Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078484.D
Acq On : 14 Apr 2015 4:39
Operator : TP/IZ
Sample : G1841-02DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-2DL

Quant Time: Apr 14 04:36:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 04:24:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	39688	20.00	ng		0.00
21) Naphthalene-d8	8.40	136	162219	20.00	ng		-0.01
38) Acenaphthene-d10	10.56	164	85759	20.00	ng		-0.01
63) Phenanthrene-d10	12.39	188	172171	20.00	ng		0.00
75) Chrysene-d12	15.63	240	186785	20.00	ng		-0.01
86) Perylene-d12	17.29	264	185728	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	16488	6.85	ng		0.01
7) Phenol-d6	6.43	99	22418	7.43	ng		0.00
23) Nitrobenzene-d5	7.53	82	13031	4.87	ng		0.00
41) 2,4,6-Tribromophenol	11.54	330	5029	7.07	ng		0.00
44) 2-Fluorobiphenyl	9.75	172	31515	5.25	ng		-0.01
78) Terphenyl-d14	14.38	244	42313	5.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.61	88	95055	87.33	ng	#	25
51) Acenaphthene	10.60	154	11863	2.36	ng		98
54) Dibenzofuran	10.82	168	17182	2.24	ng		92
55) 4-Nitrophenol	10.81	139	6358	8.30	ng	#	18
57) Fluorene	11.23	166	19052	3.07	ng		99
70) Phenanthrene	12.41	178	350043	35.15	ng		99
71) Anthracene	12.48	178	85956	8.76	ng		99
74) Fluoranthene	13.87	202	409037	38.94	ng		97
77) Pyrene	14.15	202	358856	30.60	ng	#	95
80) Benzo(a)anthracene	15.62	228	190321	17.13	ng		96
82) Chrysene	15.67	228	155907	14.93	ng		97
85) Indeno(1,2,3-cd)pyrene	18.49	276	74119	6.26	ng	#	88
87) Benzo(b)fluoranthene	16.88	252	236963	20.64	ng	#	95
88) Benzo(k)fluoranthene	16.88	252	238277	23.36	ng		97
89) Benzo(a)pyrene	17.23	252	128286	12.81	ng		97
91) Benzo(g,h,i)perylene	18.83	276	69858	6.95	ng		97

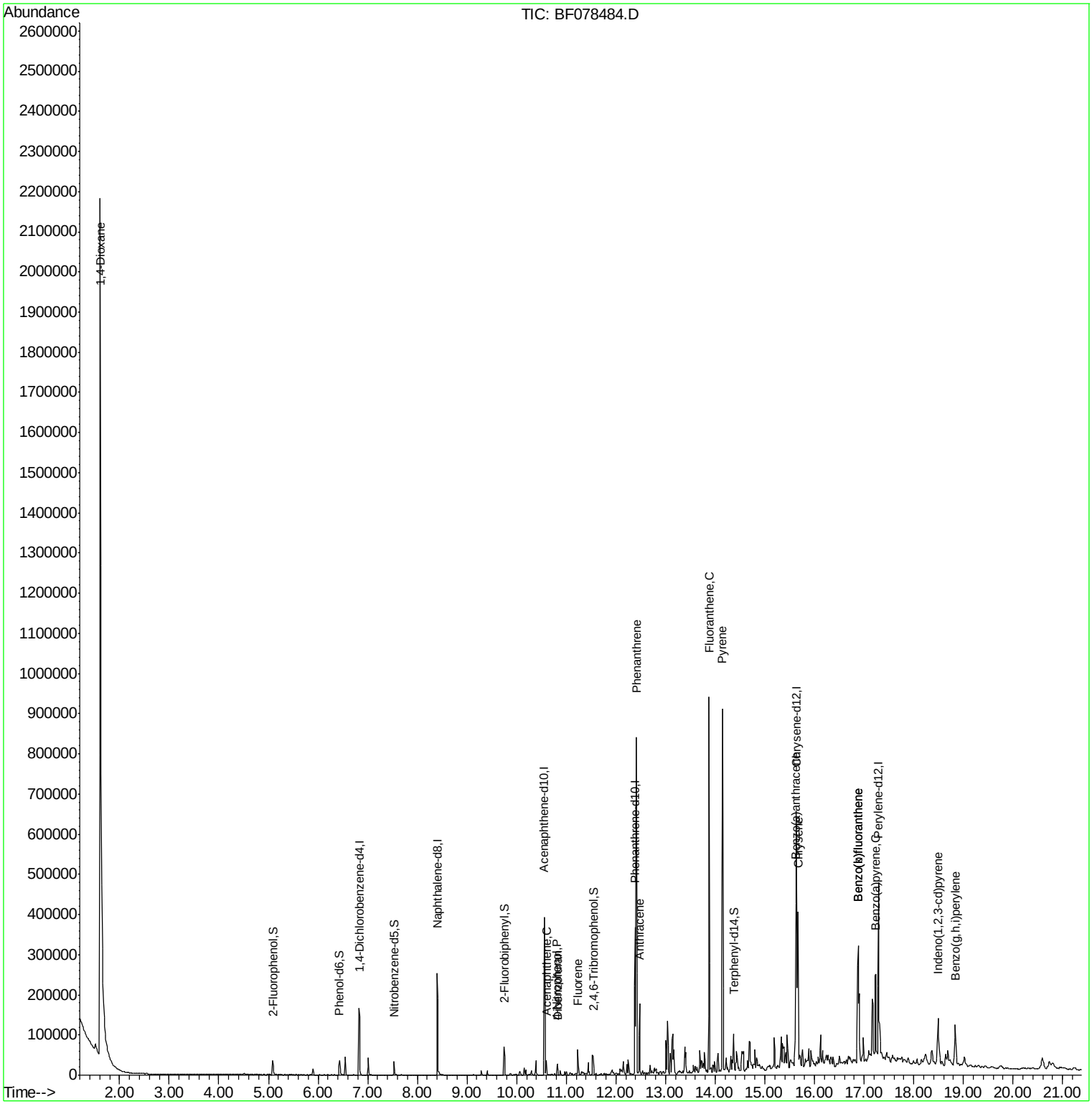
(#) = qualifier out of range (m) = manual integration (+) = signals summed

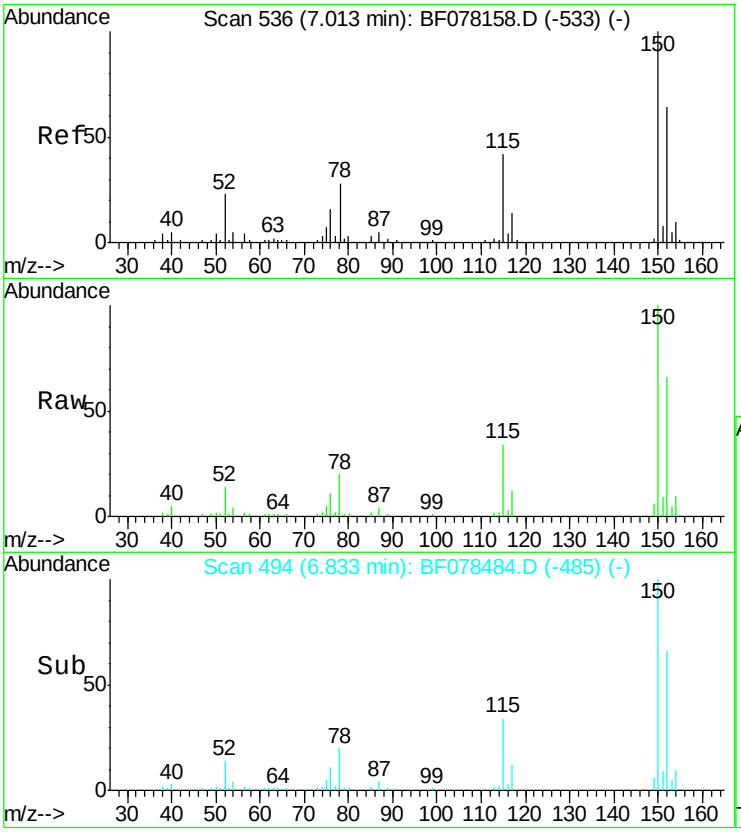
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078484.D
Acq On : 14 Apr 2015 4:39
Operator : TP/IZ
Sample : G1841-02DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-2DL

Quant Time: Apr 14 04:36:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 04:24:31 2015
Response via : Initial Calibration



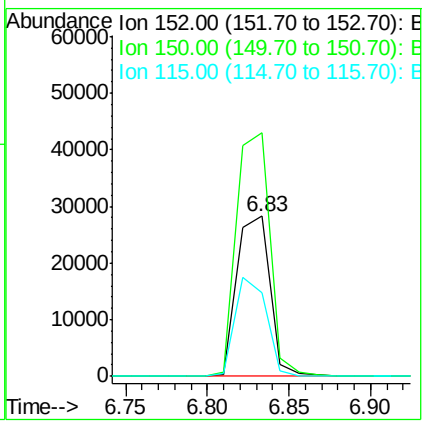


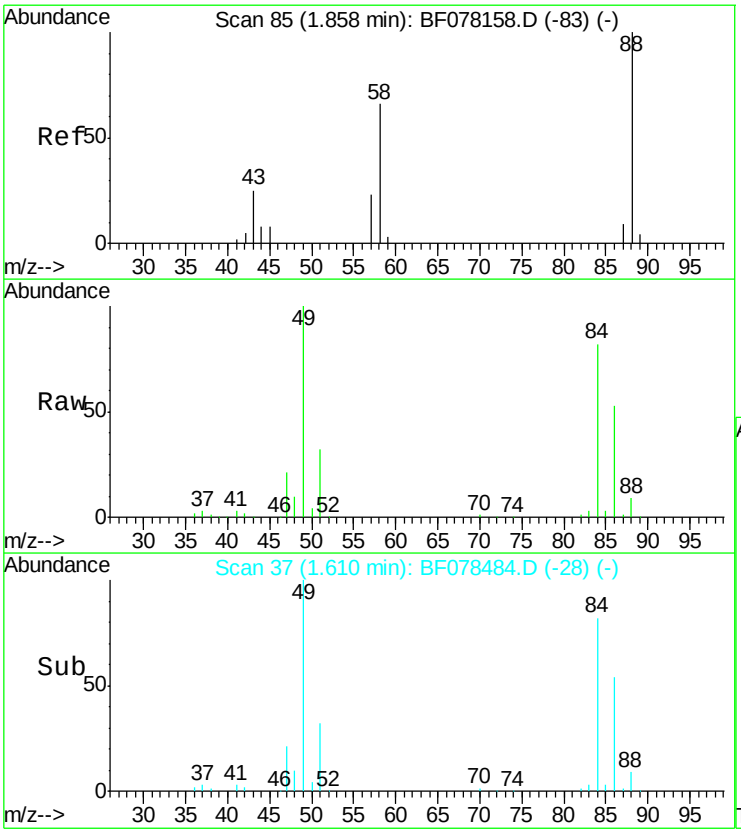
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Instrument :
BNA_F
ClientSampleId :
EP-2DL

Tgt Ion:152 Resp: 39688

Ion	Ratio	Lower	Upper
152	100		
150	151.9	125.9	188.9
115	52.1	52.7	79.1#

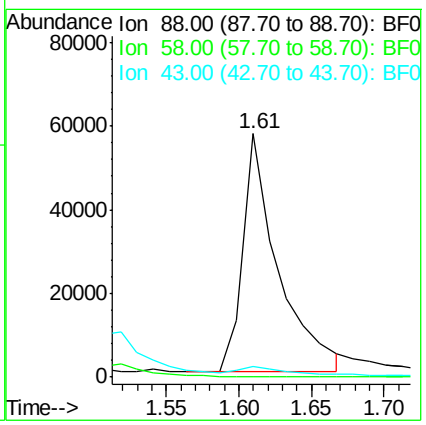


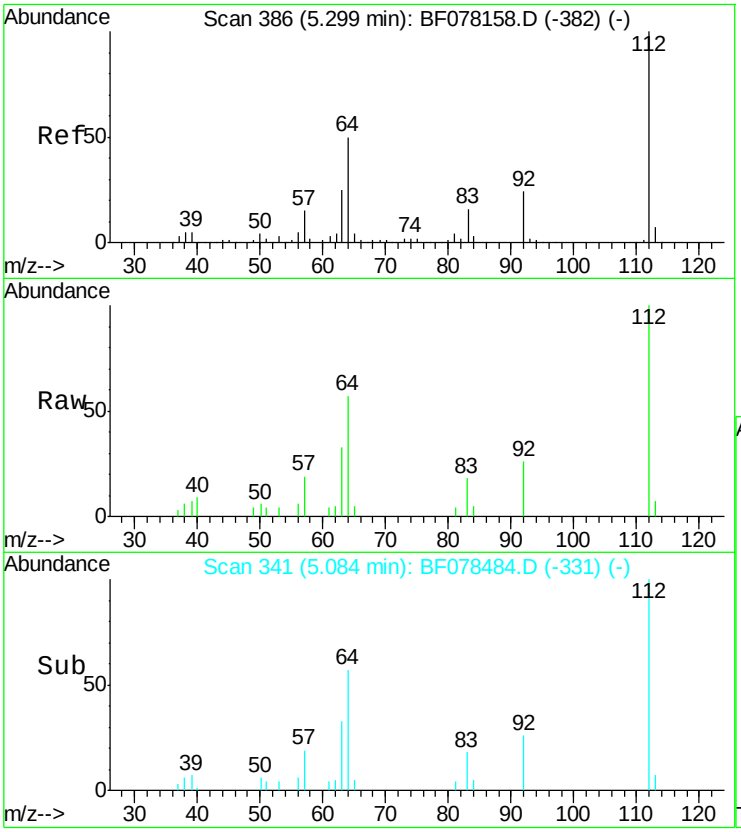


#2
1,4-Dioxane
Concen: 87.33 ng
RT: 1.61 min Scan# 37
Delta R.T. -0.00 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Tgt Ion: 88 Resp: 95055

Ion	Ratio	Lower	Upper
88	100		
58	0.0	56.9	85.3#
43	3.0	21.4	32.2#



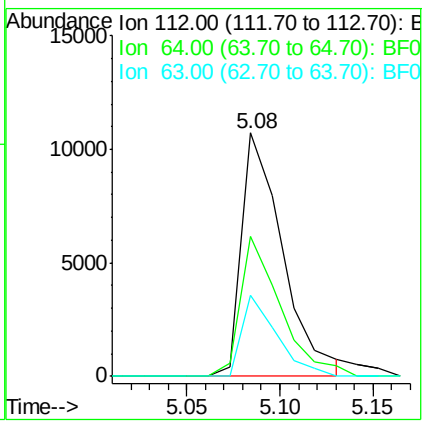


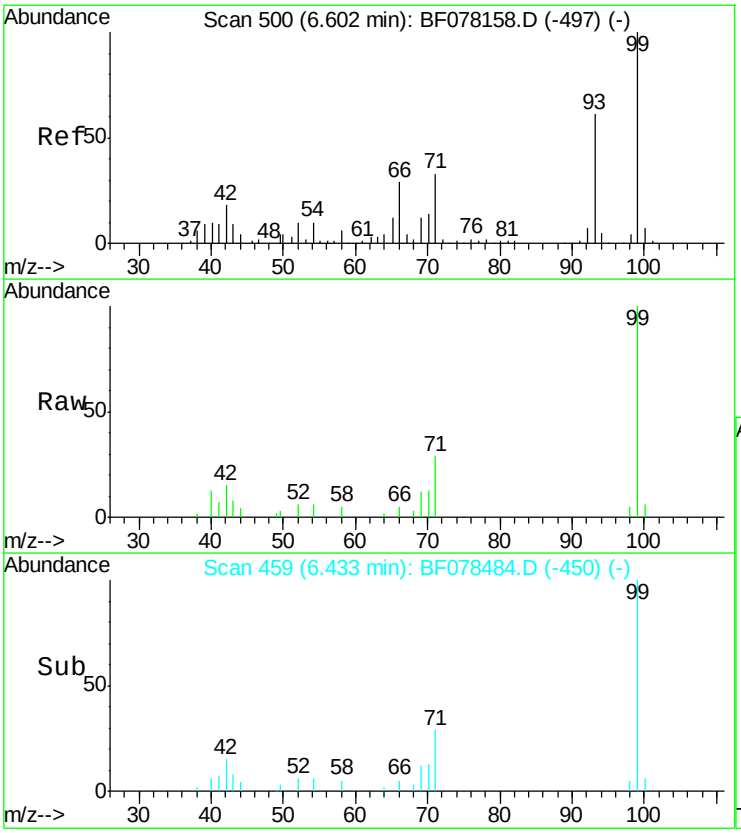
#5
2-Fluorophenol
Concen: 6.85 ng
RT: 5.08 min Scan# 341
Delta R.T. 0.01 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Instrument :
BNA_F
ClientSampleId :
EP-2DL

Tgt Ion:112 Resp: 16488

Ion	Ratio	Lower	Upper
112	100		
64	57.5	39.9	59.9
63	33.4	20.2	30.4#

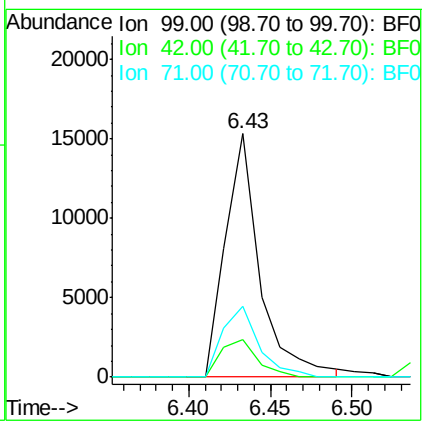


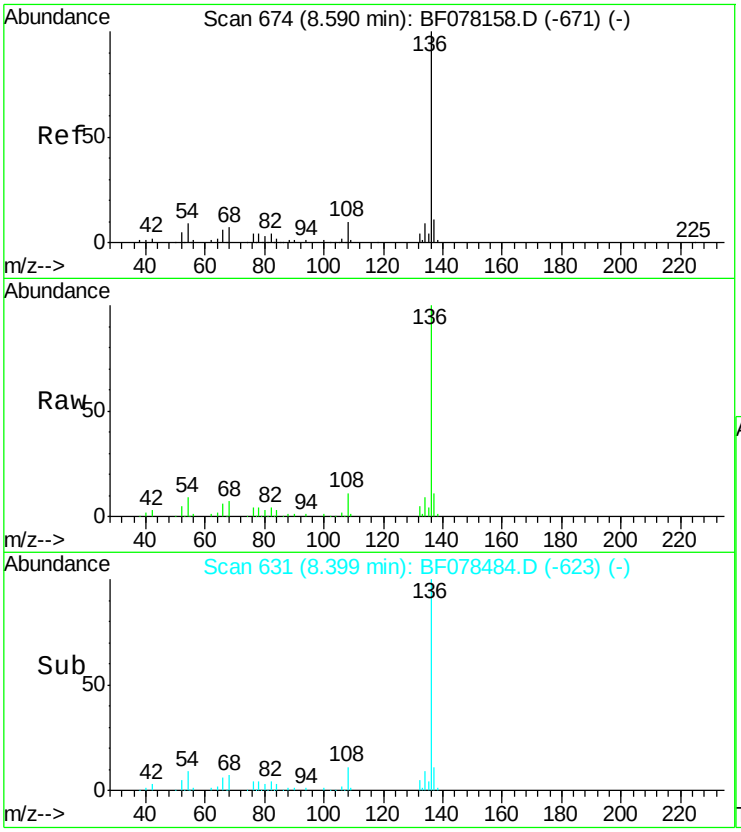


#7
Phenol-d6
Concen: 7.43 ng
RT: 6.43 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Tgt Ion: 99 Resp: 22418

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.8	22.2
71	29.1	26.6	39.8



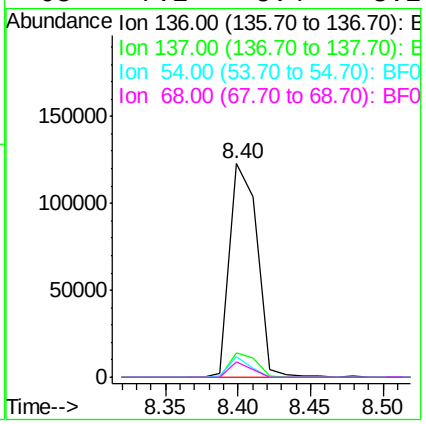


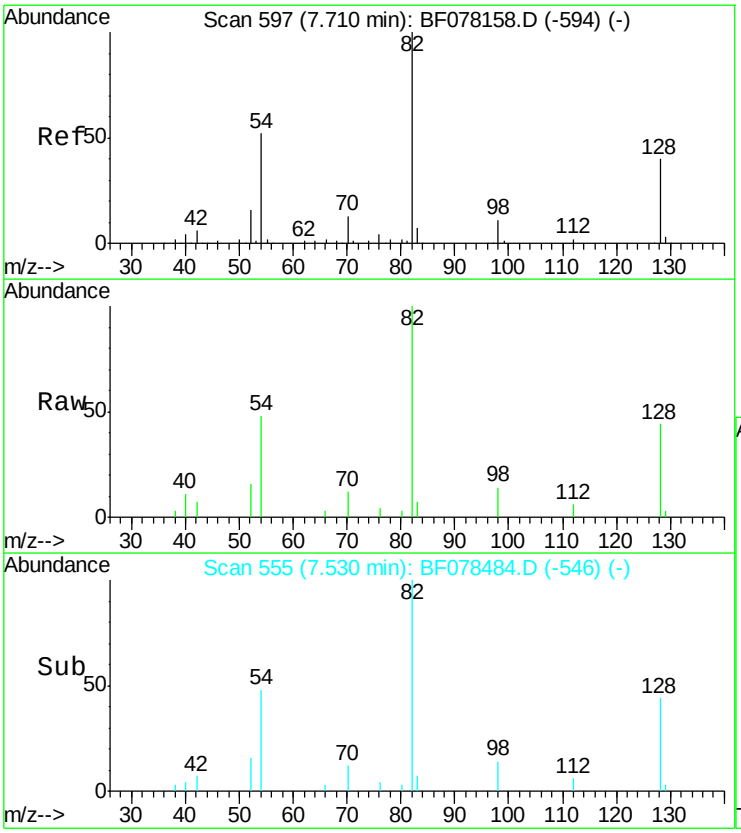
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.40 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Instrument :
BNA_F
ClientSampleId :
EP-2DL

Tgt Ion:136 Resp: 162219

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.4	7.0	10.6
68	7.2	5.4	8.2

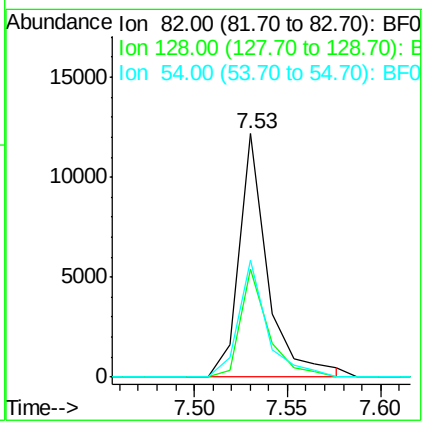


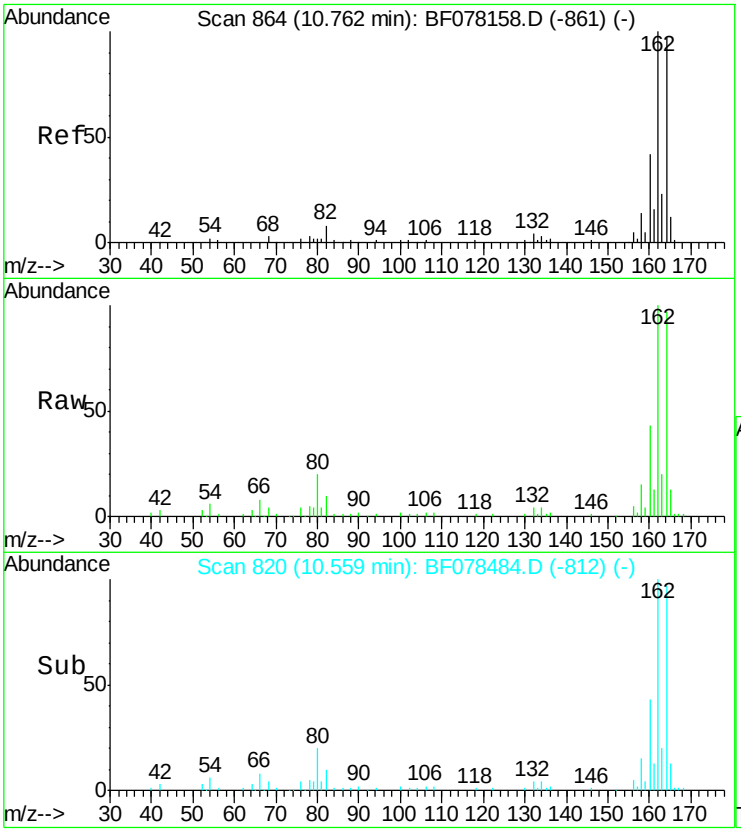


#23
Nitrobenzene-d5
Concen: 4.87 ng
RT: 7.53 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Tgt Ion: 82 Resp: 13031

Ion	Ratio	Lower	Upper
82	100		
128	44.1	31.8	47.8
54	48.0	41.5	62.3



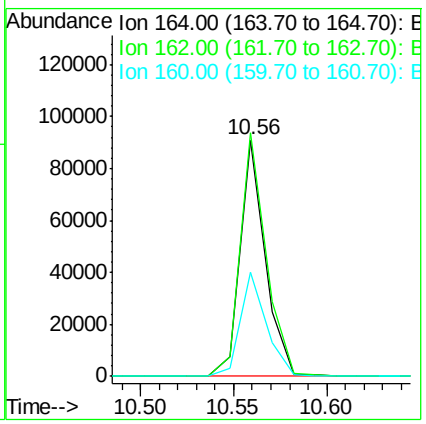


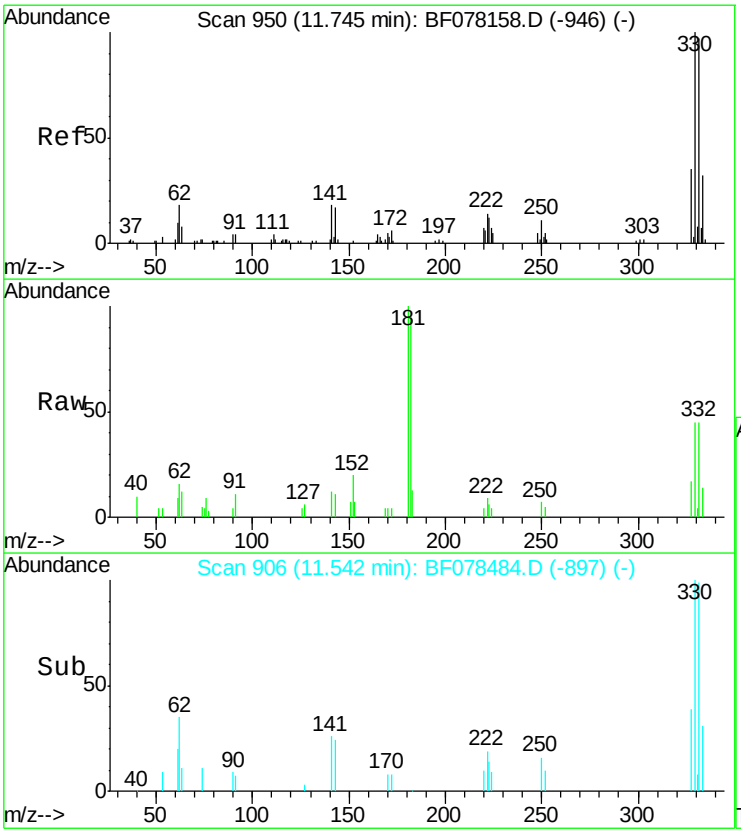
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Instrument :
BNA_F
ClientSampleId :
EP-2DL

Tgt Ion:164 Resp: 85759

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.2
160	43.9	34.7	52.1

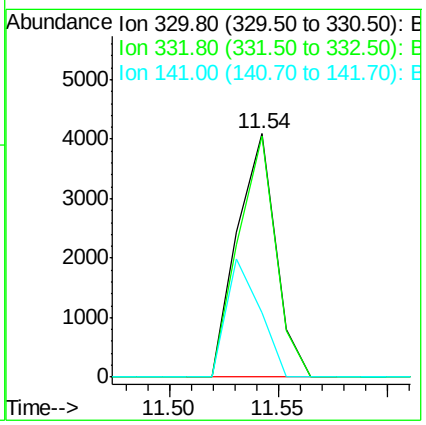


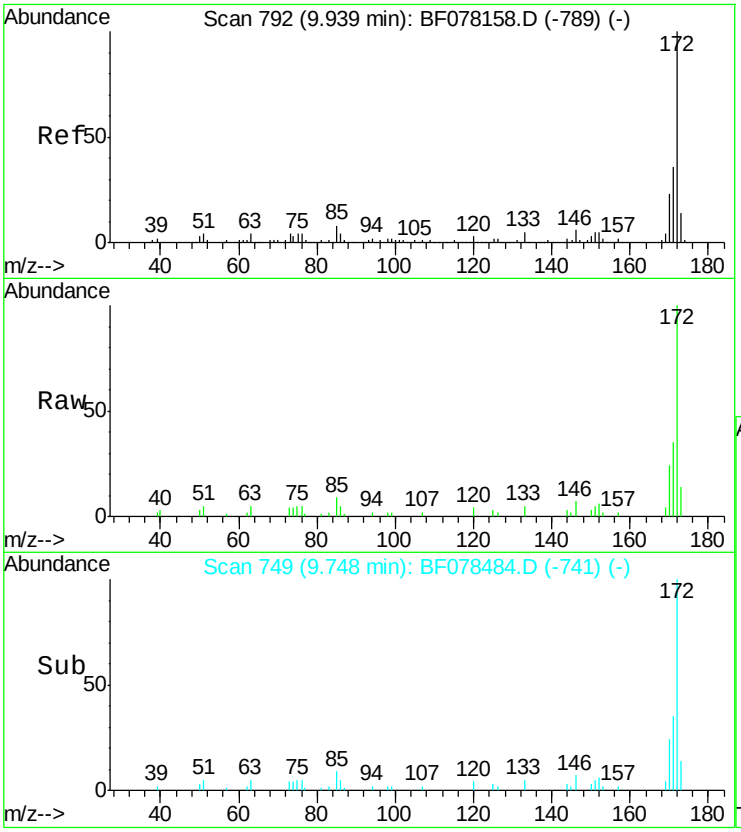


#41
2,4,6-Tribromophenol
Concen: 7.07 ng
RT: 11.54 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Tgt Ion:330 Resp: 5029

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.6	117.8
141	41.9	31.2	46.8



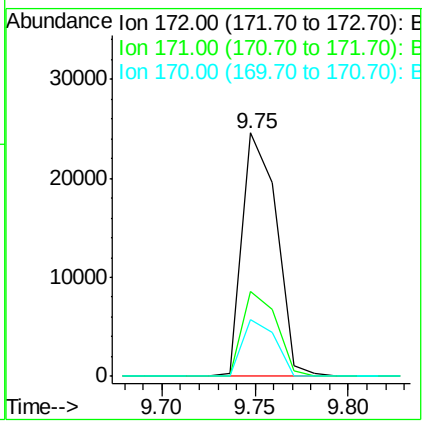


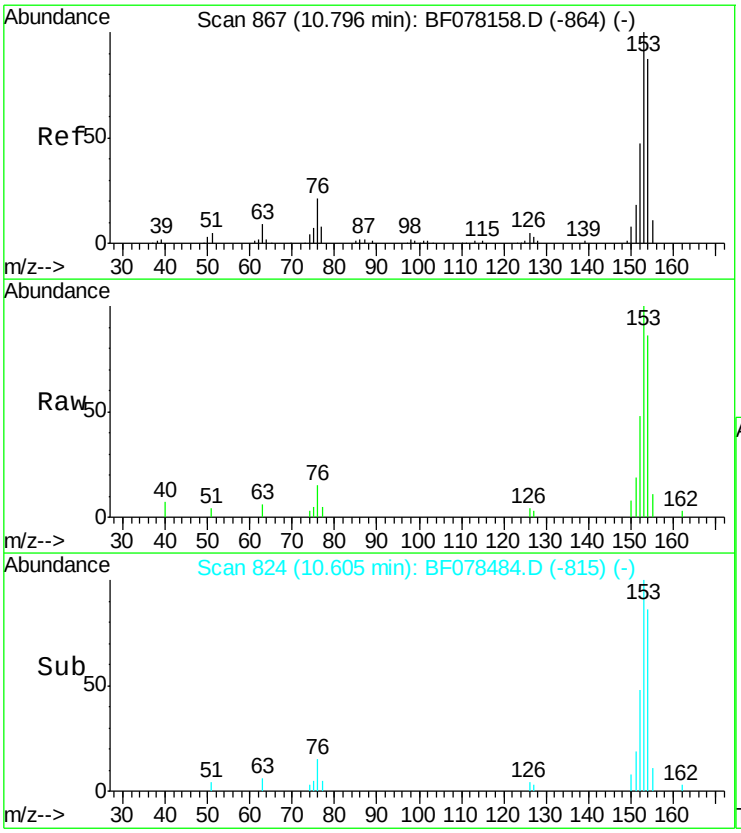
#44
2-Fluorobiphenyl
Concen: 5.25 ng
RT: 9.75 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Instrument :
BNA_F
ClientSampleId :
EP-2DL

Tgt Ion:172 Resp: 31515

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.6	18.5	27.7

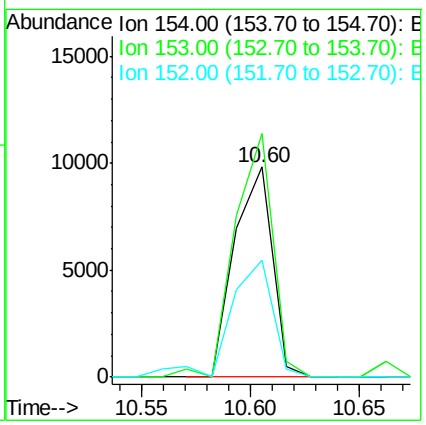


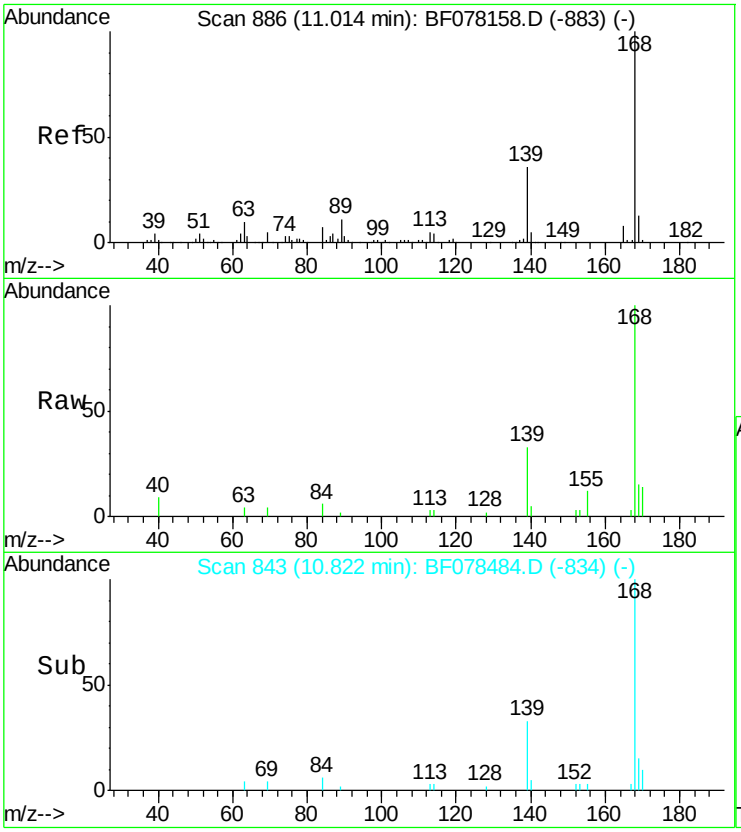


#51
Acenaphthene
Concen: 2.36 ng
RT: 10.60 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Tgt Ion:154 Resp: 11863

Ion	Ratio	Lower	Upper
154	100		
153	115.9	91.4	137.2
152	55.8	43.0	64.6



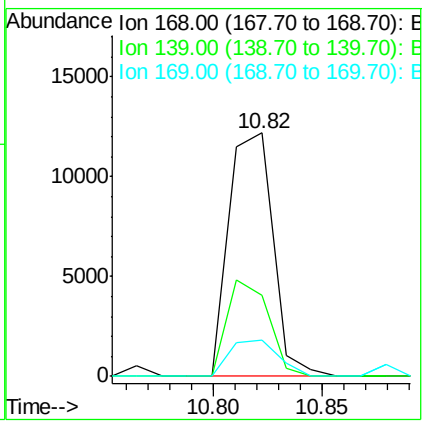


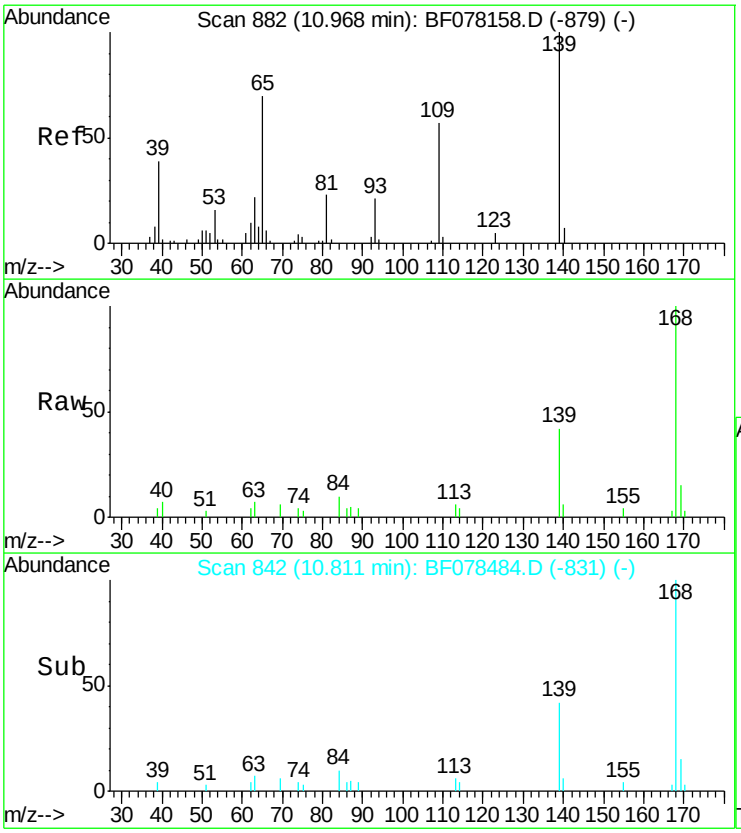
#54
Dibenzofuran
Concen: 2.24 ng
RT: 10.82 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Instrument :
BNA_F
ClientSampleId :
EP-2DL

Tgt Ion:168 Resp: 17182

Ion	Ratio	Lower	Upper
168	100		
139	33.1	31.0	46.4
169	15.0	10.7	16.1

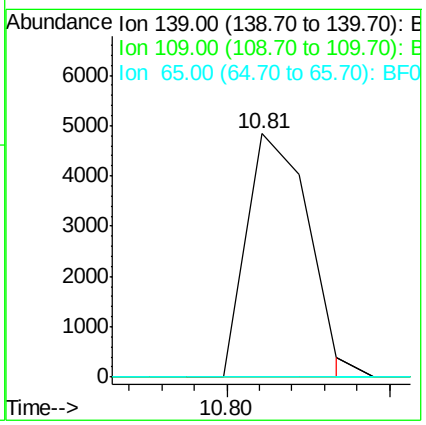


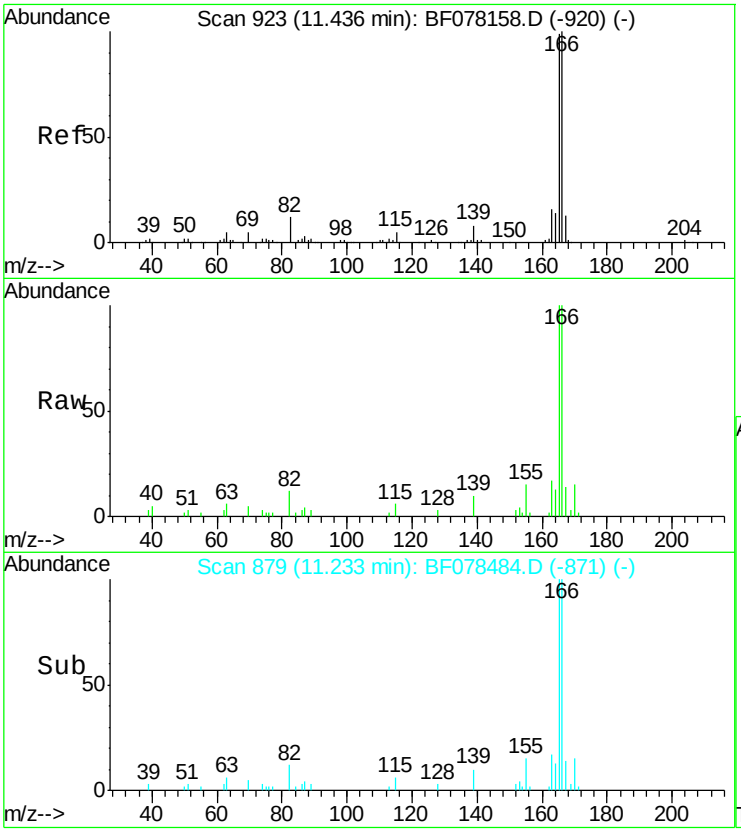


#55
4-Nitrophenol
Concen: 8.30 ng
RT: 10.81 min Scan# 842
Delta R.T. 0.02 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Tgt Ion:139 Resp: 6358

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.7	76.7#
65	0.0	49.9	89.9#



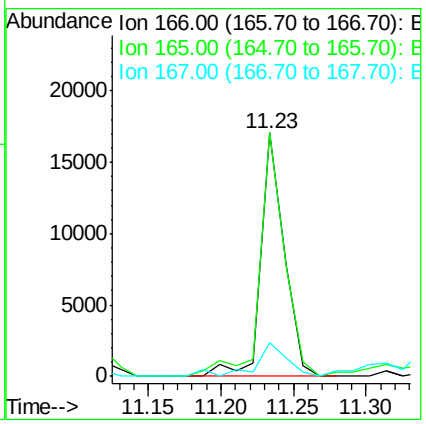


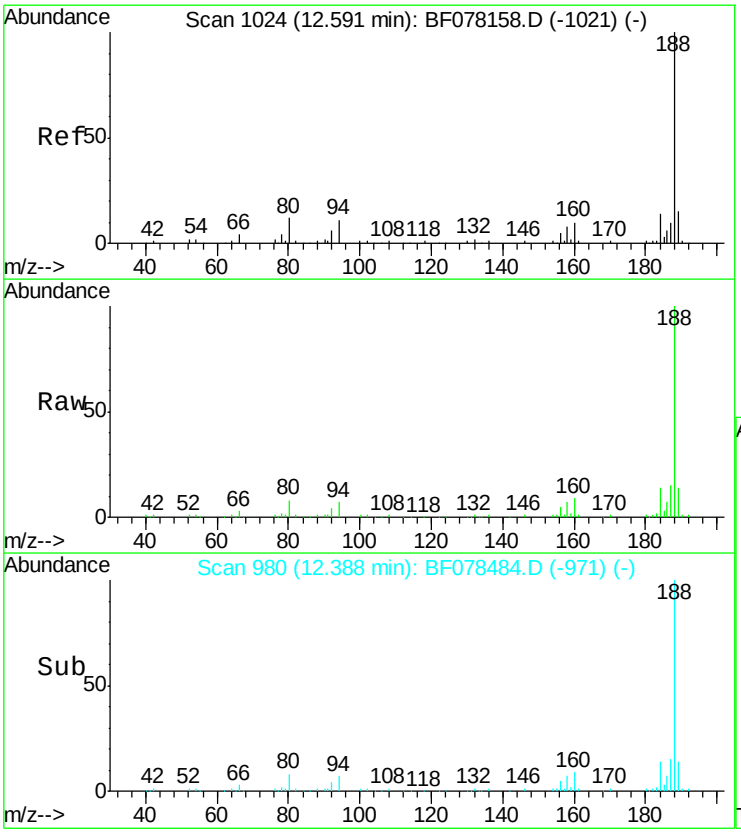
#57
Fluorene
Concen: 3.07 ng
RT: 11.23 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Instrument :
BNA_F
ClientSampleId :
EP-2DL

Tgt Ion:166 Resp: 19052

Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.9	118.3
167	13.9	10.7	16.1

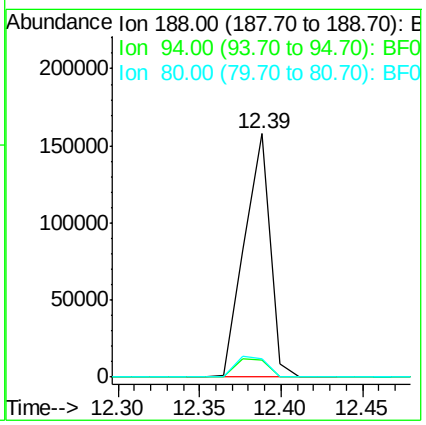


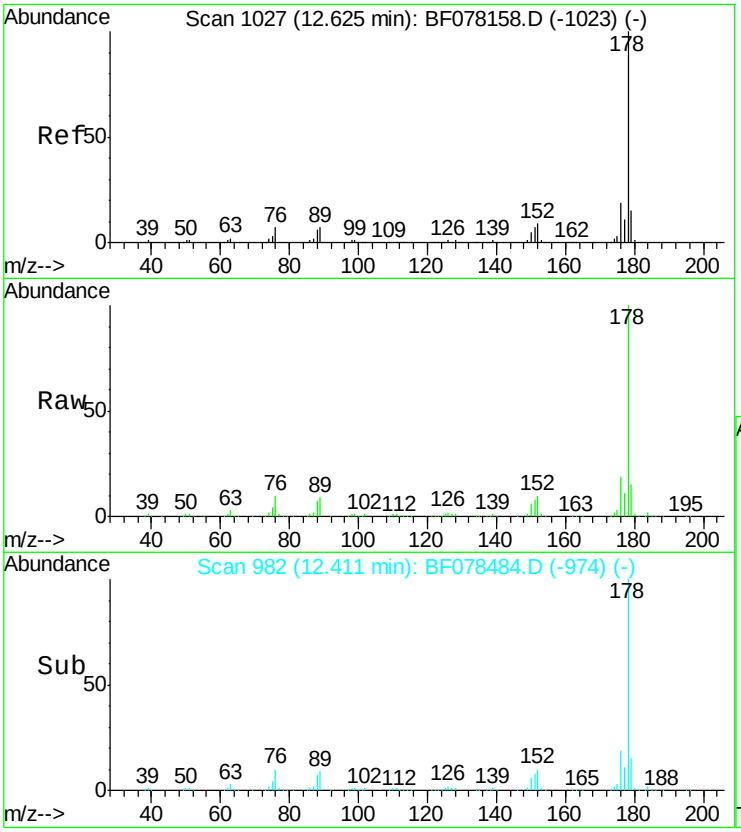


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Tgt Ion:188 Resp: 172171

Ion	Ratio	Lower	Upper
188	100		
94	7.3	9.0	13.4#
80	7.7	9.5	14.3#



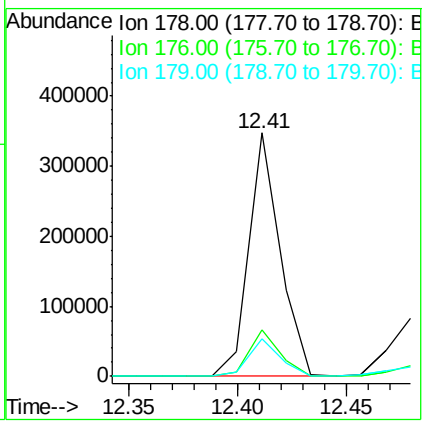


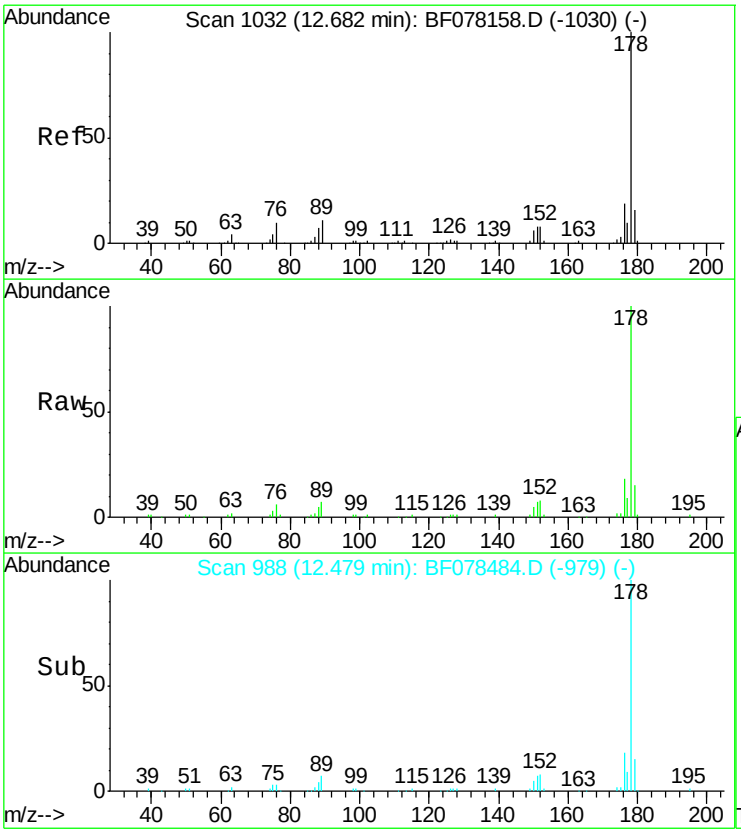
#70
Phenanthrene
Concen: 35.15 ng
RT: 12.41 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Instrument :
BNA_F
ClientSampleId :
EP-2DL

Tgt Ion:178 Resp: 350043

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.5	12.2	18.2

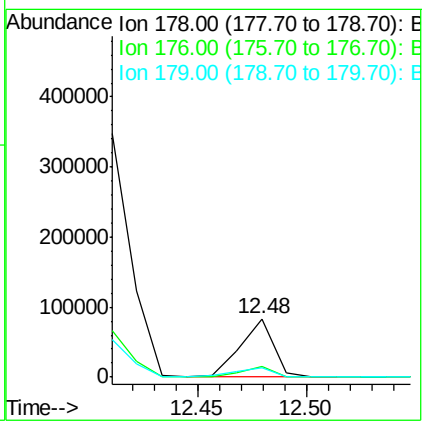


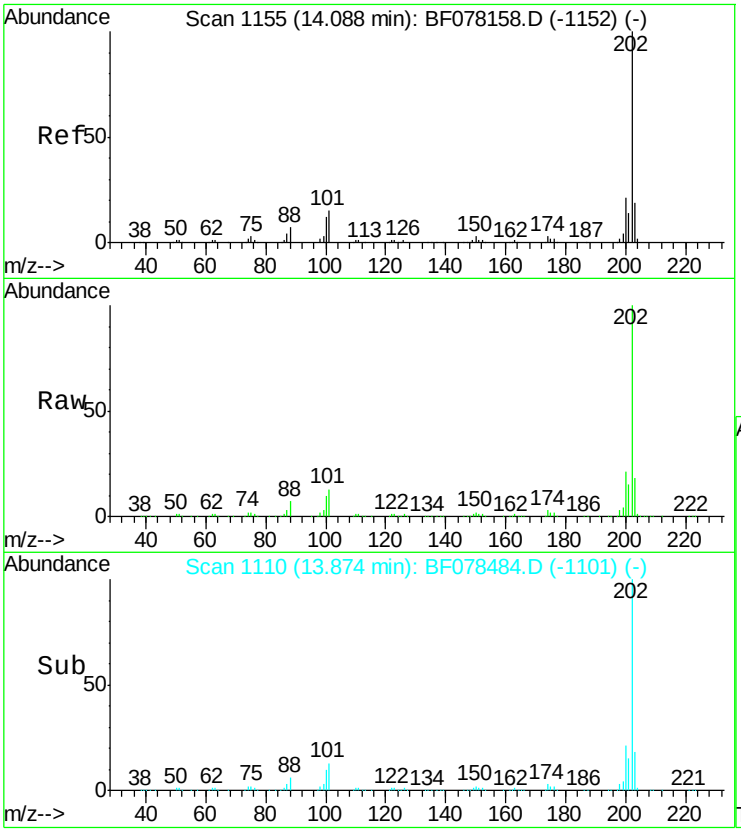


#71
Anthracene
Concen: 8.76 ng
RT: 12.48 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Tgt Ion:178 Resp: 85956

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.8	22.2
179	15.1	12.4	18.6



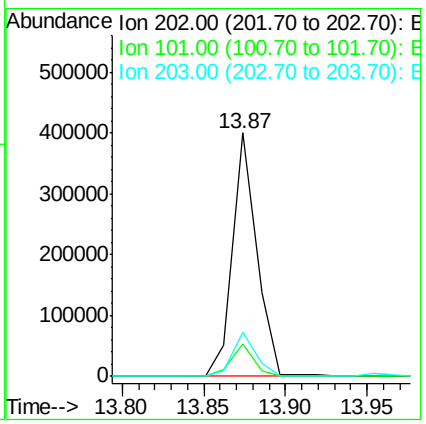


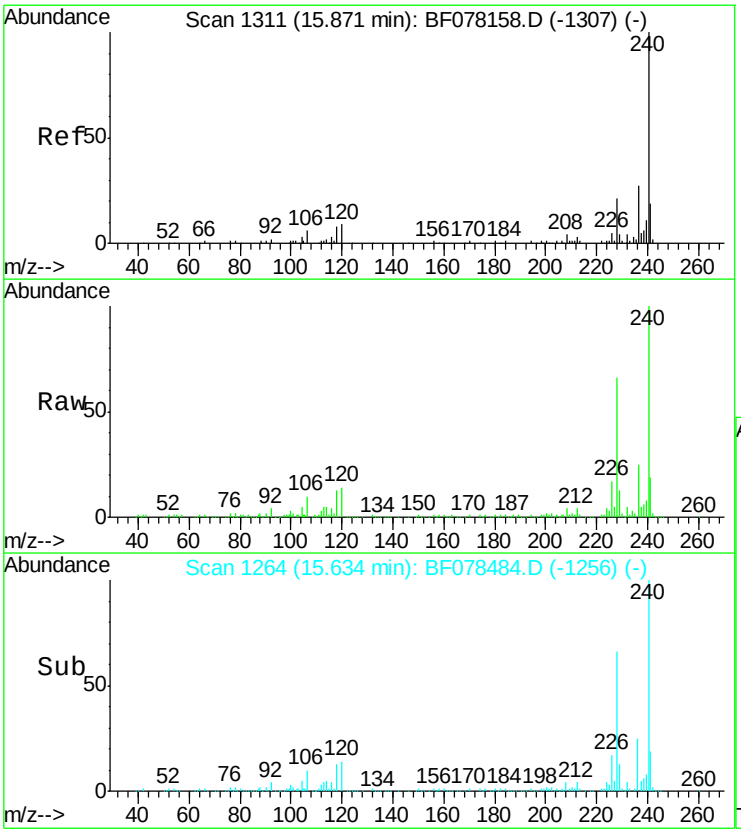
#74
Fluoranthene
Concen: 38.94 ng
RT: 13.87 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Instrument :
BNA_F
ClientSampleId :
EP-2DL

Tgt Ion:202 Resp: 409037

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	35.2
203	17.9	0.0	38.5

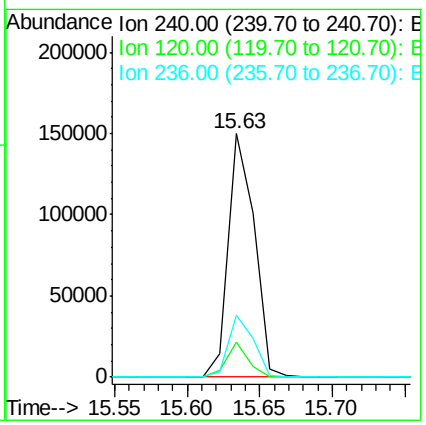


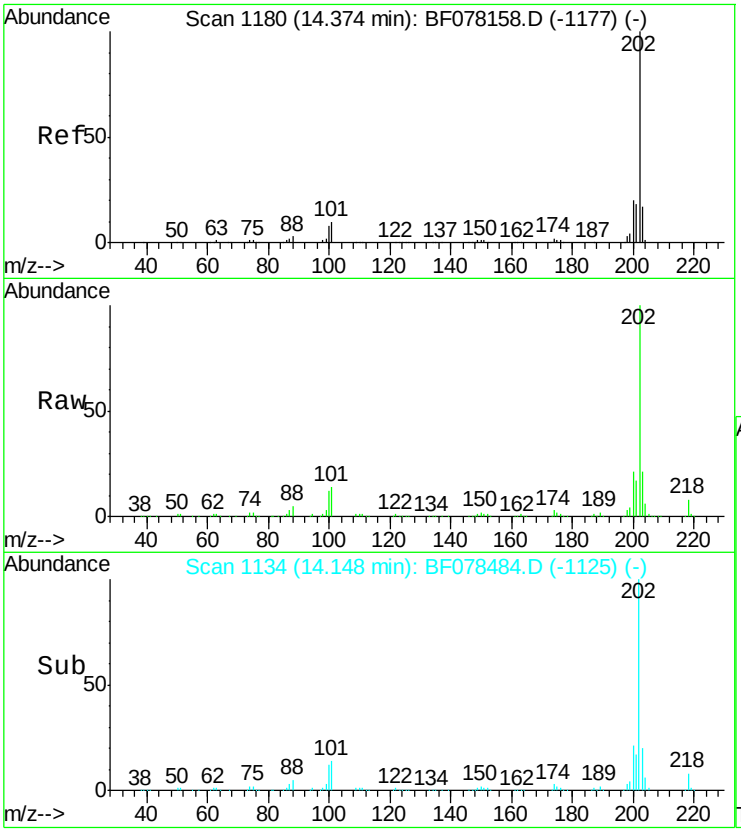


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Tgt Ion:240 Resp: 186785

Ion	Ratio	Lower	Upper
240	100		
120	14.4	7.1	10.7#
236	25.3	21.4	32.2



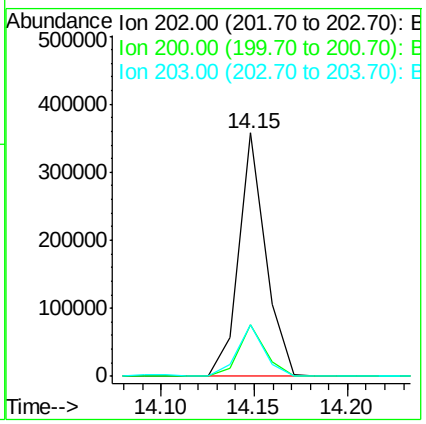


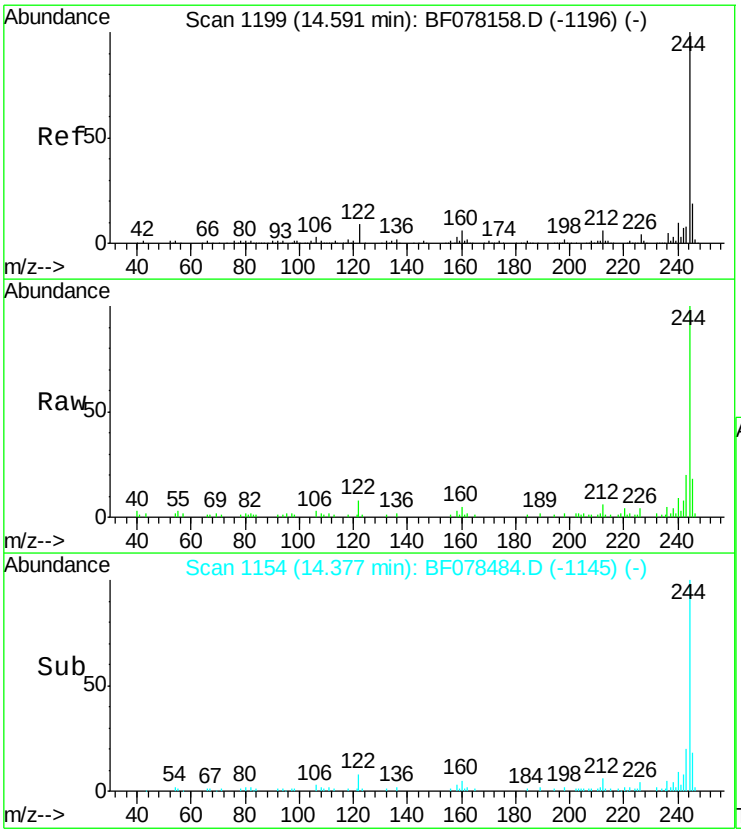
#77
Pyrene
Concen: 30.60 ng
RT: 14.15 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Instrument :
BNA_F
ClientSampleId :
EP-2DL

Tgt Ion:202 Resp: 358856

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.3	24.5
203	21.0	13.8	20.6#

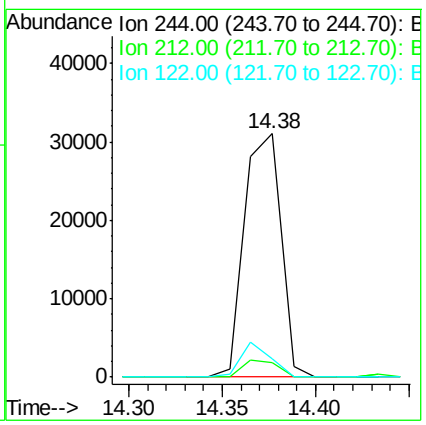


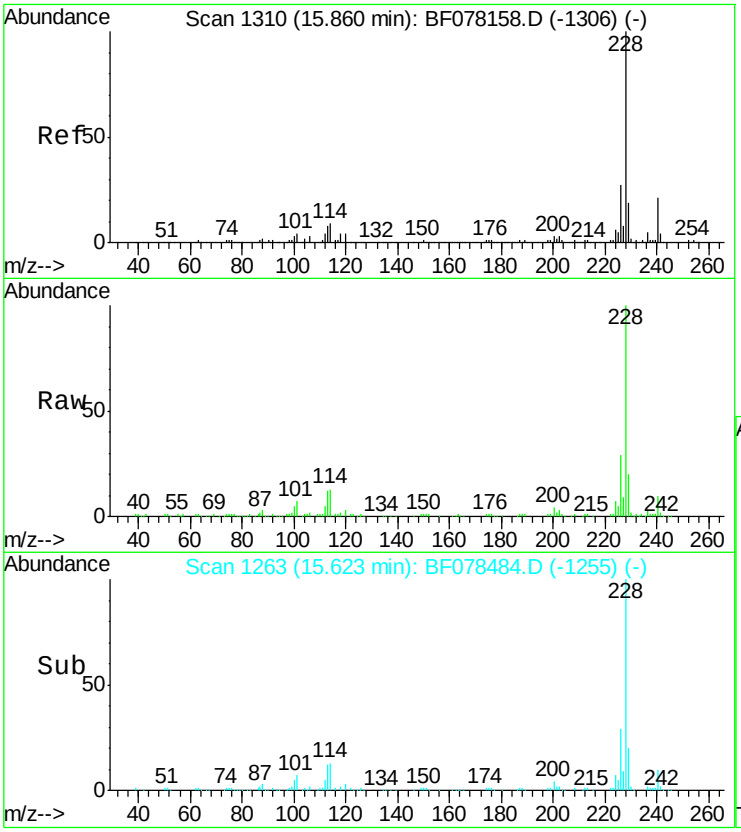


#78
Terphenyl-d14
Concen: 5.12 ng
RT: 14.38 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Tgt Ion:244 Resp: 42313

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.0	7.4
122	7.6	7.1	10.7



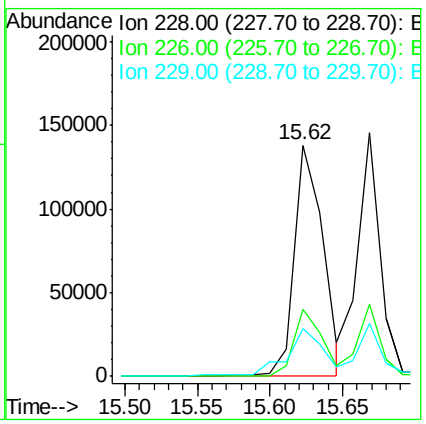


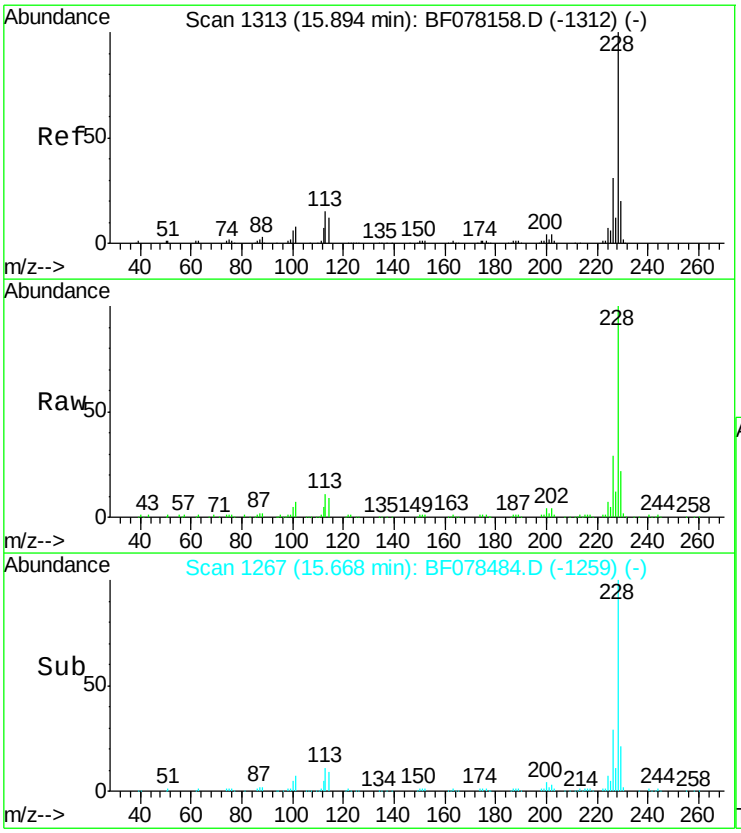
#80
Benzo(a)anthracene
Concen: 17.13 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Instrument :
BNA_F
ClientSampleId :
EP-2DL

Tgt Ion:228 Resp: 190321

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.3	31.9
229	20.4	15.4	23.2

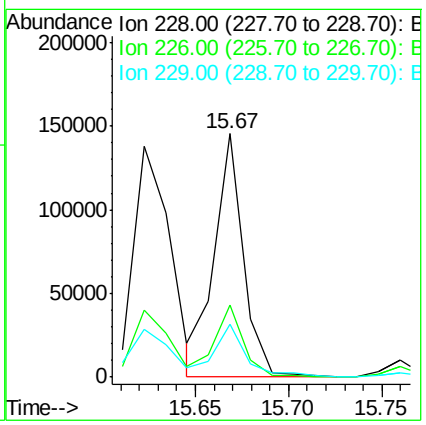


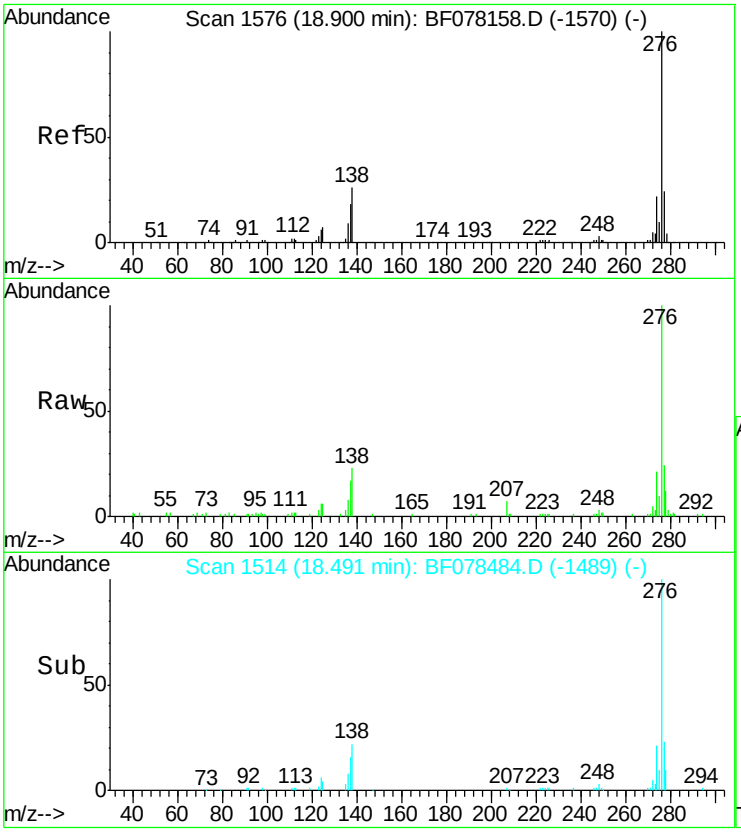


#82
Chrysene
Concen: 14.93 ng
RT: 15.67 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Tgt Ion:228 Resp: 155907

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.4
229	21.8	15.8	23.8



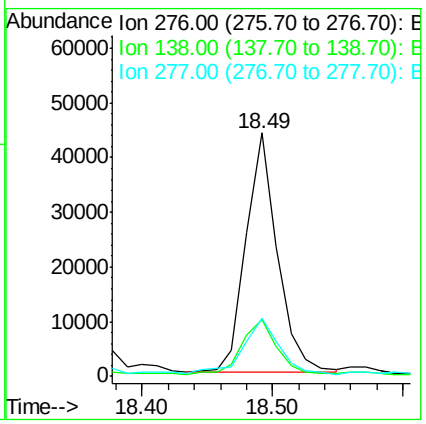


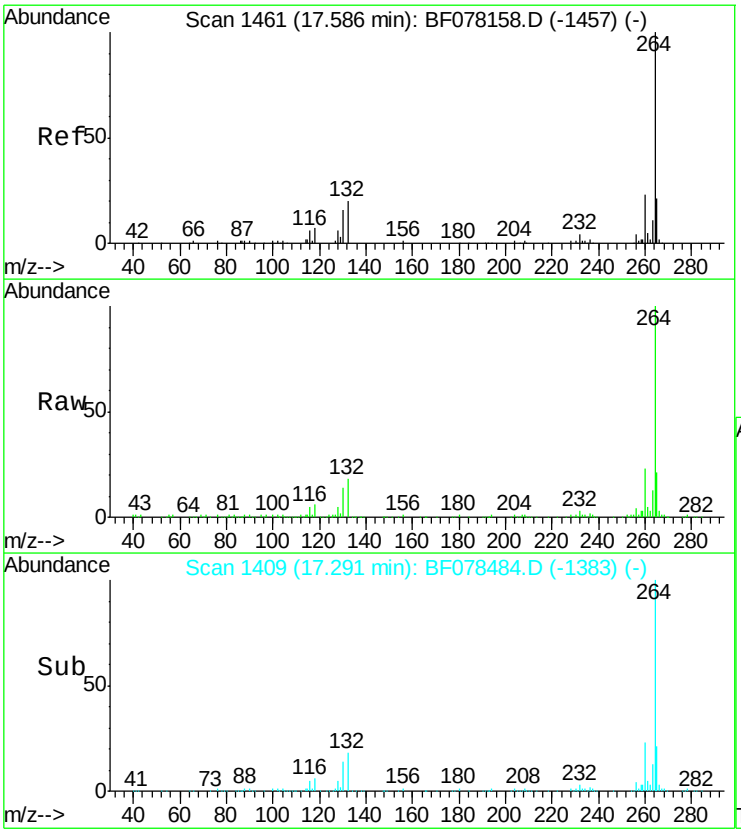
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.26 ng
RT: 18.49 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Instrument :
BNA_F
ClientSampleId :
EP-2DL

Tgt Ion:276 Resp: 74119

Ion	Ratio	Lower	Upper
276	100		
138	25.2	16.9	25.3
277	26.6	15.8	23.6#

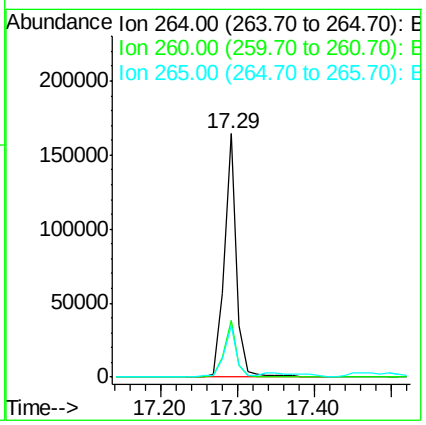


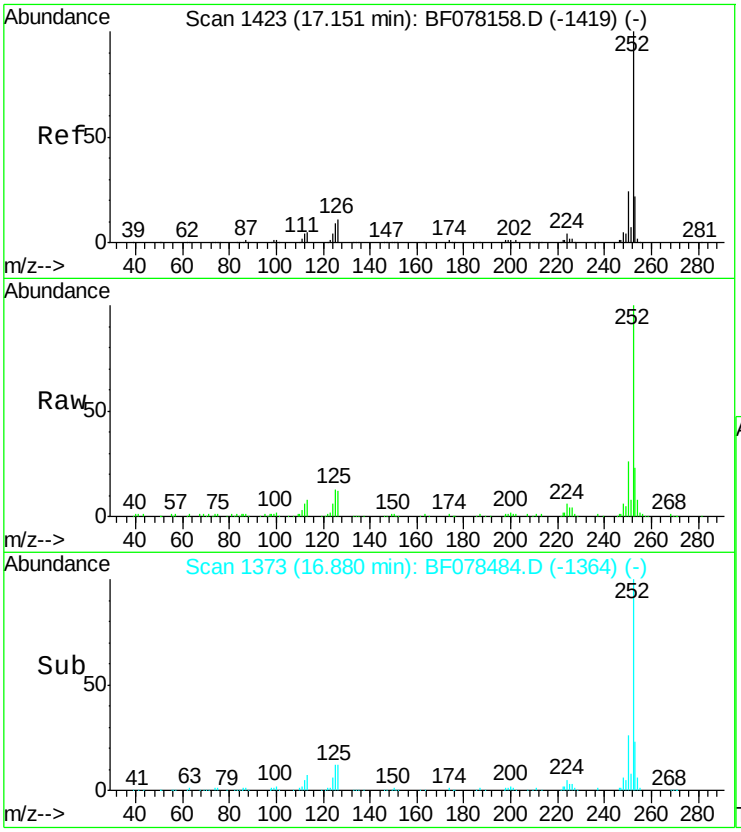


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.29 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Tgt Ion:264 Resp: 185728

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.3	17.0	25.6



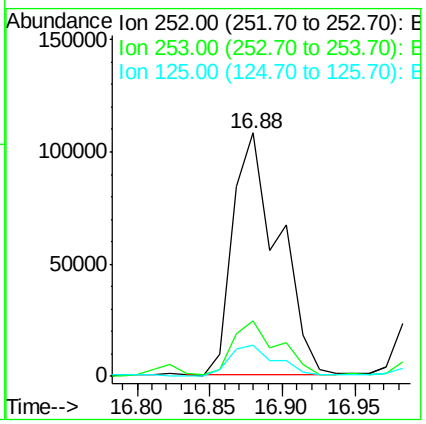


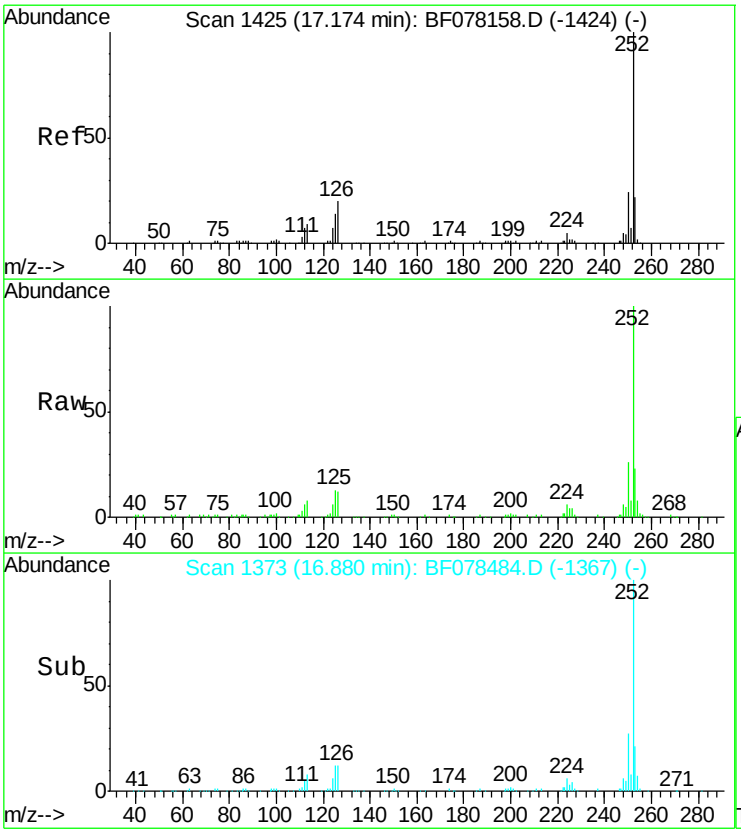
#87
Benzo(b)fluoranthene
Concen: 20.64 ng
RT: 16.88 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Instrument :
BNA_F
ClientSampleId :
EP-2DL

Tgt Ion:252 Resp: 236963

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	12.5	7.0	10.4#

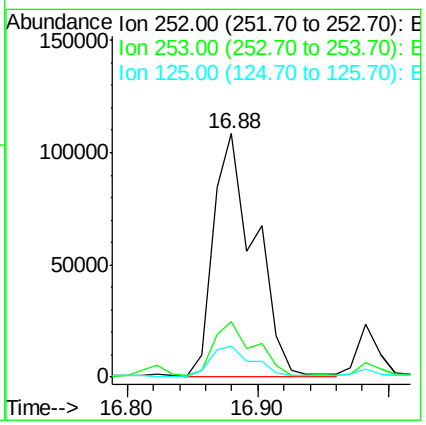


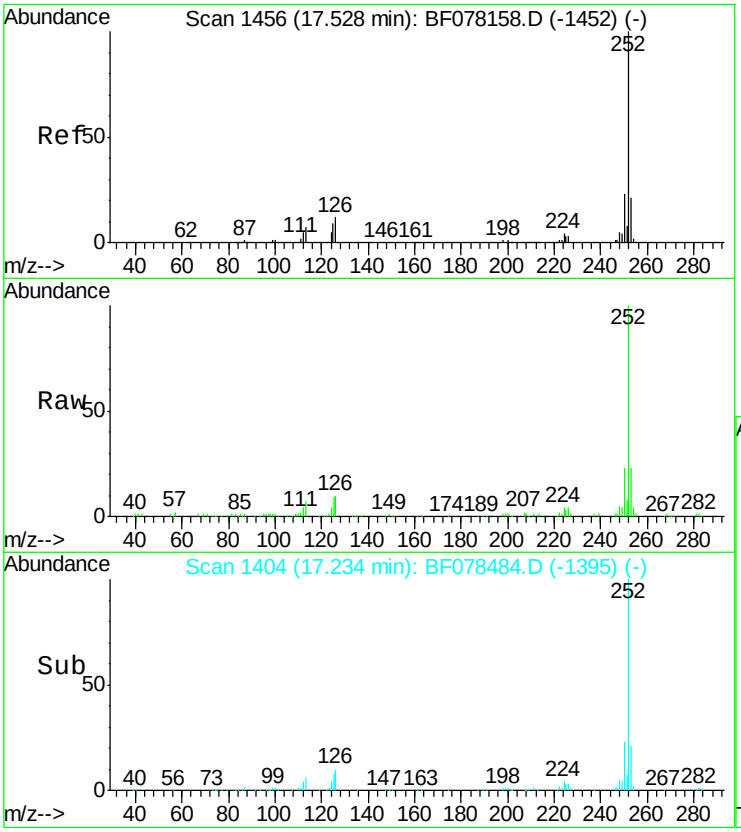


#88
Benzo(k)fluoranthene
Concen: 23.36 ng
RT: 16.88 min Scan# 1373
Delta R.T. -0.03 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Tgt Ion:252 Resp: 238277

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	12.5	11.6	17.4



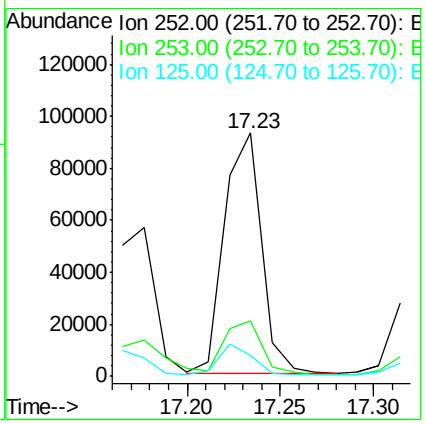


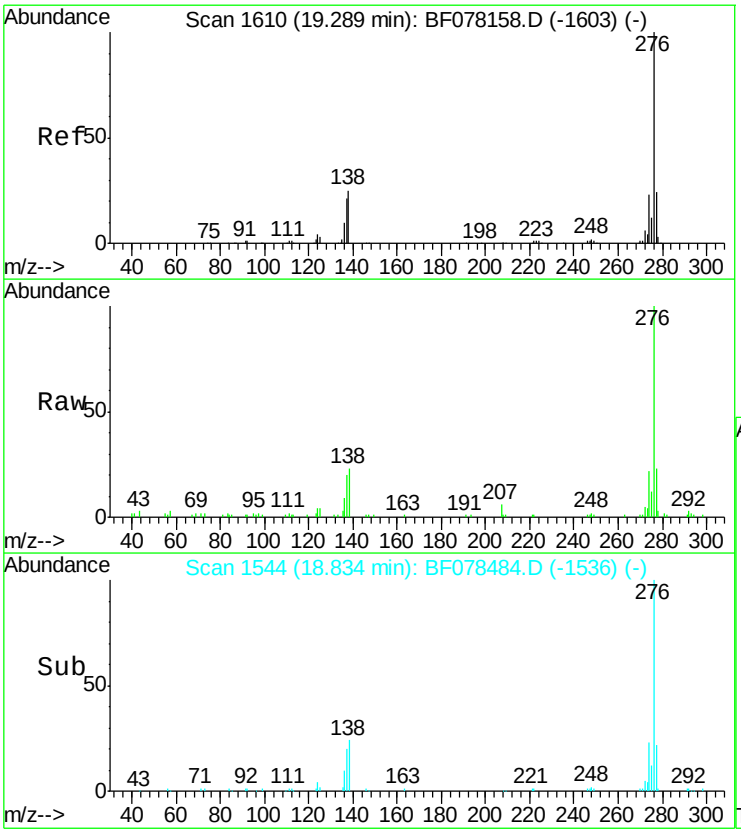
#89
Benzo(a)pyrene
Concen: 12.81 ng
RT: 17.23 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Instrument :
BNA_F
ClientSampleId :
EP-2DL

Tgt Ion:252 Resp: 128286

Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.8	25.2
125	8.5	7.4	11.0





#91
Benzo(g,h,i)perylene
Concen: 6.95 ng
RT: 18.83 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF078484.D
Acq: 14 Apr 2015 4:39

Tgt Ion:276 Resp: 69858

Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.0	28.4
138	23.3	19.9	29.9