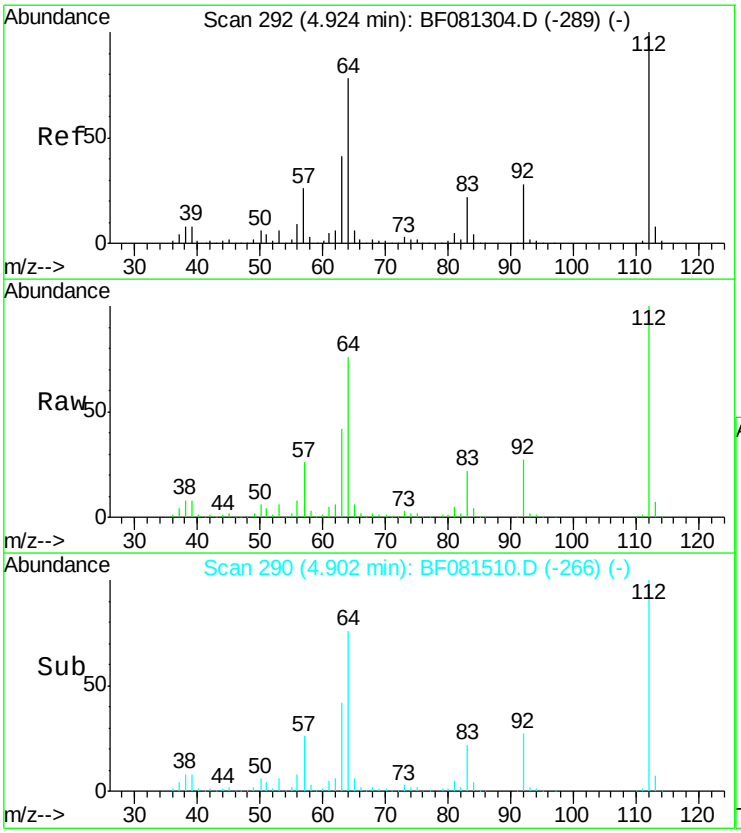
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion:152 Resp: 50301

Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.7	187.1
115	70.4	39.0	58.4#

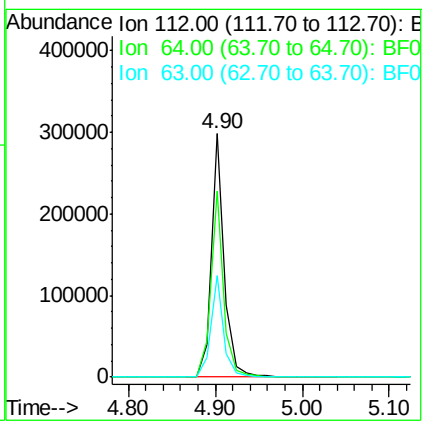


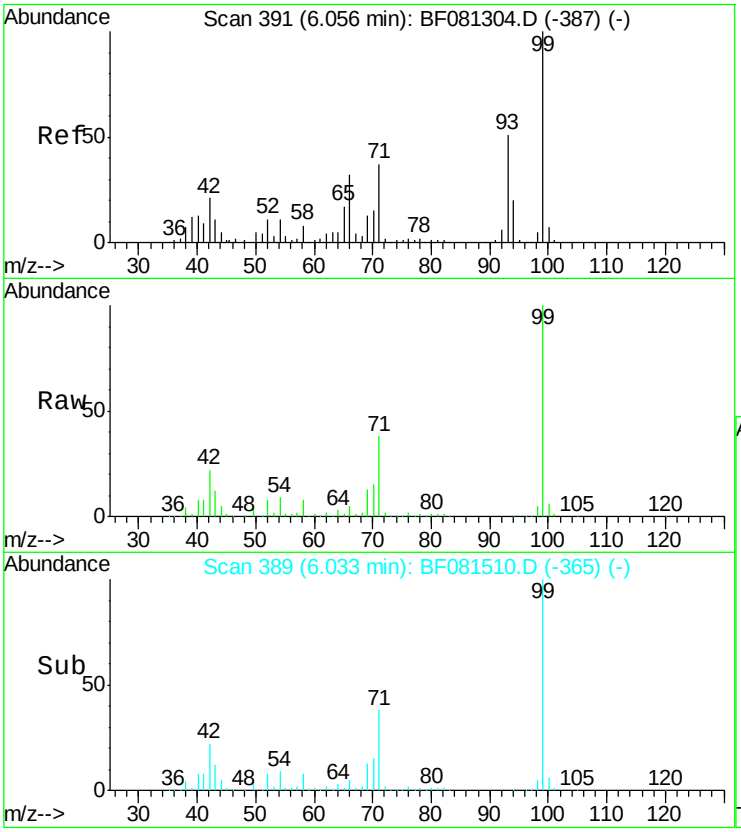


#5
2-Fluorophenol
Concen: 95.67 ng
RT: 4.90 min Scan# 290
Delta R.T. -0.02 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Tgt Ion:112 Resp: 310176

Ion	Ratio	Lower	Upper
112	100		
64	76.4	39.7	59.5#
63	41.6	17.4	26.0#



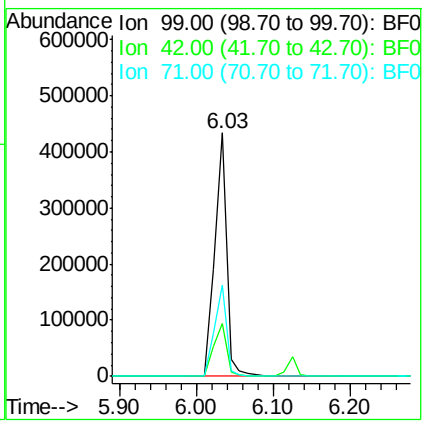


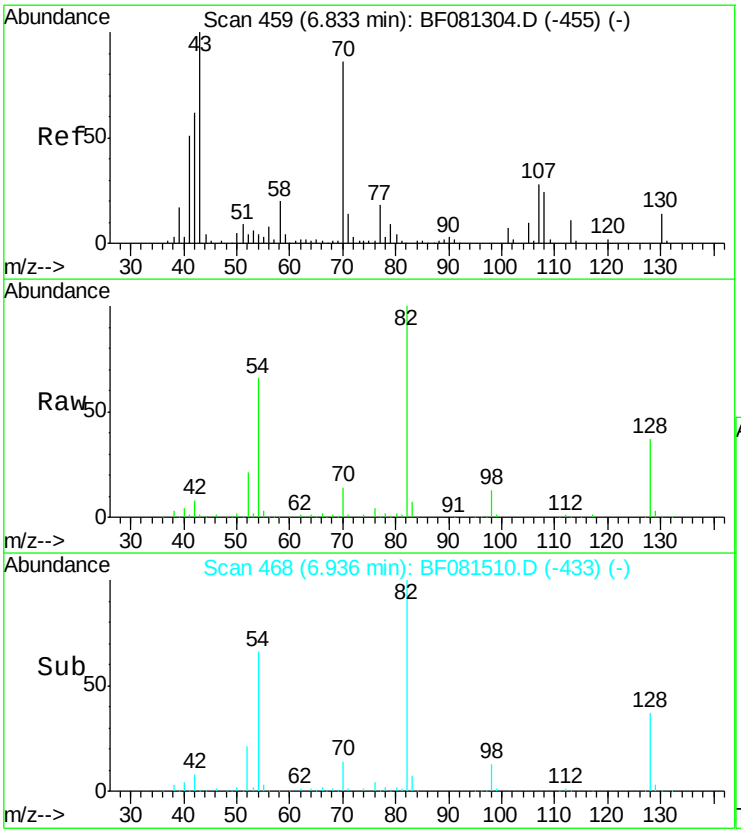
#7
Phenol-d6
Concen: 108.79 ng
RT: 6.03 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion: 99 Resp: 466878

Ion	Ratio	Lower	Upper
99	100		
42	21.8	13.7	20.5#
71	37.7	14.2	21.2#

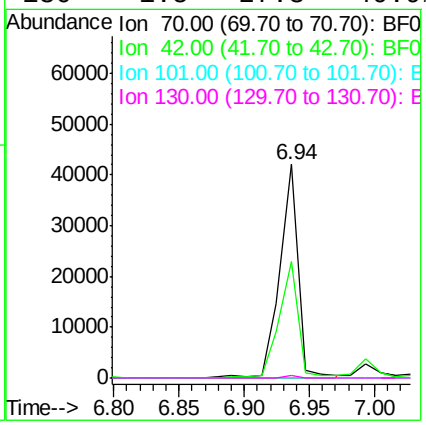


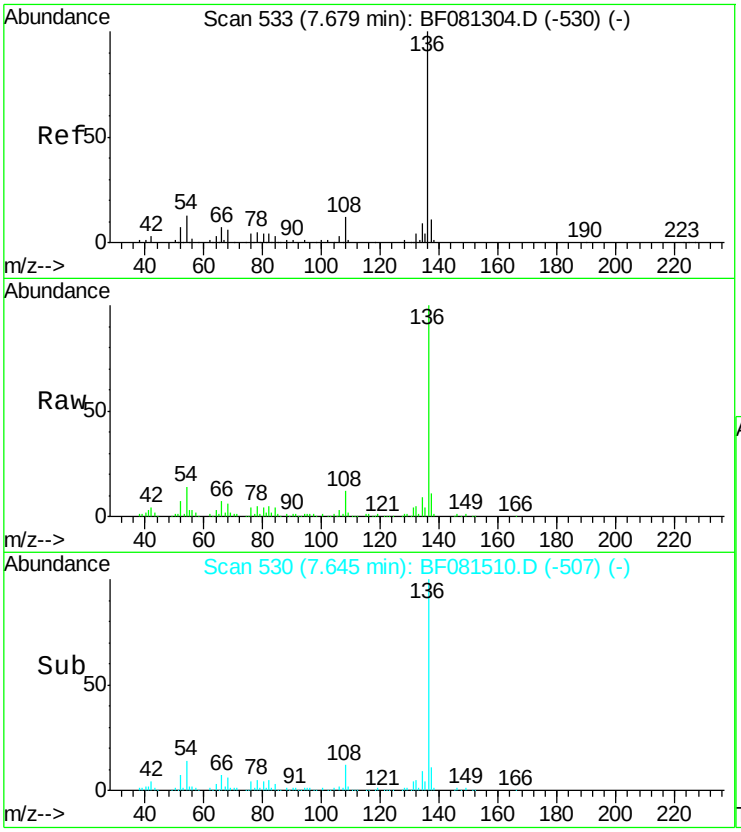


#19
n-Nitroso-di-n-propylamine
Concen: 14.40 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.10 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Tgt Ion: 70 Resp: 42061

Ion	Ratio	Lower	Upper
70	100		
42	54.8	63.8	95.6#
101	0.0	9.2	13.8#
130	1.5	27.3	40.9#



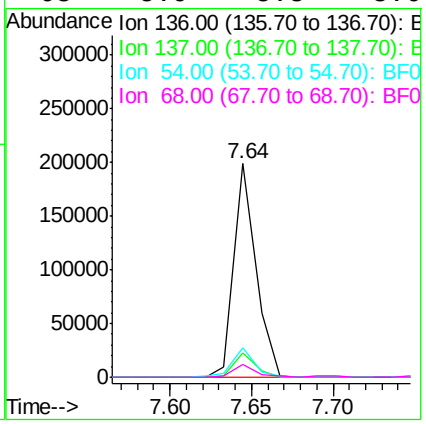


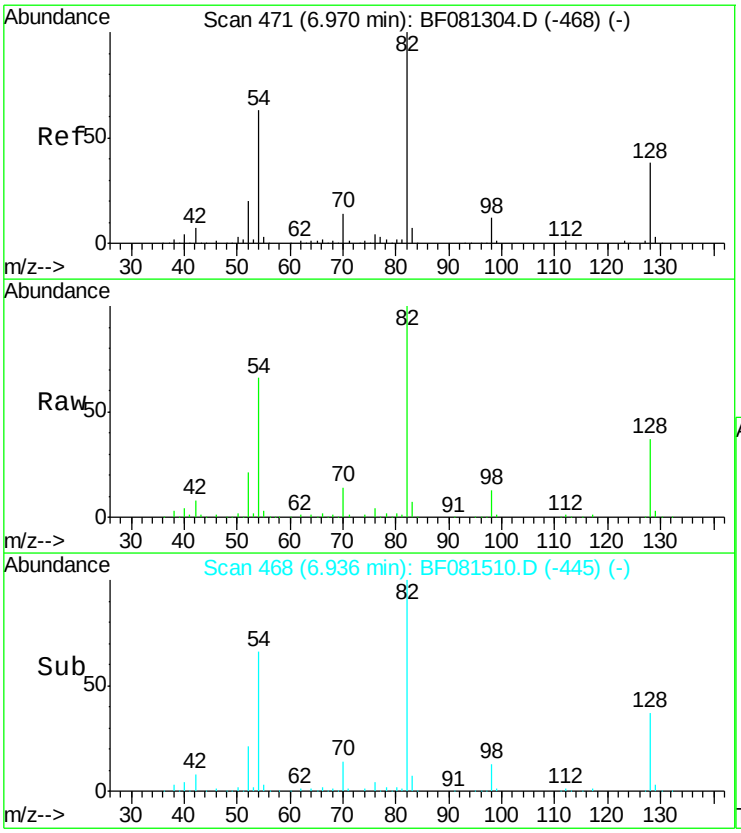
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion:136 Resp: 185908

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	13.9	8.2	12.2#
68	5.9	5.8	8.6

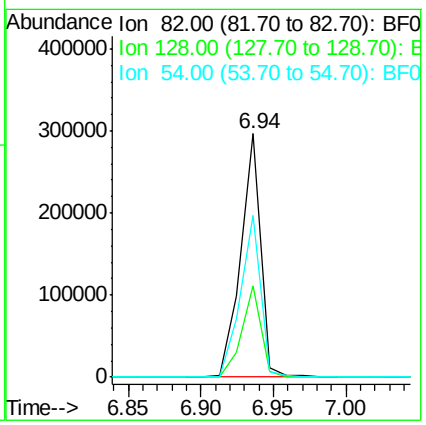


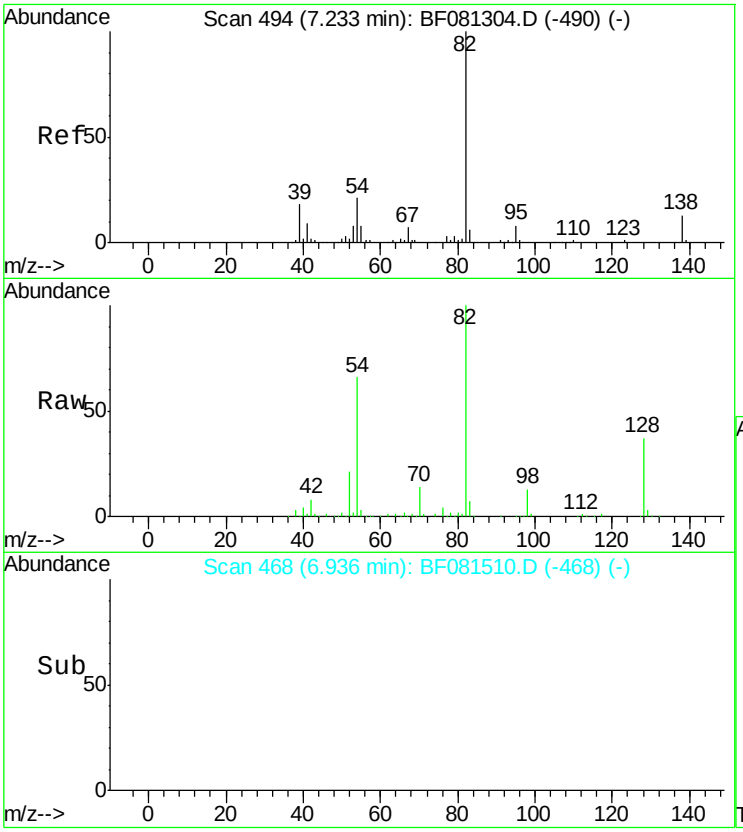


#23
Nitrobenzene-d5
Concen: 73.70 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Tgt Ion: 82 Resp: 284003

Ion	Ratio	Lower	Upper
82	100		
128	37.5	51.0	76.6#
54	66.3	47.5	71.3



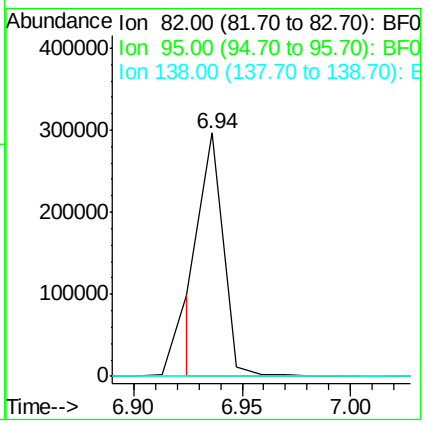


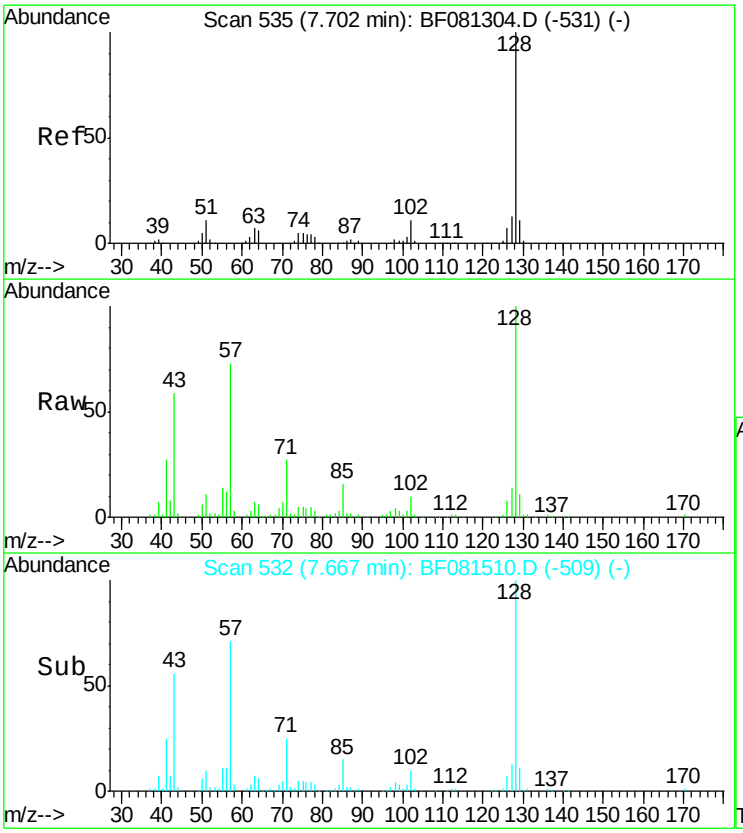
#25
Isophorone
Concen: 29.65 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.30 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion: 82 Resp: 212476

Ion	Ratio	Lower	Upper
82	100		
95	0.2	4.0	6.0#
138	0.0	18.3	27.5#

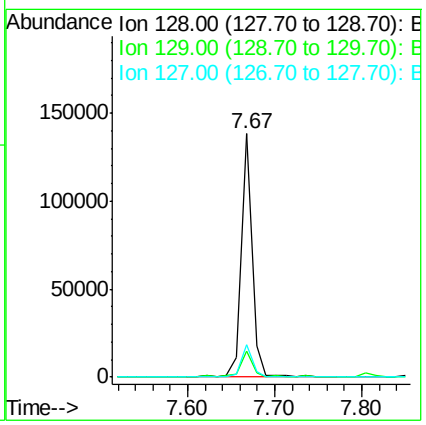


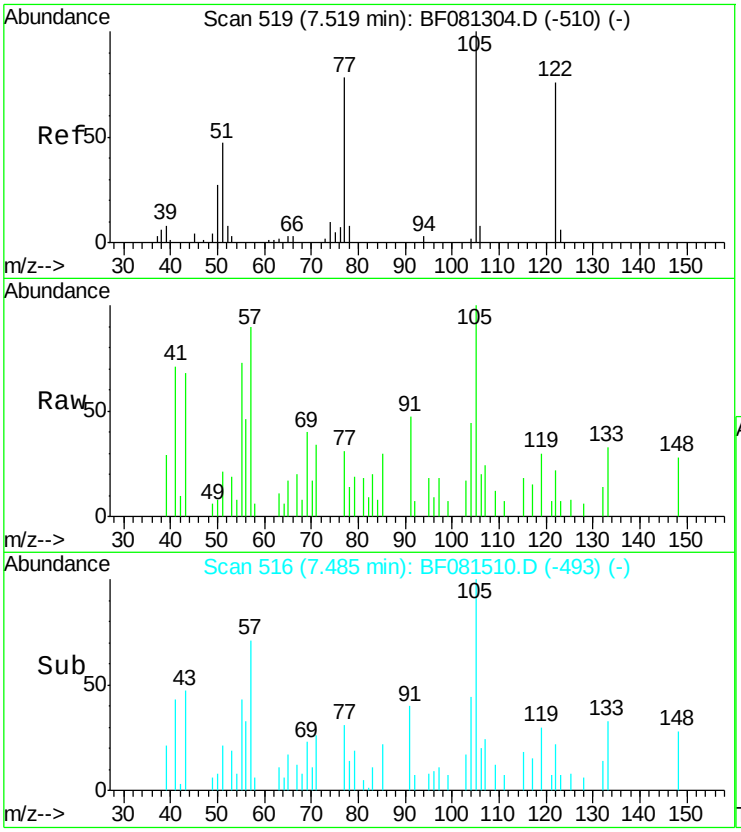


#31
Naphthalene
Concen: 12.08 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Tgt Ion:128 Resp: 119724

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.4	12.6
127	13.6	9.9	14.9



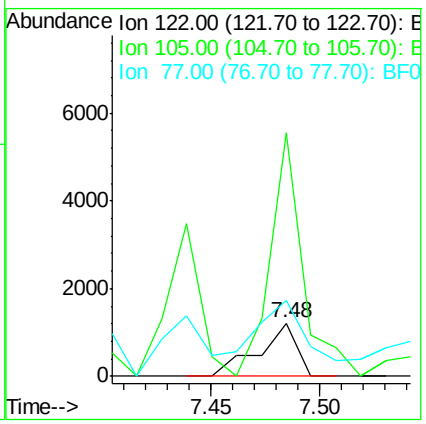


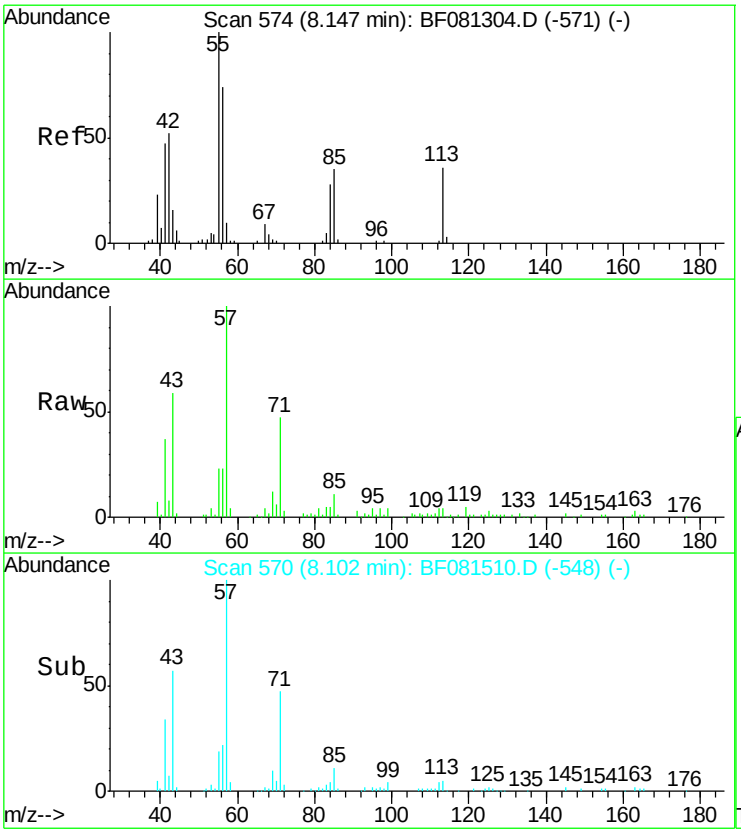
#32
Benzoic acid
Concen: 3.19 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion:122 Resp: 1482

Ion	Ratio	Lower	Upper
122	100		
105	457.4	76.1	116.1#
77	142.2	40.5	80.5#

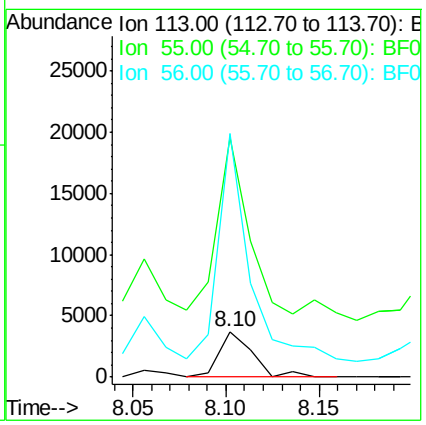


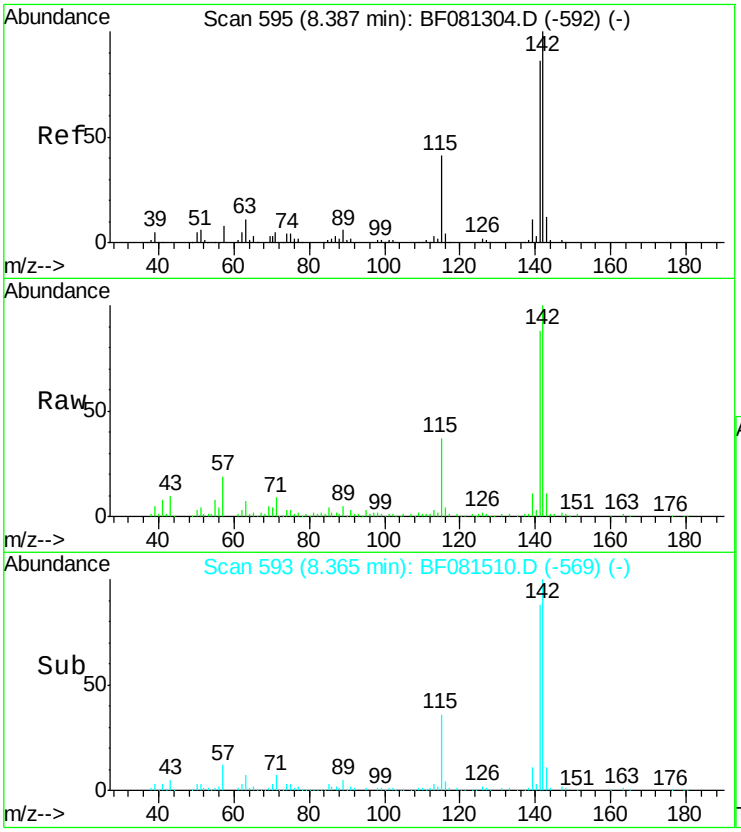


#35
Caprolactam
Concen: 5.77 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.05 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Tgt Ion:113 Resp: 4626

Ion	Ratio	Lower	Upper
113	100		
55	526.9	152.4	192.4#
56	534.0	104.6	144.6#



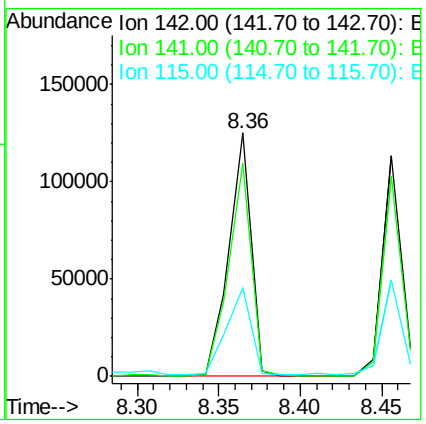


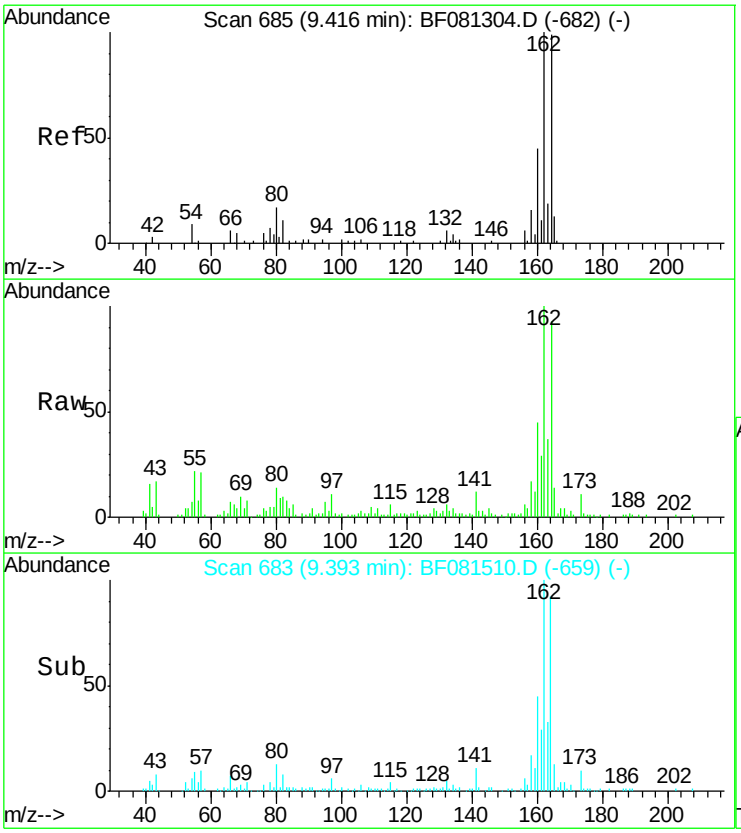
#37
2-Methylnaphthalene
Concen: 18.36 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion:142 Resp: 118465

Ion	Ratio	Lower	Upper
142	100		
141	87.6	67.5	101.3
115	36.7	18.2	27.2#

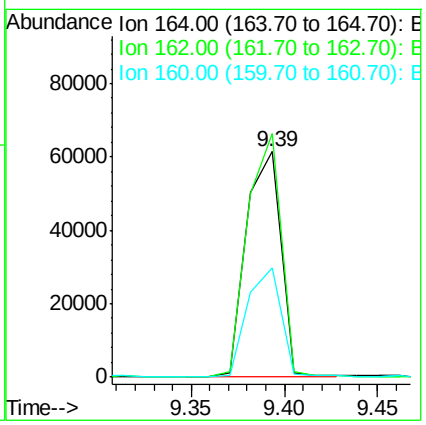


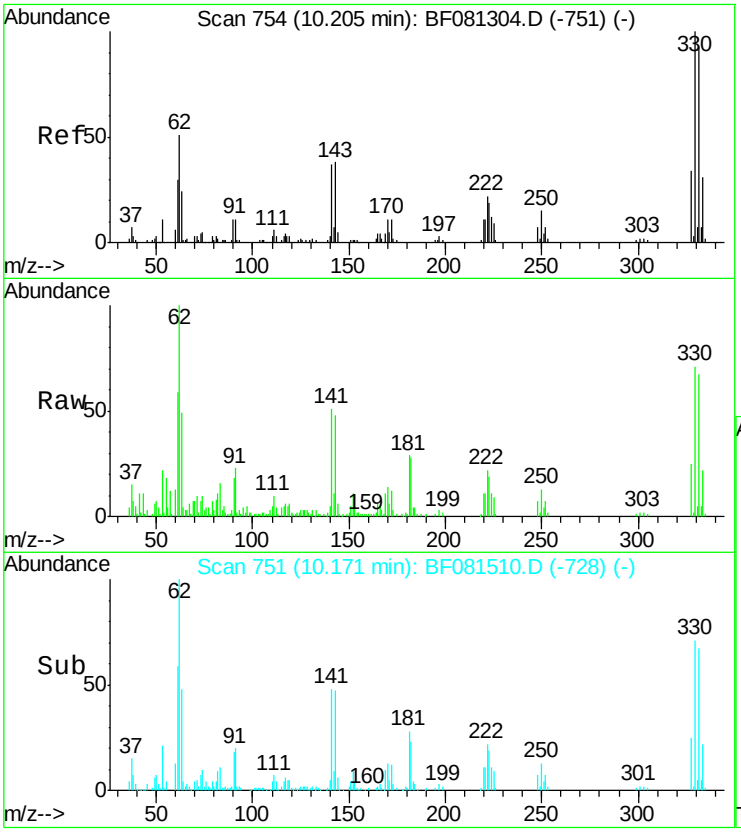


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Tgt Ion:164 Resp: 78807

Ion	Ratio	Lower	Upper
164	100		
162	108.0	75.2	112.8
160	48.4	31.5	47.3#



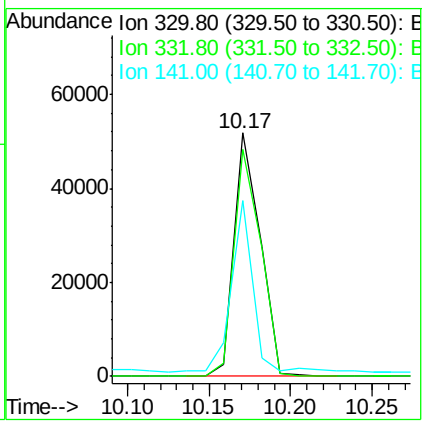


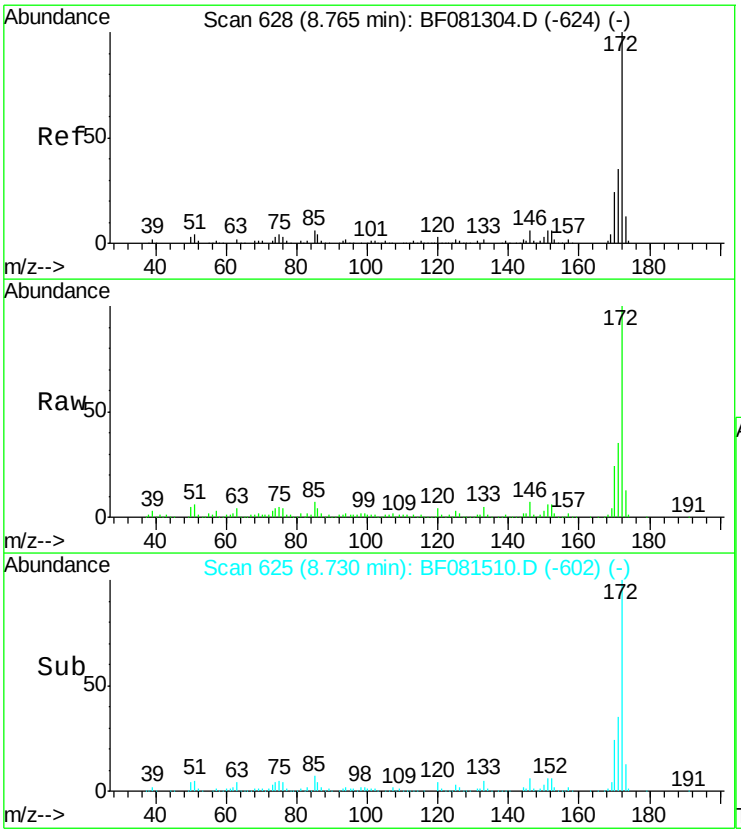
#41
2,4,6-Tribromophenol
Concen: 81.37 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.03 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion:330 Resp: 57095

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	114.8
141	59.4	29.7	44.5#

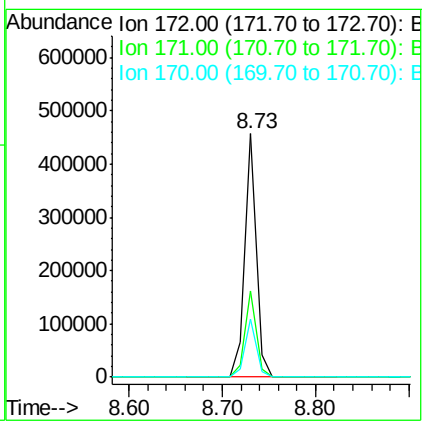


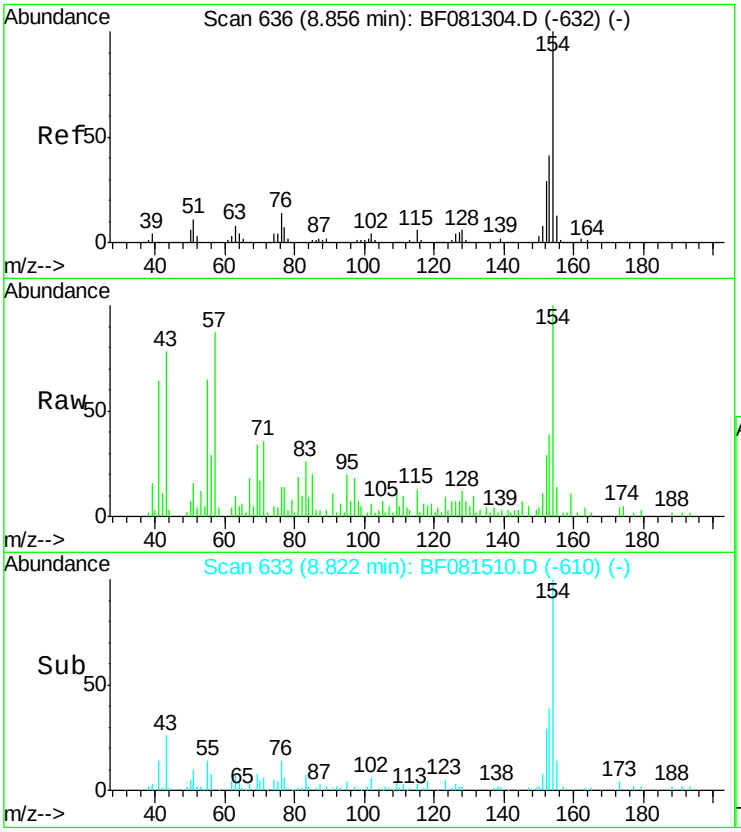


#44
2-Fluorobiphenyl
Concen: 63.73 ng
RT: 8.73 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Tgt Ion:172 Resp: 391935

Ion	Ratio	Lower	Upper
172	100		
171	35.2	26.1	39.1
170	24.1	17.4	26.2



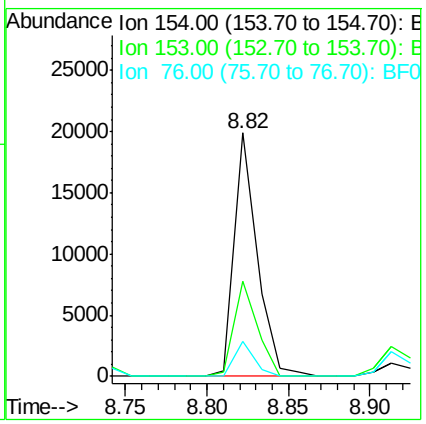


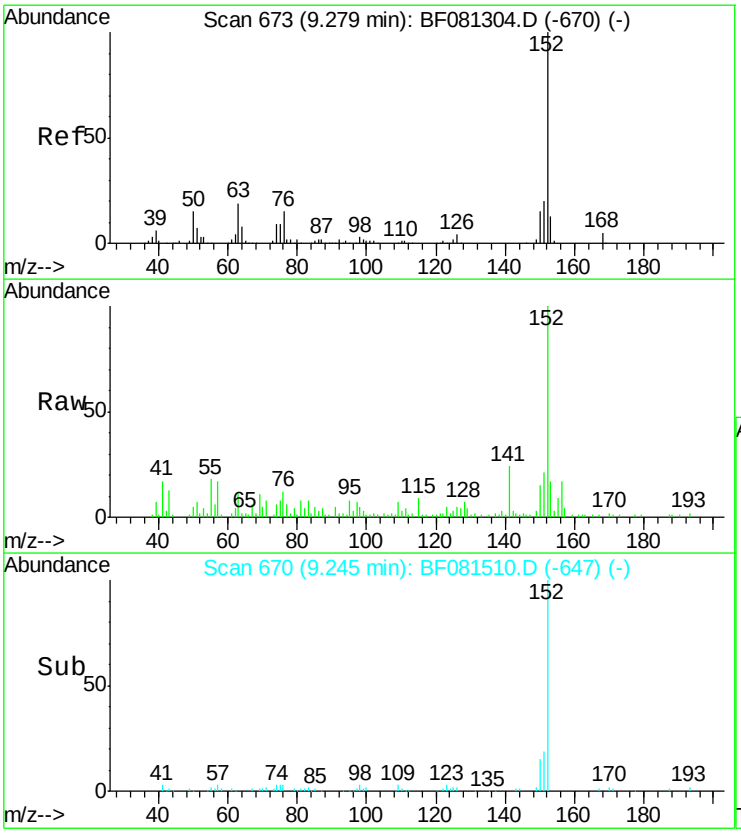
#45
1,1'-Biphenyl
Concen: 2.65 ng
RT: 8.82 min Scan# 633
Delta R.T. -0.03 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion:154 Resp: 19248

Ion	Ratio	Lower	Upper
154	100		
153	38.9	17.1	57.1
76	14.5	0.0	31.6

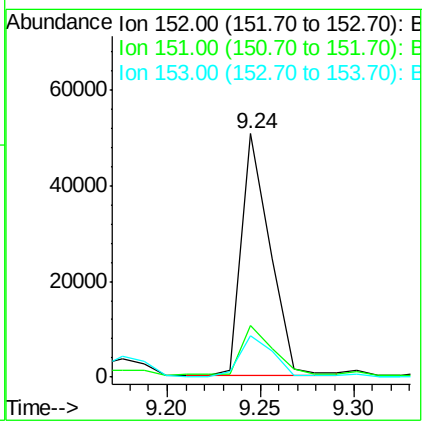


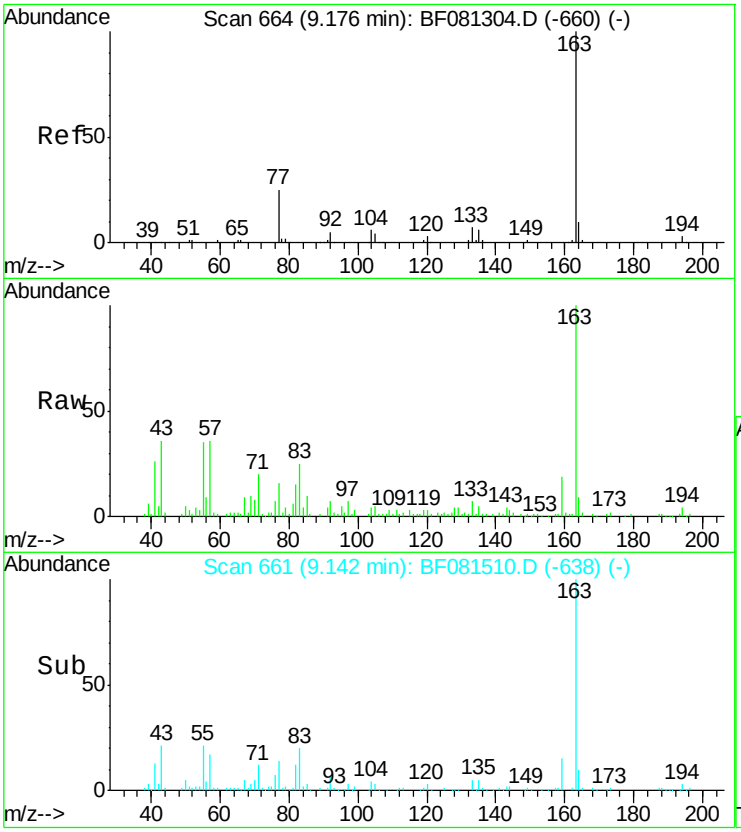


#48
Acenaphthylene
Concen: 5.78 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Tgt Ion:152 Resp: 53718

Ion	Ratio	Lower	Upper
152	100		
151	21.4	14.6	22.0
153	16.9	10.3	15.5#



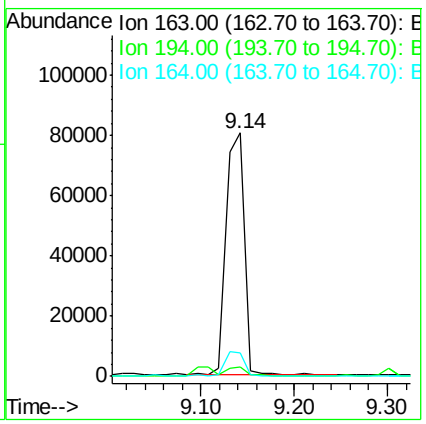


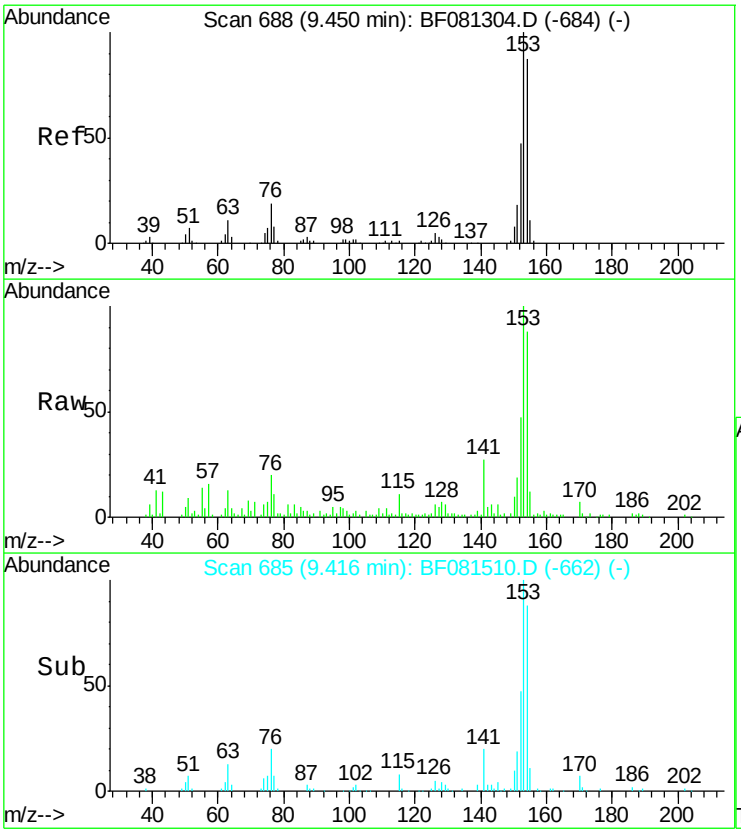
#49
Dimethylphthalate
Concen: 18.10 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion:163 Resp: 110820

Ion	Ratio	Lower	Upper
163	100		
194	3.6	4.4	6.6#
164	9.5	8.3	12.5

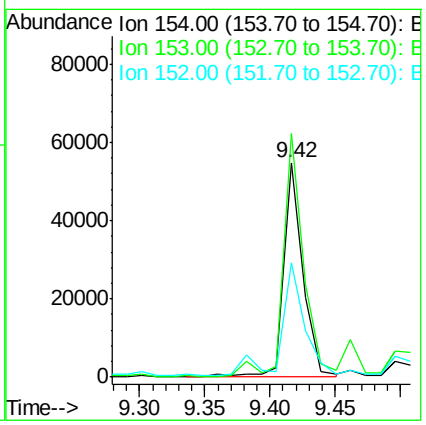


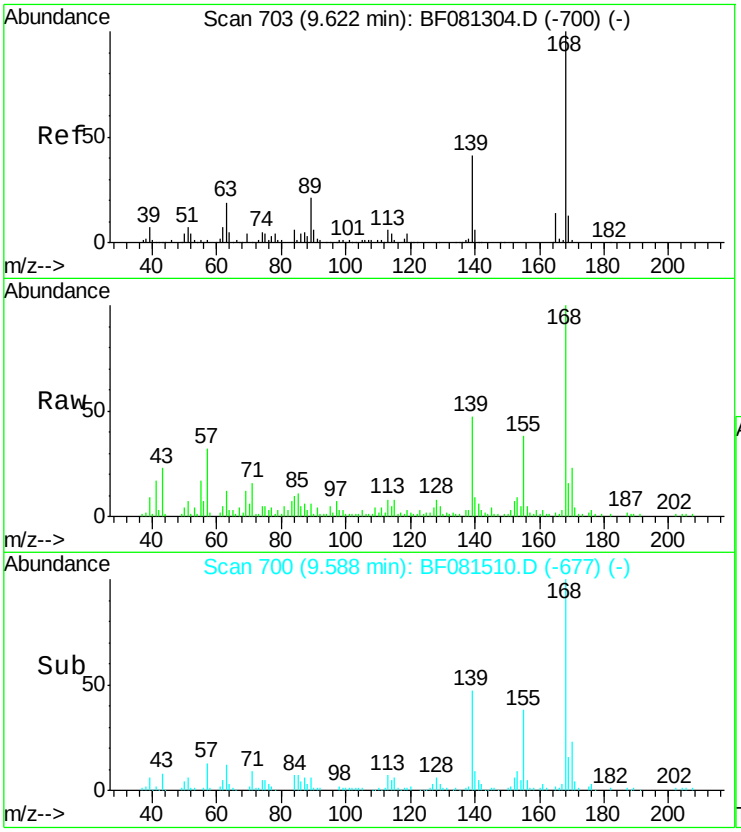


#51
Acenaphthene
Concen: 10.72 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Tgt Ion:154 Resp: 56664

Ion	Ratio	Lower	Upper
154	100		
153	113.4	82.1	123.1
152	53.4	37.9	56.9



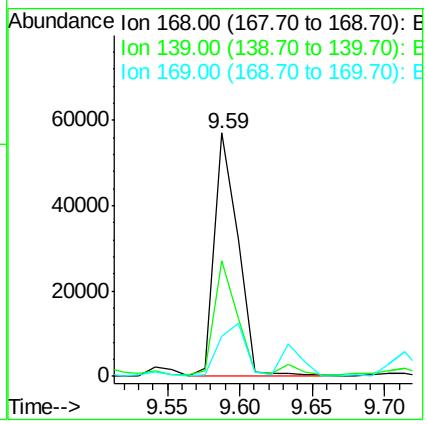


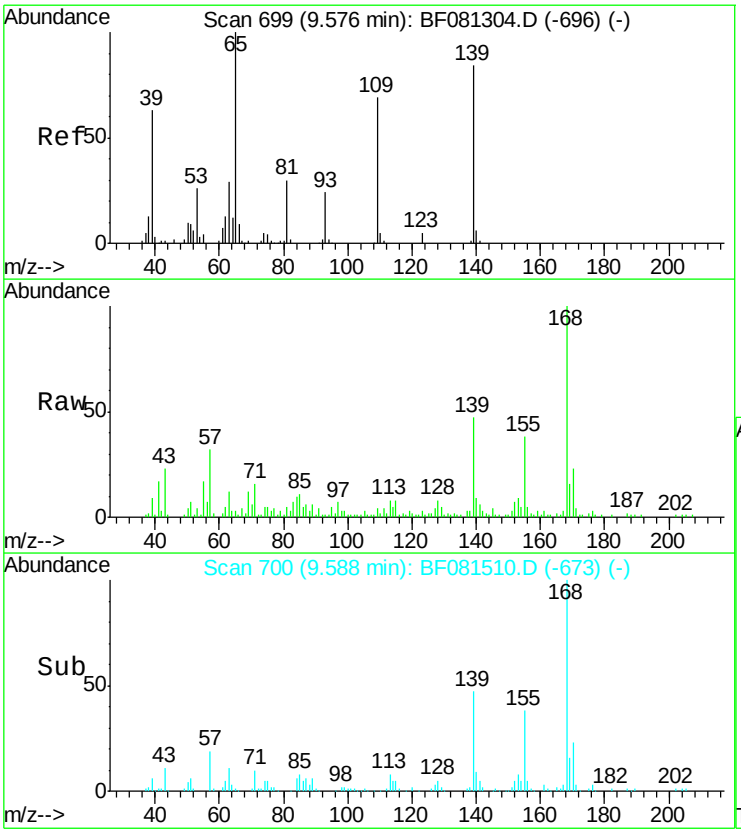
#54
Dibenzofuran
Concen: 8.38 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.03 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion:168 Resp: 64662

Ion	Ratio	Lower	Upper
168	100		
139	47.4	24.2	36.2#
169	16.4	10.6	15.8#

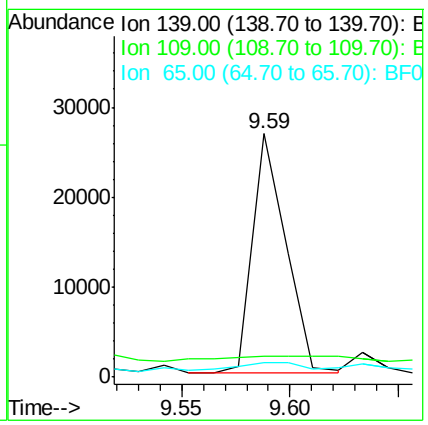


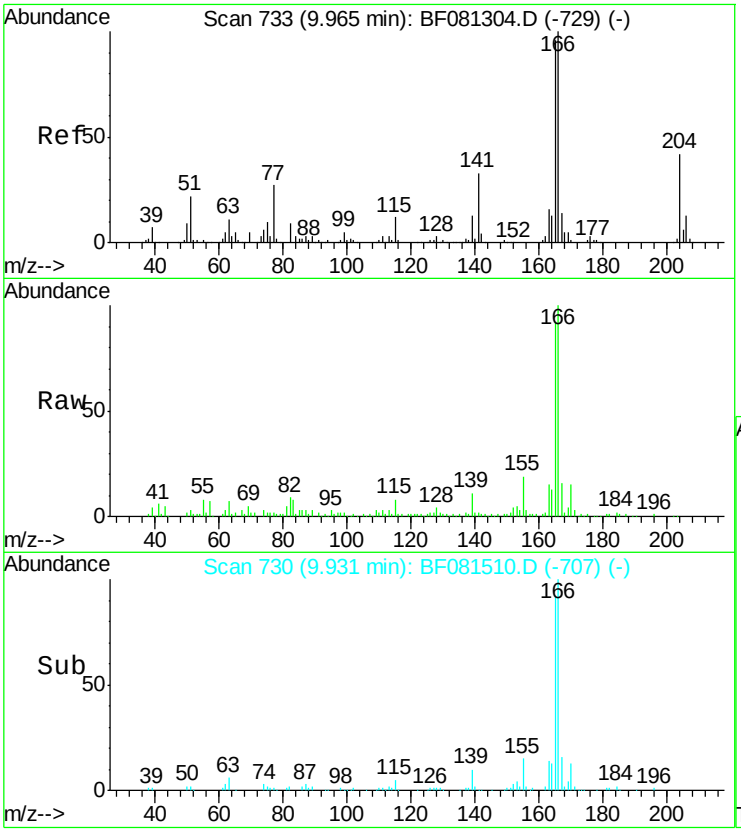


#55
4-Nitrophenol
Concen: 28.80 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Tgt Ion:139 Resp: 28627

Ion	Ratio	Lower	Upper
139	100		
109	8.5	12.7	52.7#
65	6.0	45.9	85.9#



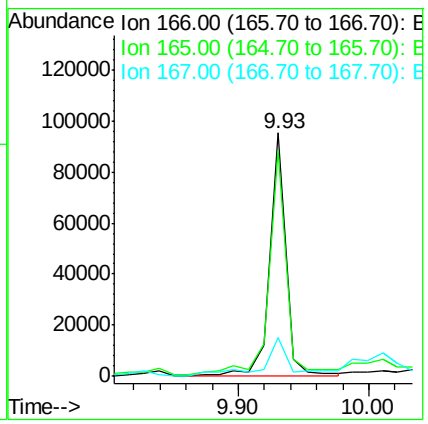


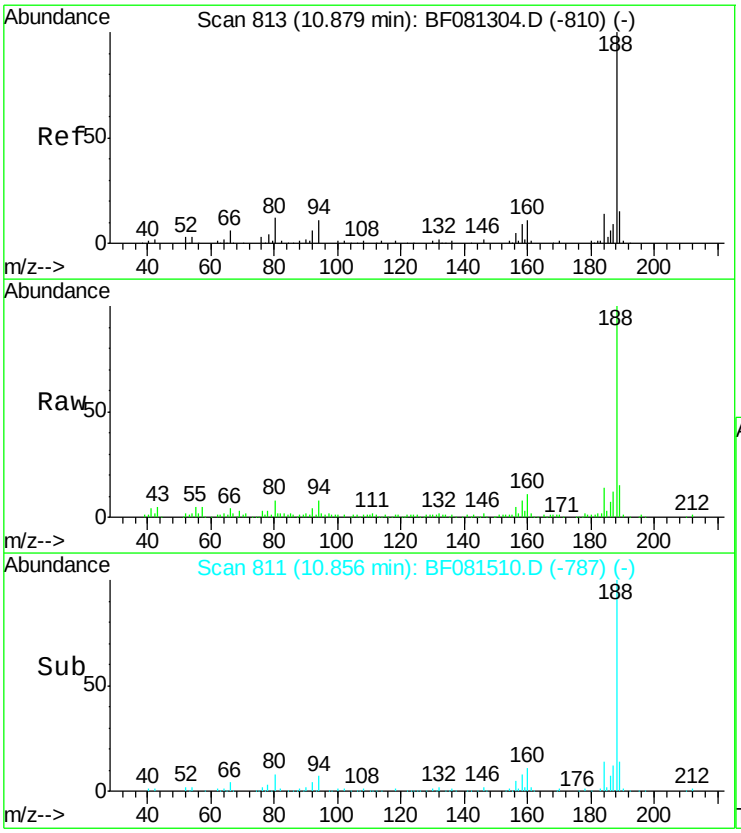
#57
Fluorene
Concen: 14.43 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion:166 Resp: 84506

Ion	Ratio	Lower	Upper
166	100		
165	92.5	72.6	109.0
167	15.9	10.6	16.0

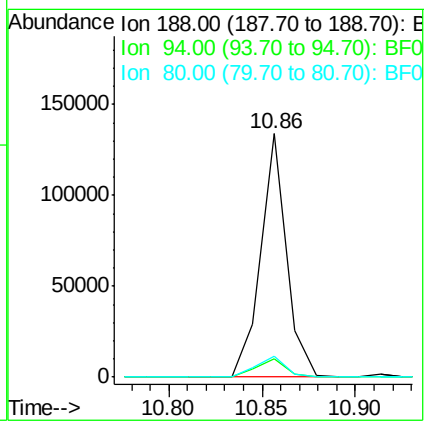


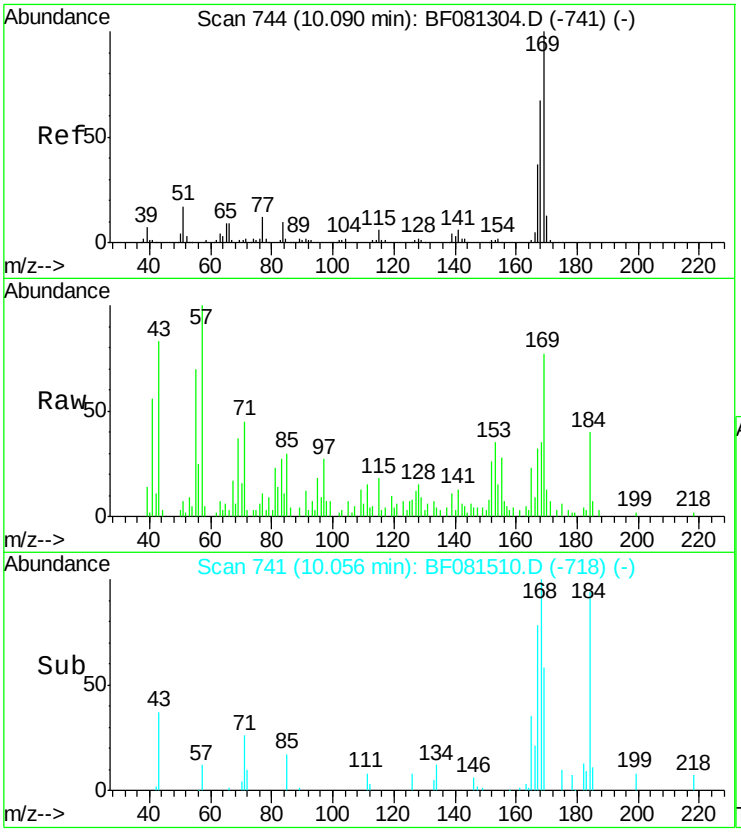


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Tgt Ion:188 Resp: 130578

Ion	Ratio	Lower	Upper
188	100		
94	7.7	11.1	16.7#
80	8.5	11.0	16.4#



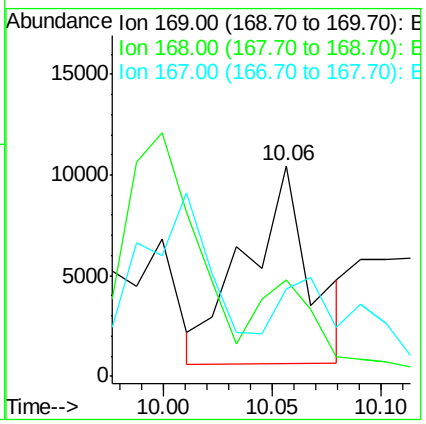


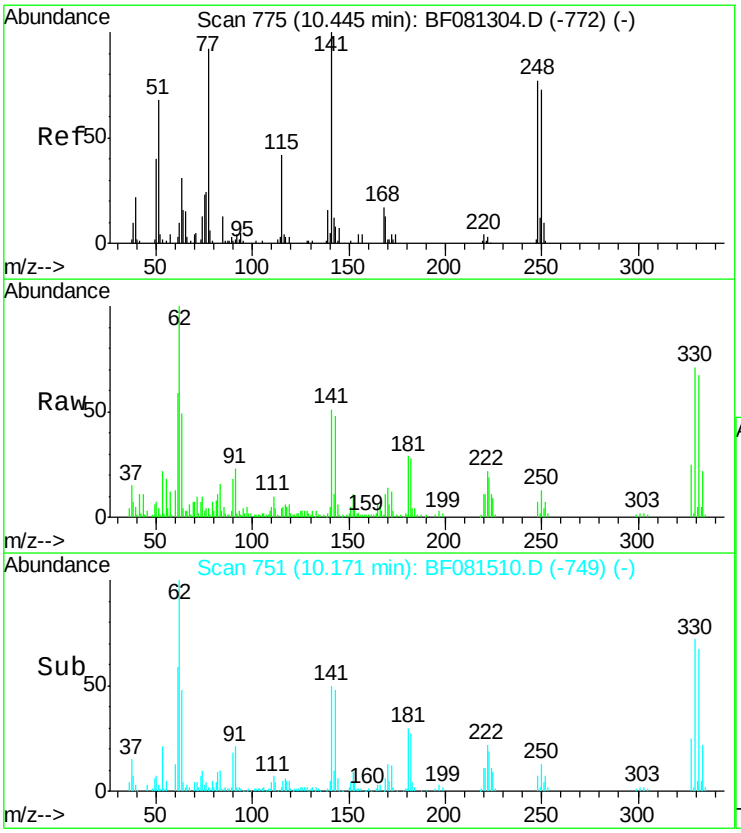
#65
n-Nitrosodiphenylamine
Concen: 4.28 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion:169 Resp: 20346

Ion	Ratio	Lower	Upper
169	100		
168	45.6	48.9	73.3#
167	41.7	26.2	39.4#

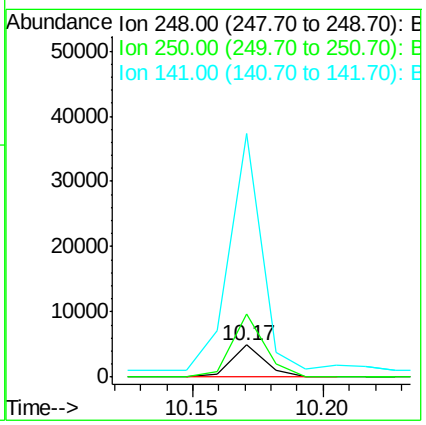


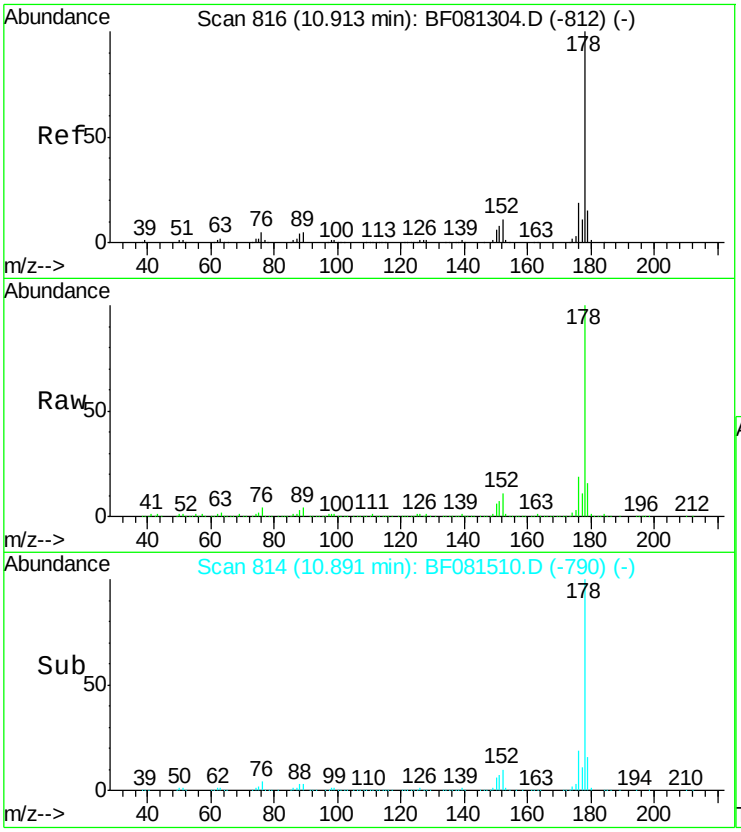


#66
4-Bromophenyl-phenylether
Concen: 3.38 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Tgt Ion:248 Resp: 4459

Ion	Ratio	Lower	Upper
248	100		
250	198.7	78.5	117.7#
141	762.3	59.0	88.6#



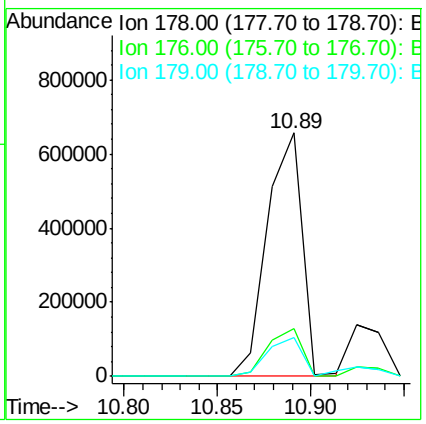


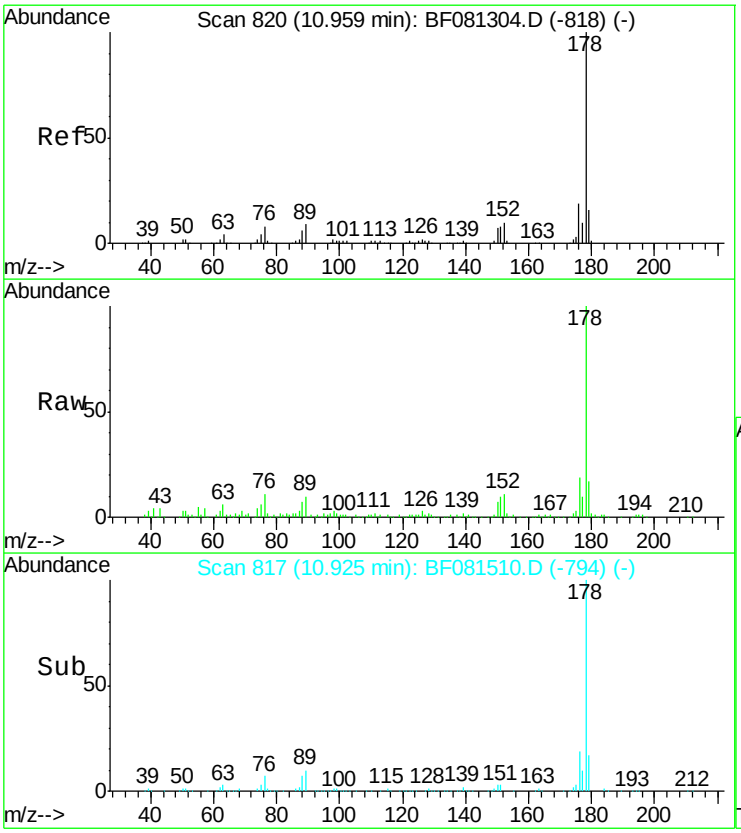
#70
Phenanthrene
Concen: 117.66 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion:178 Resp: 854149

Ion	Ratio	Lower	Upper
178	100		
176	19.5	13.8	20.8
179	15.8	12.2	18.2

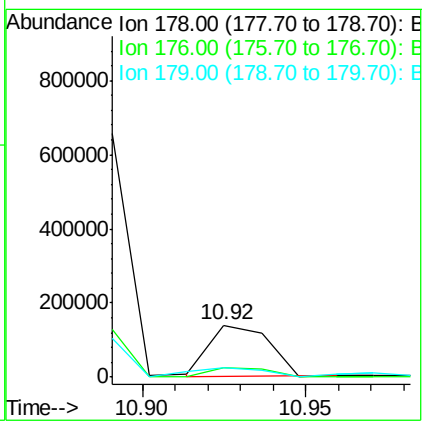


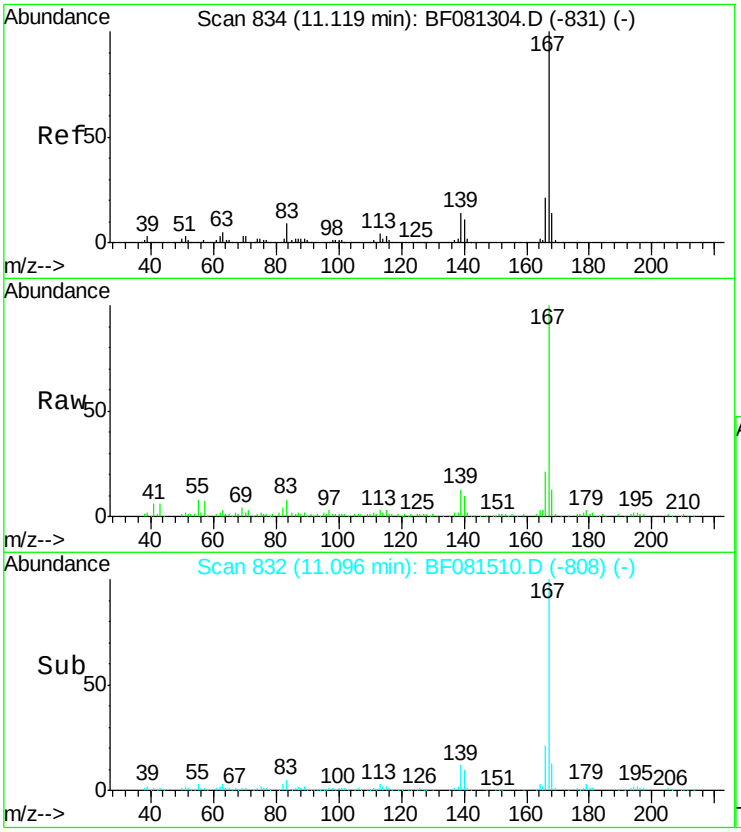


#71
Anthracene
Concen: 23.45 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.03 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Tgt Ion:178 Resp: 174872

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.1	21.1
179	17.5	12.2	18.2



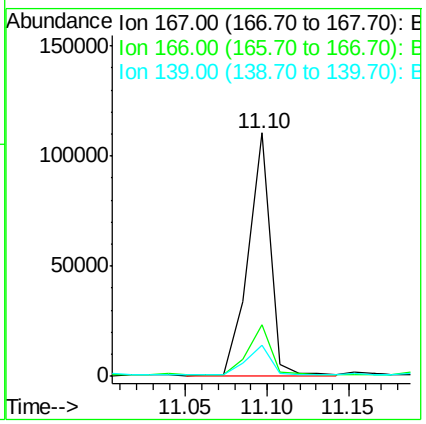


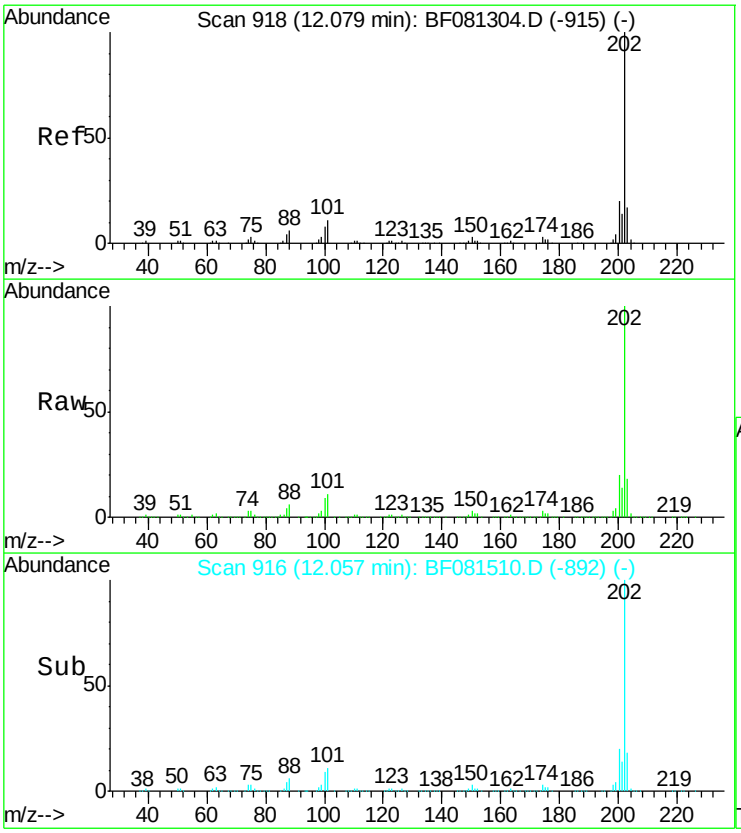
#72
Carbazole
Concen: 14.74 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion:167 Resp: 103182

Ion	Ratio	Lower	Upper
167	100		
166	21.4	15.7	23.5
139	12.9	9.5	14.3

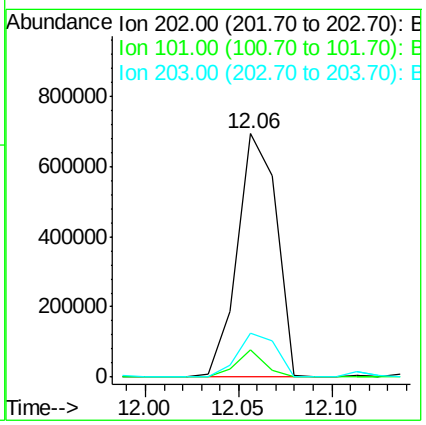


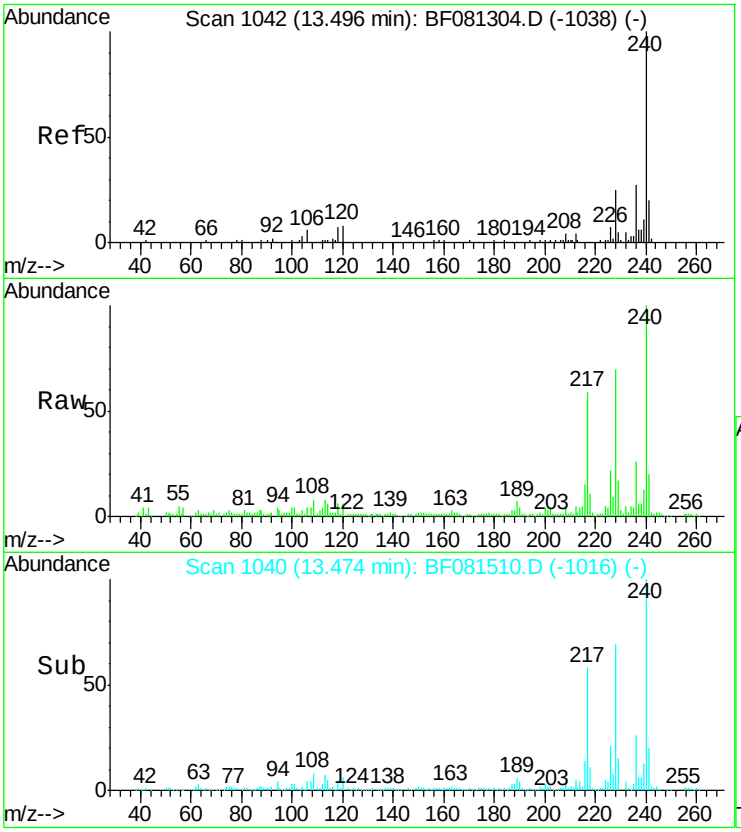


#74
Fluoranthene
Concen: 128.01 ng
RT: 12.06 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Tgt Ion:202 Resp: 1005983

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	38.3
203	17.9	0.0	37.3



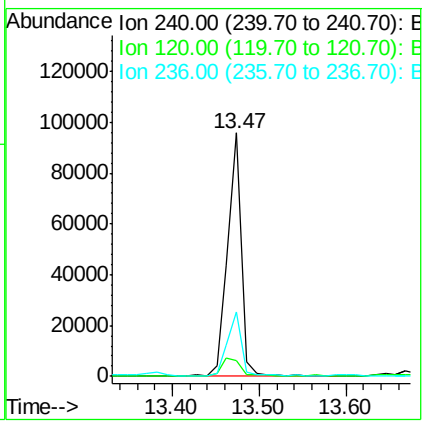


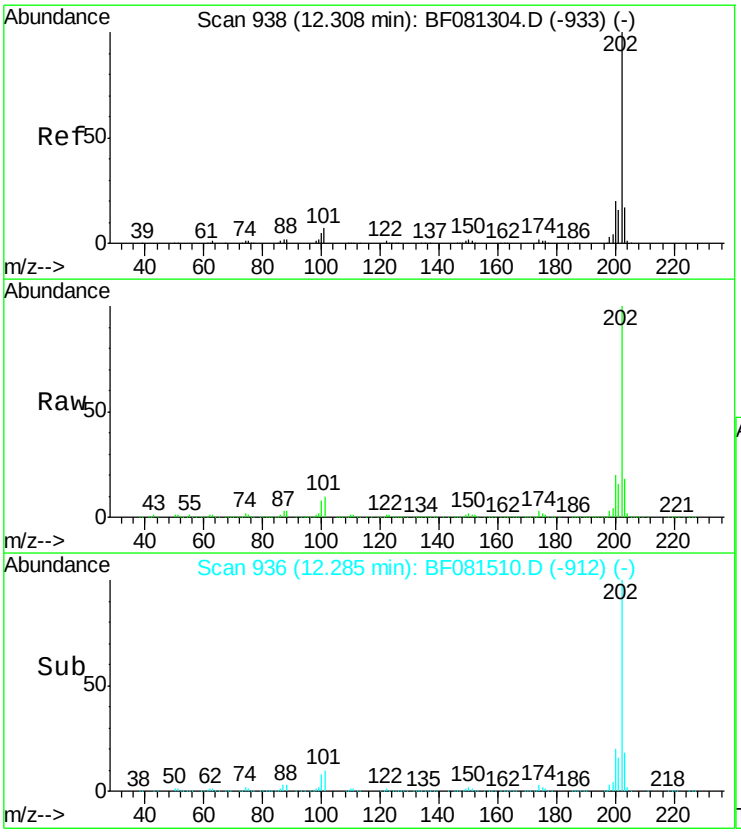
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.47 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion:240 Resp: 105417

Ion	Ratio	Lower	Upper
240	100		
120	6.3	16.2	24.2#
236	26.5	18.4	27.6

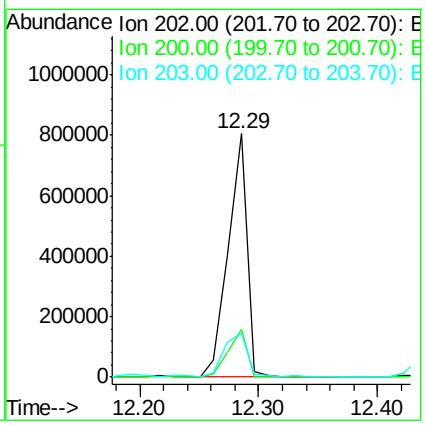


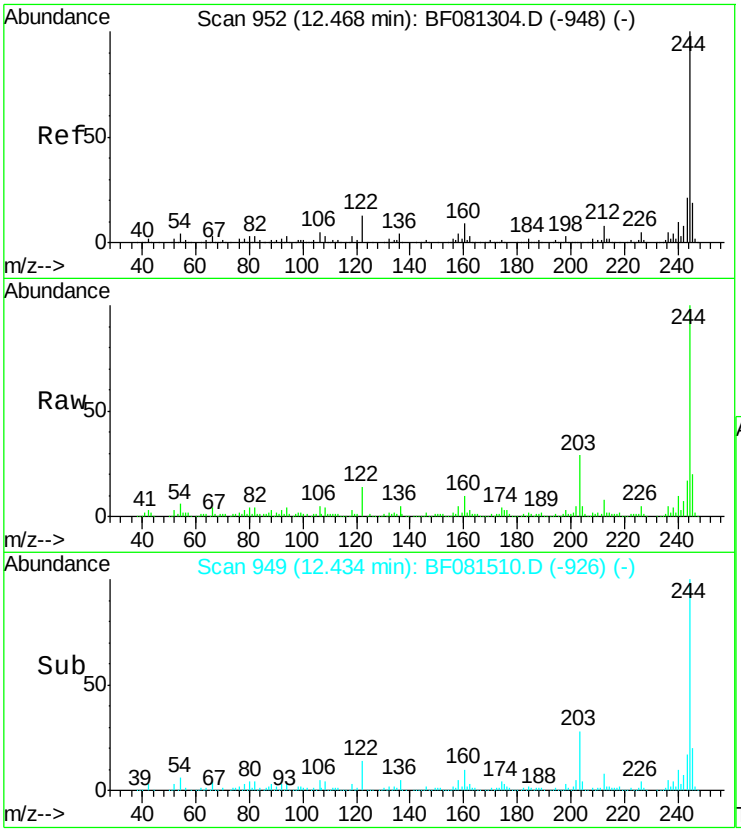


#77
Pyrene
Concen: 113.20 ng
RT: 12.29 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Tgt Ion:202 Resp: 883950

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.0	22.4
203	18.2	14.1	21.1



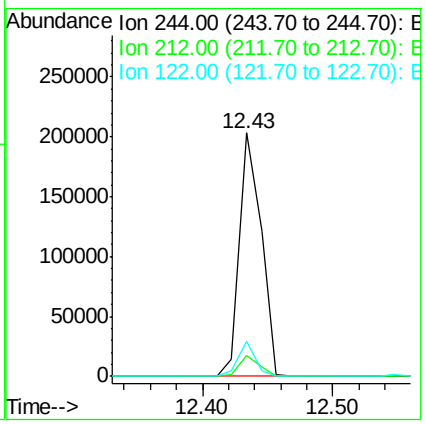


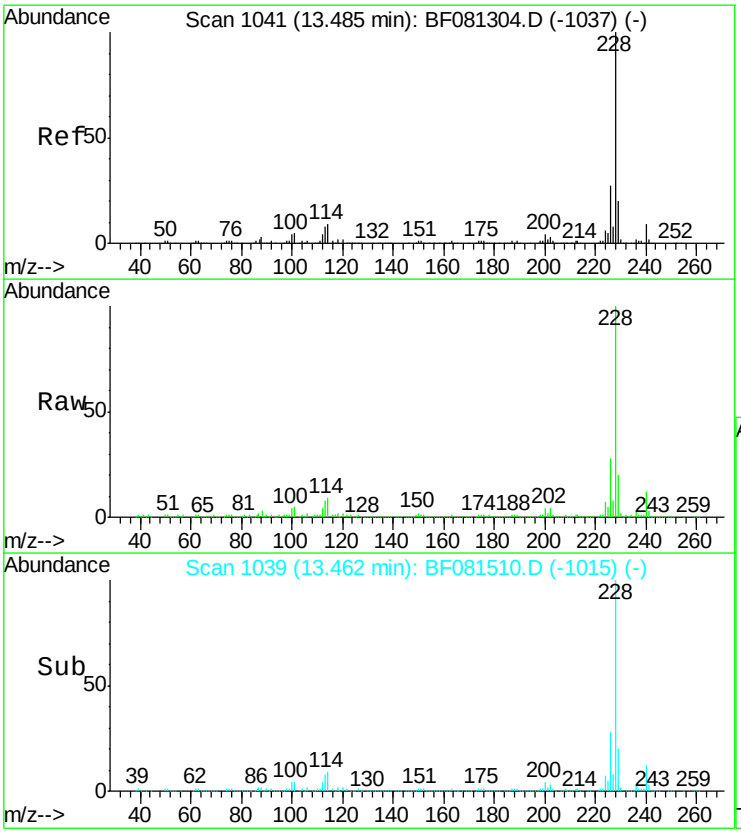
#78
Terphenyl-d14
Concen: 51.60 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.03 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion:244 Resp: 233690

Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.3	6.5#
122	14.4	17.4	26.2#

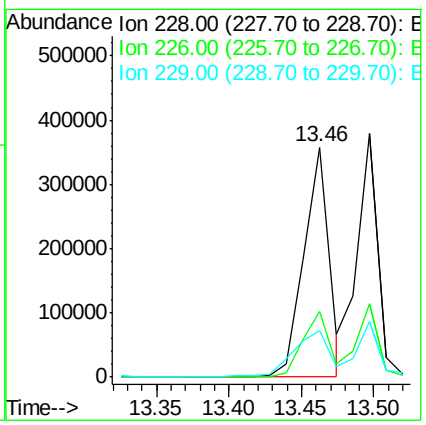


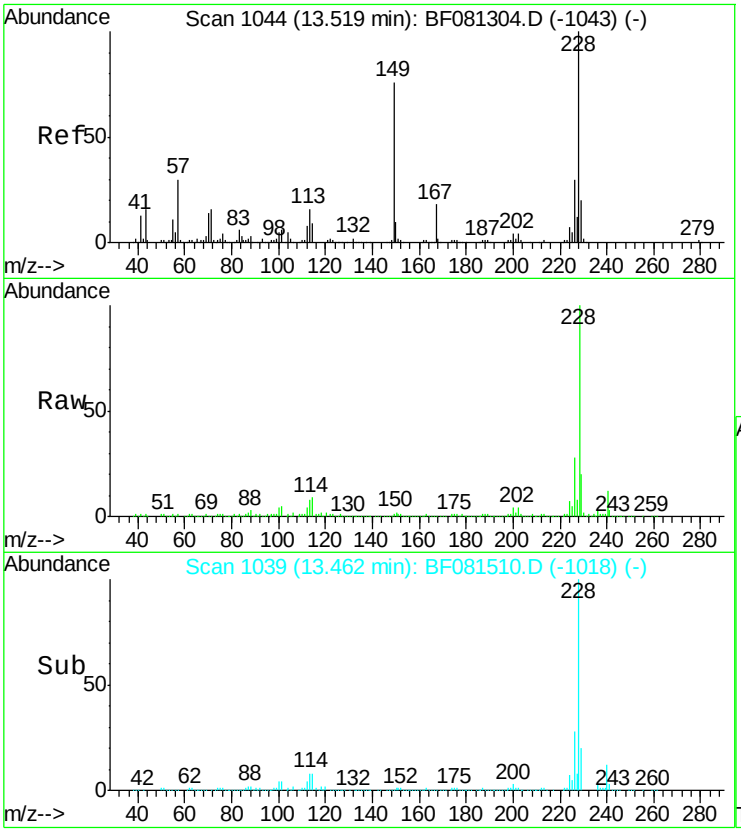


#80
Benzo(a)anthracene
Concen: 64.55 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Tgt Ion:228 Resp: 433362

Ion	Ratio	Lower	Upper
228	100		
226	28.4	20.0	30.0
229	20.3	15.4	23.2



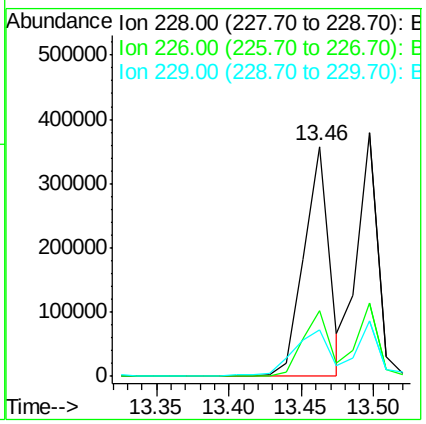


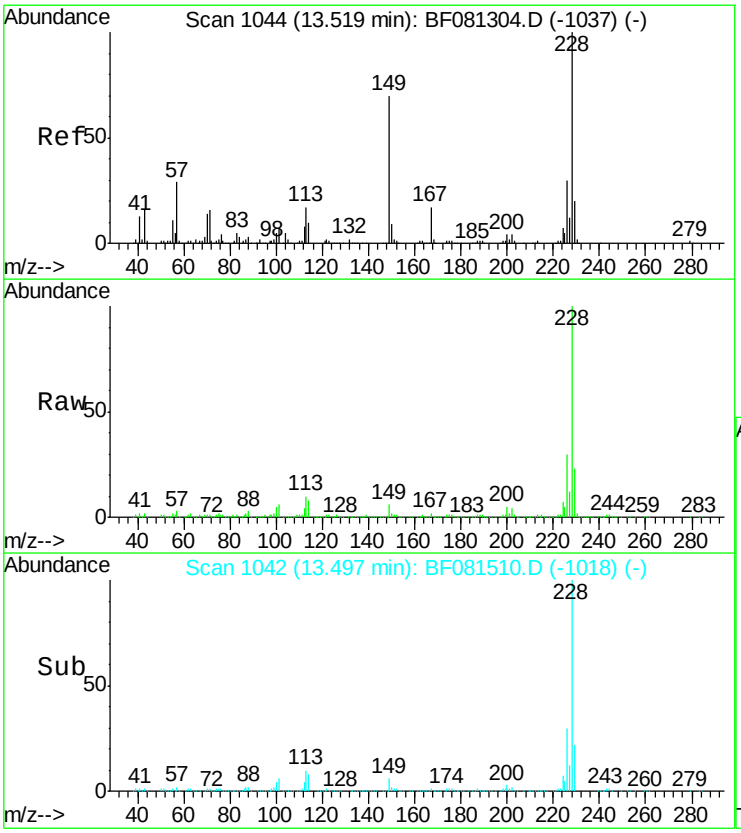
#82
Chrysene
Concen: 72.01 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion:228 Resp: 433362

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.0	31.4
229	20.3	15.6	23.4

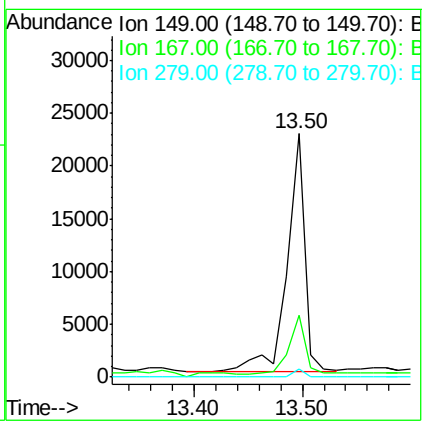


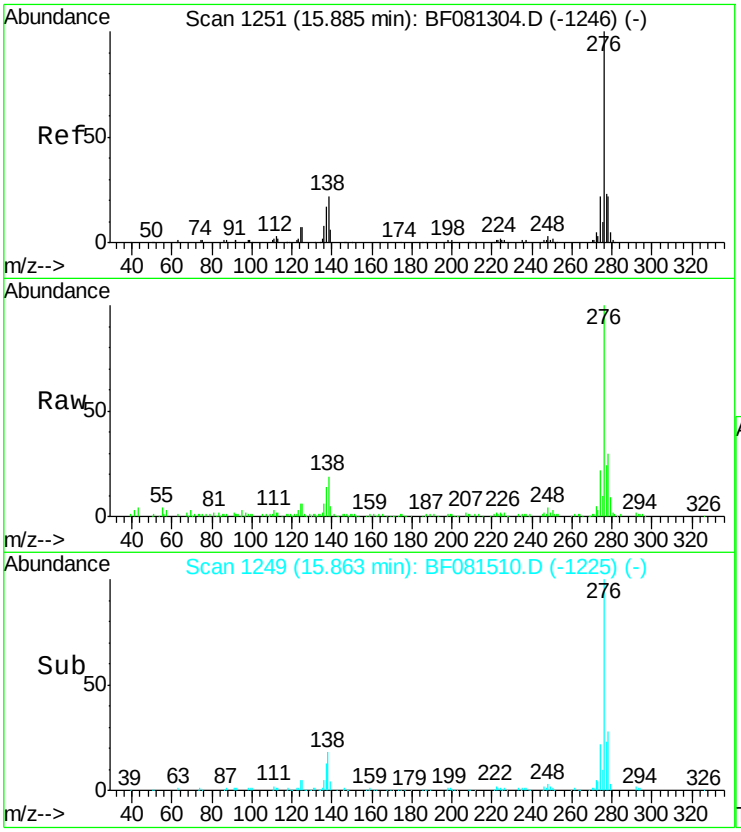


#83
Bis(2-ethylhexyl)phthalate
Concen: 5.69 ng
RT: 13.50 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Tgt Ion:149 Resp: 25523

Ion	Ratio	Lower	Upper
149	100		
167	25.4	24.2	36.2
279	3.4	3.8	5.6#



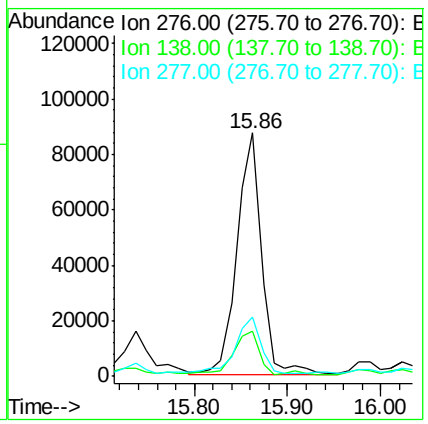


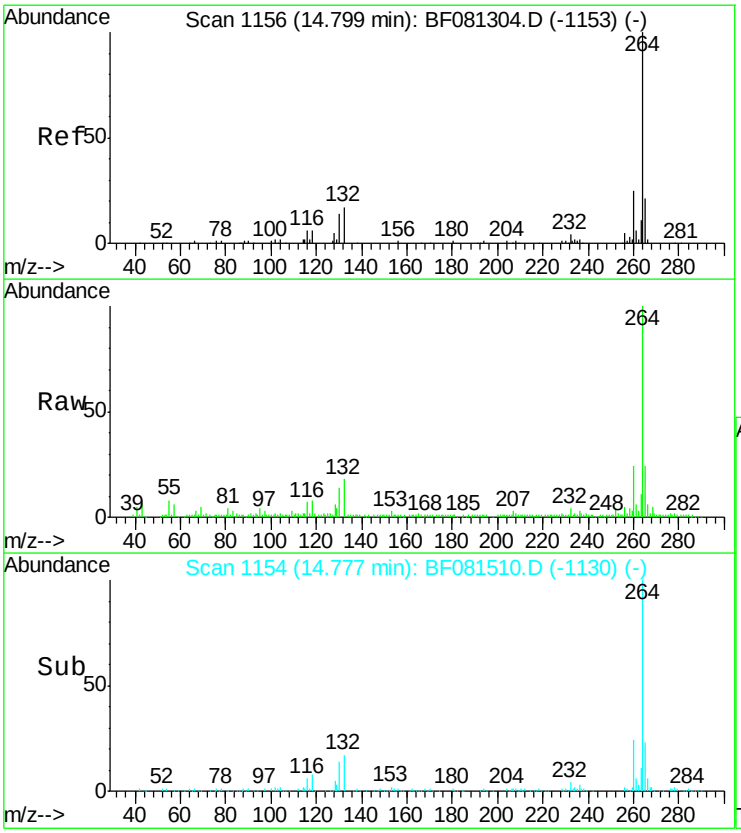
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.49 ng
RT: 15.86 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion:276 Resp: 161092

Ion	Ratio	Lower	Upper
276	100		
138	19.2	25.7	38.5#
277	25.6	15.6	23.4#

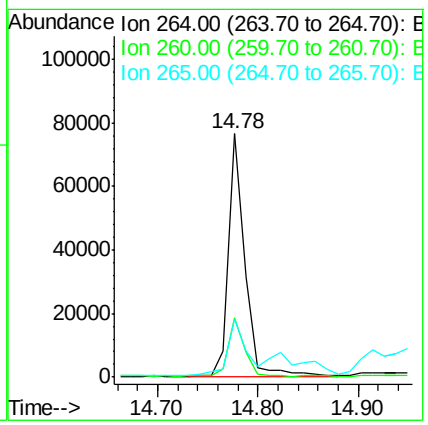


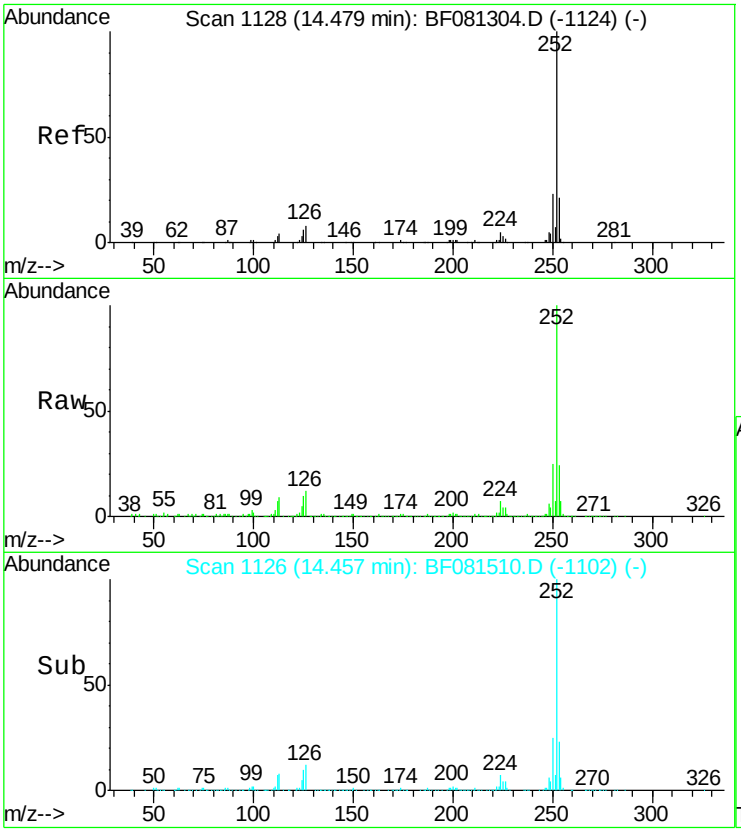


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Tgt Ion:264 Resp: 88846

Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	24.0	17.2	25.8



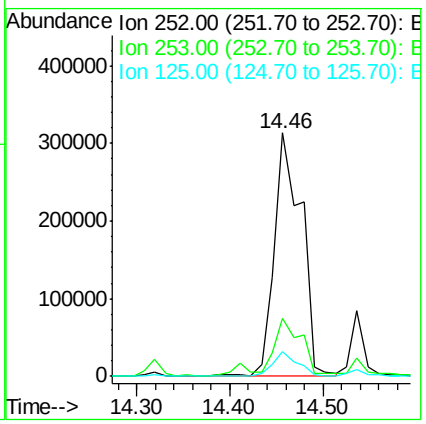


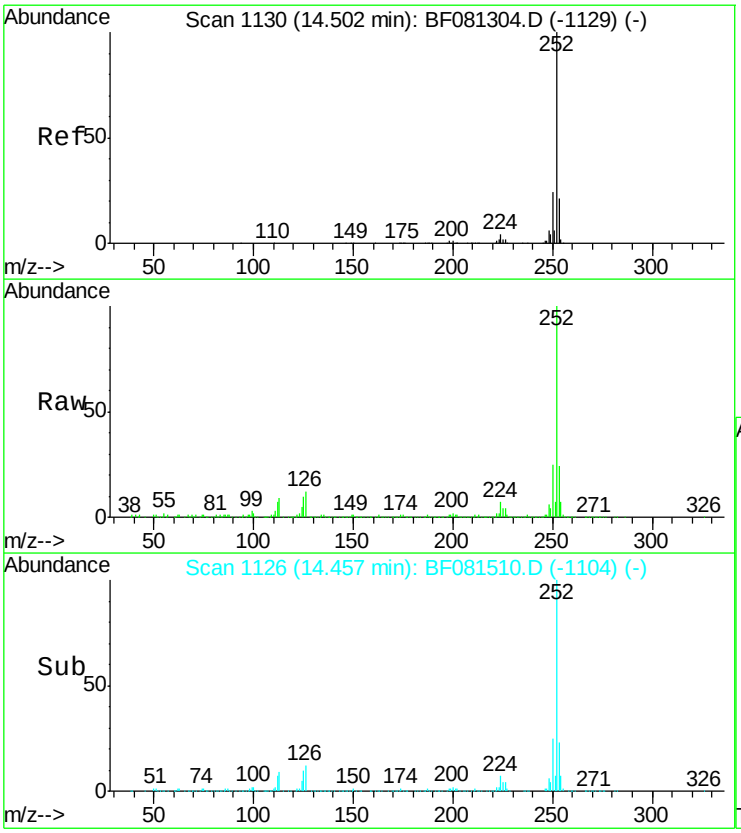
#87
Benzo(b)fluoranthene
Concen: 99.77 ng
RT: 14.46 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion:252 Resp: 632836

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	10.0	17.1	25.7#

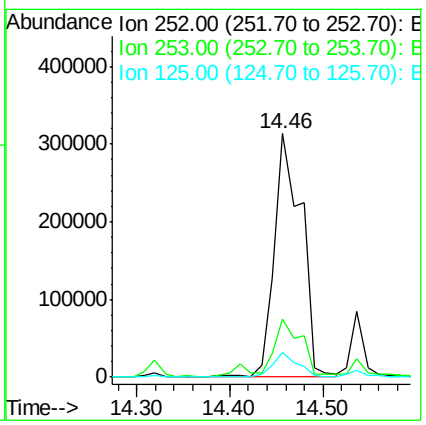


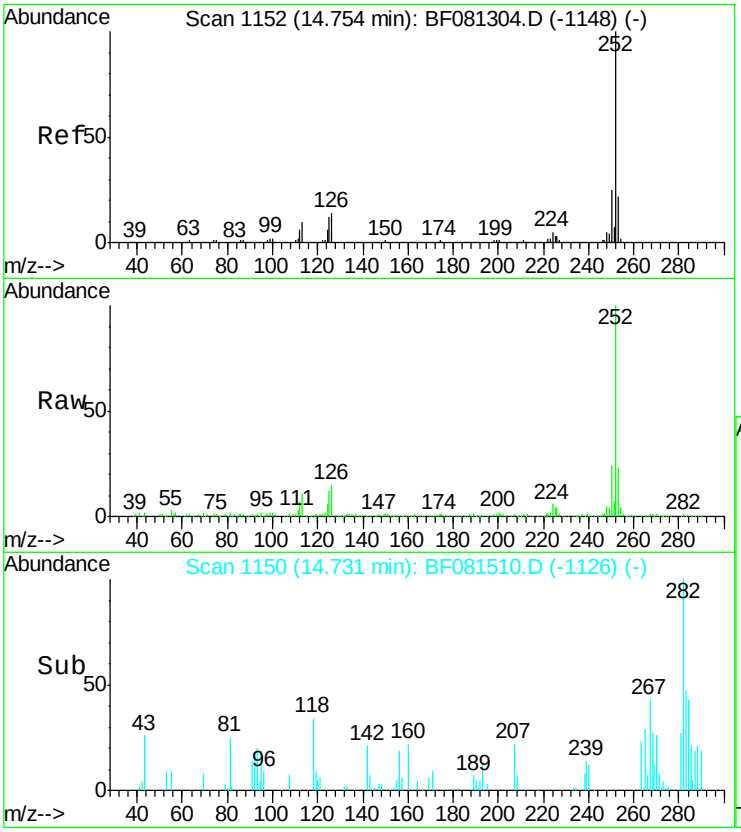


#88
Benzo(k)fluoranthene
Concen: 120.24 ng
RT: 14.46 min Scan# 1126
Delta R.T. -0.05 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Tgt Ion:252 Resp: 632836

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.4
125	10.0	16.0	24.0#



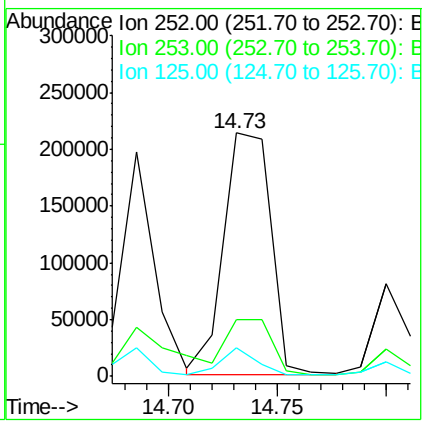


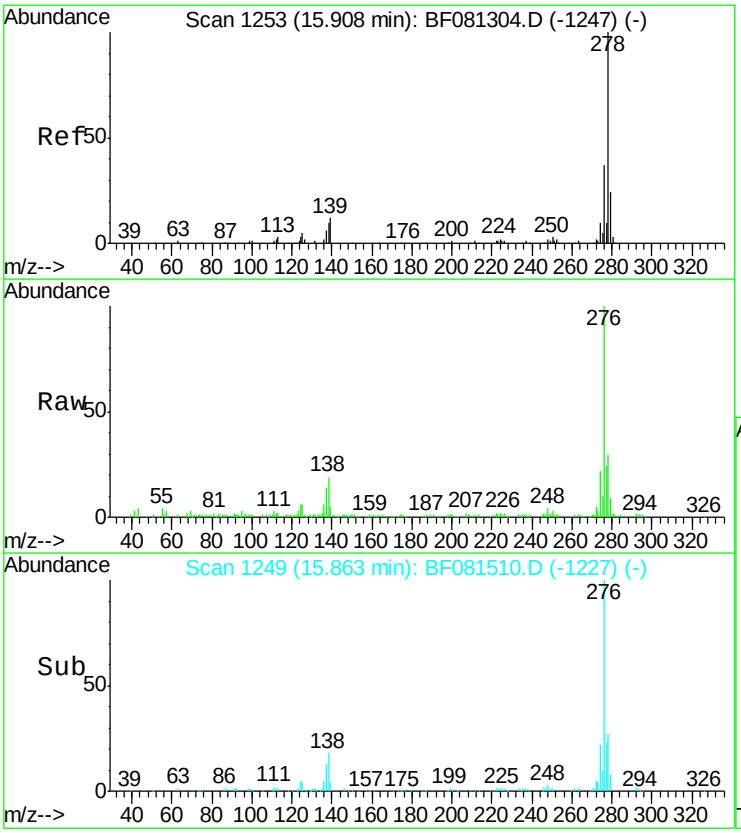
#89
Benzo(a)pyrene
Concen: 59.82 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion:252 Resp: 321538

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	11.9	18.0	27.0#

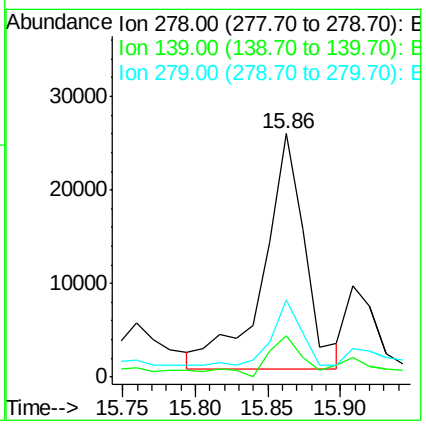


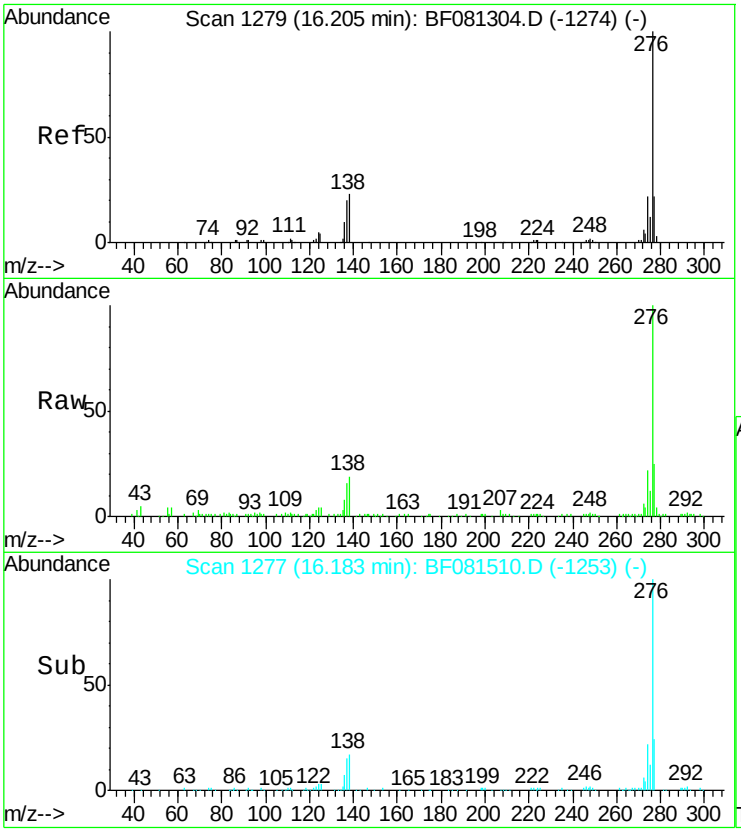


#90
Dibenzo(a,h)anthracene
Concen: 11.95 ng
RT: 15.86 min Scan# 1249
Delta R.T. -0.05 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Tgt Ion:278 Resp: 49634

Ion	Ratio	Lower	Upper
278	100		
139	16.8	26.3	39.5#
279	31.7	18.2	27.4#





#91
Benzo(g,h,i)perylene
Concen: 34.10 ng
RT: 16.18 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF081510.D
Acq: 6 Sep 2015 15:18

Instrument :
BNA_F
ClientSampleId :
SB003

Tgt Ion:276 Resp: 135166

Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.8	26.6
138	18.7	34.6	51.8#