Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077609.D
Acq On : 5 Mar 2015 6:53
Operator : TP/IZ
Sample : G1424-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP-1

Quant Time: Mar 05 08:13:06 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 13:27:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	68172	20.00	ng		0.00
21) Naphthalene-d8	8.80	136	274631	20.00	ng		0.00
38) Acenaphthene-d10	10.97	164	135984	20.00	ng		0.00
63) Phenanthrene-d10	12.82	188	265430	20.00	ng		0.00
75) Chrysene-d12	16.12	240	277903	20.00	ng		0.02
86) Perylene-d12	17.91	264	273357	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	391236	95.81	ng		0.00
7) Phenol-d6	6.79	99	479189	91.27	ng		0.00
23) Nitrobenzene-d5	7.91	82	289155	65.47	ng		0.00
41) 2,4,6-Tribromophenol	11.95	330	120250	91.84	ng		0.00
44) 2-Fluorobiphenyl	10.15	172	488414	56.00	ng		0.00
78) Terphenyl-d14	14.81	244	472415	39.74	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	7.40	79	8262	2.07	ng	#	43
31) Naphthalene	8.83	128	391575	28.51	ng		98
37) 2-Methylnaphthalene	9.69	142	207540	21.28	ng		100
45) 1,1'-Biphenyl	10.27	154	53935	5.24	ng		96
48) Acenaphthylene	10.80	152	78464	6.13	ng		97
49) Dimethylphthalate	10.65	163	30085	3.15	ng		100
51) Acenaphthene	11.01	154	273509	35.83	ng		99
54) Dibenzofuran	11.23	168	254660	21.61	ng		98
57) Fluorene	11.65	166	485167	51.49	ng		98
61) 4-Nitroaniline	11.67	138	27574	13.02	ng		94
70) Phenanthrene	12.85	178	3206048	208.40	ng		94
71) Anthracene	12.91	178	919159	60.21	ng		99
72) Carbazole	13.11	167	235264	16.21	ng		99
74) Fluoranthene	14.33	202	3016847	179.52	ng		94
77) Pyrene	14.61	202	2747149	161.60	ng		95
80) Benzo(a)anthracene	16.11	228	1423820	87.42	ng		96
82) Chrysene	16.15	228	1099489	71.89	ng		98
85) Indeno(1,2,3-cd)pyrene	19.36	276	583649	33.47	ng		94
87) Benzo(b)fluoranthene	17.47	252	1726223	108.59	ng	#	95
88) Benzo(k)fluoranthene	17.47	252	1726223	110.81	ng		99
89) Benzo(a)pyrene	17.85	252	993752	65.64	ng	#	95
90) Dibenzo(a,h)anthracene	19.37	278	150749	10.44	ng	#	92
91) Benzo(g,h,i)perylene	19.78	276	554276	38.03	ng		99

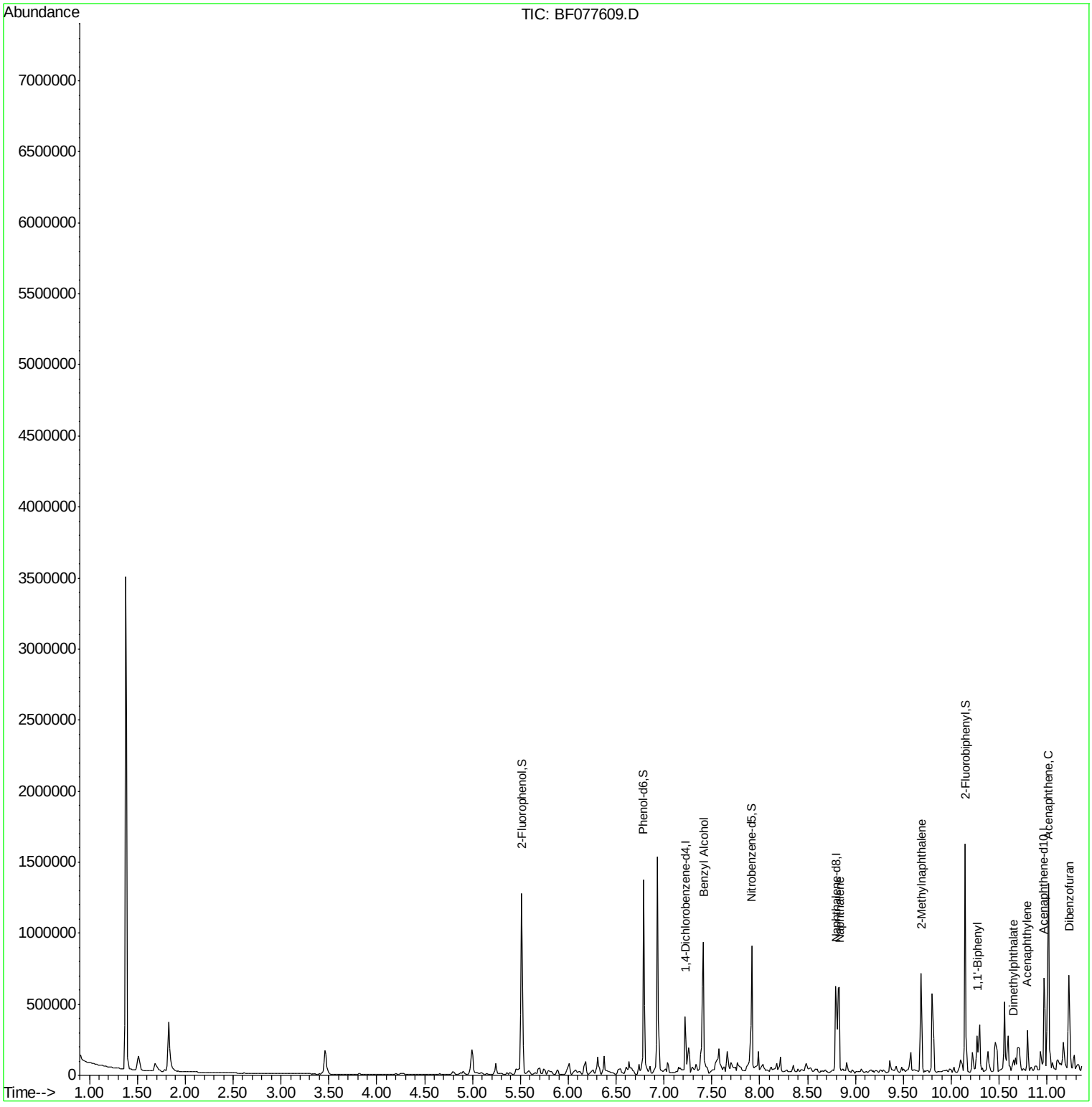
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077609.D
Acq On : 5 Mar 2015 6:53
Operator : TP/IZ
Sample : G1424-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SEP-1

Quant Time: Mar 05 08:13:06 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 13:27:09 2015
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077609.D
Acq On : 5 Mar 2015 6:53
Operator : TP/IZ
Sample : G1424-08
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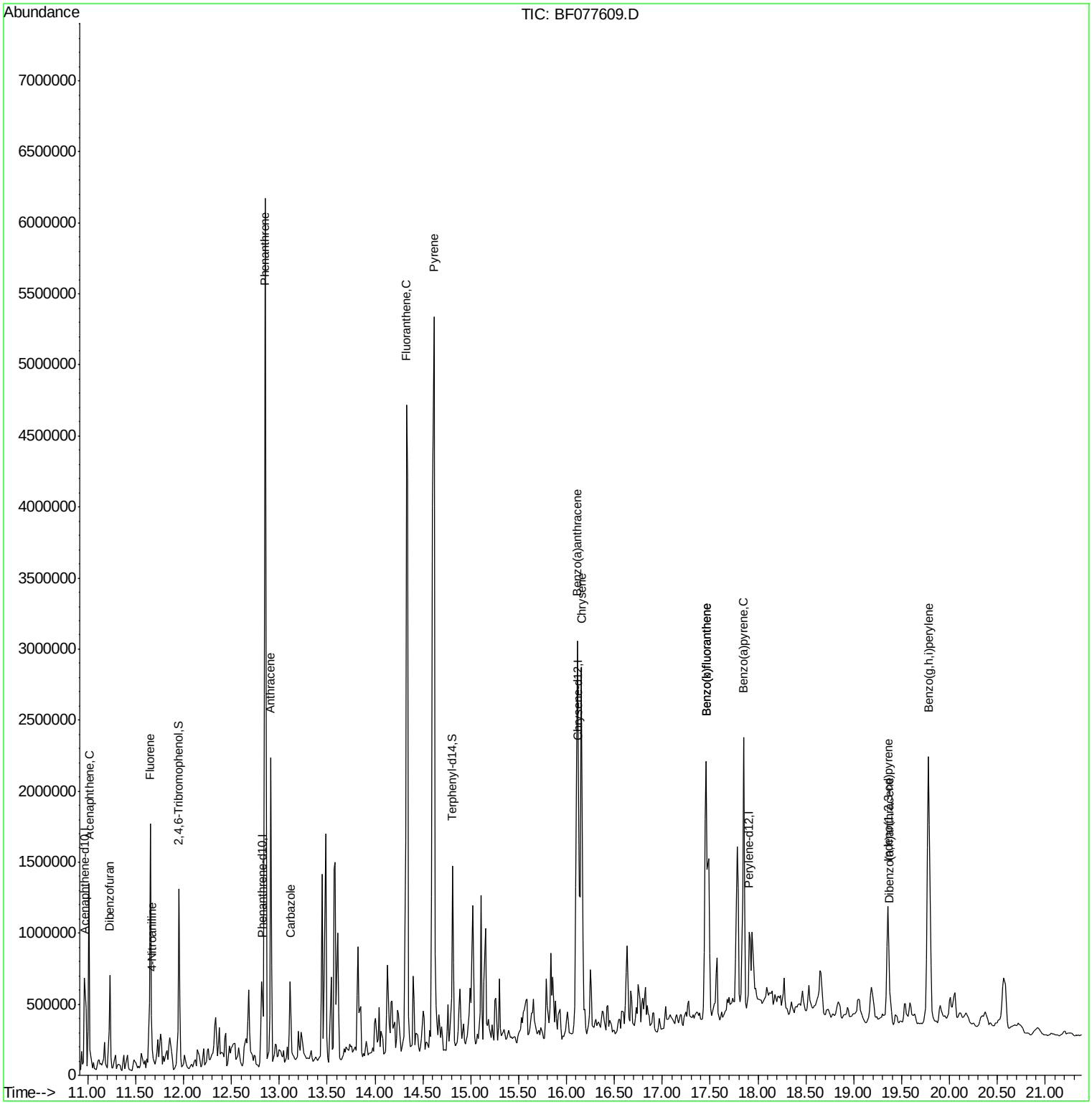
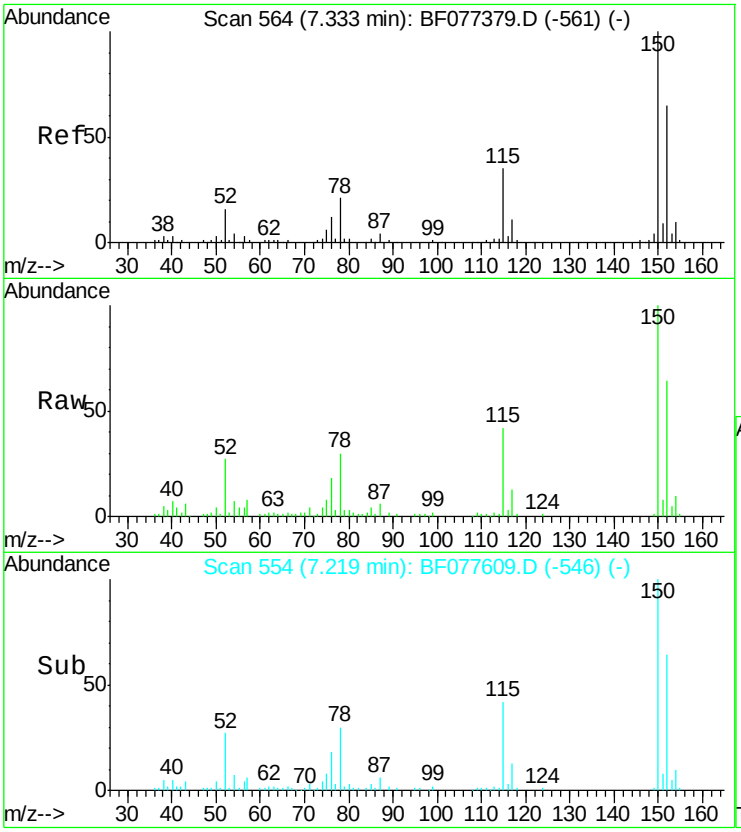
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 13:27:09 2015
Response via : Initial Calibration



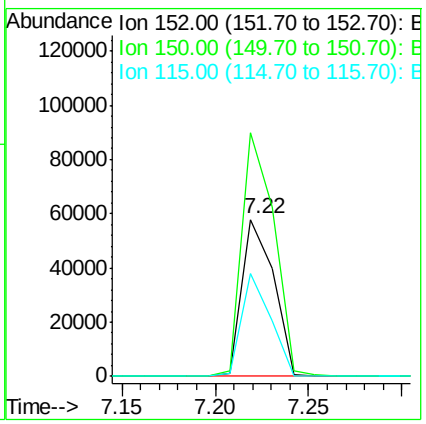


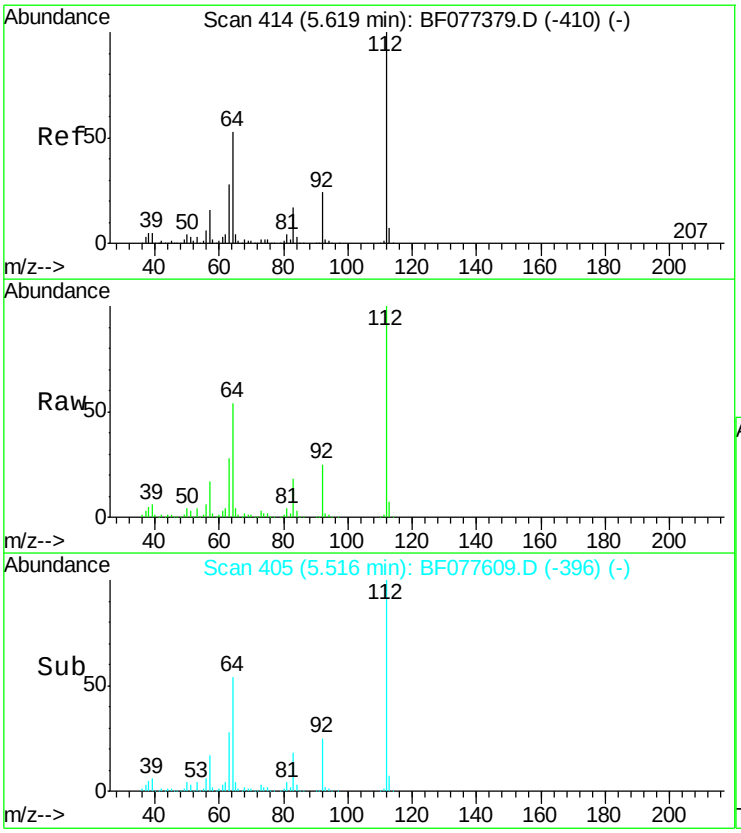
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SEP-1

Tgt Ion:152 Resp: 68172

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.0	186.0
115	66.0	49.4	74.2

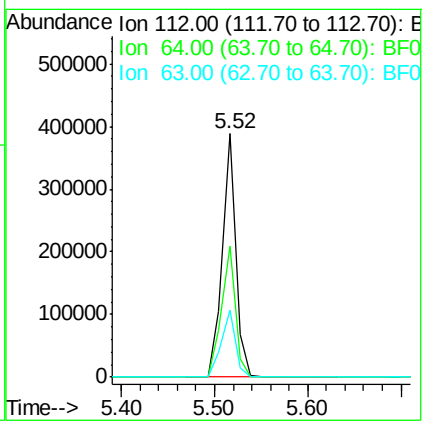


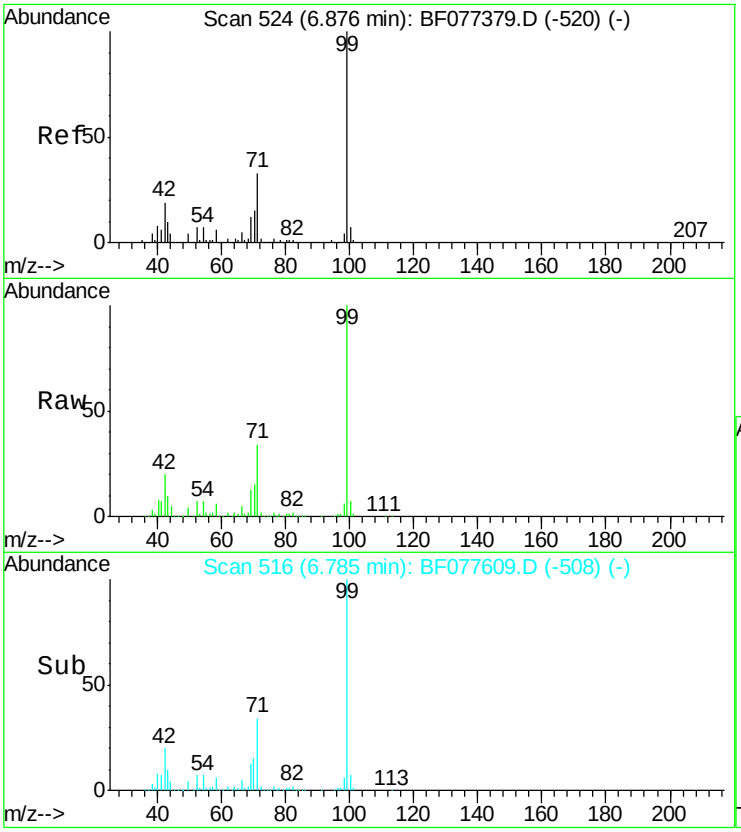


#5
2-Fluorophenol
Concen: 95.81 ng
RT: 5.52 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion:112 Resp: 391236

Ion	Ratio	Lower	Upper
112	100		
64	53.8	48.5	72.7
63	27.6	25.0	37.4



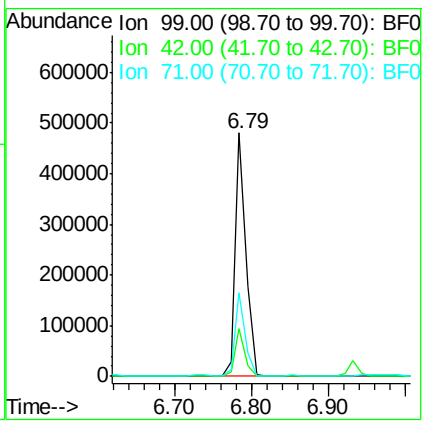


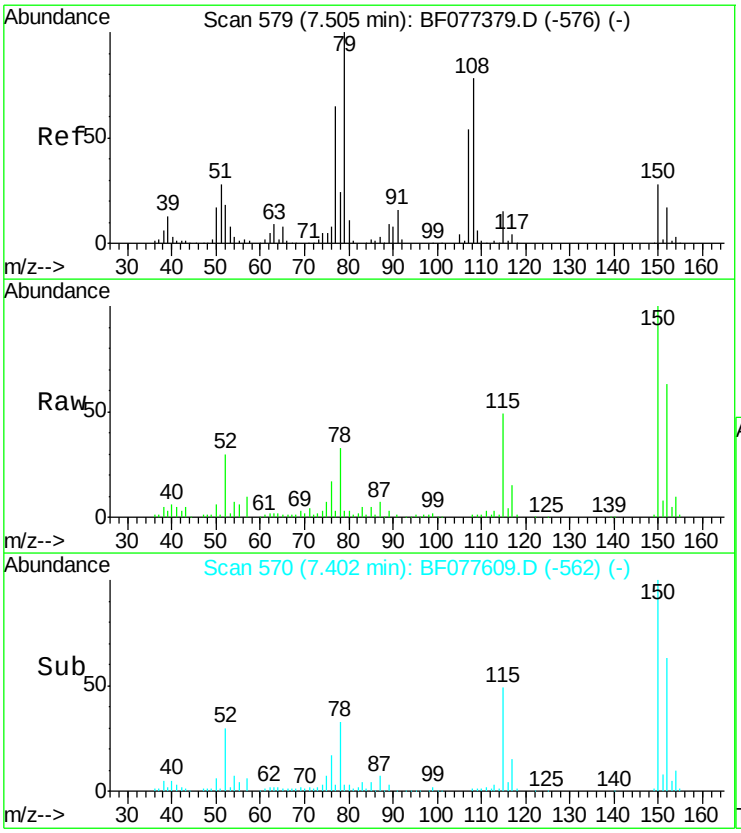
#7
Phenol-d6
Concen: 91.27 ng
RT: 6.79 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SEP-1

Tgt Ion: 99 Resp: 479189

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.2	24.4
71	34.1	26.7	40.1

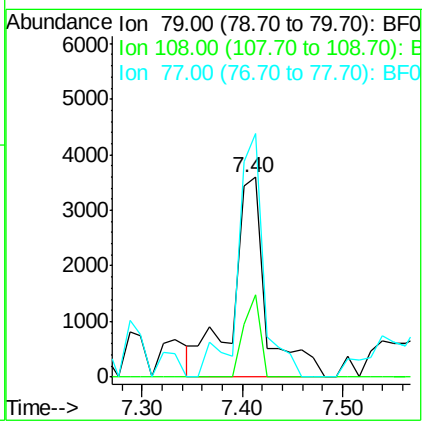


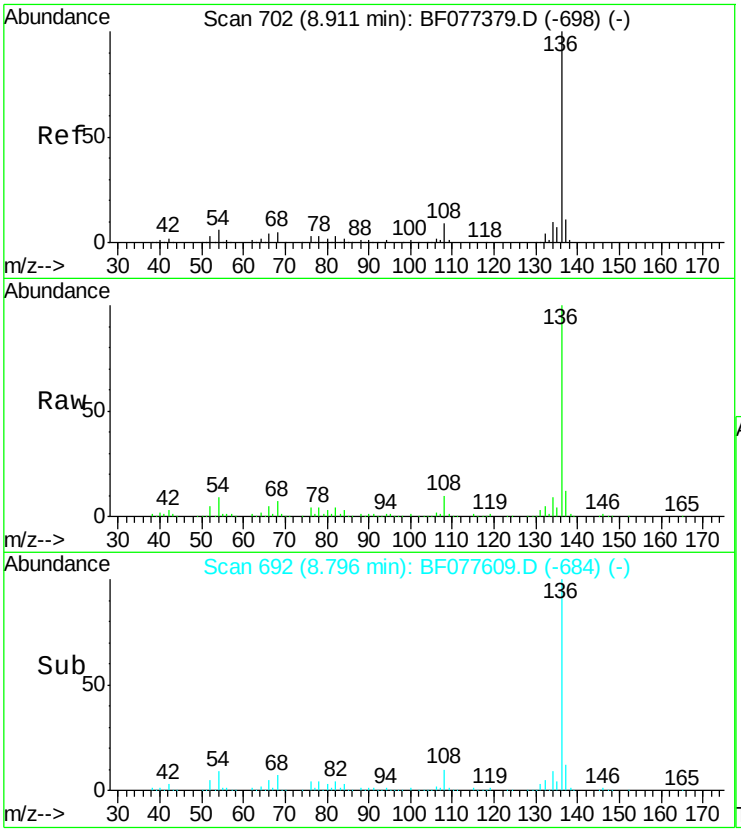


#15
Benzyl Alcohol
Concen: 2.07 ng
RT: 7.40 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion: 79 Resp: 8262

Ion	Ratio	Lower	Upper
79	100		
108	27.9	58.3	87.5#
77	112.5	51.3	76.9#



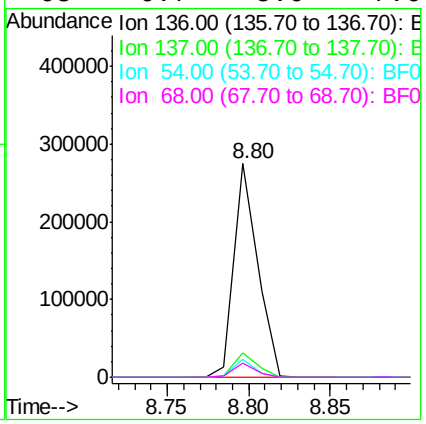


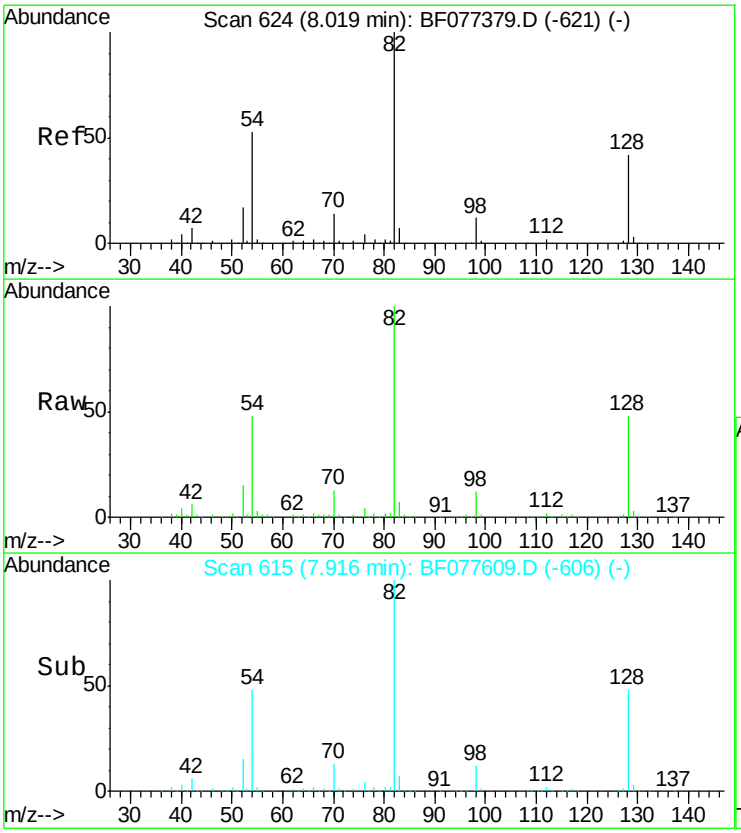
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SEP-1

Tgt Ion:136 Resp: 274631

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	13.0
54	8.5	6.2	9.4
68	6.7	5.0	7.6

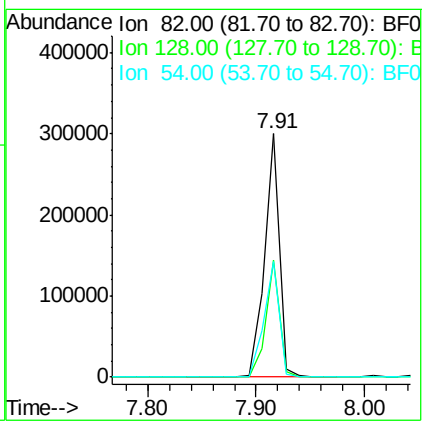


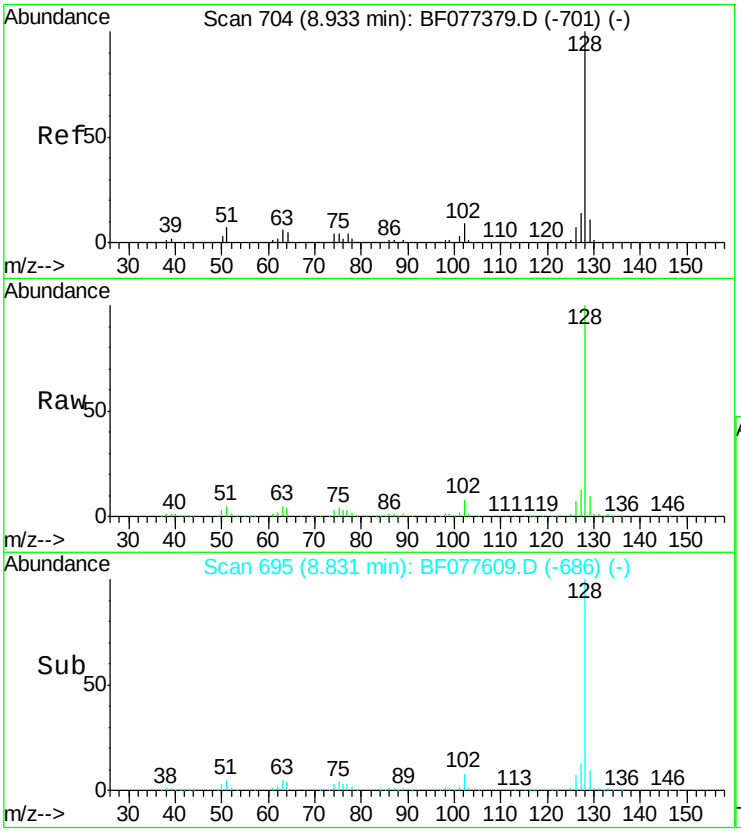


#23
Nitrobenzene-d5
Concen: 65.47 ng
RT: 7.91 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion: 82 Resp: 289155

Ion	Ratio	Lower	Upper
82	100		
128	48.2	43.8	65.8
54	47.6	36.7	55.1



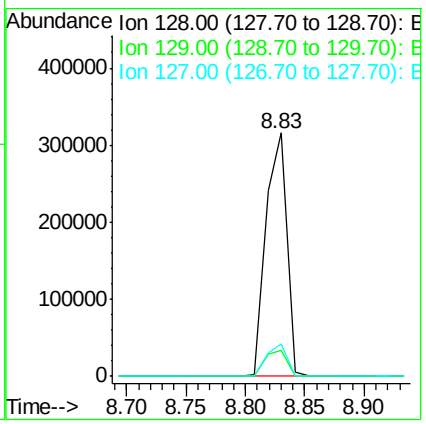


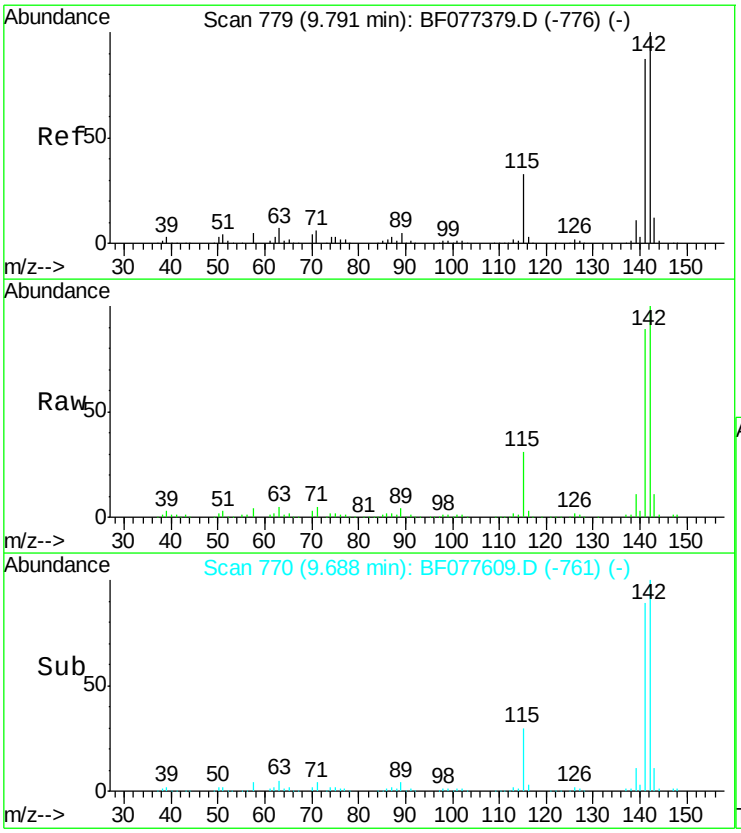
#31
Naphthalene
Concen: 28.51 ng
RT: 8.83 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SEP-1

Tgt Ion:128 Resp: 391575

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.4	14.0
127	13.1	10.6	15.8

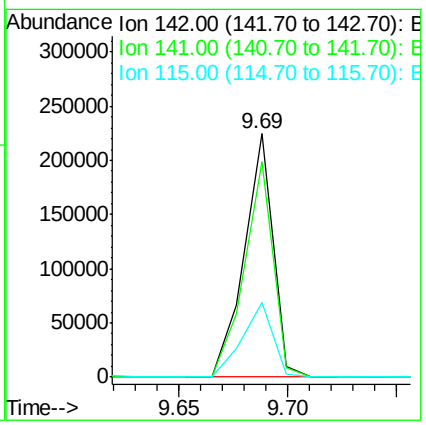


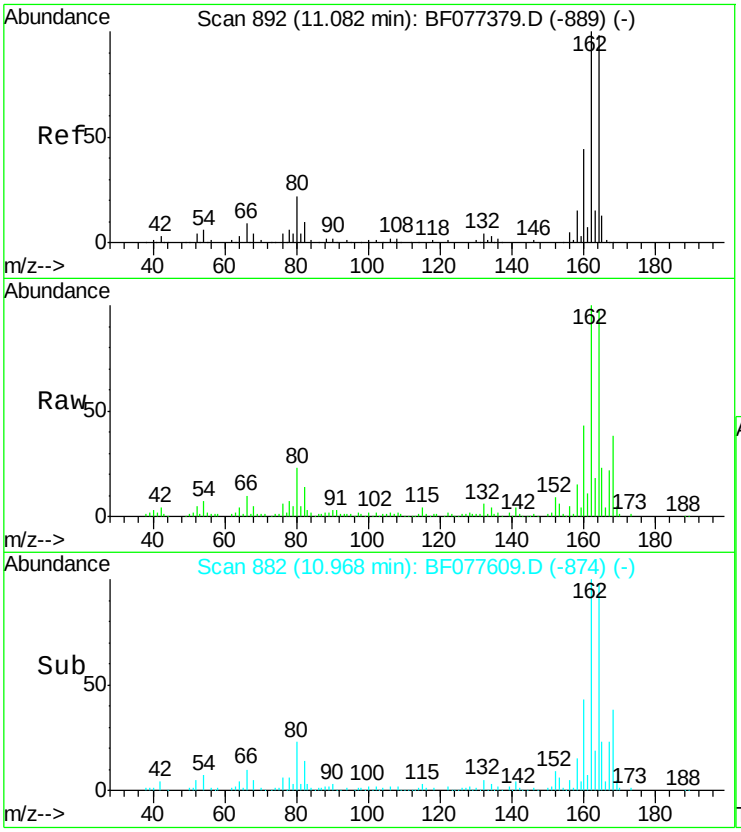


#37
2-Methylnaphthalene
Concen: 21.28 ng
RT: 9.69 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion:142 Resp: 207540

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.7	106.1
115	30.6	24.2	36.4



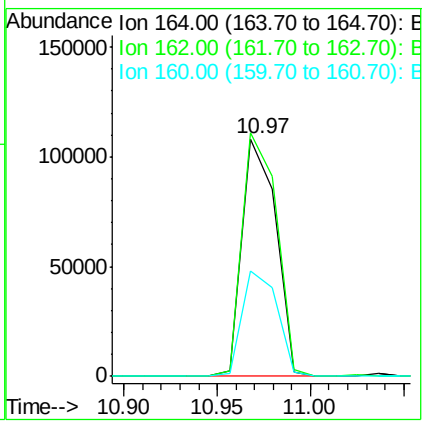


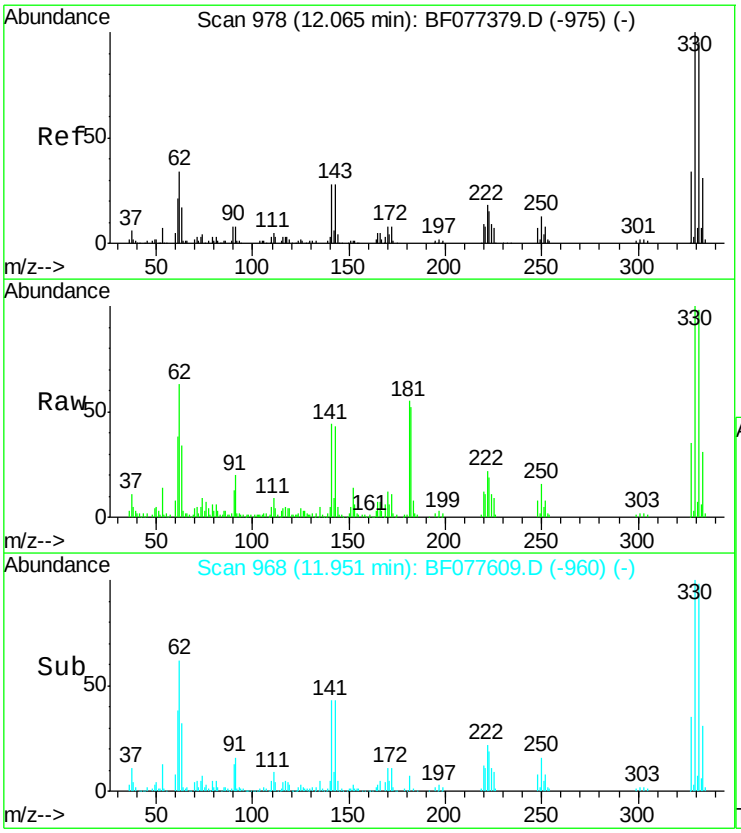
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SEP-1

Tgt Ion:164 Resp: 135984

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.2	124.8
160	44.5	34.6	52.0

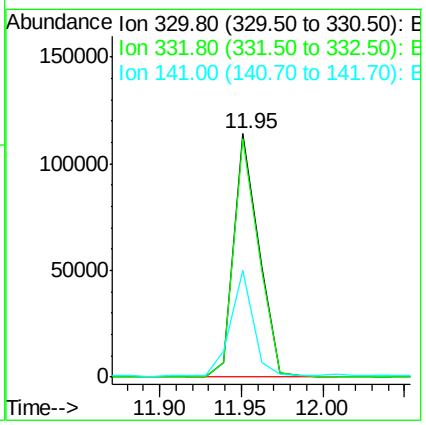


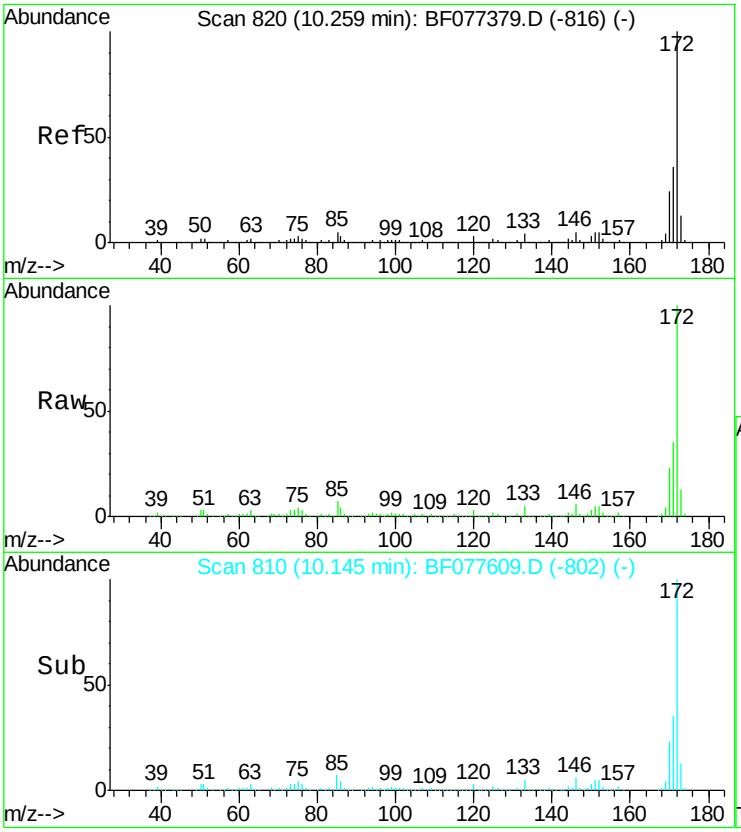


#41
2,4,6-Tribromophenol
Concen: 91.84 ng
RT: 11.95 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion:330 Resp: 120250

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	39.9	28.8	43.2



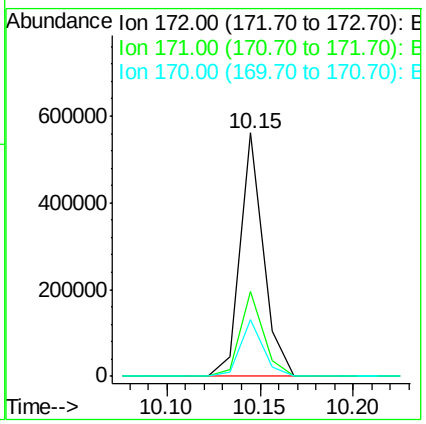


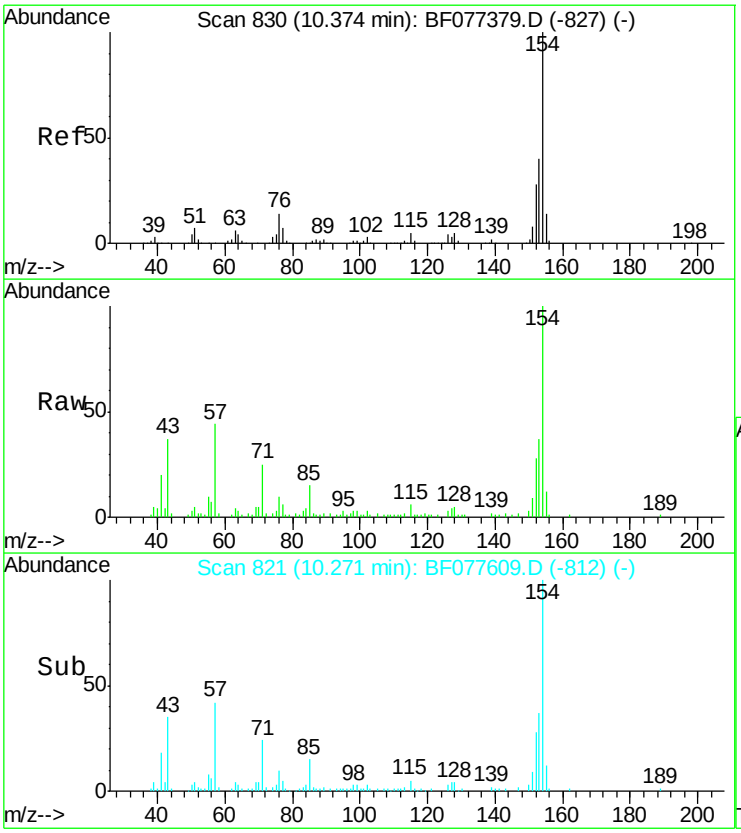
#44
2-Fluorobiphenyl
Concen: 56.00 ng
RT: 10.15 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SEP-1

Tgt Ion:172 Resp: 488414

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	23.2	19.4	29.2

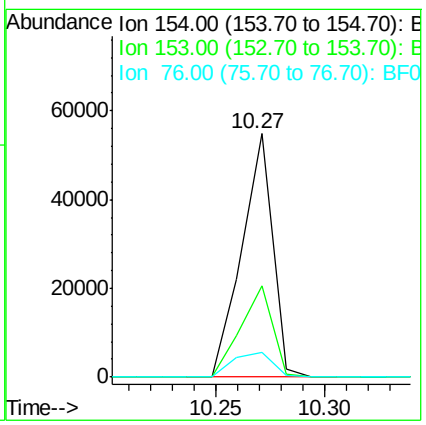


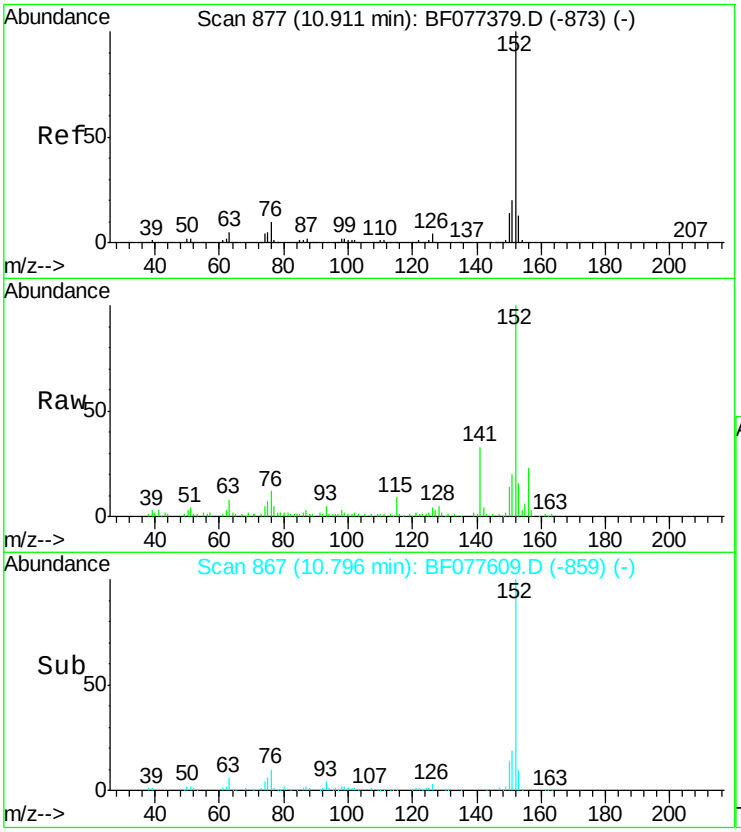


#45
1,1'-Biphenyl
Concen: 5.24 ng
RT: 10.27 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion:154 Resp: 53935

Ion	Ratio	Lower	Upper
154	100		
153	37.4	20.2	60.2
76	10.1	0.0	29.4



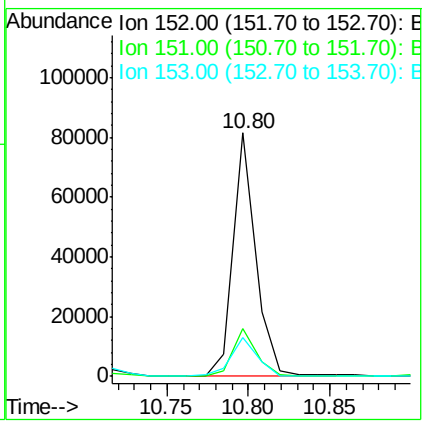


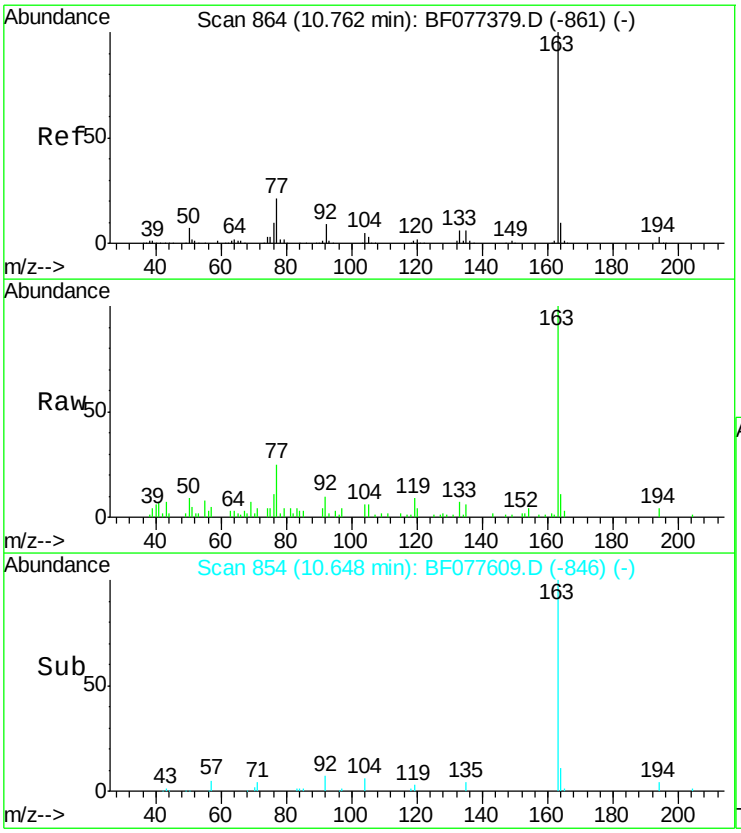
#48
Acenaphthylene
Concen: 6.13 ng
RT: 10.80 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SEP-1

Tgt Ion:152 Resp: 78464

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	15.9	10.9	16.3

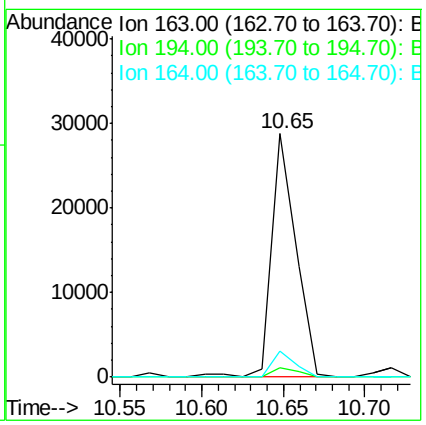


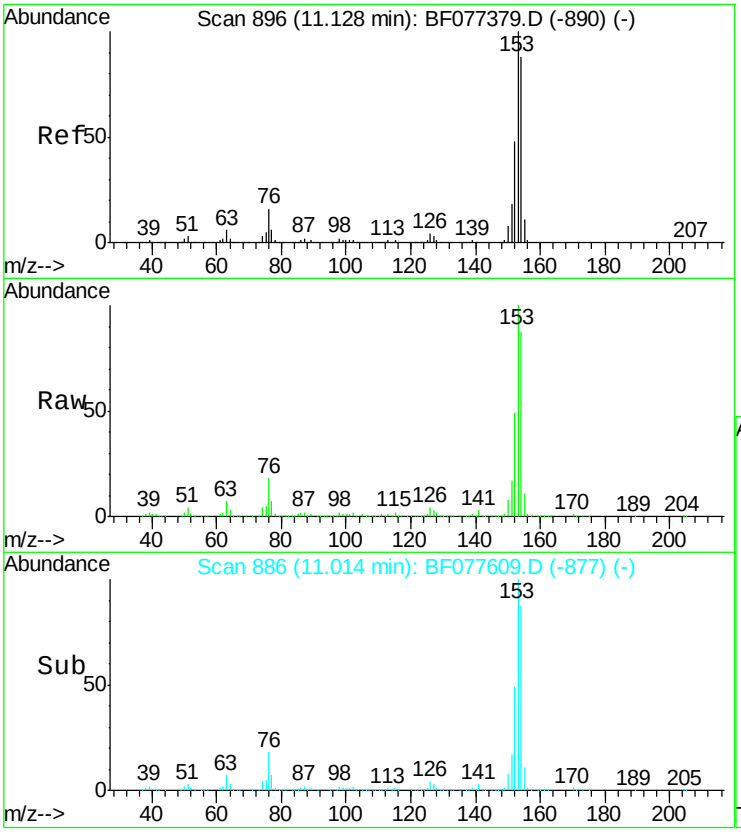


#49
Dimethylphthalate
Concen: 3.15 ng
RT: 10.65 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion:163 Resp: 30085

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.7	8.6	13.0



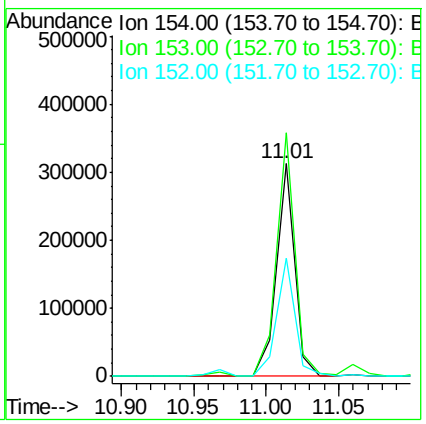


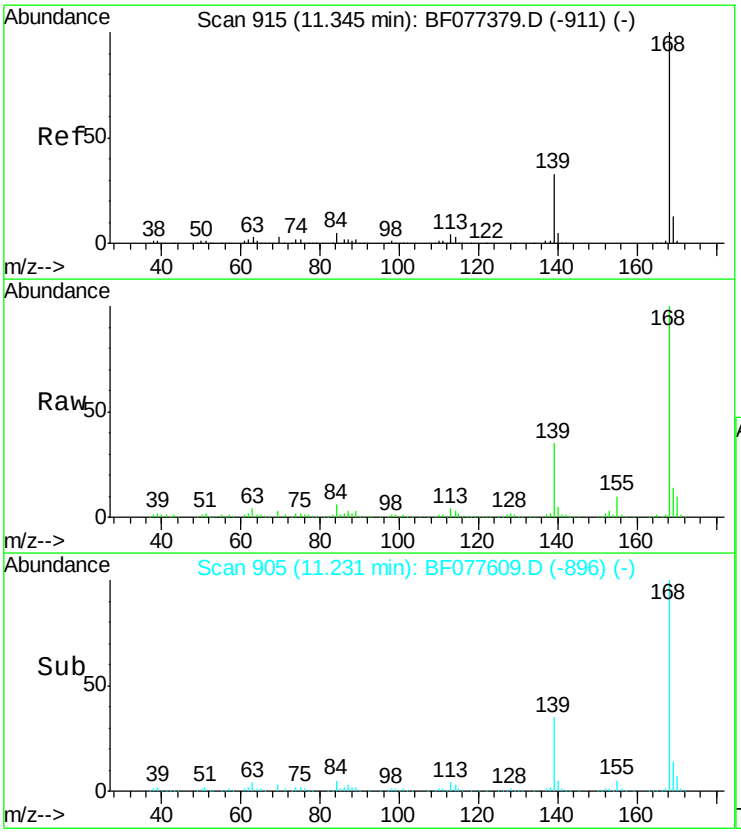
#51
Acenaphthene
Concen: 35.83 ng
RT: 11.01 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SEP-1

Tgt Ion:154 Resp: 273509

Ion	Ratio	Lower	Upper
154	100		
153	114.5	90.5	135.7
152	55.6	43.5	65.3

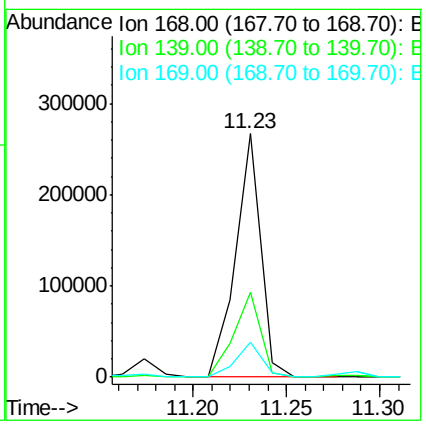


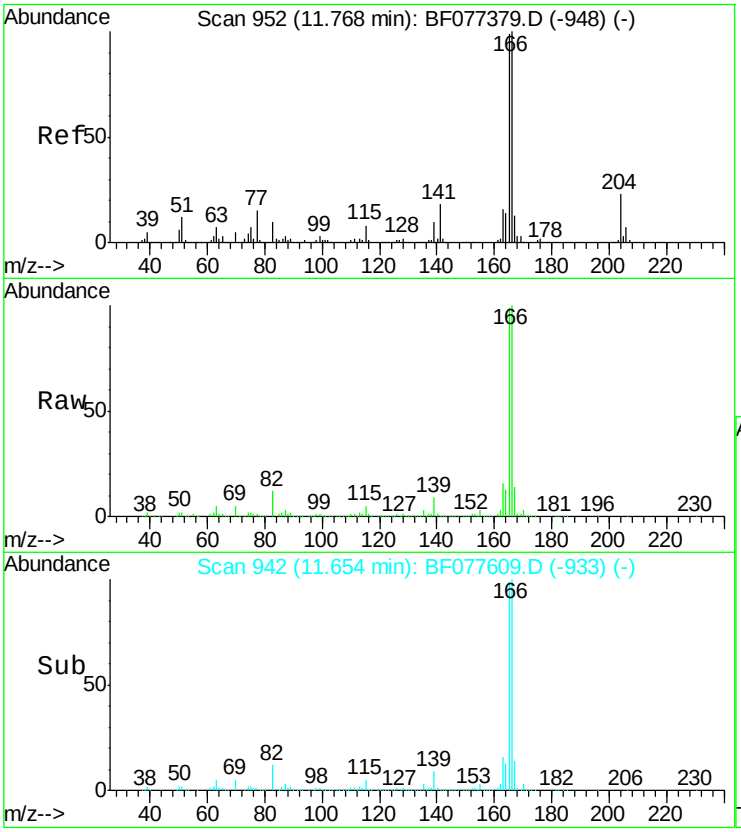


#54
Dibenzofuran
Concen: 21.61 ng
RT: 11.23 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion:168 Resp: 254660

Ion	Ratio	Lower	Upper
168	100		
139	35.1	29.3	43.9
169	14.4	10.9	16.3



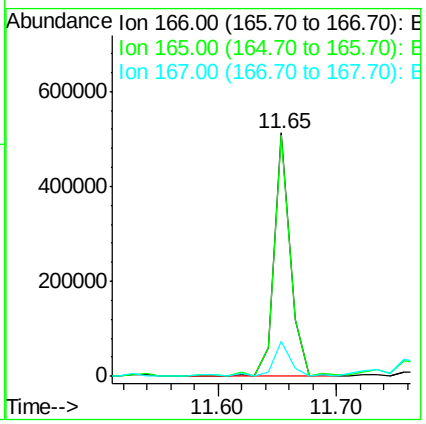


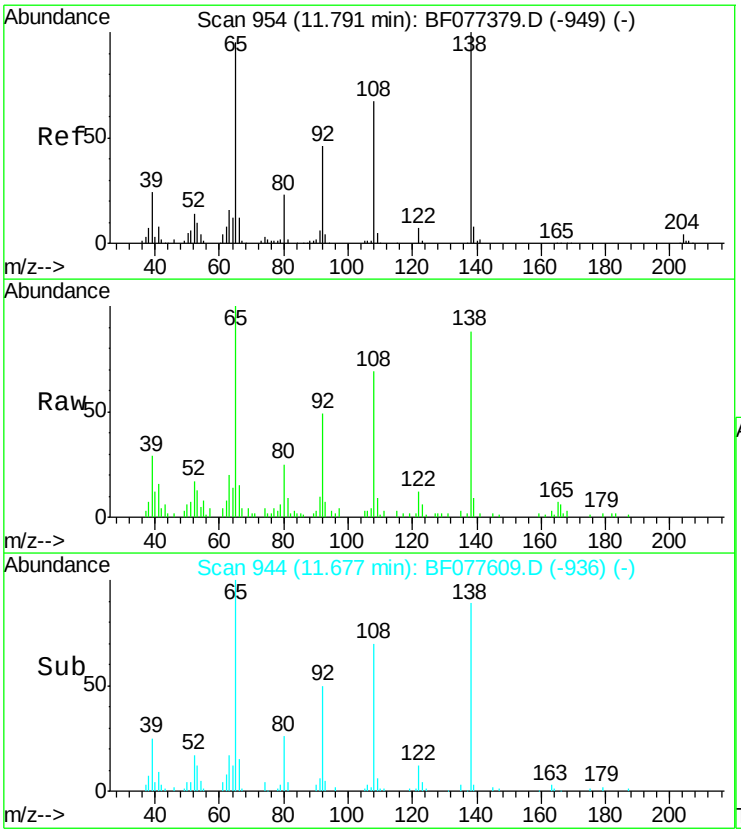
#57
Fluorene
Concen: 51.49 ng
RT: 11.65 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SEP-1

Tgt Ion:166 Resp: 485167

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.6	116.4
167	14.4	10.6	16.0

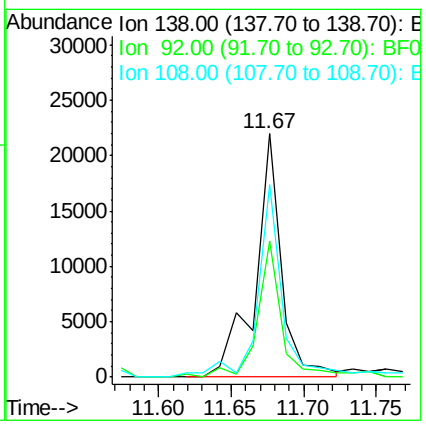


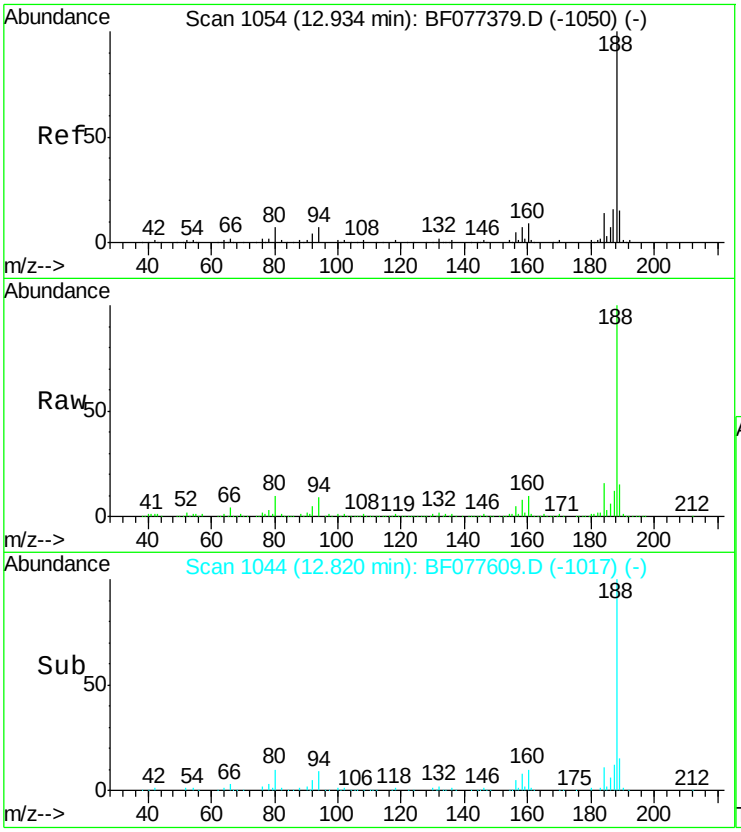


#61
4-Nitroaniline
Concen: 13.02 ng
RT: 11.67 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion:138 Resp: 27574

Ion	Ratio	Lower	Upper
138	100		
92	55.9	32.8	72.8
108	78.8	52.1	92.1



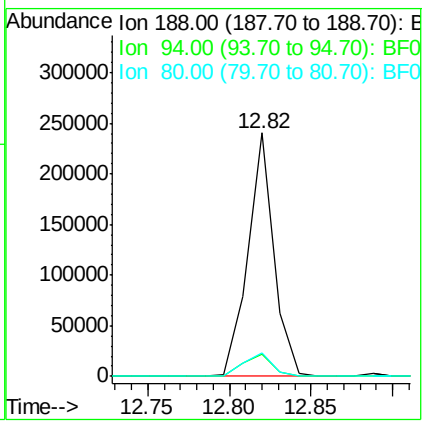


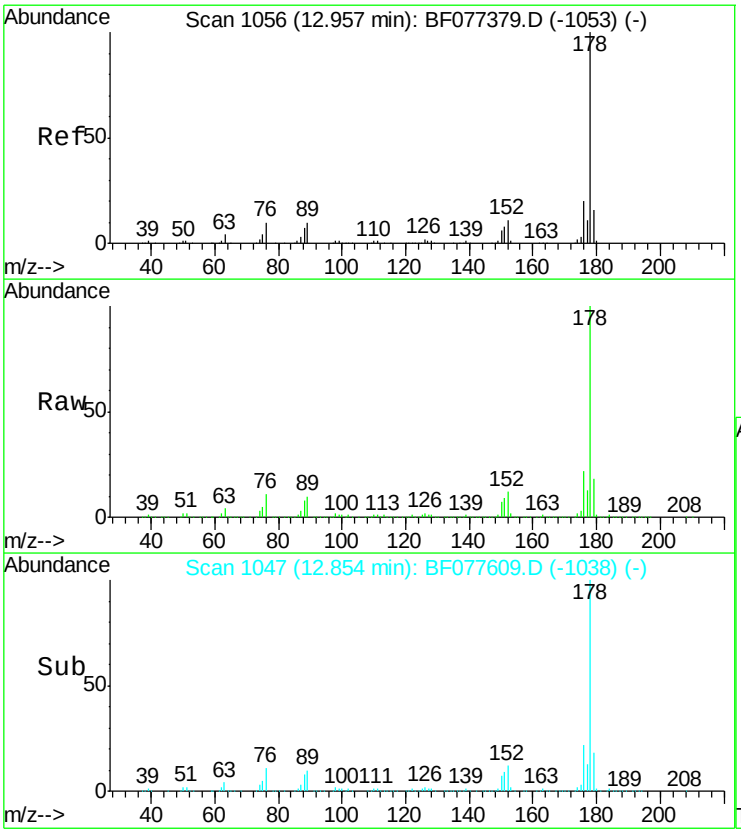
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SEP-1

Tgt Ion:188 Resp: 265430

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.2
80	9.6	8.0	12.0

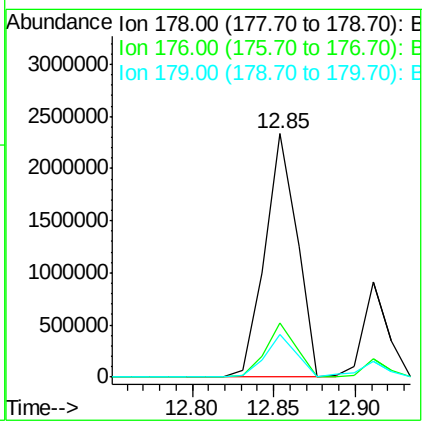


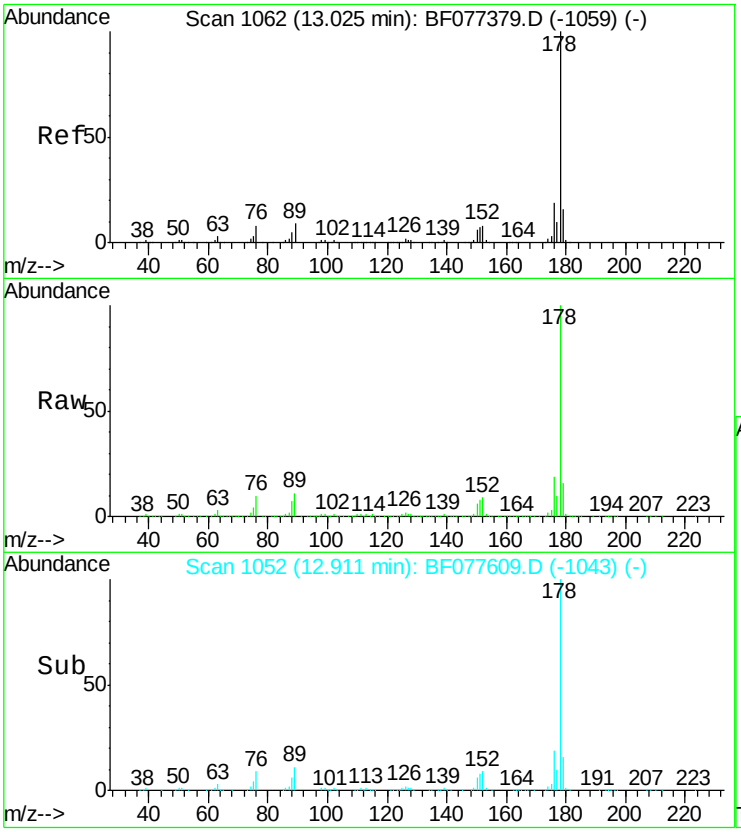


#70
Phenanthrene
Concen: 208.40 ng
RT: 12.85 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion:178 Resp: 3206048

Ion	Ratio	Lower	Upper
178	100		
176	22.2	15.5	23.3
179	17.8	12.2	18.2



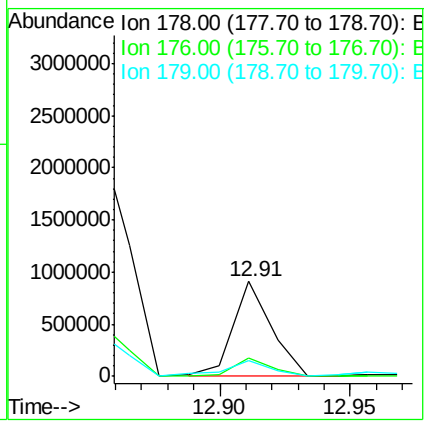


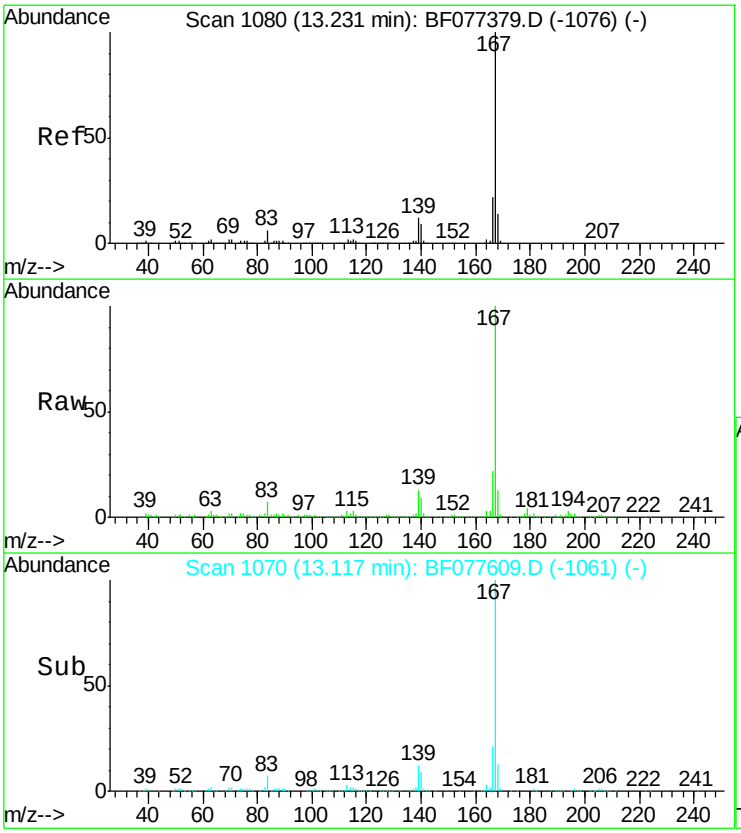
#71
Anthracene
Concen: 60.21 ng
RT: 12.91 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SEP-1

Tgt Ion:178 Resp: 919159

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	16.3	12.9	19.3

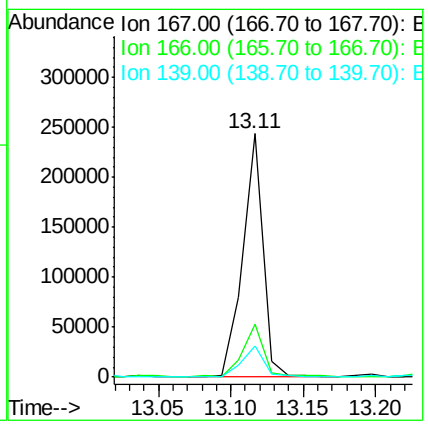


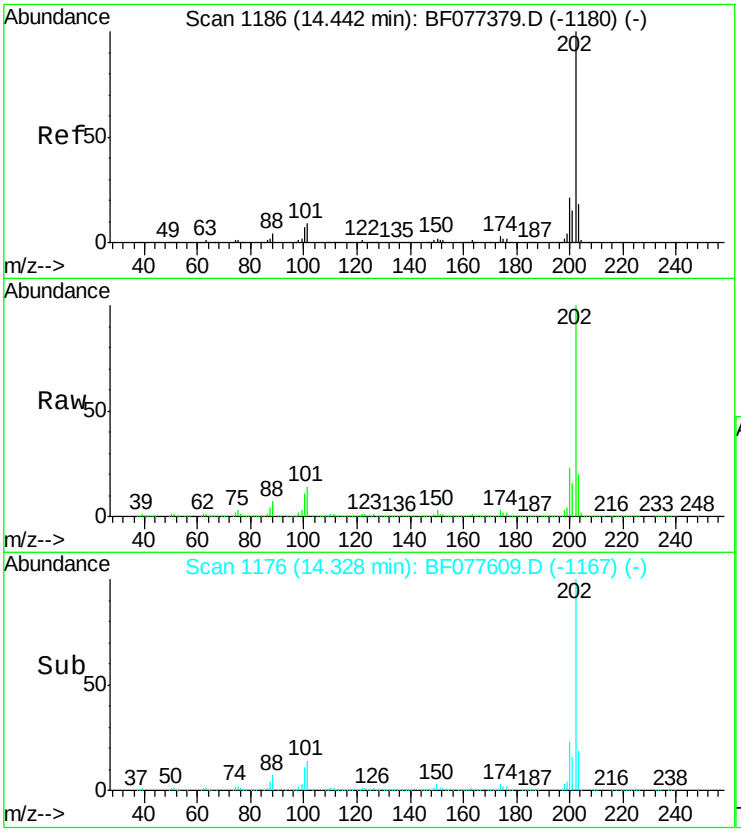


#72
Carbazole
Concen: 16.21 ng
RT: 13.11 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion:167 Resp: 235264

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	12.9	9.9	14.9



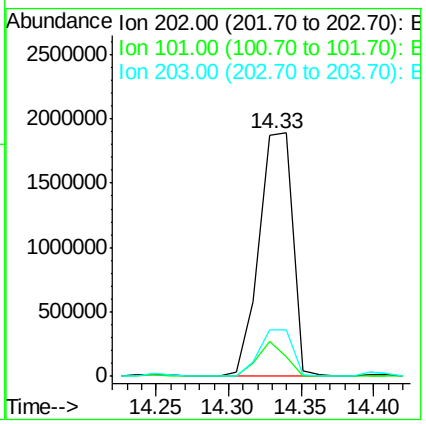


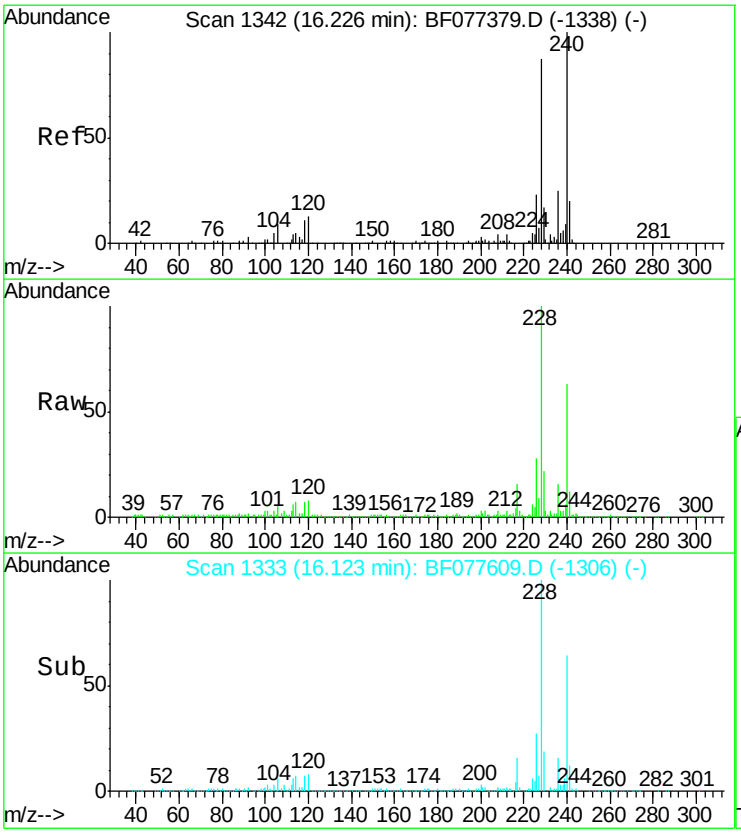
#74
Fluoranthene
Concen: 179.52 ng
RT: 14.33 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SEP-1

Tgt Ion:202 Resp: 3016847

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	30.8
203	19.5	0.0	37.7

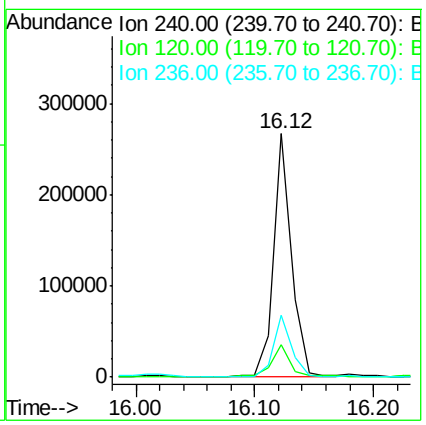


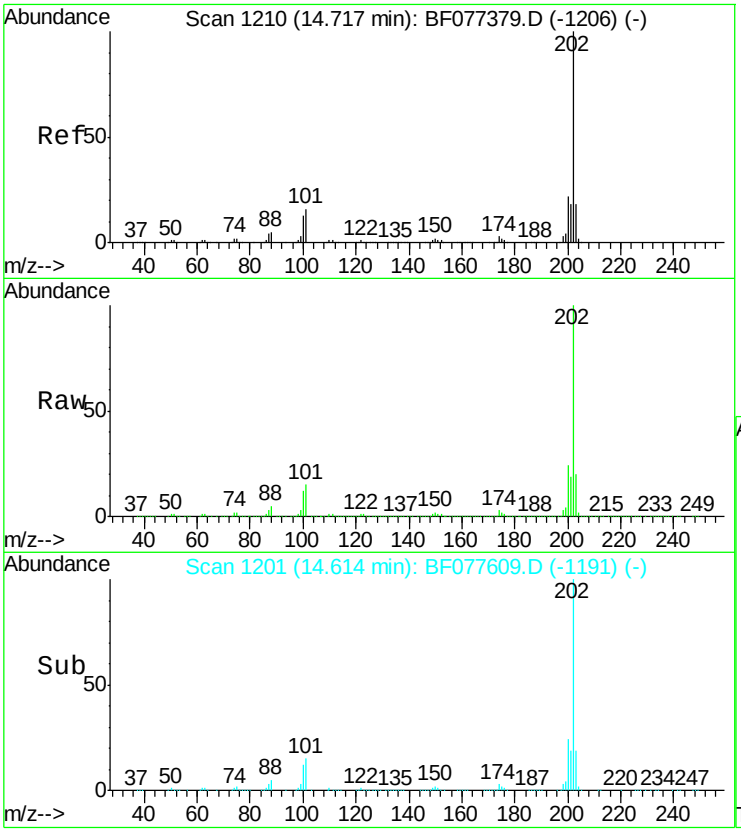


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.12 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion:240 Resp: 277903

Ion	Ratio	Lower	Upper
240	100		
120	13.5	8.8	13.2#
236	25.6	20.7	31.1



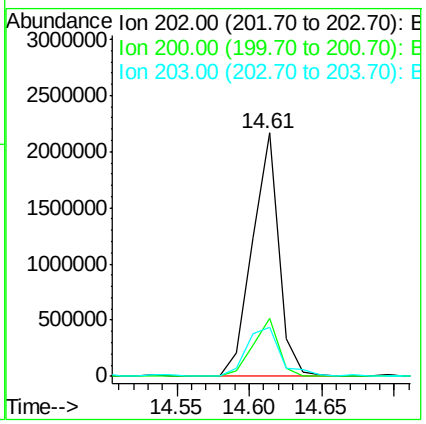


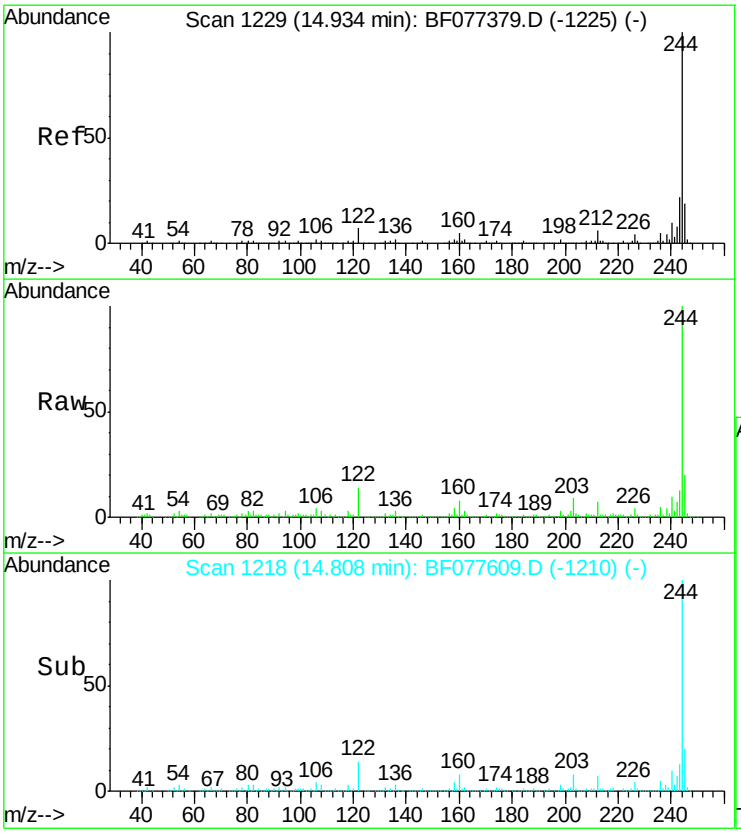
#77
Pyrene
Concen: 161.60 ng
RT: 14.61 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SEP-1

Tgt Ion:202 Resp: 2747149

Ion	Ratio	Lower	Upper
202	100		
200	23.8	17.1	25.7
203	19.9	14.2	21.2

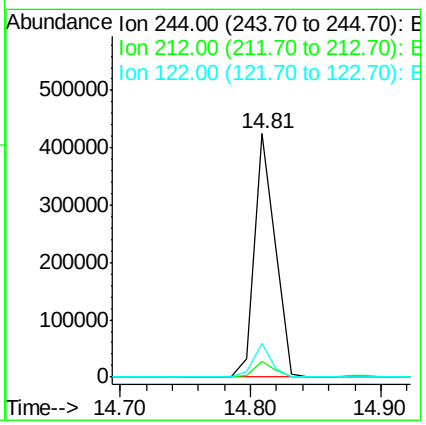


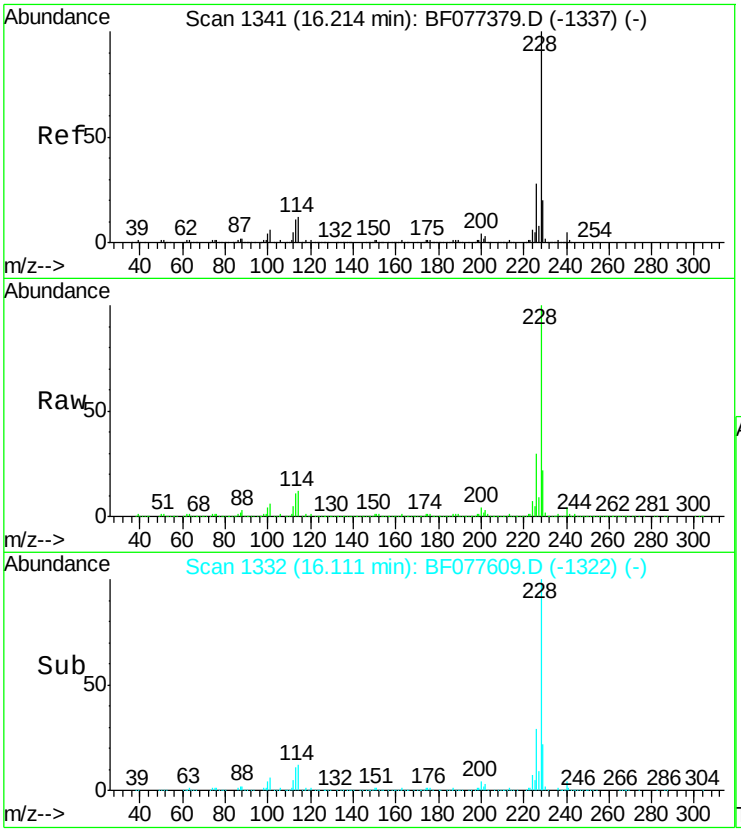


#78
Terphenyl-d14
Concen: 39.74 ng
RT: 14.81 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion:244 Resp: 472415

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	13.8	7.8	11.8#



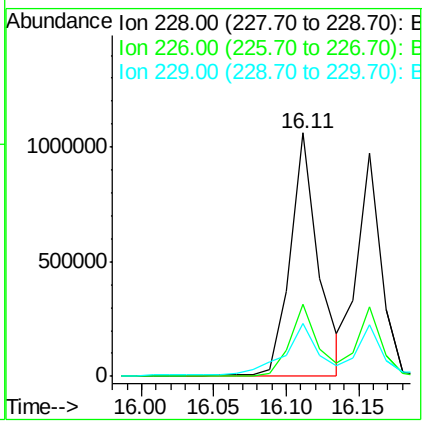


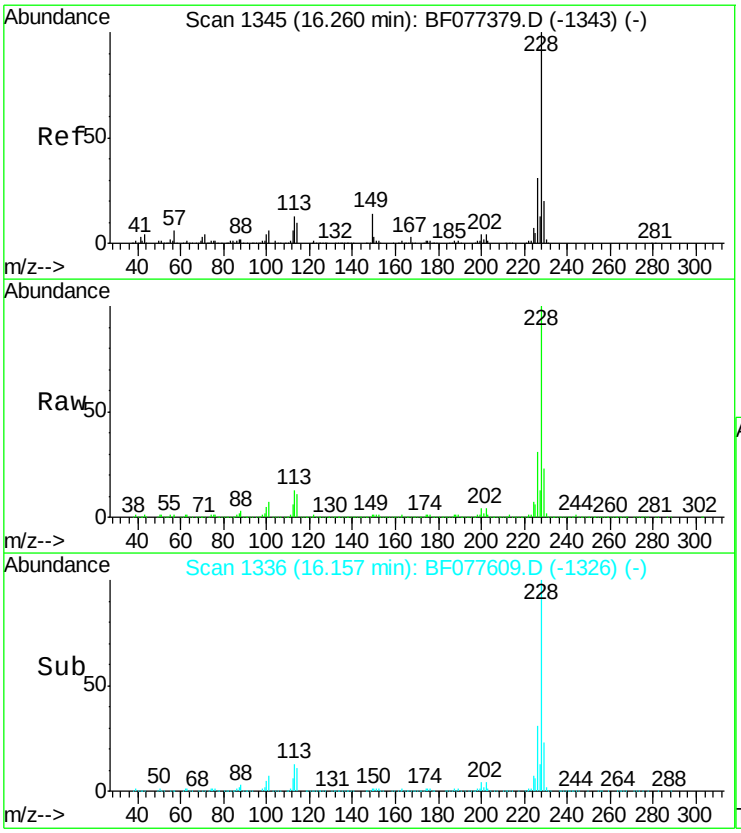
#80
Benzo(a)anthracene
Concen: 87.42 ng
RT: 16.11 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SEP-1

Tgt Ion:228 Resp: 1423820

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.0	33.0
229	21.8	15.8	23.8

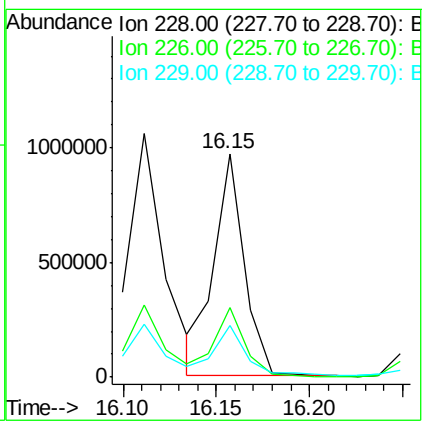


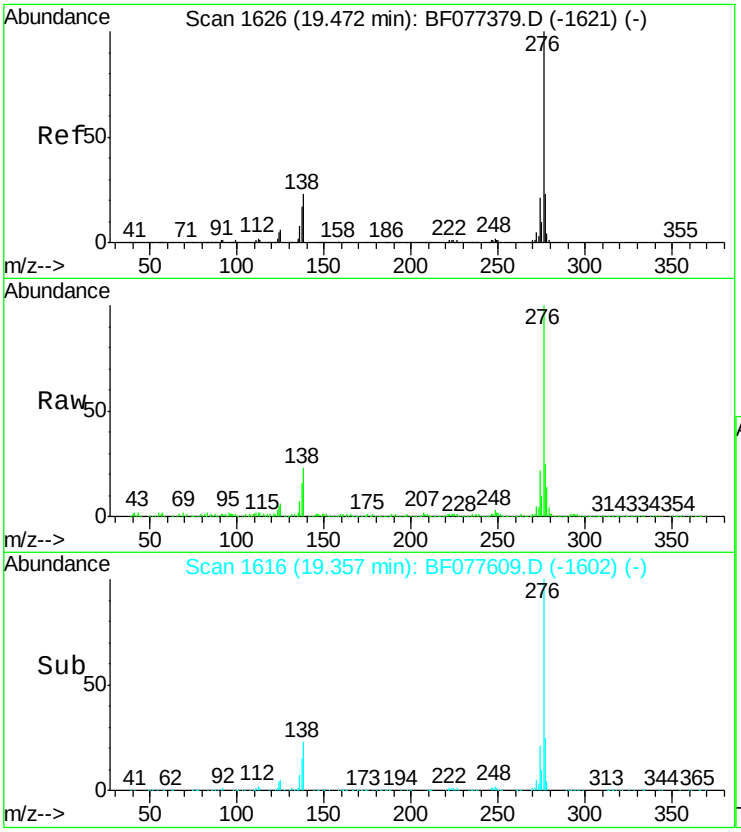


#82
Chrysene
Concen: 71.89 ng
RT: 16.15 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion:228 Resp: 1099489

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	23.3	16.4	24.6



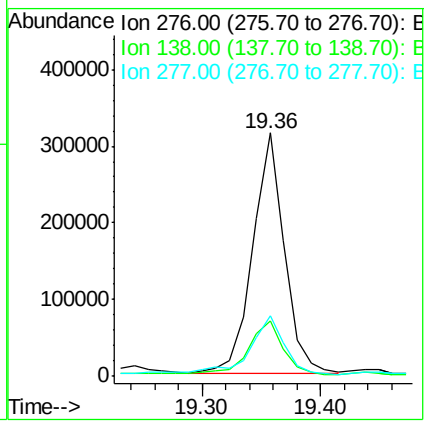


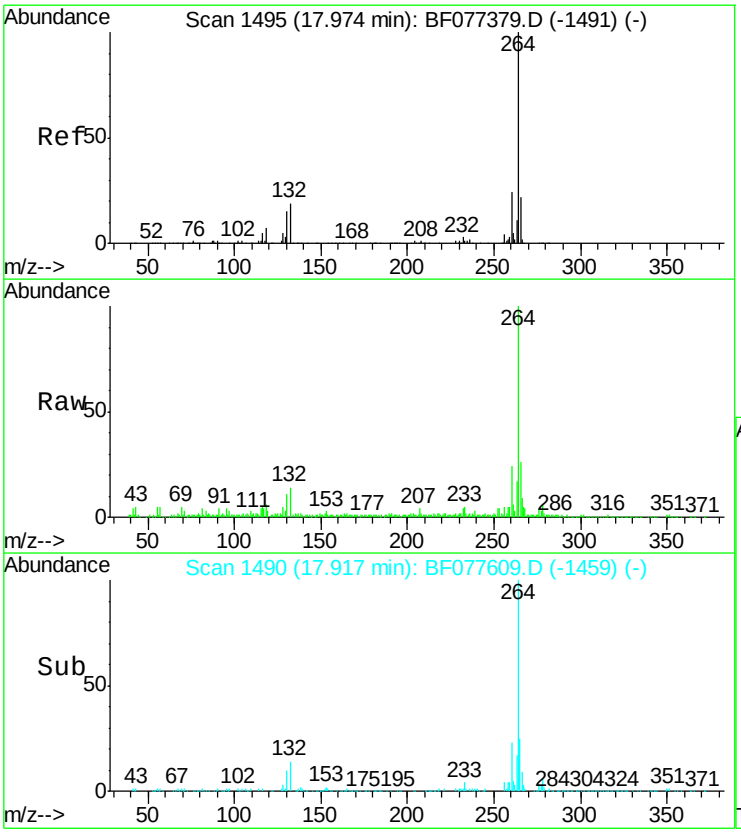
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.47 ng
RT: 19.36 min Scan# 1616
Delta R.T. 0.06 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SEP-1

Tgt Ion:276 Resp: 583649

Ion	Ratio	Lower	Upper
276	100		
138	23.8	21.2	31.8
277	27.9	20.0	30.0

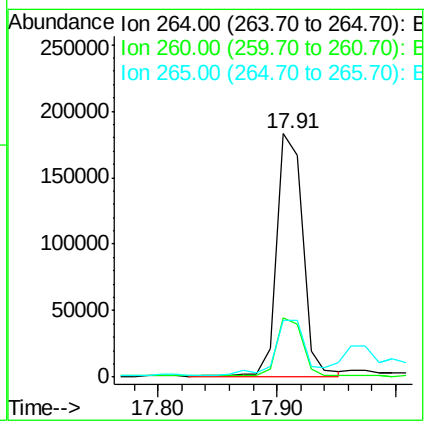


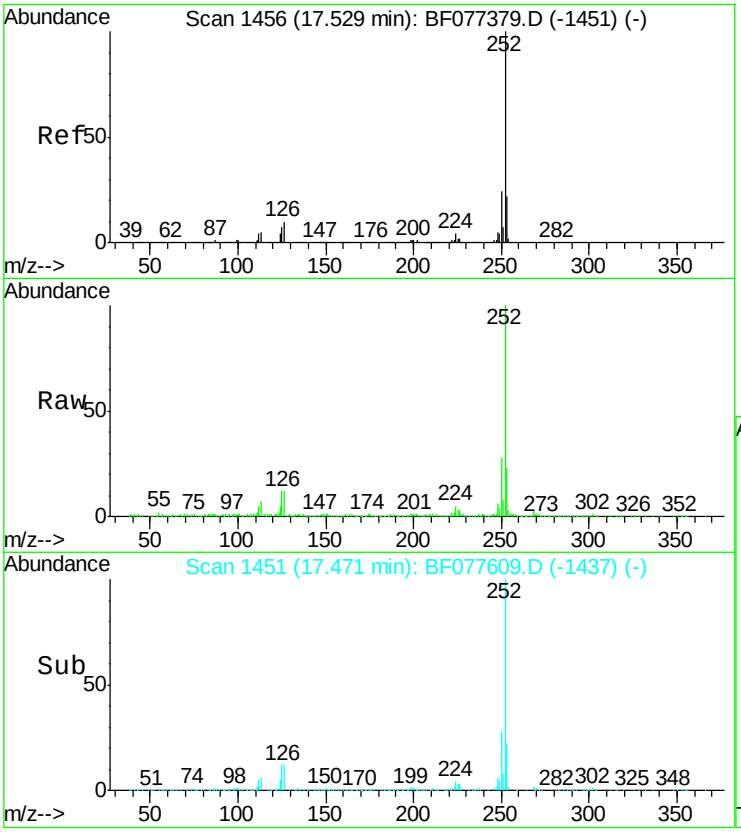


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.91 min Scan# 1490
Delta R.T. 0.05 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion:264 Resp: 273357

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	25.5	16.8	25.2#



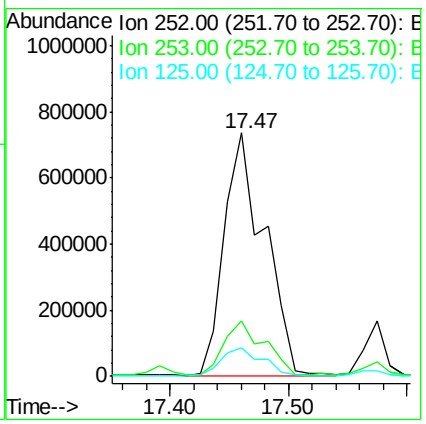


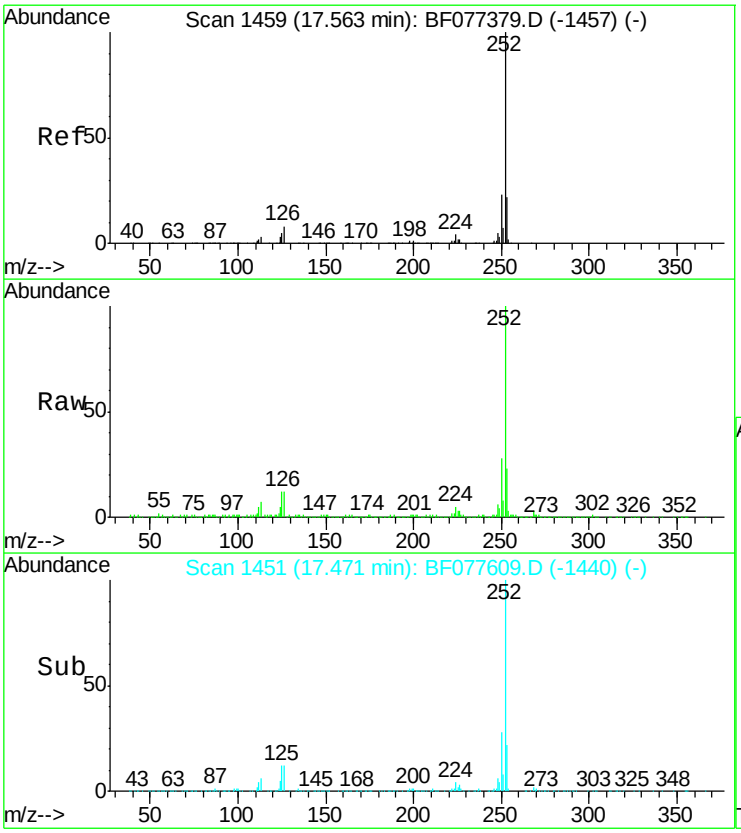
#87
Benzo(b)fluoranthene
Concen: 108.59 ng
RT: 17.47 min Scan# 1451
Delta R.T. 0.06 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SEP-1

Tgt Ion:252 Resp: 1726223

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	12.1	5.4	8.2#

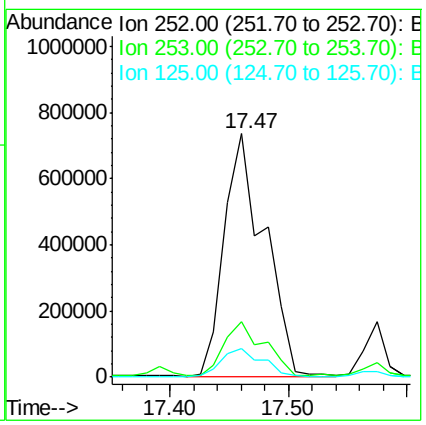


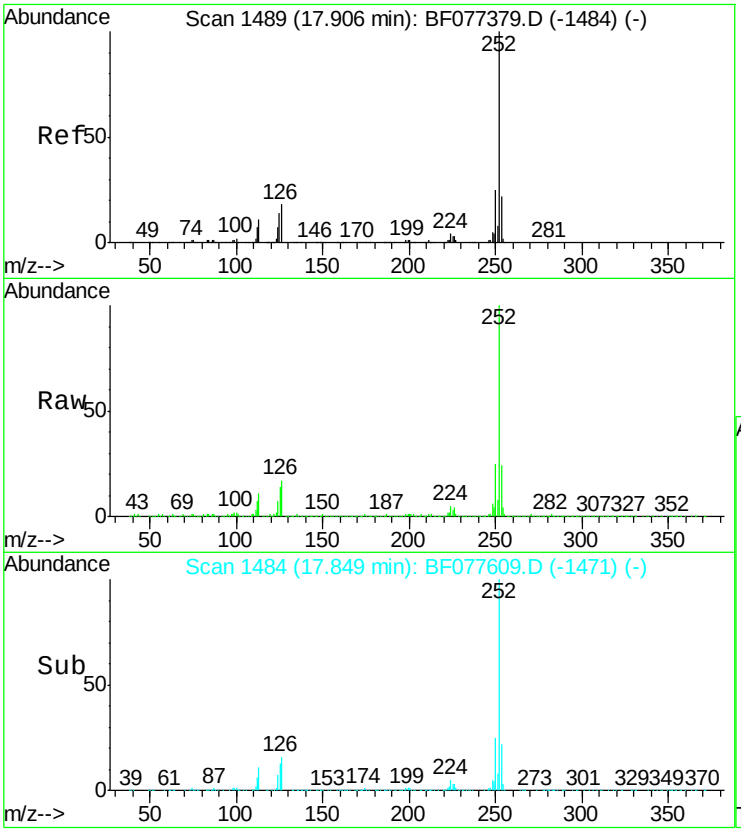


#88
Benzo(k)fluoranthene
Concen: 110.81 ng
RT: 17.47 min Scan# 1451
Delta R.T. 0.02 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion:252 Resp: 1726223

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	12.1	10.1	15.1



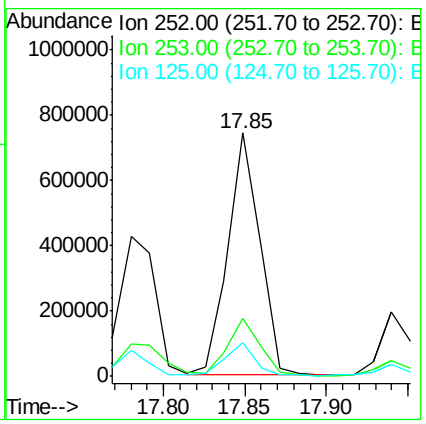


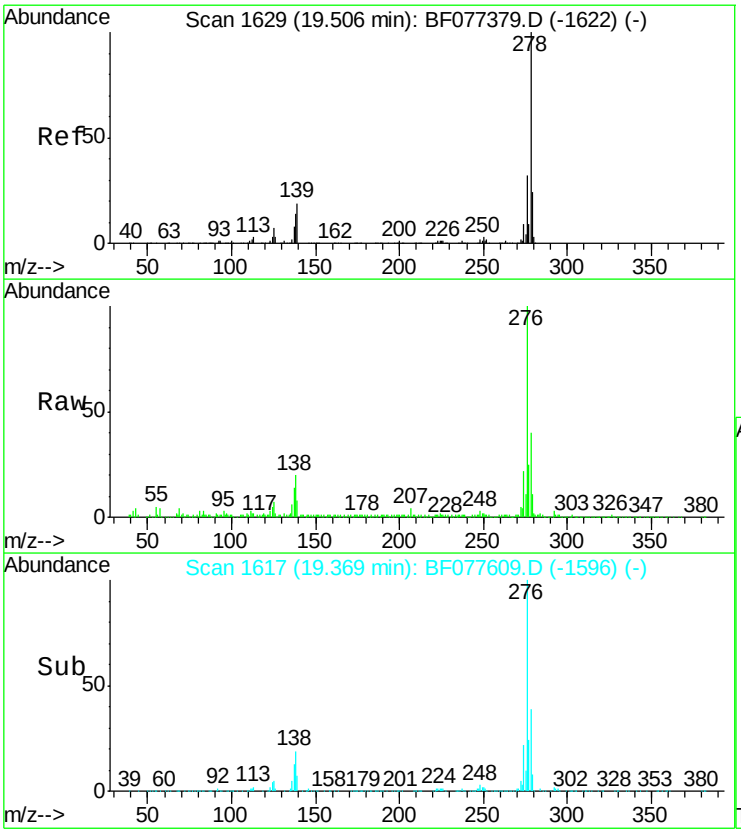
#89
Benzo(a)pyrene
Concen: 65.64 ng
RT: 17.85 min Scan# 1484
Delta R.T. 0.05 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SEP-1

Tgt Ion:252 Resp: 993752

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	13.8	8.3	12.5#

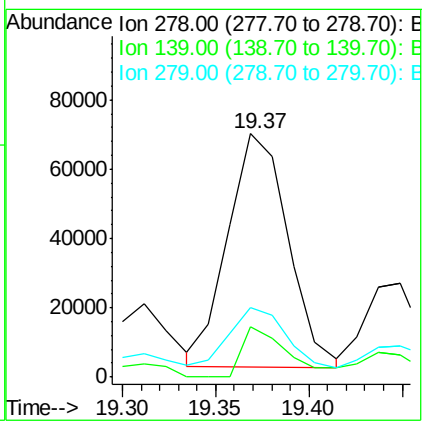


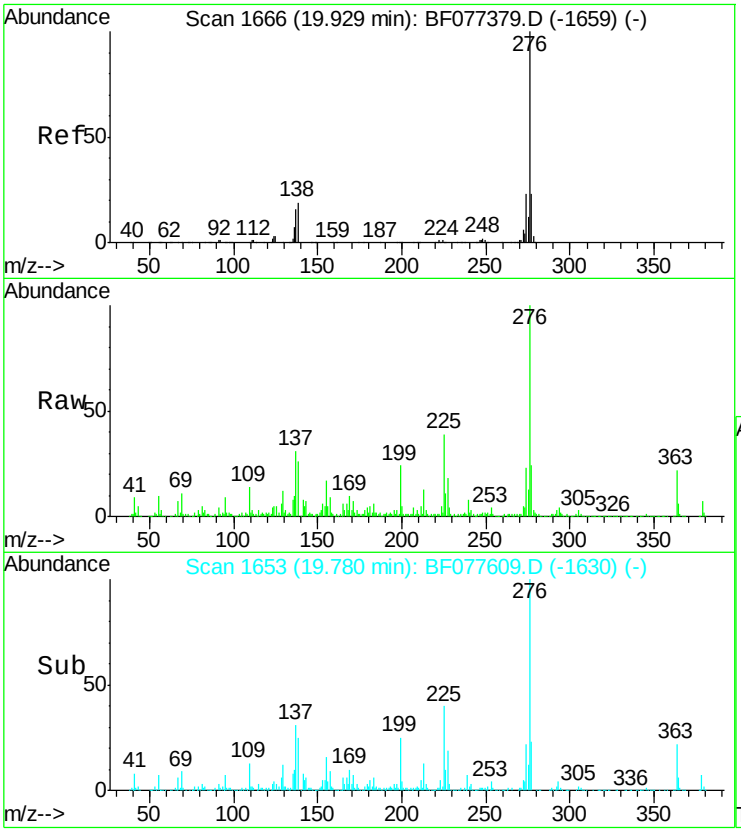


#90
Dibenzo(a,h)anthracene
Concen: 10.44 ng
RT: 19.37 min Scan# 1617
Delta R.T. 0.05 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion:278 Resp: 150749

Ion	Ratio	Lower	Upper
278	100		
139	20.5	14.3	21.5
279	28.8	19.0	28.6#





#91
Benzo(g,h,i)perylene
Concen: 38.03 ng
RT: 19.78 min Scan# 1653
Delta R.T. 0.06 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SEP-1

Tgt Ion:276 Resp: 554276

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	25.8	20.5	30.7