Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077604.D
Acq On : 5 Mar 2015 4:30
Operator : TP/IZ
Sample : G1424-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB18

Quant Time: Mar 05 05:14:42 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	70436	20.00	ng		0.00
21) Naphthalene-d8	8.80	136	275529	20.00	ng		0.00
38) Acenaphthene-d10	10.97	164	138618	20.00	ng		0.00
63) Phenanthrene-d10	12.81	188	261720	20.00	ng		0.00
75) Chrysene-d12	16.10	240	290242	20.00	ng		0.00
86) Perylene-d12	17.78	264	292555	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	465504	110.33	ng		0.00
7) Phenol-d6	6.79	99	557247	102.72	ng		0.00
23) Nitrobenzene-d5	7.91	82	359715	81.19	ng		0.00
41) 2,4,6-Tribromophenol	11.95	330	144985	108.63	ng		0.00
44) 2-Fluorobiphenyl	10.15	172	638024	71.77	ng		0.00
78) Terphenyl-d14	14.81	244	727252	58.58	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.82	128	43819	3.18	ng		98
48) Acenaphthylene	10.80	152	119943	9.20	ng		99
49) Dimethylphthalate	10.65	163	52023	5.34	ng		100
51) Acenaphthene	11.01	154	18049	2.32	ng		98
57) Fluorene	11.65	166	29568	3.08	ng	#	85
70) Phenanthrene	12.84	178	388513	25.61	ng		100
71) Anthracene	12.90	178	132831	8.82	ng		99
72) Carbazole	13.11	167	35525	2.48	ng		98
74) Fluoranthene	14.32	202	712821	43.02	ng		98
77) Pyrene	14.60	202	764421	43.06	ng		100
80) Benzo(a)anthracene	16.08	228	473833	27.86	ng		96
82) Chrysene	16.12	228	431158	26.99	ng		98
87) Benzo(b)fluoranthene	17.36	252	828955	48.73	ng	#	95
88) Benzo(k)fluoranthene	17.36	252	828955	49.72	ng		99
89) Benzo(a)pyrene	17.72	252	484245	29.89	ng	#	94
90) Dibenzo(a,h)anthracene	19.22	278	80150	5.19	ng	#	94
91) Benzo(g,h,i)perylene	19.62	276	328829	21.08	ng		98

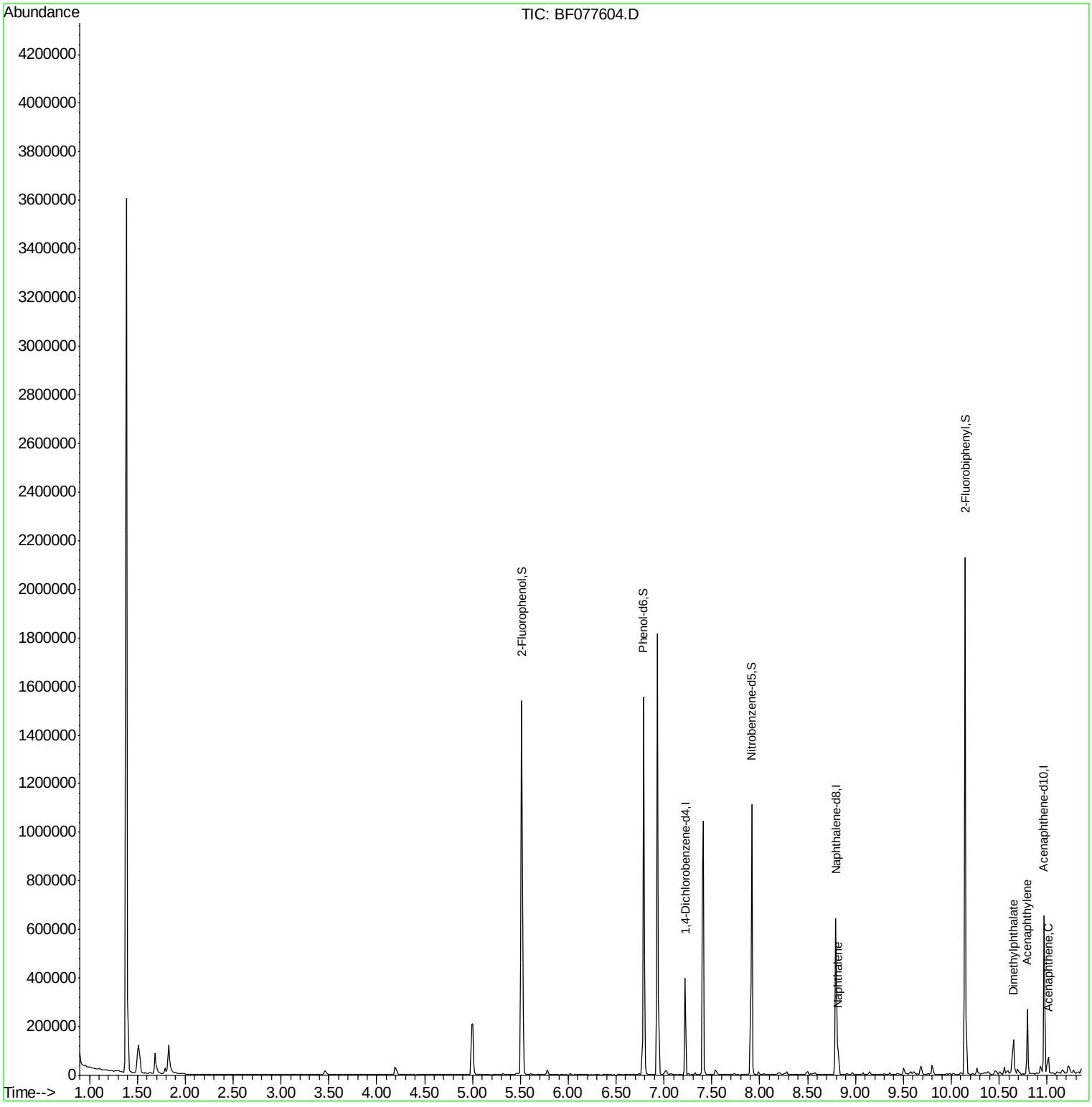
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077604.D
Acq On : 5 Mar 2015 4:30
Operator : TP/IZ
Sample : G1424-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB18

Quant Time: Mar 05 05:14:42 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

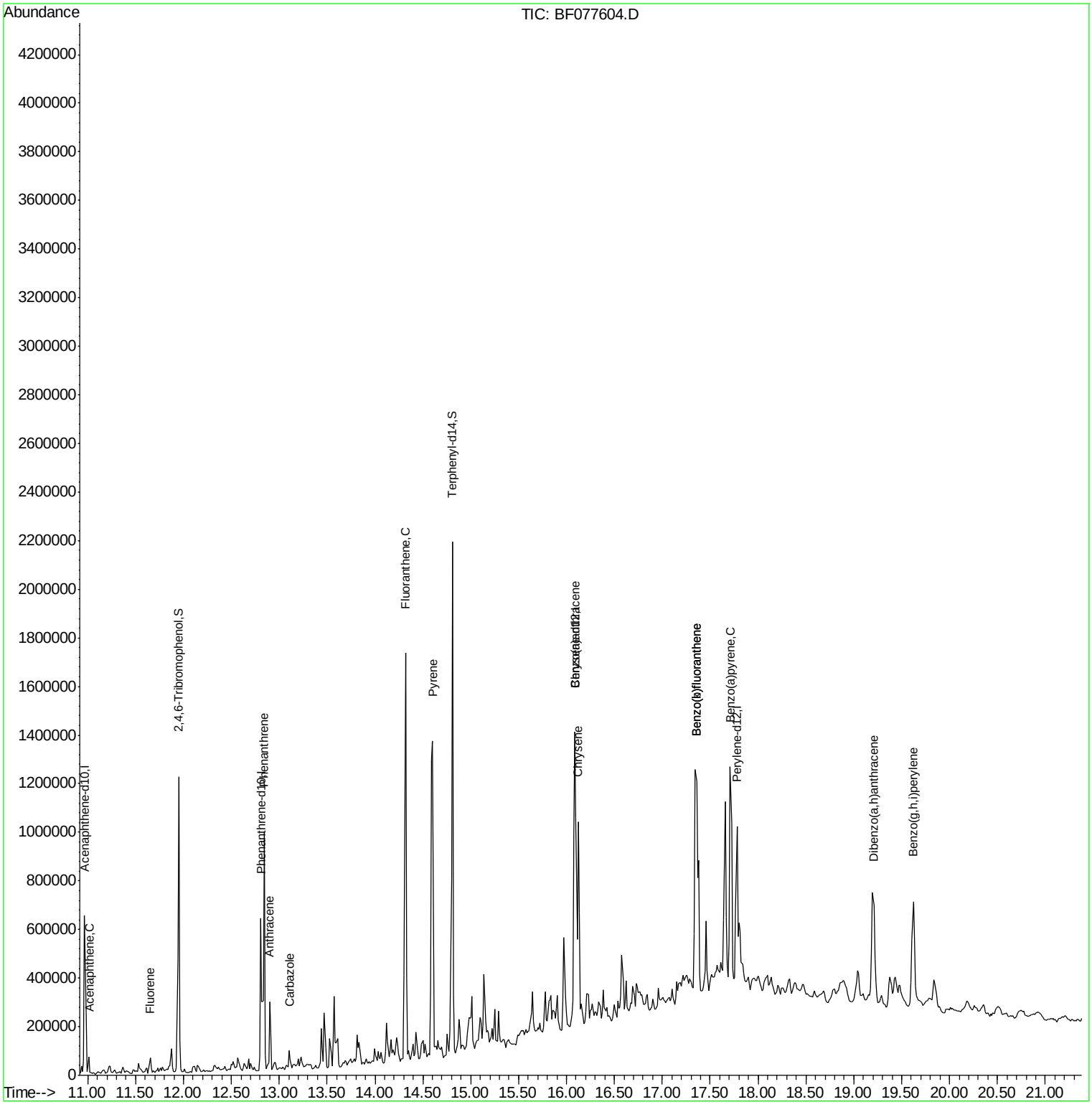


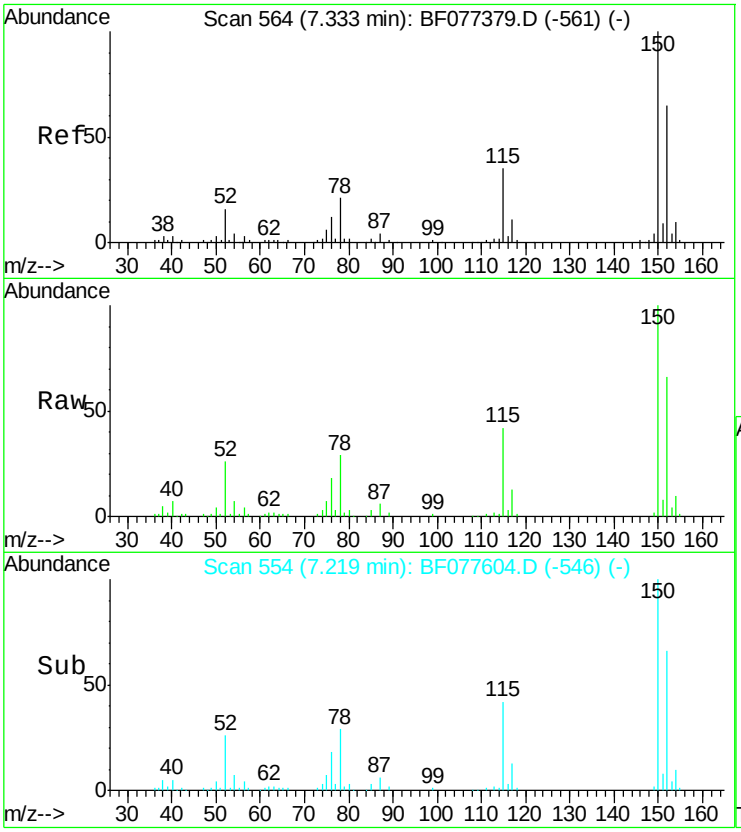
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077604.D
Acq On : 5 Mar 2015 4:30
Operator : TP/IZ
Sample : G1424-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB18

Quant Time: Mar 05 05:14:42 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



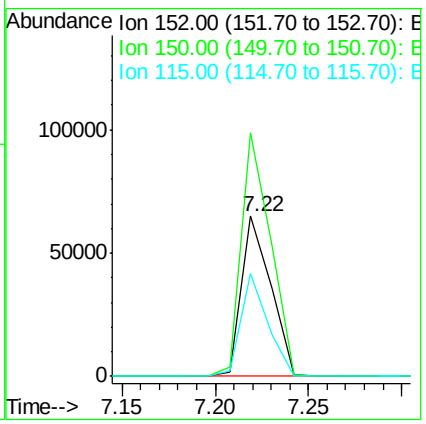


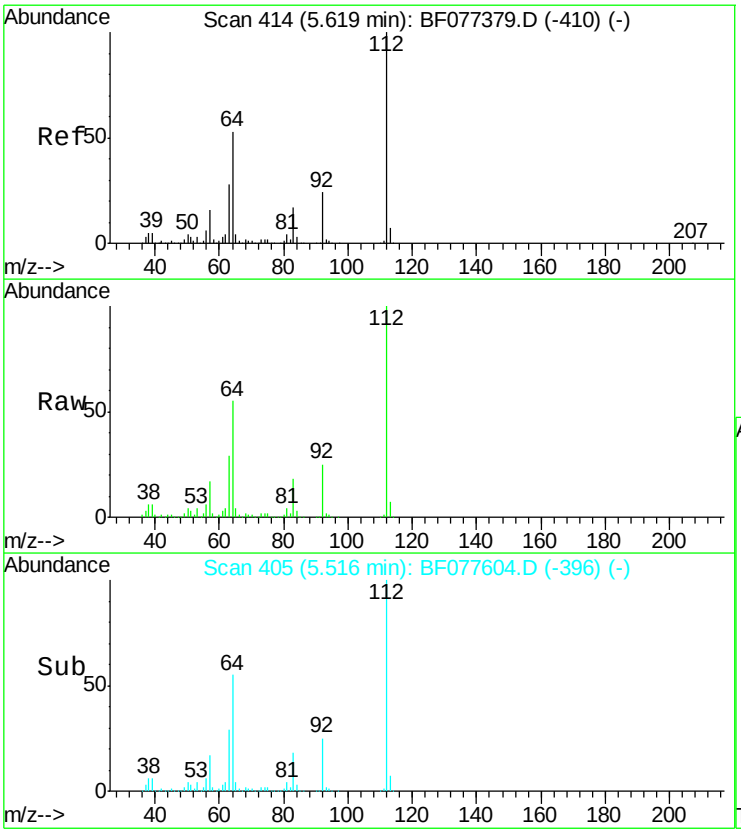
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Instrument :
BNA_F
ClientSampleId :
SB18

Tgt Ion:152 Resp: 70436

Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.0	186.0
115	63.8	49.4	74.2

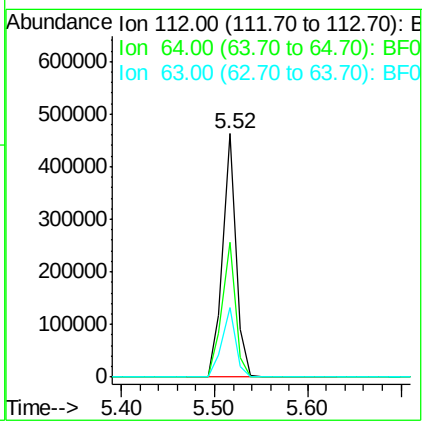


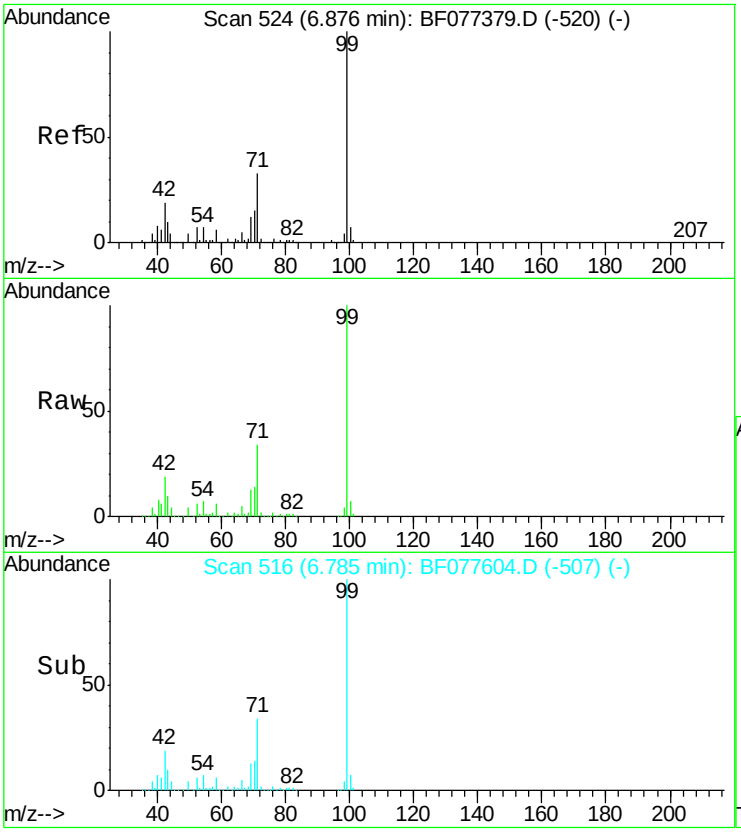


#5
2-Fluorophenol
Concen: 110.33 ng
RT: 5.52 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Tgt Ion:112 Resp: 465504

Ion	Ratio	Lower	Upper
112	100		
64	55.5	48.5	72.7
63	28.6	25.0	37.4



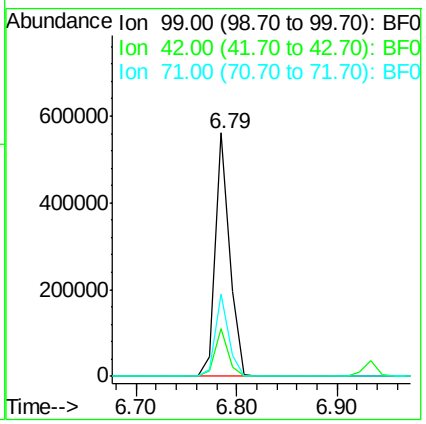


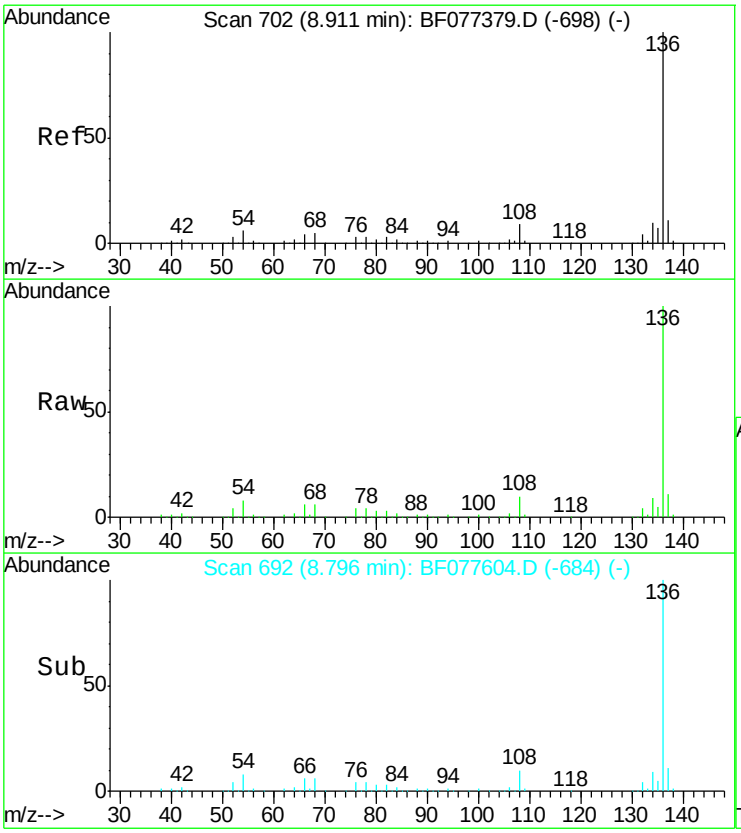
#7
Phenol-d6
Concen: 102.72 ng
RT: 6.79 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Instrument :
BNA_F
ClientSampleId :
SB18

Tgt Ion: 99 Resp: 557247

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.2	24.4
71	33.9	26.7	40.1

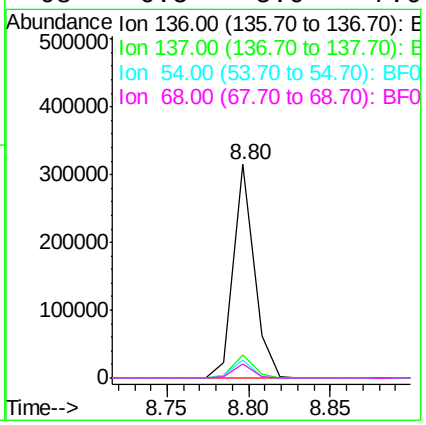


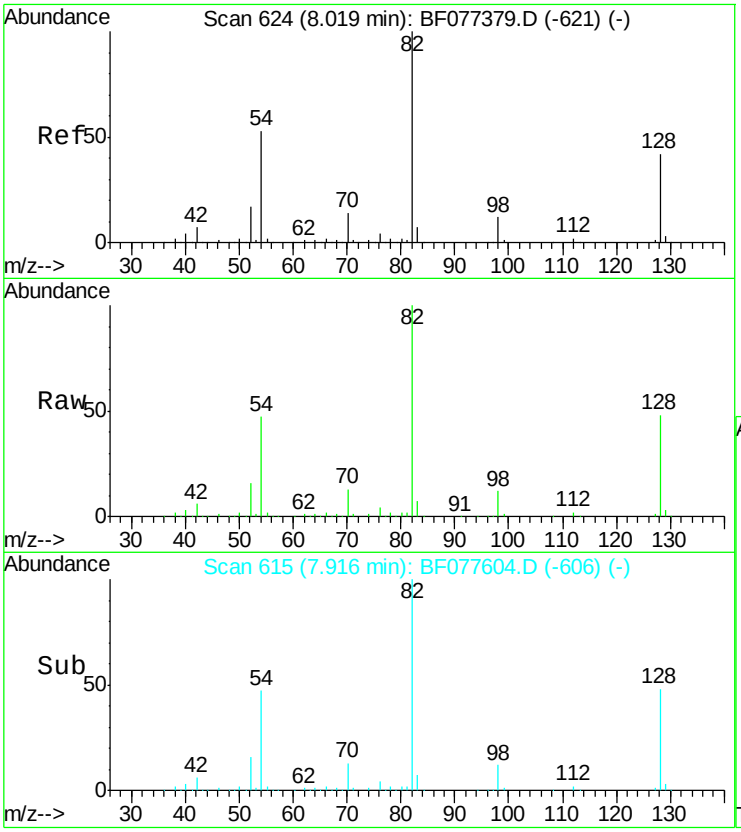


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Tgt Ion:136 Resp: 275529

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.1	6.2	9.4
68	6.5	5.0	7.6



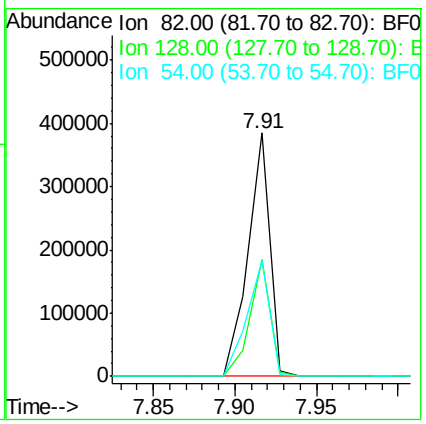


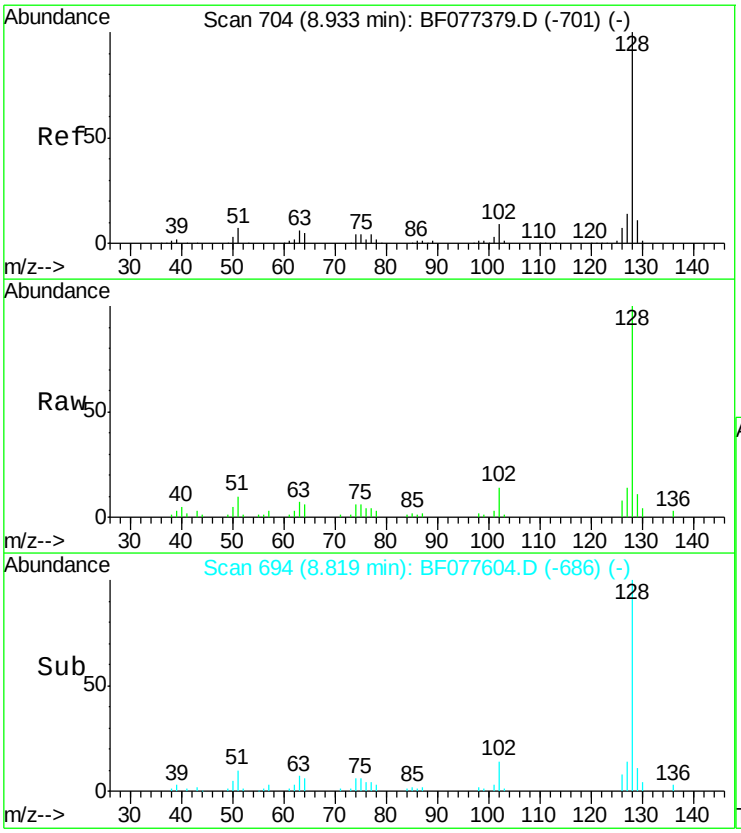
#23
Nitrobenzene-d5
Concen: 81.19 ng
RT: 7.91 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Instrument :
BNA_F
ClientSampleId :
SB18

Tgt Ion: 82 Resp: 359715

Ion	Ratio	Lower	Upper
82	100		
128	47.9	43.8	65.8
54	47.4	36.7	55.1

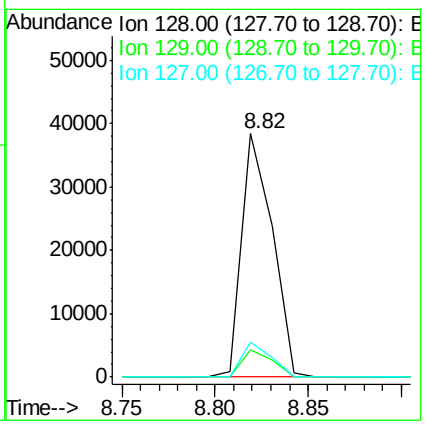


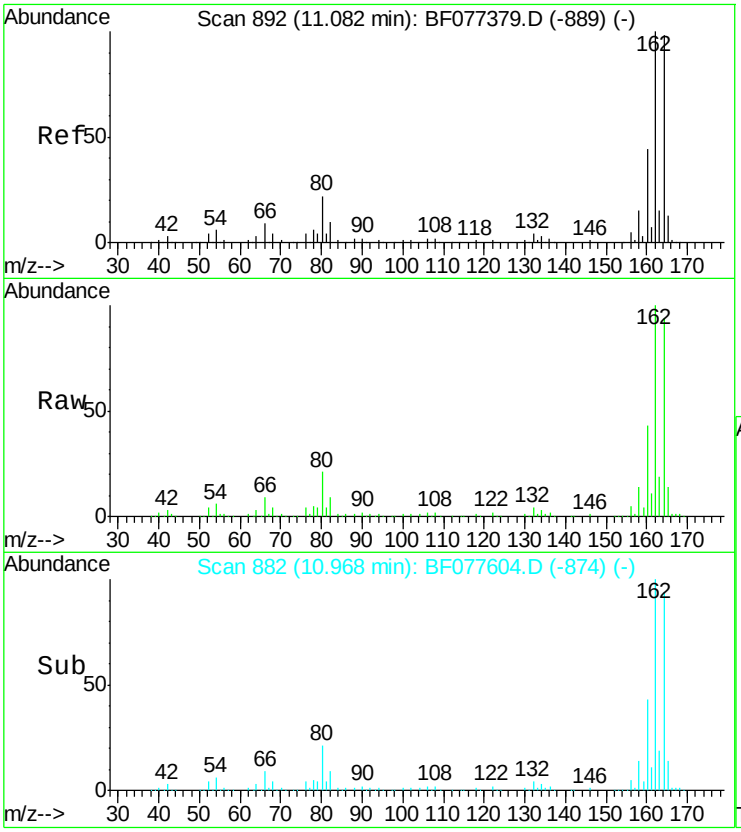


#31
Naphthalene
Concen: 3.18 ng
RT: 8.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Tgt Ion:128 Resp: 43819

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	14.1	10.6	15.8



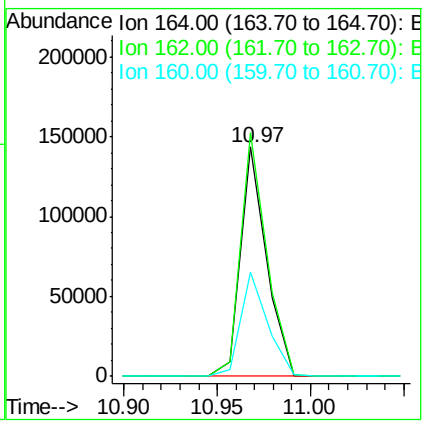


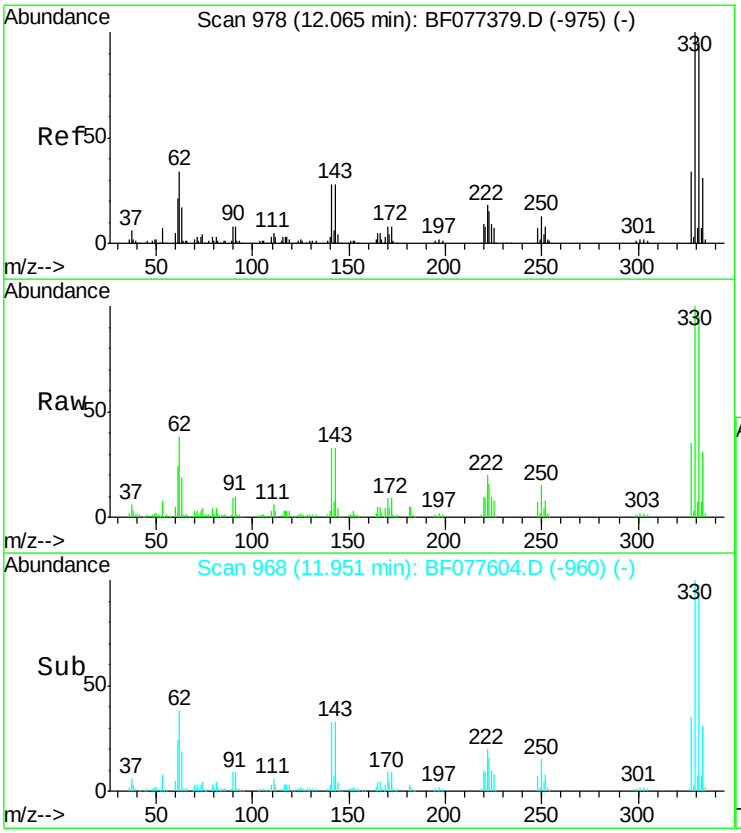
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Instrument :
BNA_F
ClientSampleId :
SB18

Tgt Ion:164 Resp: 138618

Ion	Ratio	Lower	Upper
164	100		
162	106.3	83.2	124.8
160	45.7	34.6	52.0

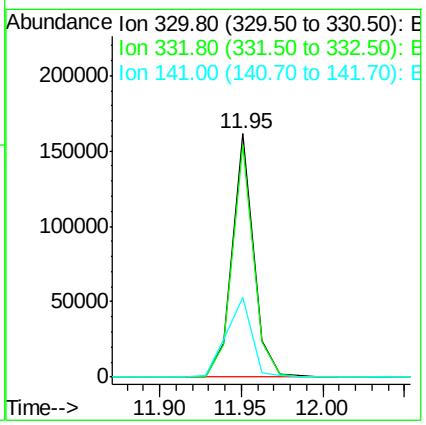


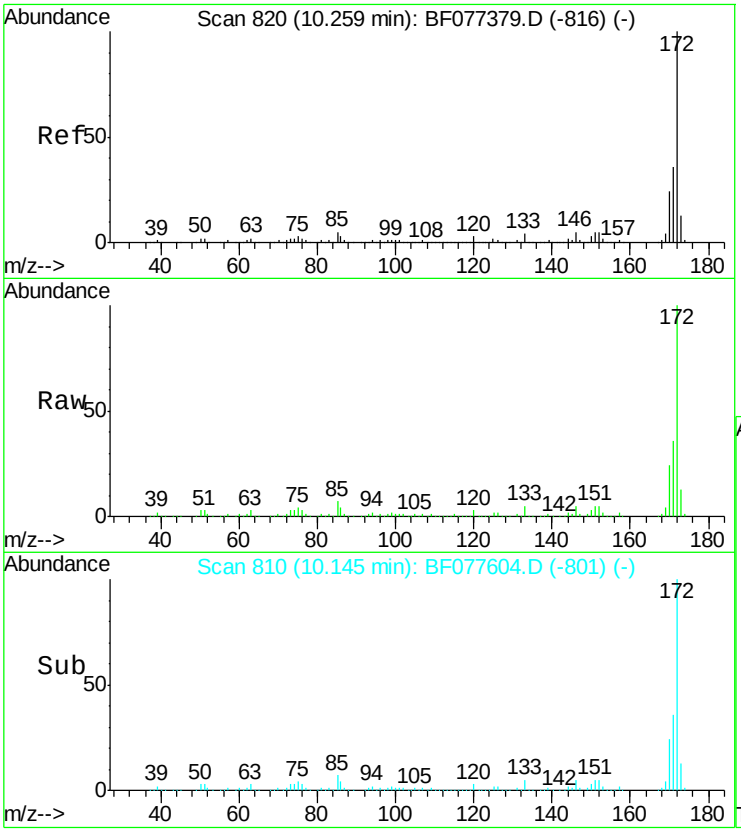


#41
2,4,6-Tribromophenol
Concen: 108.63 ng
RT: 11.95 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Tgt Ion:330 Resp: 144985

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.4	116.2
141	40.1	28.8	43.2



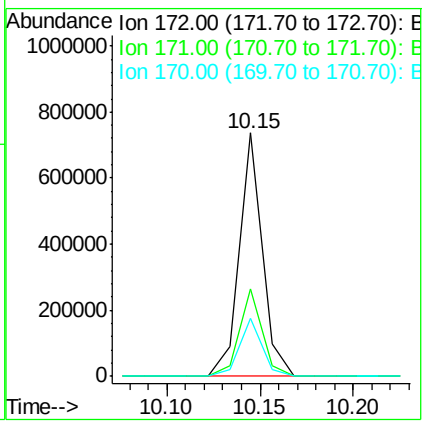


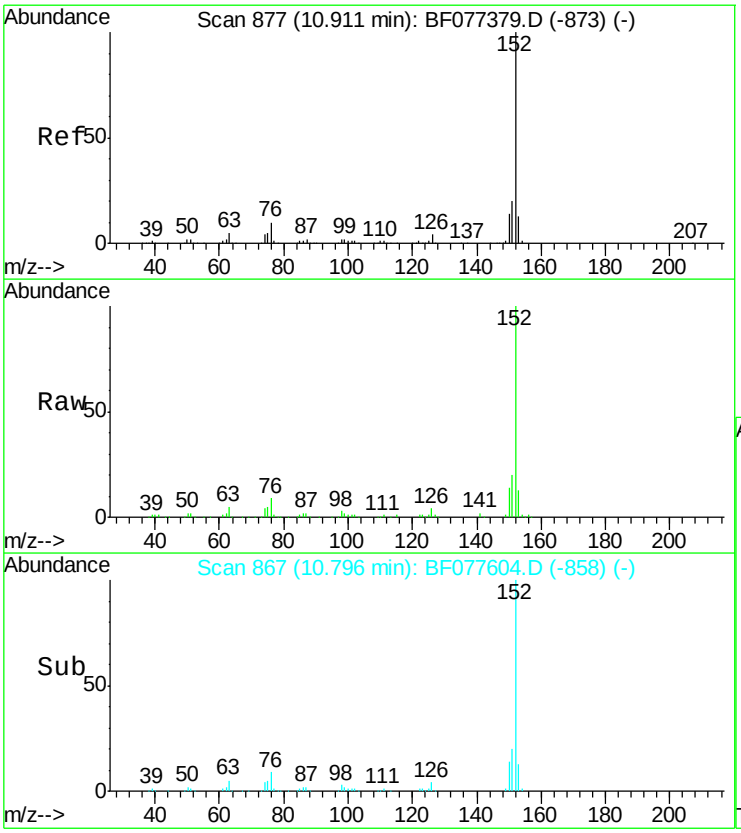
#44
2-Fluorobiphenyl
Concen: 71.77 ng
RT: 10.15 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Instrument :
BNA_F
ClientSampleId :
SB18

Tgt Ion:172 Resp: 638024

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.6	19.4	29.2

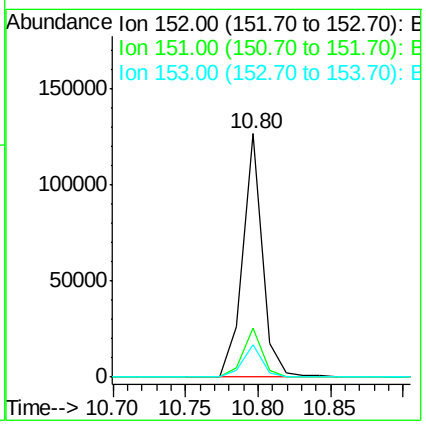


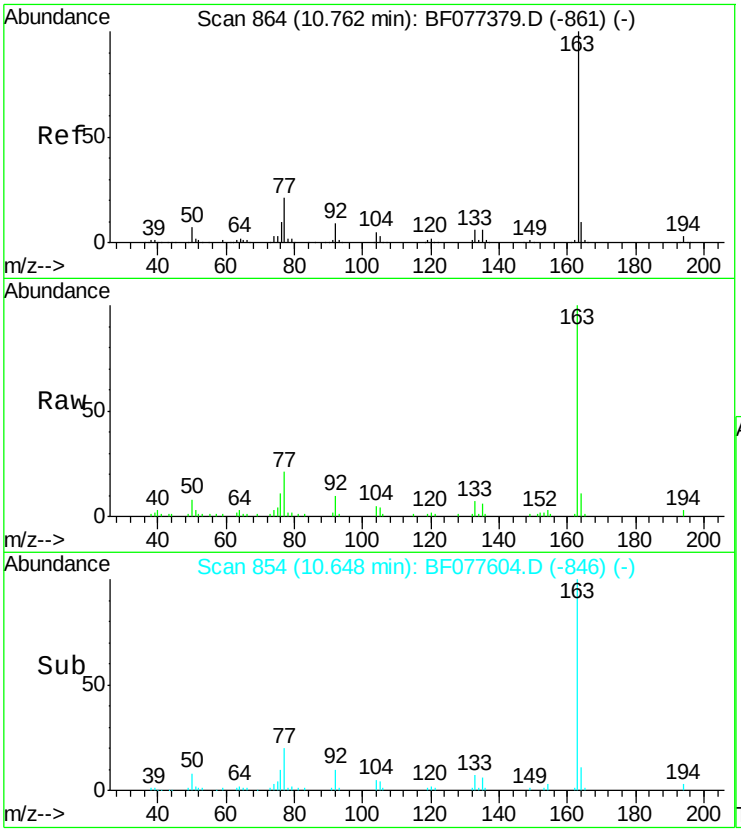


#48
Acenaphthylene
Concen: 9.20 ng
RT: 10.80 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Tgt Ion:152 Resp: 119943

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.1	10.9	16.3



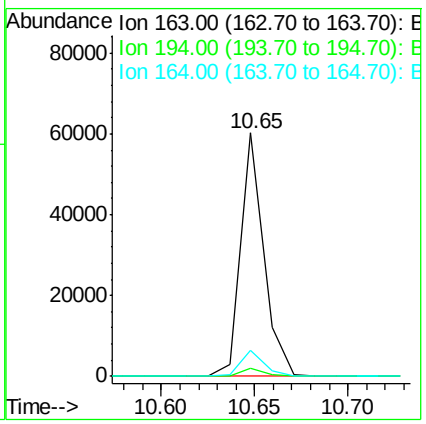


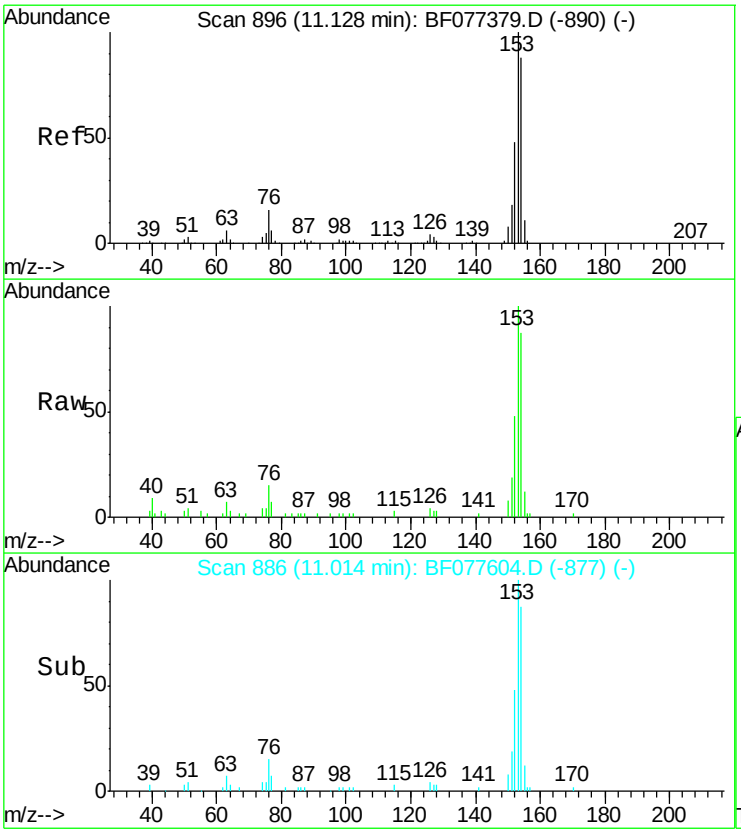
#49
Dimethylphthalate
Concen: 5.34 ng
RT: 10.65 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Instrument :
BNA_F
ClientSampleId :
SB18

Tgt Ion:163 Resp: 52023

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.7	8.6	13.0

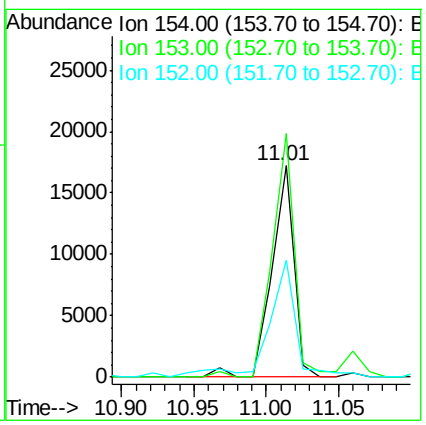


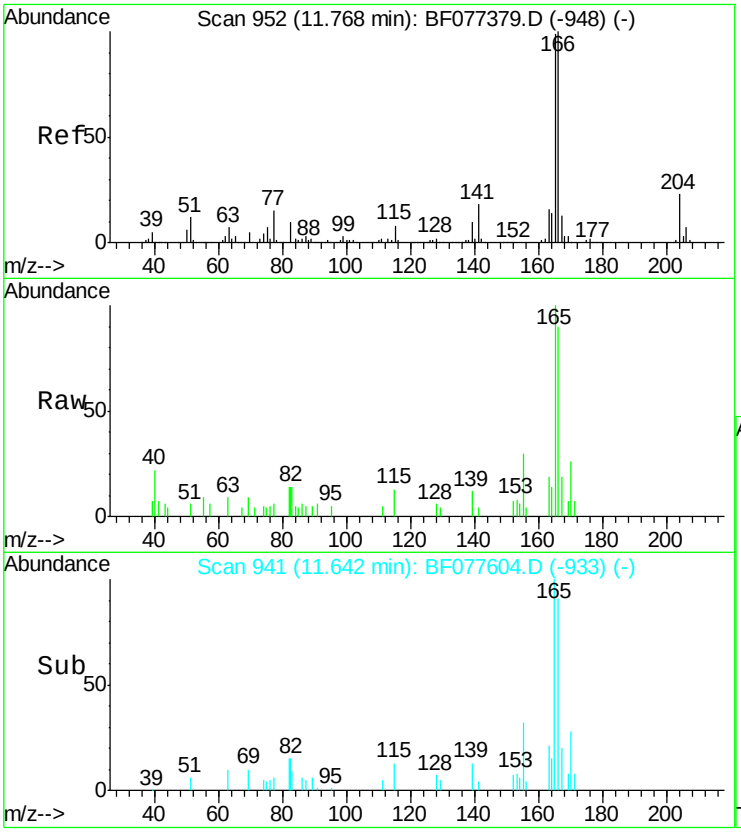


#51
Acenaphthene
Concen: 2.32 ng
RT: 11.01 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Tgt Ion:154 Resp: 18049

Ion	Ratio	Lower	Upper
154	100		
153	115.3	90.5	135.7
152	55.6	43.5	65.3



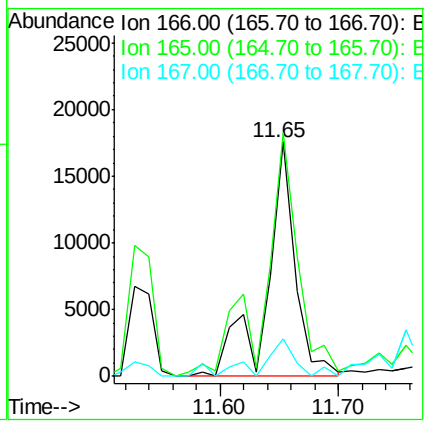


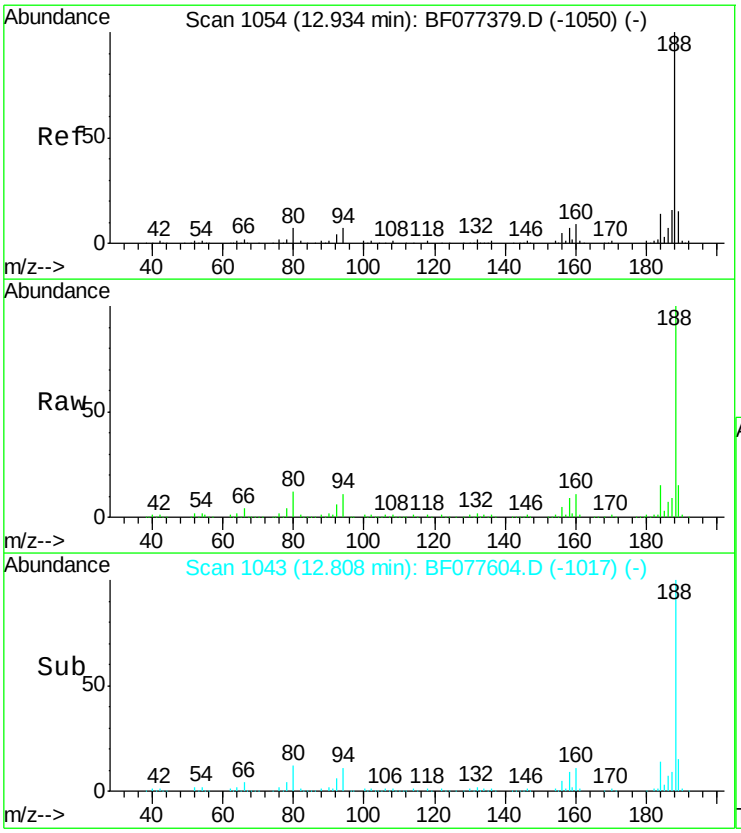
#57
Fluorene
Concen: 3.08 ng
RT: 11.65 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Instrument :
BNA_F
ClientSampleId :
SB18

Tgt Ion:166 Resp: 29568

Ion	Ratio	Lower	Upper
166	100		
165	111.4	77.6	116.4
167	20.8	10.6	16.0#

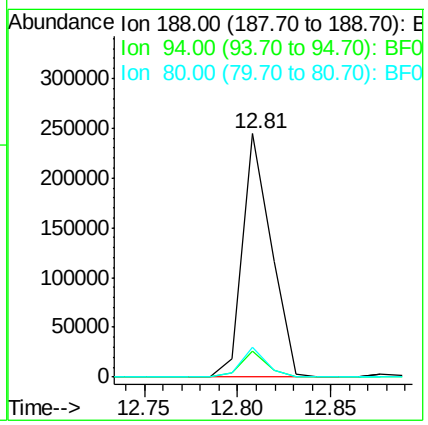


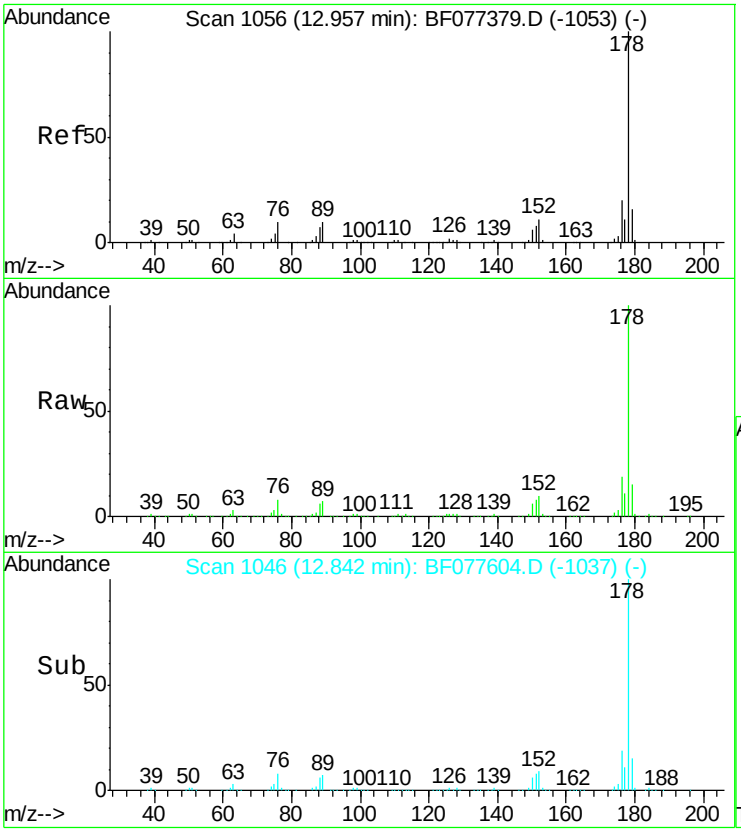


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Tgt Ion:188 Resp: 261720

Ion	Ratio	Lower	Upper
188	100		
94	10.9	7.4	11.2
80	12.2	8.0	12.0#



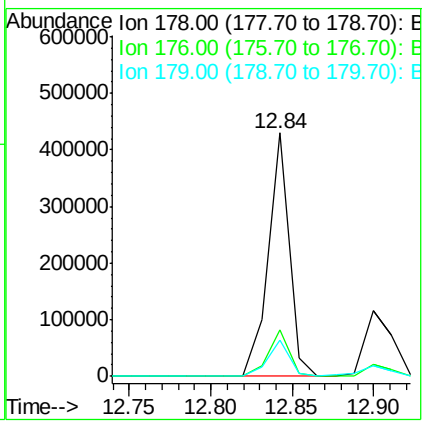


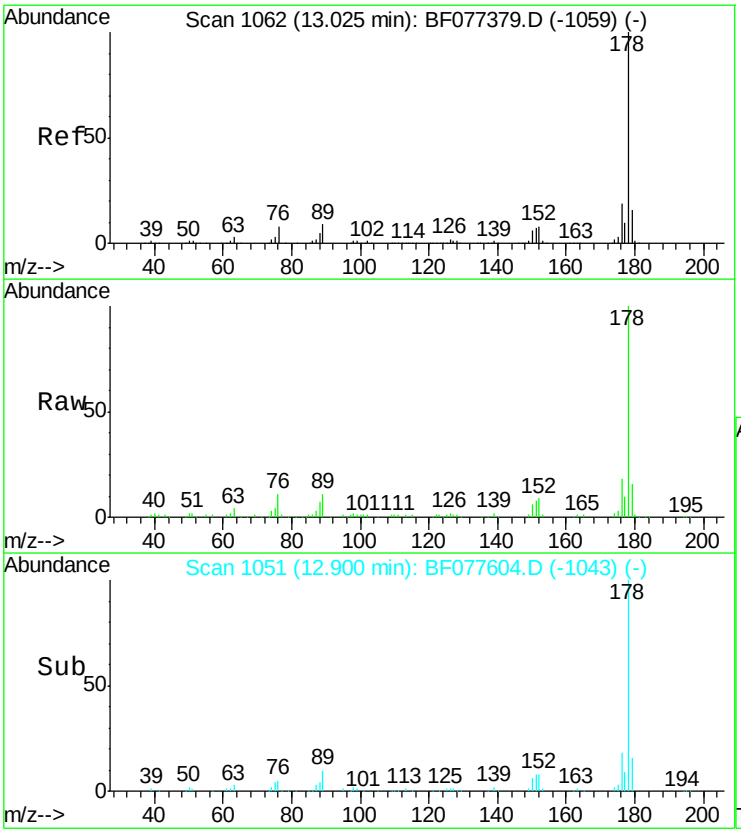
#70
Phenanthrene
Concen: 25.61 ng
RT: 12.84 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Instrument :
BNA_F
ClientSampleId :
SB18

Tgt Ion:178 Resp: 388513

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.1	12.2	18.2

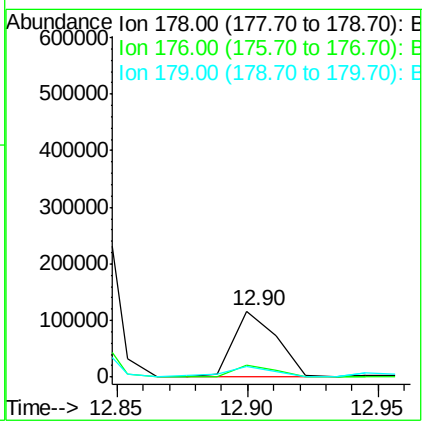


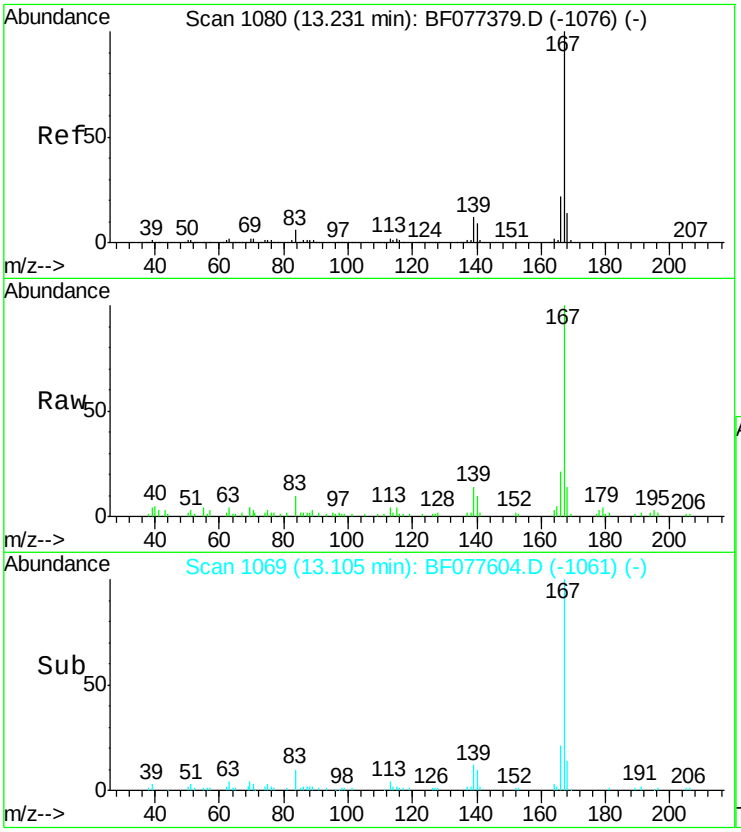


#71
Anthracene
Concen: 8.82 ng
RT: 12.90 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Tgt Ion:178 Resp: 132831

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.0
179	15.9	12.9	19.3



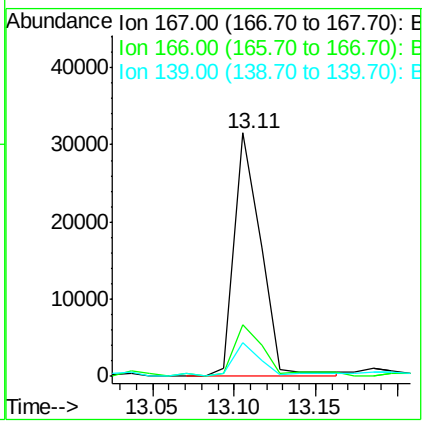


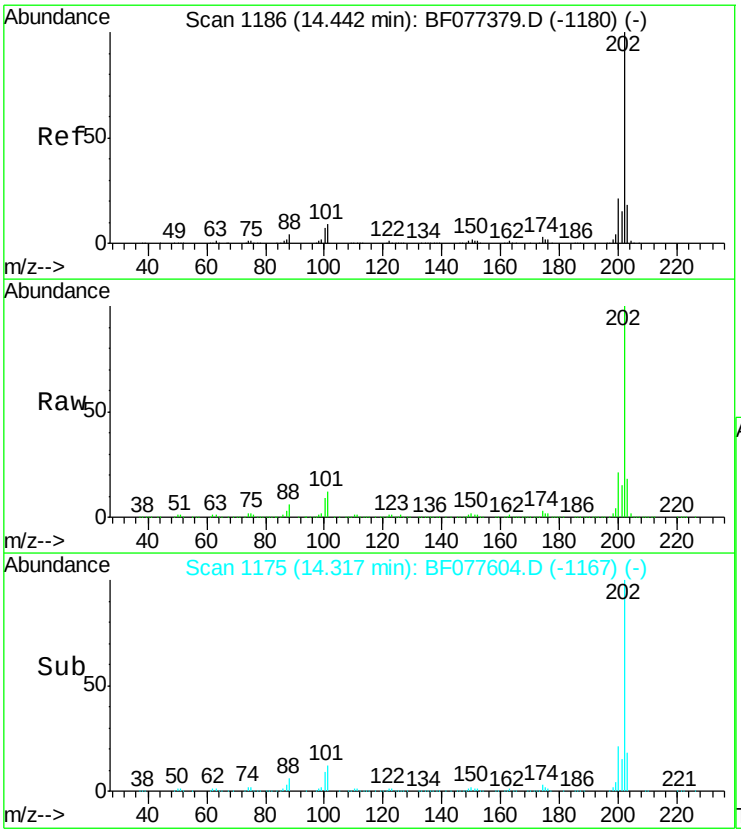
#72
Carbazole
Concen: 2.48 ng
RT: 13.11 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Instrument :
BNA_F
ClientSampleId :
SB18

Tgt Ion:167 Resp: 35525

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.6	26.4
139	13.6	9.9	14.9

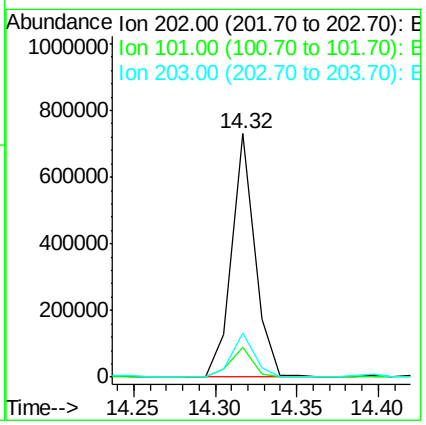


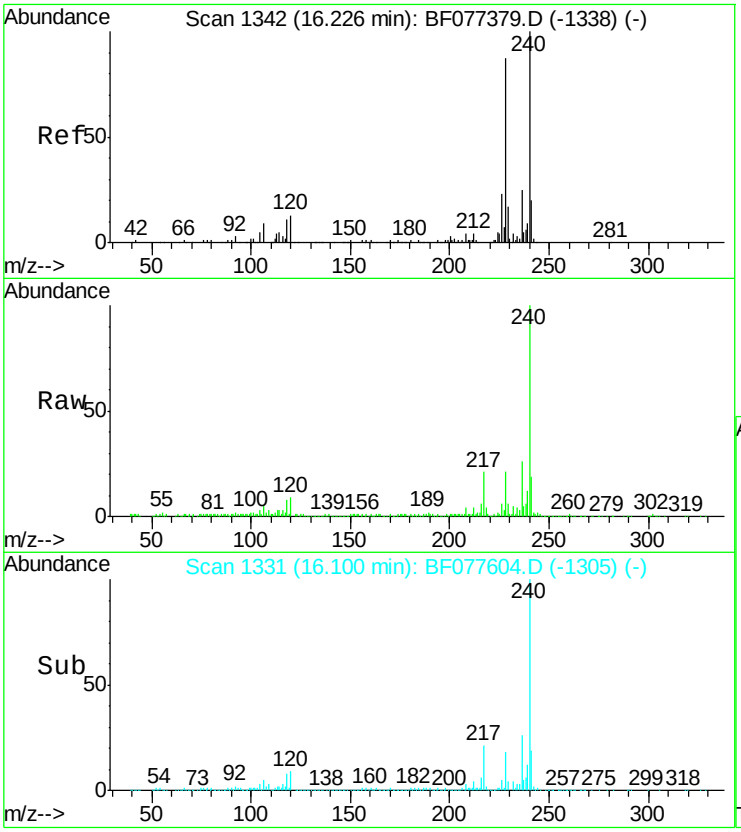


#74
Fluoranthene
Concen: 43.02 ng
RT: 14.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Tgt Ion:202 Resp: 712821

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.8
203	18.3	0.0	37.7



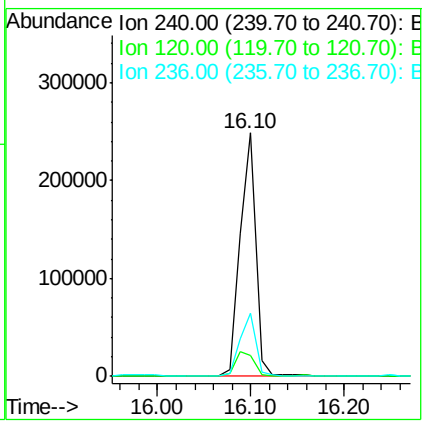


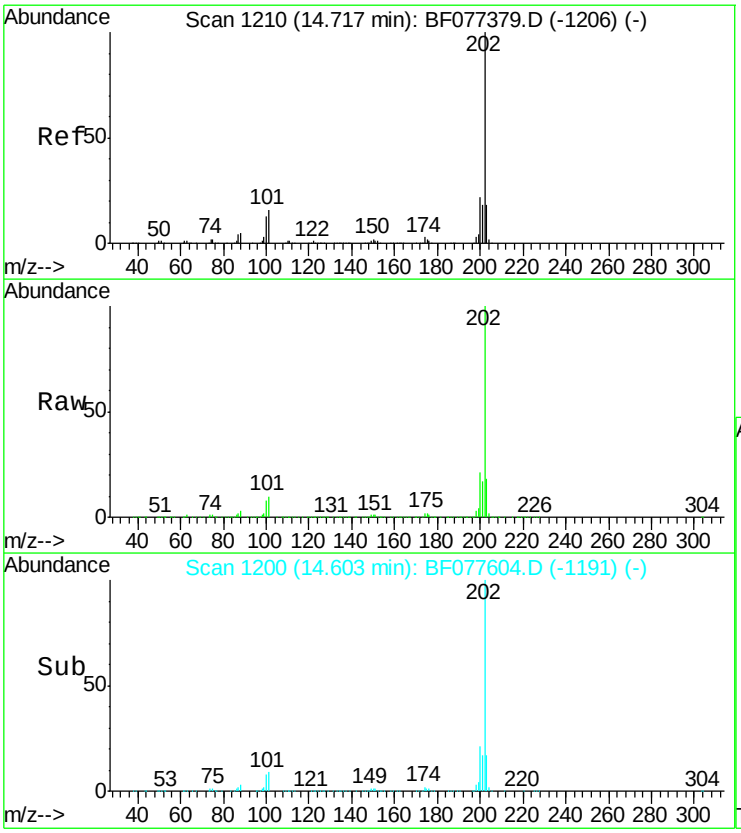
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Instrument :
BNA_F
ClientSampleId :
SB18

Tgt Ion:240 Resp: 290242

Ion	Ratio	Lower	Upper
240	100		
120	8.8	8.8	13.2
236	25.8	20.7	31.1

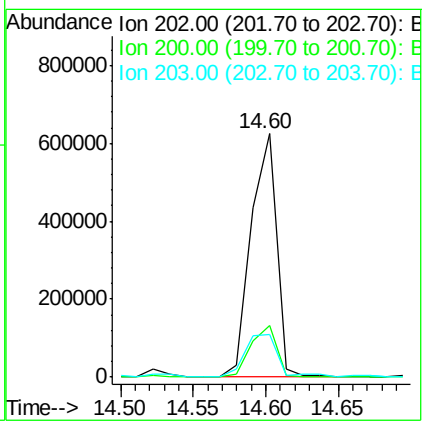


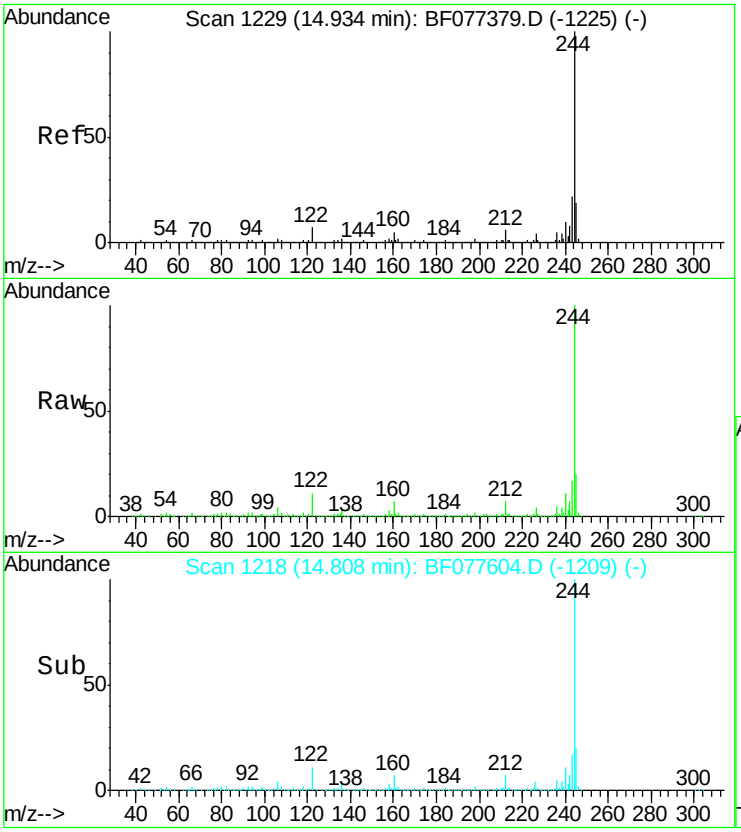


#77
Pyrene
Concen: 43.06 ng
RT: 14.60 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Tgt Ion:202 Resp: 764421

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	17.7	14.2	21.2



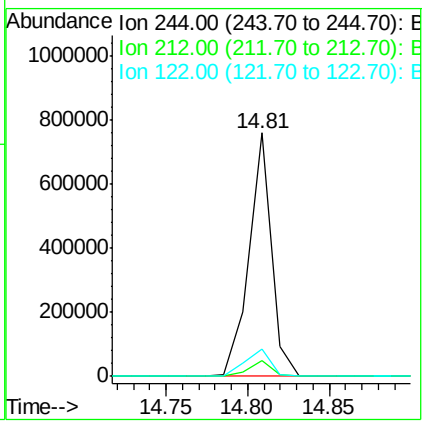


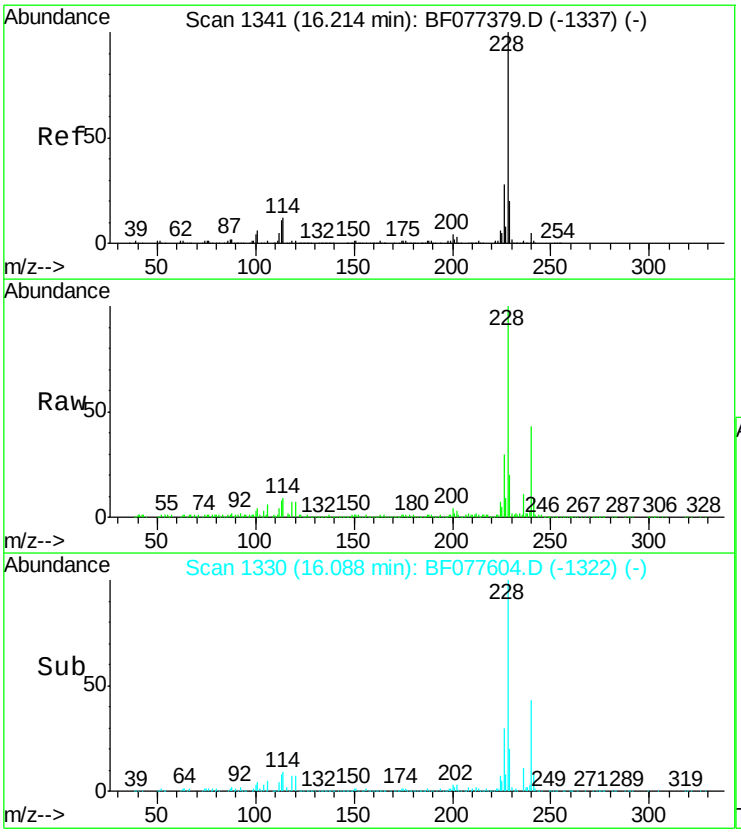
#78
Terphenyl-d14
Concen: 58.58 ng
RT: 14.81 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Instrument :
BNA_F
ClientSampleId :
SB18

Tgt Ion:244 Resp: 727252

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	11.1	7.8	11.8

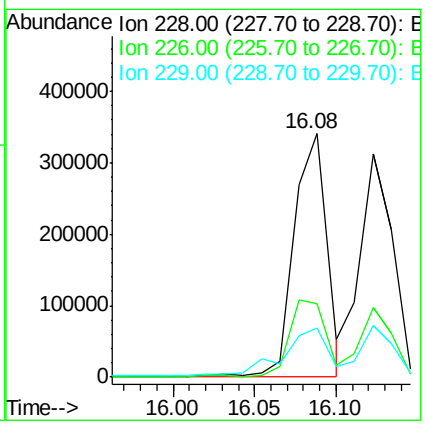


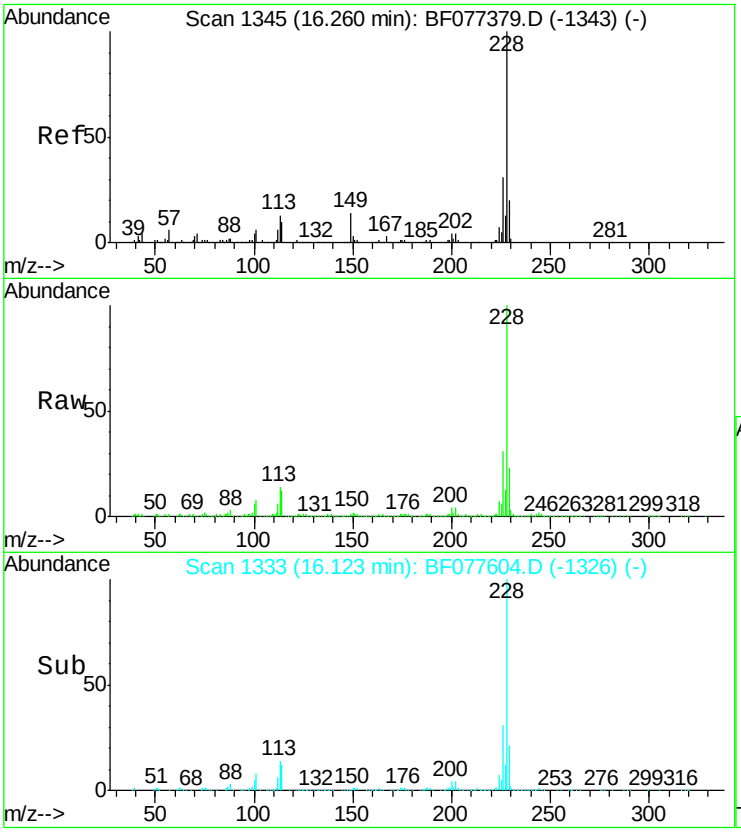


#80
Benzo(a)anthracene
Concen: 27.86 ng
RT: 16.08 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Tgt Ion:228 Resp: 473833

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.0	33.0
229	20.4	15.8	23.8



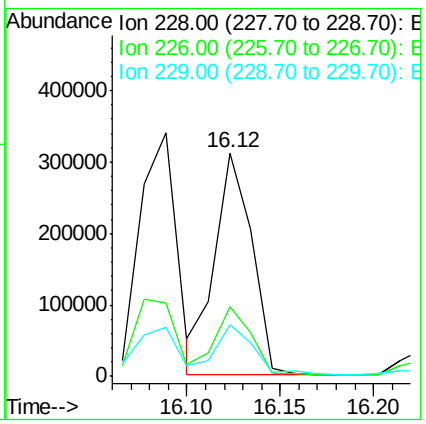


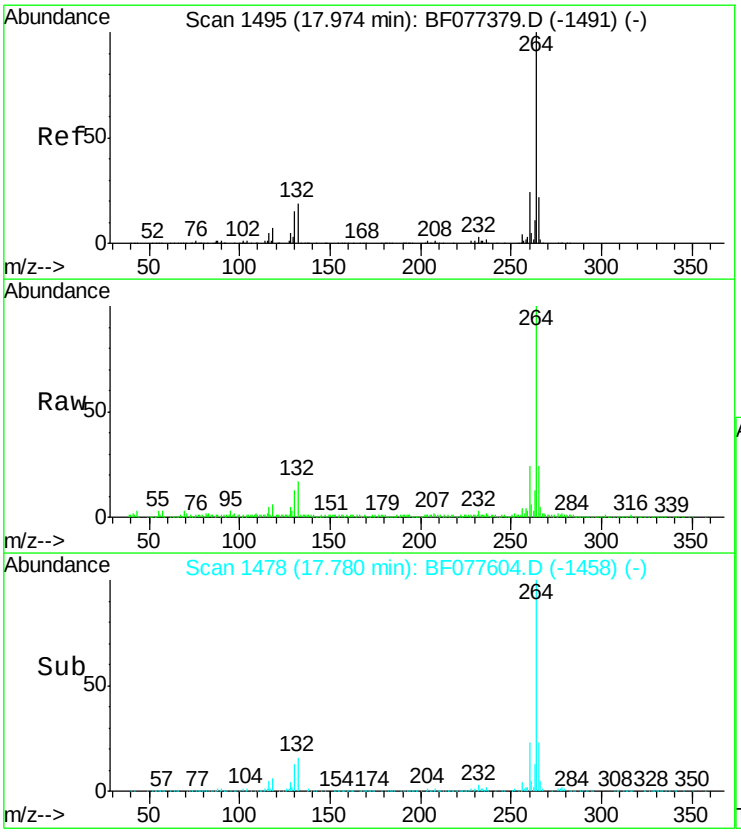
#82
Chrysene
Concen: 26.99 ng
RT: 16.12 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Instrument :
BNA_F
ClientSampleId :
SB18

Tgt Ion:228 Resp: 431158

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	22.9	16.4	24.6

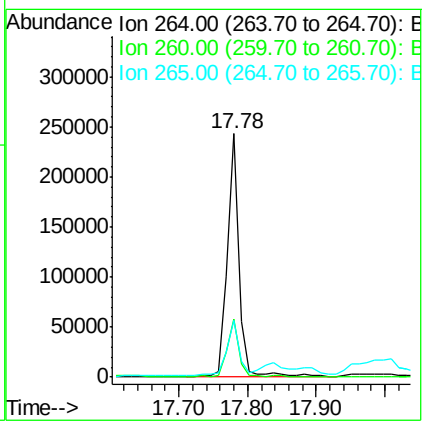


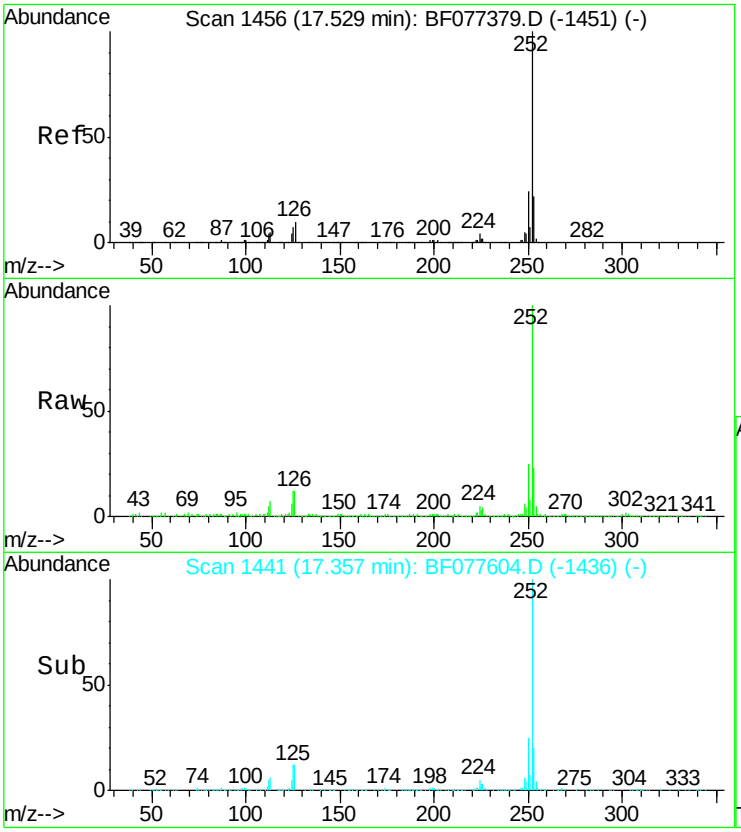


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.78 min Scan# 1478
Delta R.T. -0.07 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Tgt Ion:264 Resp: 292555

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	23.6	16.8	25.2



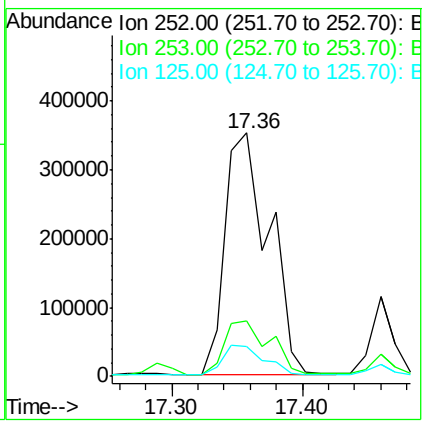


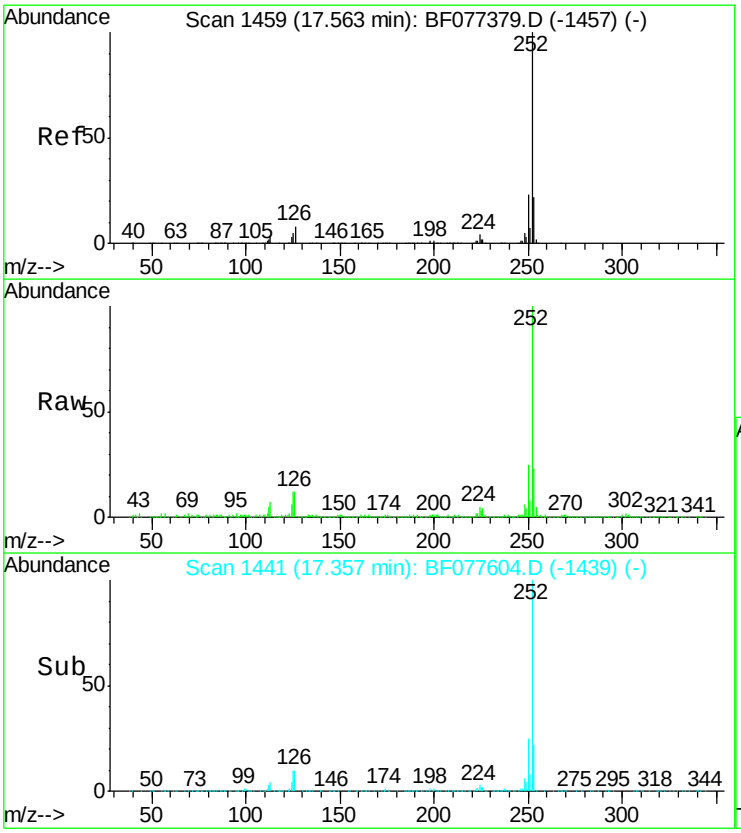
#87
Benzo(b)fluoranthene
Concen: 48.73 ng
RT: 17.36 min Scan# 1441
Delta R.T. -0.04 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Instrument :
BNA_F
ClientSampleId :
SB18

Tgt Ion:252 Resp: 828955

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	12.2	5.4	8.2#

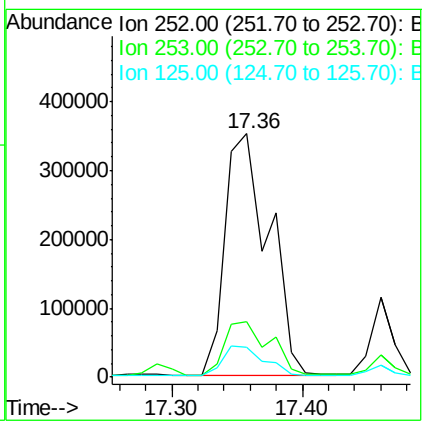


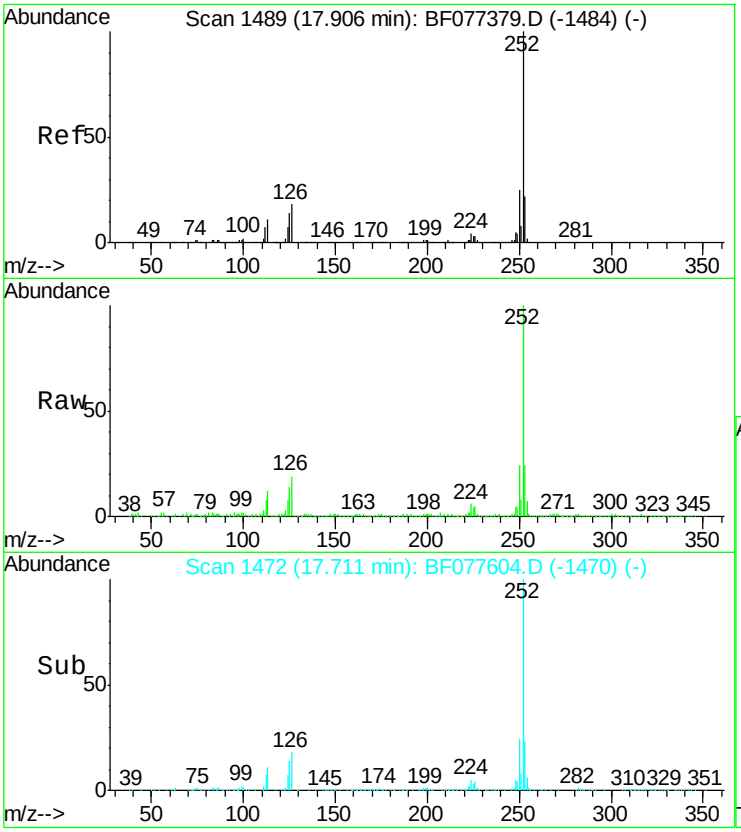


#88
Benzo(k)fluoranthene
Concen: 49.72 ng
RT: 17.36 min Scan# 1441
Delta R.T. -0.08 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Tgt Ion:252 Resp: 828955

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	12.2	10.1	15.1



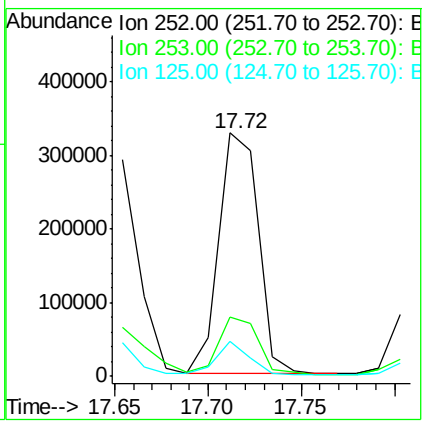


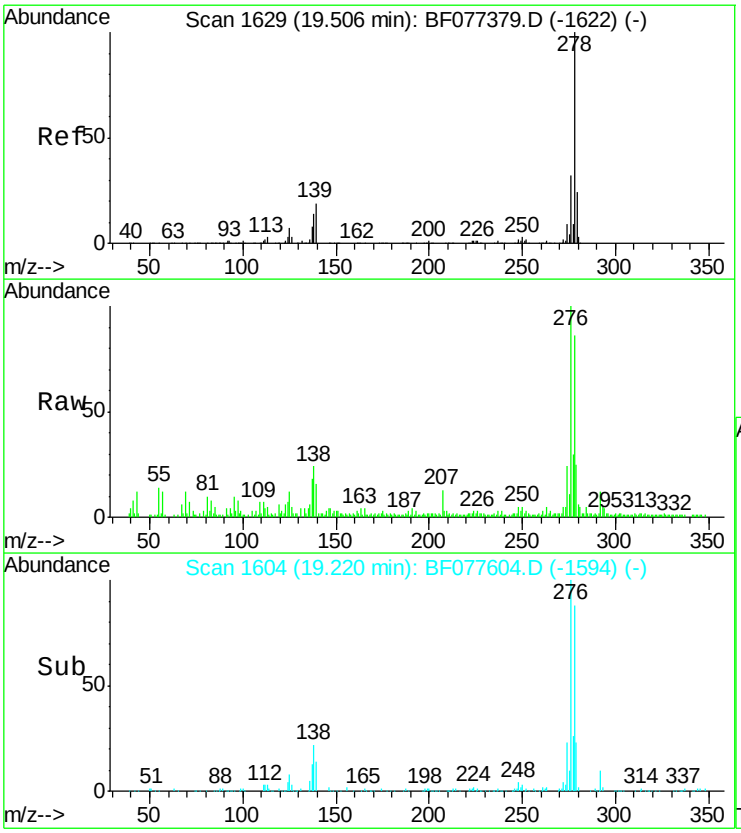
#89
Benzo(a)pyrene
Concen: 29.89 ng
RT: 17.72 min Scan# 1472
Delta R.T. -0.07 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Instrument :
BNA_F
ClientSampleId :
SB18

Tgt Ion:252 Resp: 484245

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	14.5	8.3	12.5#

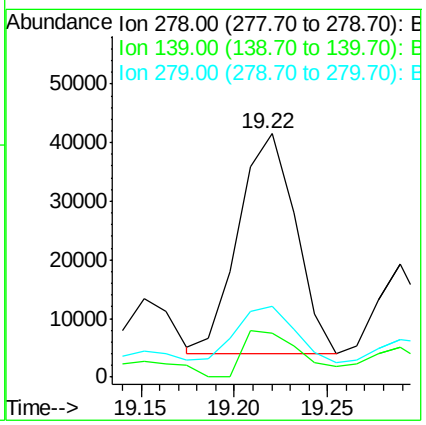


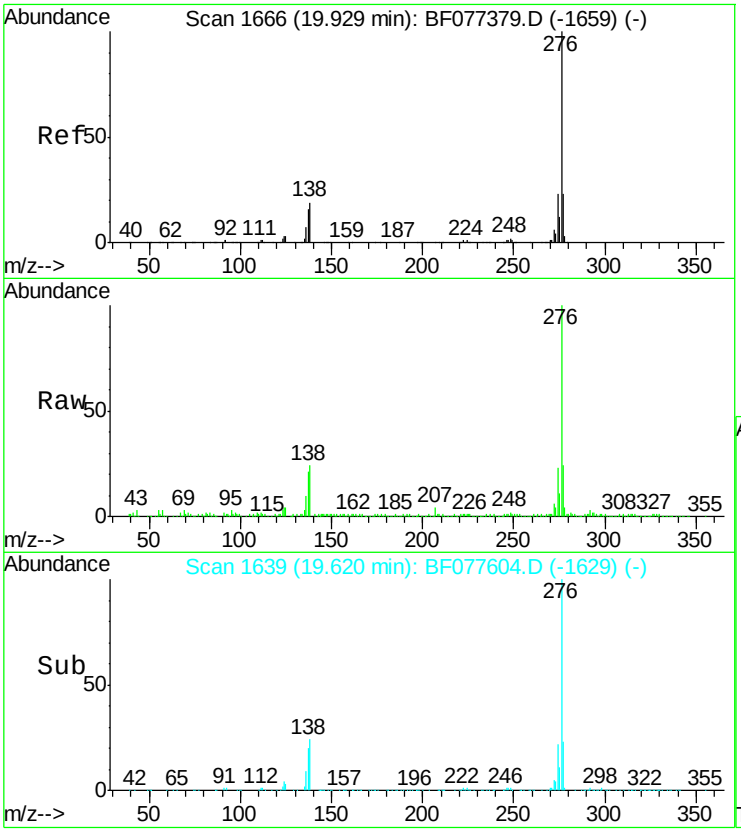


#90
Dibenzo(a,h)anthracene
Concen: 5.19 ng
RT: 19.22 min Scan# 1604
Delta R.T. -0.09 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Tgt Ion:278 Resp: 80150

Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.3	21.5
279	29.0	19.0	28.6#





#91
Benzo(g,h,i)perylene
Concen: 21.08 ng
RT: 19.62 min Scan# 1639
Delta R.T. -0.08 min
Lab File: BF077604.D
Acq: 5 Mar 2015 4:30

Instrument :
BNA_F
ClientSampleId :
SB18

Tgt Ion:276 Resp: 328829

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	24.2	20.5	30.7