Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078508.D
Acq On : 14 Apr 2015 19:30
Operator : TP/IZ
Sample : G1828-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-SB06B

Quant Time: Apr 15 01:56:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 01:10:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	16940	20.00	ng		0.00
21) Naphthalene-d8	8.38	136	74010	20.00	ng		-0.01
38) Acenaphthene-d10	10.54	164	40518	20.00	ng		0.00
63) Phenanthrene-d10	12.37	188	82779	20.00	ng		0.00
75) Chrysene-d12	15.62	240	98981	20.00	ng		-0.03
86) Perylene-d12	17.33	264	109184	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	125837	122.48	ng		0.01
7) Phenol-d6	6.41	99	174606	135.61	ng		0.00
23) Nitrobenzene-d5	7.51	82	105396	86.32	ng		0.00
41) 2,4,6-Tribromophenol	11.52	330	47880	142.48	ng		0.00
44) 2-Fluorobiphenyl	9.74	172	210208	74.16	ng		0.00
78) Terphenyl-d14	14.35	244	270359	61.72	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.43	94	4471	2.90	ng	#	63
31) Naphthalene	8.41	128	21036	5.46	ng		99
37) 2-Methylnaphthalene	9.27	142	9210	3.52	ng		95
48) Acenaphthylene	10.36	152	17900	4.25	ng		97
49) Dimethylphthalate	10.24	163	9253	3.04	ng	#	95
51) Acenaphthene	10.58	154	31683	13.36	ng		99
54) Dibenzofuran	10.80	168	22694	6.27	ng		95
57) Fluorene	11.21	166	38083	12.97	ng		99
70) Phenanthrene	12.40	178	493295	103.02	ng		99
71) Anthracene	12.46	178	99181	21.02	ng		99
72) Carbazole	12.67	167	33057	7.48	ng		99
74) Fluoranthene	13.86	202	819733	162.33	ng		95
77) Pyrene	14.14	202	682461	109.83	ng		98
80) Benzo(a)anthracene	15.61	228	333286	56.59	ng		97
82) Chrysene	15.66	228	301404	54.47	ng		98
85) Indeno(1,2,3-cd)pyrene	18.55	276	198714m	31.65	ng		
87) Benzo(b)fluoranthene	16.89	252	474141	70.26	ng	#	95
88) Benzo(k)fluoranthene	16.93	252	103055m	17.19	ng		
89) Benzo(a)pyrene	17.26	252	274018	46.53	ng	#	92
90) Dibenzo(a,h)anthracene	18.56	278	45933m	7.79	ng		
91) Benzo(g,h,i)perylene	18.89	276	196179m	33.19	ng		

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

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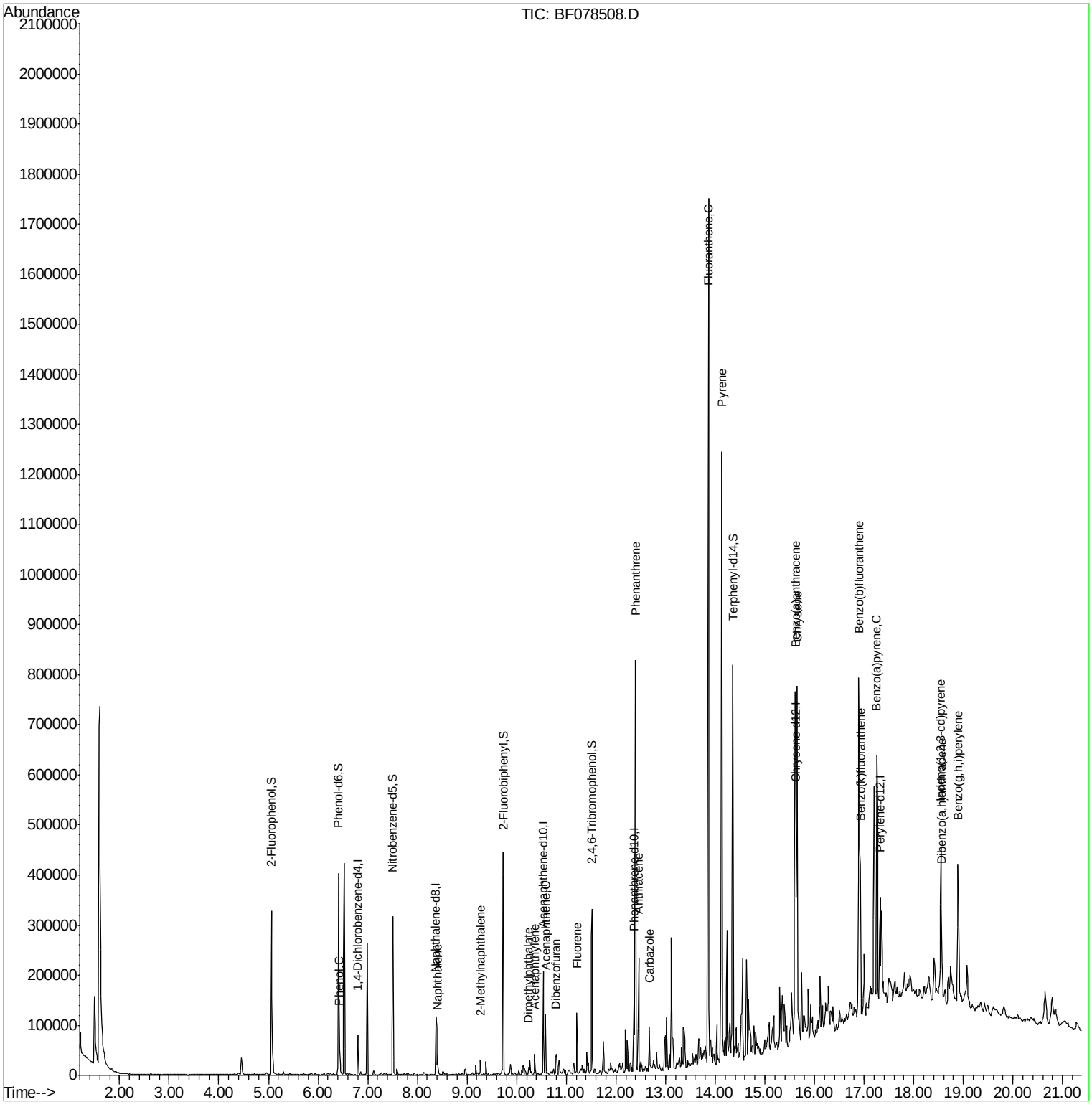
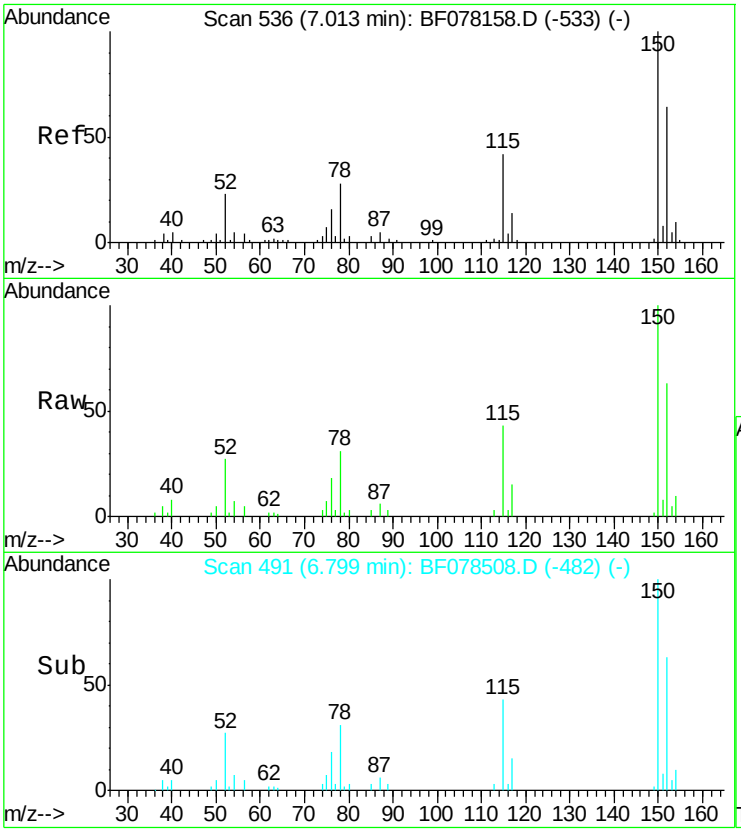


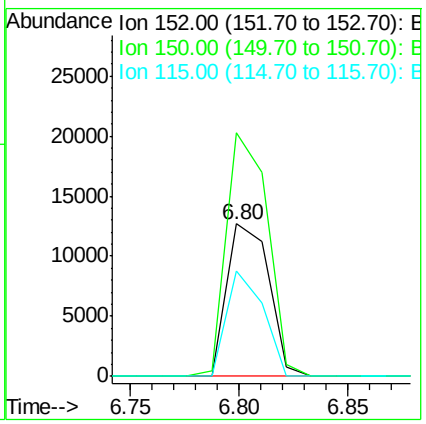


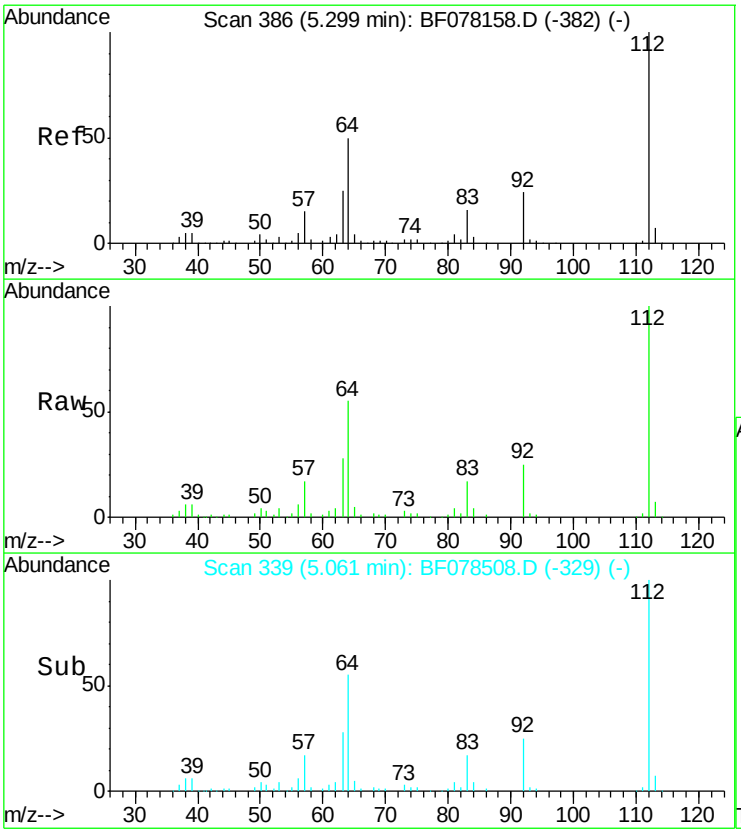
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

Tgt Ion:152 Resp: 16940

Ion	Ratio	Lower	Upper
152	100		
150	159.8	125.9	188.9
115	68.8	52.7	79.1

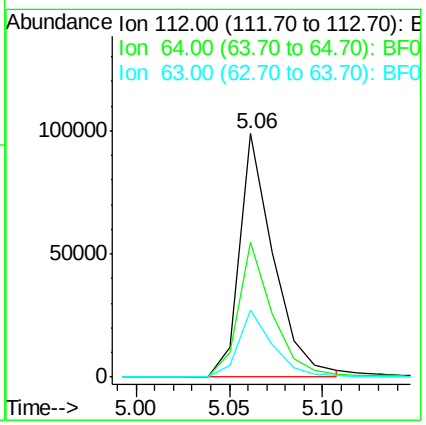


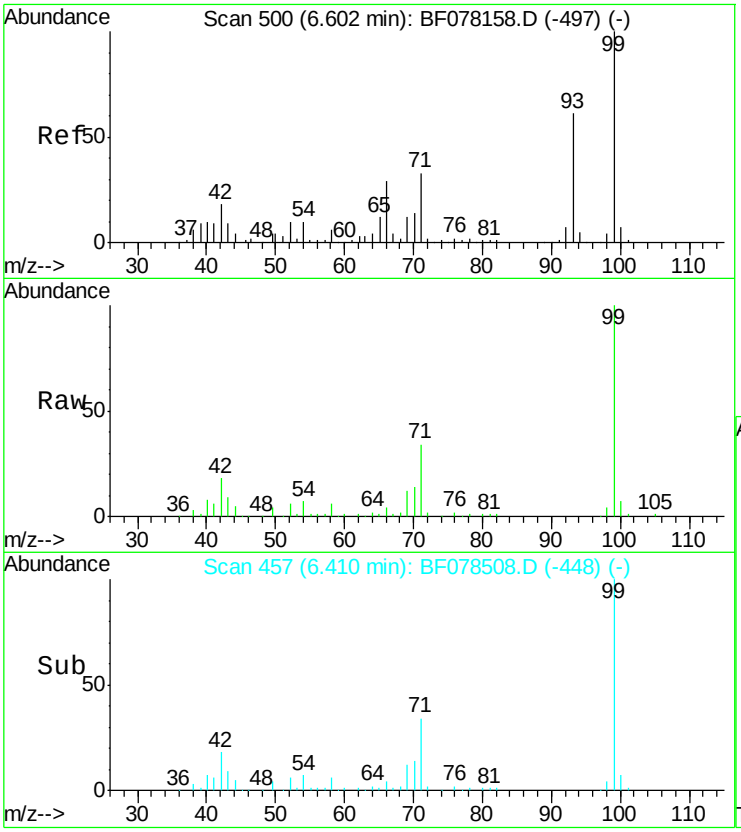


#5
2-Fluorophenol
Concen: 122.48 ng
RT: 5.06 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Tgt Ion:112 Resp: 125837

Ion	Ratio	Lower	Upper
112	100		
64	55.2	39.9	59.9
63	27.7	20.2	30.4



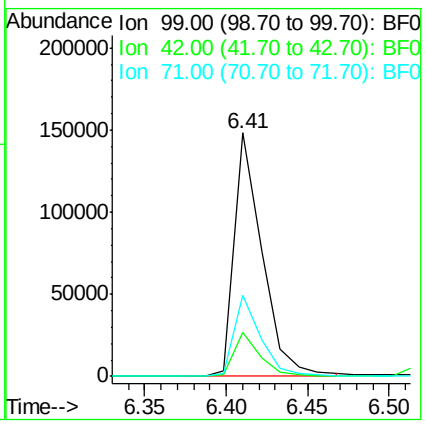


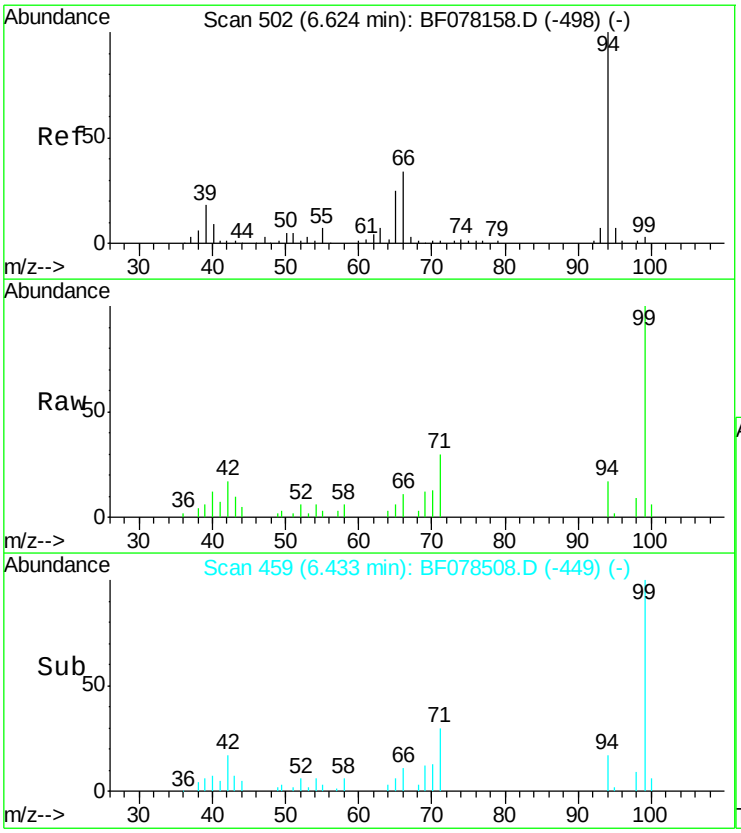
#7
Phenol-d6
Concen: 135.61 ng
RT: 6.41 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

Tgt Ion: 99 Resp: 174606

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.8	22.2
71	33.5	26.6	39.8

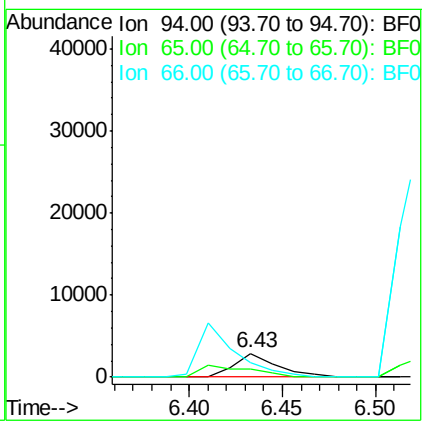


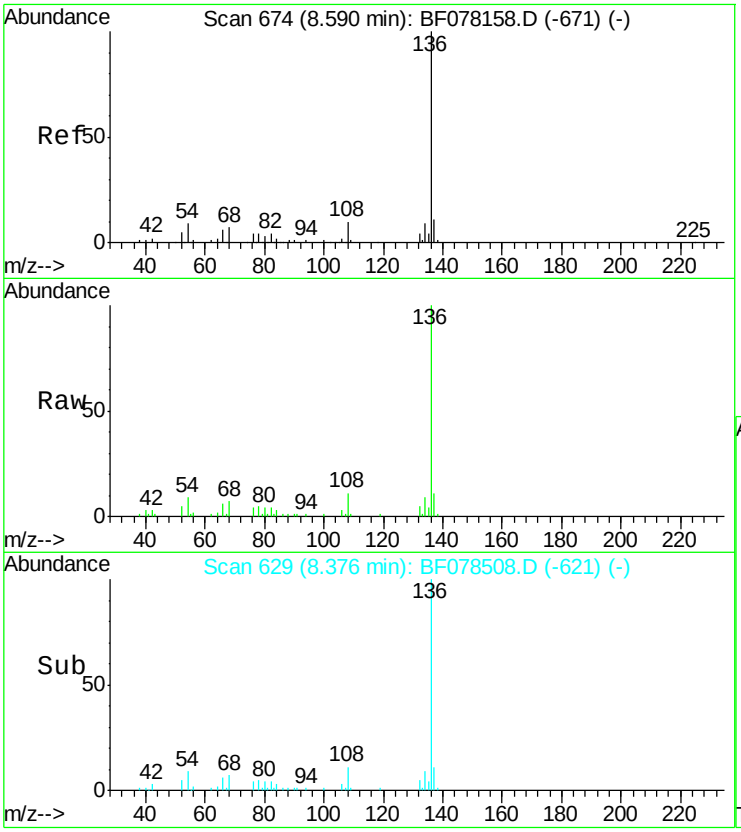


#10
Phenol
Concen: 2.90 ng
RT: 6.43 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Tgt Ion: 94 Resp: 4471

Ion	Ratio	Lower	Upper
94	100		
65	34.4	4.9	44.9
66	62.2	13.8	53.8#



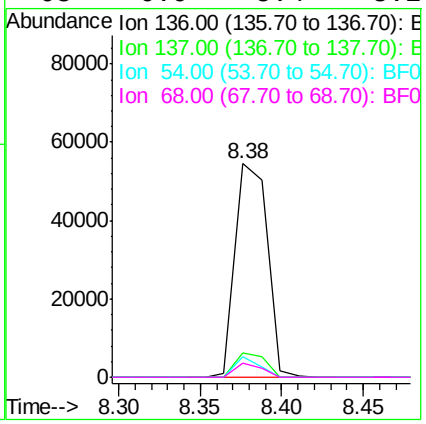


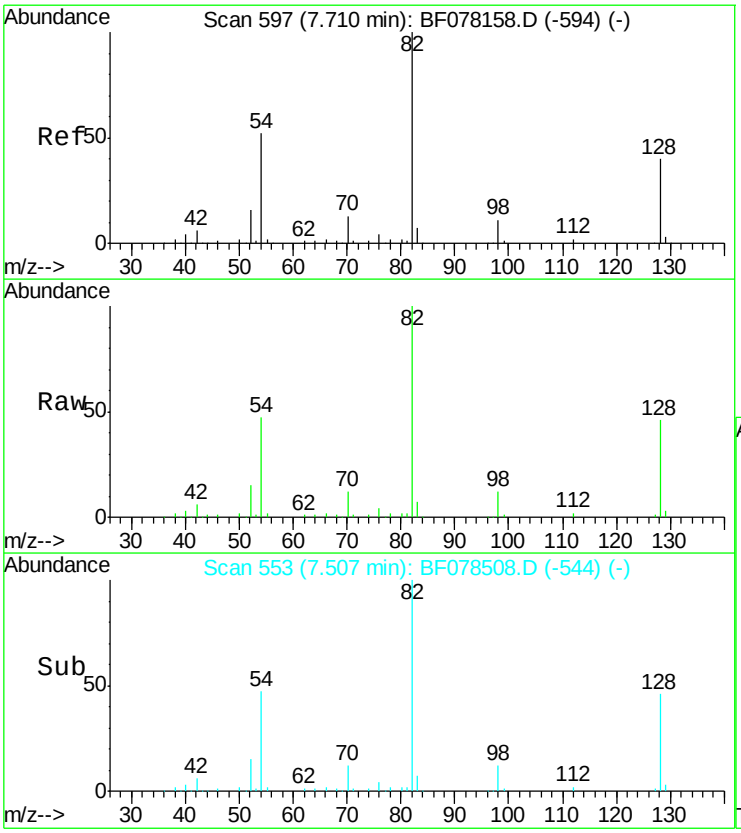
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.38 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

Tgt Ion:136 Resp: 74010

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	9.3	7.0	10.6
68	6.9	5.4	8.2

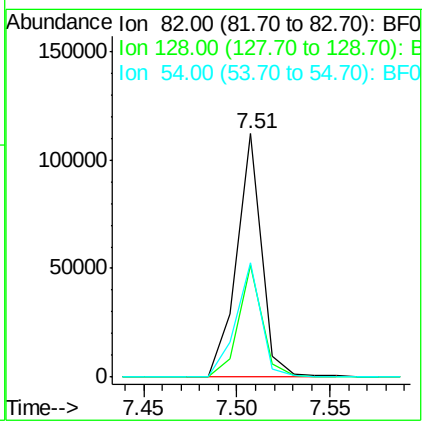


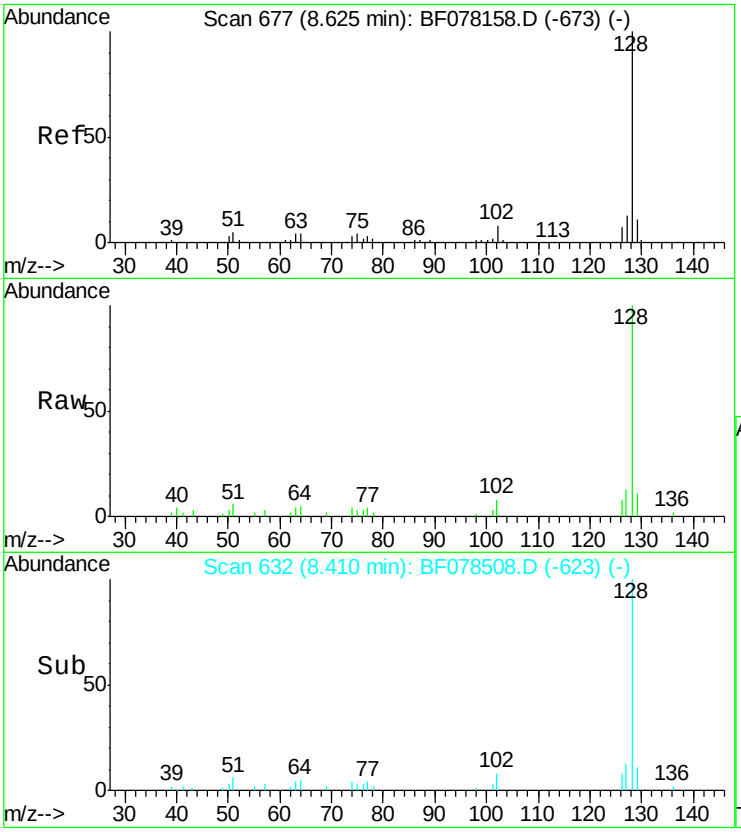


#23
Nitrobenzene-d5
Concen: 86.32 ng
RT: 7.51 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Tgt Ion: 82 Resp: 105396

Ion	Ratio	Lower	Upper
82	100		
128	45.9	31.8	47.8
54	46.8	41.5	62.3



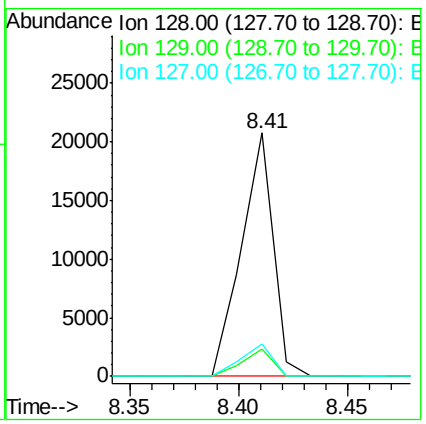


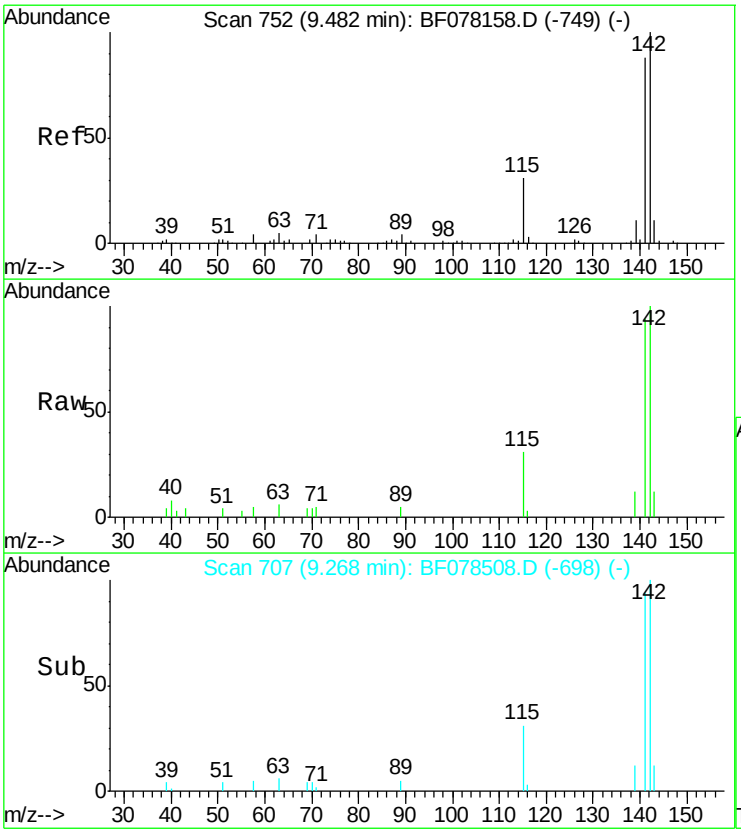
#31
Naphthalene
Concen: 5.46 ng
RT: 8.41 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

Tgt Ion:128 Resp: 21036

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.1	10.7	16.1

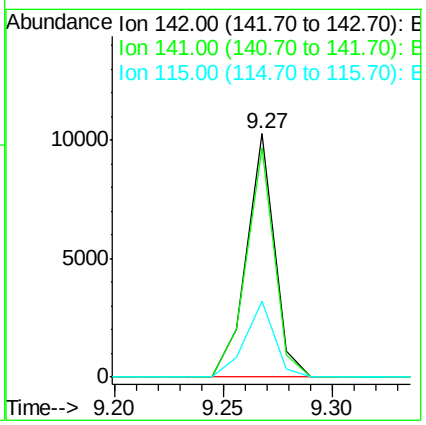


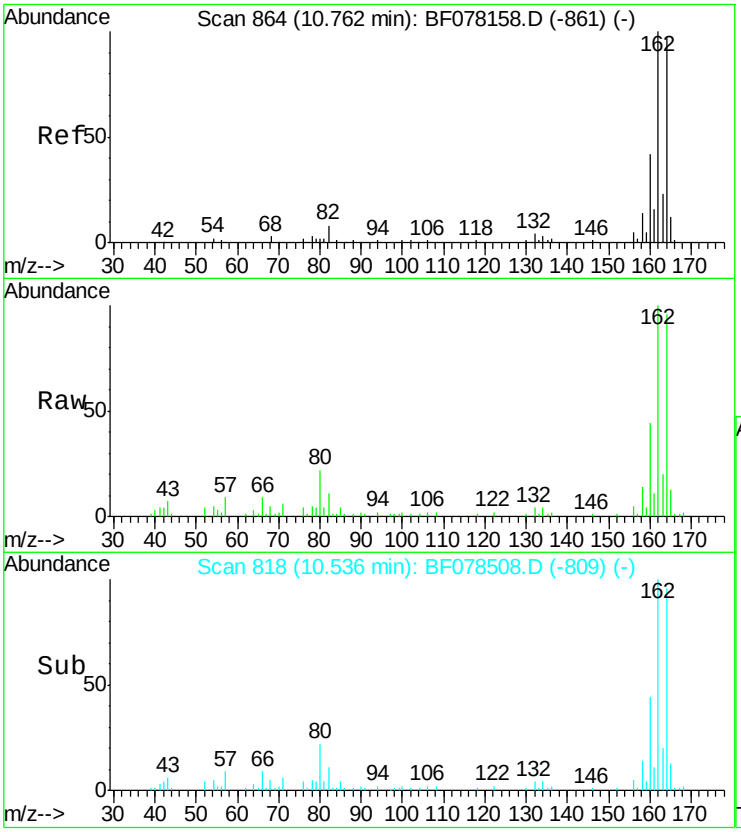


#37
2-Methylnaphthalene
Concen: 3.52 ng
RT: 9.27 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Tgt Ion:142 Resp: 9210

Ion	Ratio	Lower	Upper
142	100		
141	94.1	70.3	105.5
115	31.3	24.6	37.0



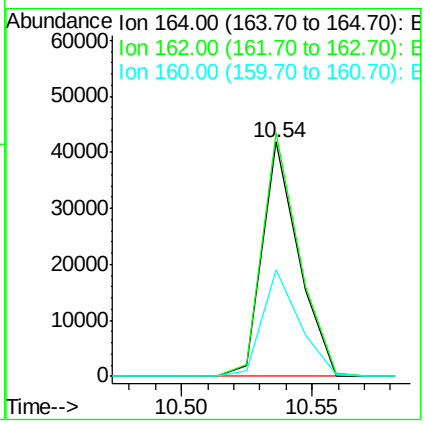


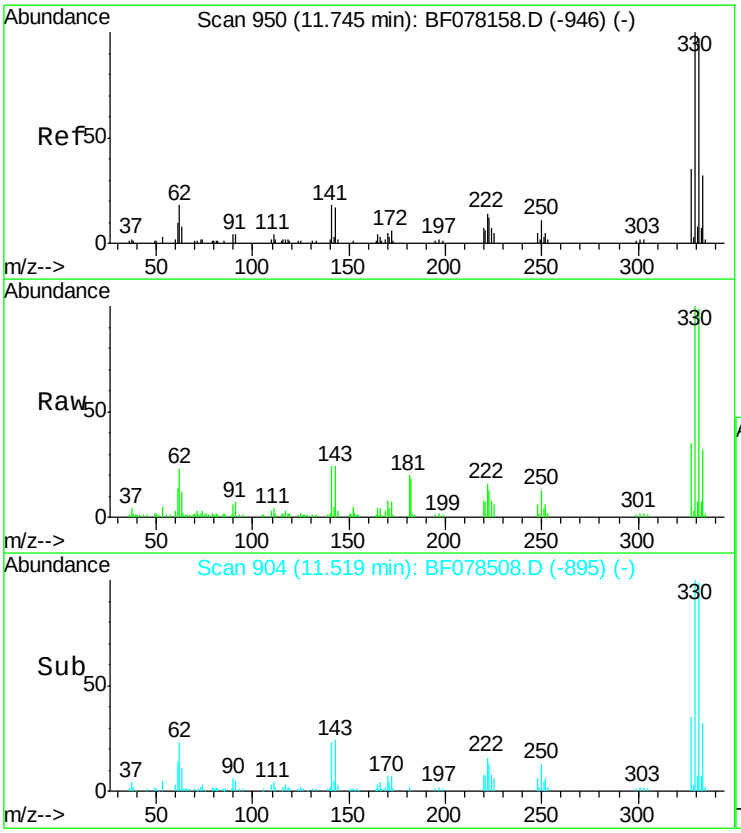
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.54 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

Tgt Ion:164 Resp: 40518

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.2	123.2
160	45.5	34.7	52.1

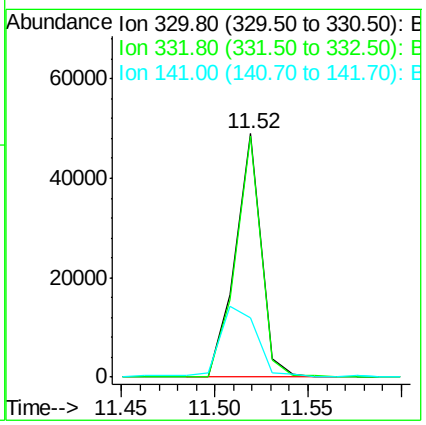


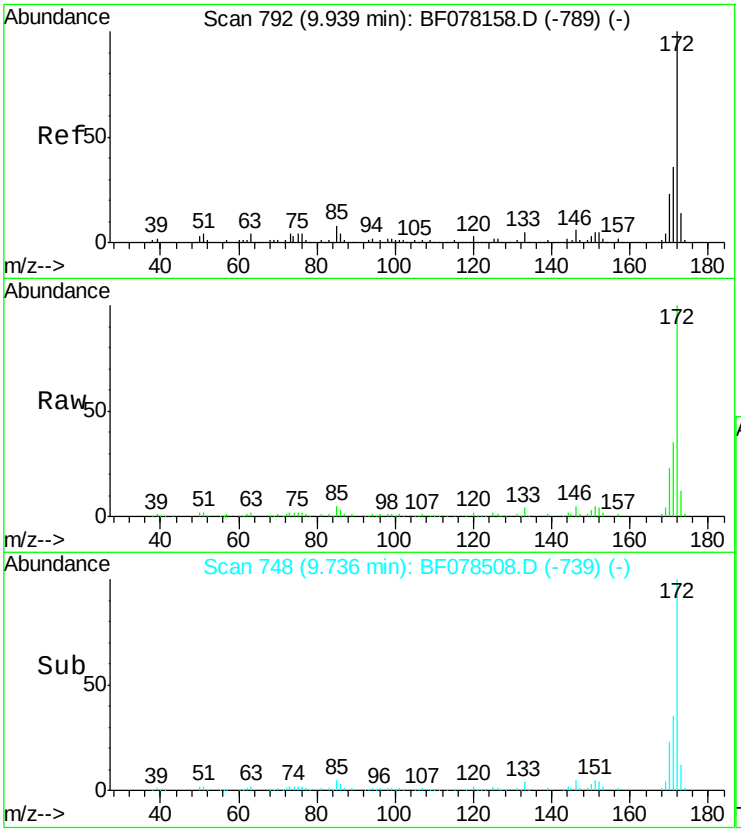


#41
2,4,6-Tribromophenol
Concen: 142.48 ng
RT: 11.52 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Tgt Ion:330 Resp: 47880

Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.6	117.8
141	41.9	31.2	46.8



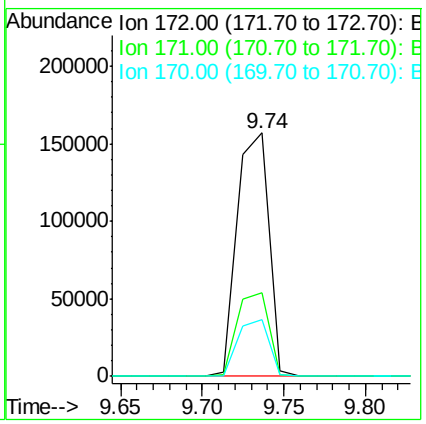


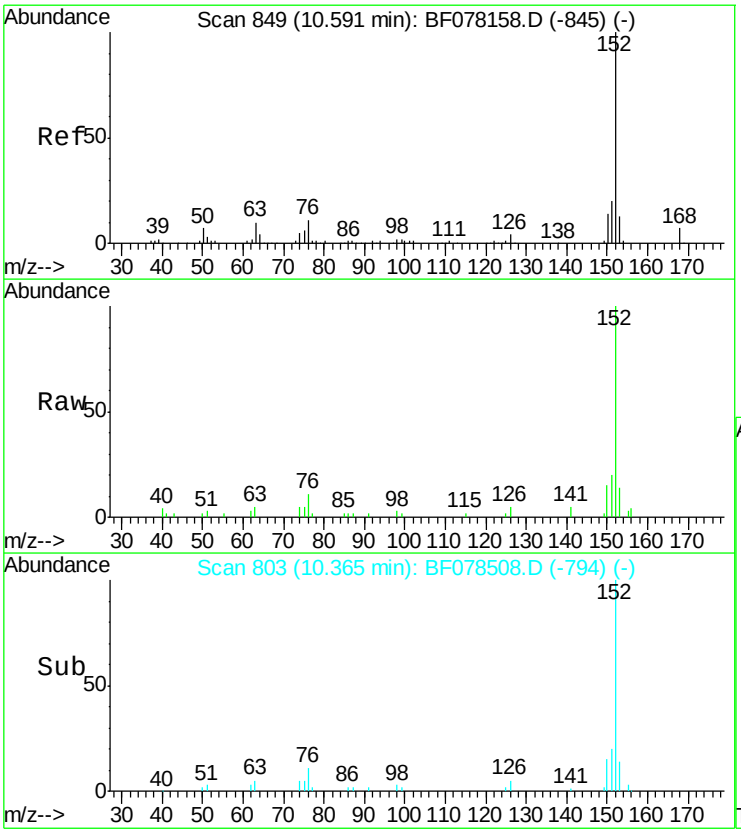
#44
2-Fluorobiphenyl
Concen: 74.16 ng
RT: 9.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

Tgt Ion:172 Resp: 210208

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	42.8
170	23.1	18.5	27.7

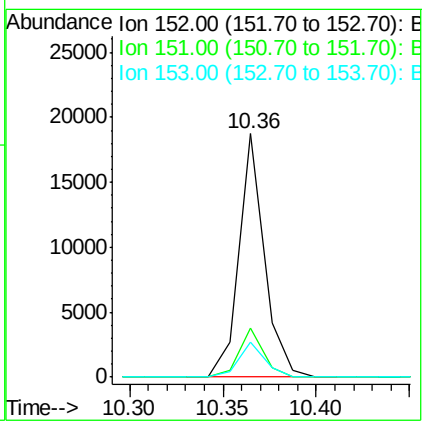


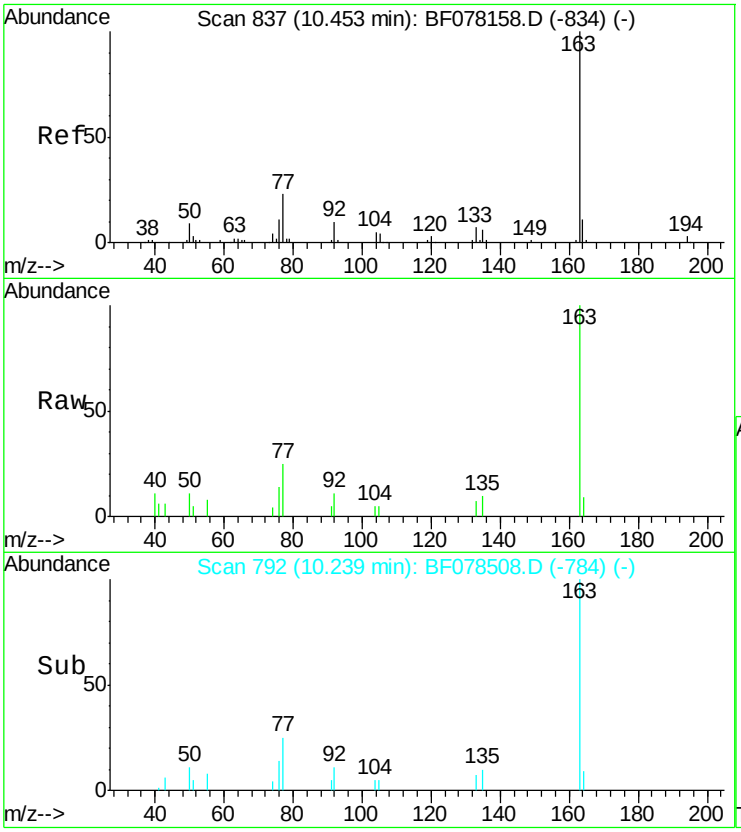


#48
Acenaphthylene
Concen: 4.25 ng
RT: 10.36 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Tgt Ion:152 Resp: 17900

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	14.4	10.2	15.2



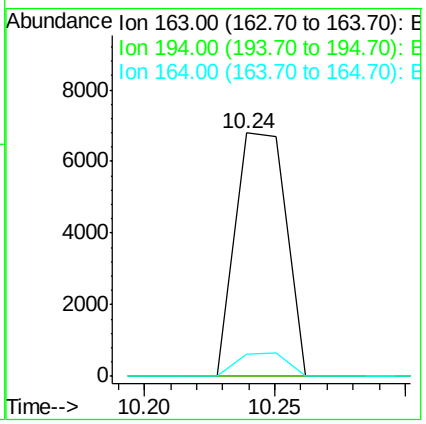


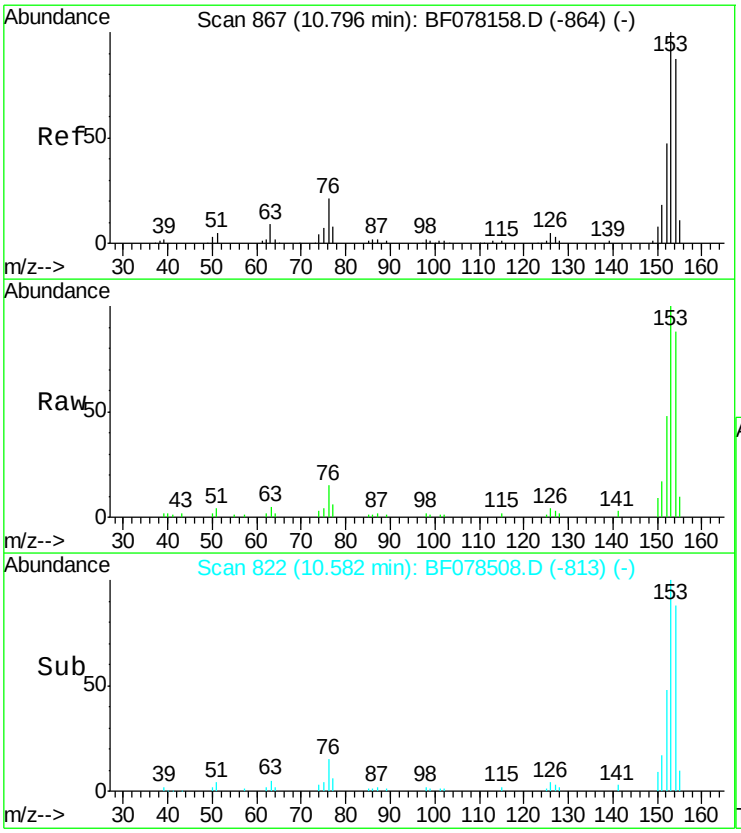
#49
Dimethylphthalate
Concen: 3.04 ng
RT: 10.24 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

Tgt Ion:163 Resp: 9253

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.3	3.5#
164	9.3	8.6	13.0

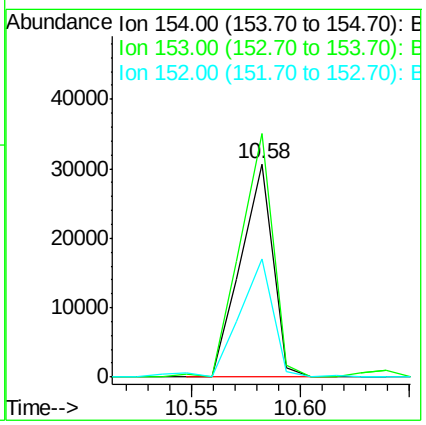


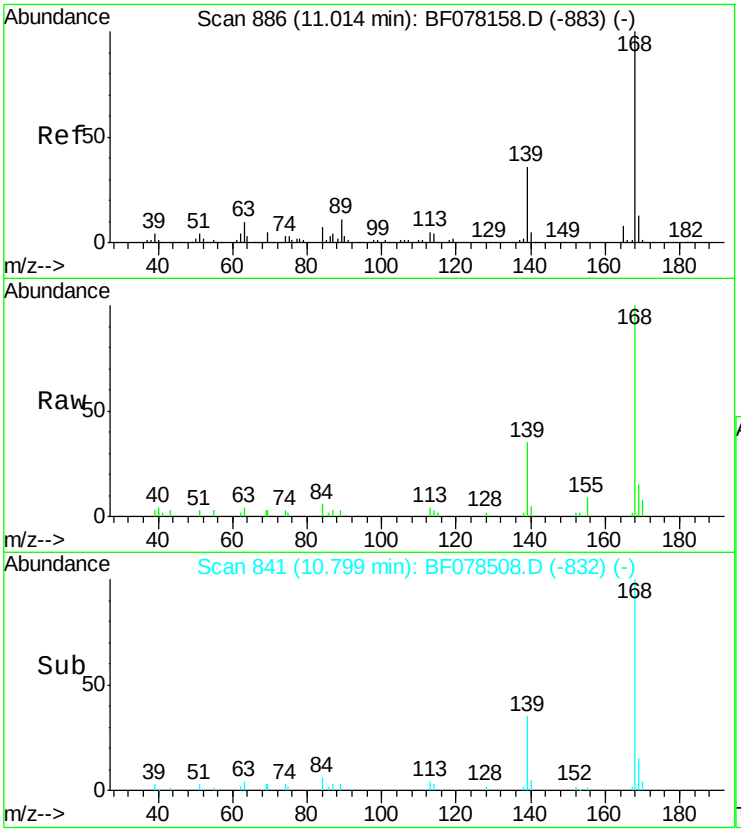


#51
Acenaphthene
Concen: 13.36 ng
RT: 10.58 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Tgt Ion:154 Resp: 31683

Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.4	137.2
152	55.1	43.0	64.6



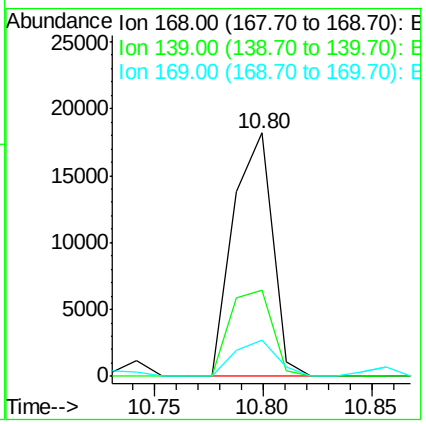


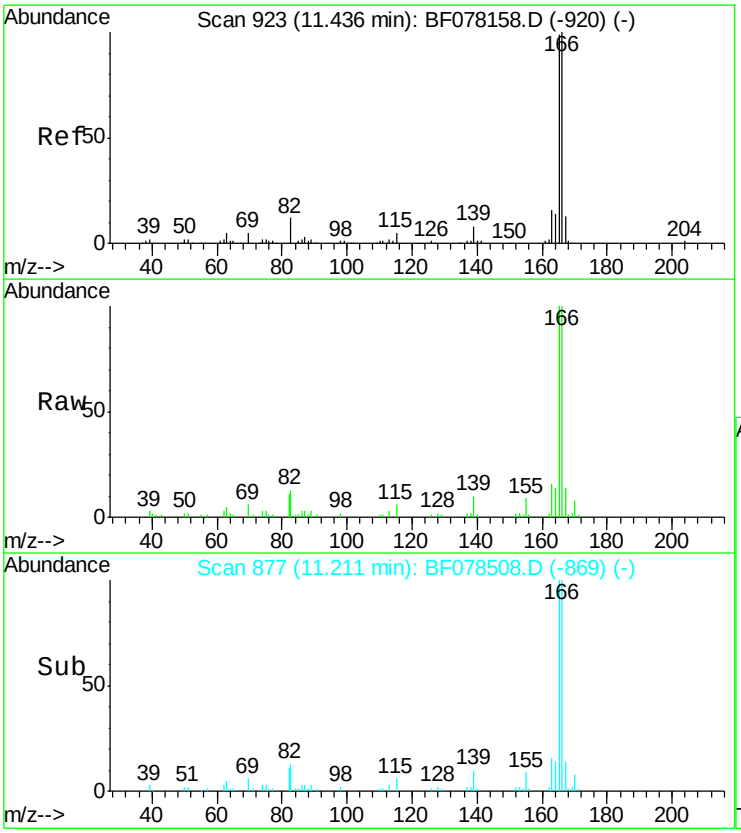
#54
Dibenzofuran
Concen: 6.27 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

Tgt Ion:168 Resp: 22694

Ion	Ratio	Lower	Upper
168	100		
139	35.5	31.0	46.4
169	15.0	10.7	16.1

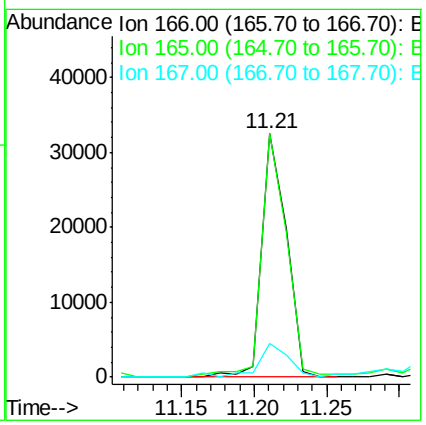


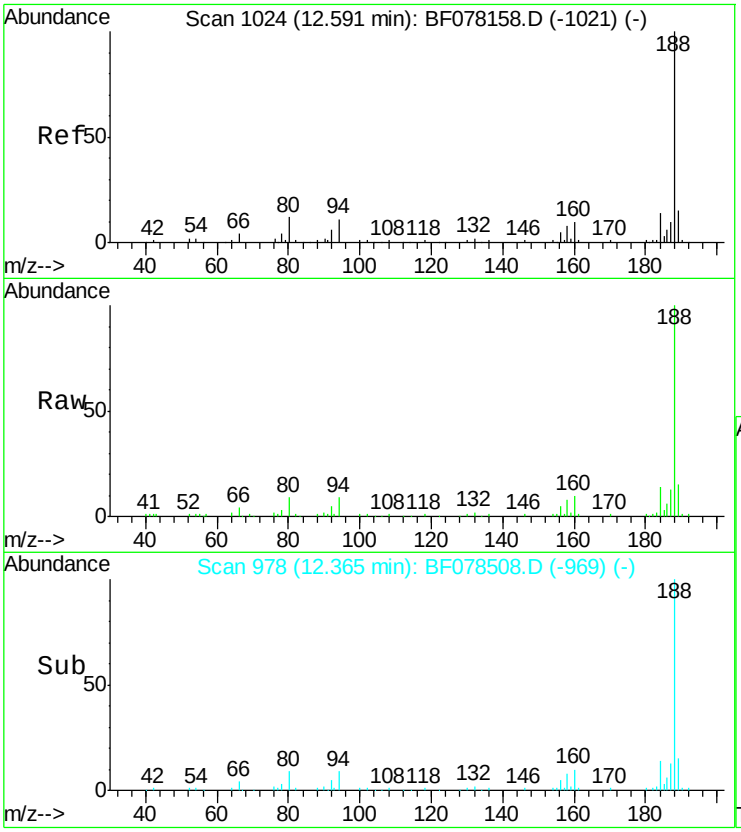


#57
Fluorene
Concen: 12.97 ng
RT: 11.21 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Tgt Ion:166 Resp: 38083

Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.9	118.3
167	14.0	10.7	16.1



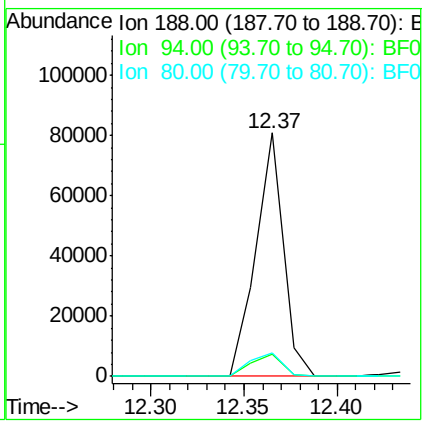


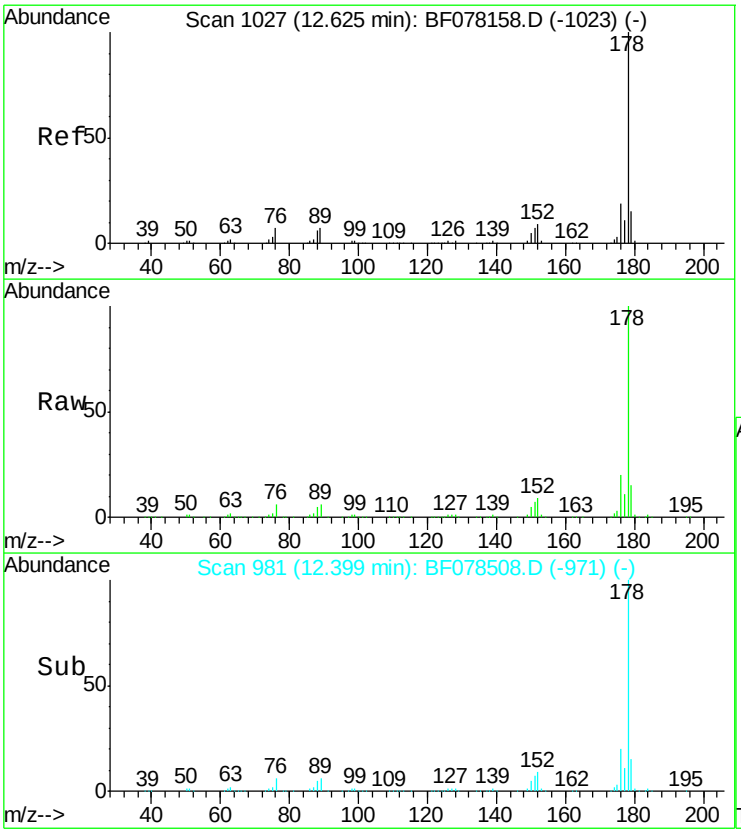
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

Tgt Ion:188 Resp: 82779

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.4	9.5	14.3#

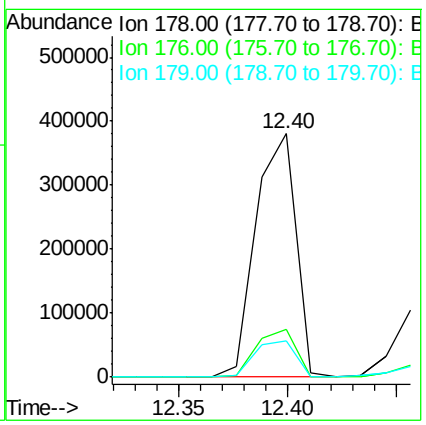


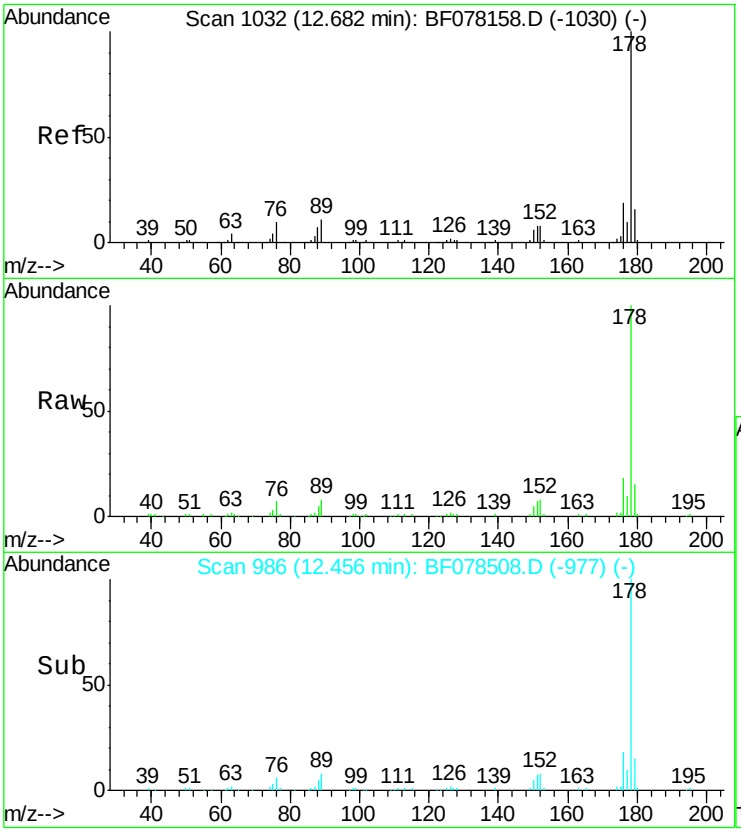


#70
Phenanthrene
Concen: 103.02 ng
RT: 12.40 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Tgt Ion:178 Resp: 493295

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	15.1	12.2	18.2



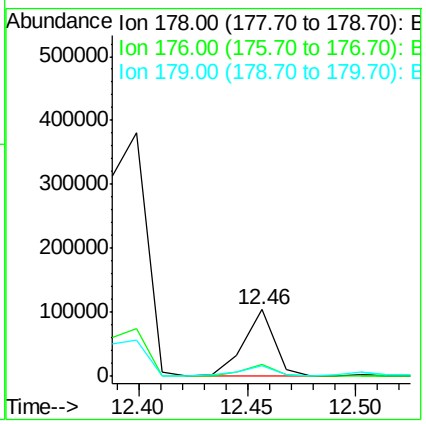


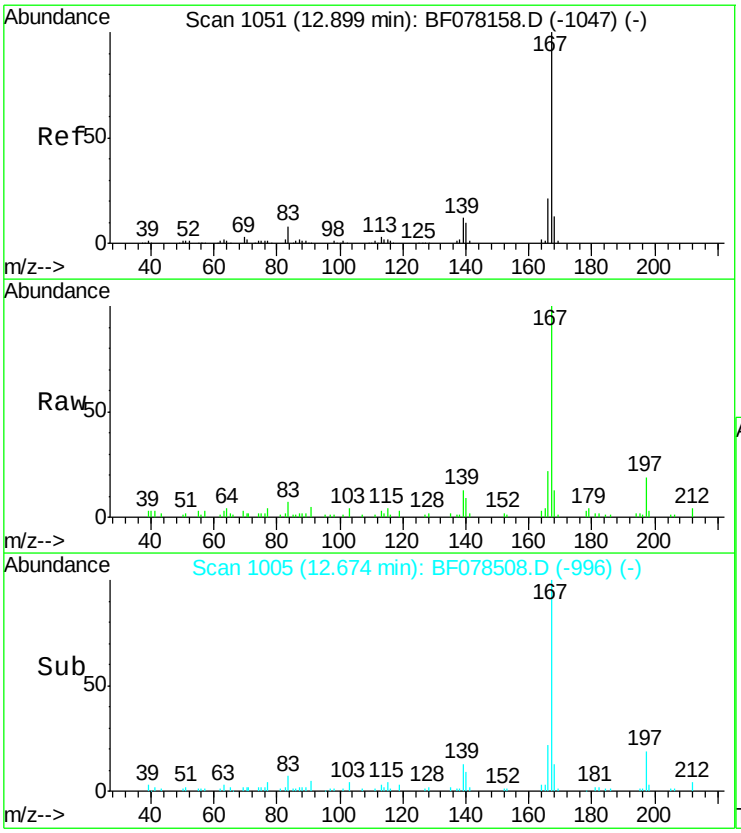
#71
Anthracene
Concen: 21.02 ng
RT: 12.46 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

Tgt Ion:178 Resp: 99181

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.3	12.4	18.6

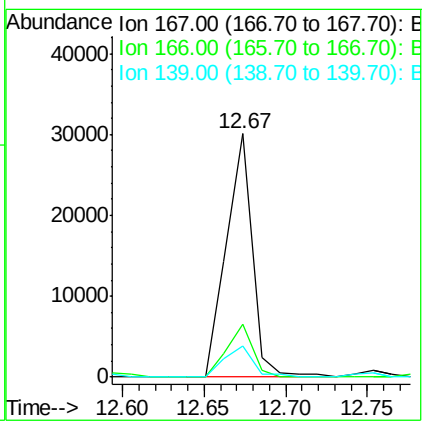


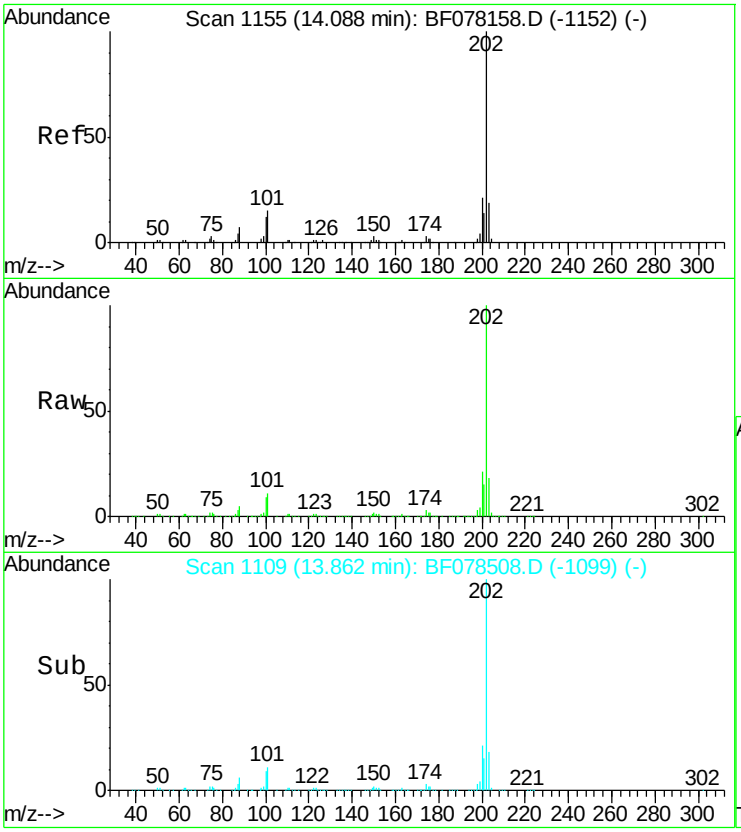


#72
Carbazole
Concen: 7.48 ng
RT: 12.67 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Tgt Ion:167 Resp: 33057

Ion	Ratio	Lower	Upper
167	100		
166	21.6	16.8	25.2
139	12.6	10.0	15.0



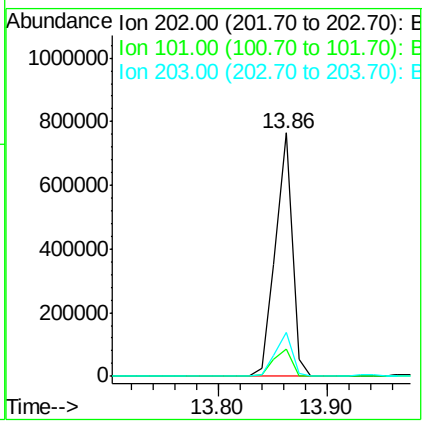


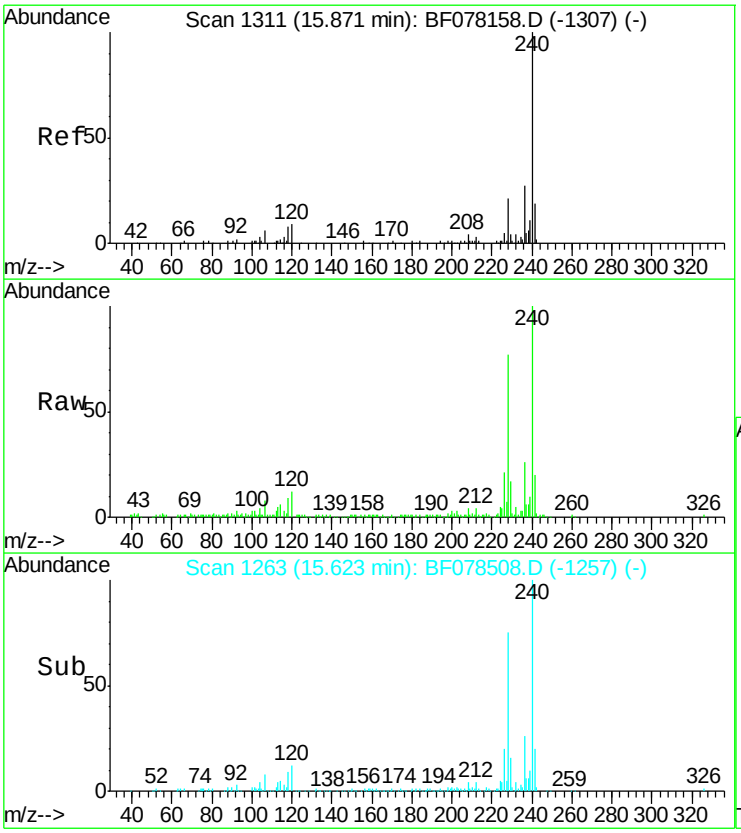
#74
Fluoranthene
Concen: 162.33 ng
RT: 13.86 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

Tgt Ion:202 Resp: 819733

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	35.2
203	17.9	0.0	38.5

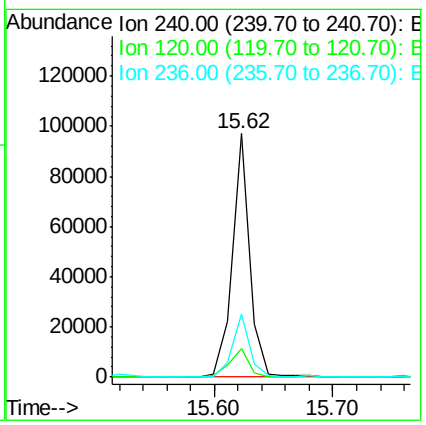


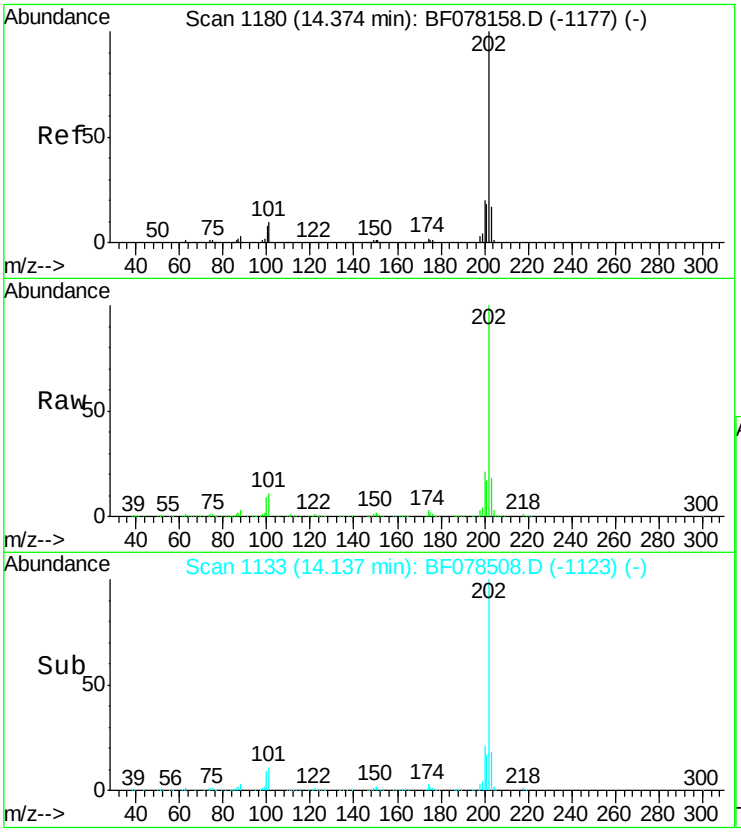


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.03 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Tgt Ion:240 Resp: 98981

Ion	Ratio	Lower	Upper
240	100		
120	11.7	7.1	10.7#
236	25.9	21.4	32.2



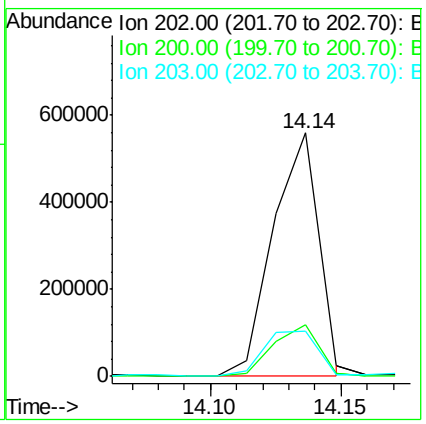


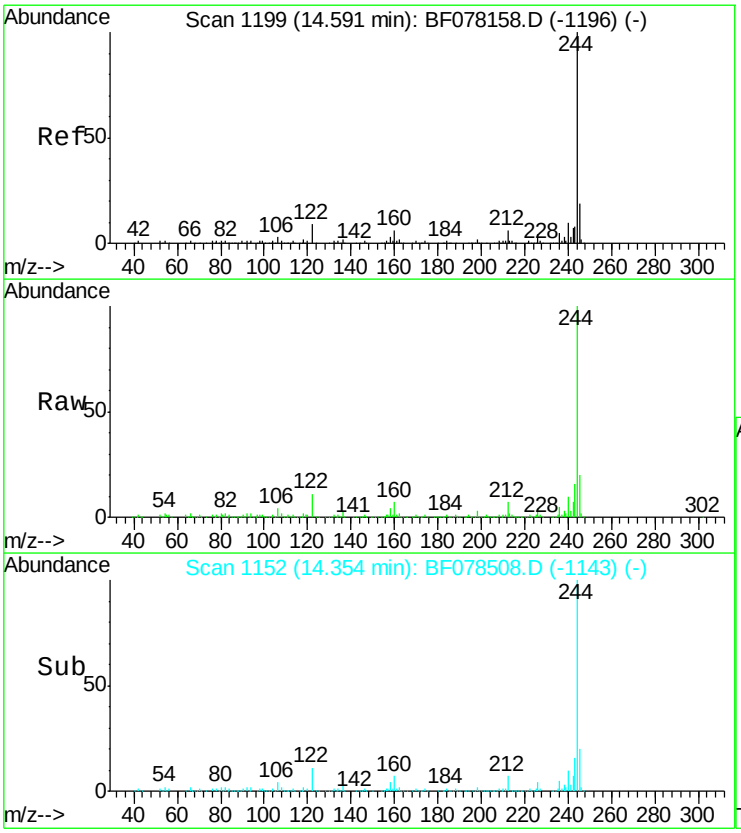
#77
Pyrene
Concen: 109.83 ng
RT: 14.14 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

Tgt Ion:202 Resp: 682461

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.3	24.5
203	18.3	13.8	20.6

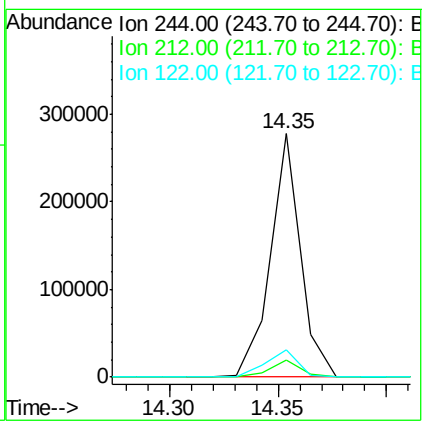


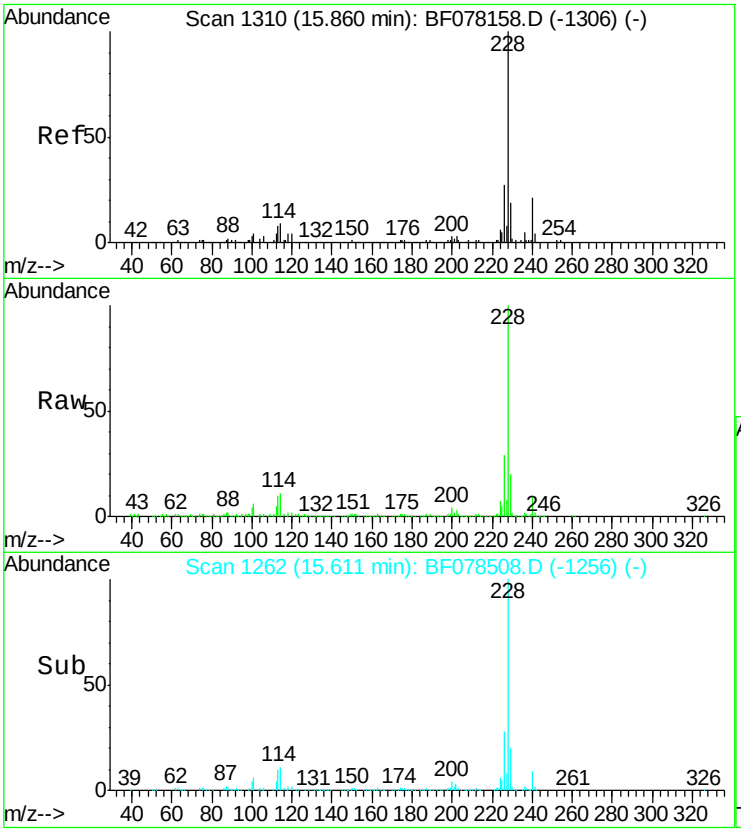


#78
Terphenyl-d14
Concen: 61.72 ng
RT: 14.35 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Tgt Ion:244 Resp: 270359

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.0	7.4
122	11.3	7.1	10.7#



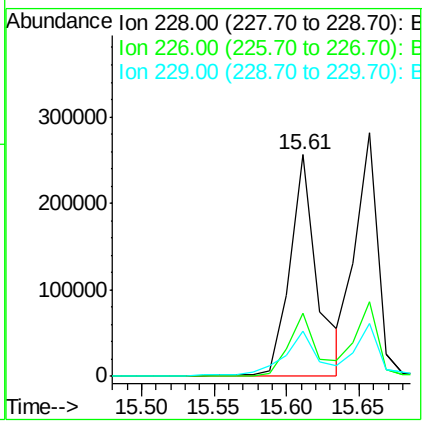


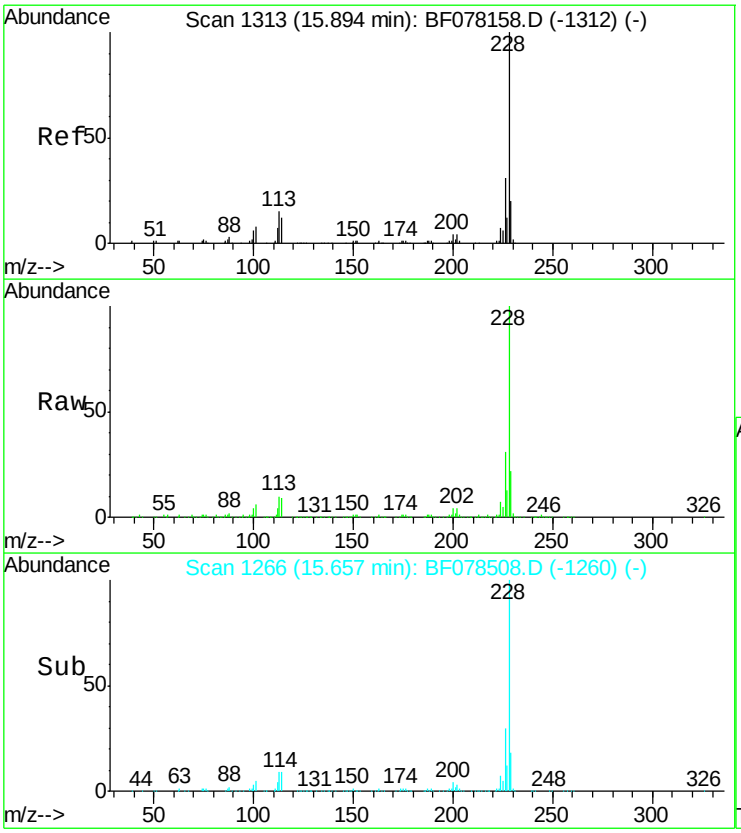
#80
Benzo(a)anthracene
Concen: 56.59 ng
RT: 15.61 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

Tgt Ion:228 Resp: 333286

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.3	31.9
229	20.3	15.4	23.2

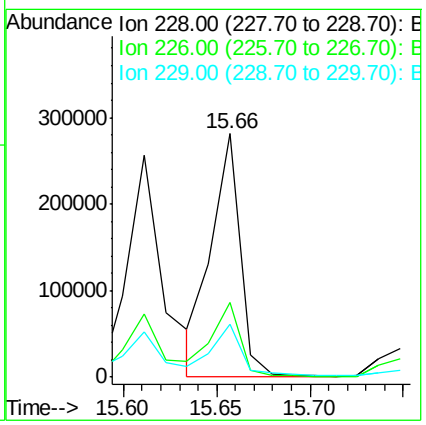


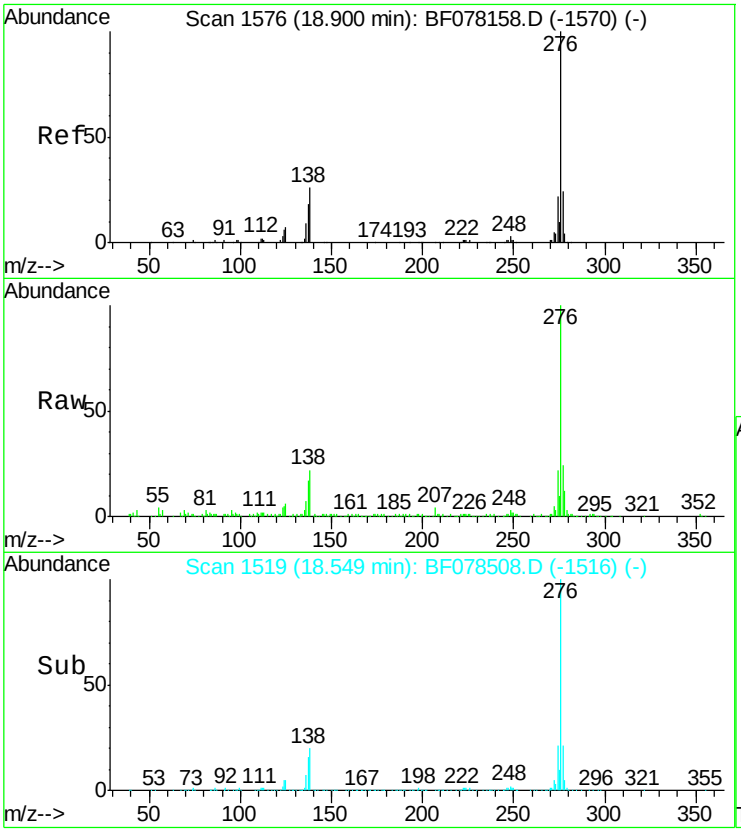


#82
Chrysene
Concen: 54.47 ng
RT: 15.66 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Tgt Ion:228 Resp: 301404

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	21.9	15.8	23.8



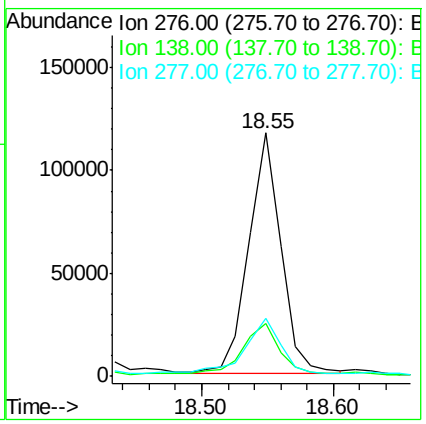


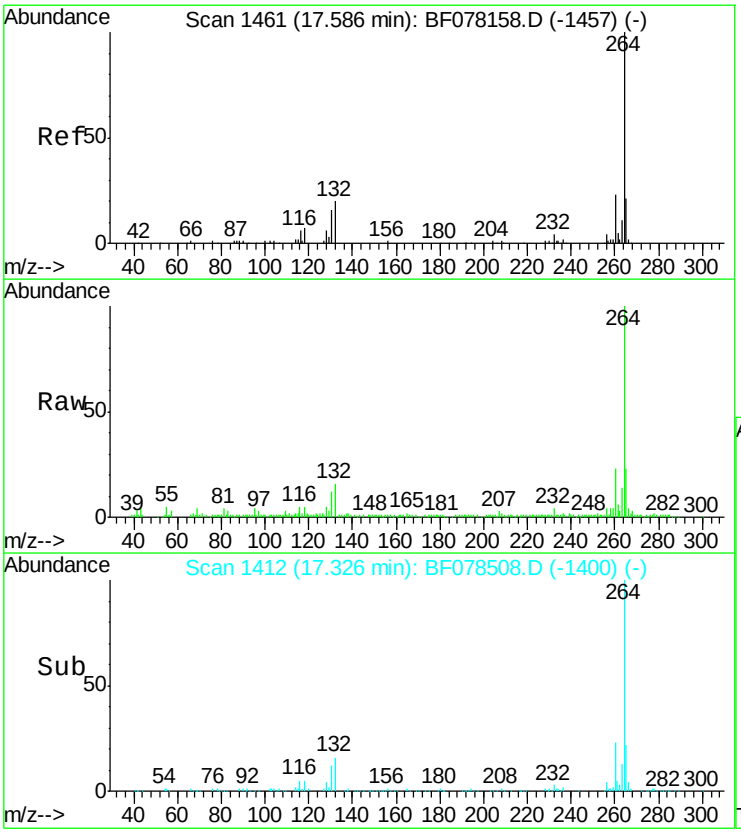
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.65 ng m
RT: 18.55 min Scan# 1519
Delta R.T. -0.26 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

Tgt Ion:276 Resp: 198714

Ion	Ratio	Lower	Upper
276	100		
138	3.1	16.9	25.3#
277	4.6	15.8	23.6#

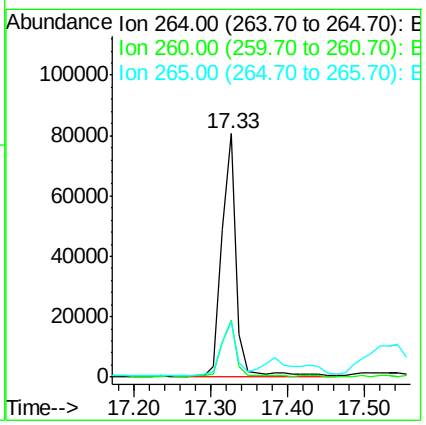


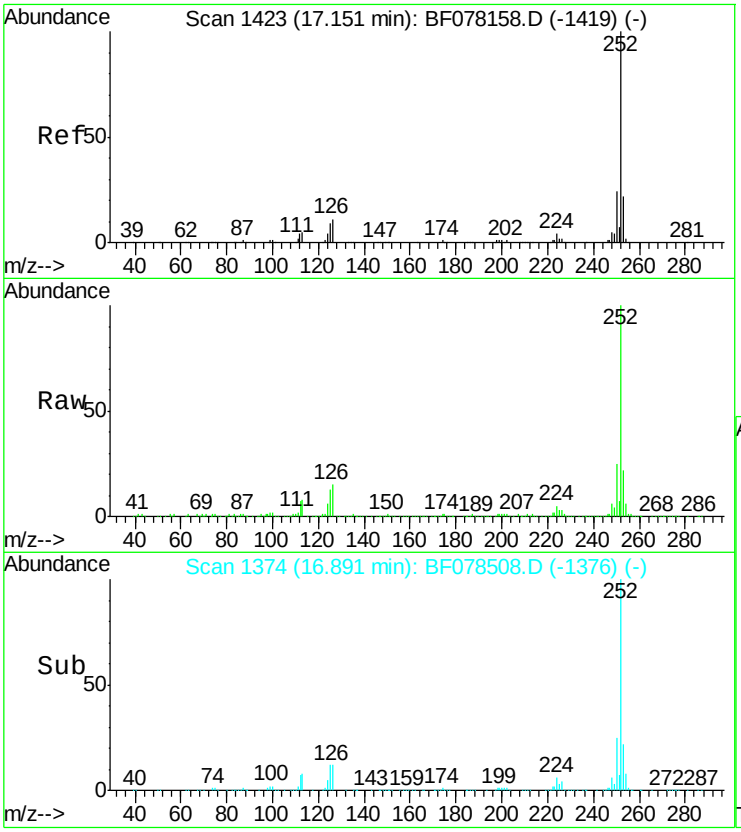


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.33 min Scan# 1412
Delta R.T. -0.16 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Tgt Ion:264 Resp: 109184

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	22.7	17.0	25.6



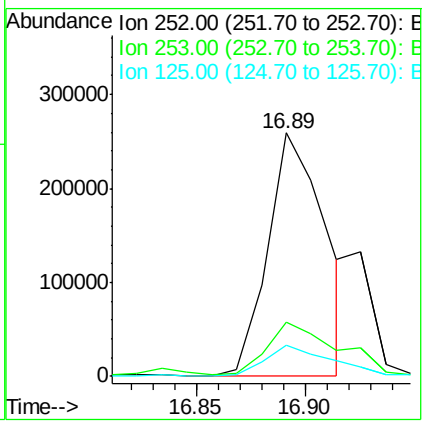


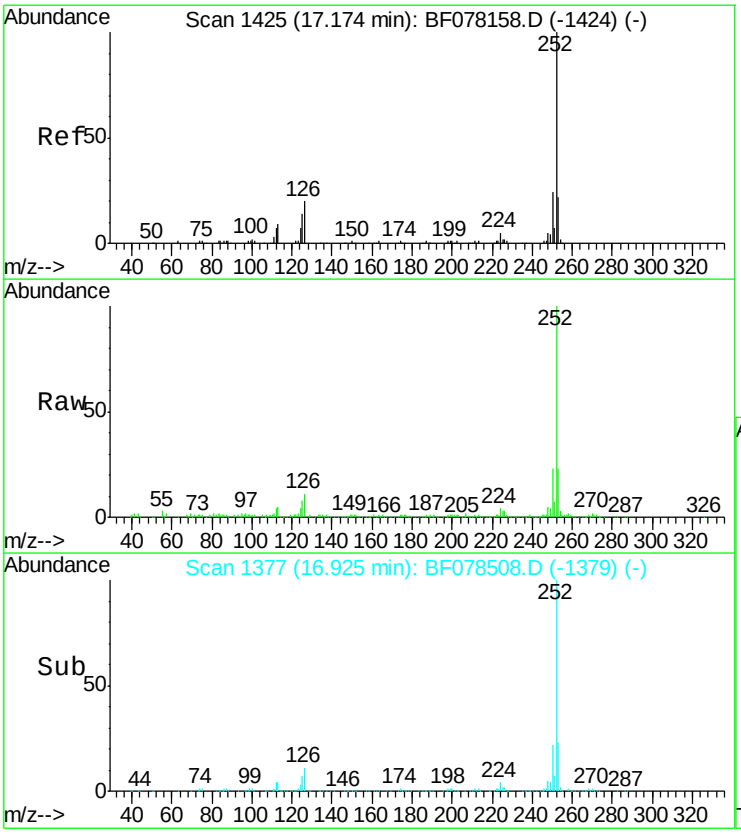
#87
Benzo(b)fluoranthene
Concen: 70.26 ng
RT: 16.89 min Scan# 1374
Delta R.T. -0.13 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

Tgt Ion:252 Resp: 474141

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	12.7	7.0	10.4#

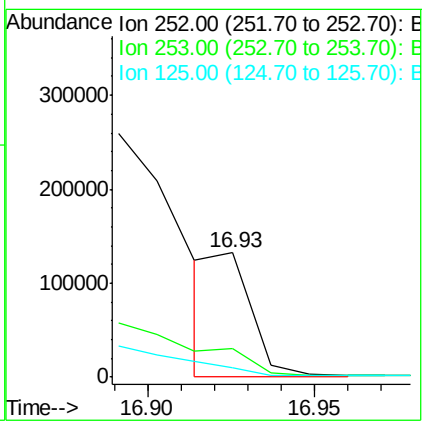


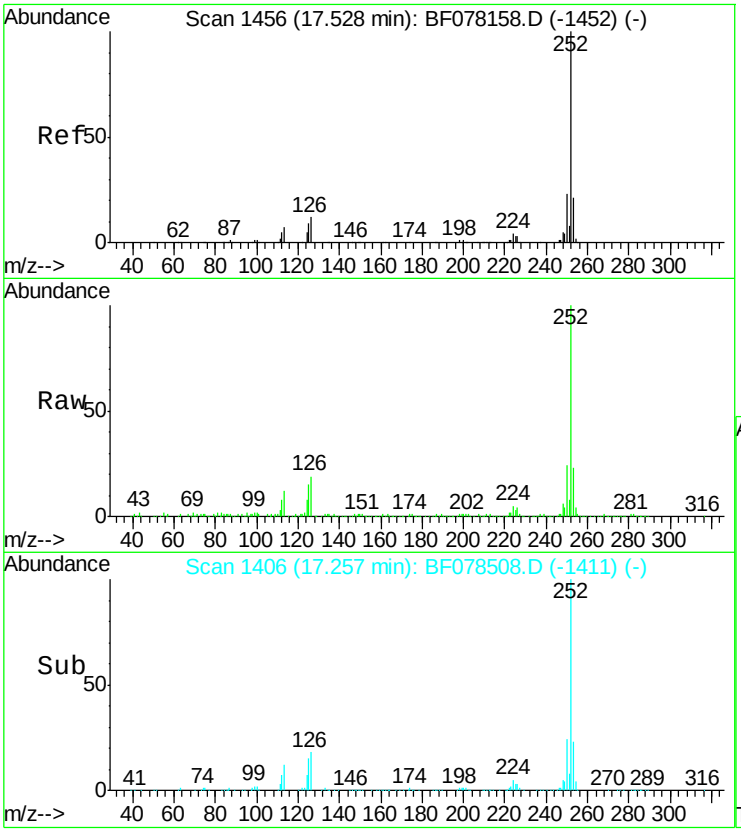


#88
Benzo(k)fluoranthene
Concen: 17.19 ng m
RT: 16.93 min Scan# 1377
Delta R.T. -0.13 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Tgt Ion:252 Resp: 103055

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	7.9	11.6	17.4#



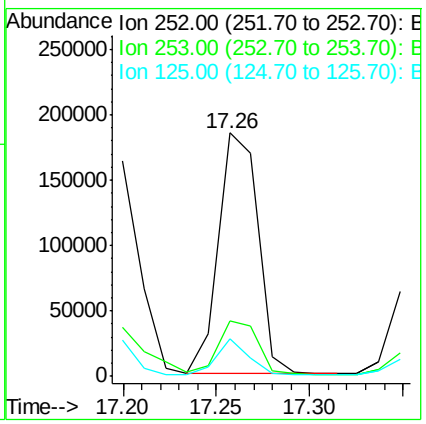


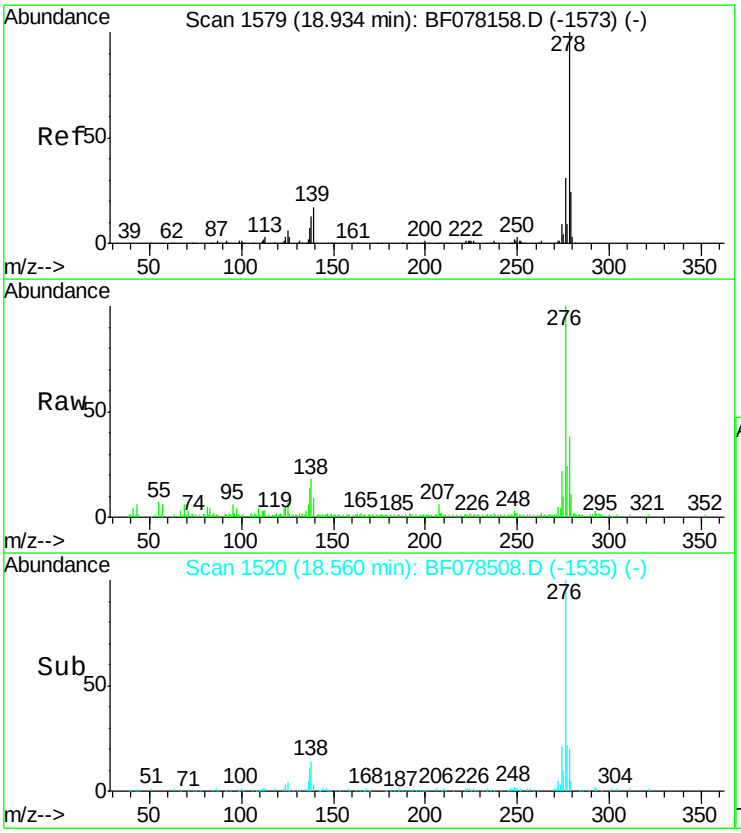
#89
Benzo(a)pyrene
Concen: 46.53 ng
RT: 17.26 min Scan# 1406
Delta R.T. -0.16 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

Tgt Ion:252 Resp: 274018

Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.8	25.2
125	15.2	7.4	11.0#

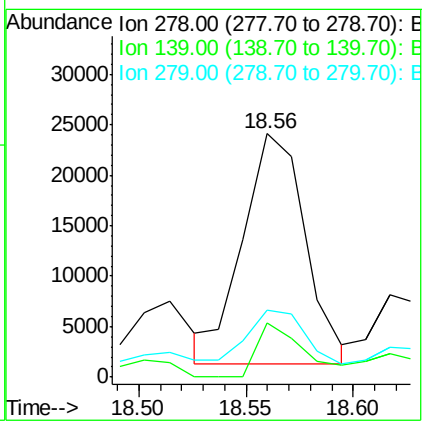


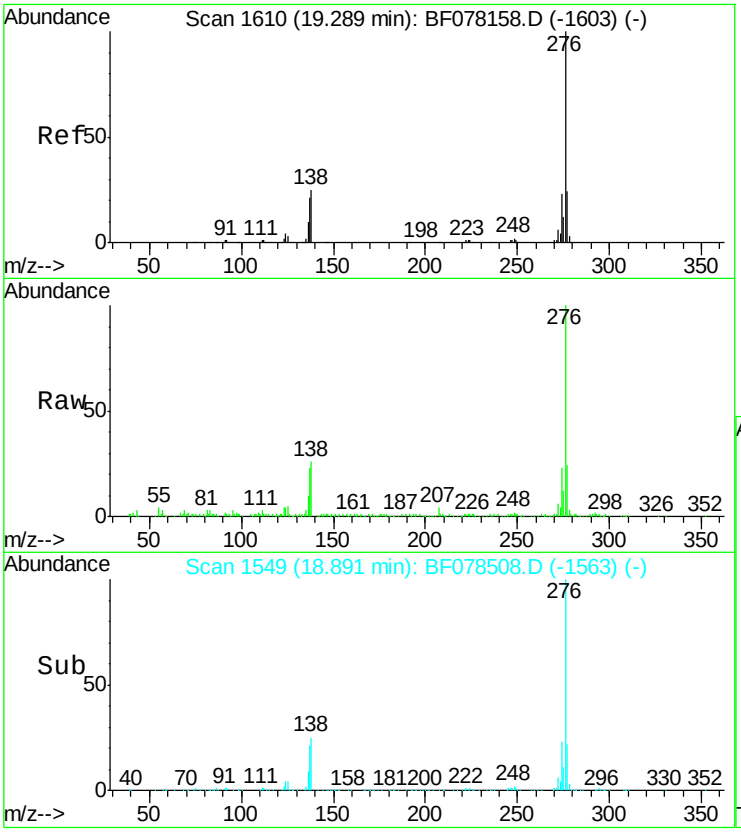


#90
Dibenzo(a,h)anthracene
Concen: 7.79 ng m
RT: 18.56 min Scan# 1520
Delta R.T. -0.27 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Tgt Ion:278 Resp: 45933

Ion	Ratio	Lower	Upper
278	100		
139	22.3	13.6	20.4#
279	27.5	19.0	28.6





#91
Benzo(g,h,i)perylene
Concen: 33.19 ng m
RT: 18.89 min Scan# 1549
Delta R.T. -0.26 min
Lab File: BF078508.D
Acq: 14 Apr 2015 19:30

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

Tgt Ion:276 Resp: 196179

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	25.8	19.9	29.9