Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079034.D
Acq On : 8 May 2015 11:23
Operator : TP/IZ
Sample : G2130-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 08 12:48:08 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 19:07:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	54228	20.00	ng		-0.02
21) Naphthalene-d8	8.92	136	228570	20.00	ng		-0.02
38) Acenaphthene-d10	11.10	164	119082	20.00	ng		-0.03
63) Phenanthrene-d10	12.95	188	239621	20.00	ng		-0.02
75) Chrysene-d12	16.29	240	261230	20.00	ng		-0.01
86) Perylene-d12	18.19	264	289213	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	40084	12.72	ng		-0.02
7) Phenol-d6	6.90	99	57154	13.73	ng		-0.02
23) Nitrobenzene-d5	8.03	82	29800	7.49	ng		-0.03
41) 2,4,6-Tribromophenol	12.08	330	14849	11.53	ng		-0.03
44) 2-Fluorobiphenyl	10.26	172	68434	8.01	ng		-0.03
78) Terphenyl-d14	14.95	244	80708	7.40	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.95	128	25191	2.31	ng		99
48) Acenaphthylene	10.92	152	24810	2.05	ng		99
51) Acenaphthene	11.13	154	31324	4.33	ng		96
54) Dibenzofuran	11.35	168	37220	3.56	ng		98
57) Fluorene	11.78	166	36708	4.28	ng		97
70) Phenanthrene	12.97	178	620218	46.27	ng		100
71) Anthracene	13.04	178	167781	12.76	ng		98
72) Carbazole	13.25	167	49419	3.94	ng		99
74) Fluoranthene	14.46	202	852073	61.00	ng		99
77) Pyrene	14.74	202	781538	51.92	ng		99
80) Benzo(a)anthracene	16.27	228	419981	29.36	ng		98
82) Chrysene	16.32	228	336112	24.43	ng		97
85) Indeno(1,2,3-cd)pyrene	19.55	276	44049	2.51	ng	#	100
87) Benzo(b)fluoranthene	17.69	252	592416	37.42	ng		96
88) Benzo(k)fluoranthene	17.69	252	538164	35.12	ng		97
89) Benzo(a)pyrene	18.11	252	338291	23.21	ng	#	93
90) Dibenzo(a,h)anthracene	19.75	278	44808	2.89	ng	#	91
91) Benzo(g,h,i)perylene	20.17	276	187879	12.10	ng		97

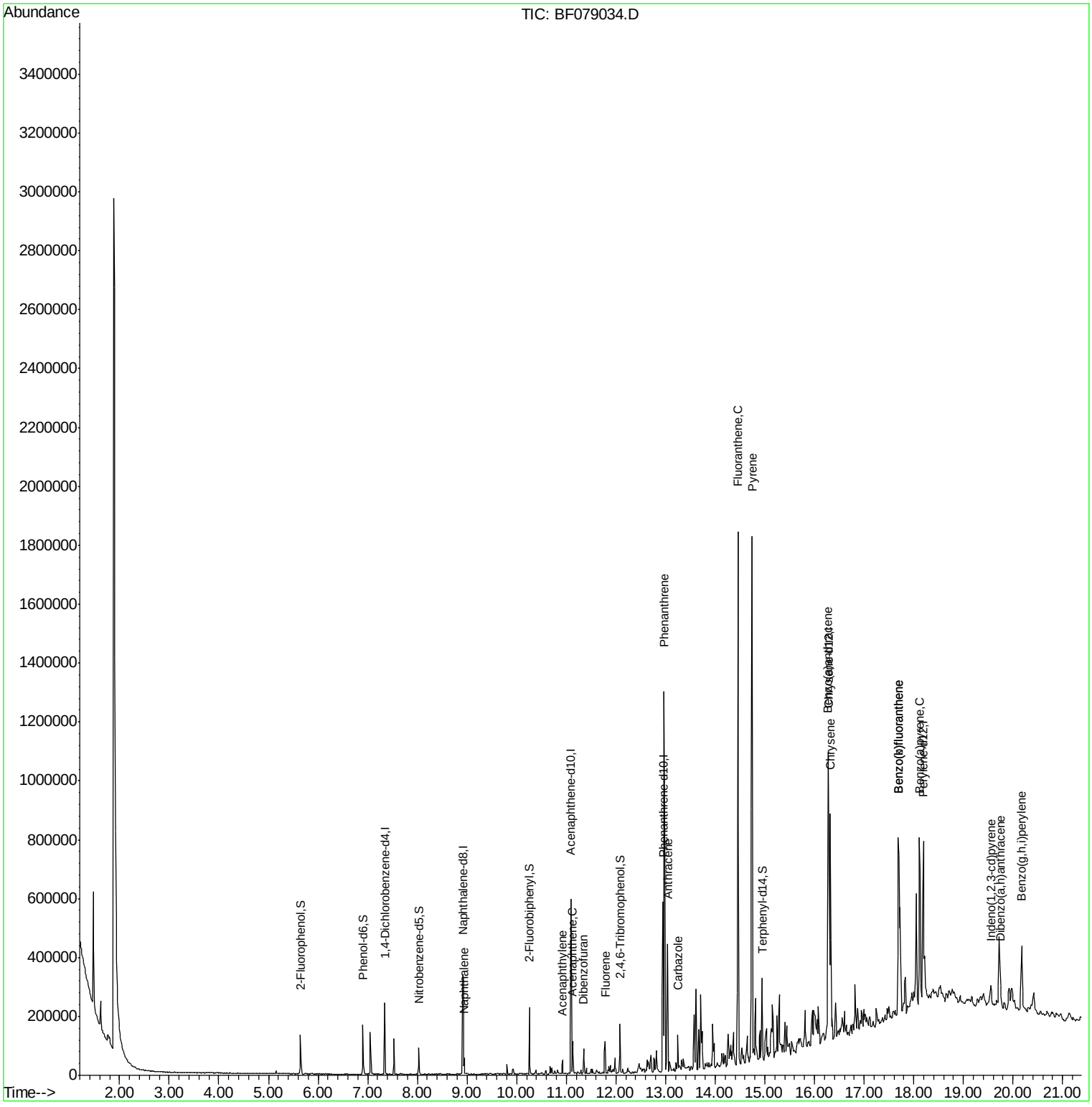
(#) = qualifier out of range (m) = manual integration (+) = signals summed

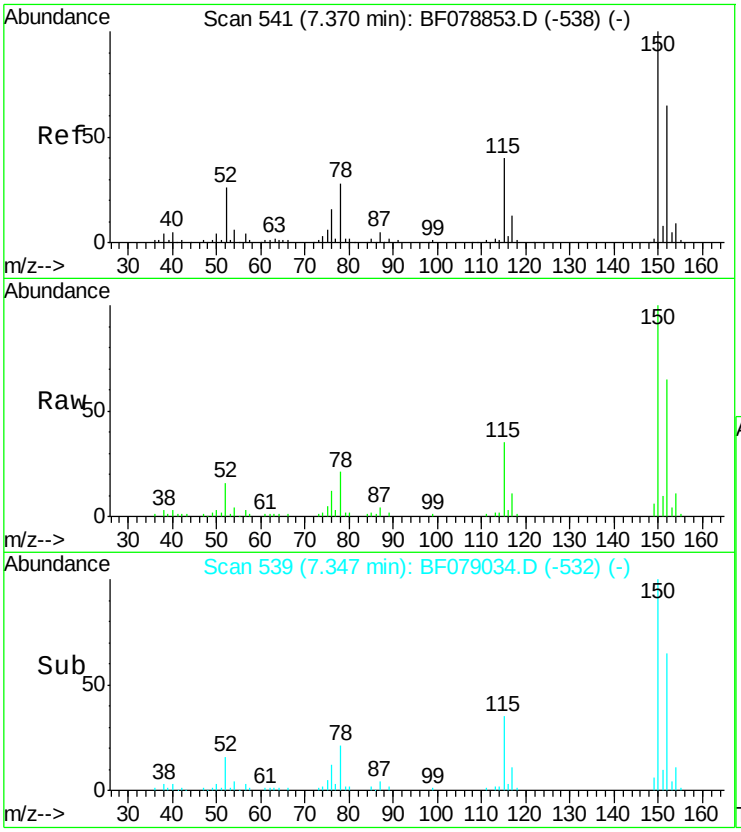
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079034.D
Acq On : 8 May 2015 11:23
Operator : TP/IZ
Sample : G2130-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 08 12:48:08 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 19:07:47 2015
Response via : Initial Calibration



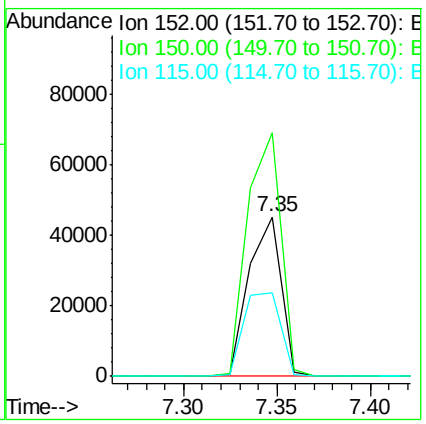


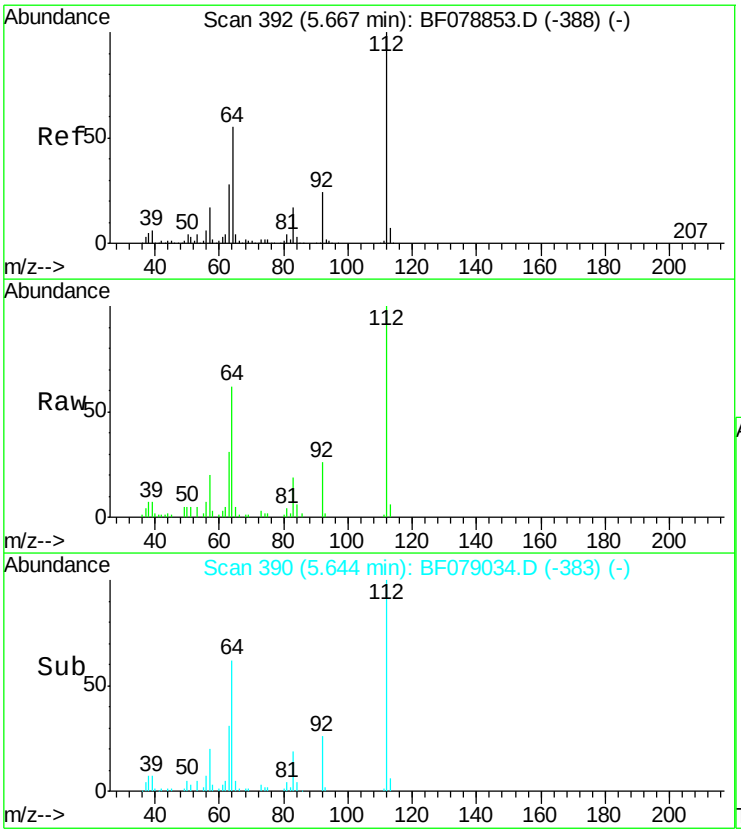
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 54228

Ion	Ratio	Lower	Upper
152	100		
150	152.7	122.0	183.0
115	52.8	46.3	69.5

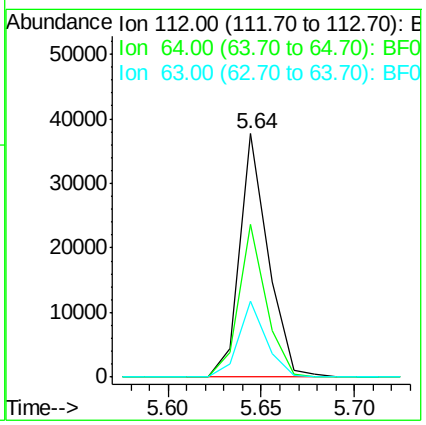


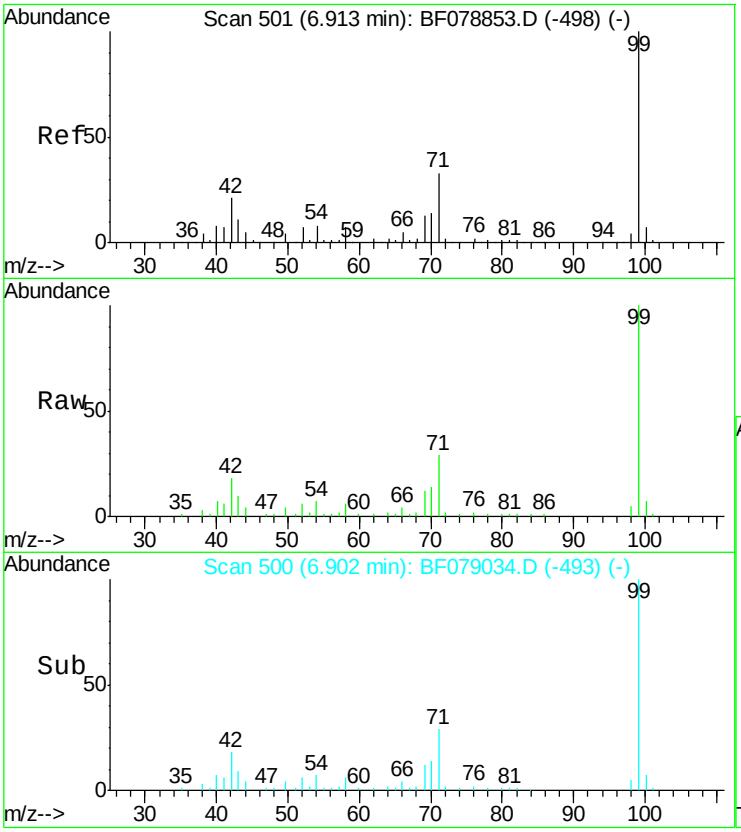


#5
2-Fluorophenol
Concen: 12.72 ng
RT: 5.64 min Scan# 390
Delta R.T. -0.02 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Tgt Ion:112 Resp: 40084

Ion	Ratio	Lower	Upper
112	100		
64	62.5	53.5	80.3
63	31.1	27.5	41.3



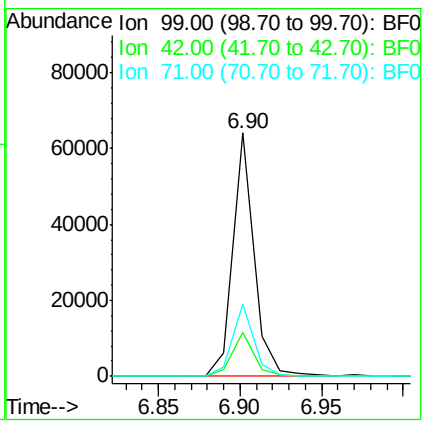


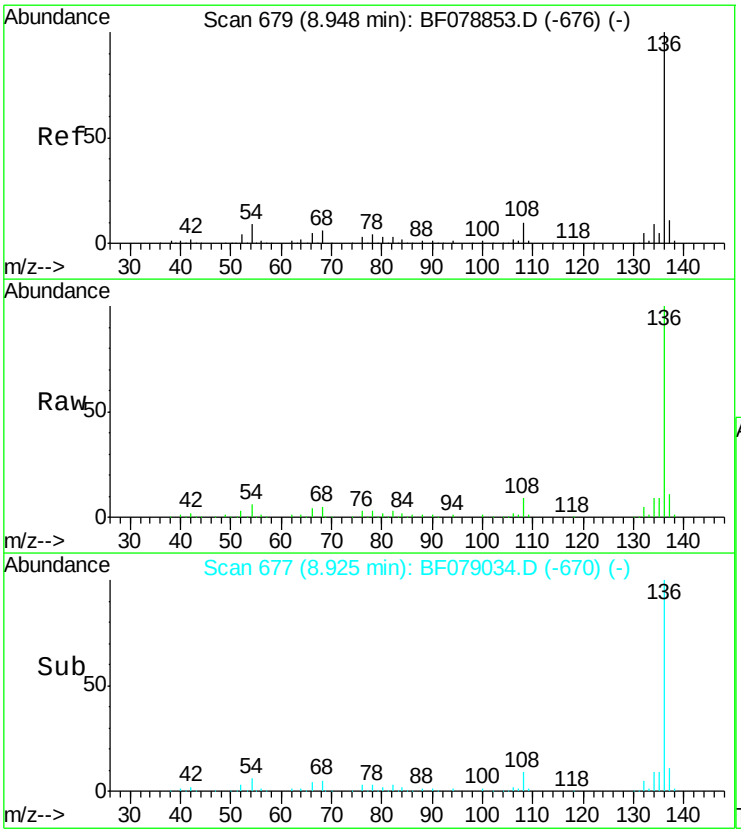
#7
Phenol-d6
Concen: 13.73 ng
RT: 6.90 min Scan# 500
Delta R.T. -0.02 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 57154

Ion	Ratio	Lower	Upper
99	100		
42	18.1	12.8	19.2
71	29.5	23.4	35.2

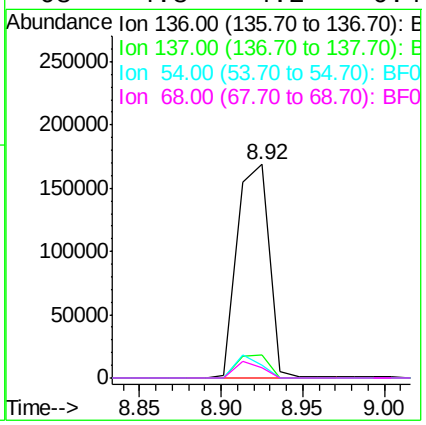


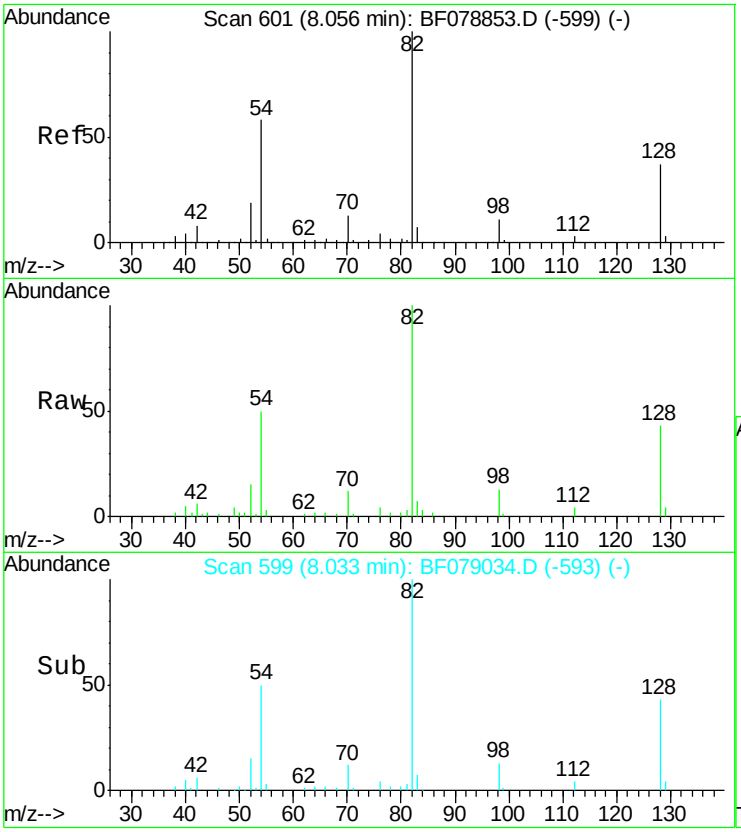


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.92 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Tgt Ion:136 Resp: 228570

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	5.8	5.8	8.8#
68	4.8	4.2	6.4



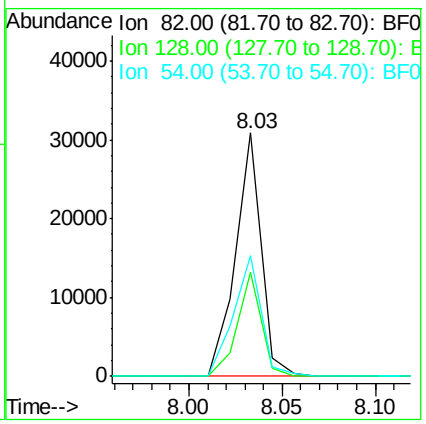


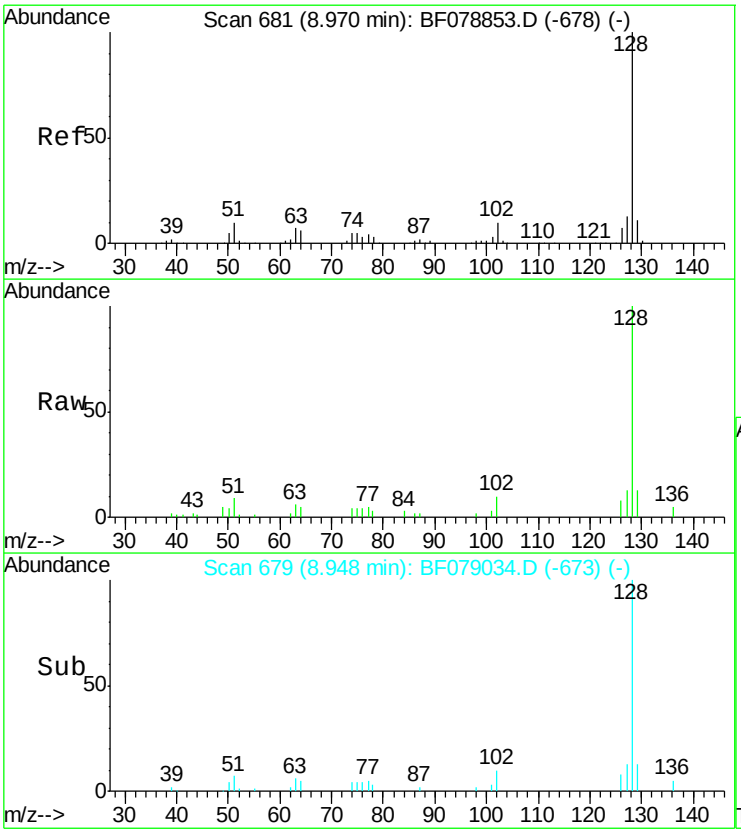
#23
Nitrobenzene-d5
Concen: 7.49 ng
RT: 8.03 min Scan# 599
Delta R.T. -0.03 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 29800

Ion	Ratio	Lower	Upper
82	100		
128	42.7	30.0	45.0
54	49.8	46.4	69.6

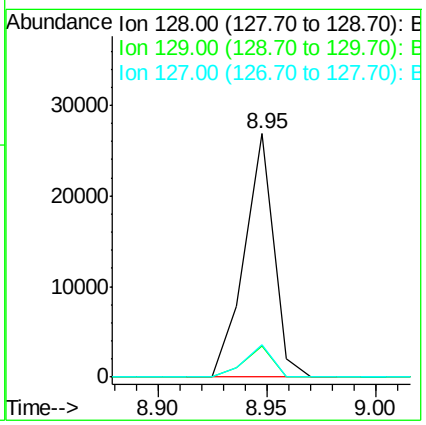


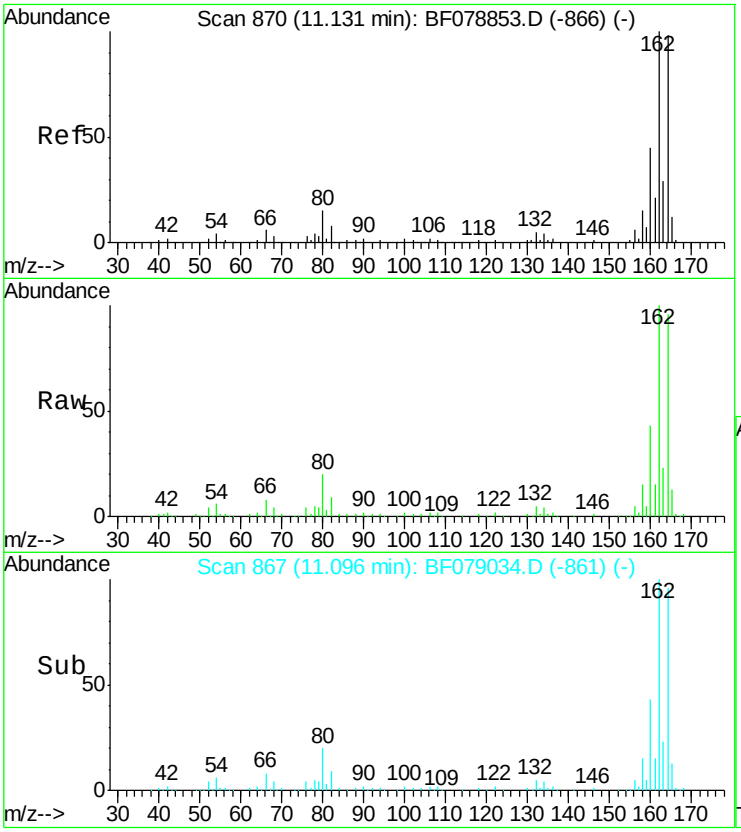


#31
Naphthalene
Concen: 2.31 ng
RT: 8.95 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Tgt Ion:128 Resp: 25191

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.3	13.9
127	13.3	10.7	16.1



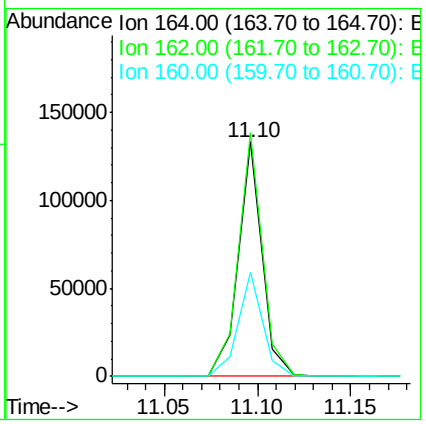


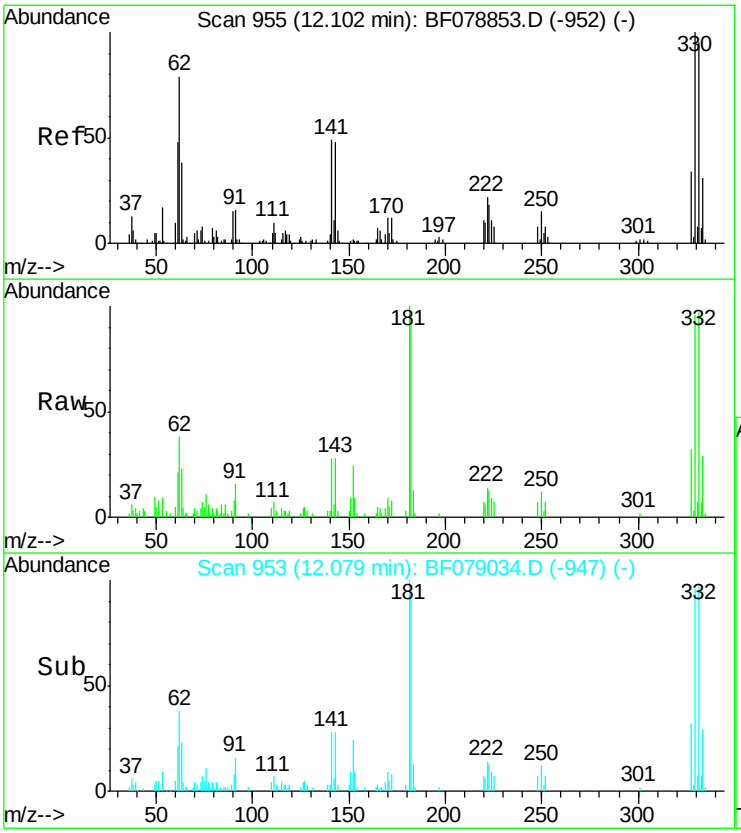
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.03 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 119082

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.7	124.1
160	44.4	35.8	53.8

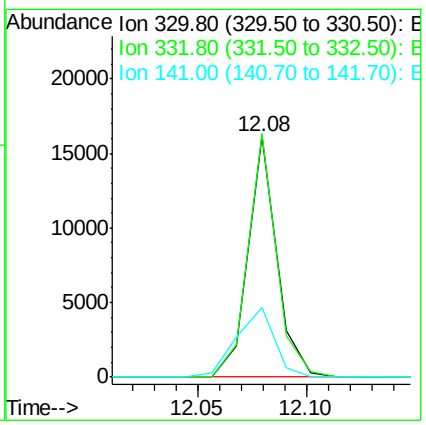


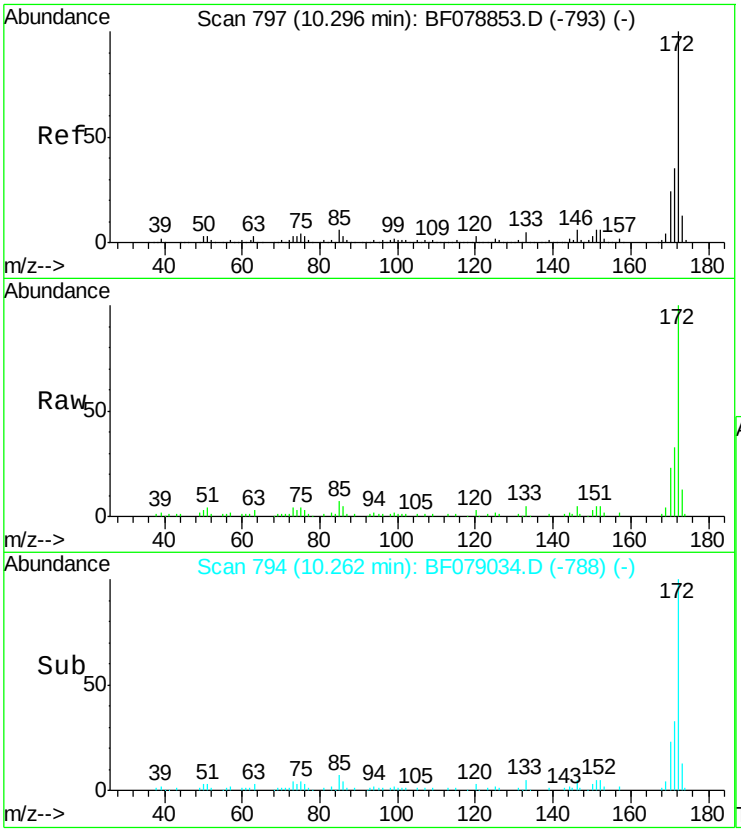


#41
2,4,6-Tribromophenol
Concen: 11.53 ng
RT: 12.08 min Scan# 953
Delta R.T. -0.03 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Tgt Ion:330 Resp: 14849

Ion	Ratio	Lower	Upper
330	100		
332	99.7	0.0	0.0#
141	38.2	0.0	0.0#



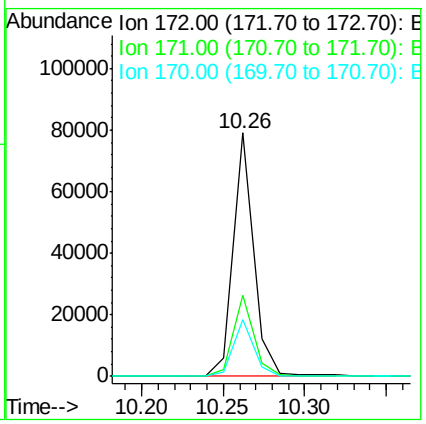


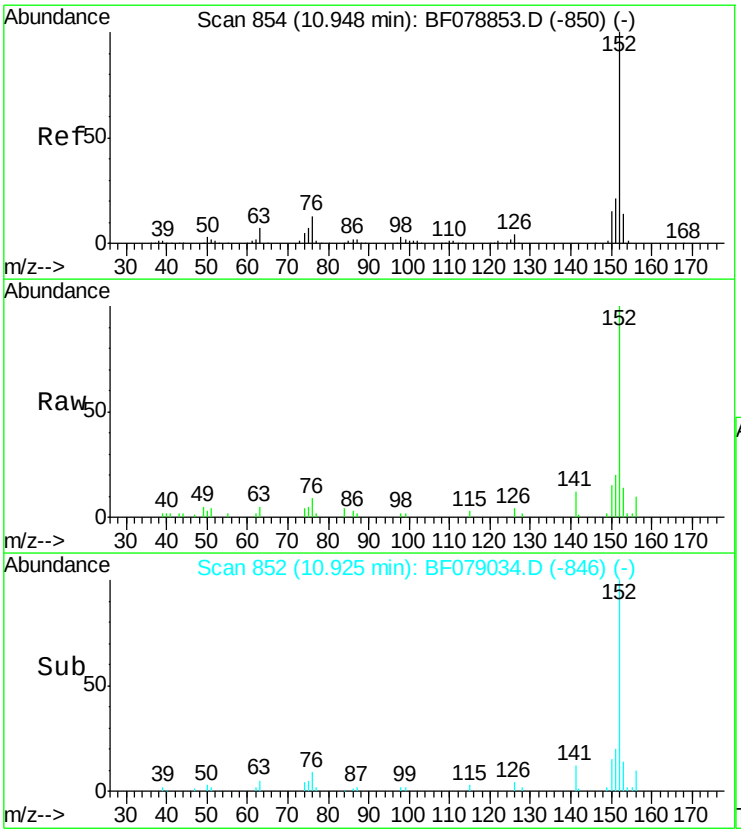
#44
2-Fluorobiphenyl
Concen: 8.01 ng
RT: 10.26 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 68434

Ion	Ratio	Lower	Upper
172	100		
171	33.3	27.9	41.9
170	23.5	19.4	29.0

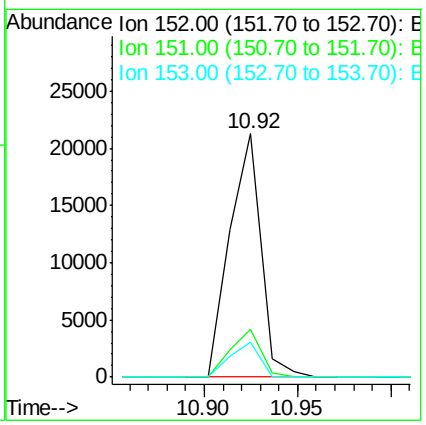


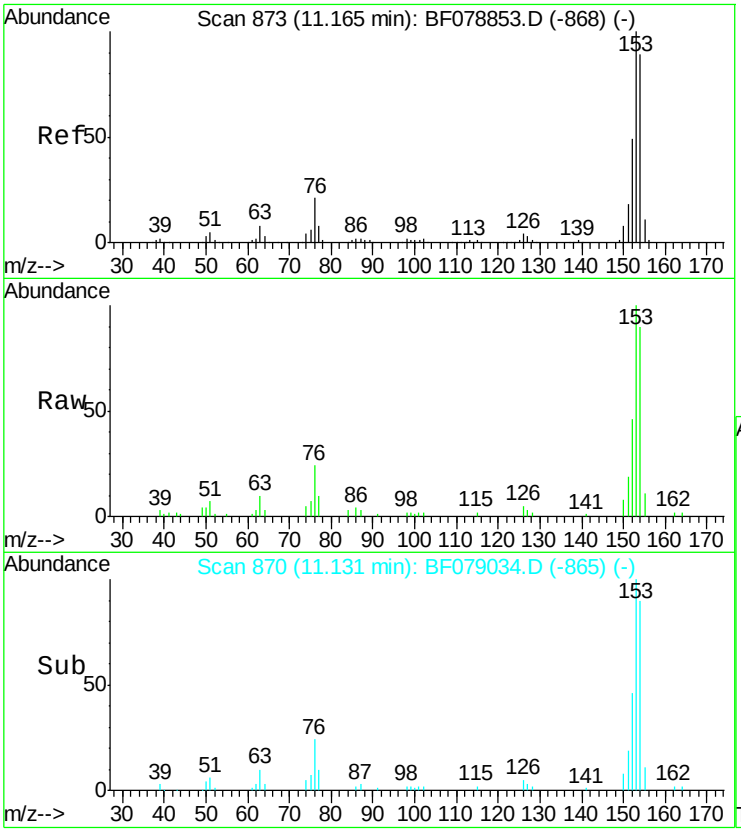


#48
Acenaphthylene
Concen: 2.05 ng
RT: 10.92 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Tgt Ion:152 Resp: 24810

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	14.2	10.9	16.3



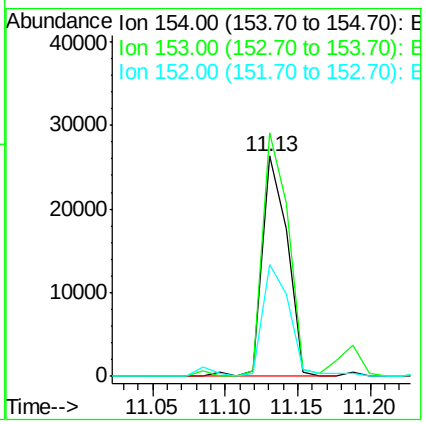


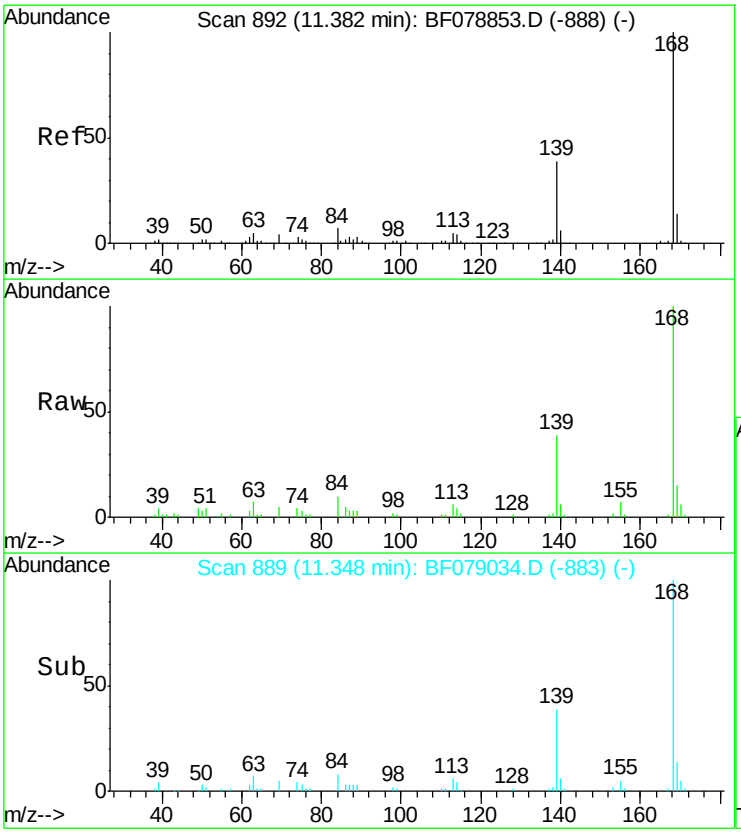
#51
Acenaphthene
Concen: 4.33 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.05 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 31324

Ion	Ratio	Lower	Upper
154	100		
153	110.7	91.5	137.3
152	50.8	44.2	66.4

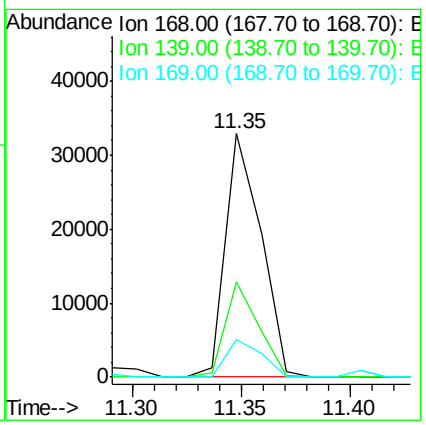


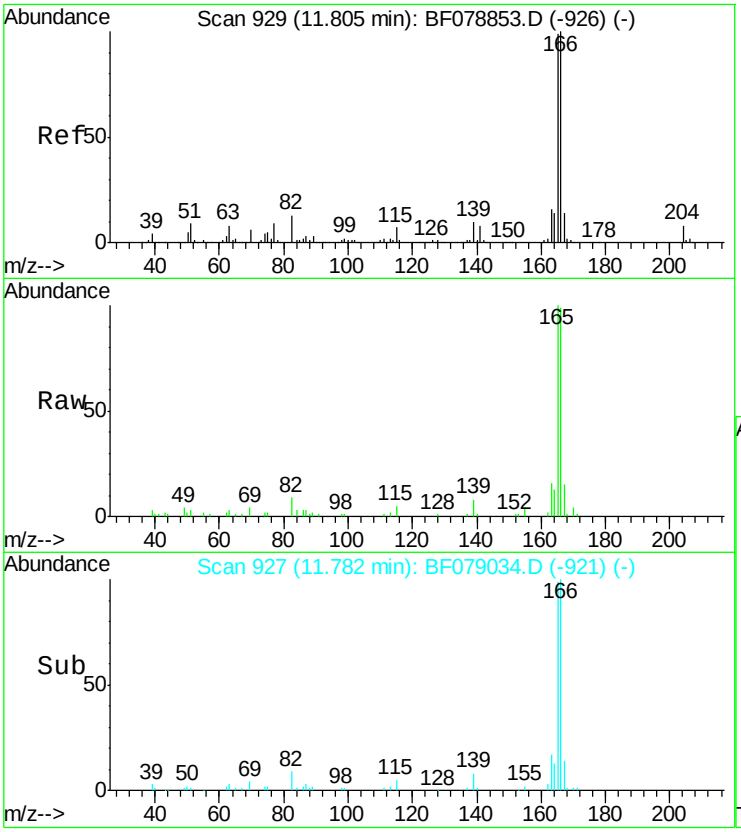


#54
Dibenzofuran
Concen: 3.56 ng
RT: 11.35 min Scan# 889
Delta R.T. -0.03 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Tgt Ion:168 Resp: 37220

Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.0	46.4
169	15.2	10.6	16.0



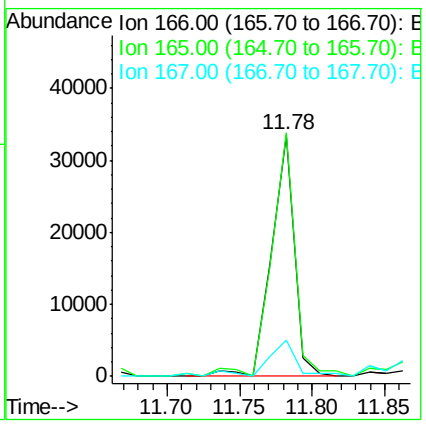


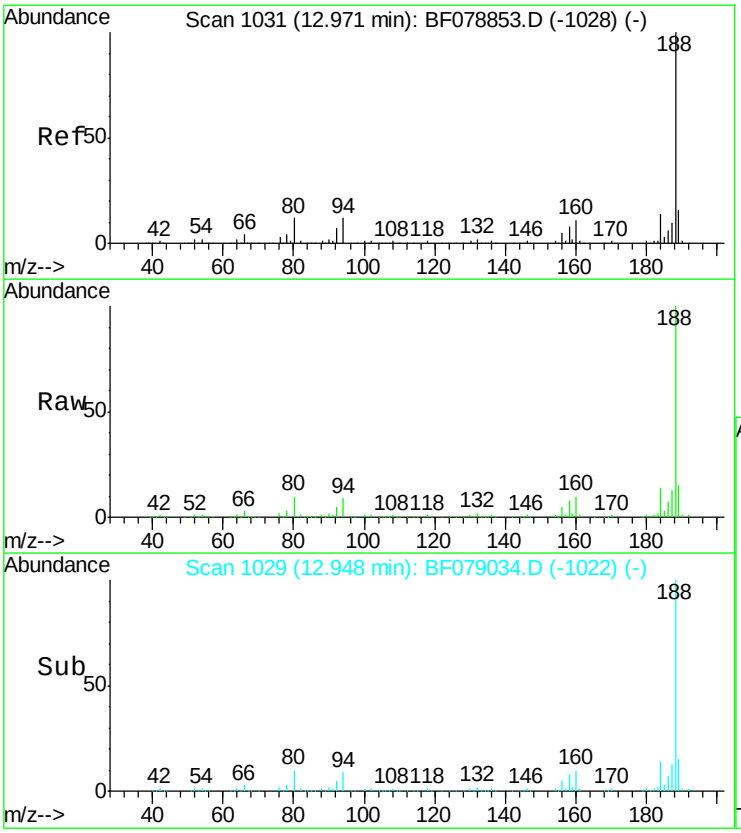
#57
Fluorene
Concen: 4.28 ng
RT: 11.78 min Scan# 927
Delta R.T. -0.03 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 36708

Ion	Ratio	Lower	Upper
166	100		
165	100.9	78.5	117.7
167	15.0	11.0	16.6

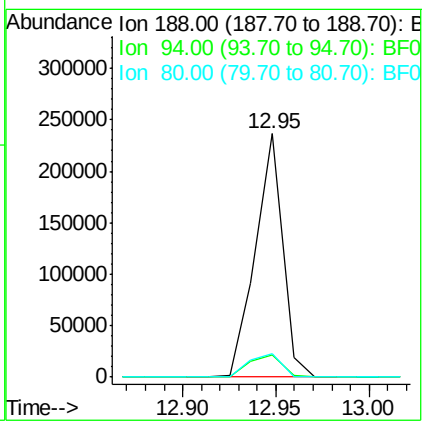


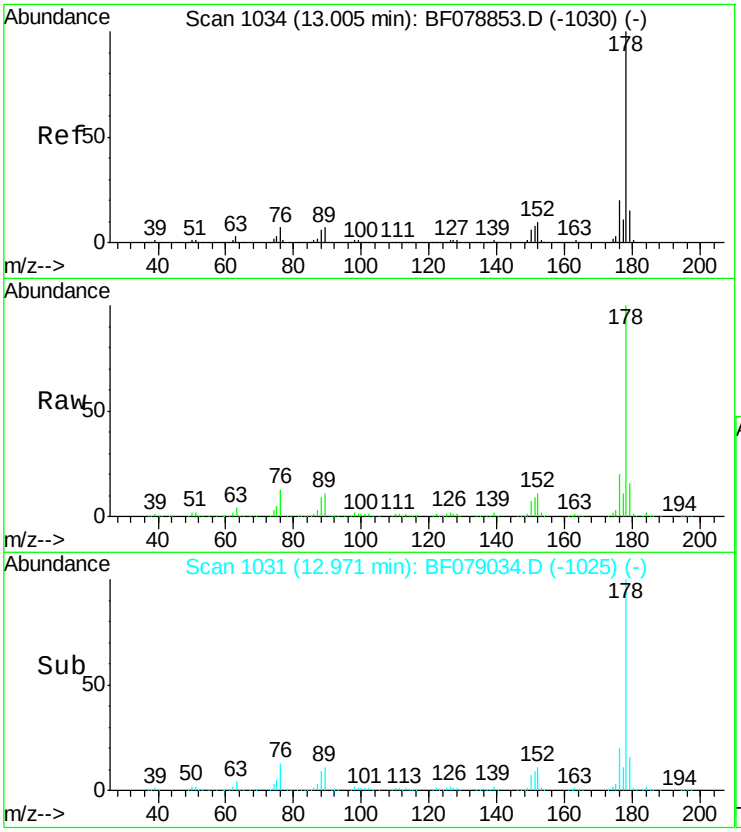


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Tgt Ion:188 Resp: 239621

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.7	8.9	13.3



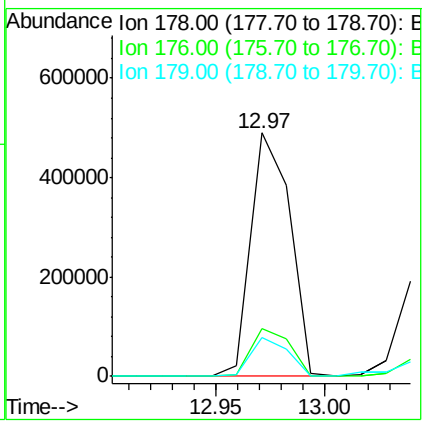


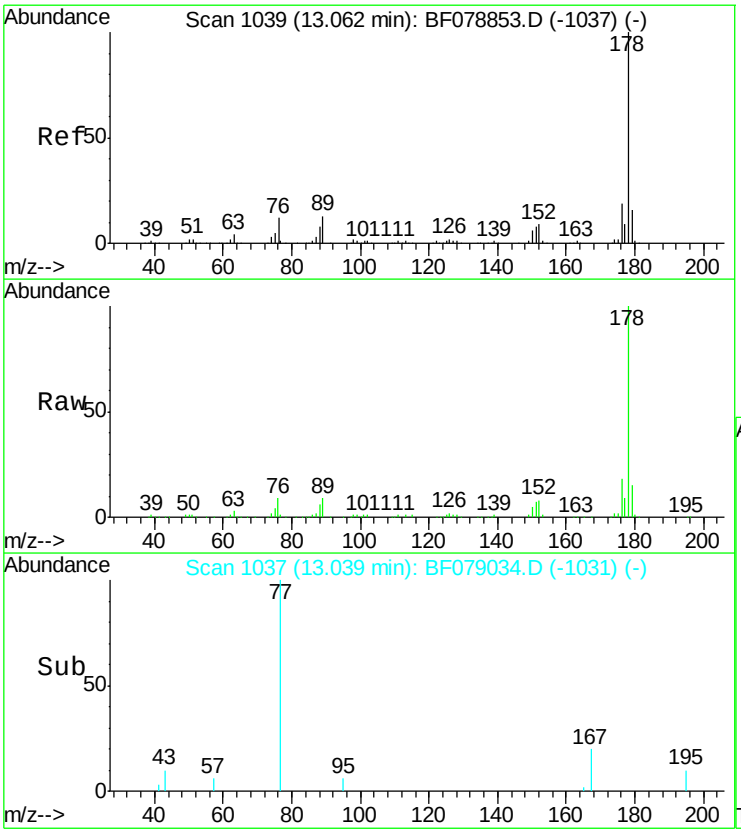
#70
Phenanthrene
Concen: 46.27 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 620218

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.0	12.5	18.7

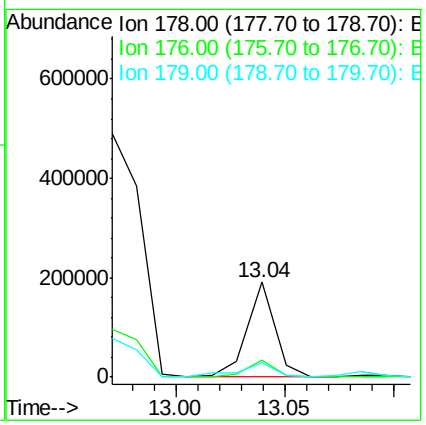


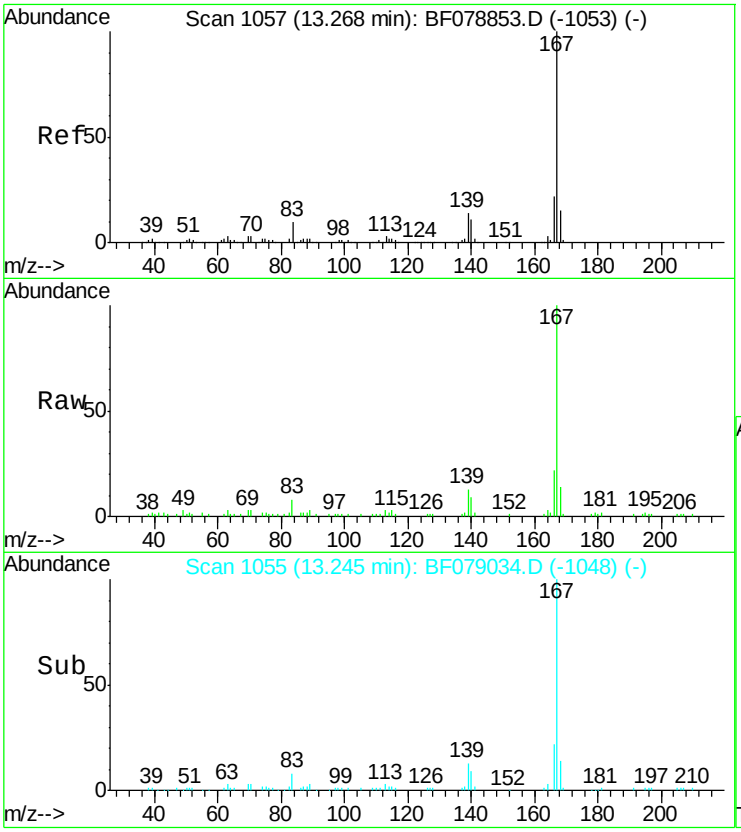


#71
Anthracene
Concen: 12.76 ng
RT: 13.04 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Tgt Ion:178 Resp: 167781

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.5	23.3
179	15.4	12.7	19.1



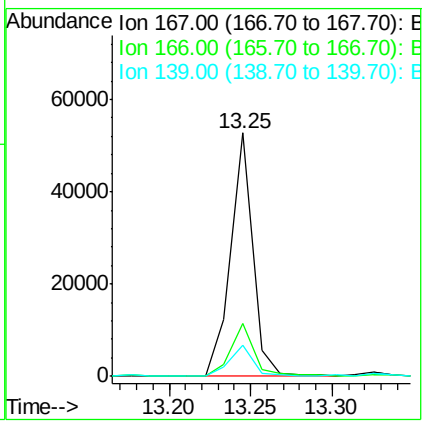


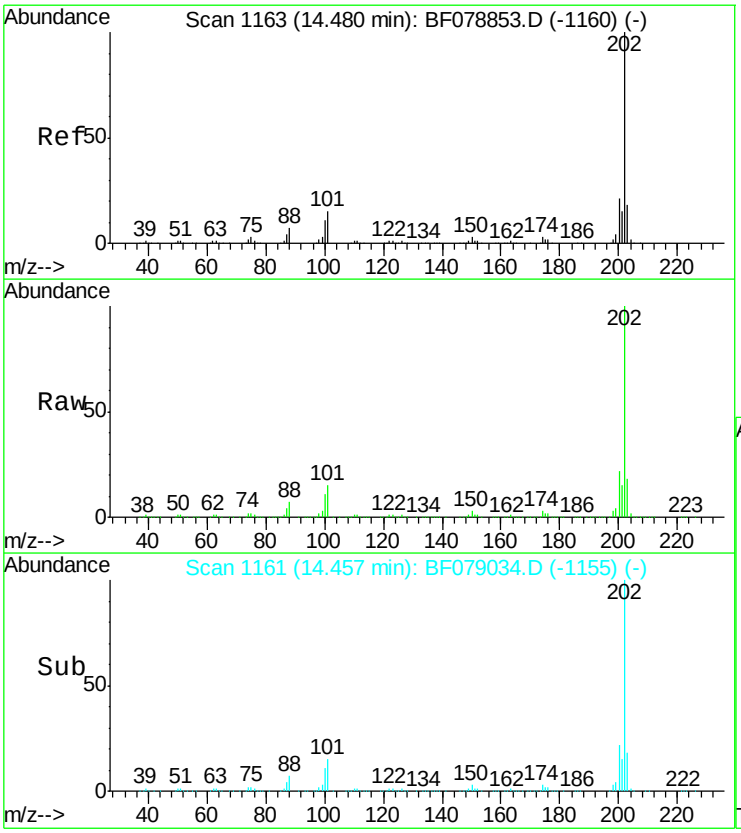
#72
Carbazole
Concen: 3.94 ng
RT: 13.25 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 49419

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	12.6	10.6	16.0

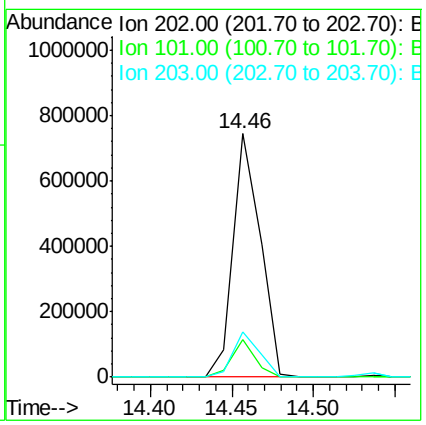


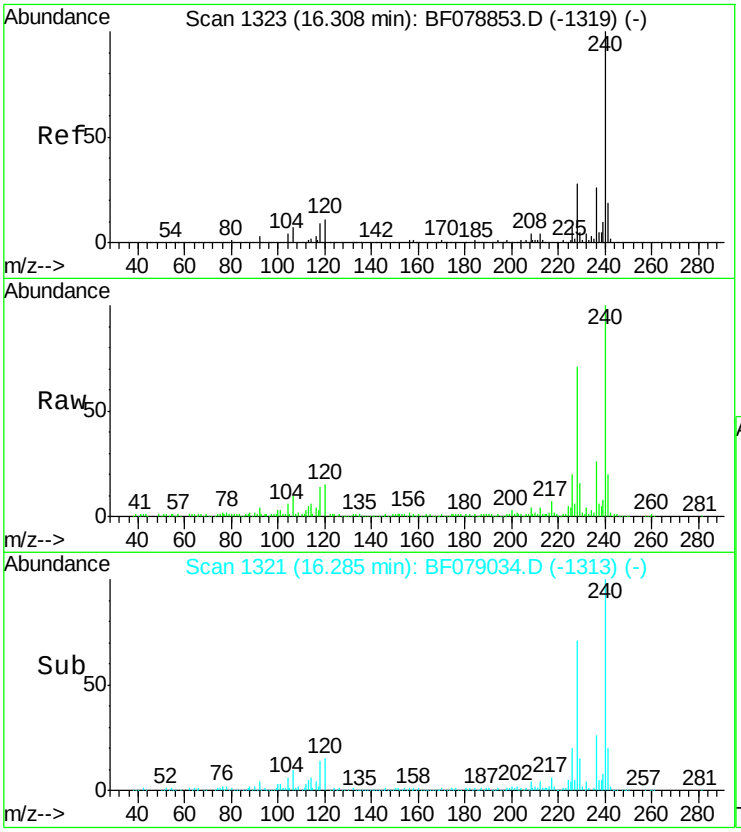


#74
Fluoranthene
Concen: 61.00 ng
RT: 14.46 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Tgt Ion:202 Resp: 852073

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	34.6
203	18.4	0.0	38.4



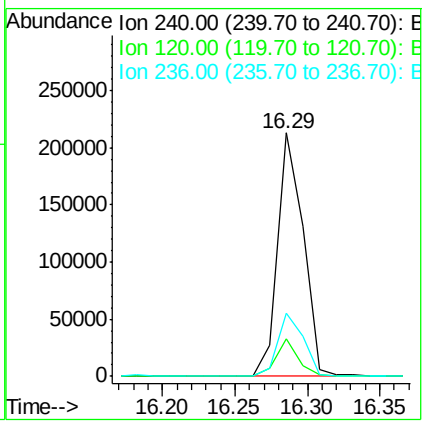


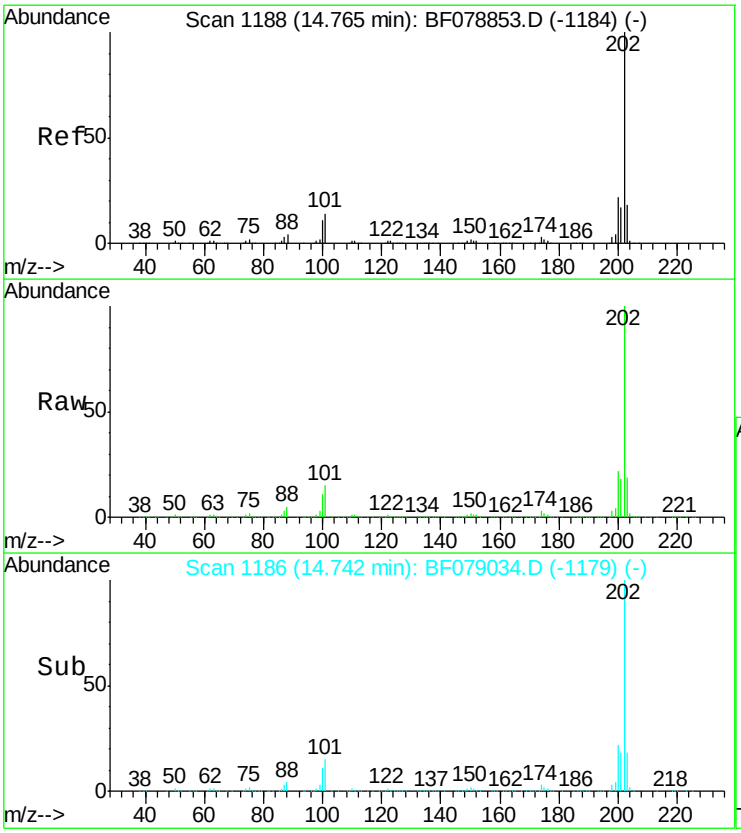
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 261230

Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.7	14.5#
236	26.0	20.2	30.4

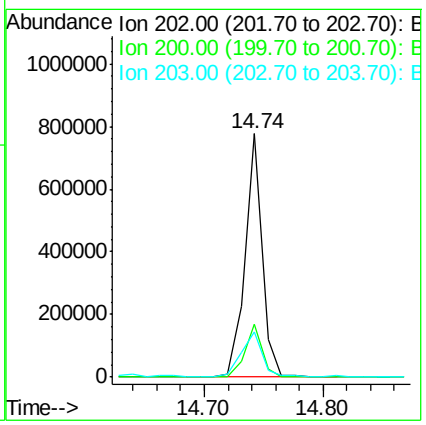


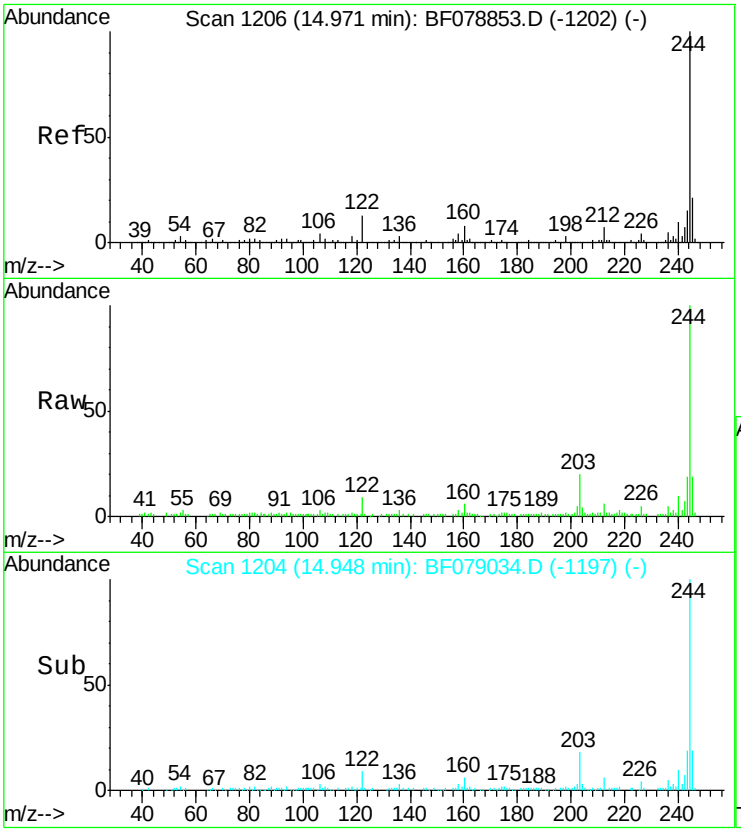


#77
Pyrene
Concen: 51.92 ng
RT: 14.74 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Tgt Ion:202 Resp: 781538

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.5	26.3
203	18.7	13.9	20.9



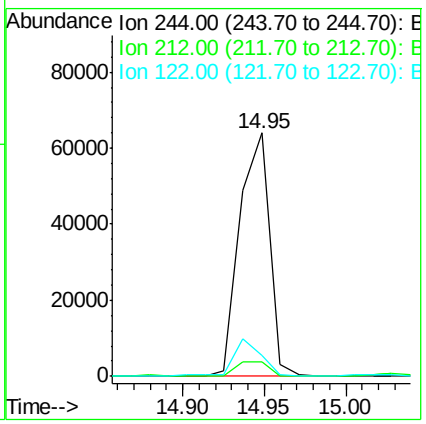


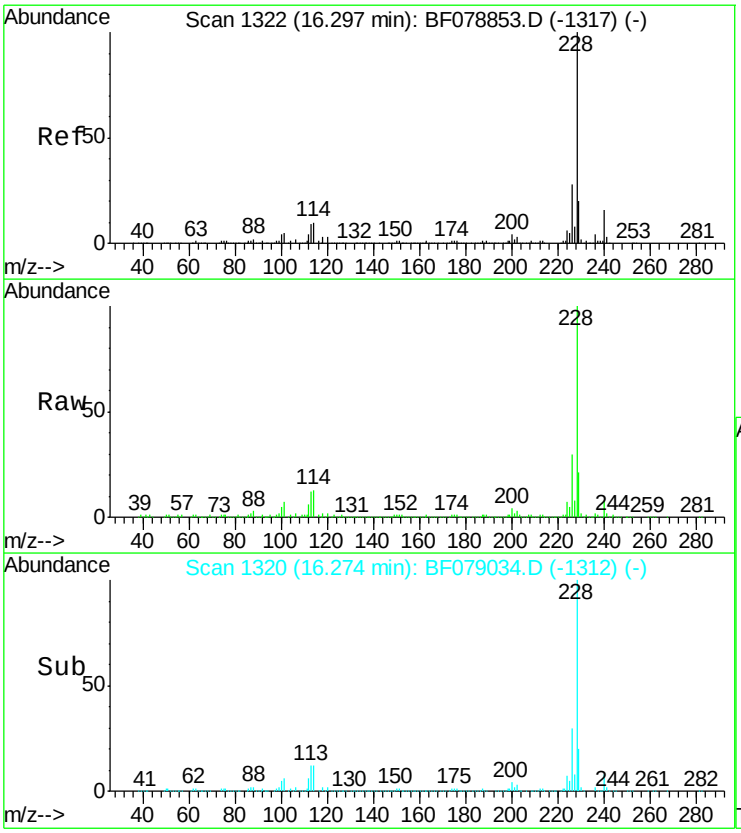
#78
Terphenyl-d14
Concen: 7.40 ng
RT: 14.95 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 80708

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.6	8.4
122	8.7	10.3	15.5#

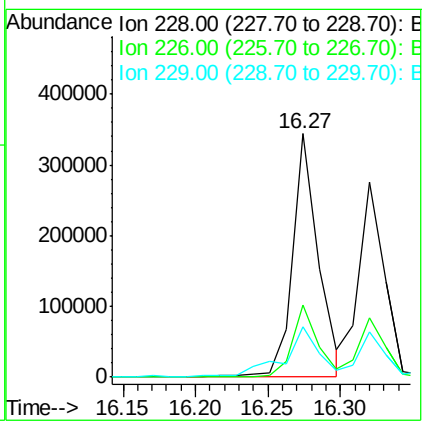


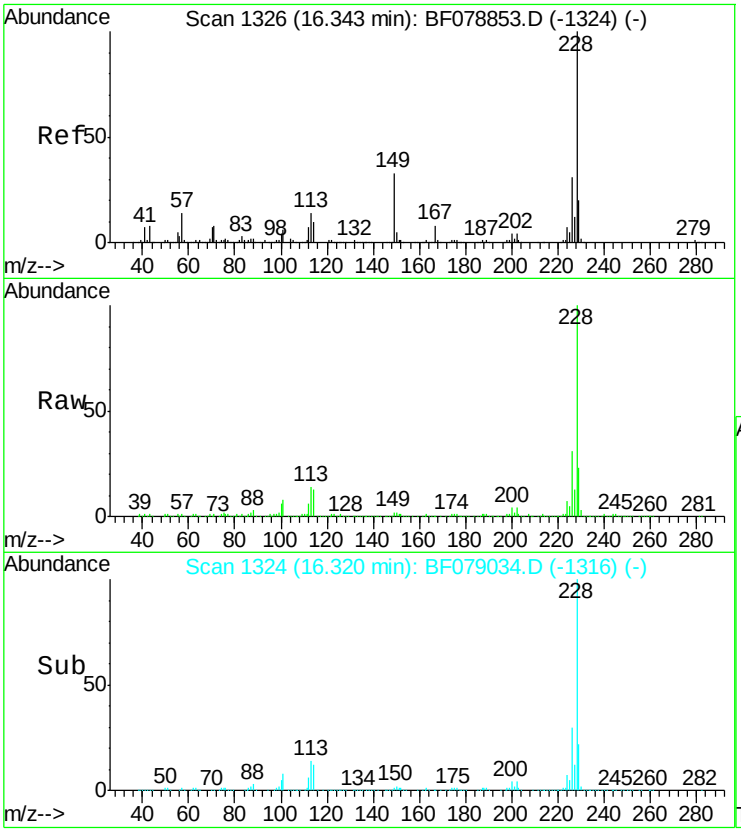


#80
Benzo(a)anthracene
Concen: 29.36 ng
RT: 16.27 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Tgt Ion:228 Resp: 419981

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	20.6	15.9	23.9



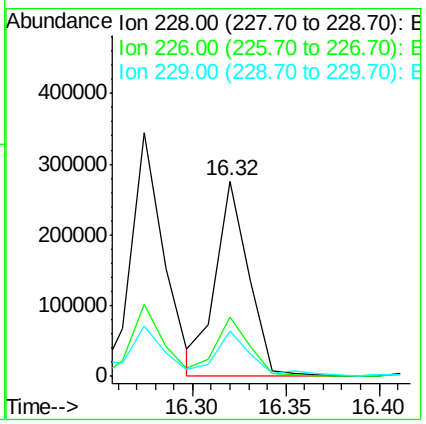


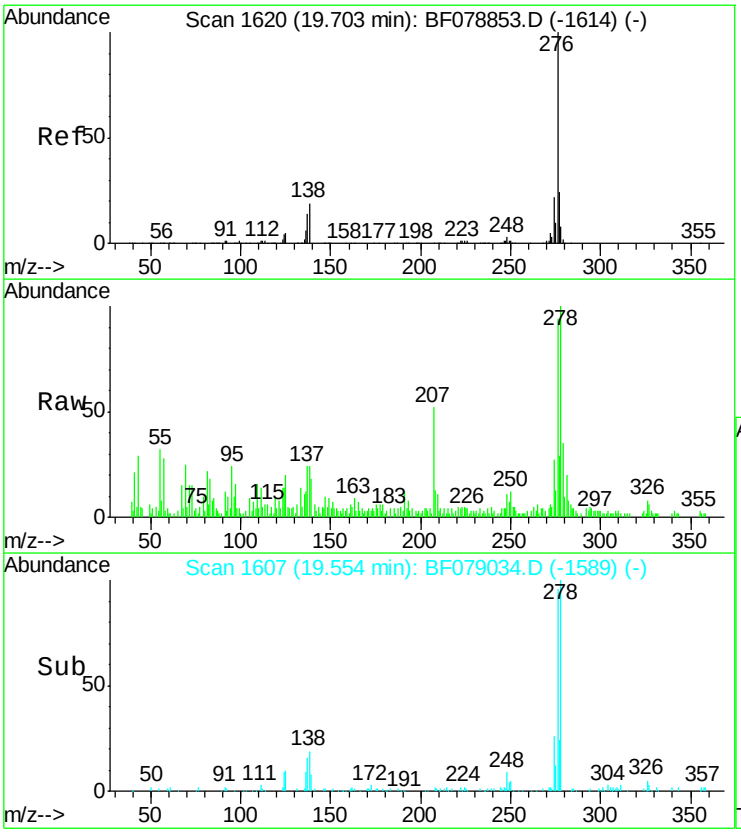
#82
Chrysene
Concen: 24.43 ng
RT: 16.32 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 336112

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	23.3	16.0	24.0

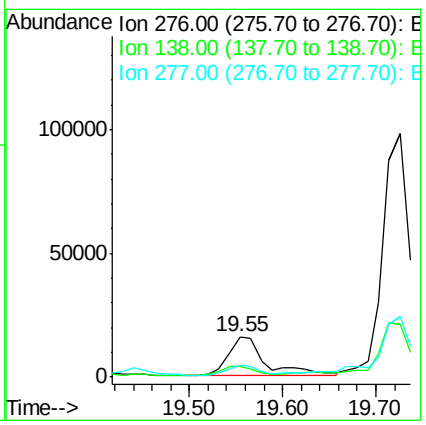


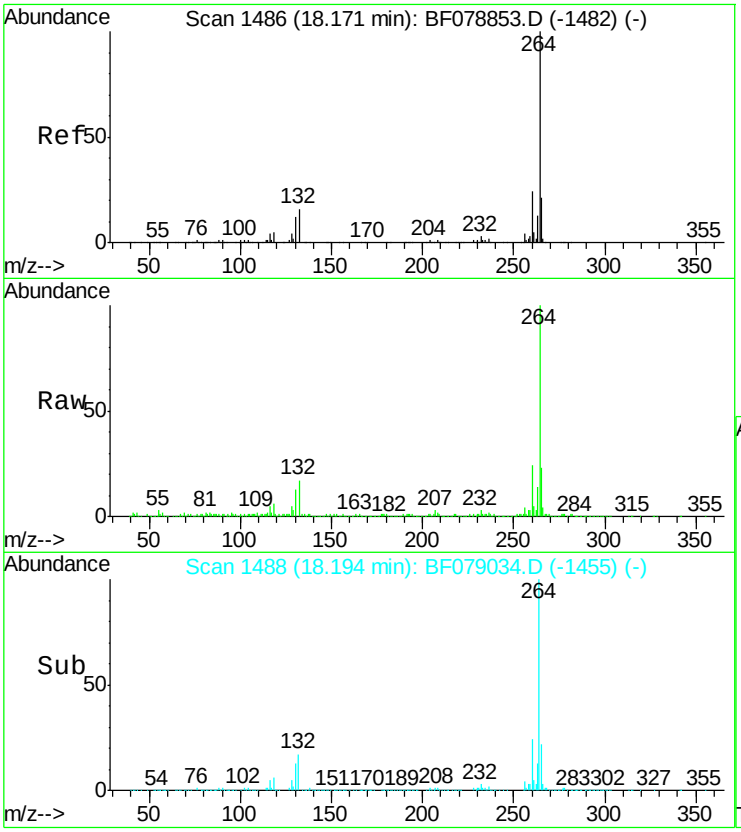


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.51 ng
RT: 19.55 min Scan# 1607
Delta R.T. -0.09 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Tgt Ion:276 Resp: 44049

Ion	Ratio	Lower	Upper
276	100		
138	19.2	0.0	0.0#
277	21.8	0.0	0.0#



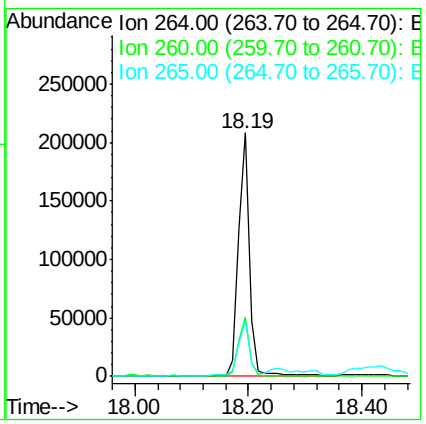


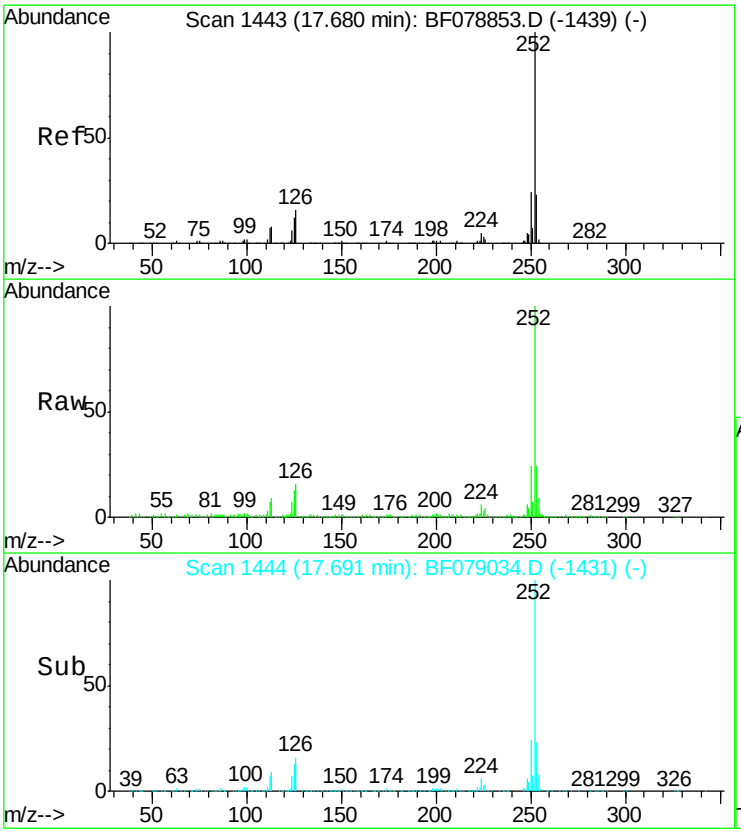
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.19 min Scan# 1488
Delta R.T. 0.08 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 289213

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.7	18.3	27.5

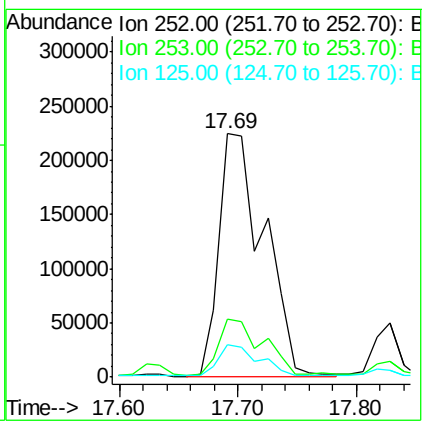


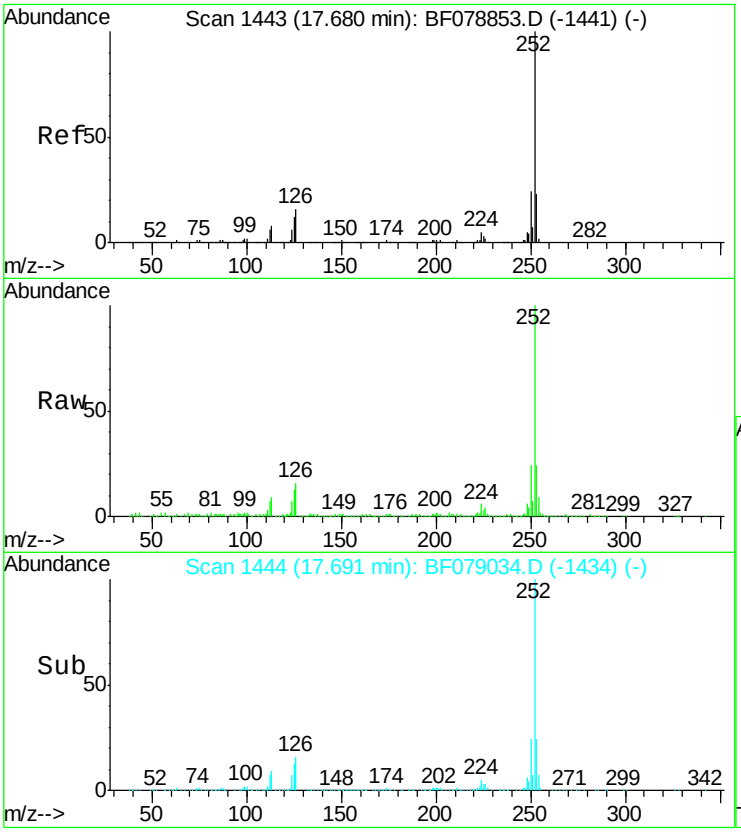


#87
Benzo(b)fluoranthene
Concen: 37.42 ng
RT: 17.69 min Scan# 1444
Delta R.T. 0.05 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Tgt Ion:252 Resp: 592416

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	13.4	9.5	14.3



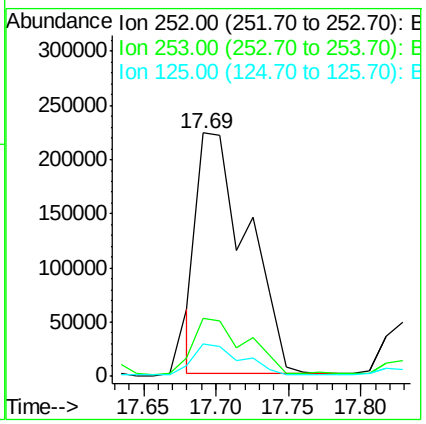


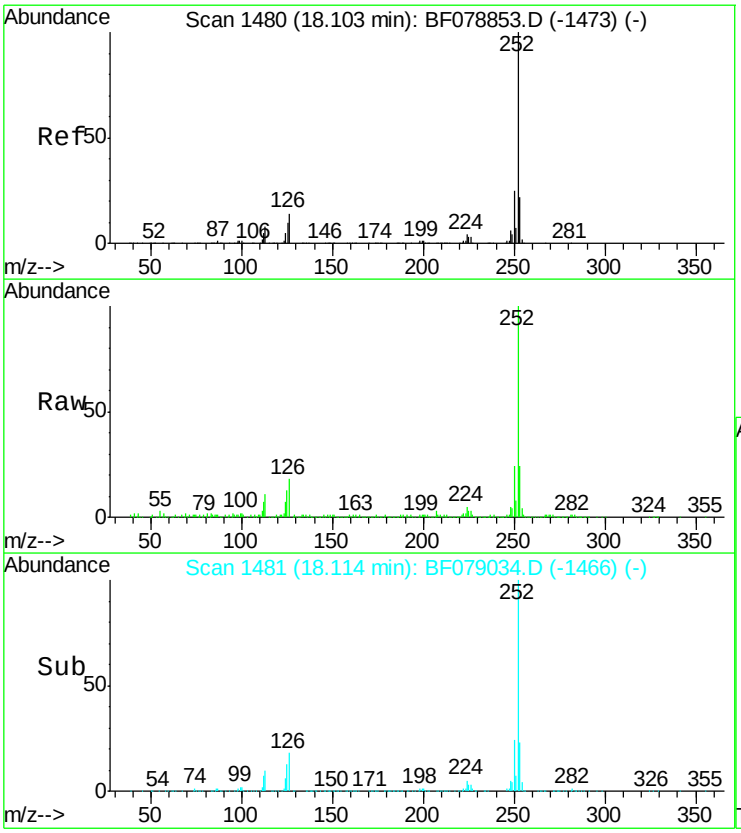
#88
Benzo(k)fluoranthene
Concen: 35.12 ng
RT: 17.69 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 538164

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	13.4	10.0	15.0

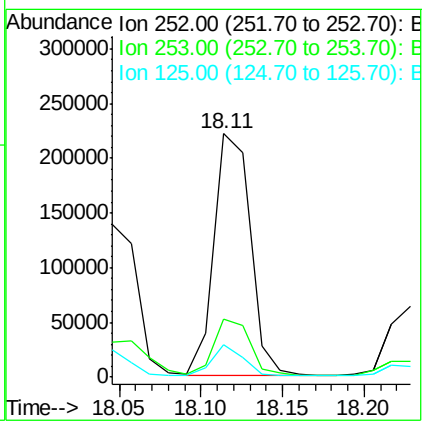


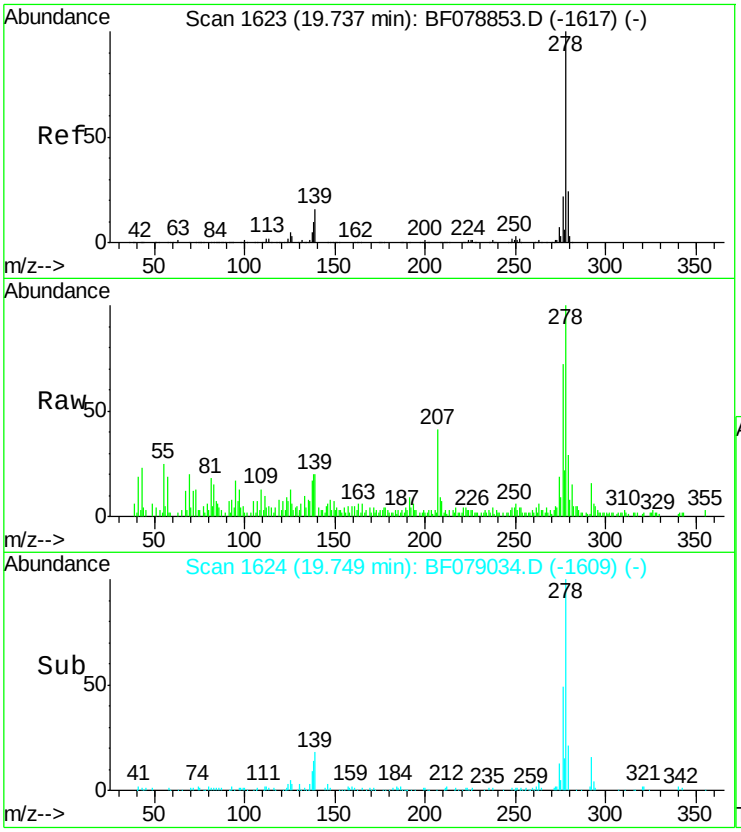


#89
Benzo(a)pyrene
Concen: 23.21 ng
RT: 18.11 min Scan# 1481
Delta R.T. 0.07 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Tgt Ion:252 Resp: 338291

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	13.5	7.0	10.6#



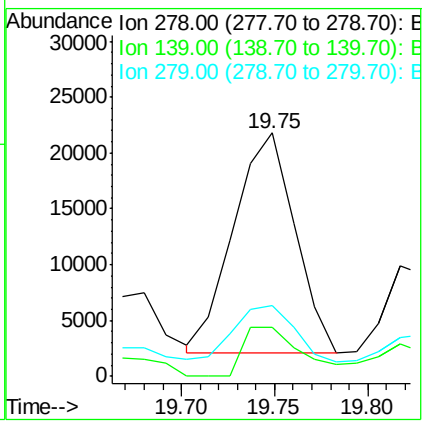


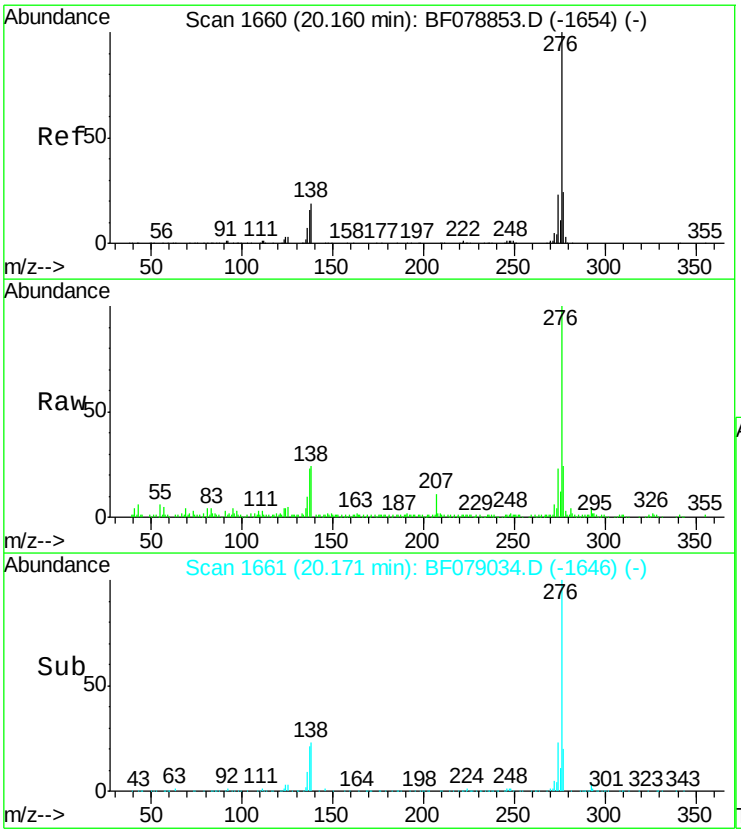
#90
Dibenzo(a,h)anthracene
Concen: 2.89 ng
RT: 19.75 min Scan# 1624
Delta R.T. 0.07 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 44808

Ion	Ratio	Lower	Upper
278	100		
139	20.0	12.8	19.2#
279	29.1	19.6	29.4





#91
Benzo(g,h,i)perylene
Concen: 12.10 ng
RT: 20.17 min Scan# 1661
Delta R.T. 0.07 min
Lab File: BF079034.D
Acq: 8 May 2015 11:23

Tgt Ion:276 Resp: 187879

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	24.1	17.4	26.0