Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077602.D
Acq On : 5 Mar 2015 3:33
Operator : TP/IZ
Sample : G1424-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1

Quant Time: Mar 05 04:18:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 21:51:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	69437	20.00	ng		0.00
21) Naphthalene-d8	8.80	136	284129	20.00	ng		0.00
38) Acenaphthene-d10	10.97	164	142271	20.00	ng		0.00
63) Phenanthrene-d10	12.81	188	268083	20.00	ng		0.00
75) Chrysene-d12	16.09	240	289959	20.00	ng		-0.01
86) Perylene-d12	17.79	264	282599	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	298174	71.69	ng		0.00
7) Phenol-d6	6.78	99	547457	102.37	ng		0.00
23) Nitrobenzene-d5	7.91	82	317521	69.49	ng		0.00
41) 2,4,6-Tribromophenol	11.95	330	17138	12.51	ng		0.00
44) 2-Fluorobiphenyl	10.14	172	675136	73.99	ng		0.00
78) Terphenyl-d14	14.81	244	758531	61.16	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.80	94	13511	2.13	ng		87
48) Acenaphthylene	10.80	152	30522	2.28	ng		99
49) Dimethylphthalate	10.65	163	60494	6.05	ng		98
70) Phenanthrene	12.84	178	210939	13.58	ng		100
71) Anthracene	12.90	178	76496	4.96	ng		98
74) Fluoranthene	14.32	202	681869	40.17	ng		100
76) Benzidine	14.50	184	23954	2.45	ng	#	96
77) Pyrene	14.60	202	562877	31.73	ng		98
80) Benzo(a)anthracene	16.08	228	297139	17.49	ng		96
82) Chrysene	16.12	228	242262	15.18	ng		97
85) Indeno(1,2,3-cd)pyrene	19.22	276	105715	5.81	ng		96
87) Benzo(b)fluoranthene	17.37	252	425709	25.91	ng	#	91
88) Benzo(k)fluoranthene	17.37	252	425709	26.43	ng	#	96
89) Benzo(a)pyrene	17.73	252	198094	12.66	ng	#	91
90) Dibenzo(a,h)anthracene	19.23	278	34169	2.29	ng	#	75
91) Benzo(g,h,i)perylene	19.64	276	130912	8.69	ng		97

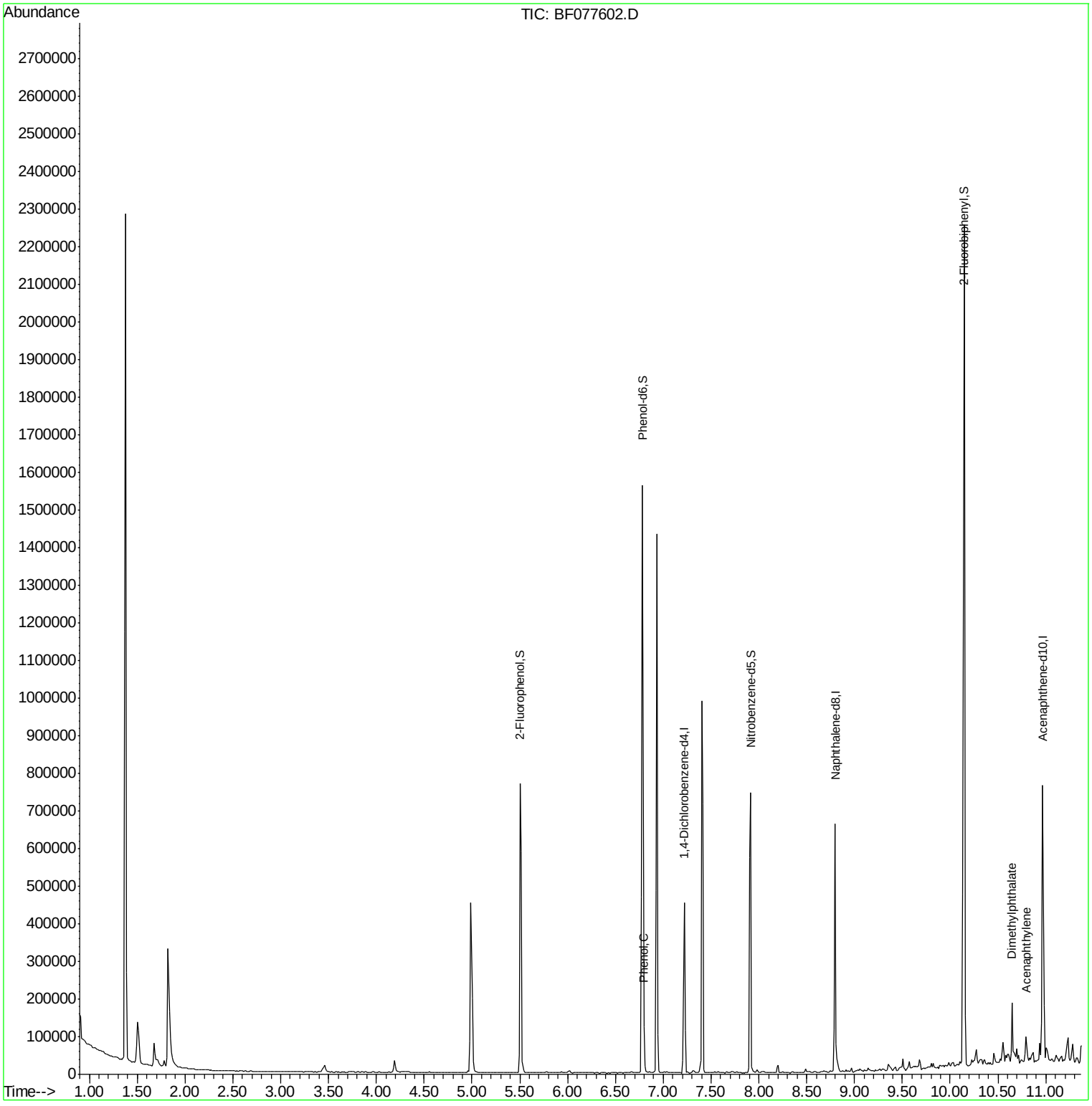
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077602.D
Acq On : 5 Mar 2015 3:33
Operator : TP/IZ
Sample : G1424-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB1

Quant Time: Mar 05 04:18:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 21:51:23 2015
Response via : Initial Calibration

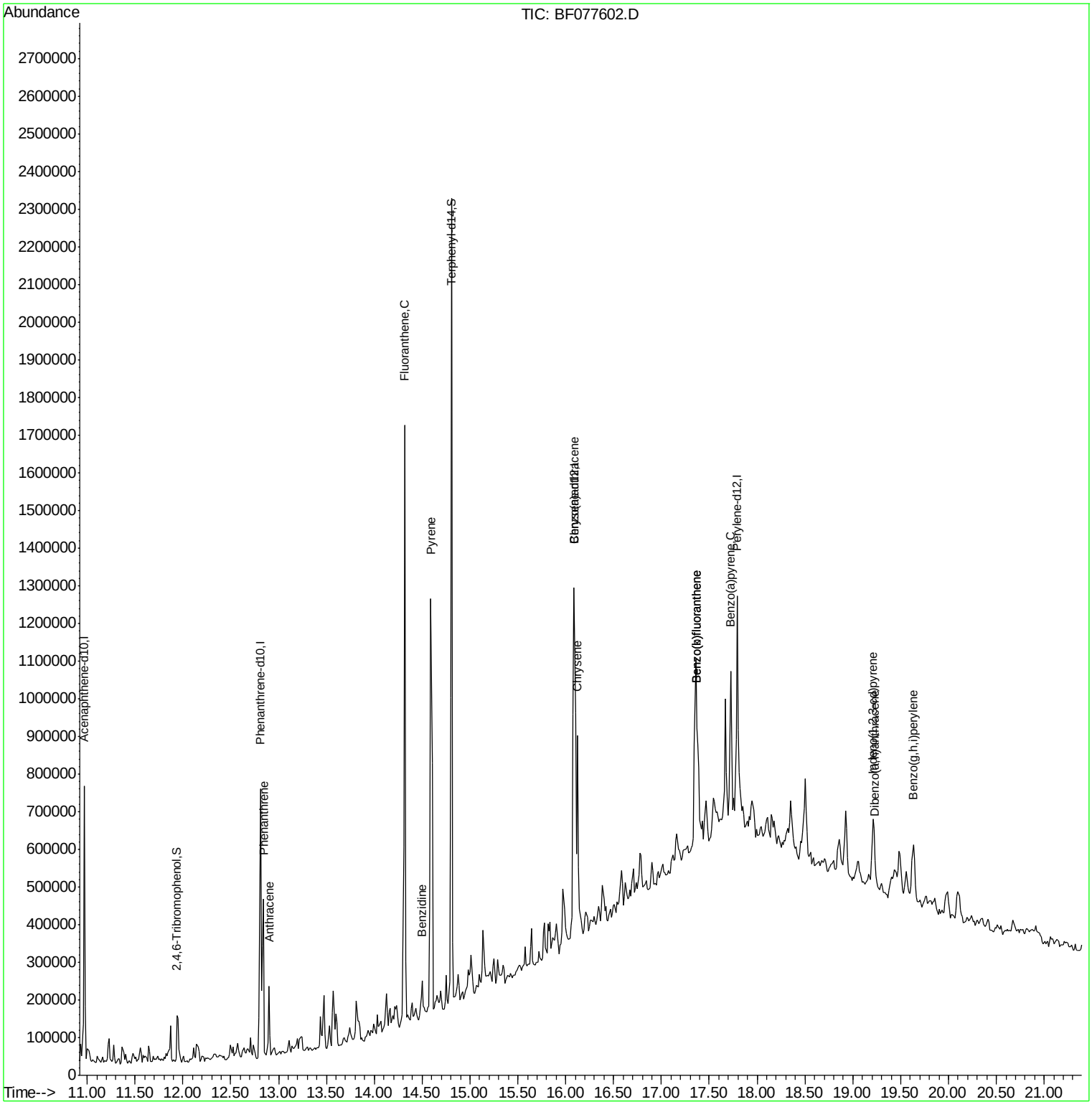


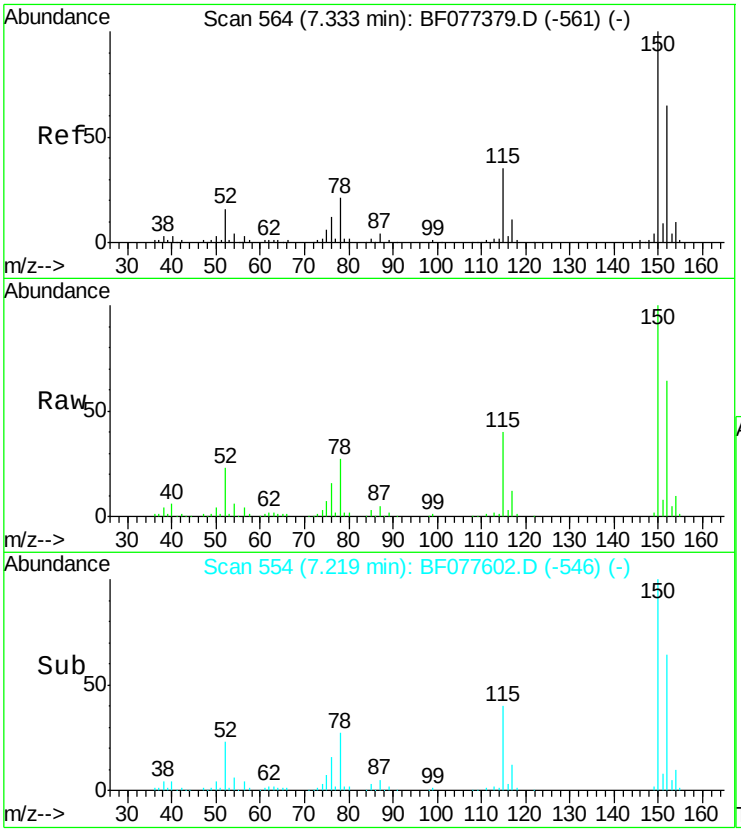
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077602.D
Acq On : 5 Mar 2015 3:33
Operator : TP/IZ
Sample : G1424-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1

Quant Time: Mar 05 04:18:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 21:51:23 2015
Response via : Initial Calibration



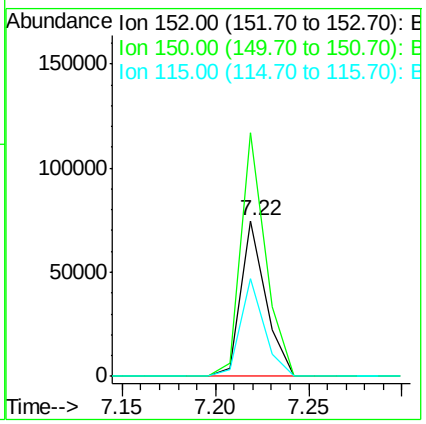


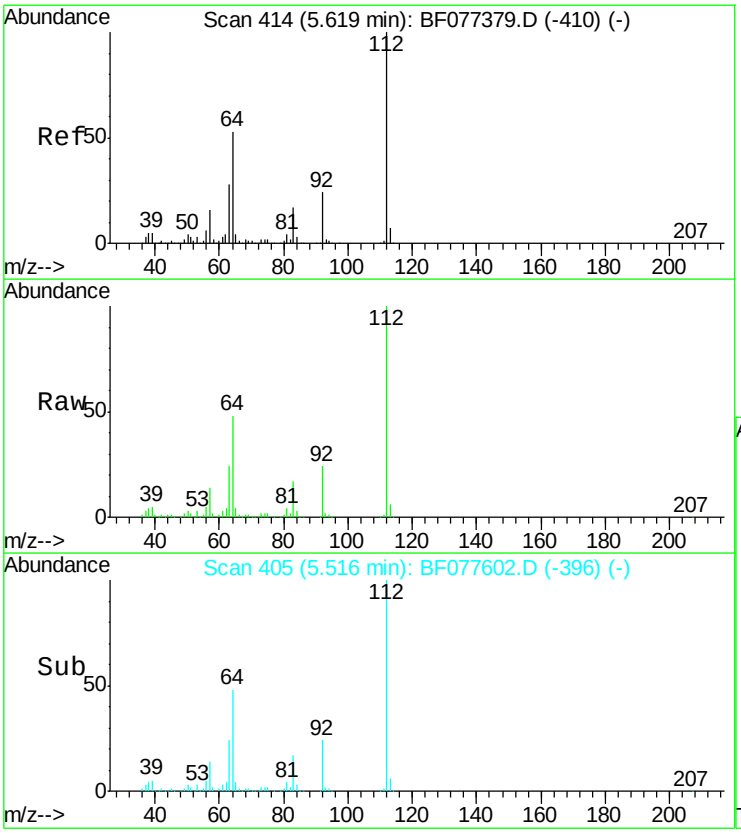
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Instrument :
BNA_F
ClientSampleId :
SB1

Tgt Ion:152 Resp: 69437

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.0	186.0
115	62.3	49.4	74.2

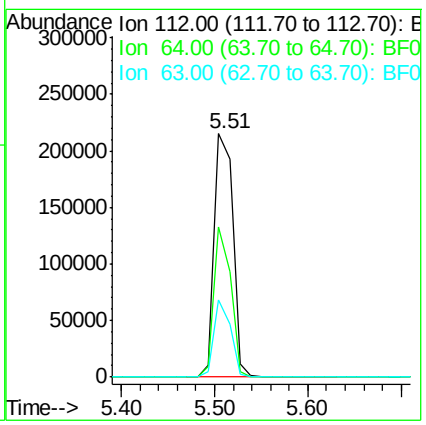


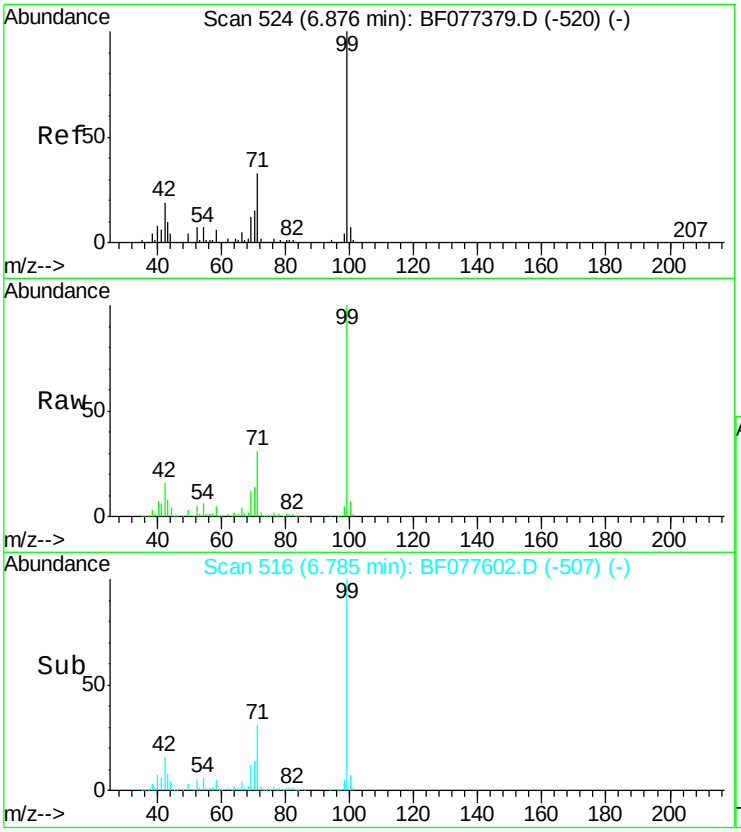


#5
2-Fluorophenol
Concen: 71.69 ng
RT: 5.51 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Tgt Ion:112 Resp: 298174

Ion	Ratio	Lower	Upper
112	100		
64	48.2	48.5	72.7#
63	24.4	25.0	37.4#



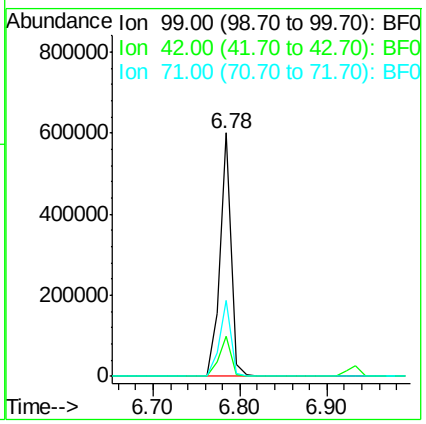


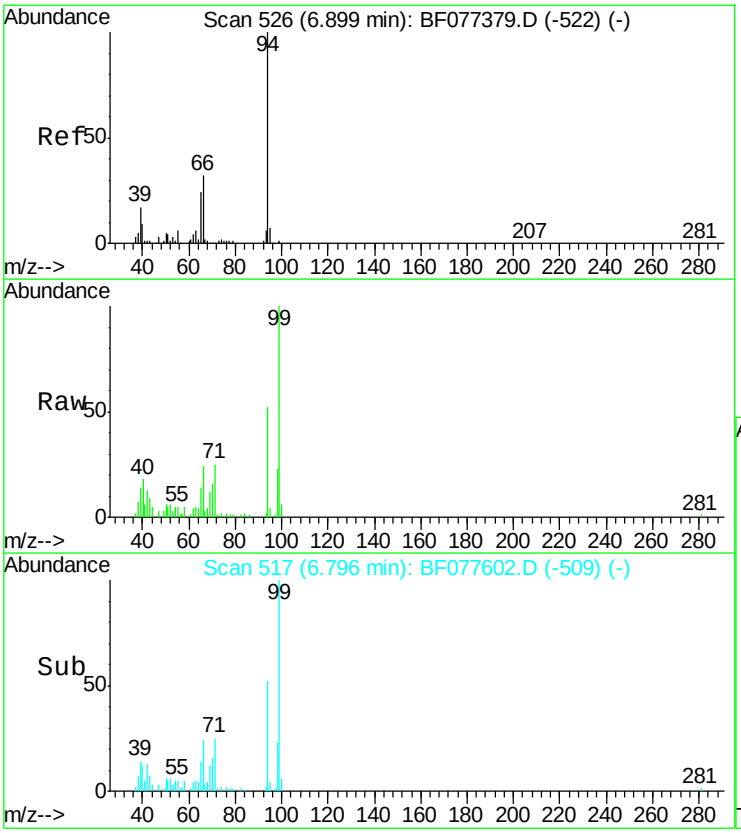
#7
Phenol-d6
Concen: 102.37 ng
RT: 6.78 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Instrument :
BNA_F
ClientSampleId :
SB1

Tgt Ion: 99 Resp: 547457

Ion	Ratio	Lower	Upper
99	100		
42	16.4	16.2	24.4
71	31.4	26.7	40.1

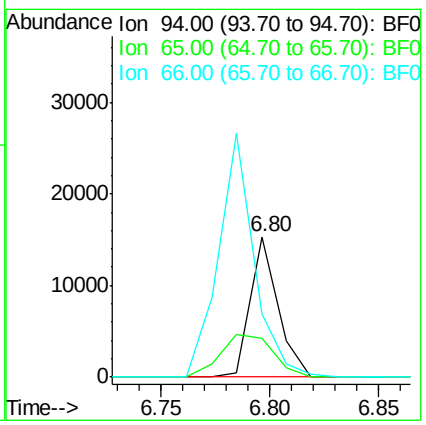


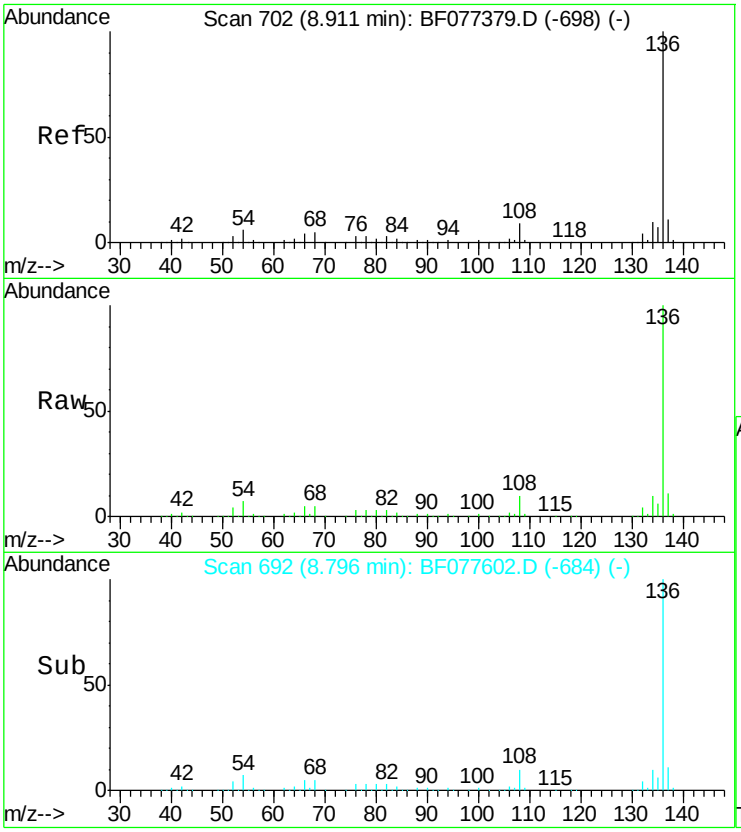


#10
Phenol
Concen: 2.13 ng
RT: 6.80 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Tgt Ion: 94 Resp: 13511

Ion	Ratio	Lower	Upper
94	100		
65	27.4	5.7	45.7
66	44.9	13.6	53.6



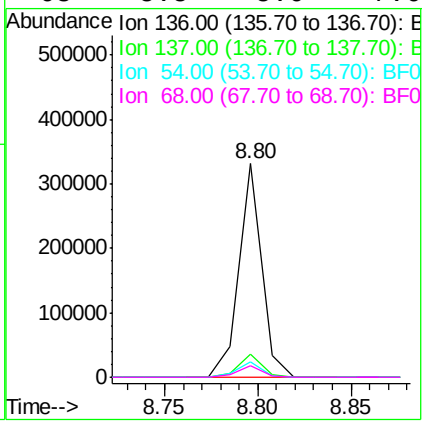


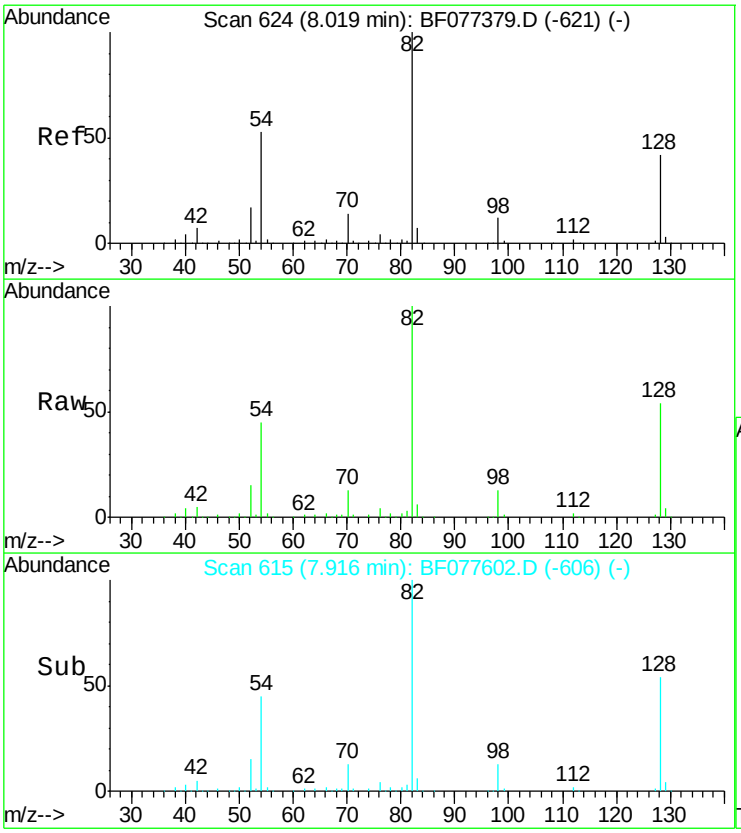
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Instrument :
BNA_F
ClientSampleId :
SB1

Tgt Ion:136 Resp: 284129

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.1	6.2	9.4
68	5.5	5.0	7.6

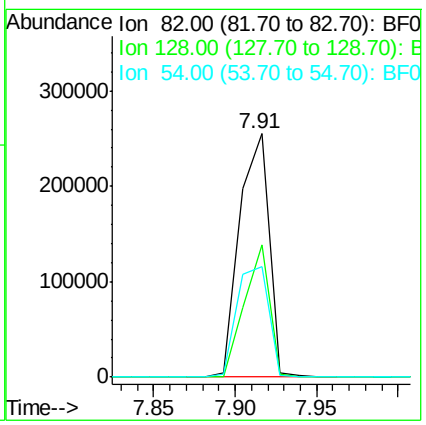


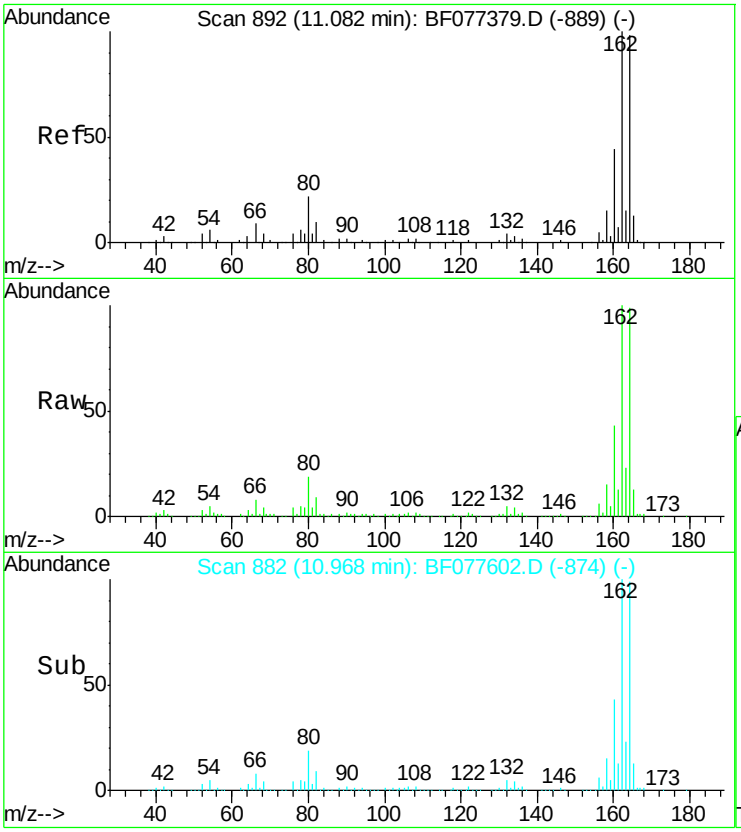


#23
Nitrobenzene-d5
Concen: 69.49 ng
RT: 7.91 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Tgt Ion: 82 Resp: 317521

Ion	Ratio	Lower	Upper
82	100		
128	54.2	43.8	65.8
54	45.1	36.7	55.1



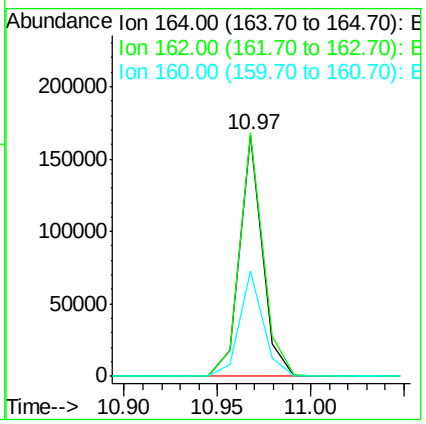


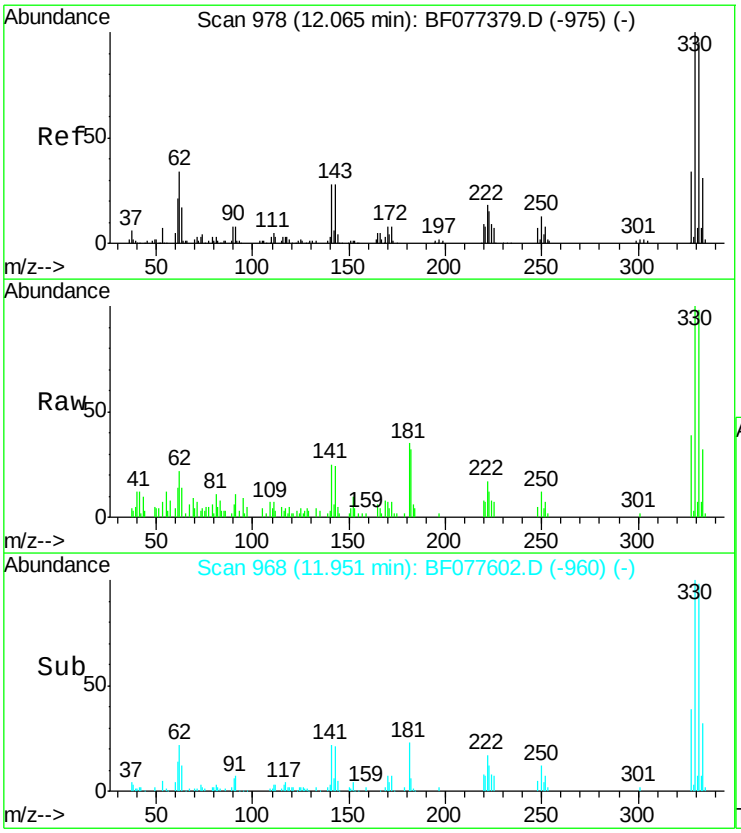
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Instrument :
BNA_F
ClientSampleId :
SB1

Tgt Ion:164 Resp: 142271

Ion	Ratio	Lower	Upper
164	100		
162	100.8	83.2	124.8
160	43.8	34.6	52.0

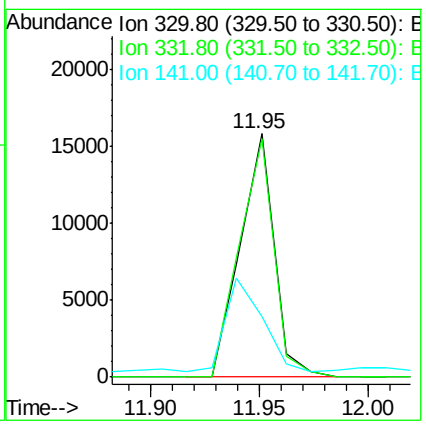


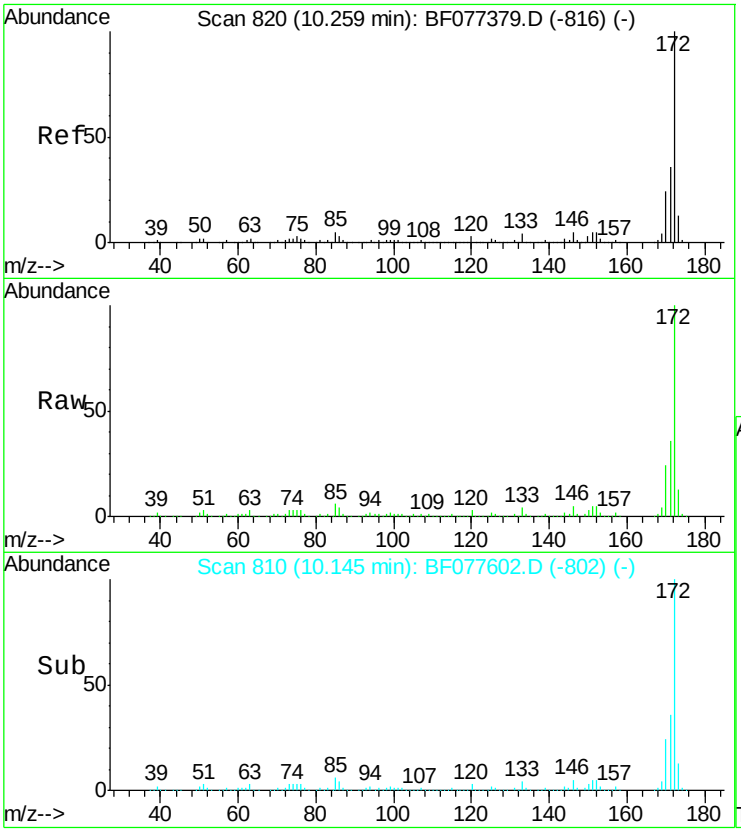


#41
2,4,6-Tribromophenol
Concen: 12.51 ng
RT: 11.95 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Tgt Ion:330 Resp: 17138

Ion	Ratio	Lower	Upper
330	100		
332	100.0	77.4	116.2
141	42.4	28.8	43.2



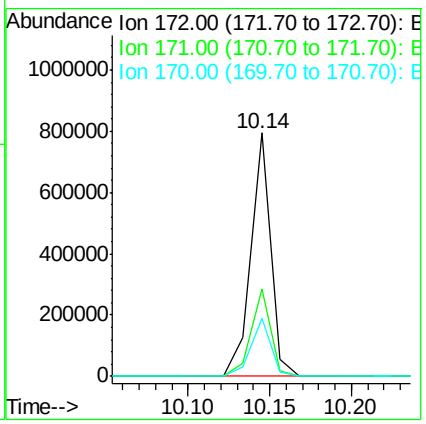


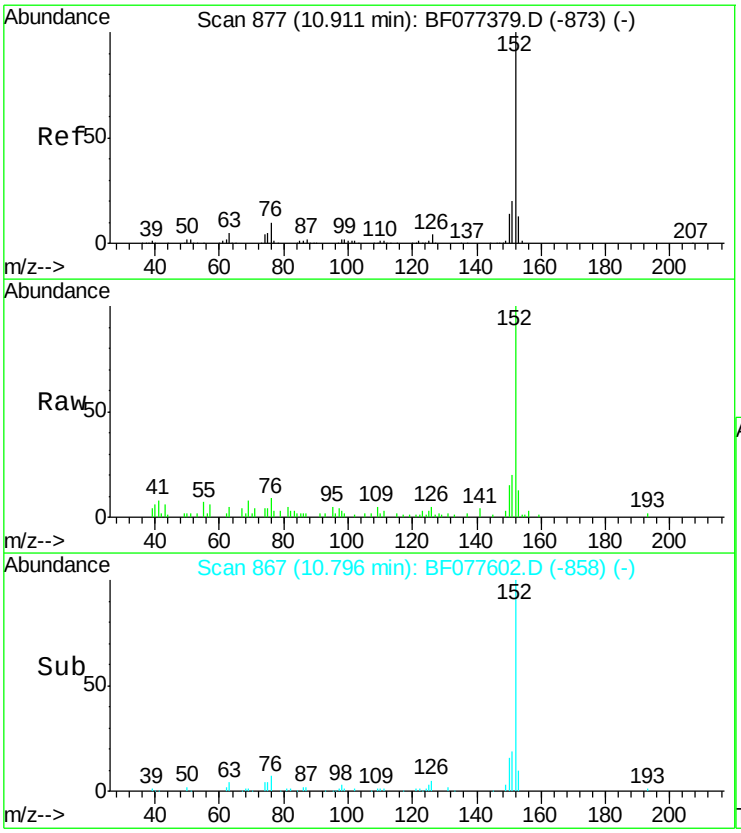
#44
2-Fluorobiphenyl
Concen: 73.99 ng
RT: 10.14 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Instrument :
BNA_F
ClientSampleId :
SB1

Tgt Ion:172 Resp: 675136

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	24.0	19.4	29.2

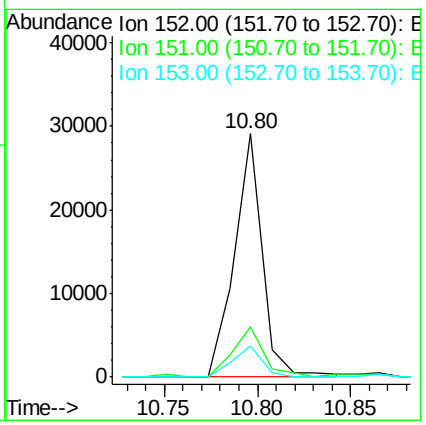


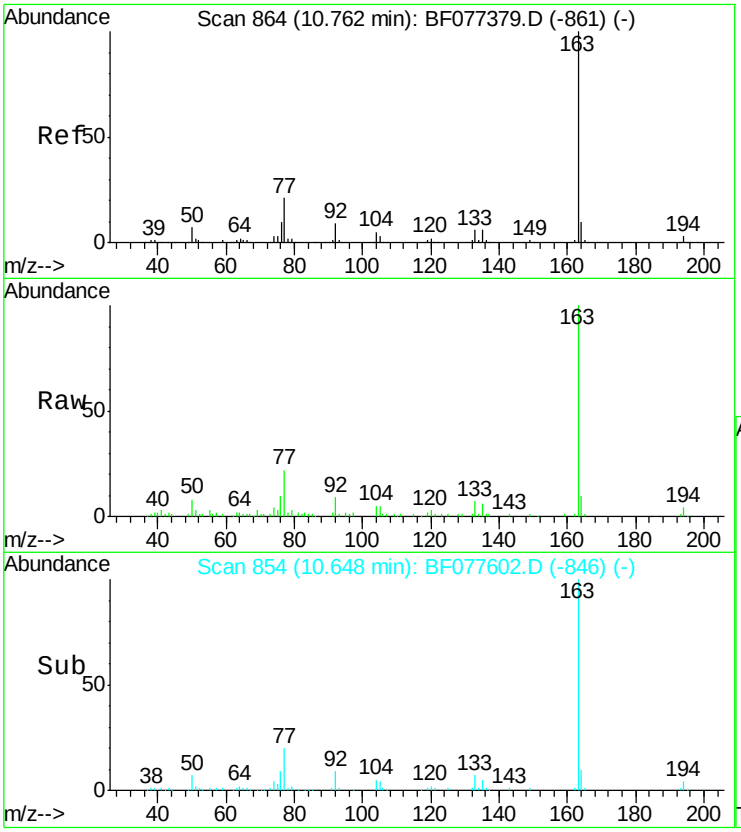


#48
Acenaphthylene
Concen: 2.28 ng
RT: 10.80 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Tgt Ion:152 Resp: 30522

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1
153	13.0	10.9	16.3



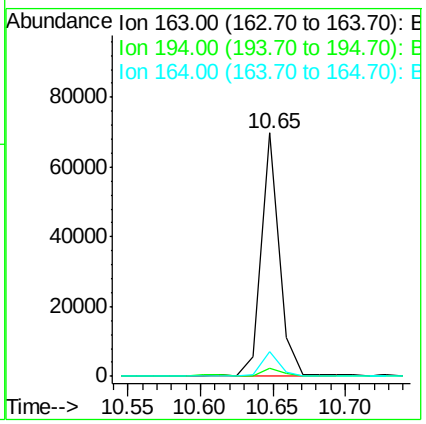


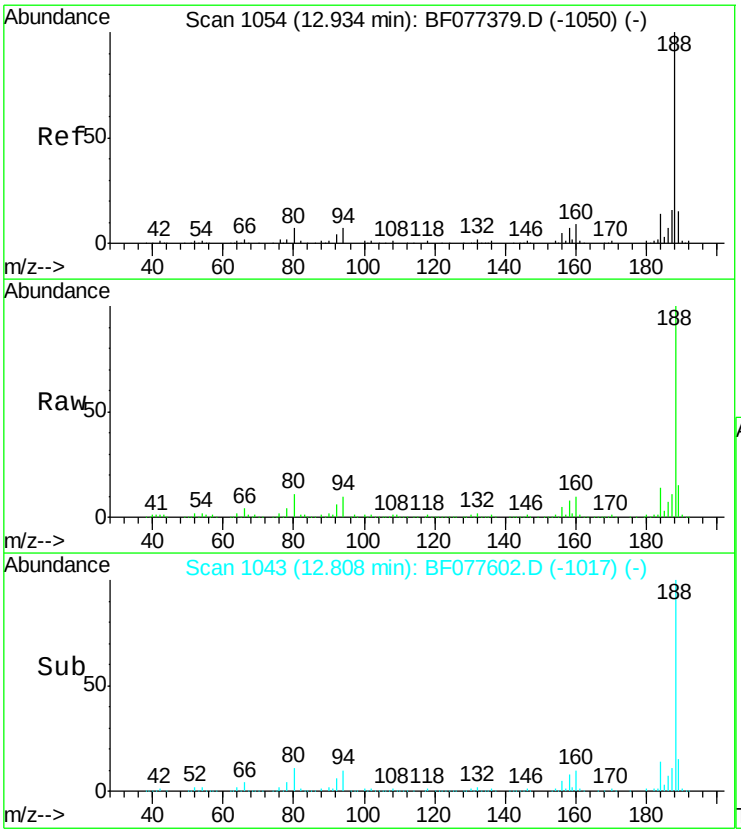
#49
Dimethylphthalate
Concen: 6.05 ng
RT: 10.65 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Instrument :
BNA_F
ClientSampleId :
SB1

Tgt Ion:163 Resp: 60494

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.9	8.6	13.0

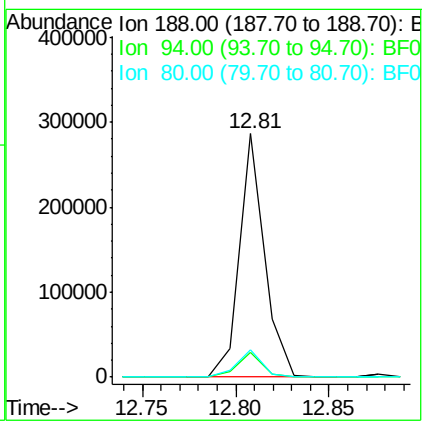


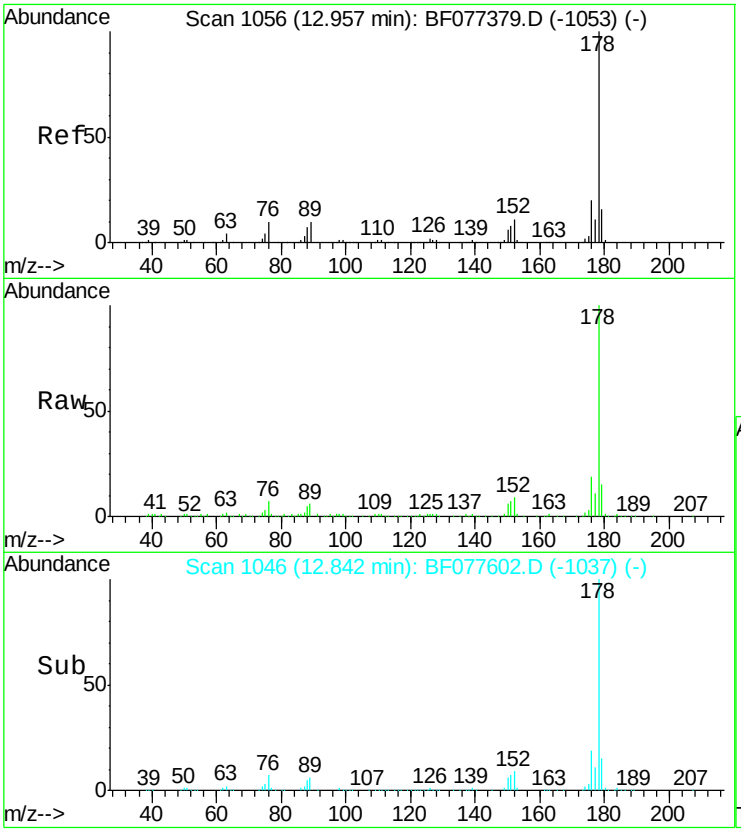


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Tgt Ion:188 Resp: 268083

Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.4	11.2
80	11.0	8.0	12.0



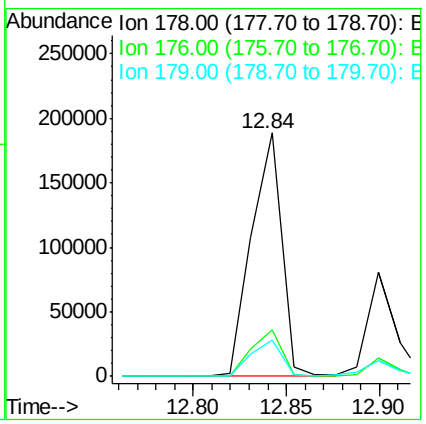


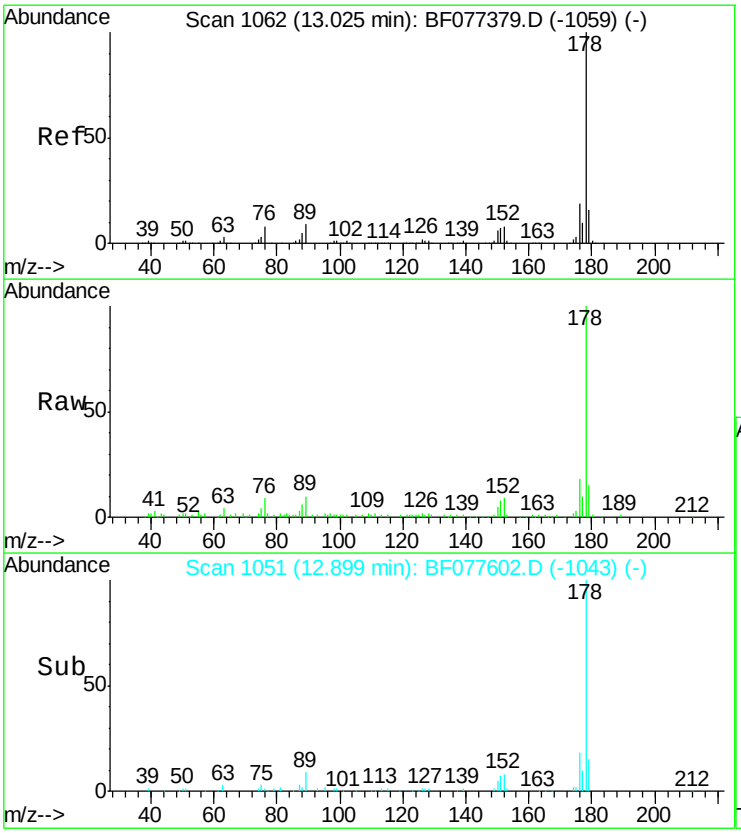
#70
Phenanthrene
Concen: 13.58 ng
RT: 12.84 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Instrument :
BNA_F
ClientSampleId :
SB1

Tgt Ion:178 Resp: 210939

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	14.9	12.2	18.2

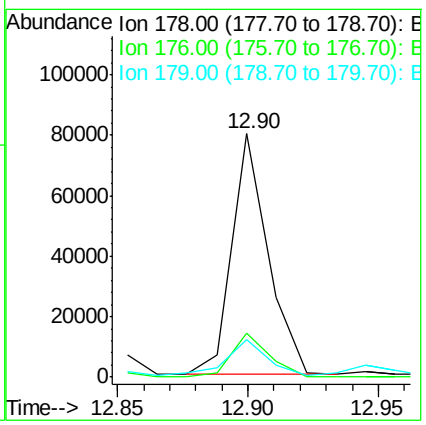


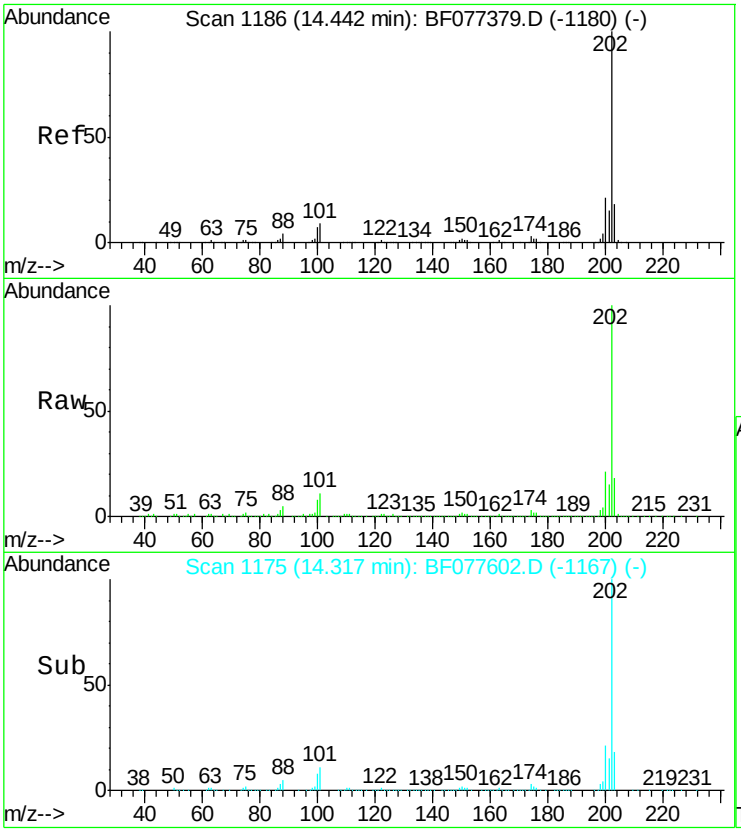


#71
Anthracene
Concen: 4.96 ng
RT: 12.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Tgt Ion:178 Resp: 76496

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.0
179	15.4	12.9	19.3



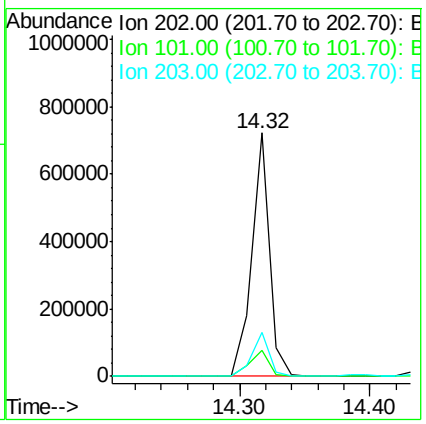


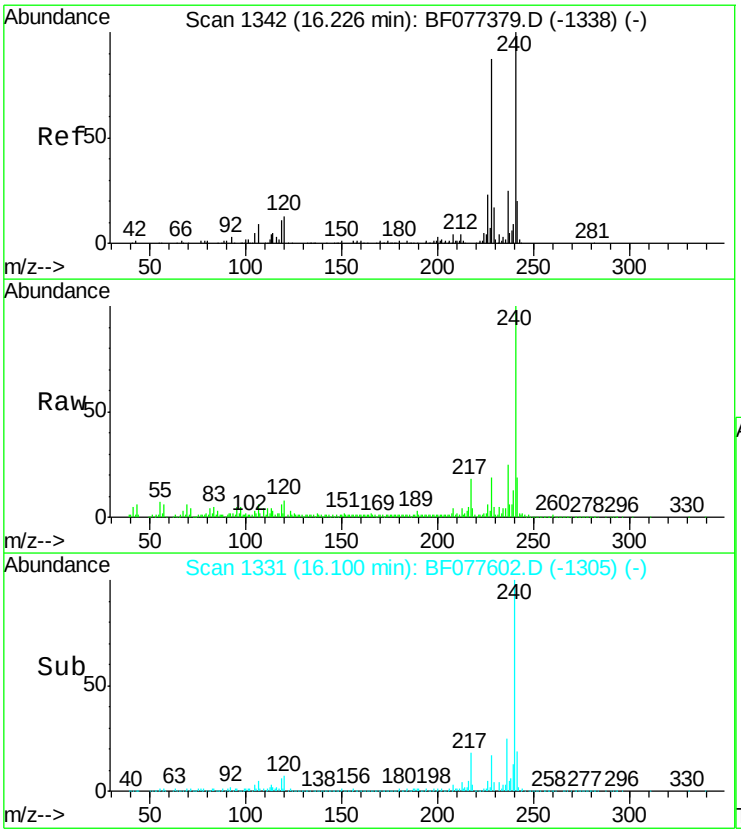
#74
Fluoranthene
Concen: 40.17 ng
RT: 14.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Instrument :
BNA_F
ClientSampleId :
SB1

Tgt Ion:202 Resp: 681869

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.8
203	17.8	0.0	37.7

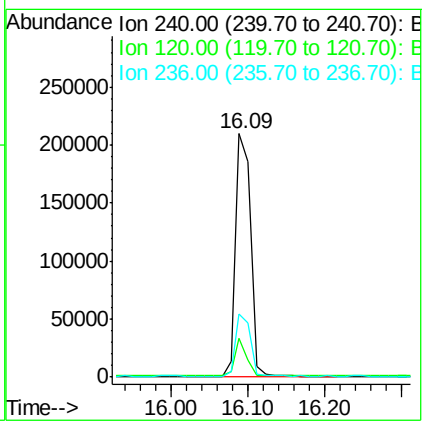


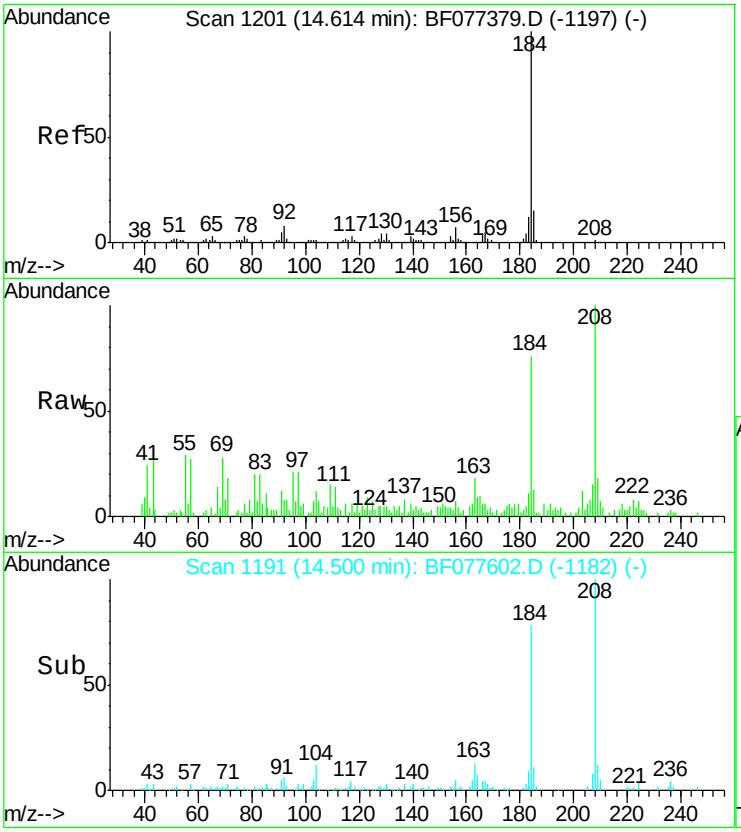


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Tgt Ion:240 Resp: 289959

Ion	Ratio	Lower	Upper
240	100		
120	7.8	8.8	13.2#
236	25.1	20.7	31.1



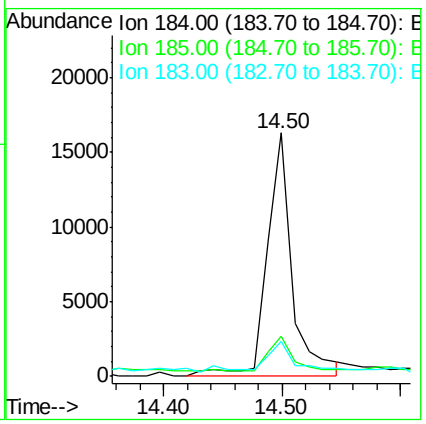


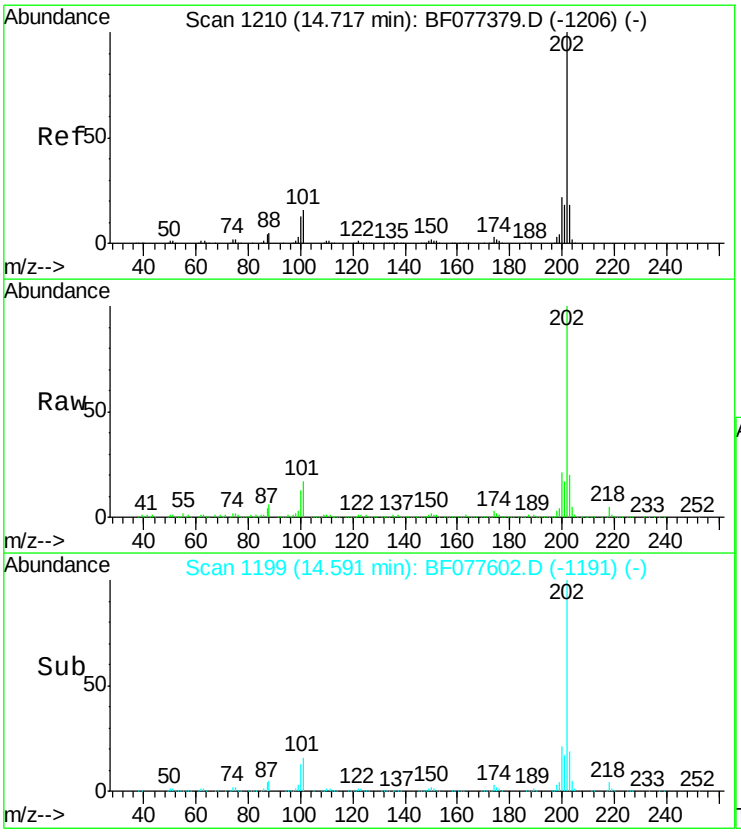
#76
Benzidine
Concen: 2.45 ng
RT: 14.50 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Instrument :
BNA_F
ClientSampleId :
SB1

Tgt Ion:184 Resp: 23954

Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.6	18.8
183	14.4	9.3	13.9#

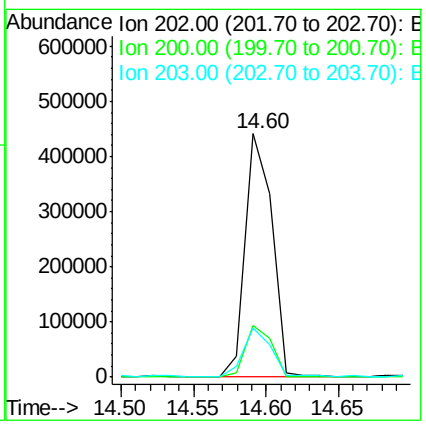


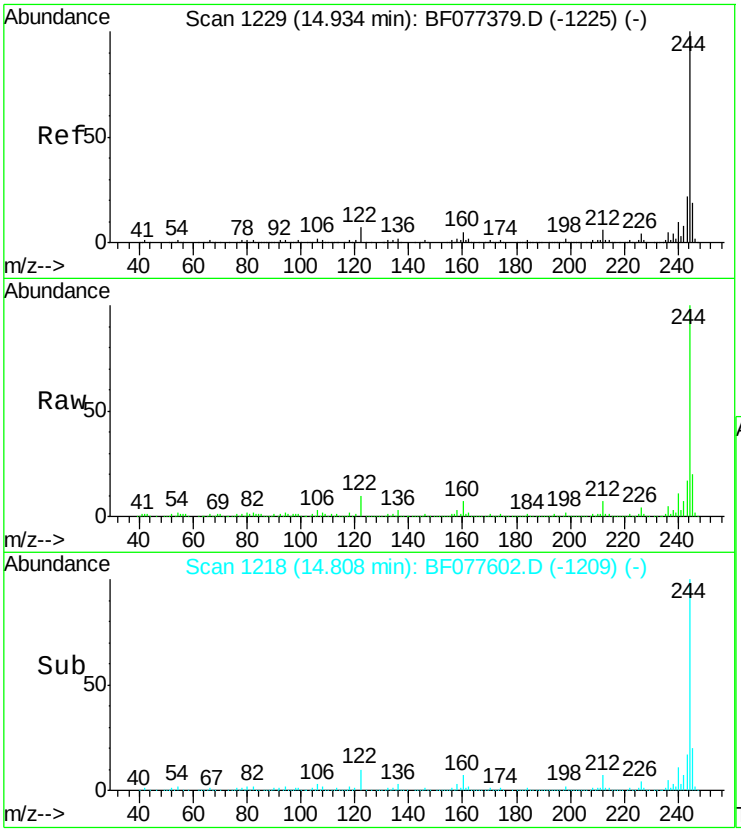


#77
Pyrene
Concen: 31.73 ng
RT: 14.60 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Tgt Ion:202 Resp: 562877

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	19.9	14.2	21.2



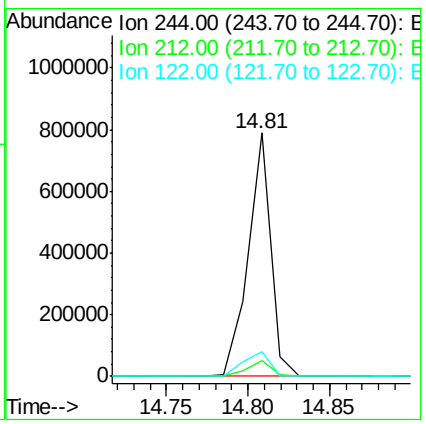


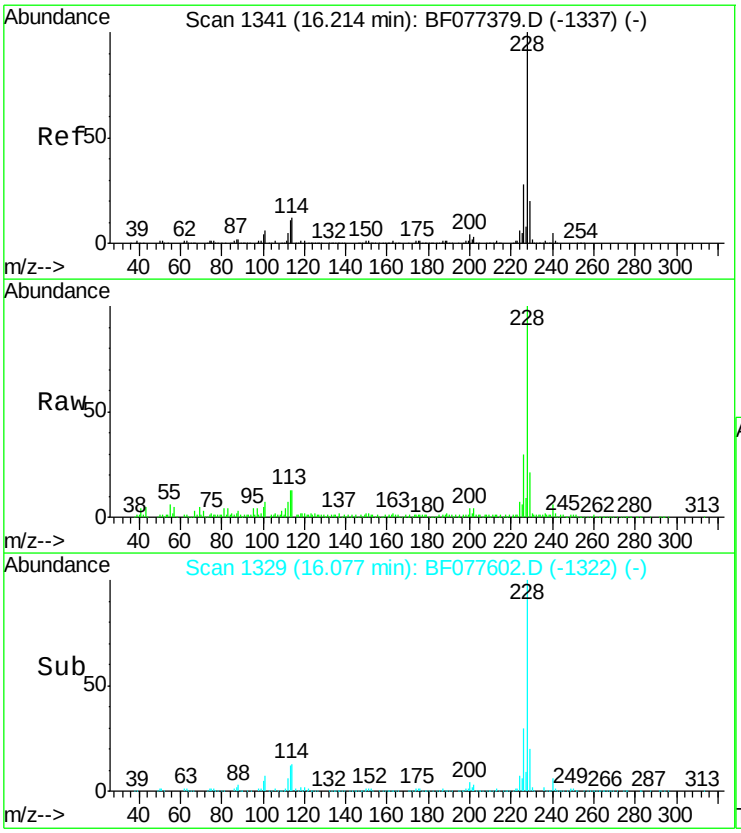
#78
Terphenyl-d14
Concen: 61.16 ng
RT: 14.81 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Instrument :
BNA_F
ClientSampleId :
SB1

Tgt Ion:244 Resp: 758531

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	10.3	7.8	11.8

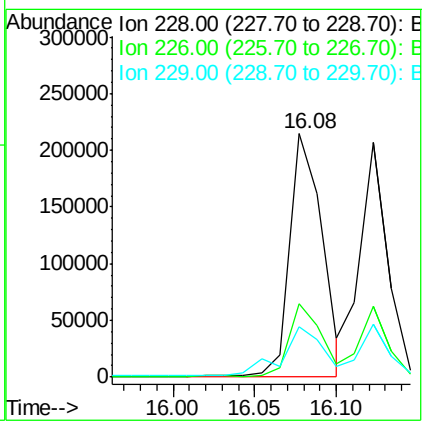


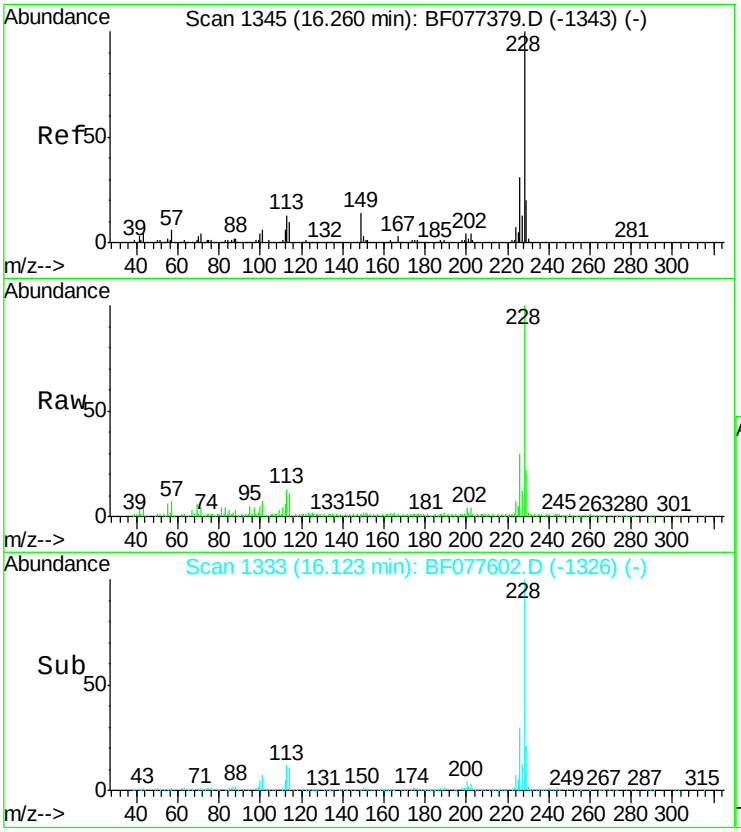


#80
Benzo(a)anthracene
Concen: 17.49 ng
RT: 16.08 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Tgt Ion:228 Resp: 297139

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.0	33.0
229	20.6	15.8	23.8



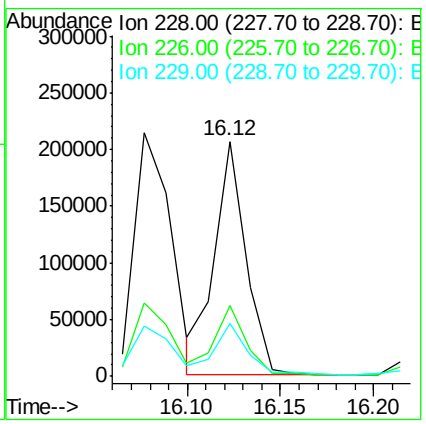


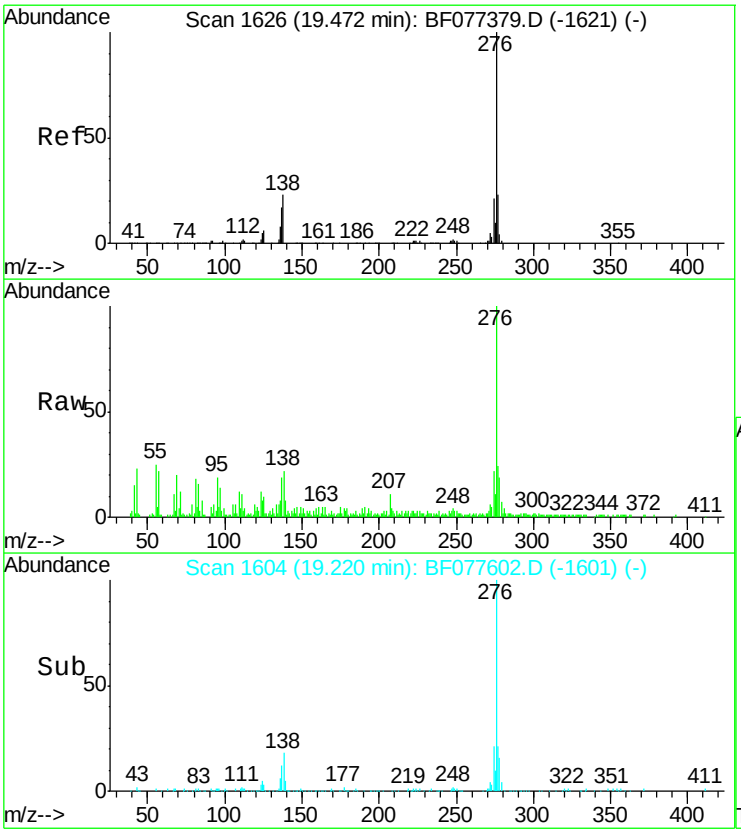
#82
Chrysene
Concen: 15.18 ng
RT: 16.12 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Instrument :
BNA_F
ClientSampleId :
SB1

Tgt Ion:228 Resp: 242262

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	22.4	16.4	24.6

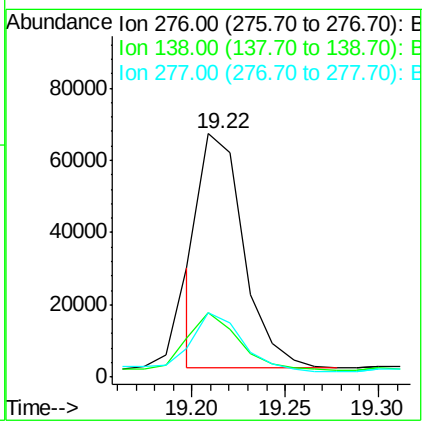


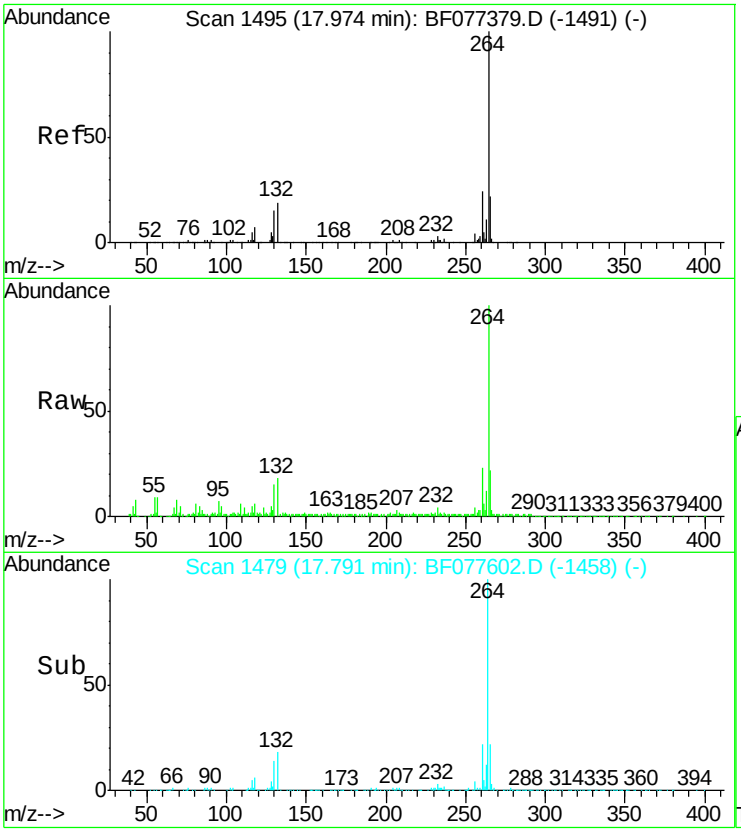


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.81 ng
RT: 19.22 min Scan# 1604
Delta R.T. -0.07 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Tgt Ion:276 Resp: 105715

Ion	Ratio	Lower	Upper
276	100		
138	23.4	21.2	31.8
277	24.2	20.0	30.0



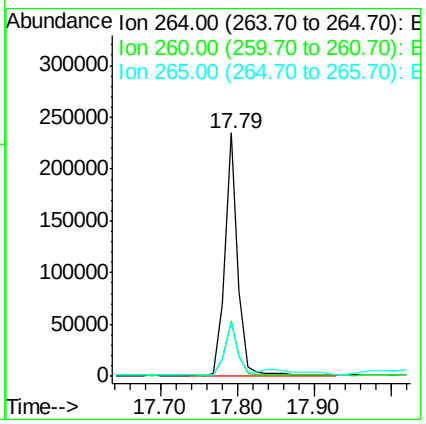


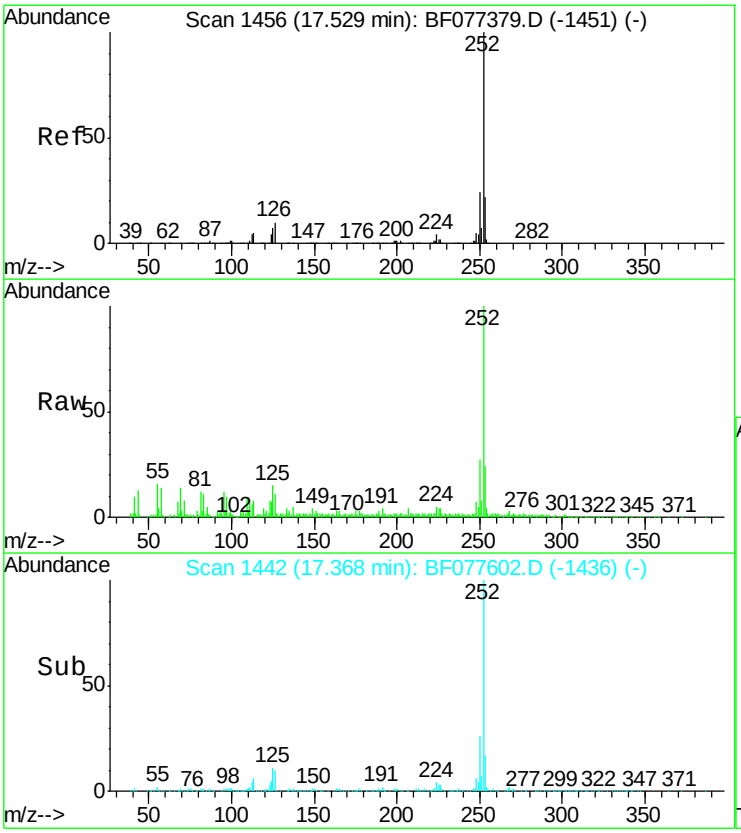
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1479
Delta R.T. -0.05 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Instrument :
BNA_F
ClientSampleId :
SB1

Tgt Ion:264 Resp: 282599

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.3	28.9
265	22.0	16.8	25.2

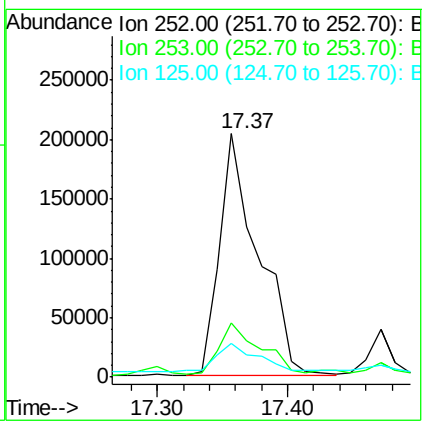


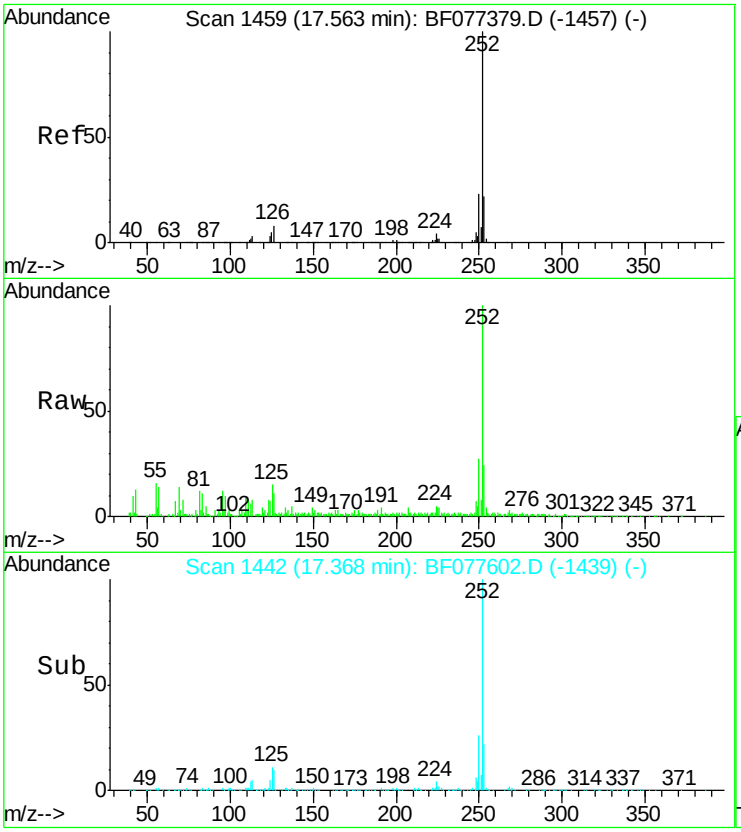


#87
Benzo(b)fluoranthene
Concen: 25.91 ng
RT: 17.37 min Scan# 1442
Delta R.T. -0.03 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Tgt Ion:252 Resp: 425709

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	15.2	5.4	8.2#



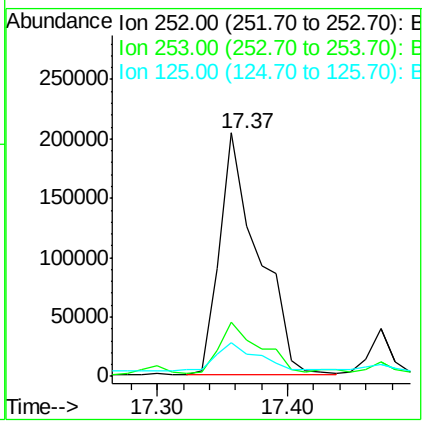


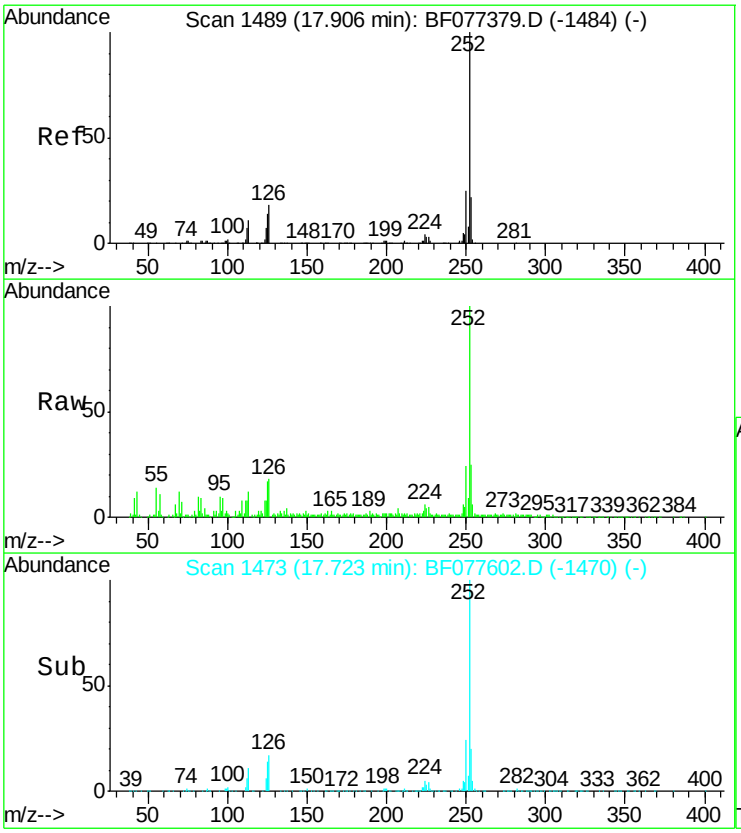
#88
Benzo(k)fluoranthene
Concen: 26.43 ng
RT: 17.37 min Scan# 1442
Delta R.T. -0.07 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Instrument :
BNA_F
ClientSampleId :
SB1

Tgt Ion:252 Resp: 425709

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	15.2	10.1	15.1#

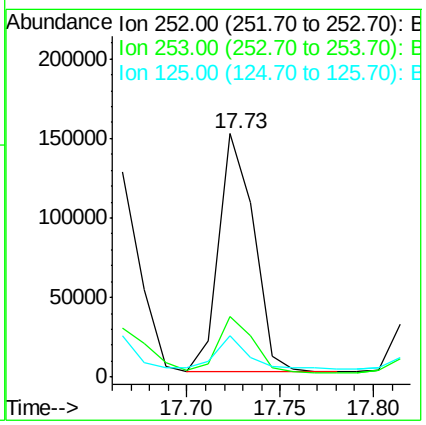


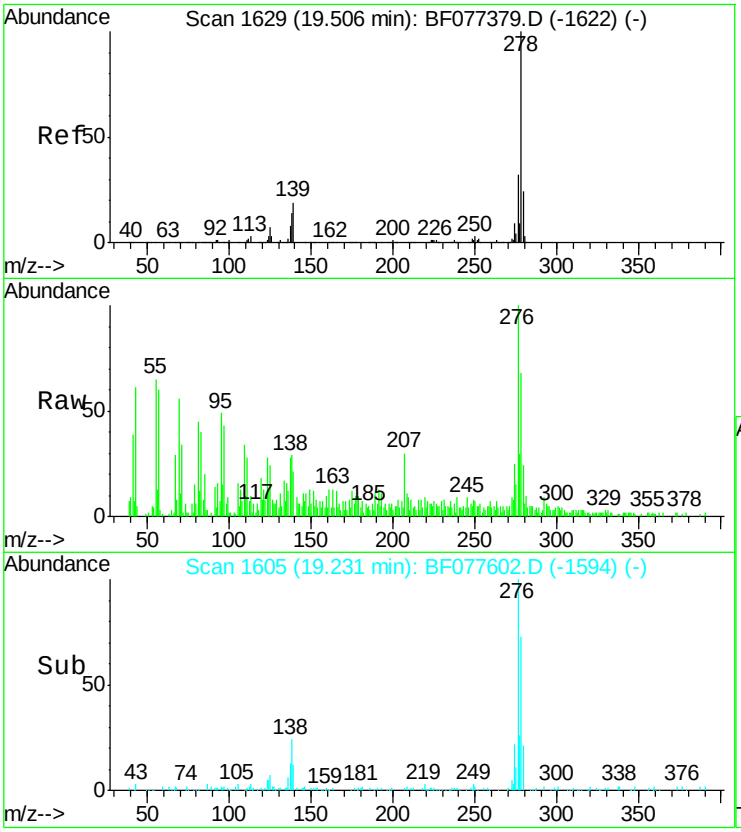


#89
Benzo(a)pyrene
Concen: 12.66 ng
RT: 17.73 min Scan# 1473
Delta R.T. -0.06 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Tgt Ion:252 Resp: 198094

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.2
125	17.1	8.3	12.5#



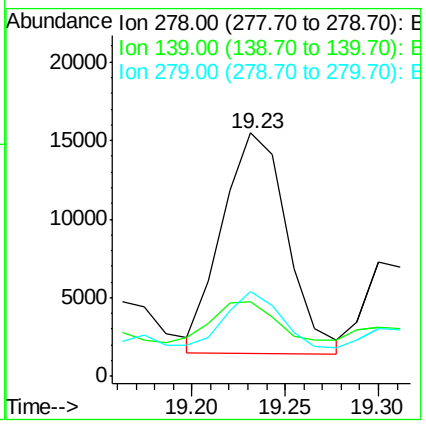


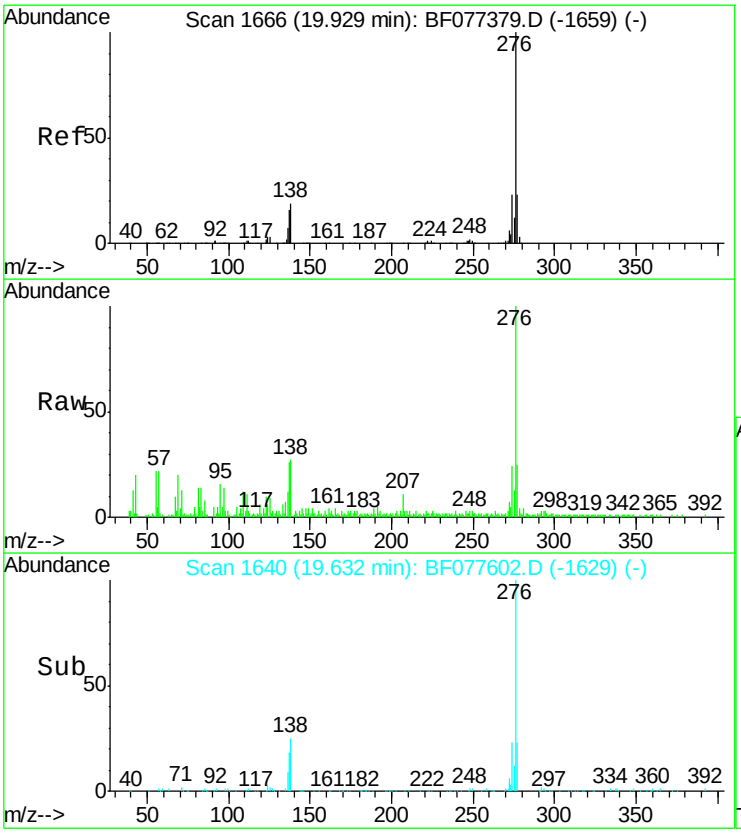
#90
Dibenzo(a,h)anthracene
Concen: 2.29 ng
RT: 19.23 min Scan# 1605
Delta R.T. -0.08 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Instrument :
BNA_F
ClientSampleId :
SB1

Tgt Ion:278 Resp: 34169

Ion	Ratio	Lower	Upper
278	100		
139	30.5	14.3	21.5#
279	35.0	19.0	28.6#





#91
Benzo(g,h,i)perylene
Concen: 8.69 ng
RT: 19.64 min Scan# 1640
Delta R.T. -0.07 min
Lab File: BF077602.D
Acq: 5 Mar 2015 3:33

Tgt Ion:276 Resp: 130912

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.9	28.3
138	27.0	20.5	30.7