Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041315\
Data File : BF078501.D
Acq On : 14 Apr 2015 12:46
Operator : TP/IZ
Sample : G1850-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10DA

Quant Time: Apr 14 12:23:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 11:28:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	32785	20.00	ng		0.00
21) Naphthalene-d8	8.41	136	133316	20.00	ng		0.00
38) Acenaphthene-d10	10.56	164	66774	20.00	ng		-0.01
63) Phenanthrene-d10	12.39	188	131690	20.00	ng		0.00
75) Chrysene-d12	15.65	240	139641	20.00	ng		0.00
86) Perylene-d12	17.37	264	143591	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	549653	276.42	ng		0.02
7) Phenol-d6	6.43	99	716555	287.54	ng		0.00
23) Nitrobenzene-d5	7.53	82	390972	177.76	ng		0.00
41) 2,4,6-Tribromophenol	11.54	330	168973	305.12	ng		0.00
44) 2-Fluorobiphenyl	9.76	172	682234	146.04	ng		0.00
78) Terphenyl-d14	14.38	244	880039	142.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.61	88	33271	37.00	ng	#	23
10) Phenol	6.46	94	9085	3.04	ng		94
15) Benzyl Alcohol	7.02	79	5874	3.35	ng	#	53
31) Naphthalene	8.43	128	717423	103.39	ng		99
37) 2-Methylnaphthalene	9.29	142	192345	40.83	ng		98
45) 1,1'-Biphenyl	9.87	154	95411	17.47	ng		98
48) Acenaphthylene	10.39	152	53614	7.73	ng	#	96
49) Dimethylphthalate	10.27	163	31055	6.19	ng	#	96
51) Acenaphthene	10.60	154	209173	53.54	ng		100
54) Dibenzofuran	10.82	168	13470	2.26	ng	#	95
55) 4-Nitrophenol	10.76	139	275	3.07	ng	#	18
57) Fluorene	11.24	166	168404	34.81	ng		98
62) Azobenzene	11.47	77	9008	2.04	ng	#	1
70) Phenanthrene	12.42	178	833151	109.37	ng		99
71) Anthracene	12.48	178	276440	36.83	ng		99
74) Fluoranthene	13.89	202	357552	44.51	ng		91
77) Pyrene	14.16	202	545284	62.20	ng		99
80) Benzo(a)anthracene	15.68	228	102119	12.29	ng		95
82) Chrysene	15.68	228	124195	15.91	ng		99
87) Benzo(b)fluoranthene	16.94	252	140833	15.87	ng	#	94
88) Benzo(k)fluoranthene	16.94	252	132617	16.82	ng		99
89) Benzo(a)pyrene	17.31	252	133283	17.21	ng		97
91) Benzo(g,h,i)perylene	18.97	276	55858	7.18	ng		97

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

Quantitation Report (Not Reviewed)

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Data File : BF078501.D
Acq On : 14 Apr 2015 12:46
Operator : TP/IZ
Sample : G1850-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
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SB-10DA

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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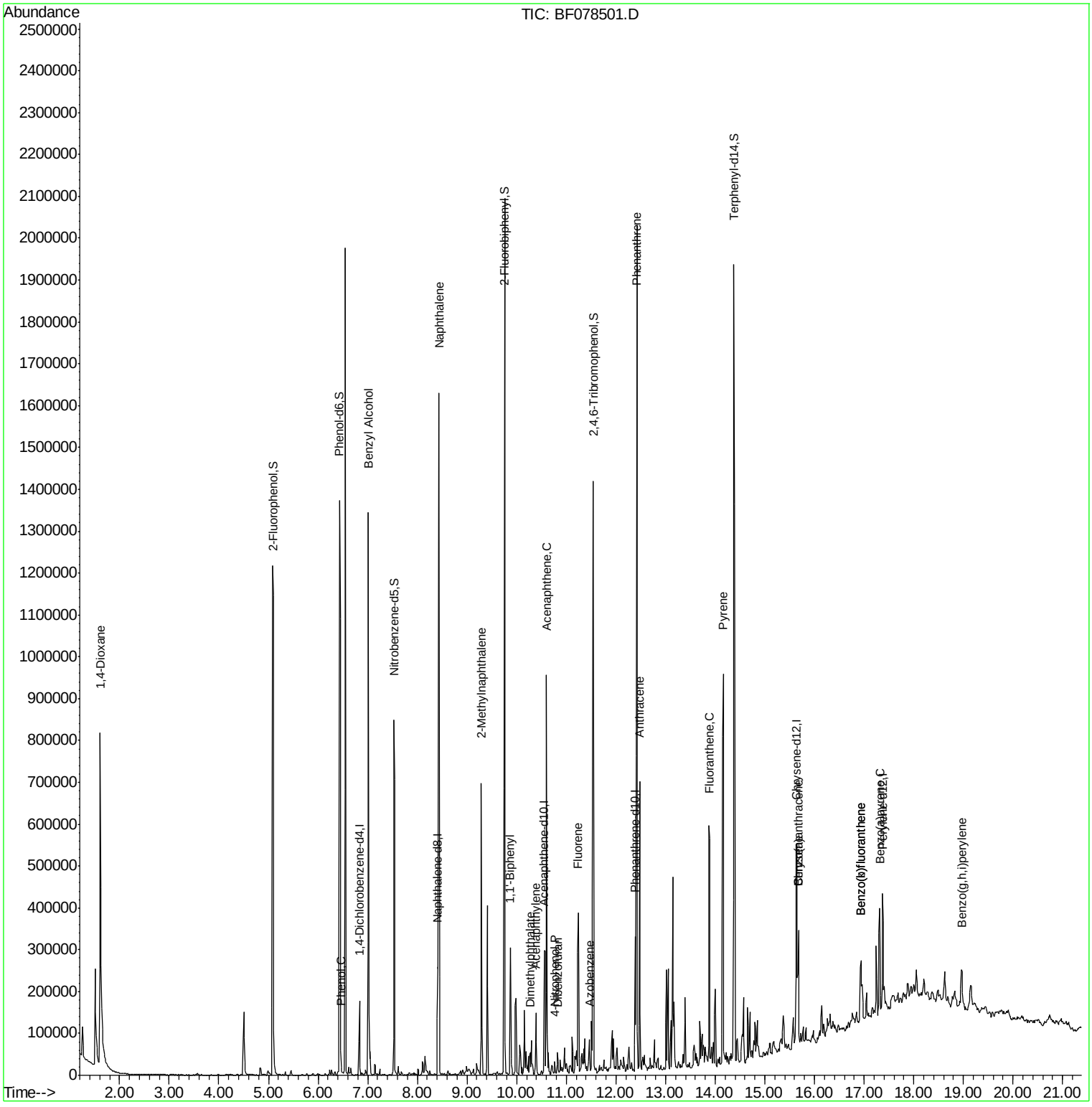
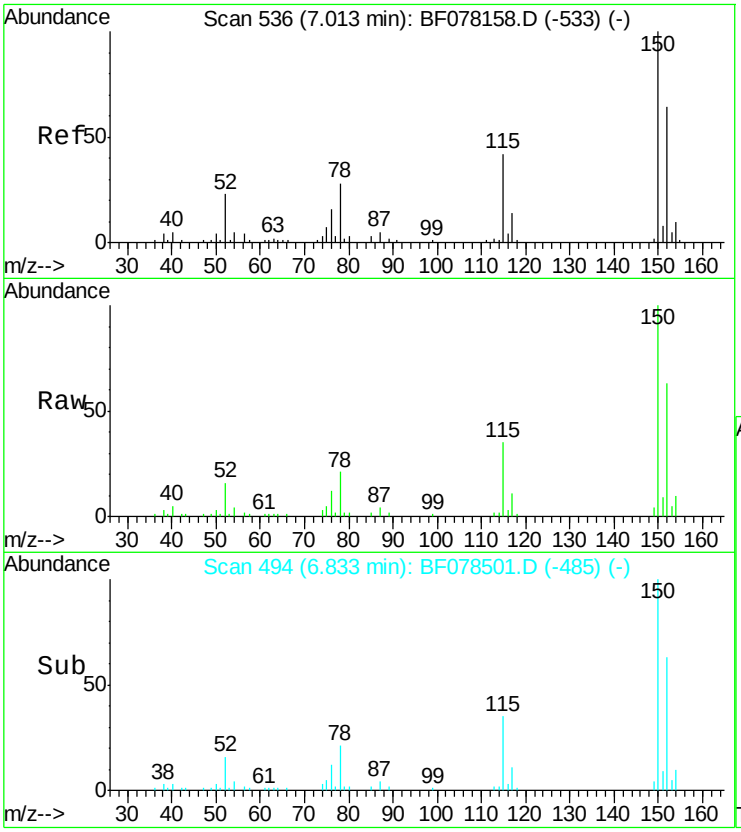


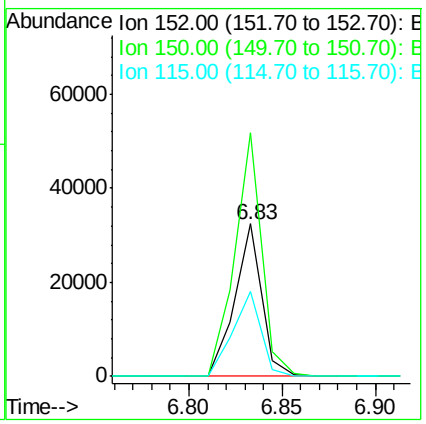


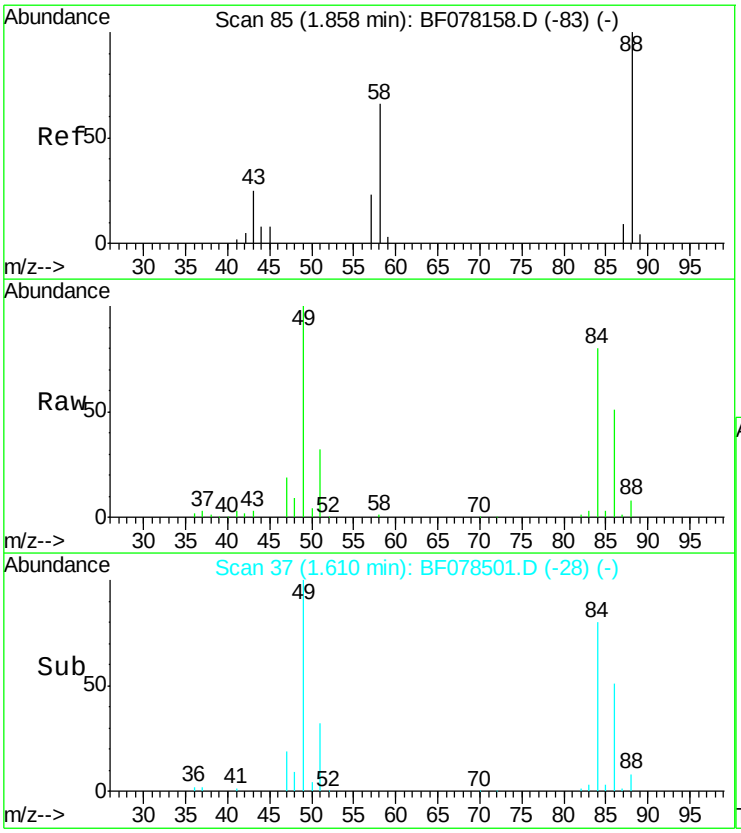
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
SB-10DA

Tgt Ion:152 Resp: 32785

Ion	Ratio	Lower	Upper
152	100		
150	159.5	125.9	188.9
115	55.9	52.7	79.1

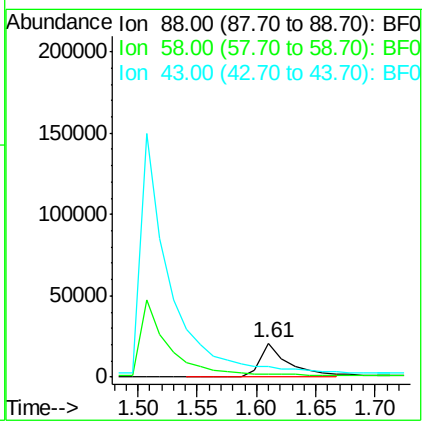


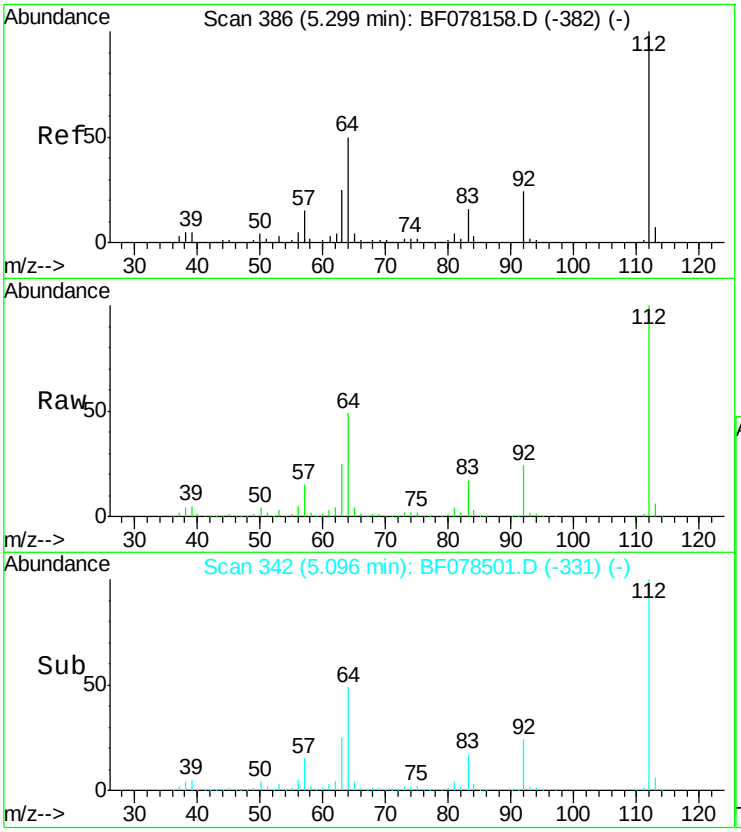


#2
1,4-Dioxane
Concen: 37.00 ng
RT: 1.61 min Scan# 37
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Tgt Ion: 88 Resp: 33271

Ion	Ratio	Lower	Upper
88	100		
58	0.0	56.9	85.3#
43	0.0	21.4	32.2#



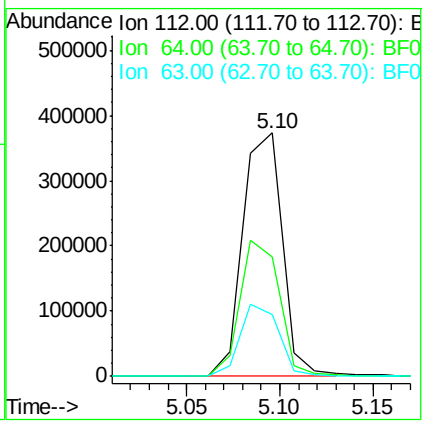


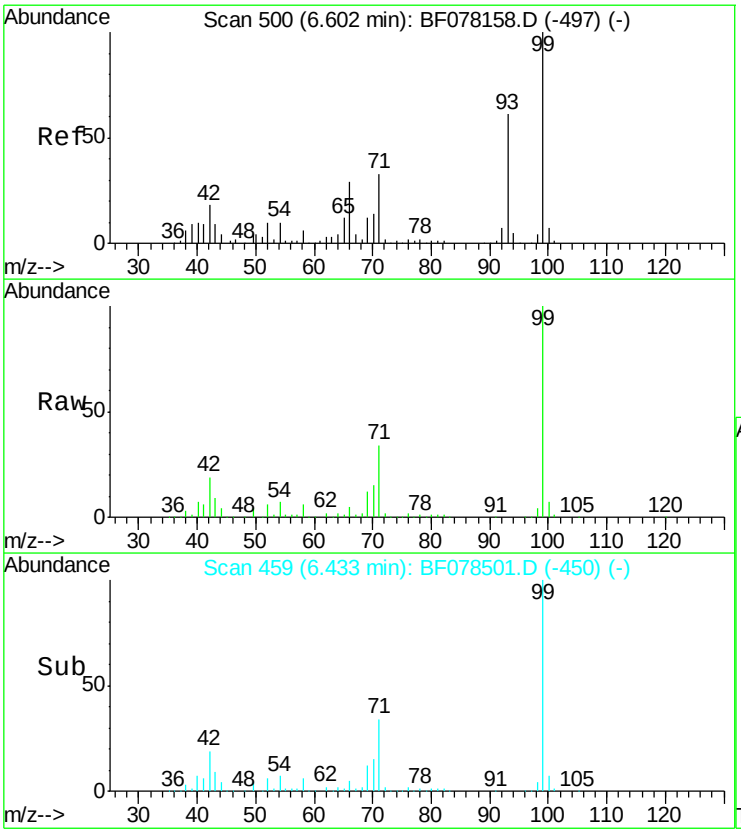
#5
2-Fluorophenol
Concen: 276.42 ng
RT: 5.10 min Scan# 342
Delta R.T. 0.02 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
SB-10DA

Tgt Ion:112 Resp: 549653

Ion	Ratio	Lower	Upper
112	100		
64	49.0	39.9	59.9
63	25.5	20.2	30.4

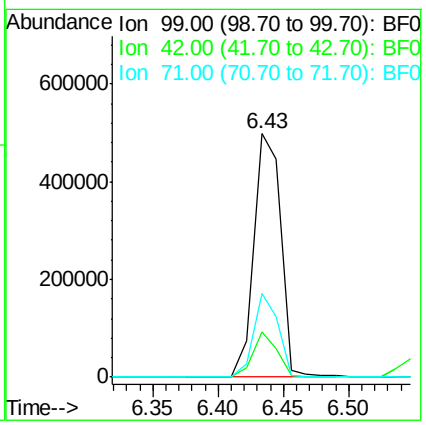


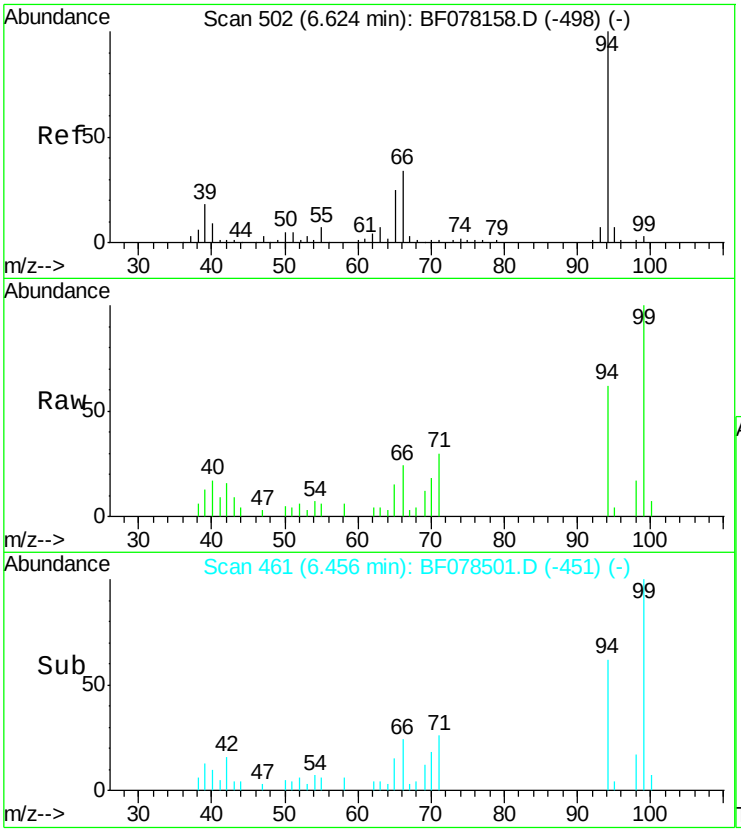


#7
Phenol-d6
Concen: 287.54 ng
RT: 6.43 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Tgt Ion: 99 Resp: 716555

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.8	22.2
71	34.2	26.6	39.8



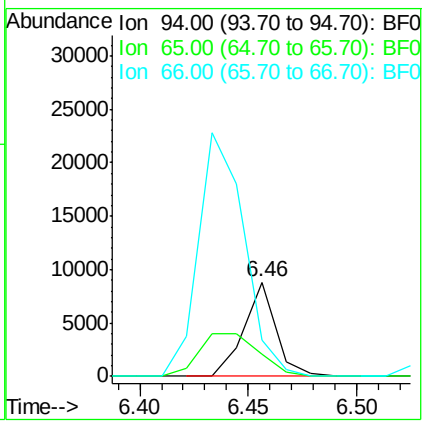


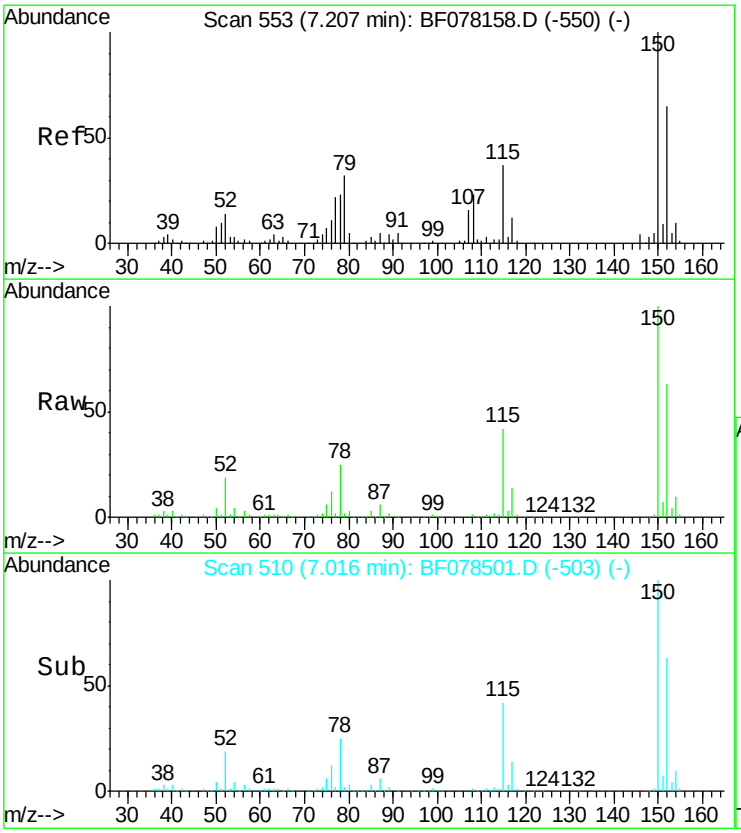
#10
Phenol
Concen: 3.04 ng
RT: 6.46 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
SB-10DA

Tgt Ion: 94 Resp: 9085

Ion	Ratio	Lower	Upper
94	100		
65	23.9	4.9	44.9
66	39.1	13.8	53.8

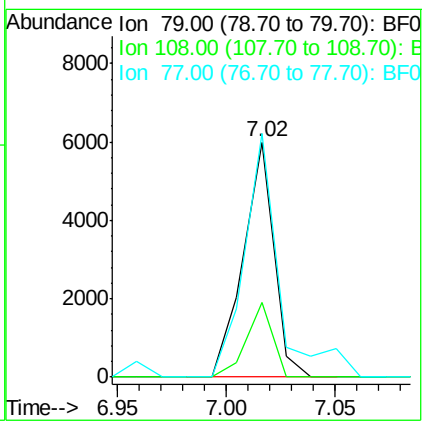


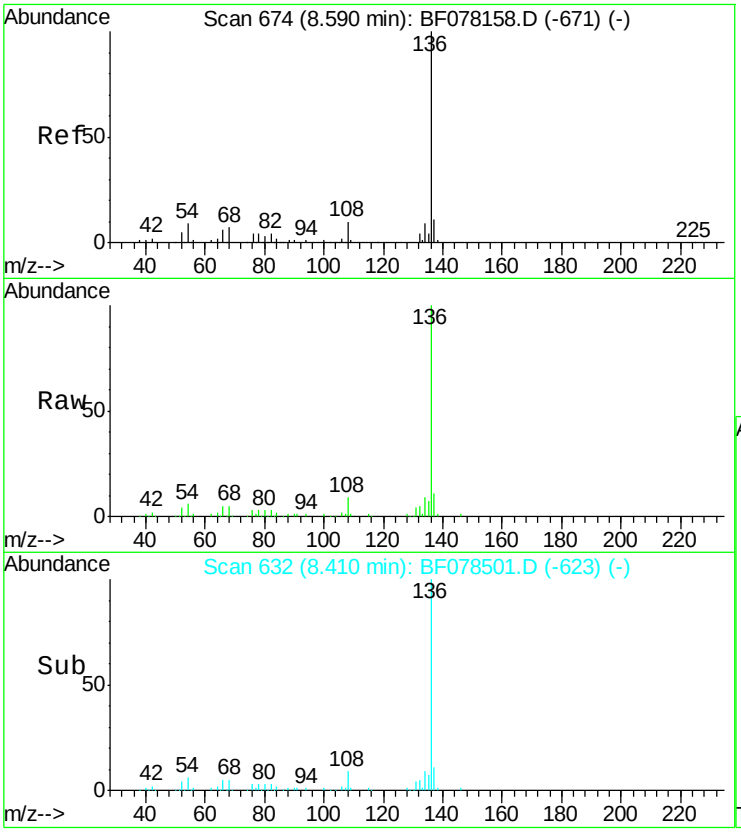


#15
Benzyl Alcohol
Concen: 3.35 ng
RT: 7.02 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Tgt Ion: 79 Resp: 5874

Ion	Ratio	Lower	Upper
79	100		
108	31.6	57.6	86.4#
77	103.6	53.5	80.3#



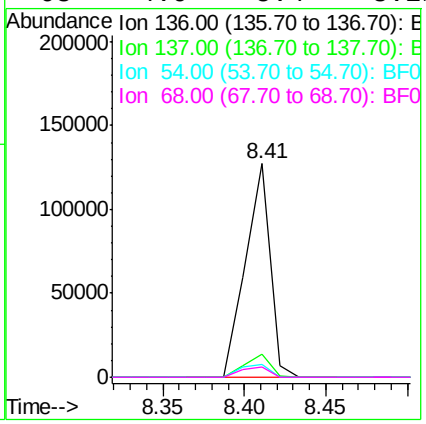


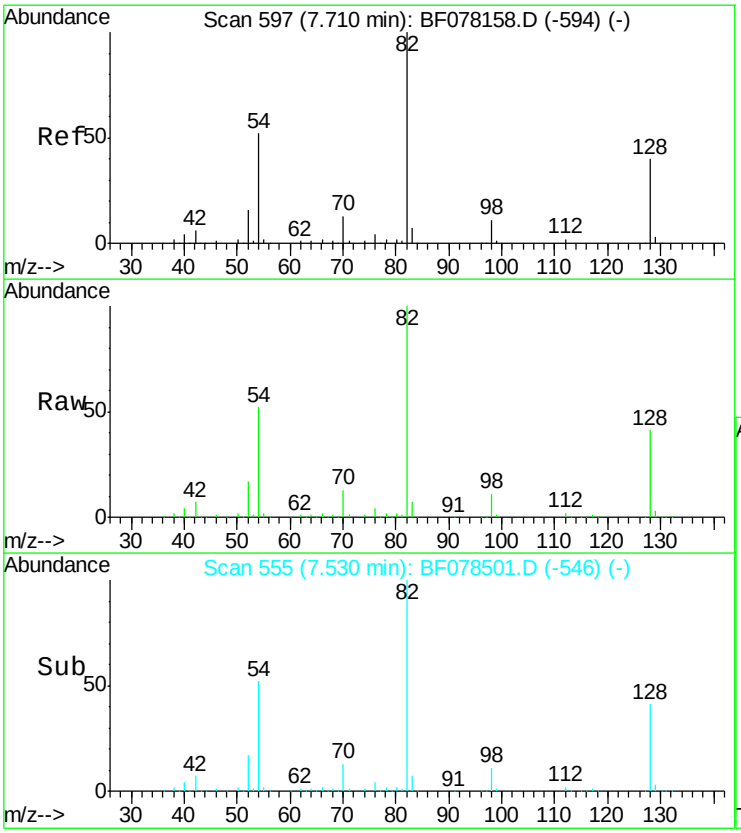
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.41 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
SB-10DA

Tgt Ion:136 Resp: 133316

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.2	7.0	10.6#
68	4.9	5.4	8.2#

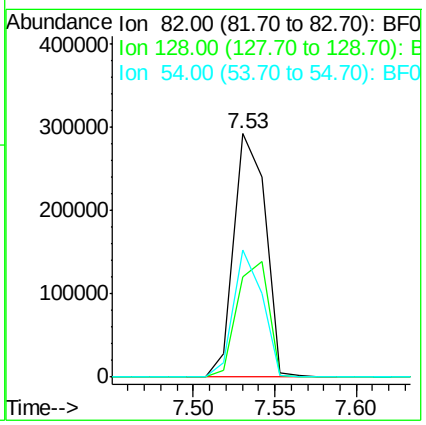


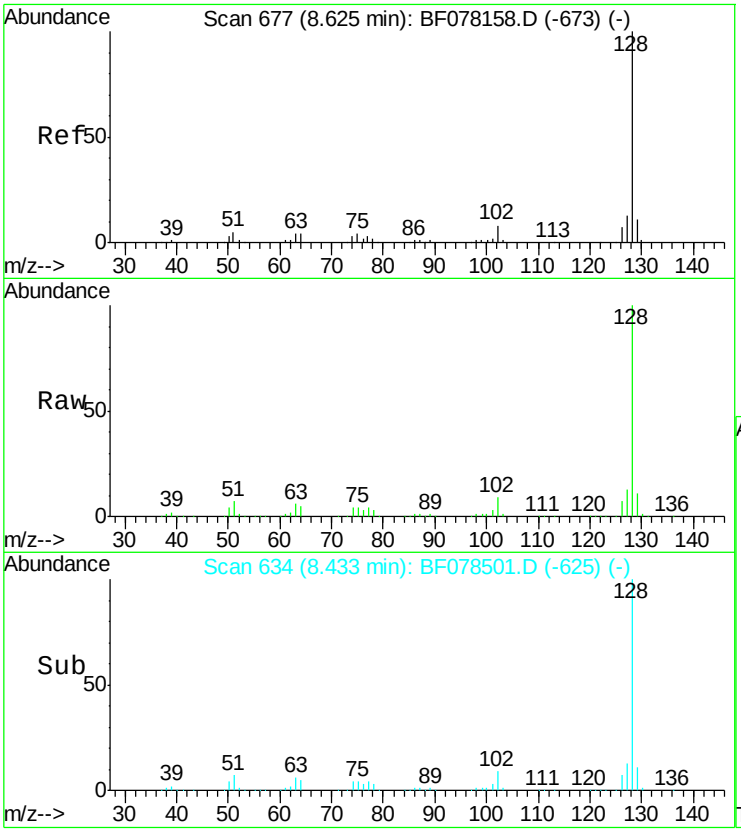


#23
Nitrobenzene-d5
Concen: 177.76 ng
RT: 7.53 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Tgt Ion: 82 Resp: 390972

Ion	Ratio	Lower	Upper
82	100		
128	41.0	31.8	47.8
54	52.3	41.5	62.3



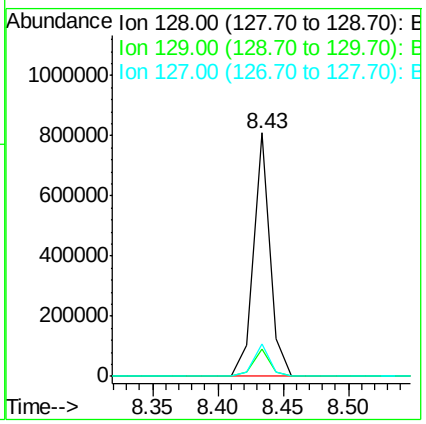


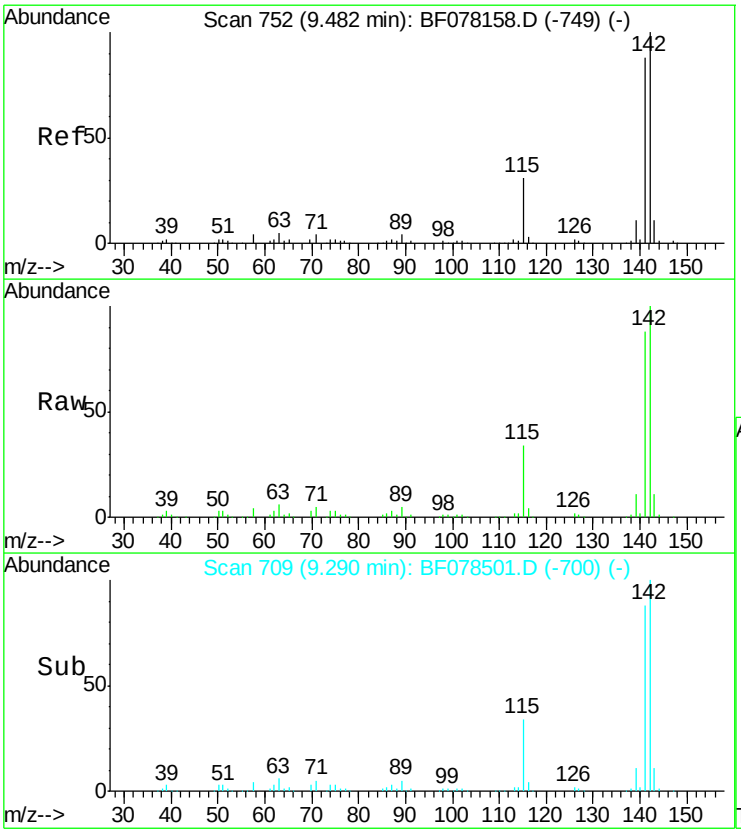
#31
Naphthalene
Concen: 103.39 ng
RT: 8.43 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
SB-10DA

Tgt Ion:128 Resp: 717423

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.2	10.7	16.1

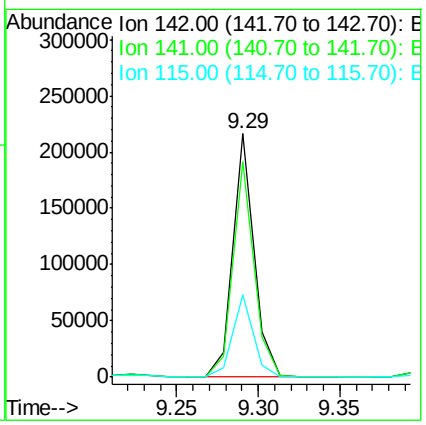


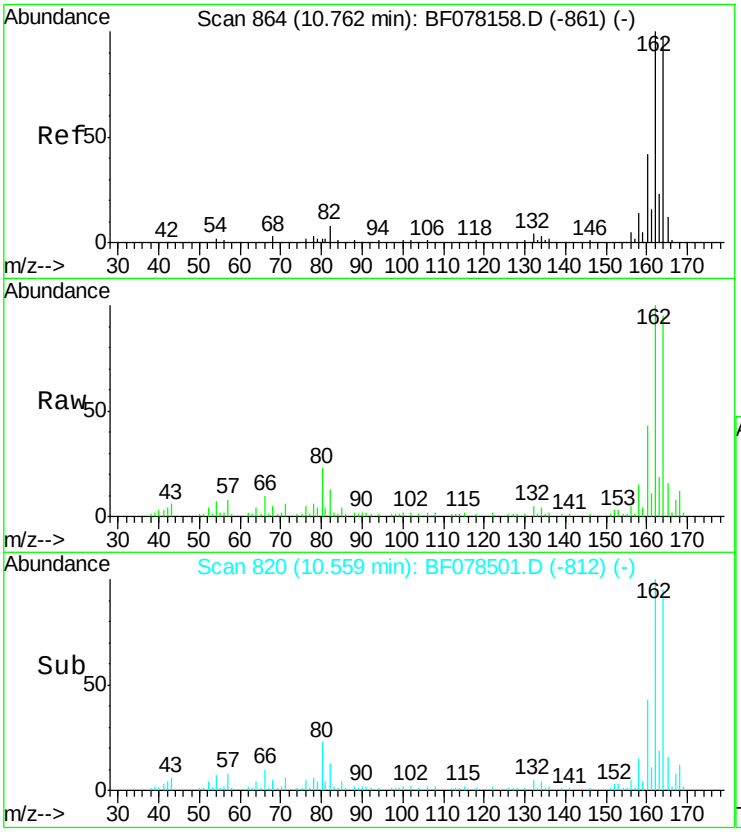


#37
2-Methylnaphthalene
Concen: 40.83 ng
RT: 9.29 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Tgt Ion:142 Resp: 192345

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.3	105.5
115	34.0	24.6	37.0



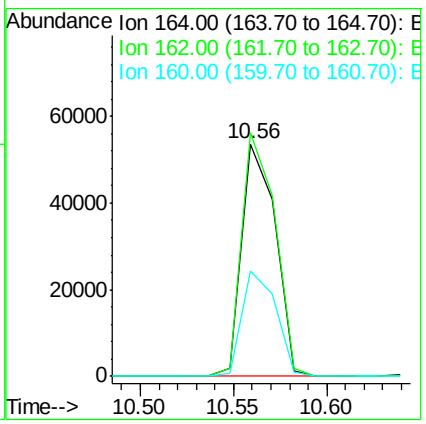


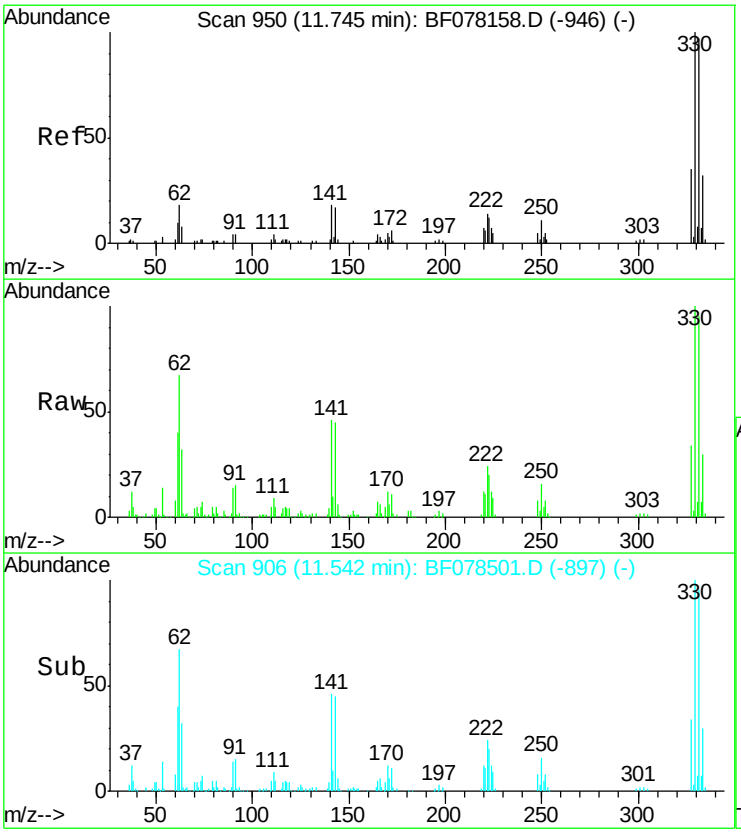
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
SB-10DA

Tgt Ion:164 Resp: 66774

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.2	123.2
160	45.2	34.7	52.1

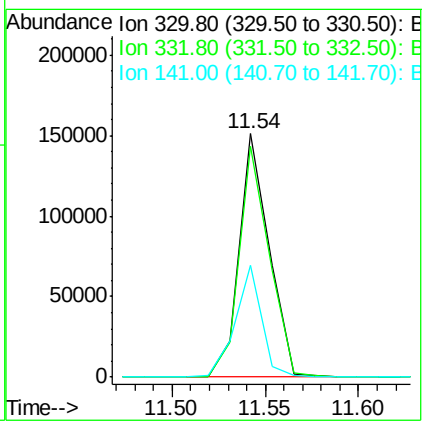


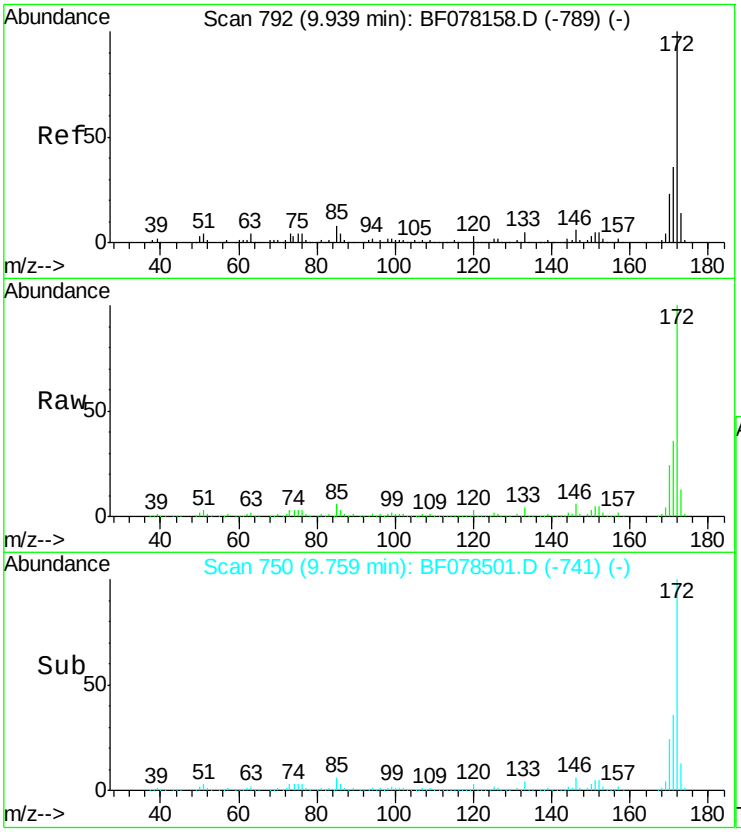


#41
2,4,6-Tribromophenol
Concen: 305.12 ng
RT: 11.54 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Tgt Ion:330 Resp: 168973

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.6	117.8
141	41.3	31.2	46.8



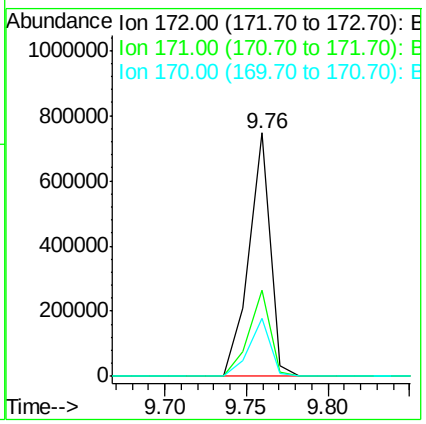


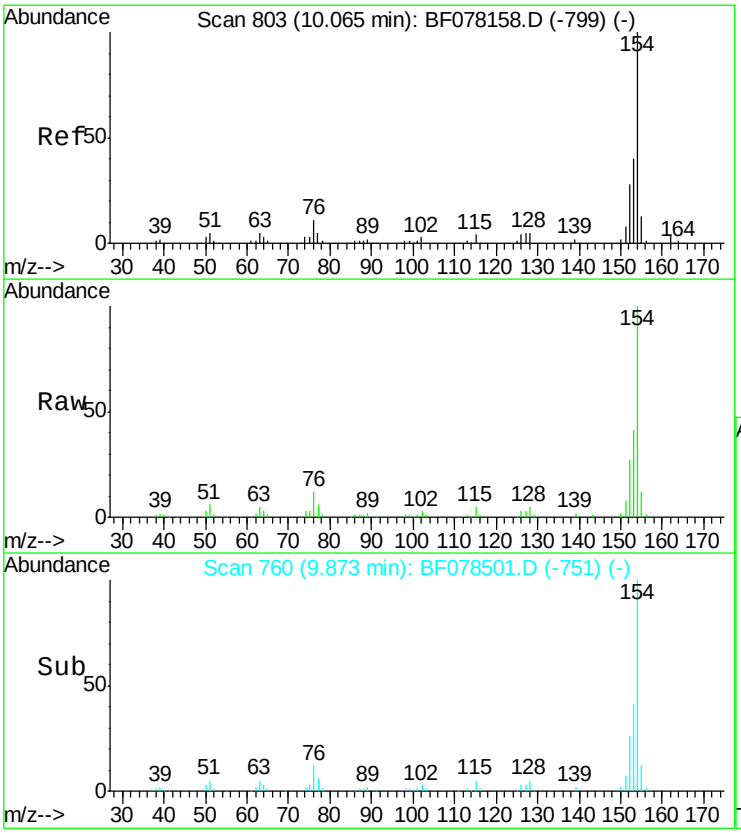
#44
2-Fluorobiphenyl
Concen: 146.04 ng
RT: 9.76 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
SB-10DA

Tgt Ion:172 Resp: 682234

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.6	18.5	27.7

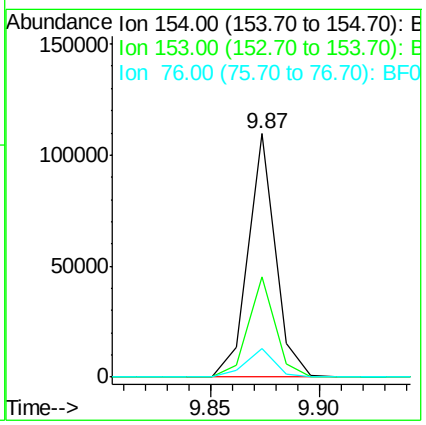


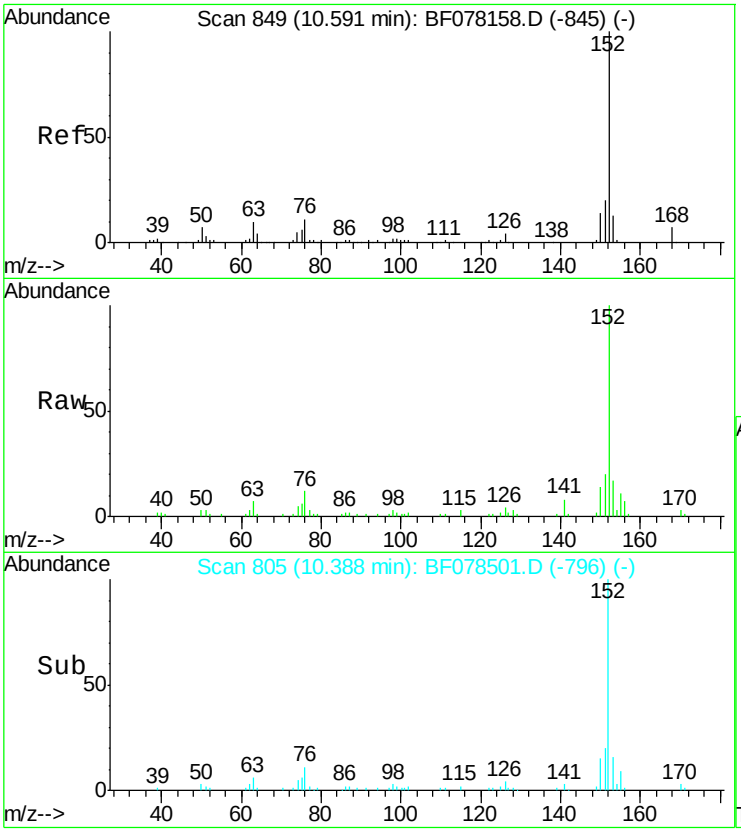


#45
1,1'-Biphenyl
Concen: 17.47 ng
RT: 9.87 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Tgt Ion:154 Resp: 95411

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.0	60.0
76	12.0	0.0	30.6



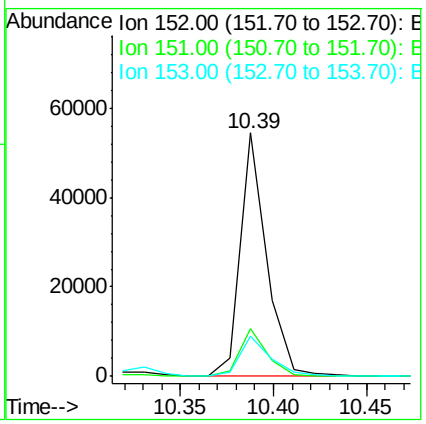


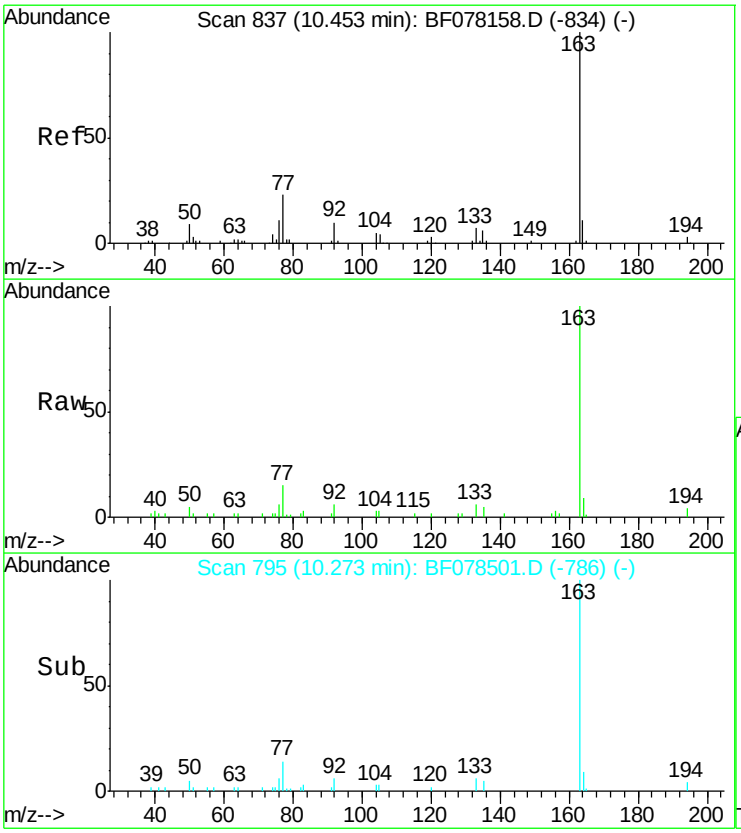
#48
Acenaphthylene
Concen: 7.73 ng
RT: 10.39 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
SB-10DA

Tgt Ion:152 Resp: 53614

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	16.6	10.2	15.2#

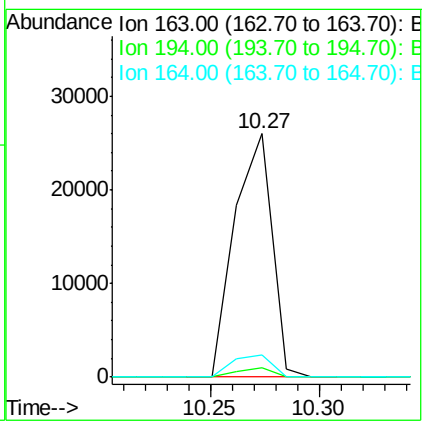


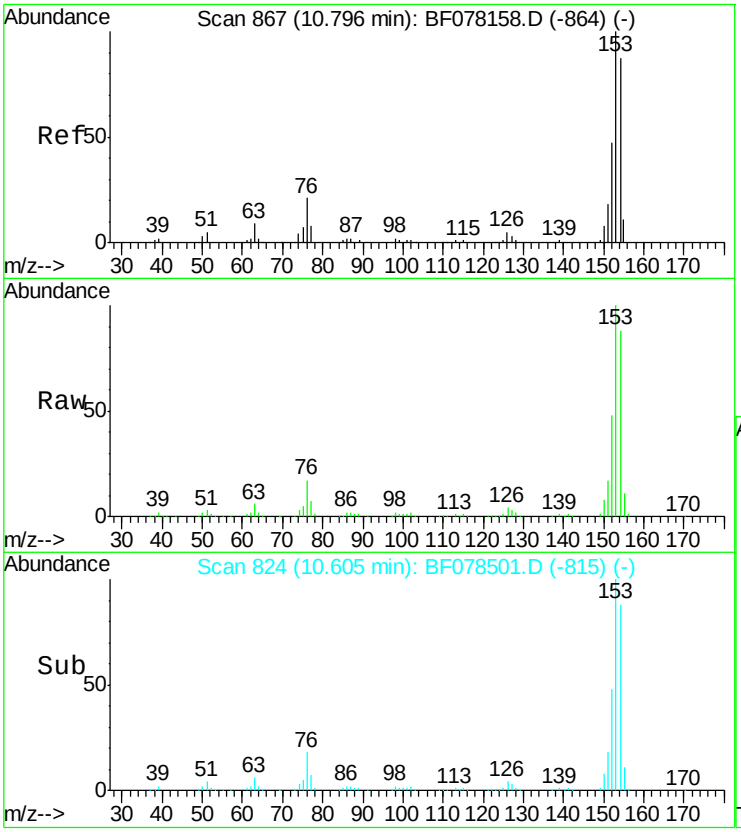


#49
Dimethylphthalate
Concen: 6.19 ng
RT: 10.27 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Tgt Ion:163 Resp: 31055

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.3	3.5#
164	9.0	8.6	13.0



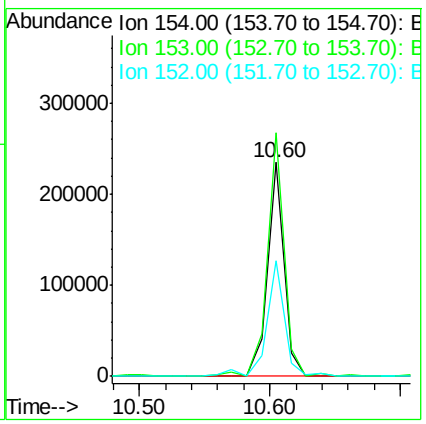


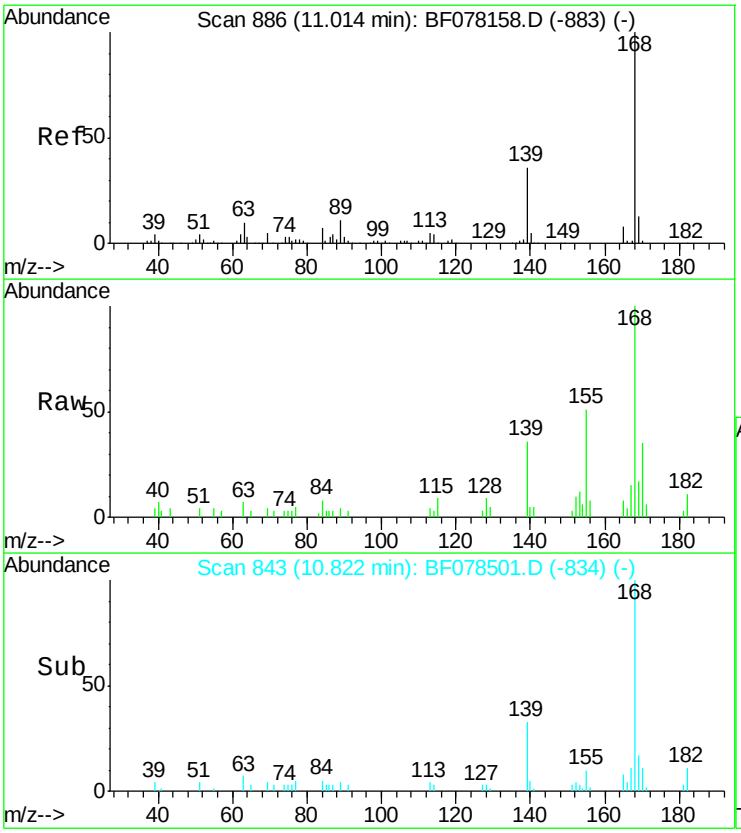
#51
Acenaphthene
Concen: 53.54 ng
RT: 10.60 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
SB-10DA

Tgt Ion:154 Resp: 209173

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.4	137.2
152	54.3	43.0	64.6

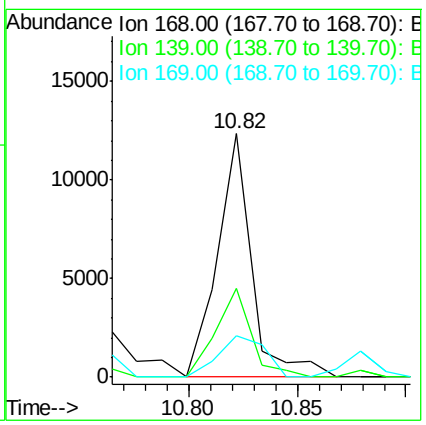


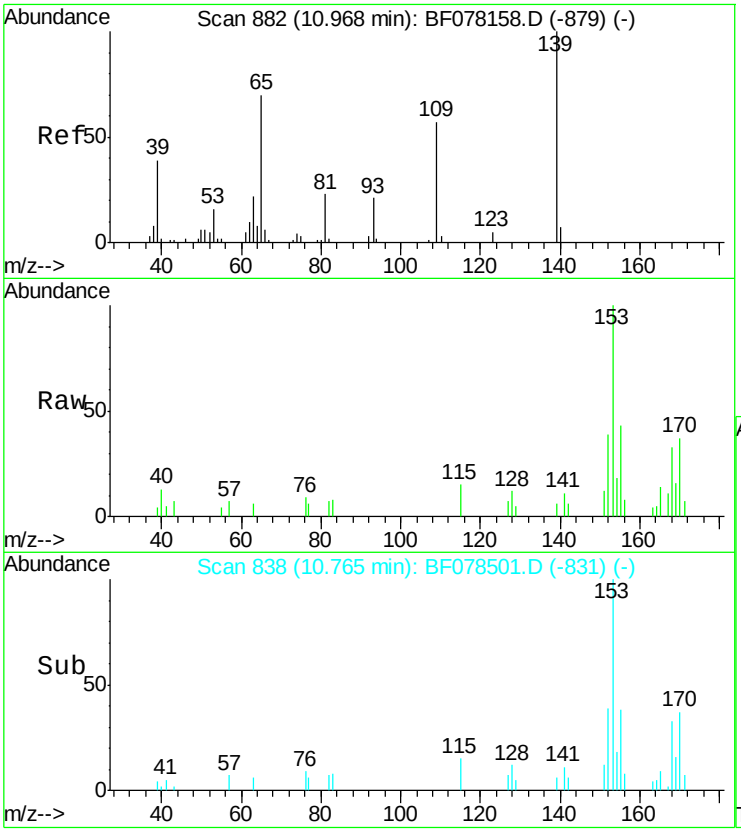


#54
Dibenzofuran
Concen: 2.26 ng
RT: 10.82 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Tgt Ion:168 Resp: 13470

Ion	Ratio	Lower	Upper
168	100		
139	36.2	31.0	46.4
169	17.1	10.7	16.1#



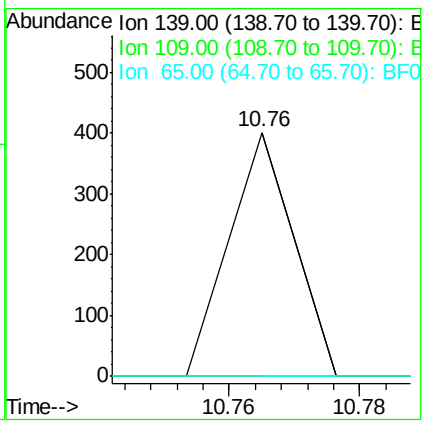


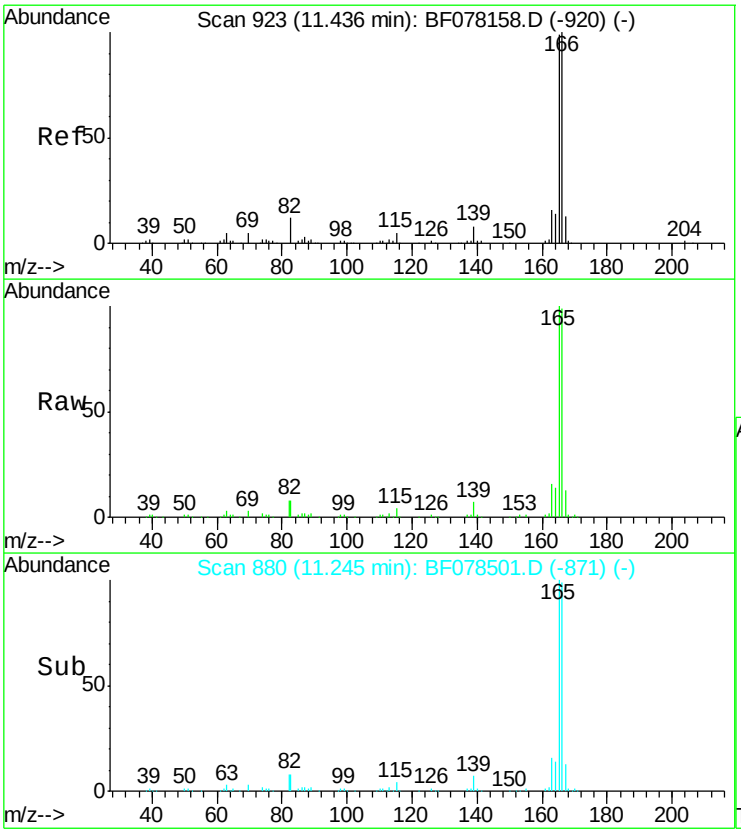
#55
4-Nitrophenol
Concen: 3.07 ng
RT: 10.76 min Scan# 838
Delta R.T. -0.02 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
SB-10DA

Tgt Ion:139 Resp: 275

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.7	76.7#
65	0.0	49.9	89.9#

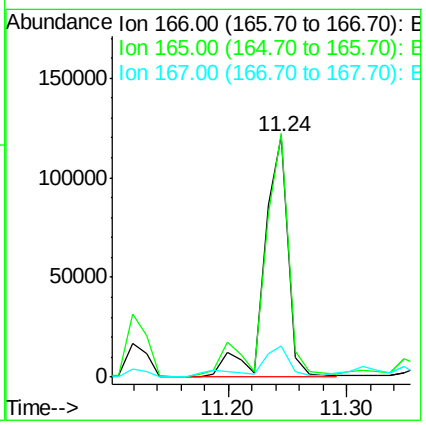


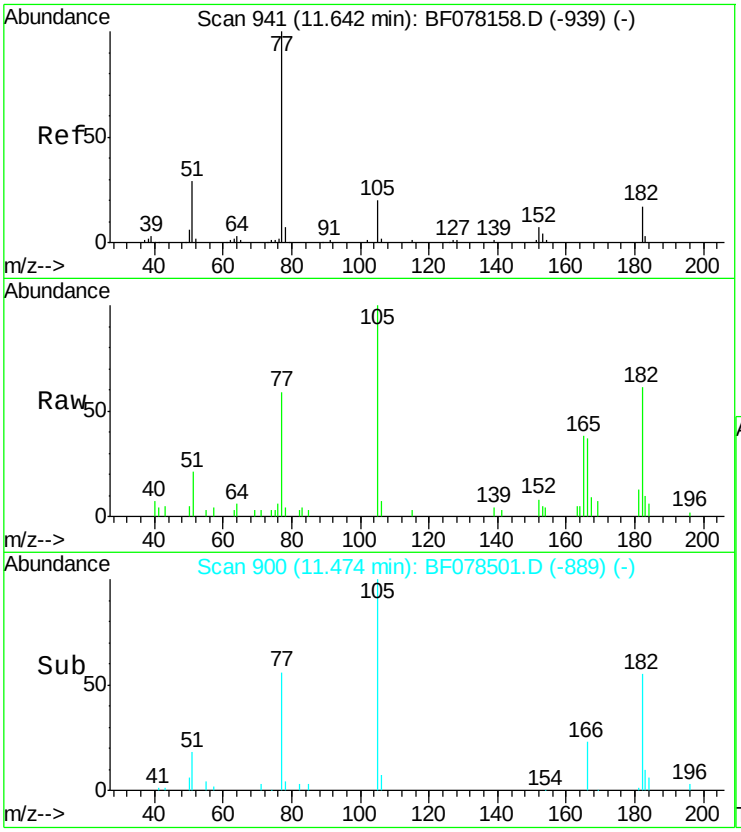


#57
Fluorene
Concen: 34.81 ng
RT: 11.24 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Tgt Ion:166 Resp: 168404

Ion	Ratio	Lower	Upper
166	100		
165	101.0	78.9	118.3
167	13.2	10.7	16.1



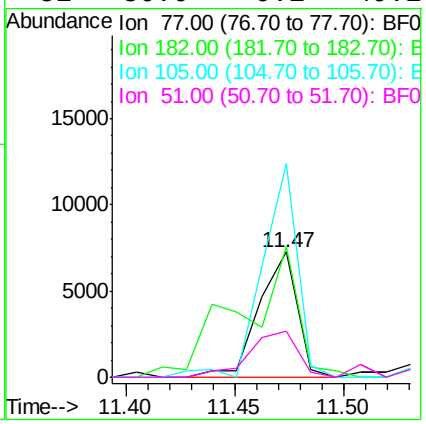


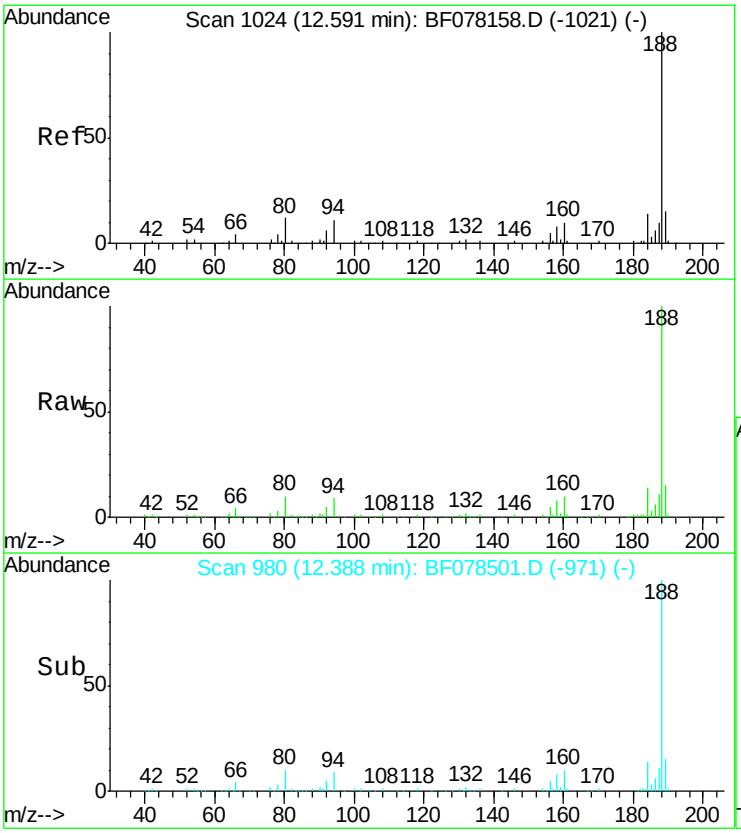
#62
Azobenzene
Concen: 2.04 ng
RT: 11.47 min Scan# 900
Delta R.T. 0.02 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
SB-10DA

Tgt Ion: 77 Resp: 9008

Ion	Ratio	Lower	Upper
77	100		
182	104.0	0.0	36.8#
105	170.6	0.3	40.3#
51	36.6	9.1	49.1

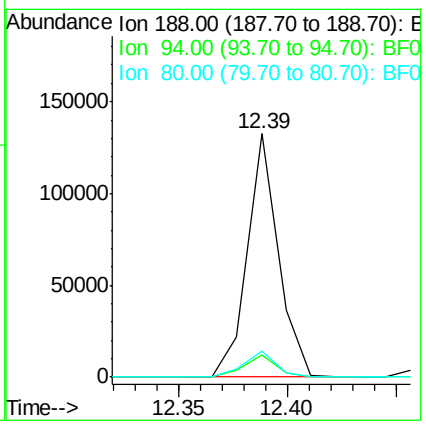


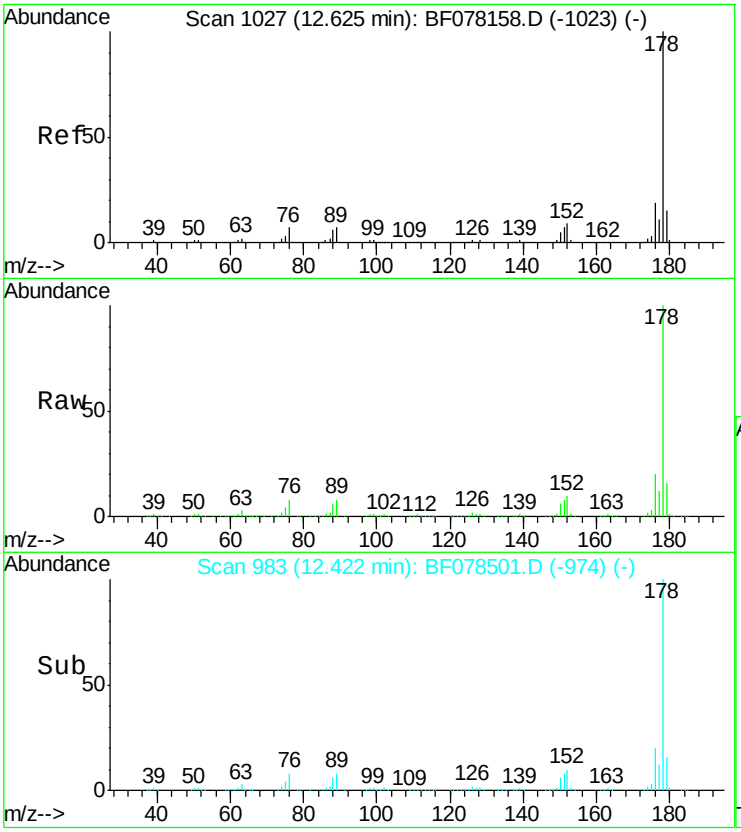


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Tgt Ion:188 Resp: 131690

Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	10.4	9.5	14.3



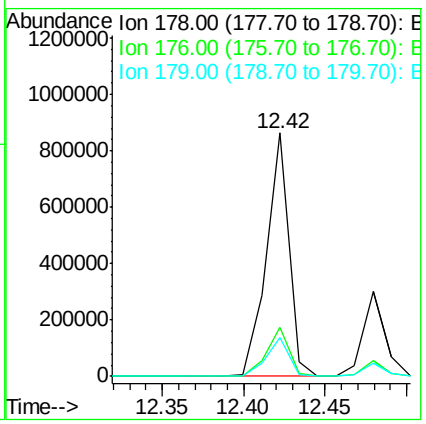


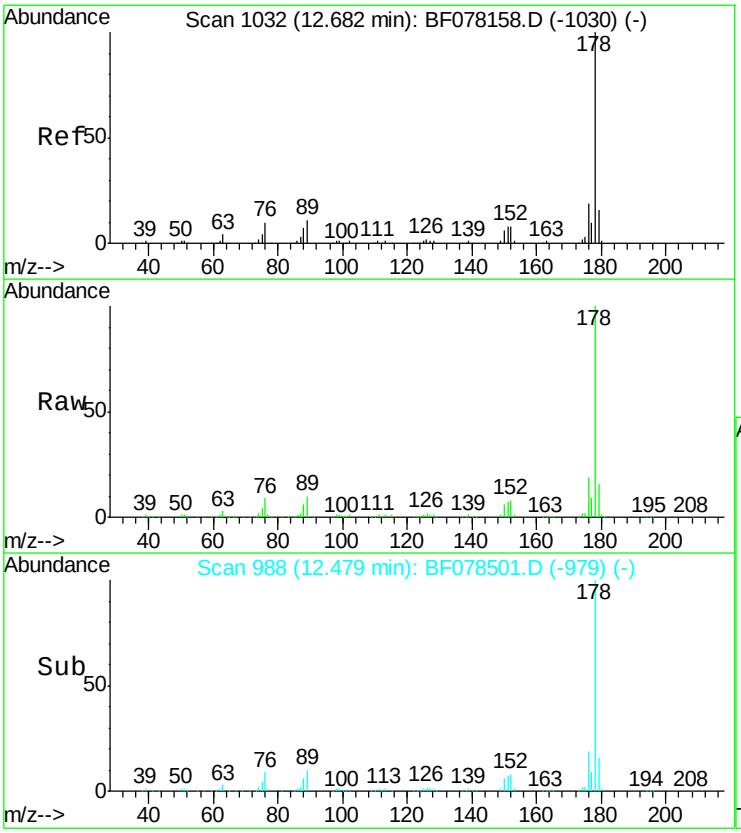
#70
Phenanthrene
Concen: 109.37 ng
RT: 12.42 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
SB-10DA

Tgt Ion:178 Resp: 833151

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.0
179	15.8	12.2	18.2

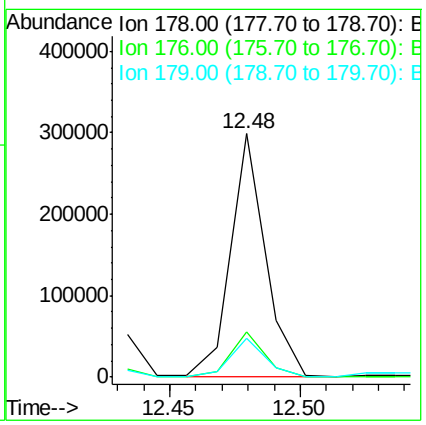


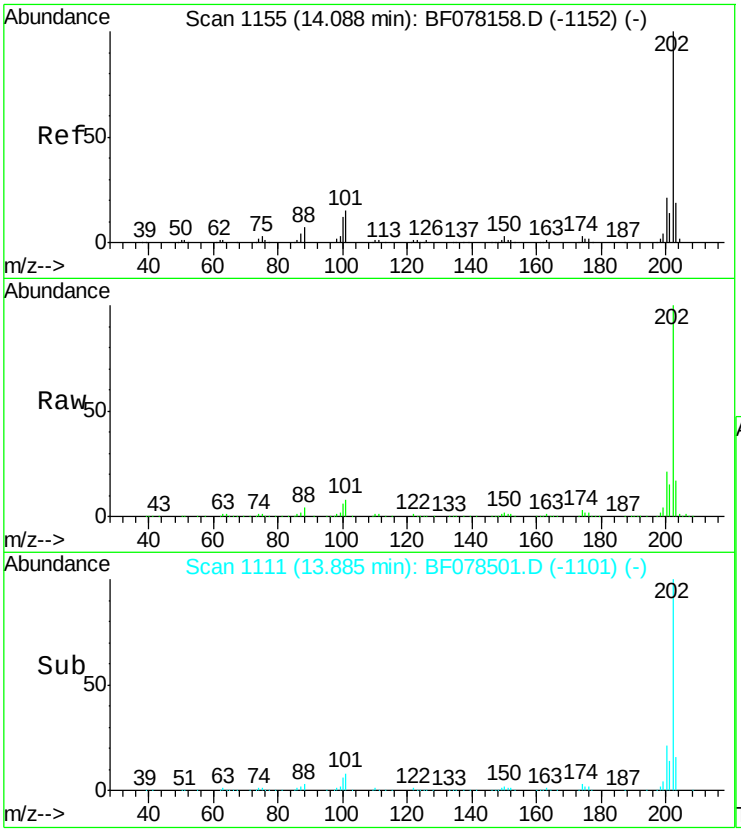


#71
Anthracene
Concen: 36.83 ng
RT: 12.48 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Tgt Ion:178 Resp: 276440

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	16.0	12.4	18.6



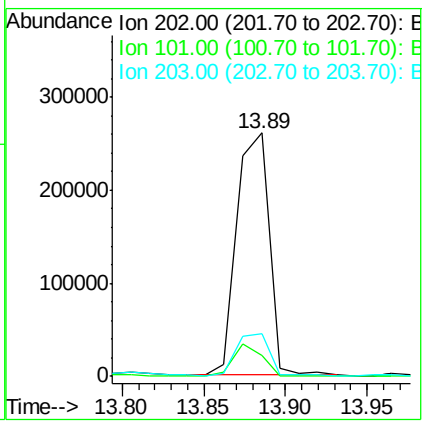


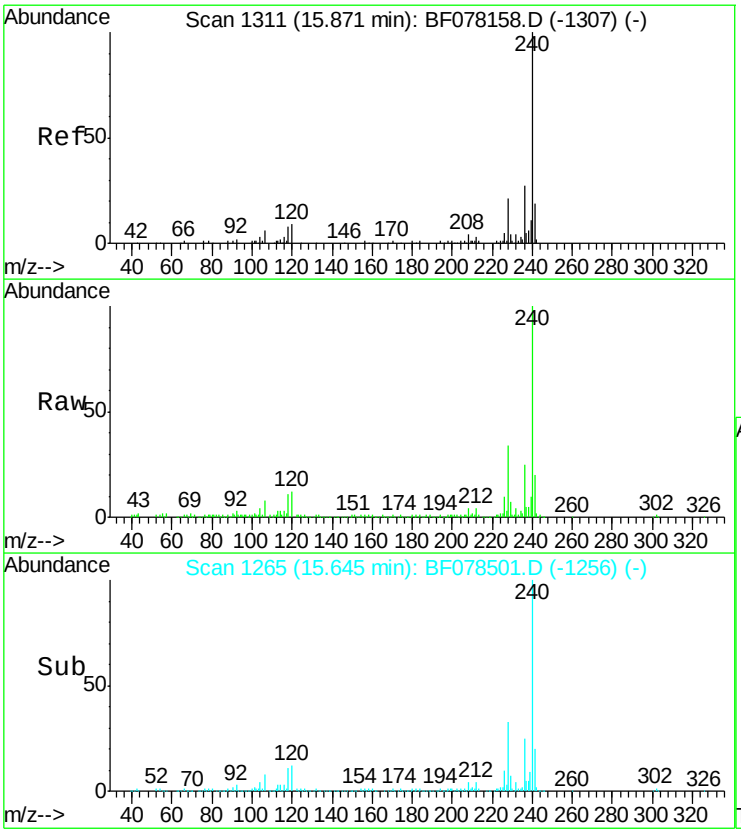
#74
Fluoranthene
Concen: 44.51 ng
RT: 13.89 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
SB-10DA

Tgt Ion:202 Resp: 357552

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	35.2
203	17.3	0.0	38.5

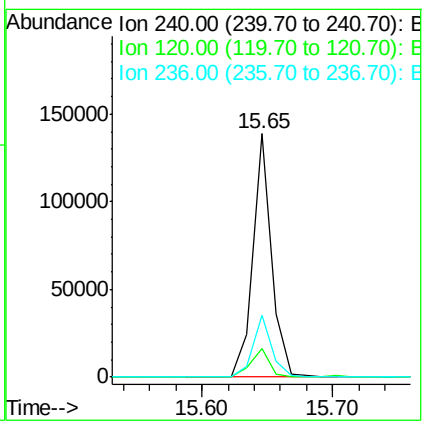


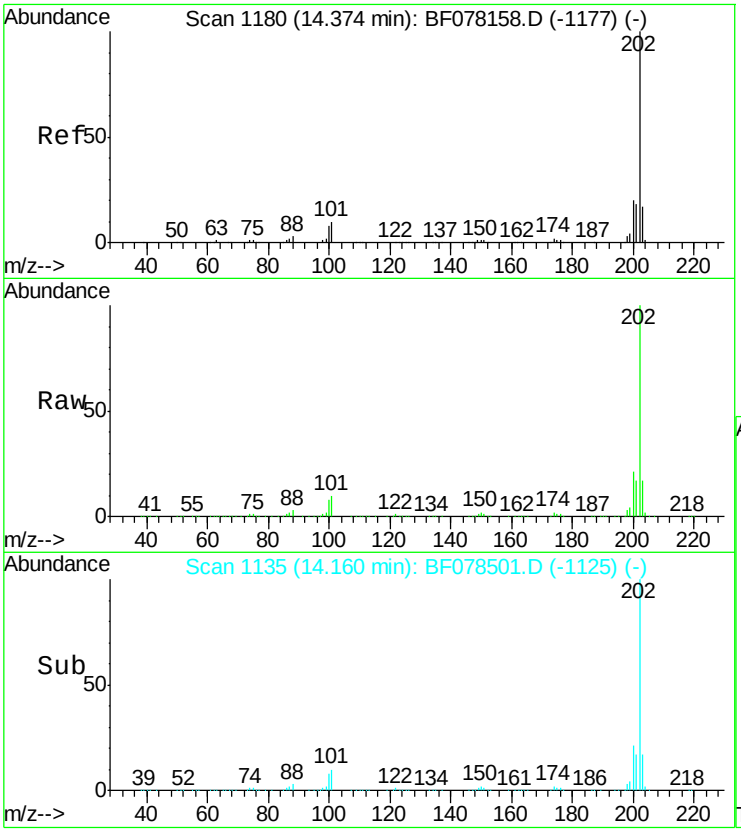


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Tgt Ion:240 Resp: 139641

Ion	Ratio	Lower	Upper
240	100		
120	11.9	7.1	10.7#
236	25.4	21.4	32.2



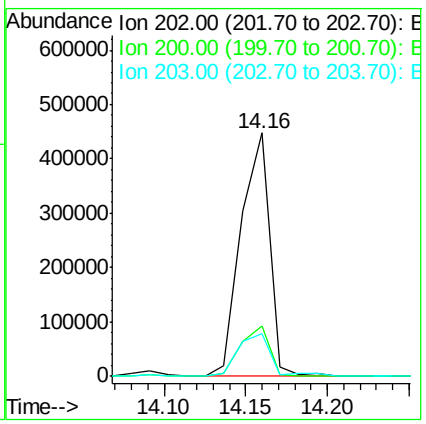


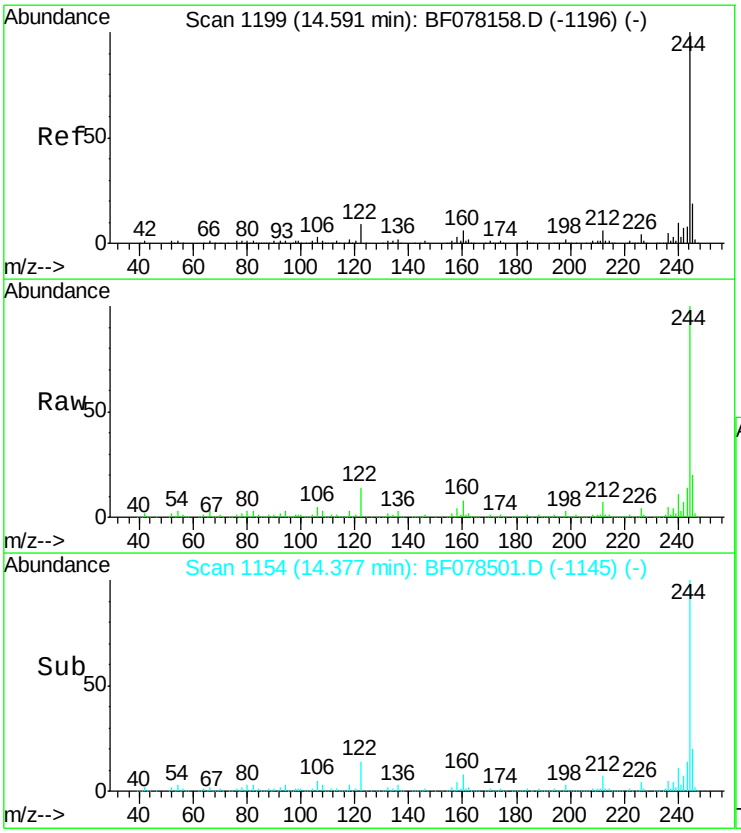
#77
Pyrene
Concen: 62.20 ng
RT: 14.16 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
SB-10DA

Tgt Ion:202 Resp: 545284

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.3	24.5
203	17.4	13.8	20.6

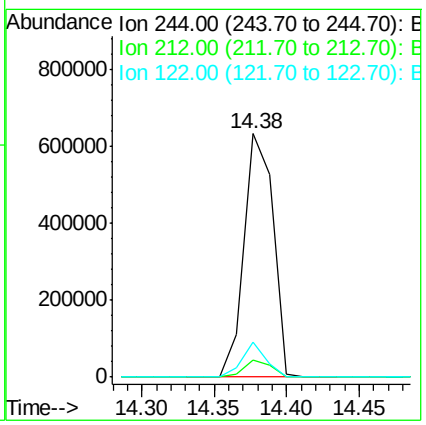


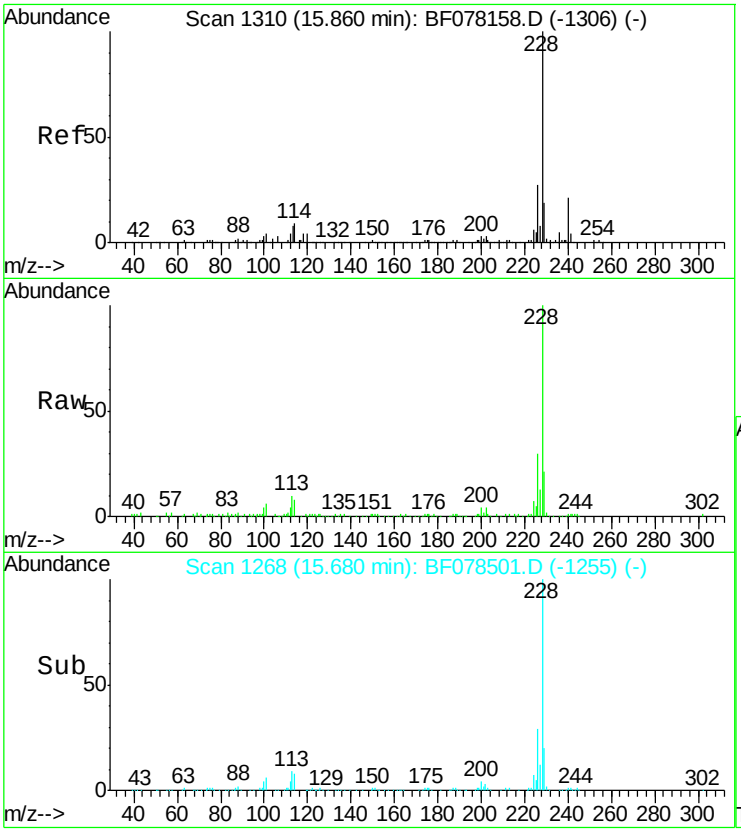


#78
Terphenyl-d14
Concen: 142.41 ng
RT: 14.38 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Tgt Ion:244 Resp: 880039

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.0	7.4
122	14.4	7.1	10.7#



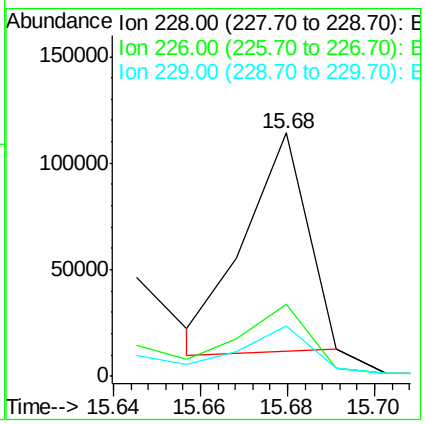


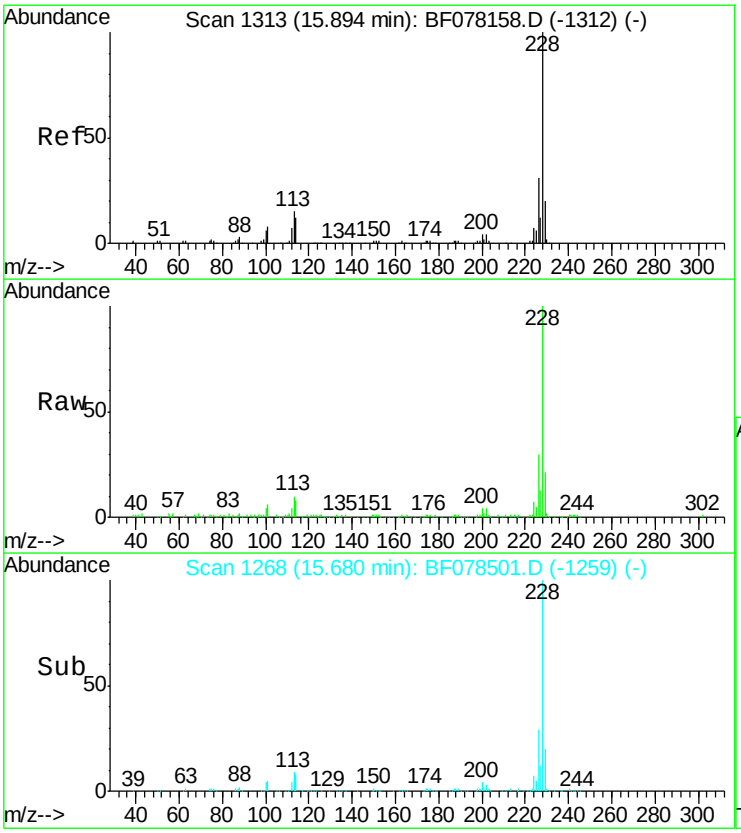
#80
Benzo(a)anthracene
Concen: 12.29 ng
RT: 15.68 min Scan# 1268
Delta R.T. 0.05 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
SB-10DA

Tgt Ion:228 Resp: 102119

Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.3	31.9
229	20.6	15.4	23.2

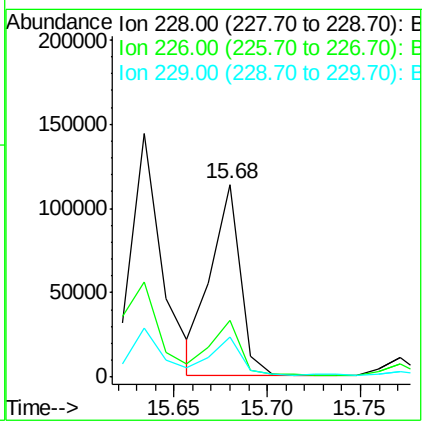


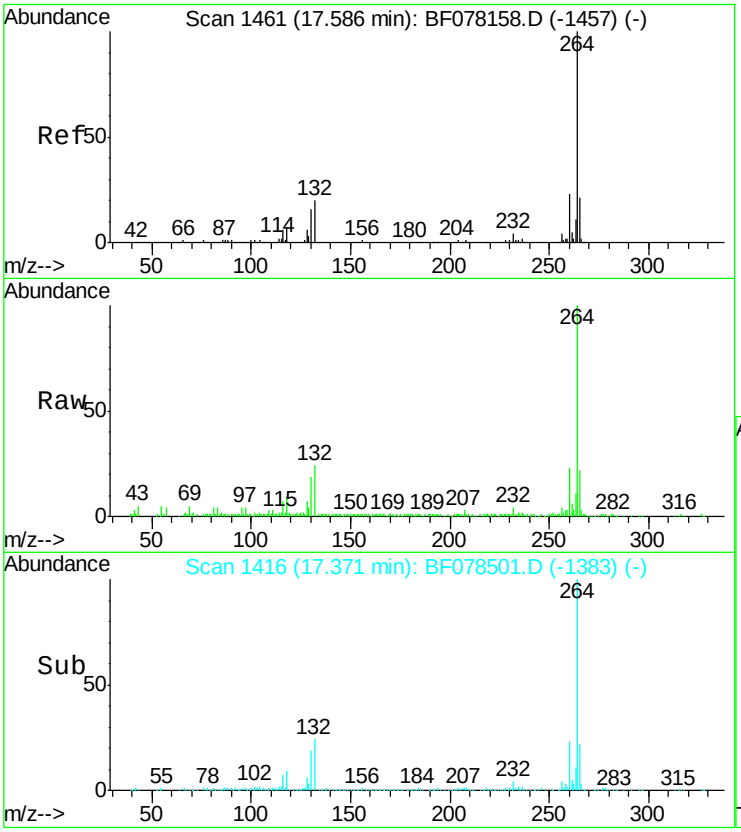


#82
Chrysene
Concen: 15.91 ng
RT: 15.68 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Tgt Ion:228 Resp: 124195

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.4
229	20.6	15.8	23.8



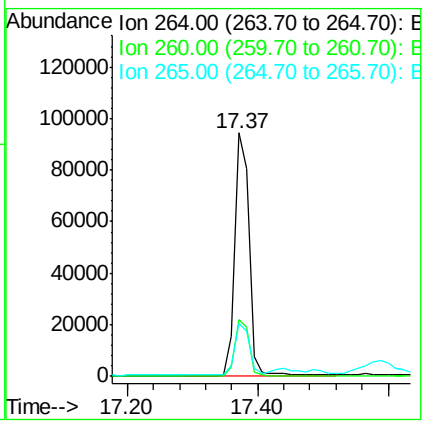


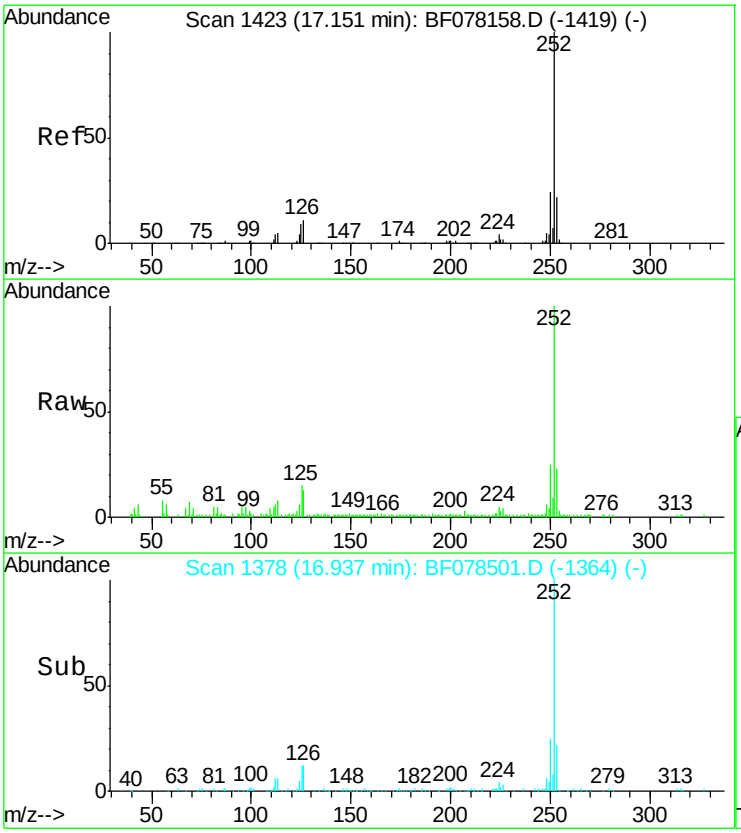
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.37 min Scan# 1416
Delta R.T. 0.08 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
SB-10DA

Tgt Ion:264 Resp: 143591

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.9	17.0	25.6

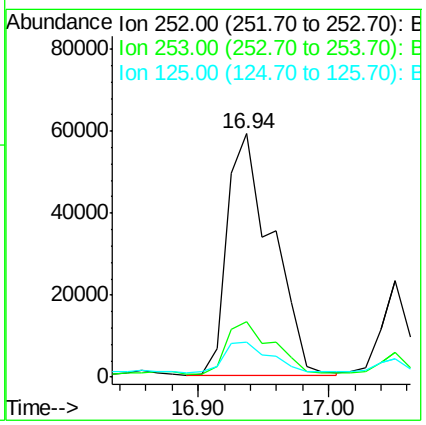


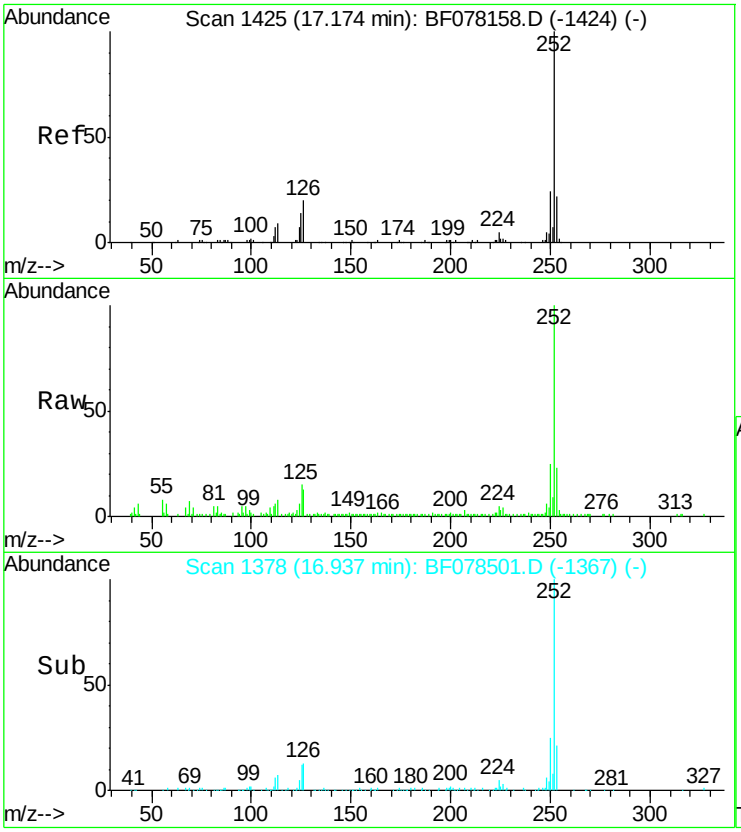


#87
Benzo(b)fluoranthene
Concen: 15.87 ng
RT: 16.94 min Scan# 1378
Delta R.T. 0.06 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Tgt Ion:252 Resp: 140833

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	14.5	7.0	10.4#



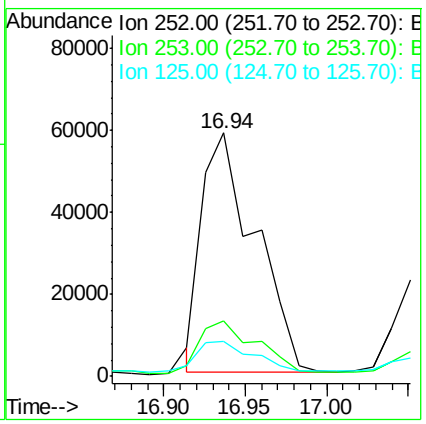


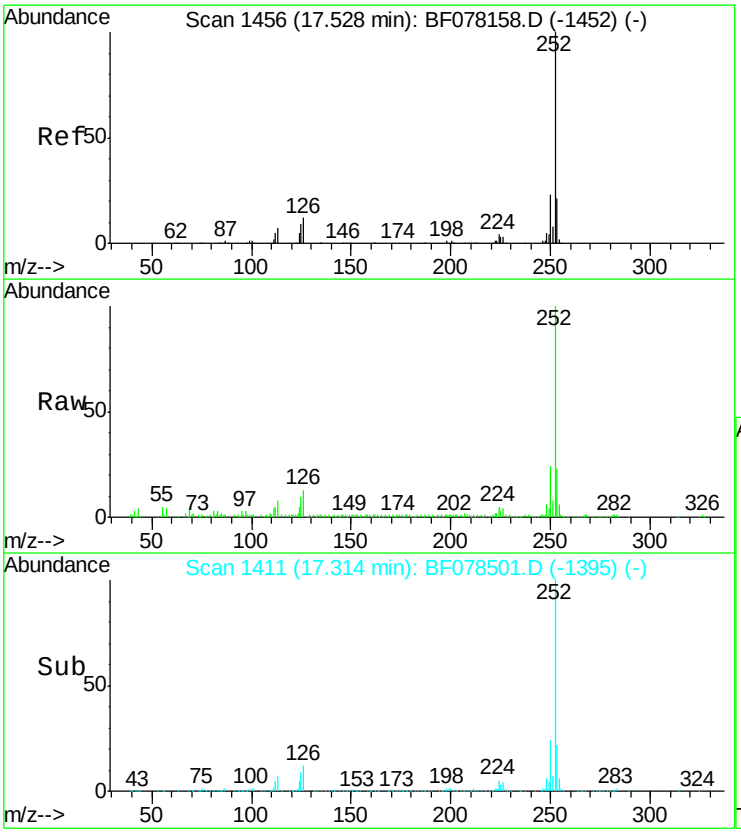
#88
Benzo(k)fluoranthene
Concen: 16.82 ng
RT: 16.94 min Scan# 1378
Delta R.T. 0.02 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
SB-10DA

Tgt Ion:252 Resp: 132617

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	14.5	11.6	17.4

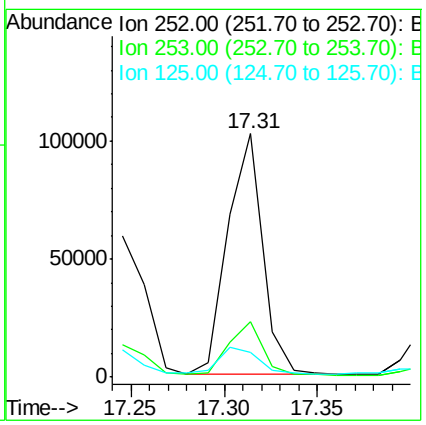


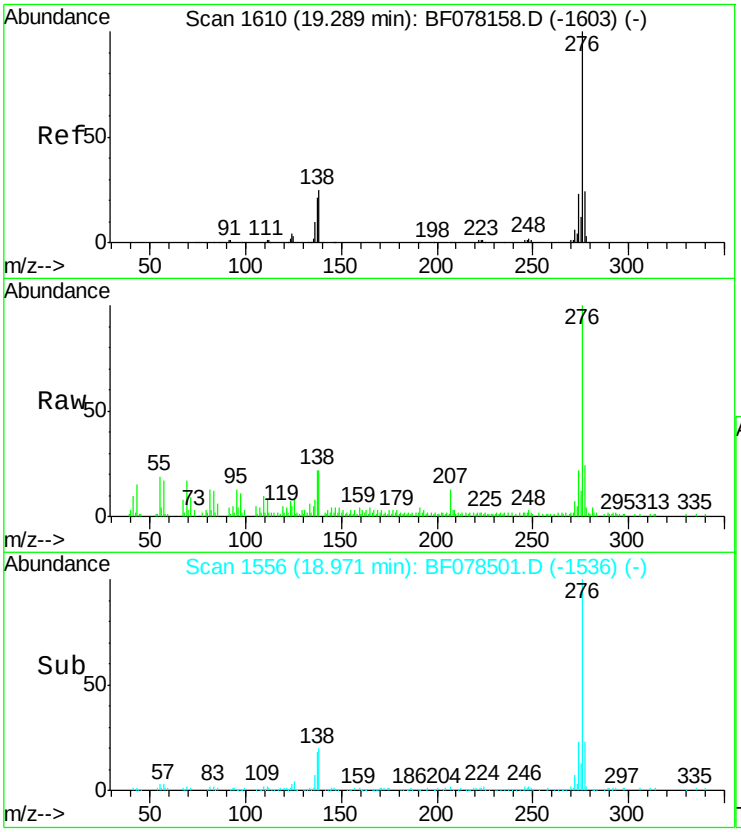


#89
Benzo(a)pyrene
Concen: 17.21 ng
RT: 17.31 min Scan# 1411
Delta R.T. 0.08 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Tgt Ion:252 Resp: 133283

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.8	25.2
125	10.3	7.4	11.0





#91
Benzo(g,h,i)perylene
Concen: 7.18 ng
RT: 18.97 min Scan# 1556
Delta R.T. 0.13 min
Lab File: BF078501.D
Acq: 14 Apr 2015 12:46

Instrument :
BNA_F
ClientSampleId :
SB-10DA

Tgt Ion:276 Resp: 55858

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	22.0	19.9	29.9