Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078509.D
Acq On : 14 Apr 2015 19:59
Operator : TP/IZ
Sample : G1828-05 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-SB03A

Quant Time: Apr 15 10:53:17 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	18085	20.00	ng		0.00
21) Naphthalene-d8	8.39	136	78517	20.00	ng		0.00
38) Acenaphthene-d10	10.54	164	42810	20.00	ng		0.00
63) Phenanthrene-d10	12.37	188	91876	20.00	ng		0.00
75) Chrysene-d12	15.65	240	107686	20.00	ng		-0.01
86) Perylene-d12	17.43	264	118603	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	21854	19.92	ng		0.01
7) Phenol-d6	6.41	99	30842	22.44	ng		0.00
23) Nitrobenzene-d5	7.51	82	17439	13.46	ng		0.00
41) 2,4,6-Tribromophenol	11.52	330	7345	20.69	ng		0.00
44) 2-Fluorobiphenyl	9.74	172	32456	10.84	ng		0.00
78) Terphenyl-d14	14.35	244	53101	11.14	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.41	128	24029	5.88	ng		99
51) Acenaphthene	10.58	154	111780	44.63	ng		99
54) Dibenzofuran	10.80	168	58980	15.42	ng		93
57) Fluorene	11.21	166	130546	42.10	ng		99
70) Phenanthrene	12.40	178	1422816	267.72	ng		97
71) Anthracene	12.46	178	264248	50.46	ng		99
72) Carbazole	12.67	167	73295	14.93	ng		100
74) Fluoranthene	13.87	202	2041542	364.25	ng		98
77) Pyrene	14.15	202	1716589	253.93	ng	#	93
80) Benzo(a)anthracene	15.63	228	849895	132.65	ng		97
82) Chrysene	15.68	228	703712	116.90	ng		97
85) Indeno(1,2,3-cd)pyrene	18.72	276	553188m	80.98	ng		
87) Benzo(b)fluoranthene	16.98	252	1048879m	143.09	ng		
88) Benzo(k)fluoranthene	17.01	252	319616m	49.07	ng		
89) Benzo(a)pyrene	17.37	252	732990	114.58	ng	#	93
90) Dibenzo(a,h)anthracene	18.73	278	93038m	14.53	ng		
91) Benzo(g,h,i)perylene	19.07	276	523277	81.49	ng		97

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

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Misc :
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Quant Time: Apr 15 10:53:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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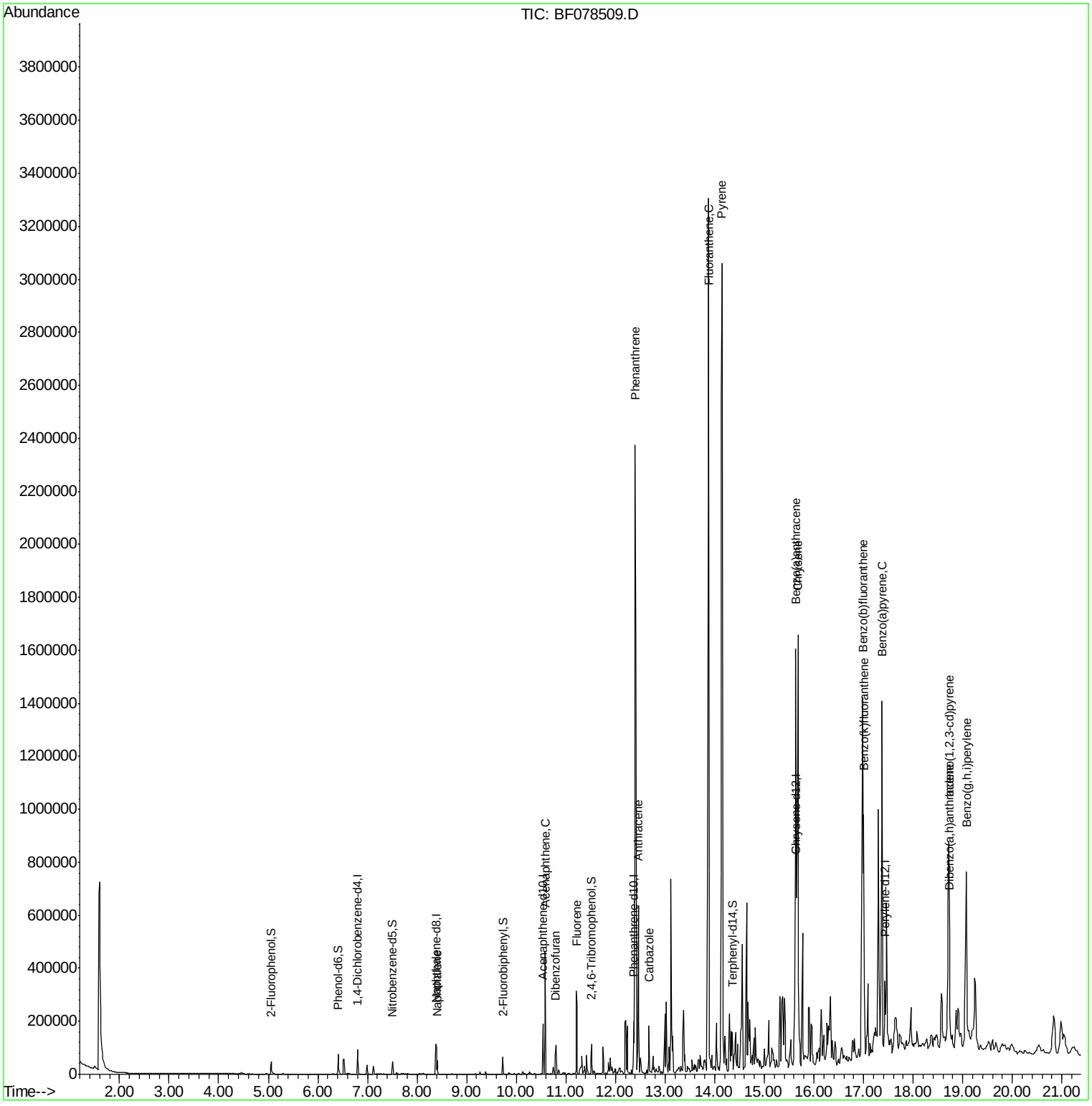
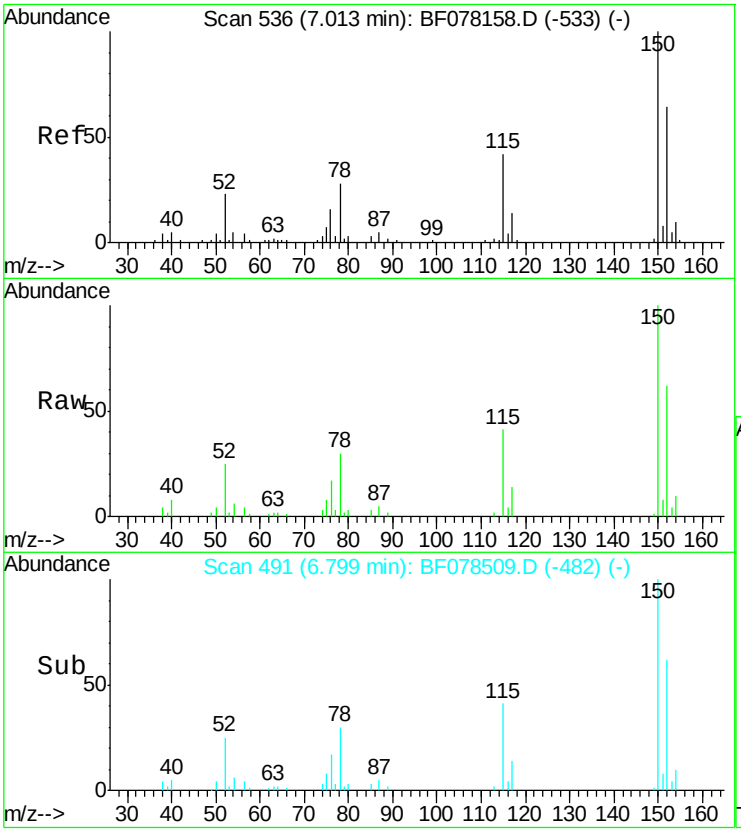


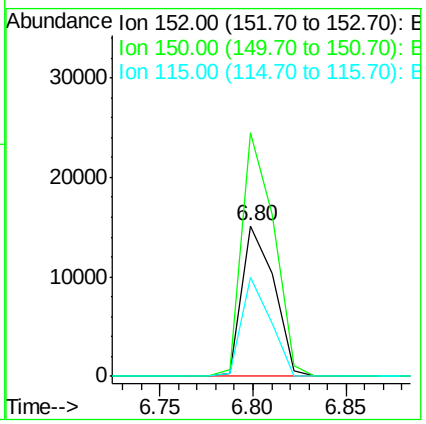


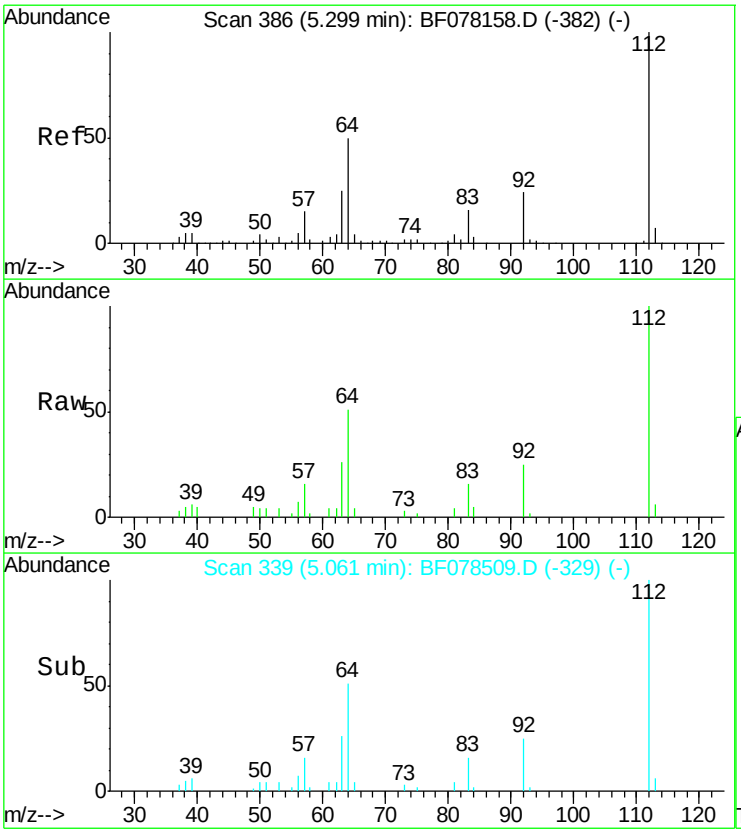
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Instrument :
BNA_F
ClientSampleId :
HS-SB03A

Tgt Ion:152 Resp: 18085

Ion	Ratio	Lower	Upper
152	100		
150	161.8	125.9	188.9
115	66.1	52.7	79.1

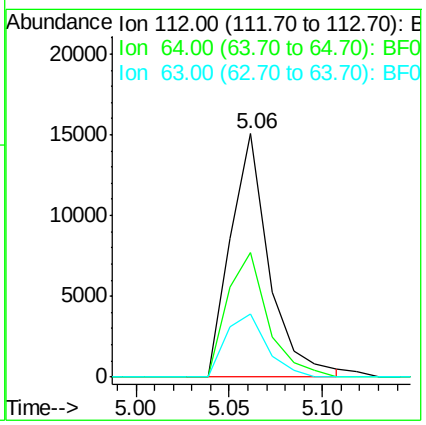


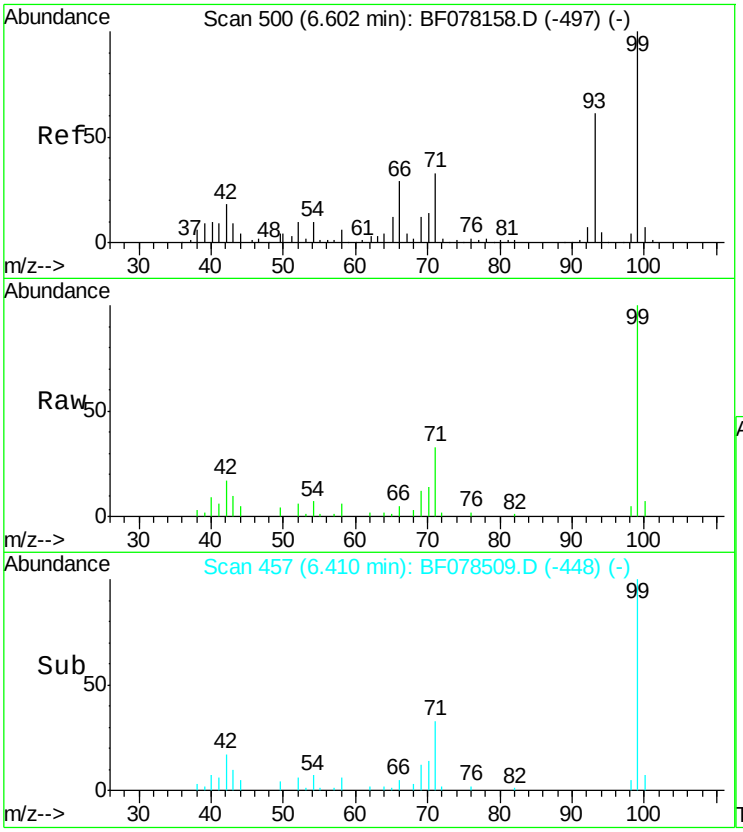


#5
2-Fluorophenol
Concen: 19.92 ng
RT: 5.06 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Tgt Ion:112 Resp: 21854

Ion	Ratio	Lower	Upper
112	100		
64	51.0	39.9	59.9
63	25.7	20.2	30.4



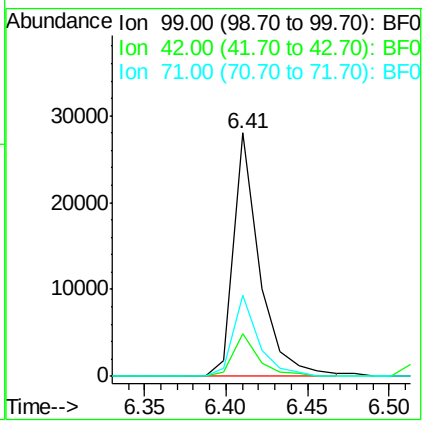


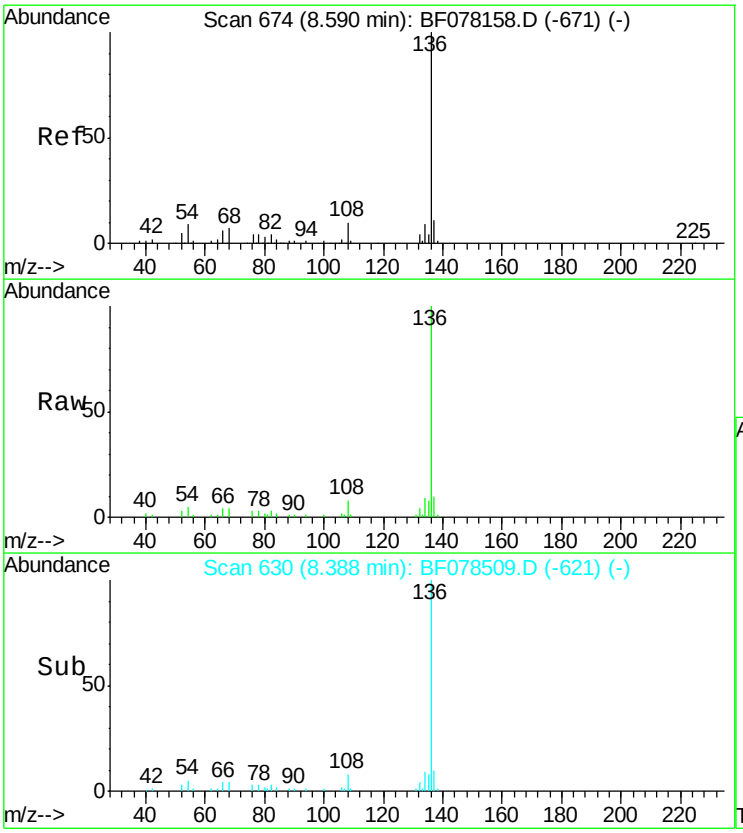
#7
Phenol-d6
Concen: 22.44 ng
RT: 6.41 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Instrument :
BNA_F
ClientSampleId :
HS-SB03A

Tgt Ion: 99 Resp: 30842

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.8	22.2
71	33.3	26.6	39.8

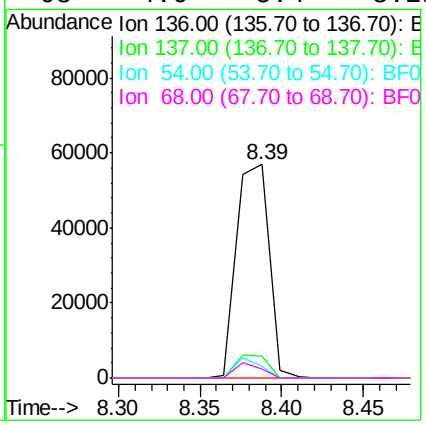


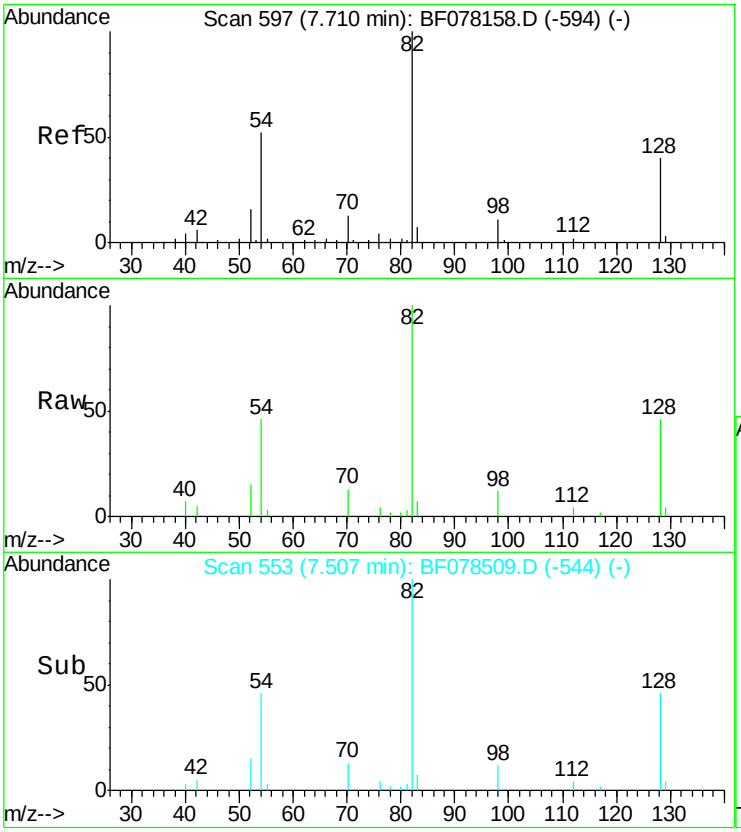


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.39 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Tgt Ion:136 Resp: 78517

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.0	13.4
54	5.2	7.0	10.6#
68	4.0	5.4	8.2#



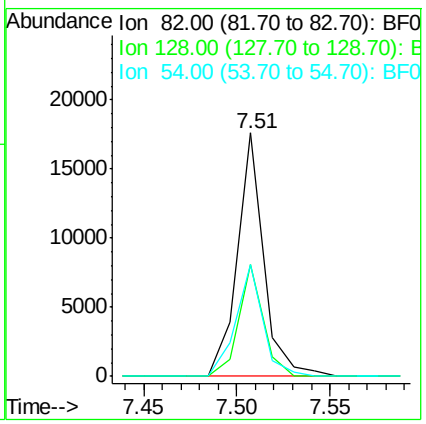


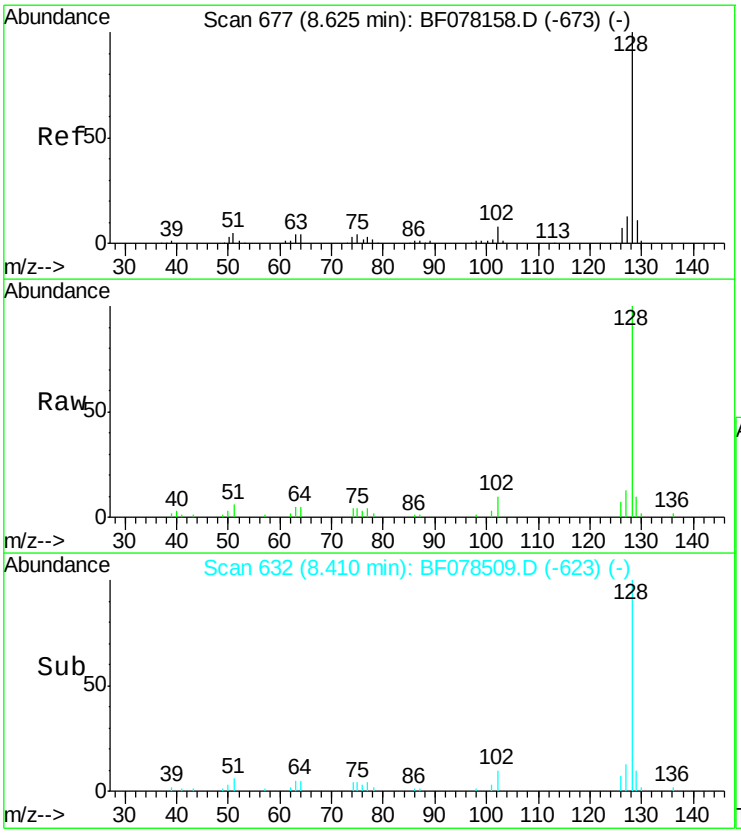
#23
Nitrobenzene-d5
Concen: 13.46 ng
RT: 7.51 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Instrument :
BNA_F
ClientSampleId :
HS-SB03A

Tgt Ion: 82 Resp: 17439

Ion	Ratio	Lower	Upper
82	100		
128	46.1	31.8	47.8
54	45.7	41.5	62.3

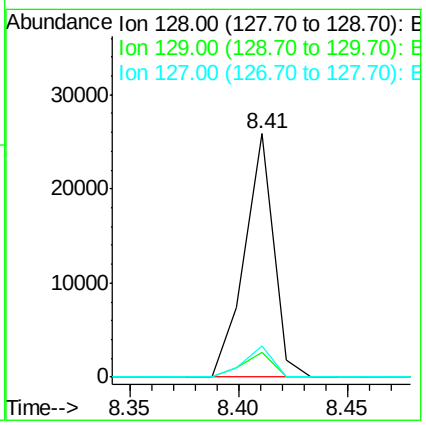


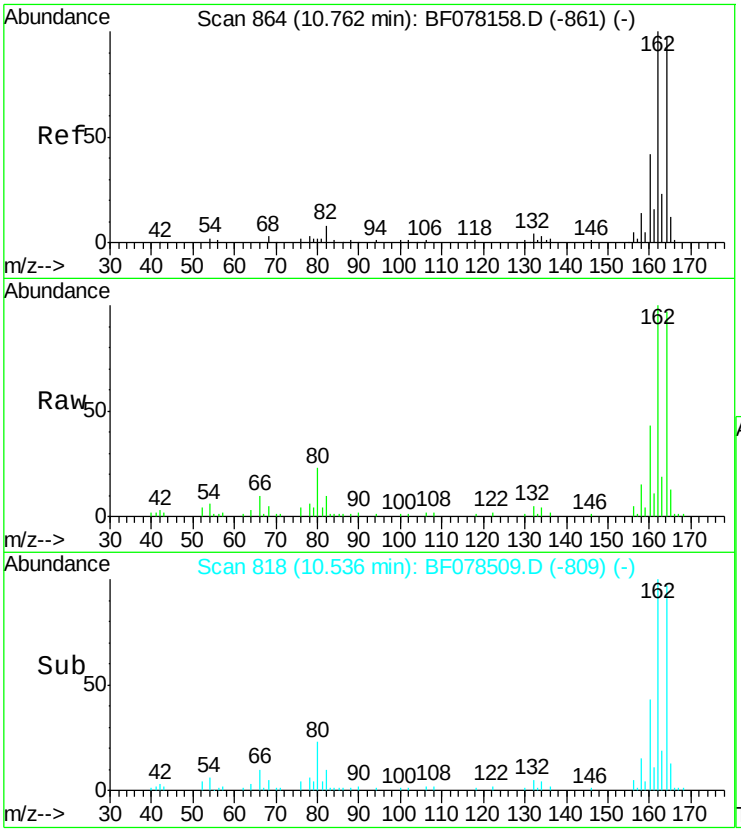


#31
Naphthalene
Concen: 5.88 ng
RT: 8.41 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Tgt Ion:128 Resp: 24029

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.6	12.8
127	12.8	10.7	16.1



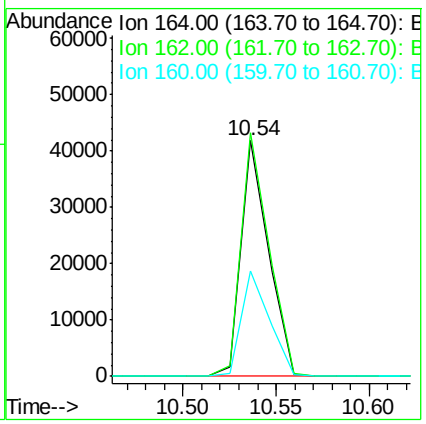


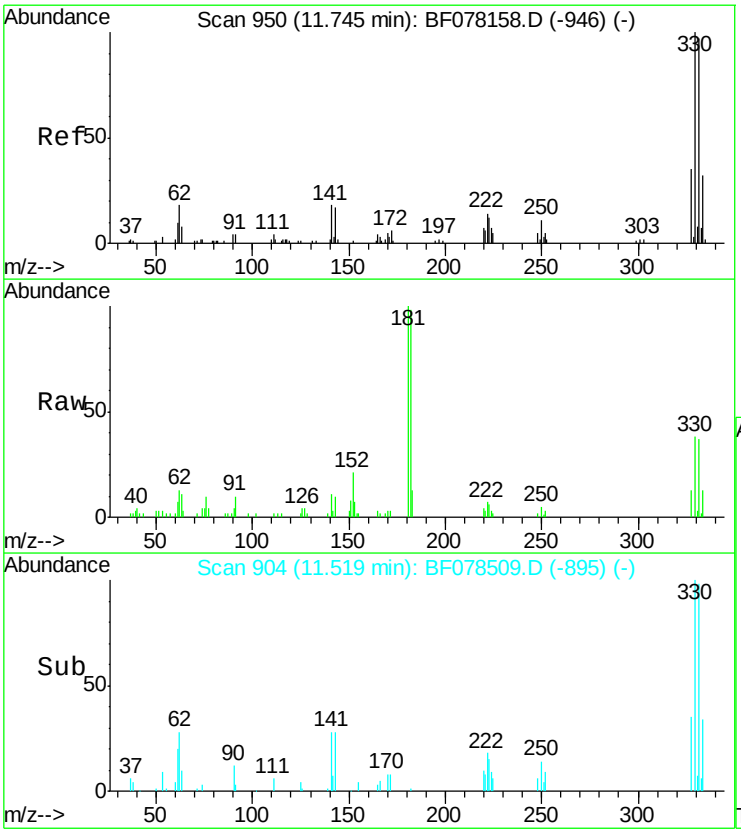
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.54 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Instrument :
BNA_F
ClientSampleId :
HS-SB03A

Tgt Ion:164 Resp: 42810

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.2	123.2
160	44.8	34.7	52.1

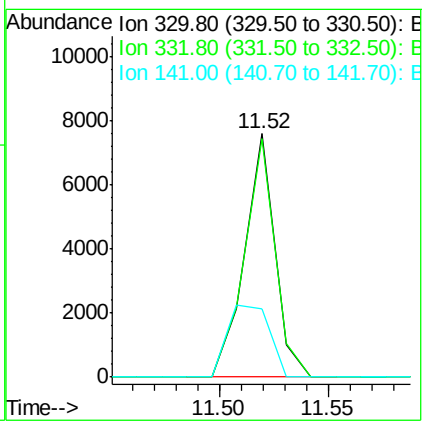


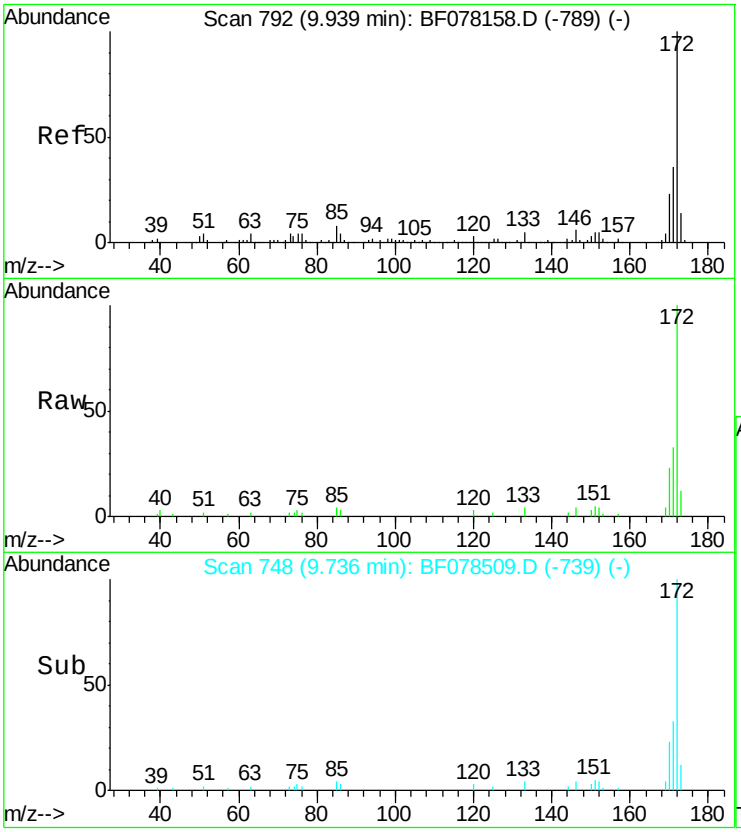


#41
2,4,6-Tribromophenol
Concen: 20.69 ng
RT: 11.52 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Tgt Ion:330 Resp: 7345

Ion	Ratio	Lower	Upper
330	100		
332	99.5	78.6	117.8
141	40.8	31.2	46.8



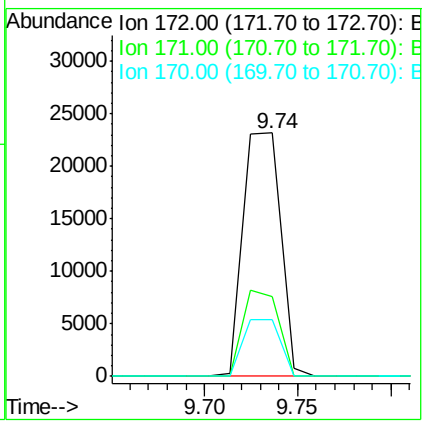


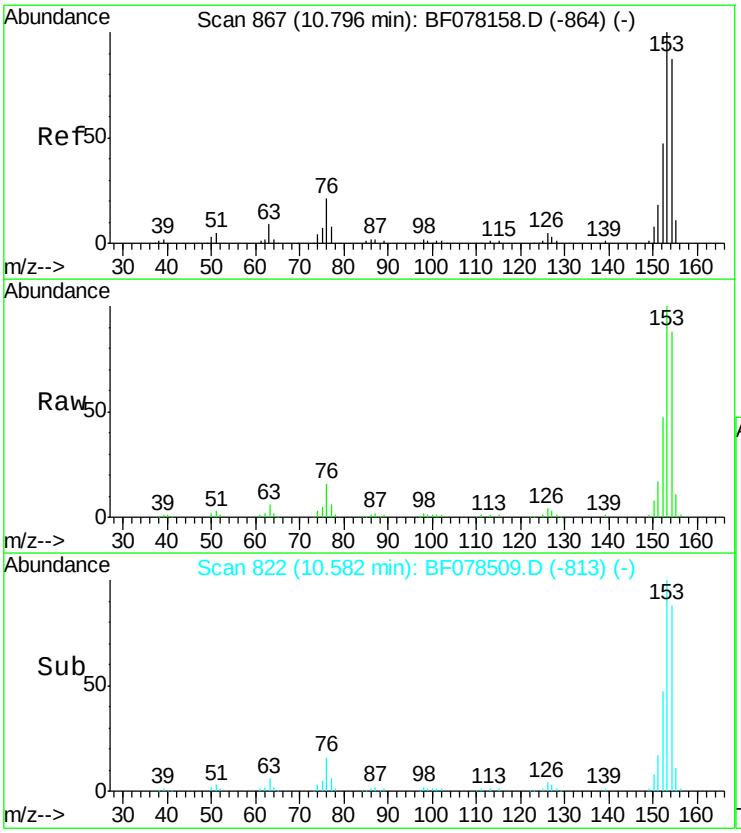
#44
2-Fluorobiphenyl
Concen: 10.84 ng
RT: 9.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Instrument :
BNA_F
ClientSampleId :
HS-SB03A

Tgt Ion:172 Resp: 32456

Ion	Ratio	Lower	Upper
172	100		
171	32.7	28.6	42.8
170	23.1	18.5	27.7

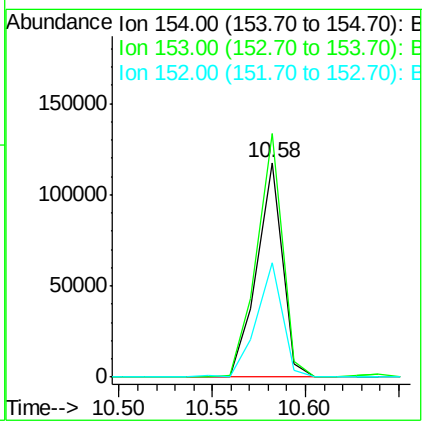


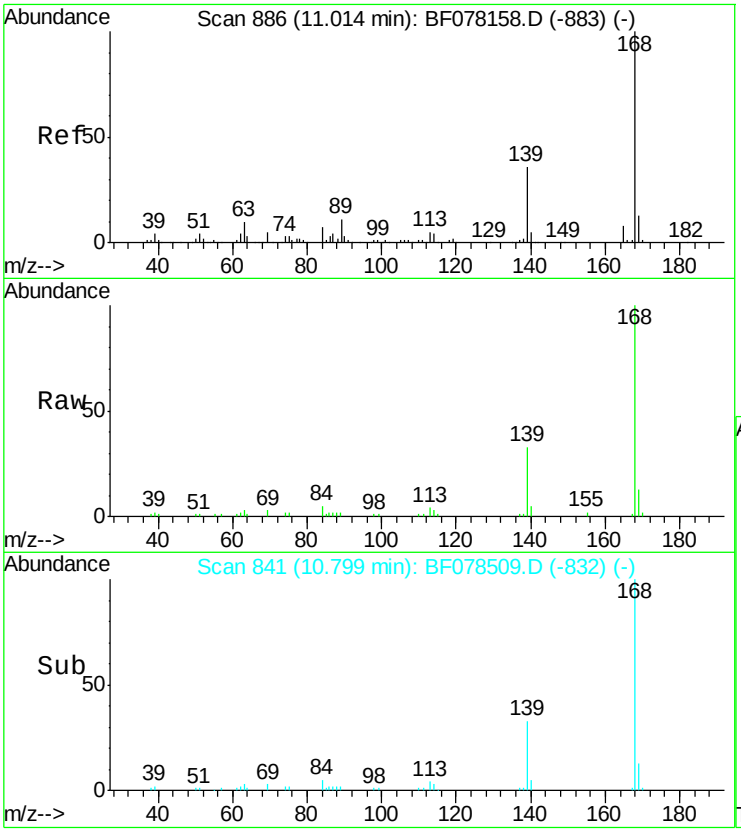


#51
Acenaphthene
Concen: 44.63 ng
RT: 10.58 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Tgt Ion:154 Resp: 111780

Ion	Ratio	Lower	Upper
154	100		
153	113.4	91.4	137.2
152	53.4	43.0	64.6



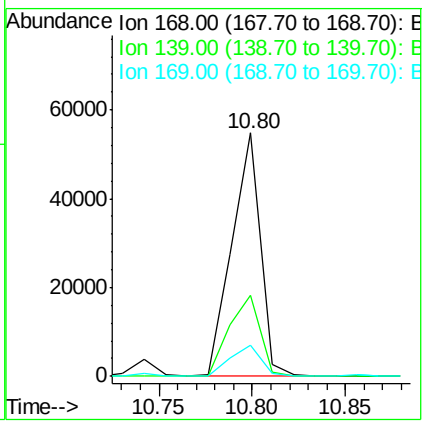


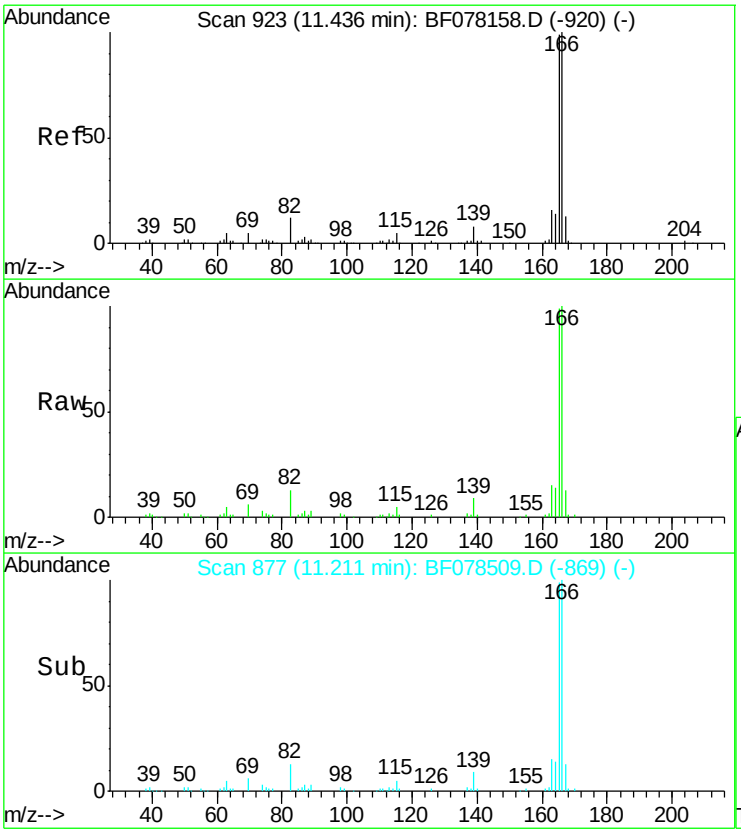
#54
Dibenzofuran
Concen: 15.42 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Instrument :
BNA_F
ClientSampleId :
HS-SB03A

Tgt Ion:168 Resp: 58980

Ion	Ratio	Lower	Upper
168	100		
139	33.5	31.0	46.4
169	12.7	10.7	16.1

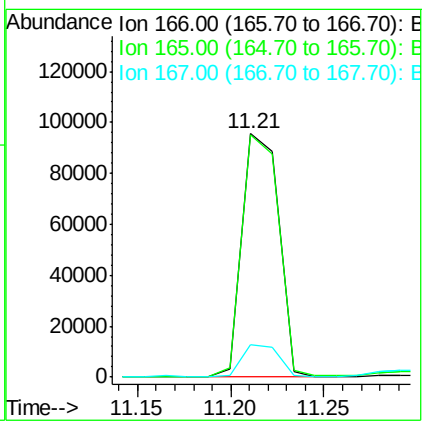


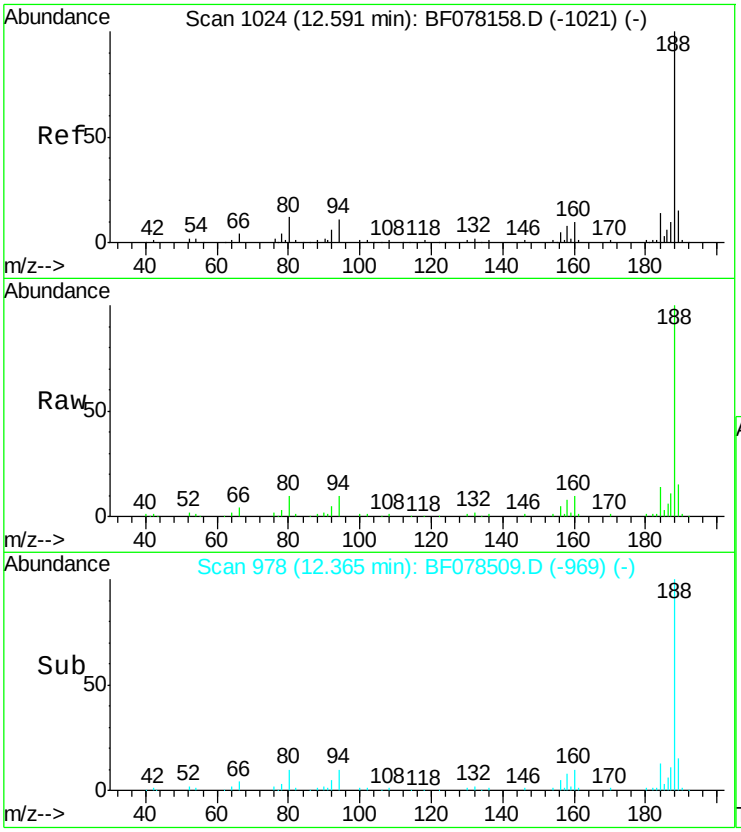


#57
Fluorene
Concen: 42.10 ng
RT: 11.21 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Tgt Ion:166 Resp: 130546

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.9	118.3
167	13.4	10.7	16.1



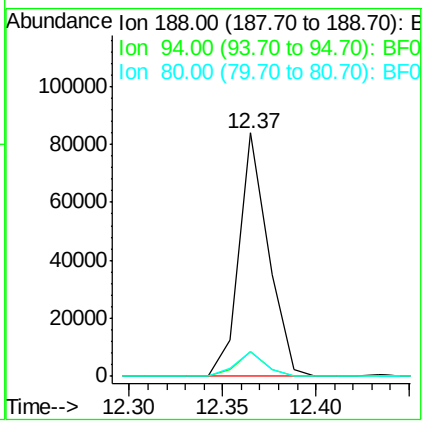


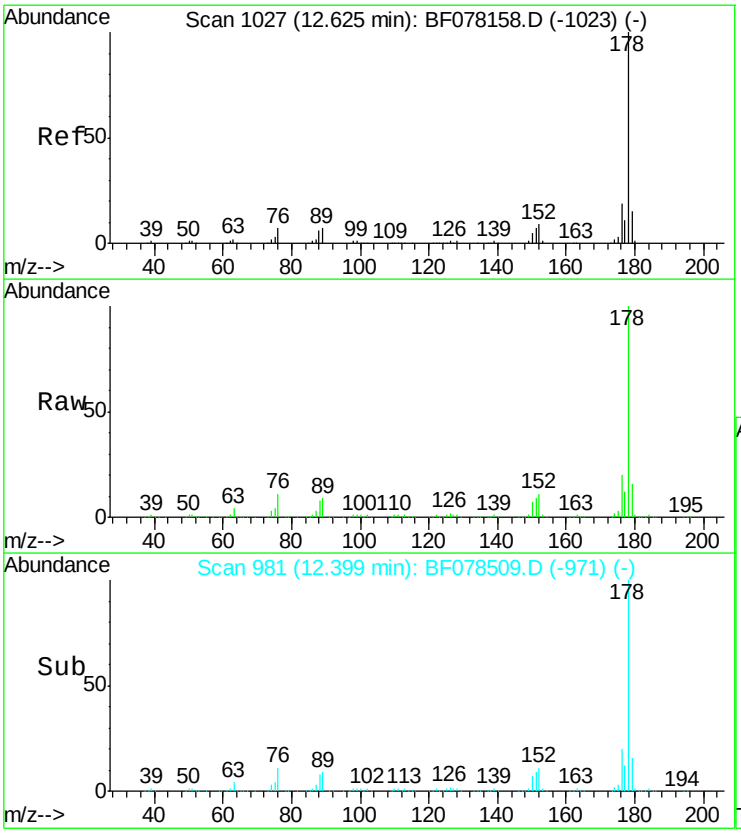
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Instrument :
BNA_F
ClientSampleId :
HS-SB03A

Tgt Ion:188 Resp: 91876

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.0	13.4
80	10.2	9.5	14.3

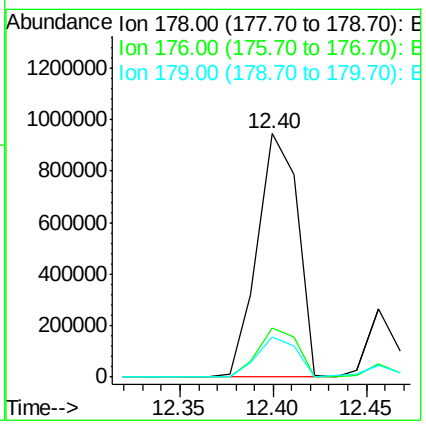


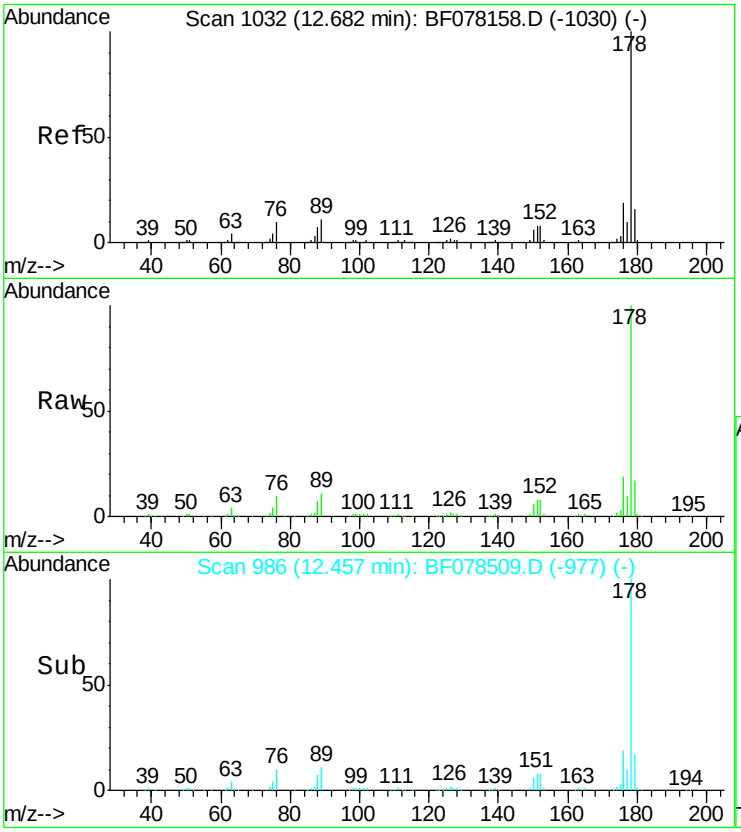


#70
Phenanthrene
Concen: 267.72 ng
RT: 12.40 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Tgt Ion:178 Resp: 1422816

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.0
179	16.2	12.2	18.2



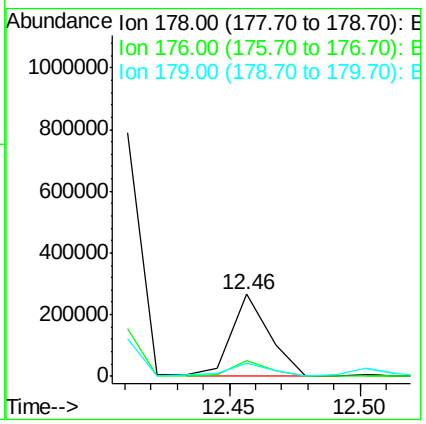


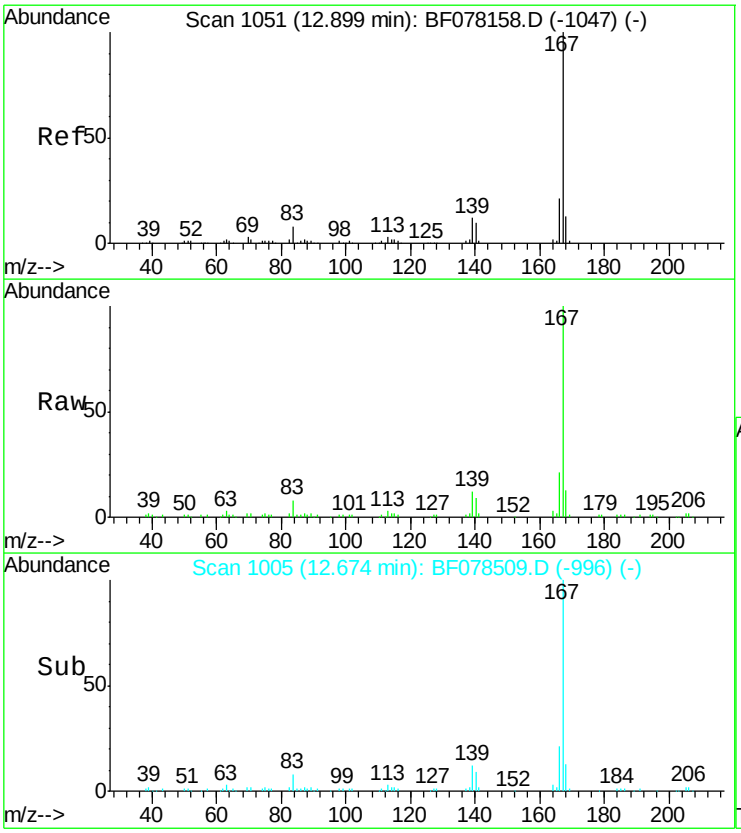
#71
Anthracene
Concen: 50.46 ng
RT: 12.46 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Instrument :
BNA_F
ClientSampleId :
HS-SB03A

Tgt Ion:178 Resp: 264248

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	16.5	12.4	18.6

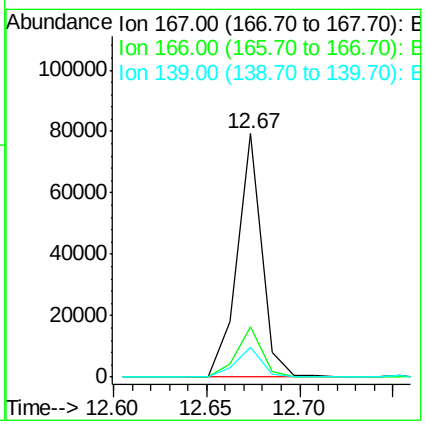


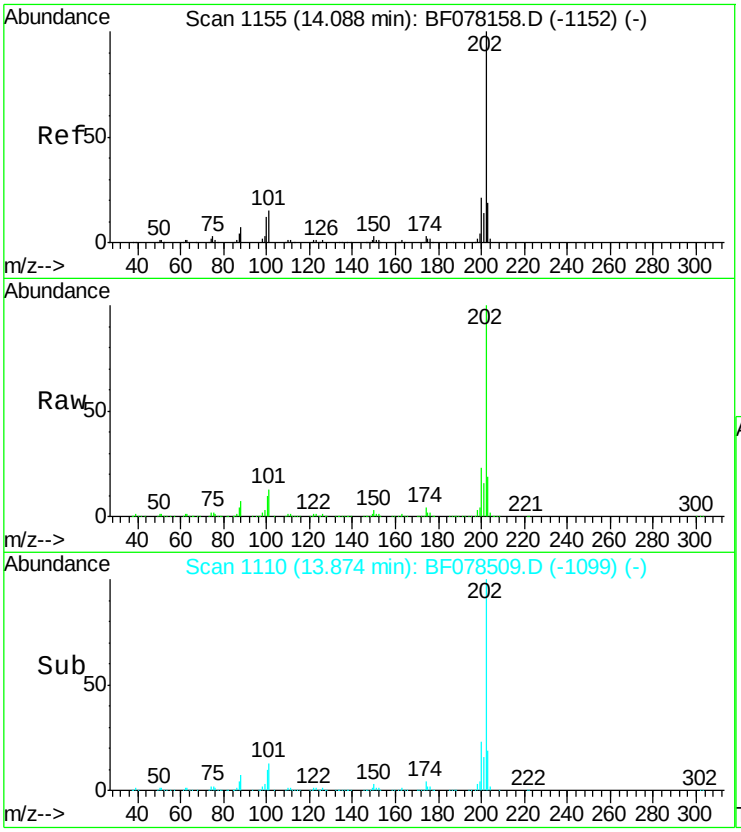


#72
Carbazole
Concen: 14.93 ng
RT: 12.67 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Tgt Ion:167 Resp: 73295

Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.8	25.2
139	12.3	10.0	15.0



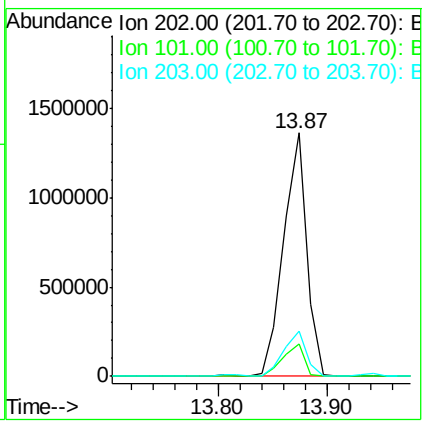


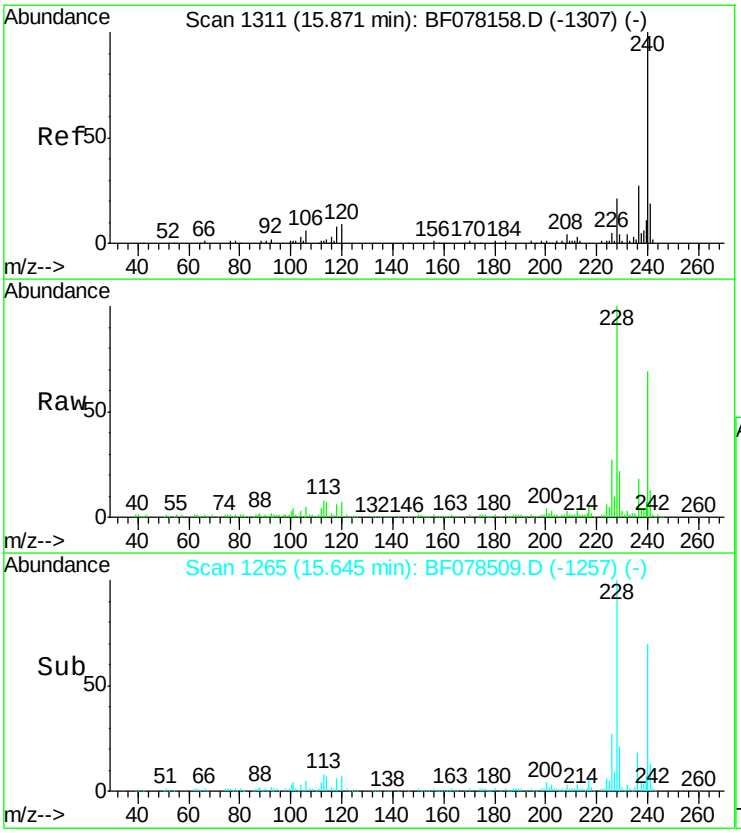
#74
Fluoranthene
Concen: 364.25 ng
RT: 13.87 min Scan# 1110
Delta R.T. 0.02 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Instrument :
BNA_F
ClientSampleId :
HS-SB03A

Tgt Ion:202 Resp: 2041542

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	35.2
203	18.6	0.0	38.5

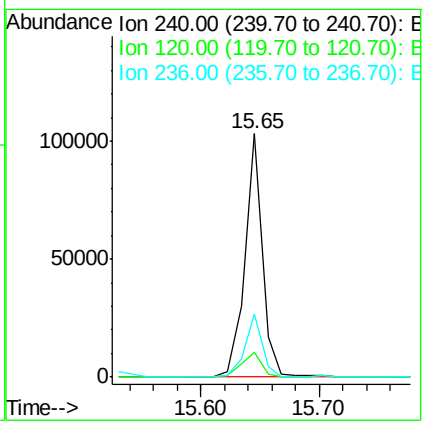


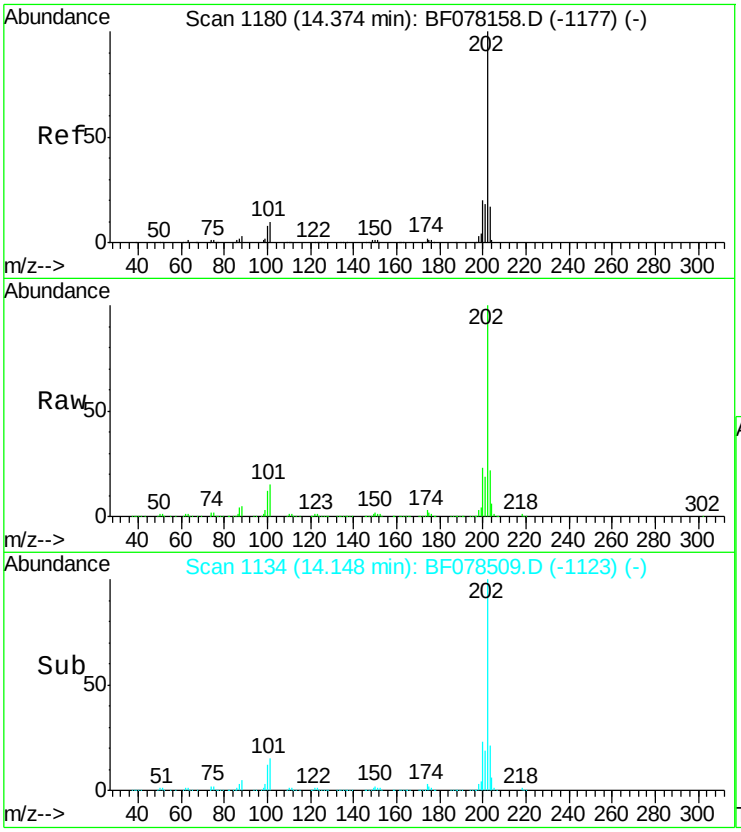


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Tgt Ion:240 Resp: 107686

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.1	10.7
236	25.8	21.4	32.2



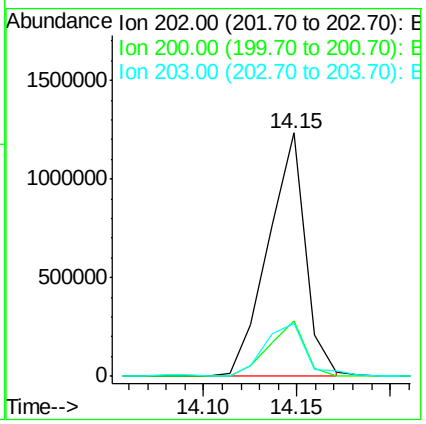


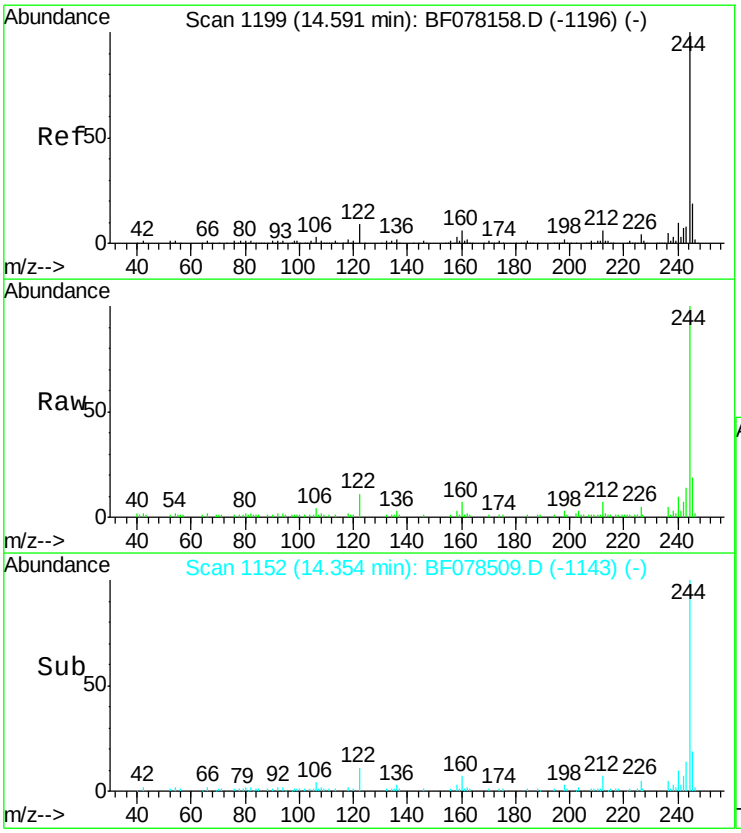
#77
Pyrene
Concen: 253.93 ng
RT: 14.15 min Scan# 1134
Delta R.T. 0.02 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Instrument :
BNA_F
ClientSampleId :
HS-SB03A

Tgt Ion:202 Resp: 1716589

Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.3	24.5
203	21.7	13.8	20.6#

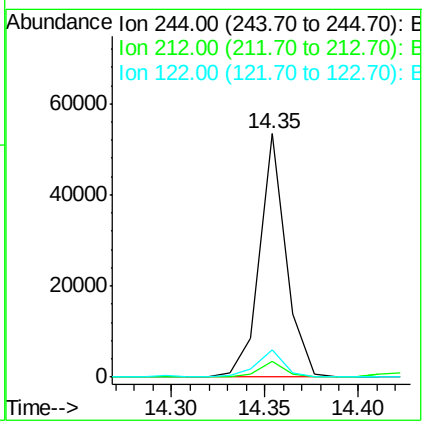


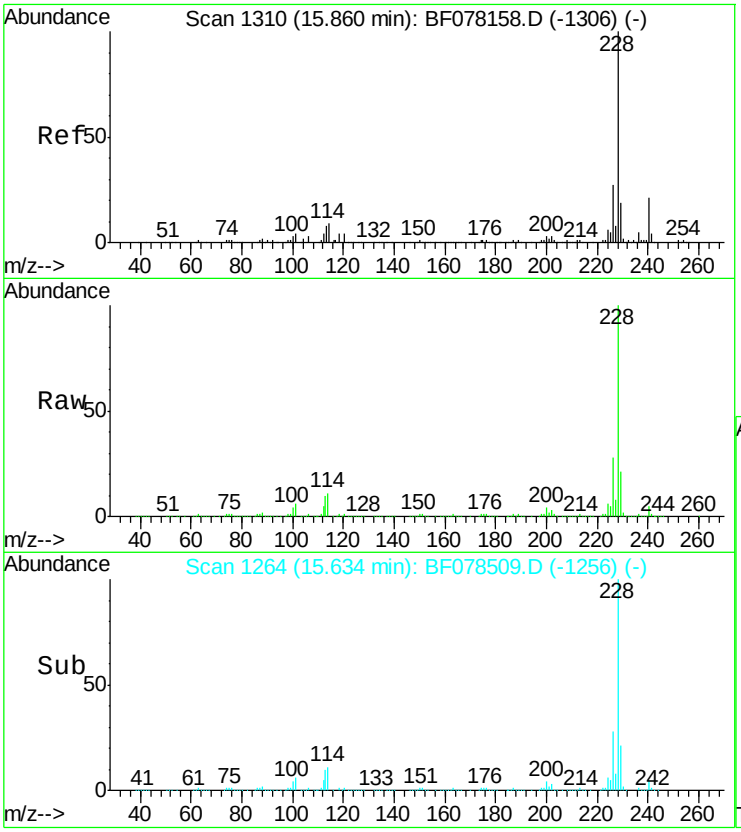


#78
Terphenyl-d14
Concen: 11.14 ng
RT: 14.35 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Tgt Ion:244 Resp: 53101

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.0	7.4
122	11.5	7.1	10.7#



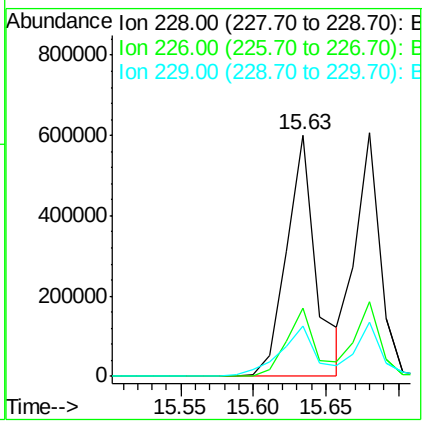


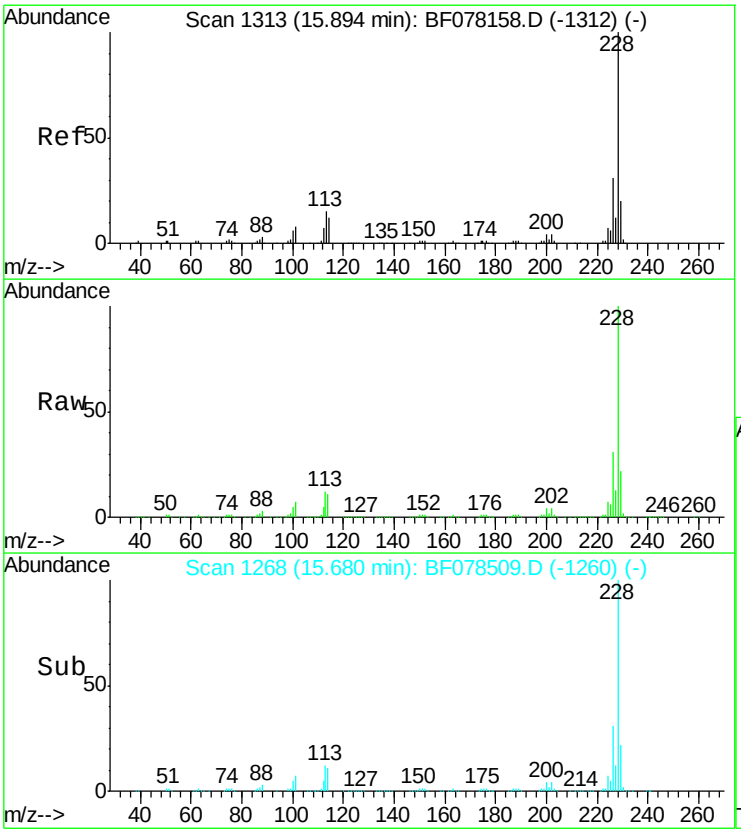
#80
Benzo(a)anthracene
Concen: 132.65 ng
RT: 15.63 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Instrument :
BNA_F
ClientSampleId :
HS-SB03A

Tgt Ion:228 Resp: 849895

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.3	31.9
229	20.9	15.4	23.2

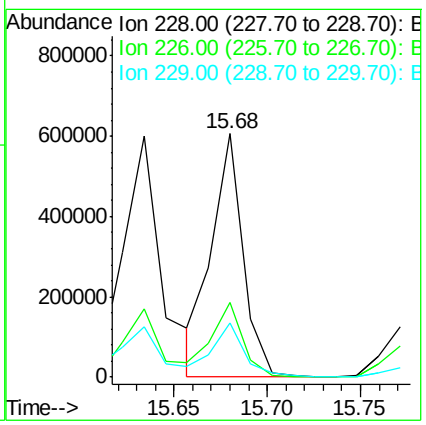


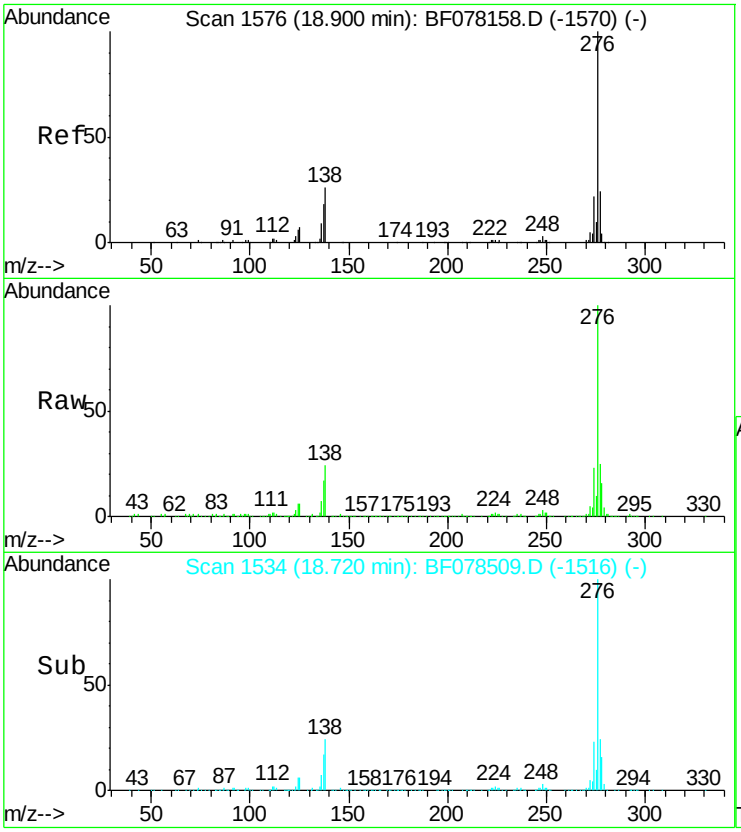


#82
Chrysene
Concen: 116.90 ng
RT: 15.68 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Tgt Ion:228 Resp: 703712

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.4
229	22.2	15.8	23.8



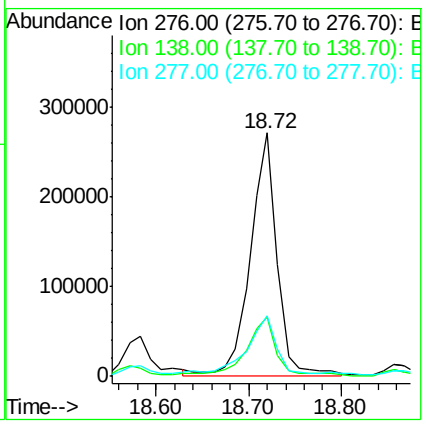


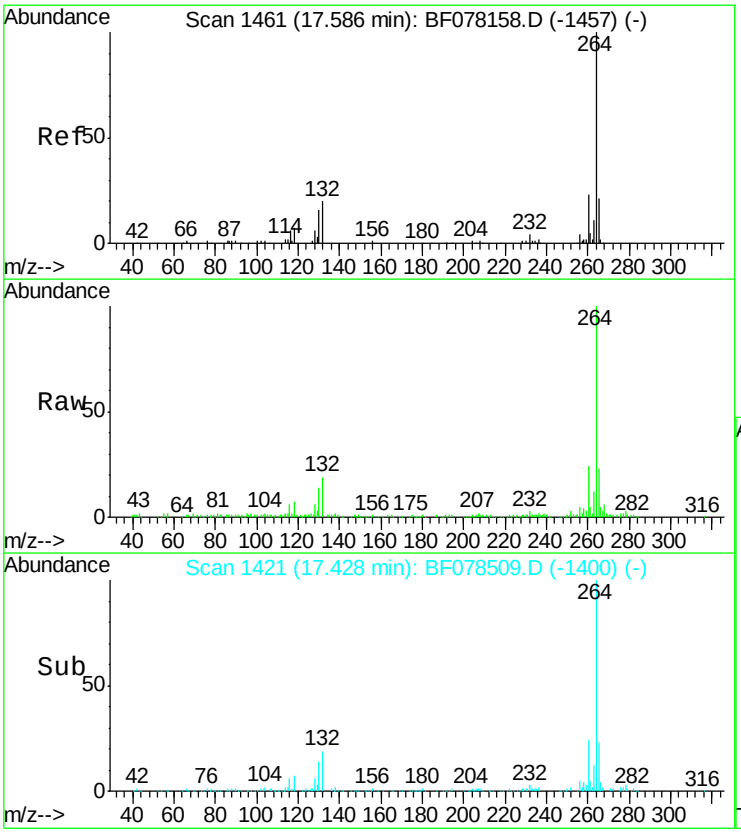
#85
Indeno(1,2,3-cd)pyrene
Concen: 80.98 ng m
RT: 18.72 min Scan# 1534
Delta R.T. -0.09 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Instrument :
BNA_F
ClientSampleId :
HS-SB03A

Tgt Ion:276 Resp: 553188

Ion	Ratio	Lower	Upper
276	100		
138	4.0	16.9	25.3#
277	3.8	15.8	23.6#

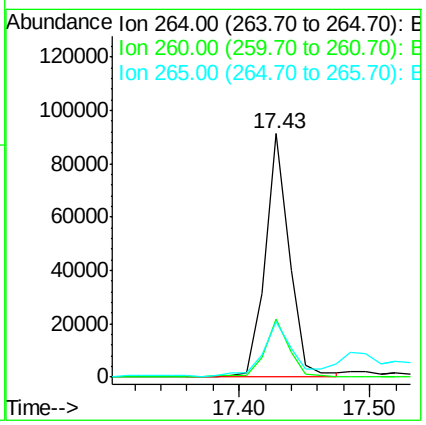


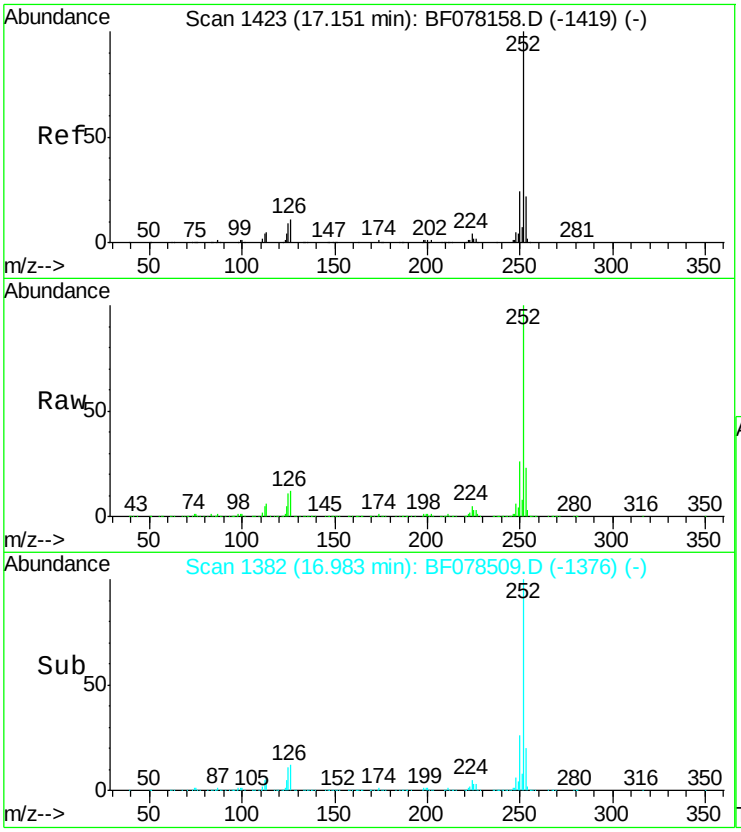


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.43 min Scan# 1421
Delta R.T. -0.06 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Tgt Ion:264 Resp: 118603

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	23.0	17.0	25.6



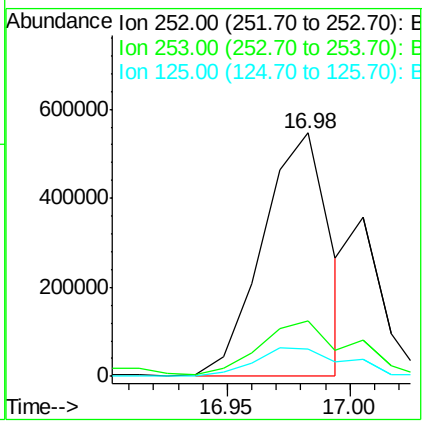


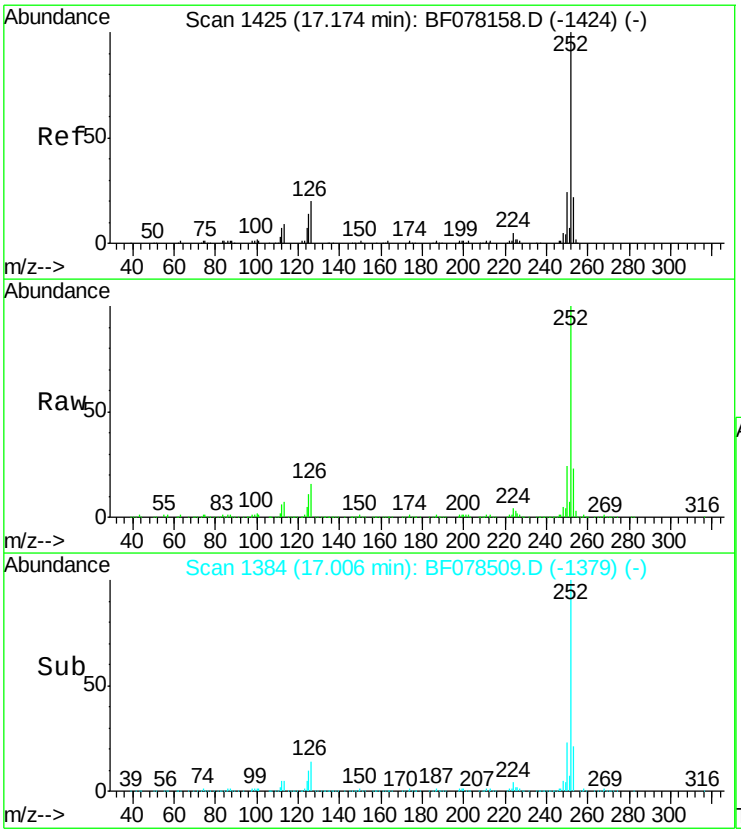
#87
Benzo(b)fluoranthene
Concen: 143.09 ng m
RT: 16.98 min Scan# 1382
Delta R.T. -0.03 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Instrument :
BNA_F
ClientSampleId :
HS-SB03A

Tgt Ion:252 Resp: 1048879

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	11.1	7.0	10.4#

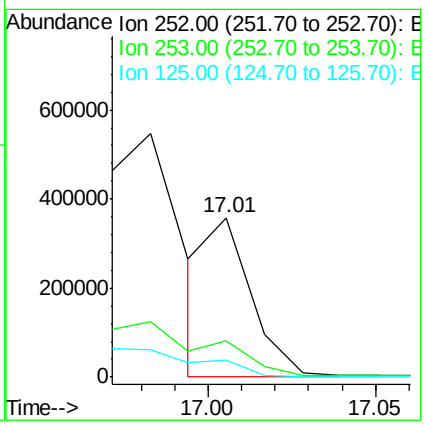


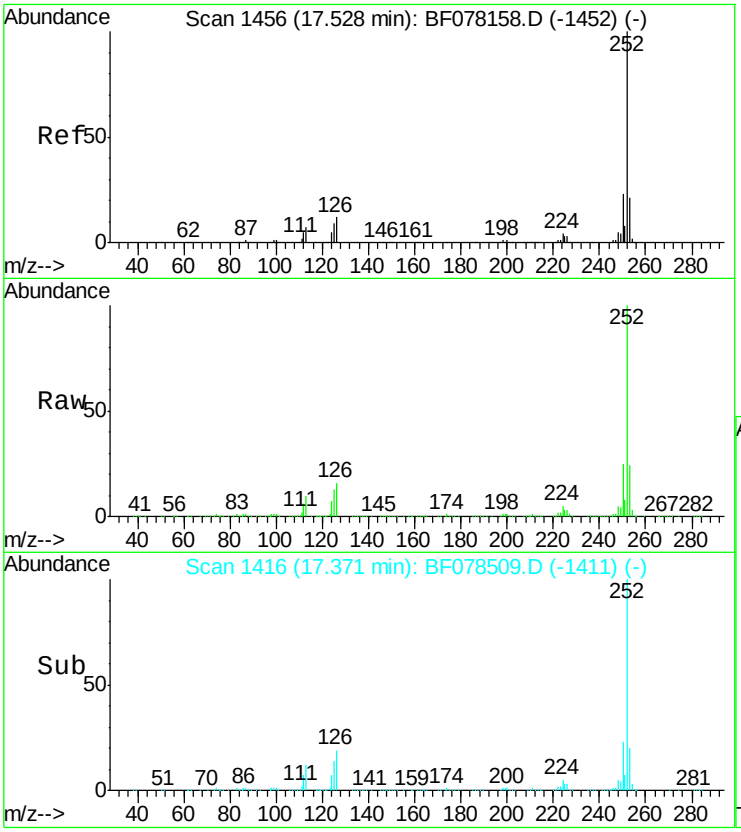


#88
Benzo(k)fluoranthene
Concen: 49.07 ng m
RT: 17.01 min Scan# 1384
Delta R.T. -0.05 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Tgt Ion:252 Resp: 319616

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	11.0	11.6	17.4#



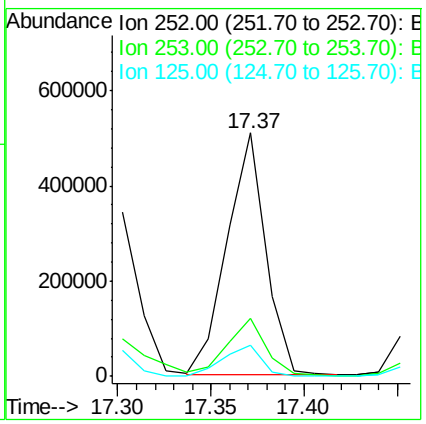


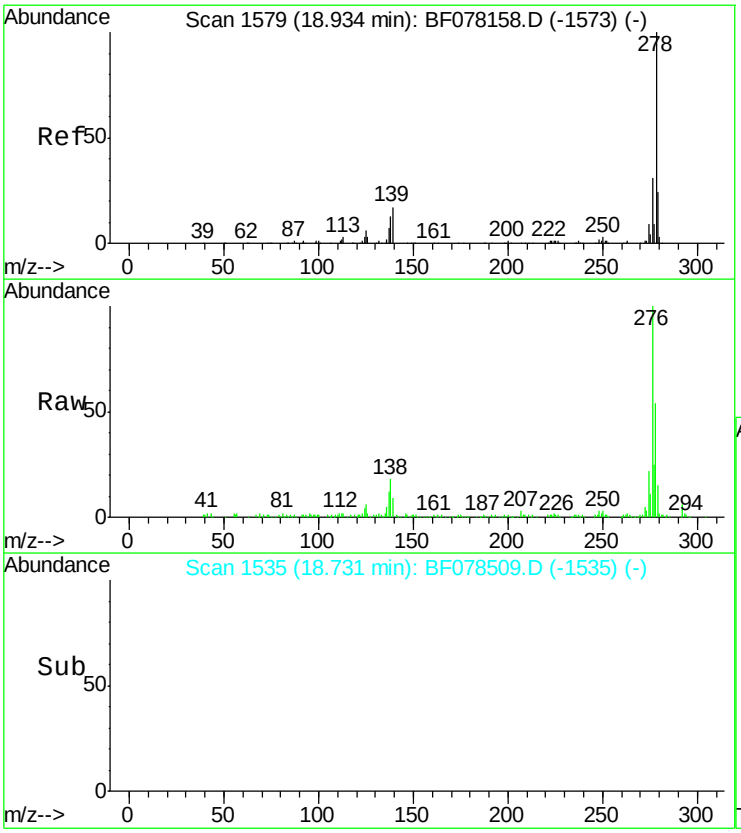
#89
Benzo(a)pyrene
Concen: 114.58 ng
RT: 17.37 min Scan# 1416
Delta R.T. -0.05 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Instrument :
BNA_F
ClientSampleId :
HS-SB03A

Tgt Ion:252 Resp: 732990

Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.8	25.2
125	12.8	7.4	11.0#

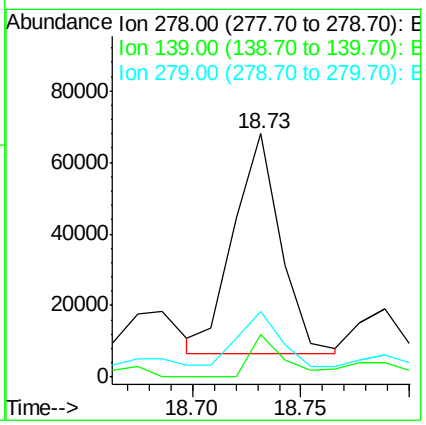


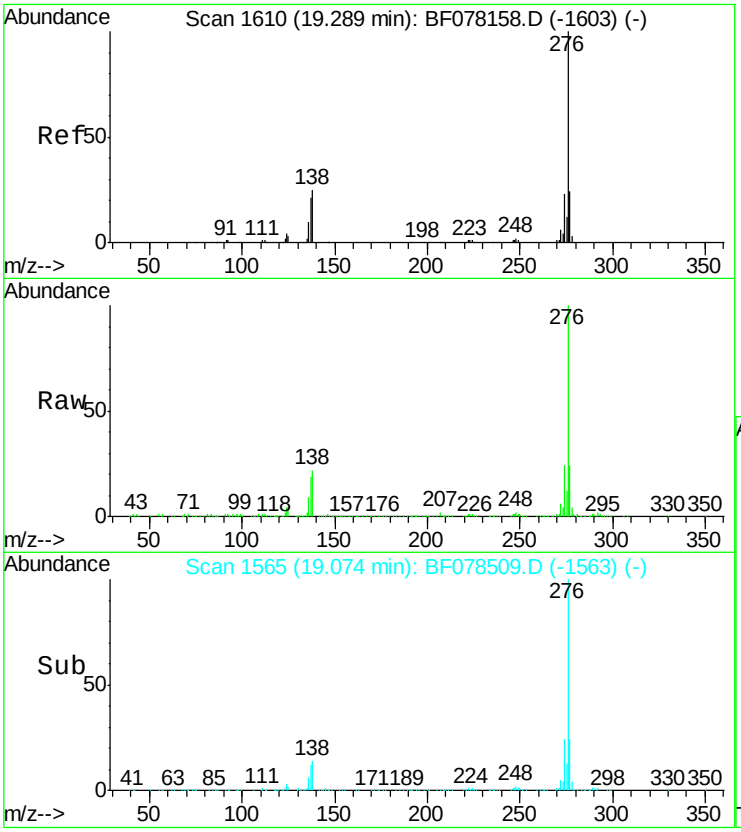


#90
Dibenzo(a,h)anthracene
Concen: 14.53 ng m
RT: 18.73 min Scan# 1535
Delta R.T. -0.10 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Tgt Ion:278 Resp: 93038

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.6	20.4
279	27.1	19.0	28.6





#91
Benzo(g,h,i)perylene
Concen: 81.49 ng
RT: 19.07 min Scan# 1565
Delta R.T. -0.08 min
Lab File: BF078509.D
Acq: 14 Apr 2015 19:59

Instrument :
BNA_F
ClientSampleId :
HS-SB03A

Tgt Ion:276 Resp: 523277

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	21.9	19.9	29.9