Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078434.D
Acq On : 11 Apr 2015 10:21
Operator : TP/IZ
Sample : G1793-03DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3DADL2

Quant Time: Apr 13 02:21:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 11:29:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	29979	20.00	ng		-0.02
21) Naphthalene-d8	8.44	136	131900	20.00	ng		-0.02
38) Acenaphthene-d10	10.59	164	66233	20.00	ng		-0.05
63) Phenanthrene-d10	12.42	188	137680	20.00	ng		-0.05
75) Chrysene-d12	15.69	240	149296	20.00	ng		-0.06
86) Perylene-d12	17.40	264	149767	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	945	0.52	ng		-0.03
7) Phenol-d6	6.48	99	937	0.41	ng		0.00
23) Nitrobenzene-d5	7.56	82	675	0.31	ng		-0.02
41) 2,4,6-Tribromophenol	11.57	330	318	0.58	ng		-0.05
44) 2-Fluorobiphenyl	9.79	172	2637	0.57	ng		-0.02
78) Terphenyl-d14	14.41	244	3503	0.53	ng		-0.06
Target Compounds							Qvalue
31) Naphthalene	8.46	128	399937	58.26	ng		99
37) 2-Methylnaphthalene	9.32	142	62930	13.50	ng		99
45) 1,1'-Biphenyl	9.90	154	27551	5.09	ng		99
48) Acenaphthylene	10.42	152	25595	3.72	ng		98
51) Acenaphthene	10.64	154	69094	17.83	ng		98
57) Fluorene	11.28	166	46559	9.70	ng		98
70) Phenanthrene	12.45	178	261520	32.84	ng		99
71) Anthracene	12.51	178	53339	6.80	ng		99
74) Fluoranthene	13.92	202	114272	13.61	ng		93
77) Pyrene	14.19	202	165252	17.63	ng		99
80) Benzo(a)anthracene	15.71	228	27711	3.12	ng		94
82) Chrysene	15.71	228	30036	3.60	ng		98
87) Benzo(b)fluoranthene	16.97	252	44024	4.76	ng	#	95
88) Benzo(k)fluoranthene	16.97	252	44277	5.38	ng		99
89) Benzo(a)pyrene	17.33	252	39954	4.95	ng	#	91

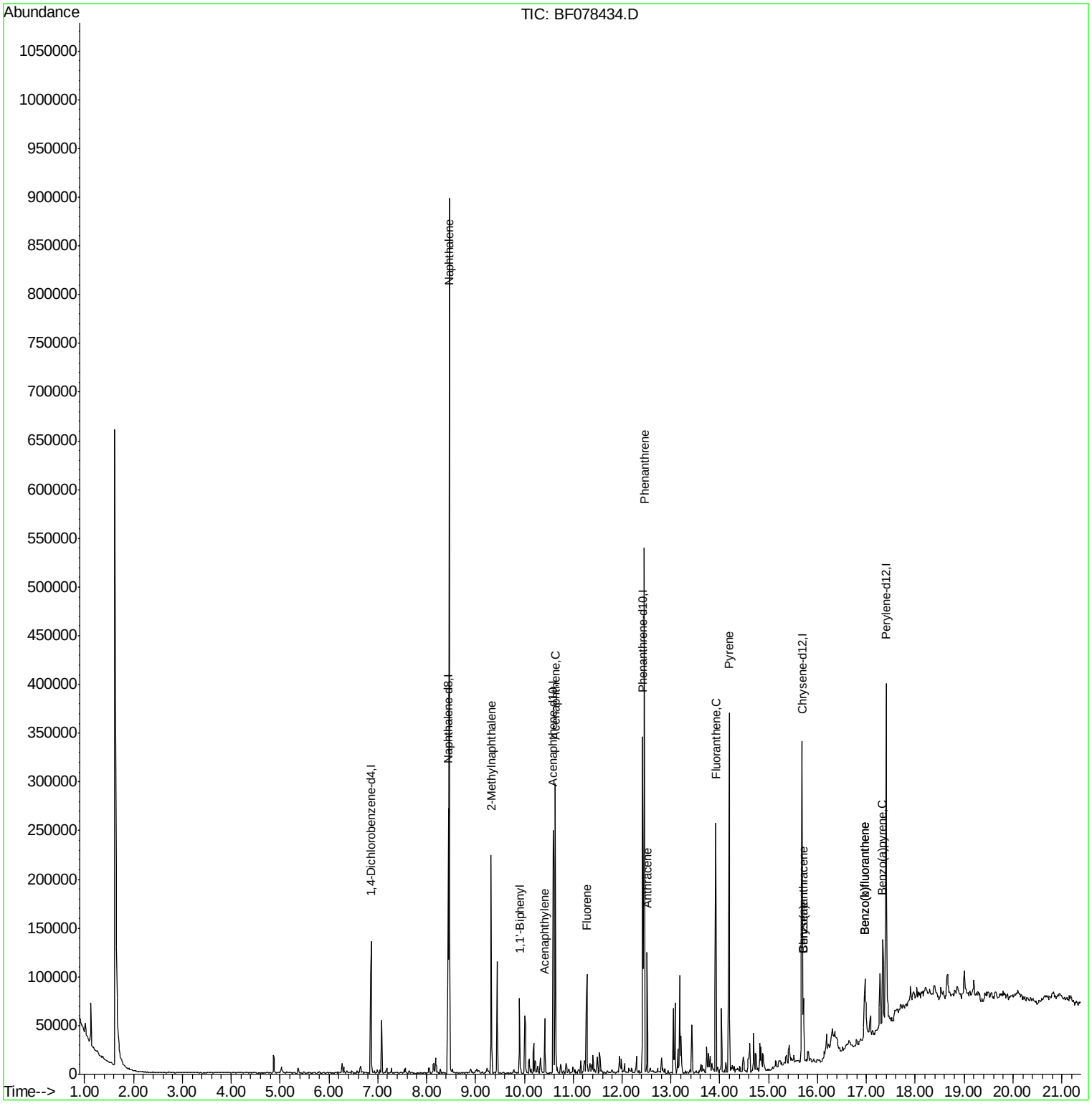
(#) = qualifier out of range (m) = manual integration (+) = signals summed

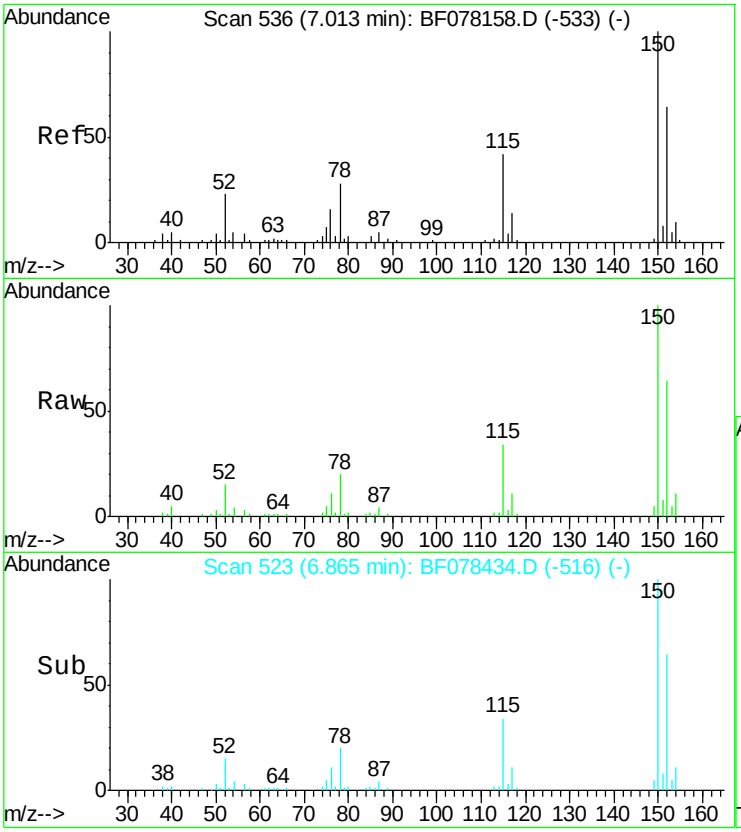
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078434.D
Acq On : 11 Apr 2015 10:21
Operator : TP/IZ
Sample : G1793-03DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3DADL2

Quant Time: Apr 13 02:21:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 11:29:31 2015
Response via : Initial Calibration



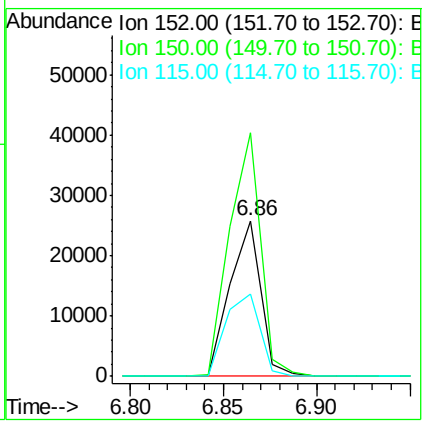


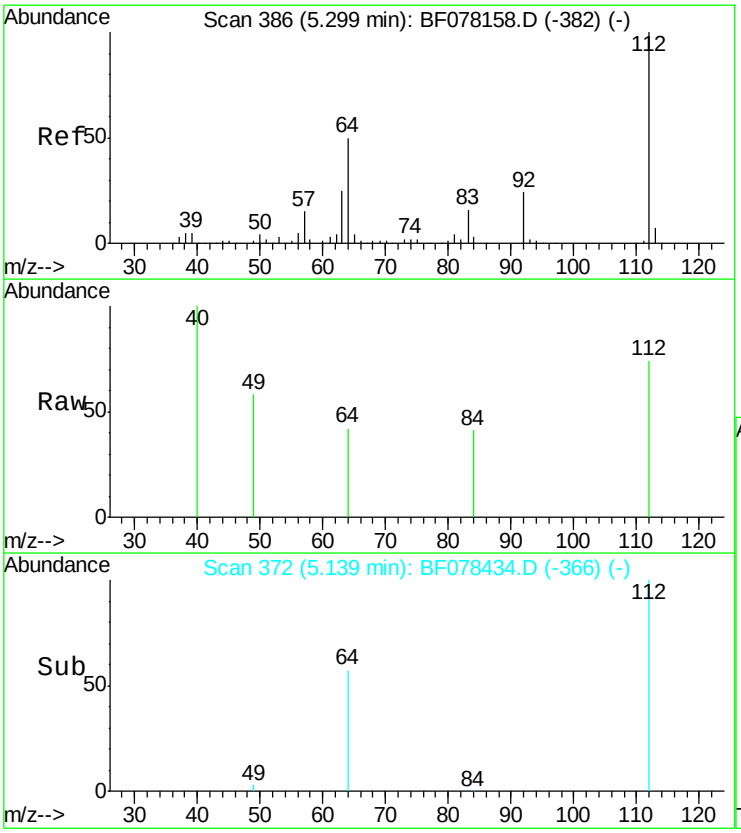
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Instrument :
BNA_F
ClientSampleId :
SB-3DADL2

Tgt Ion:152 Resp: 29979

Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.9	188.9
115	52.7	52.7	79.1#

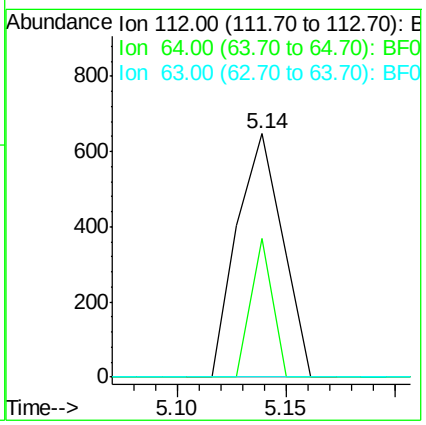


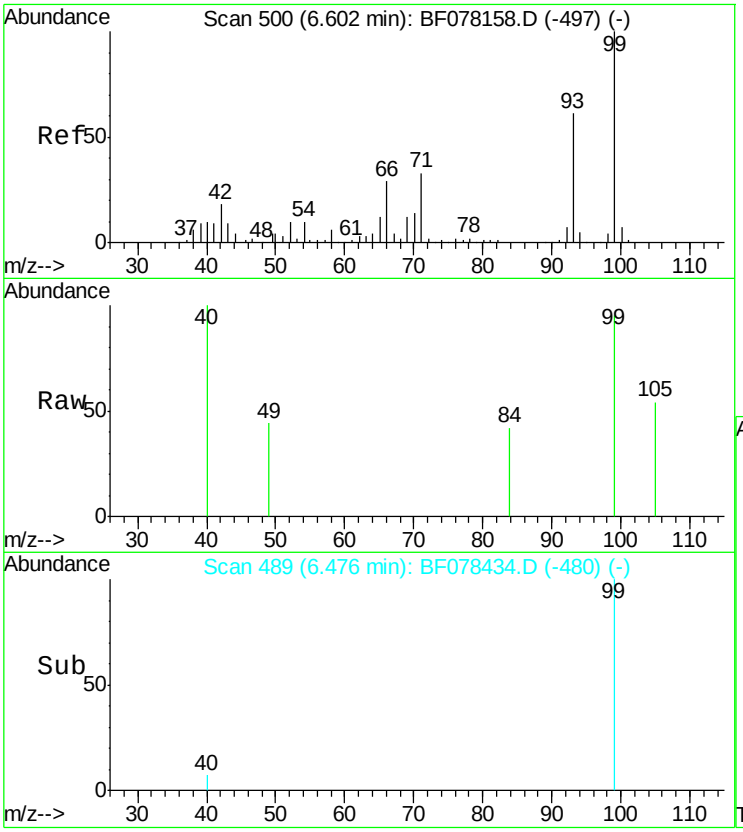


#5
2-Fluorophenol
Concen: 0.52 ng
RT: 5.14 min Scan# 372
Delta R.T. -0.03 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Tgt Ion:112 Resp: 945

Ion	Ratio	Lower	Upper
112	100		
64	56.9	39.9	59.9
63	0.0	20.2	30.4#



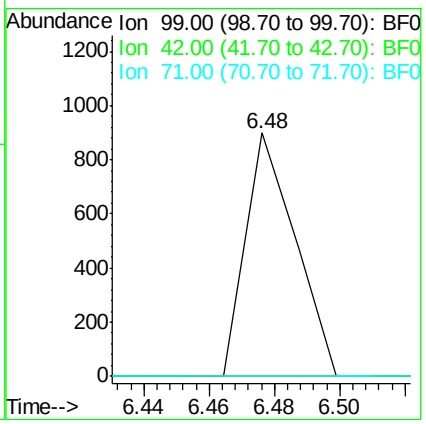


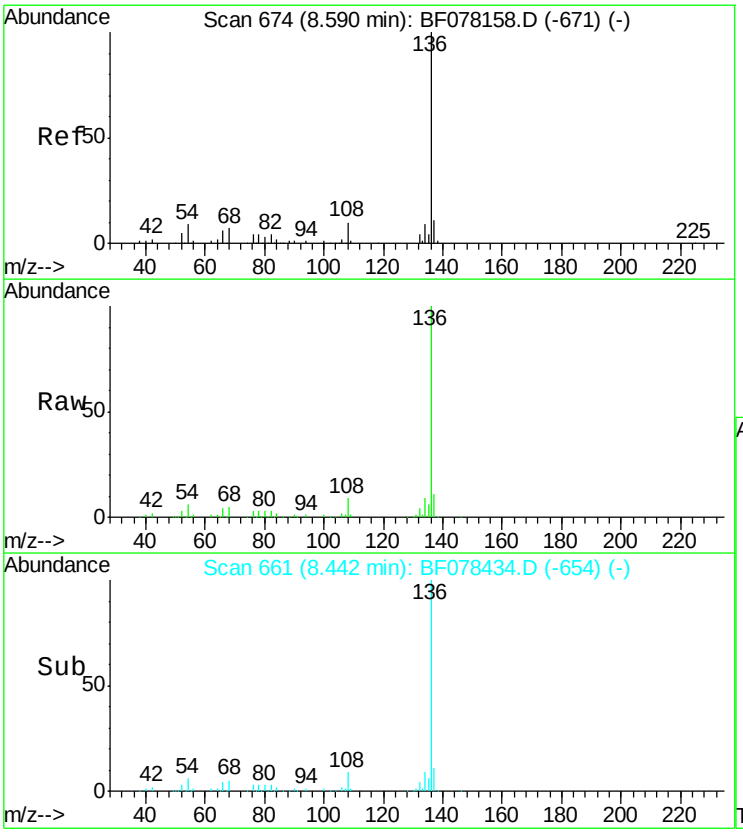
#7
Phenol-d6
Concen: 0.41 ng
RT: 6.48 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Instrument :
BNA_F
ClientSampleId :
SB-3DADL2

Tgt Ion: 99 Resp: 937

Ion	Ratio	Lower	Upper
99	100		
42	0.0	14.8	22.2#
71	0.0	26.6	39.8#

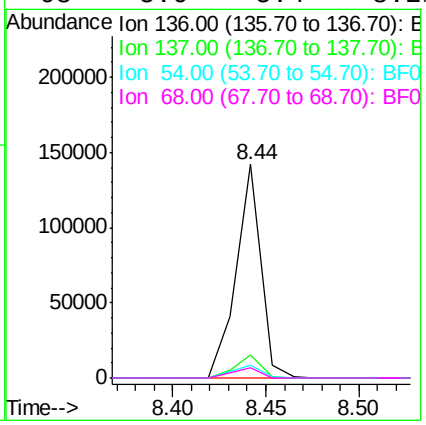


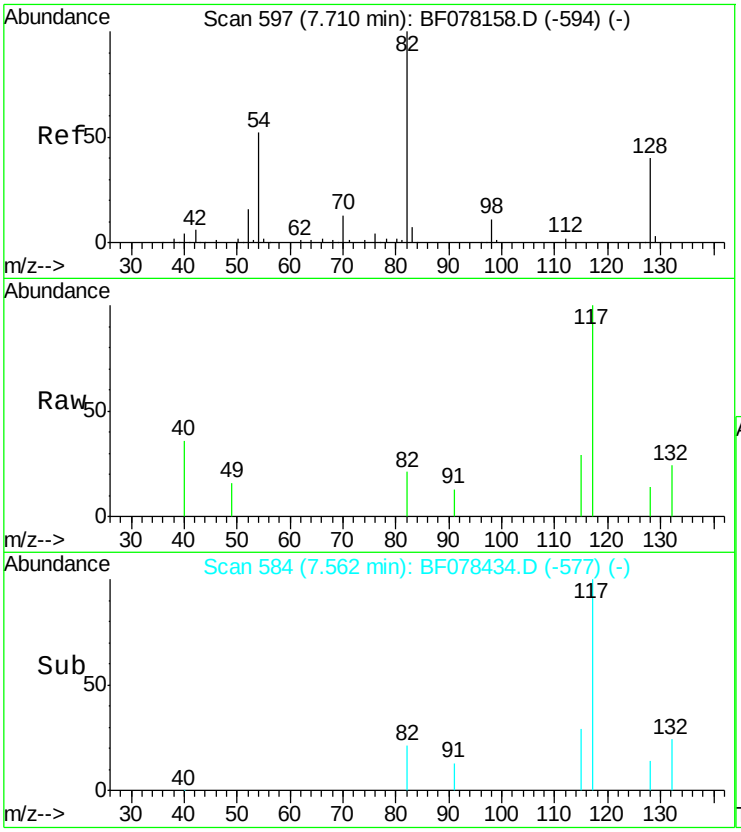


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.44 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Tgt Ion:136 Resp: 131900

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	5.8	7.0	10.6#
68	5.0	5.4	8.2#



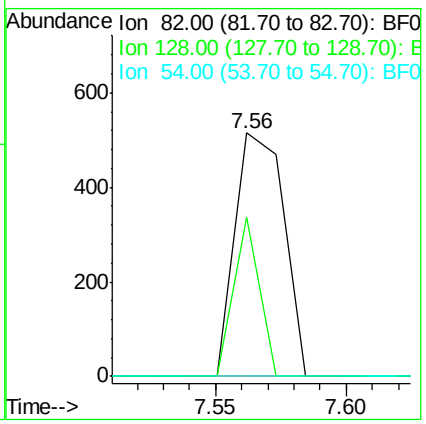


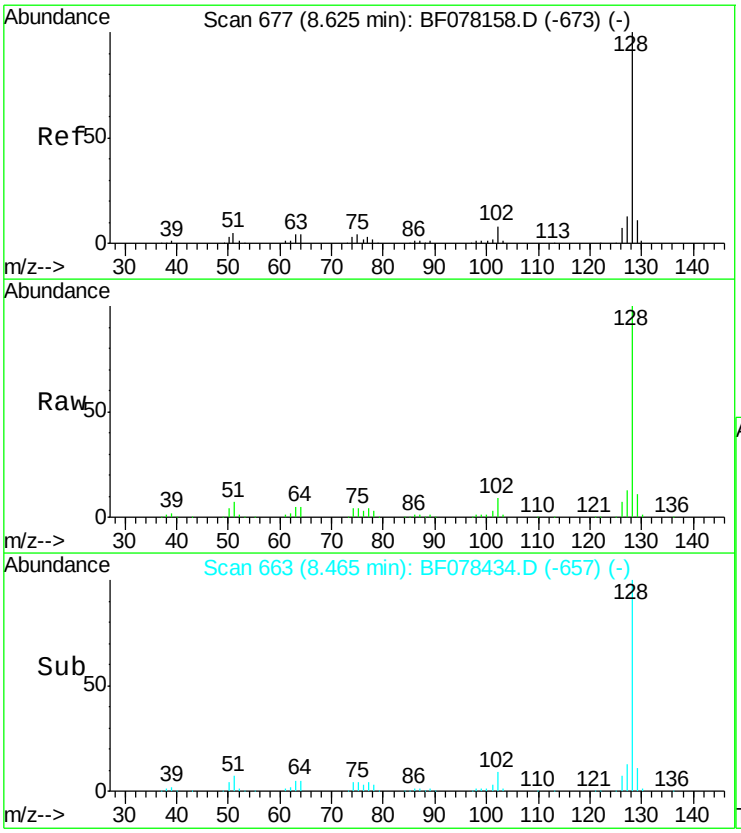
#23
Nitrobenzene-d5
Concen: 0.31 ng
RT: 7.56 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Instrument :
BNA_F
ClientSampleId :
SB-3DADL2

Tgt Ion: 82 Resp: 675

Ion	Ratio	Lower	Upper
82	100		
128	65.2	31.8	47.8#
54	0.0	41.5	62.3#

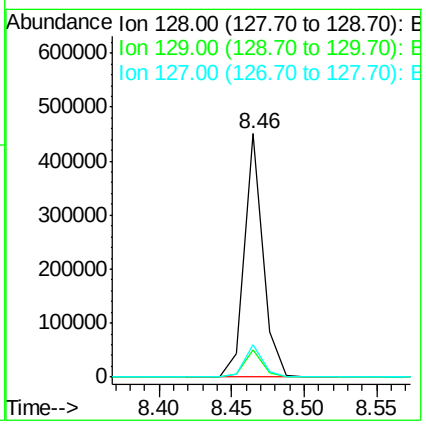


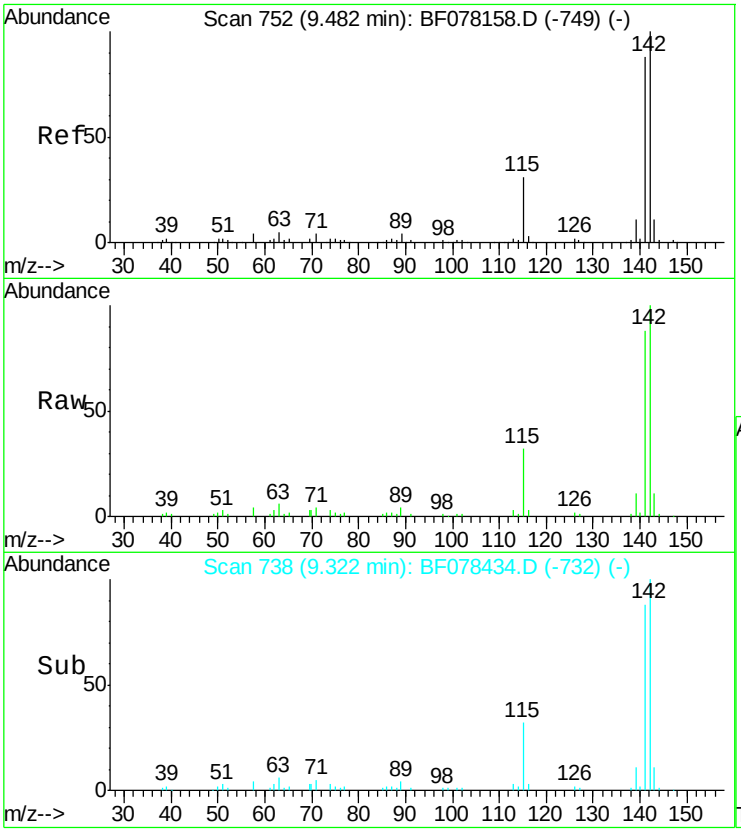


#31
Naphthalene
Concen: 58.26 ng
RT: 8.46 min Scan# 663
Delta R.T. -0.03 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Tgt Ion:128 Resp: 399937

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.1	10.7	16.1



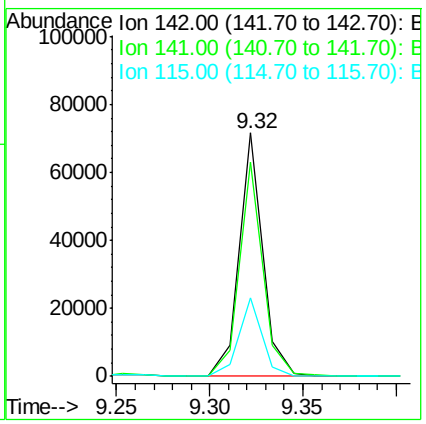


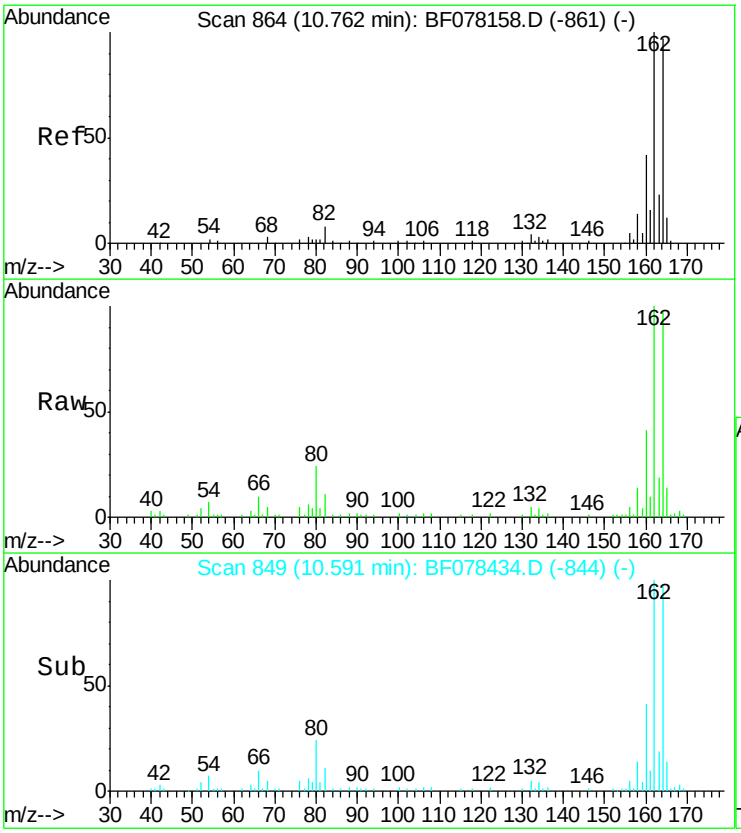
#37
2-Methylnaphthalene
Concen: 13.50 ng
RT: 9.32 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Instrument :
BNA_F
ClientSampleId :
SB-3DADL2

Tgt Ion:142 Resp: 62930

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
115	32.5	24.6	37.0

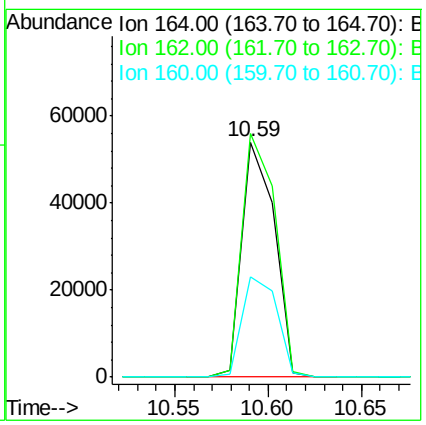


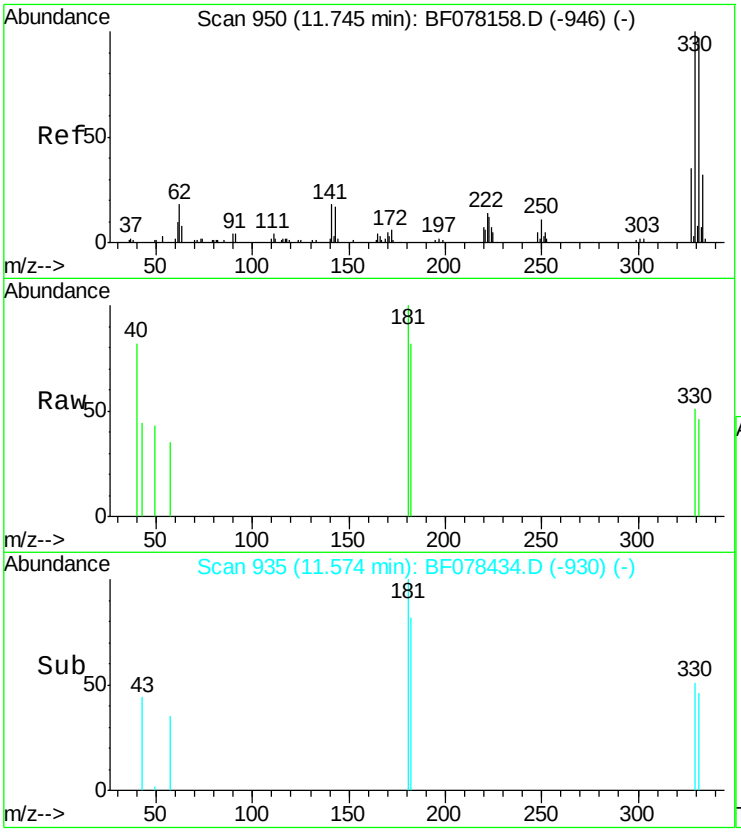


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.59 min Scan# 849
Delta R.T. -0.05 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Tgt Ion:164 Resp: 66233

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.2	123.2
160	42.4	34.7	52.1



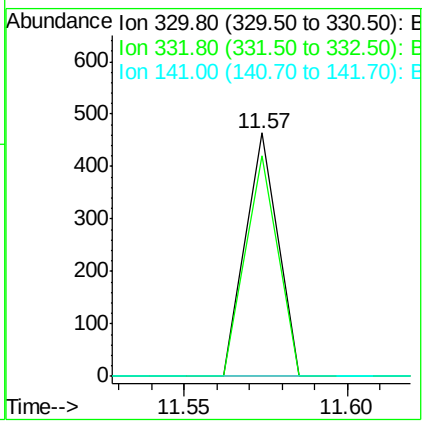


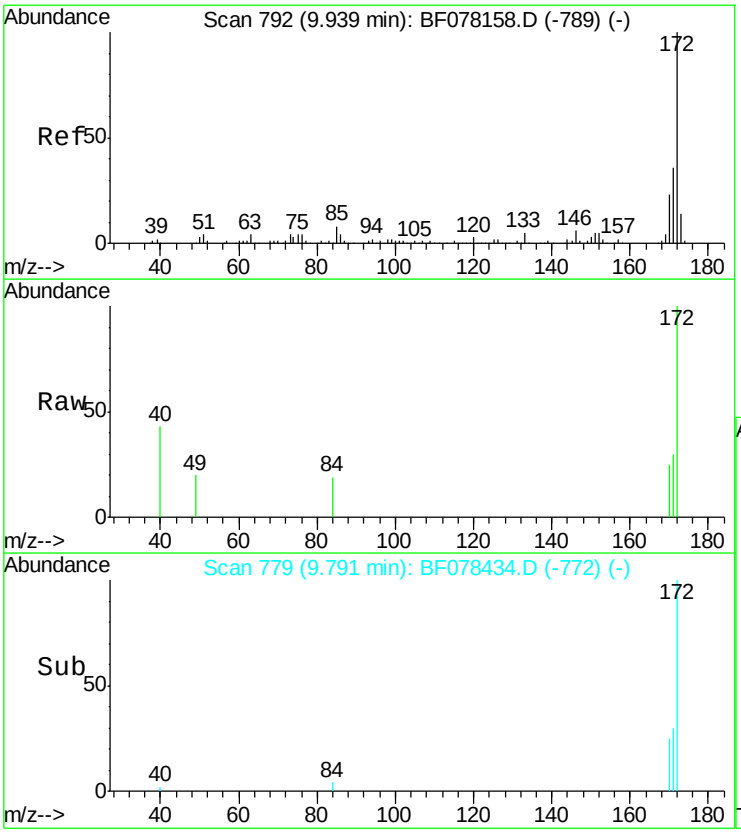
#41
2,4,6-Tribromophenol
Concen: 0.58 ng
RT: 11.57 min Scan# 935
Delta R.T. -0.05 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Instrument :
BNA_F
ClientSampleId :
SB-3DADL2

Tgt Ion:330 Resp: 318

Ion	Ratio	Lower	Upper
330	100		
332	90.9	78.6	117.8
141	0.0	31.2	46.8#

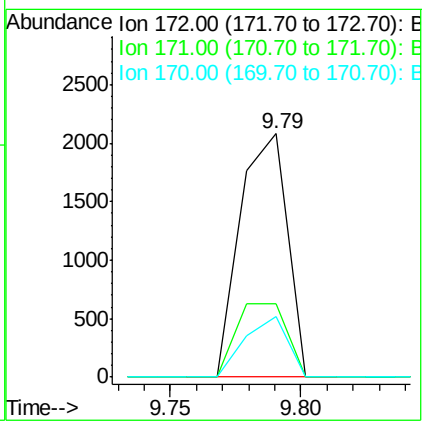


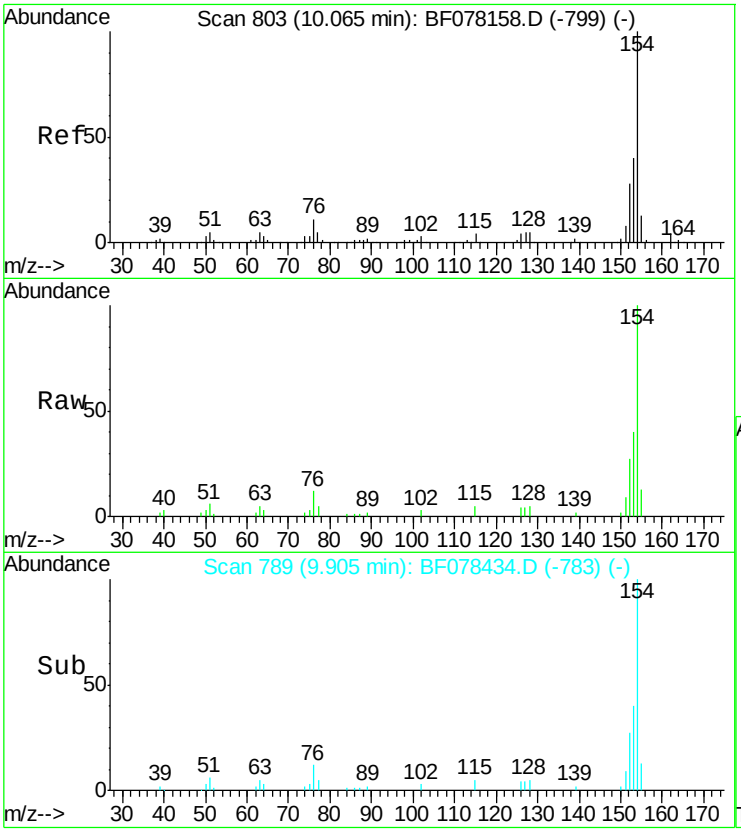


#44
2-Fluorobiphenyl
Concen: 0.57 ng
RT: 9.79 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Tgt Ion:172 Resp: 2637

Ion	Ratio	Lower	Upper
172	100		
171	29.9	28.6	42.8
170	24.7	18.5	27.7



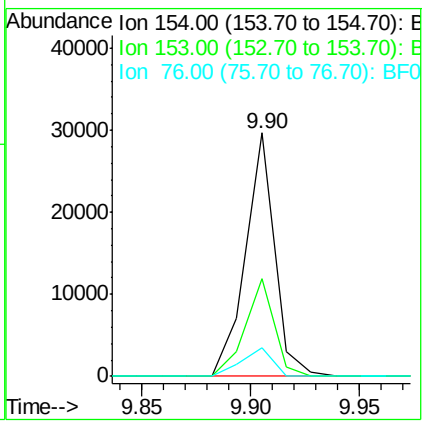


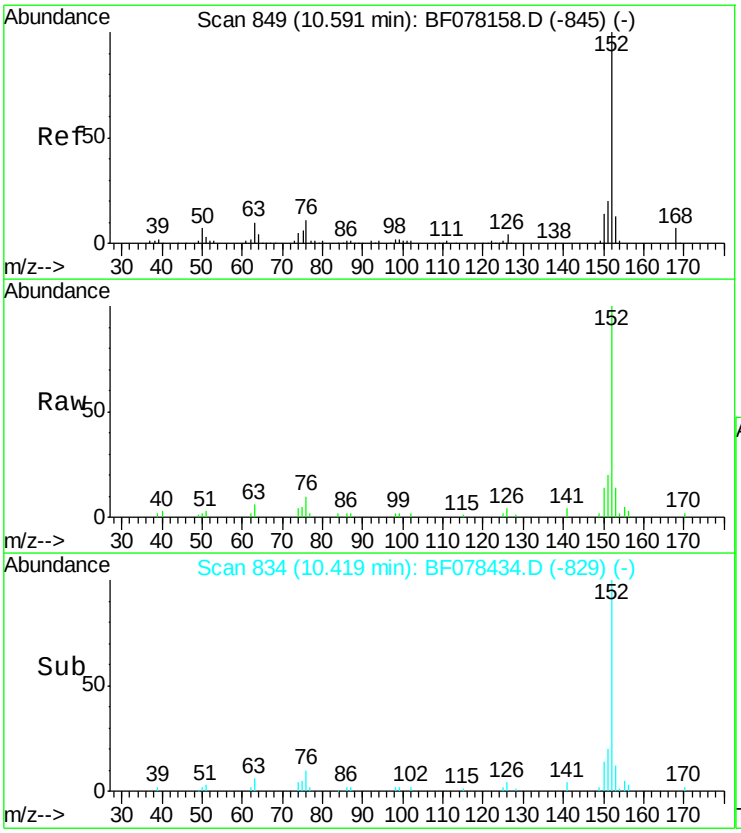
#45
1,1'-Biphenyl
Concen: 5.09 ng
RT: 9.90 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Instrument :
BNA_F
ClientSampleId :
SB-3DADL2

Tgt Ion:154 Resp: 27551

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.0	60.0
76	11.8	0.0	30.6

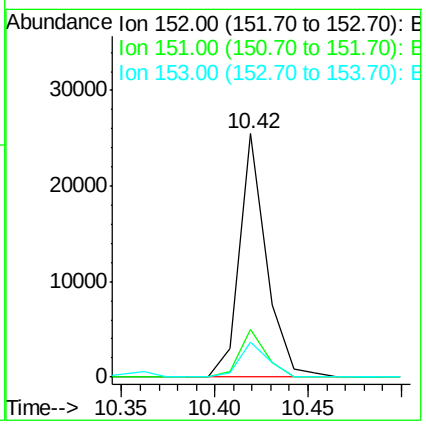


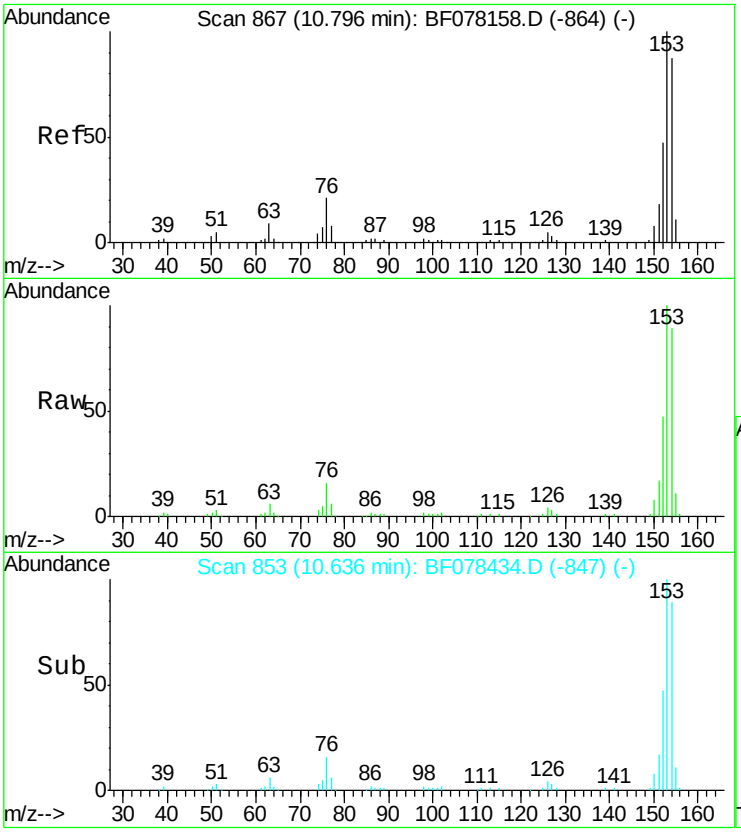


#48
Acenaphthylene
Concen: 3.72 ng
RT: 10.42 min Scan# 834
Delta R.T. -0.05 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Tgt Ion:152 Resp: 25595

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	14.4	10.2	15.2



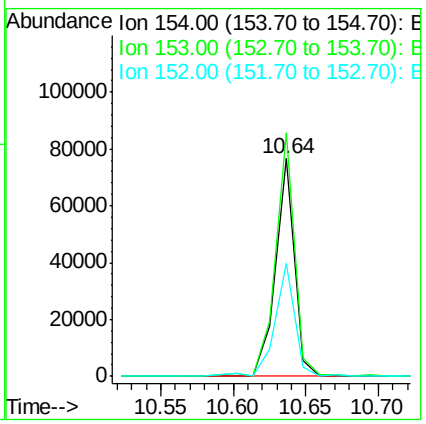


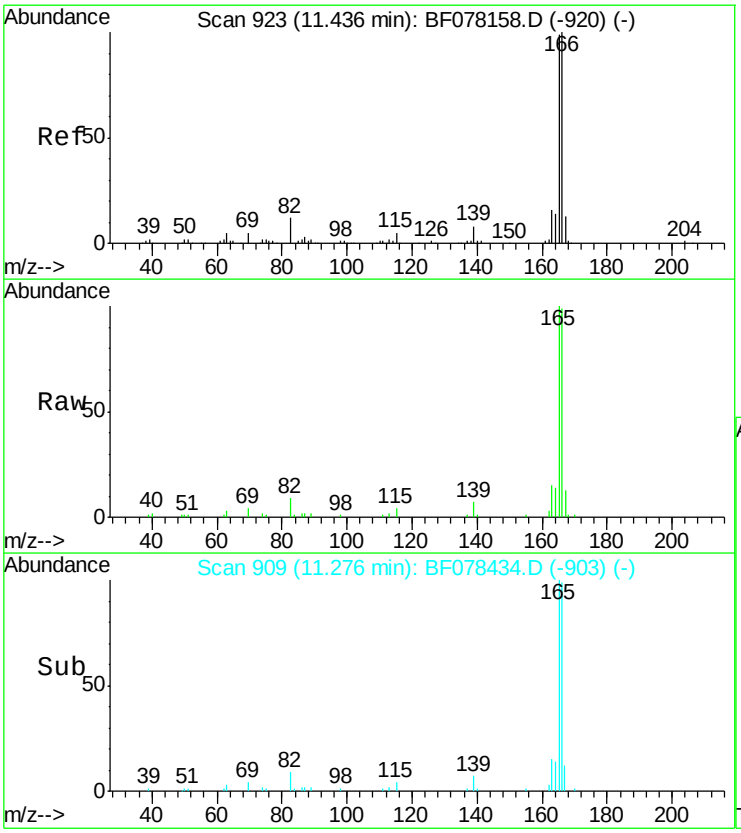
#51
Acenaphthene
Concen: 17.83 ng
RT: 10.64 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Instrument :
BNA_F
ClientSampleId :
SB-3DADL2

Tgt Ion:154 Resp: 69094

Ion	Ratio	Lower	Upper
154	100		
153	111.9	91.4	137.2
152	52.2	43.0	64.6

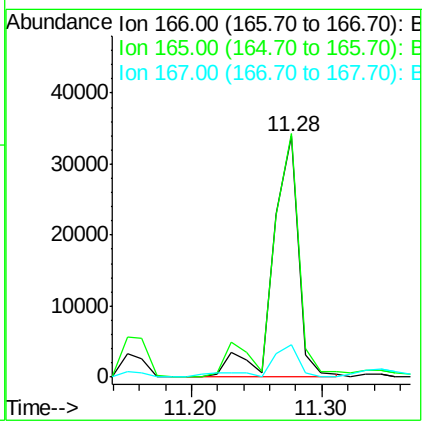


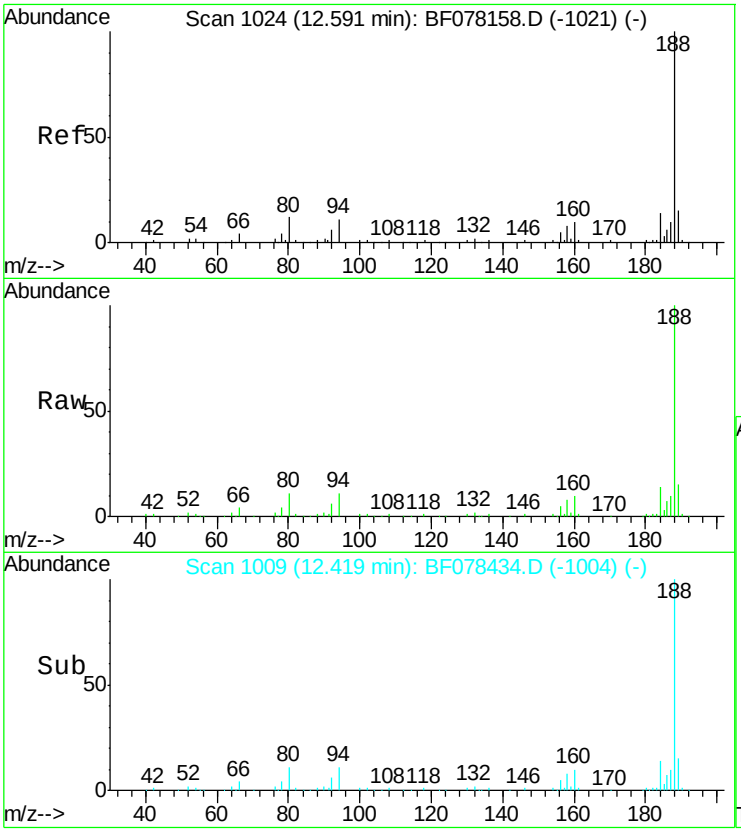


#57
Fluorene
Concen: 9.70 ng
RT: 11.28 min Scan# 909
Delta R.T. -0.03 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Tgt Ion:166 Resp: 46559

Ion	Ratio	Lower	Upper
166	100		
165	101.1	78.9	118.3
167	13.3	10.7	16.1



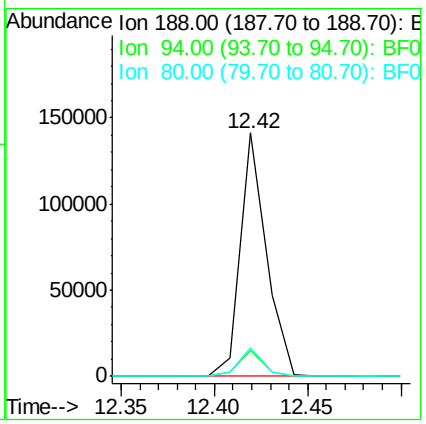


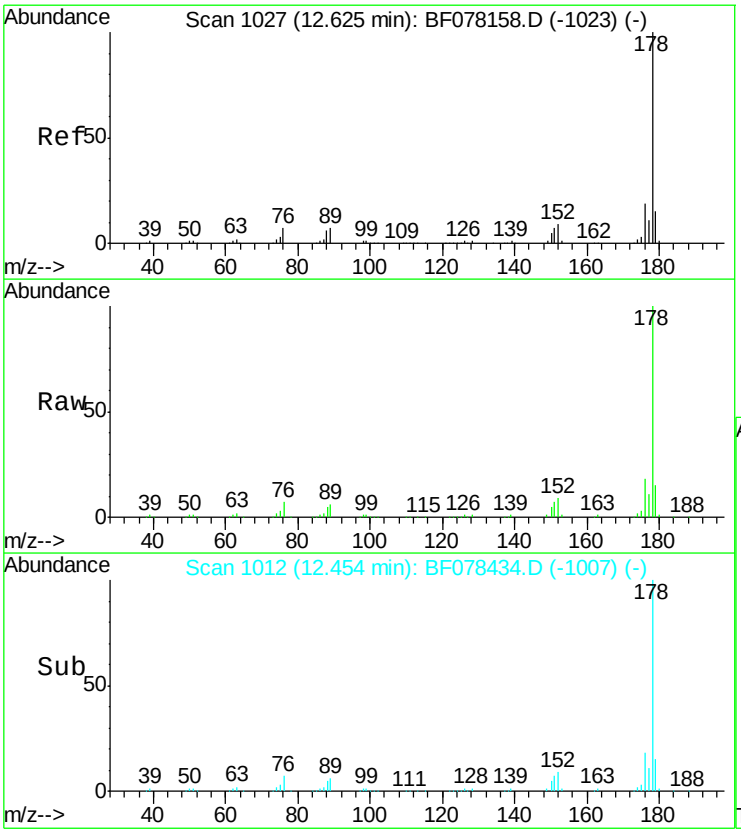
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.42 min Scan# 1009
Delta R.T. -0.05 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Instrument :
BNA_F
ClientSampleId :
SB-3DADL2

Tgt Ion:188 Resp: 137680

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.0	13.4
80	11.5	9.5	14.3

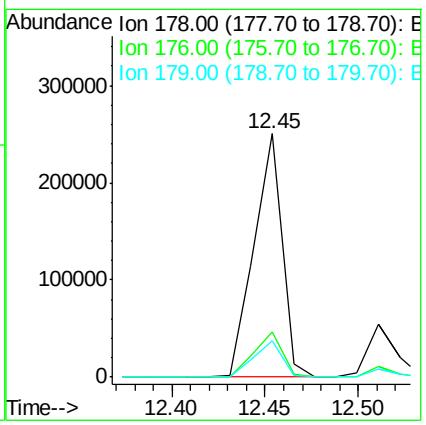


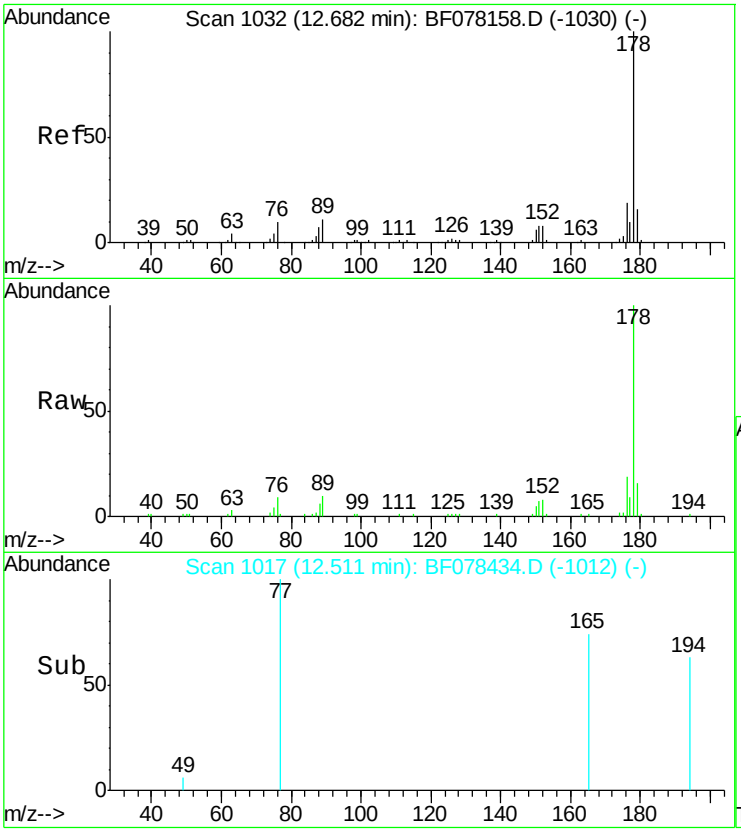


#70
Phenanthrene
Concen: 32.84 ng
RT: 12.45 min Scan# 1012
Delta R.T. -0.05 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Tgt Ion:178 Resp: 261520

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.0
179	15.0	12.2	18.2



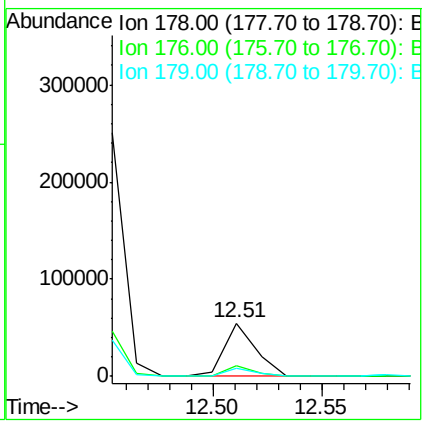


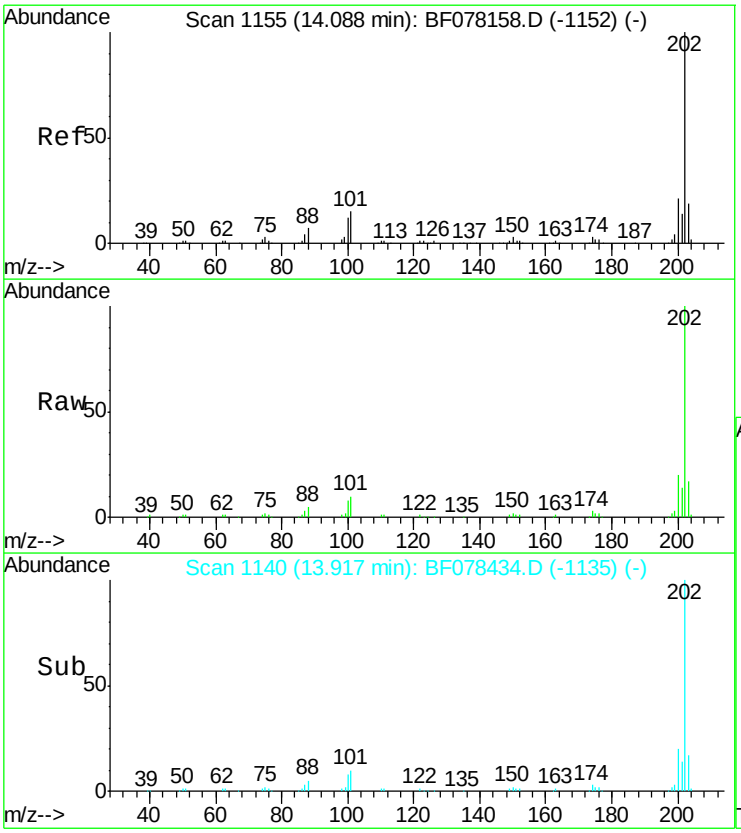
#71
Anthracene
Concen: 6.80 ng
RT: 12.51 min Scan# 1017
Delta R.T. -0.05 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Instrument :
BNA_F
ClientSampleId :
SB-3DADL2

Tgt Ion:178 Resp: 53339

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.8	22.2
179	15.8	12.4	18.6

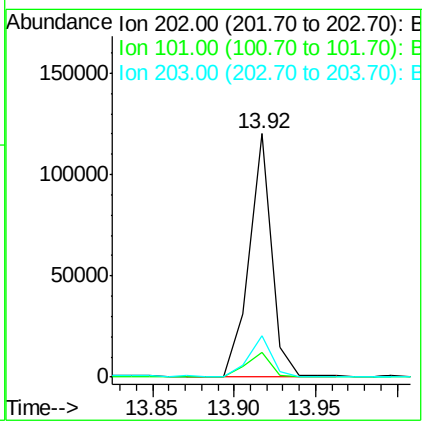


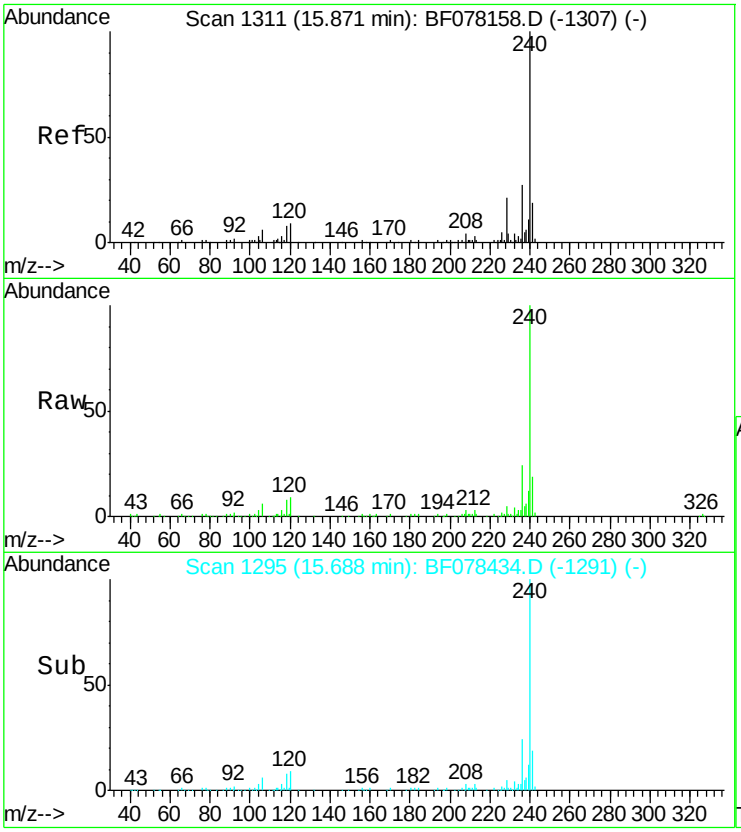


#74
Fluoranthene
Concen: 13.61 ng
RT: 13.92 min Scan# 1140
Delta R.T. -0.05 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Tgt Ion:202 Resp: 114272

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	35.2
203	16.9	0.0	38.5



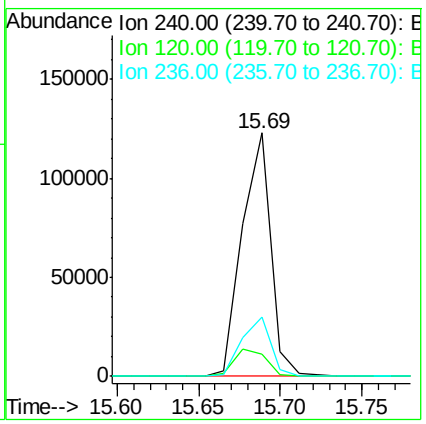


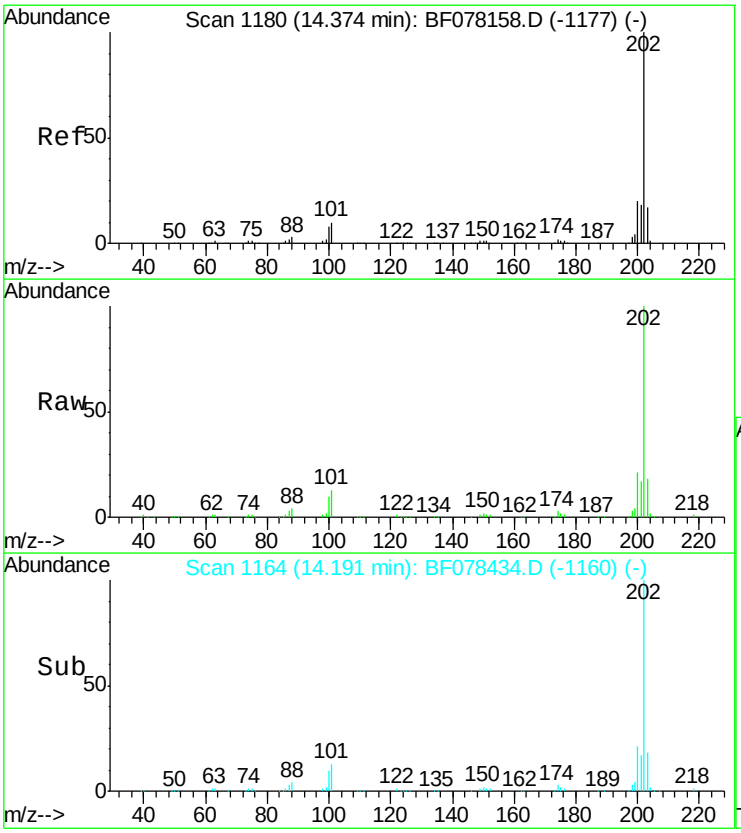
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.69 min Scan# 1295
Delta R.T. -0.06 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Instrument :
BNA_F
ClientSampleId :
SB-3DADL2

Tgt Ion:240 Resp: 149296

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.1	10.7
236	24.2	21.4	32.2

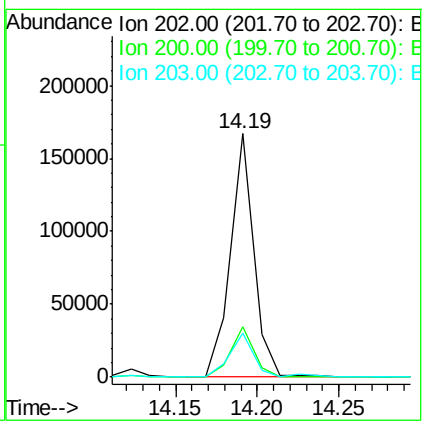


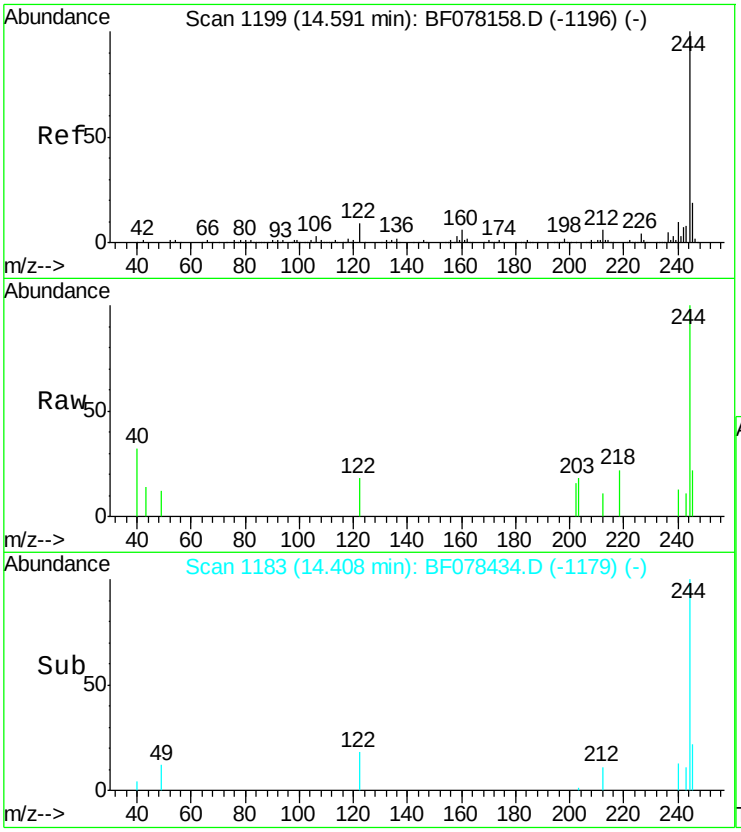


#77
Pyrene
Concen: 17.63 ng
RT: 14.19 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Tgt Ion:202 Resp: 165252

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.8	13.8	20.6



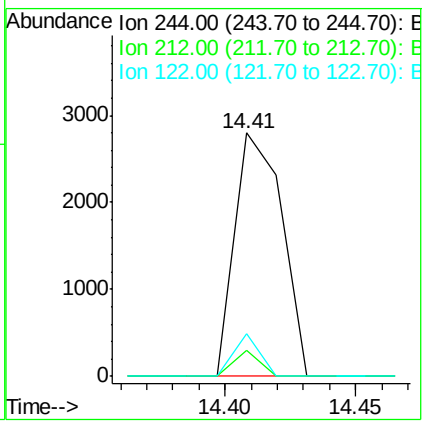


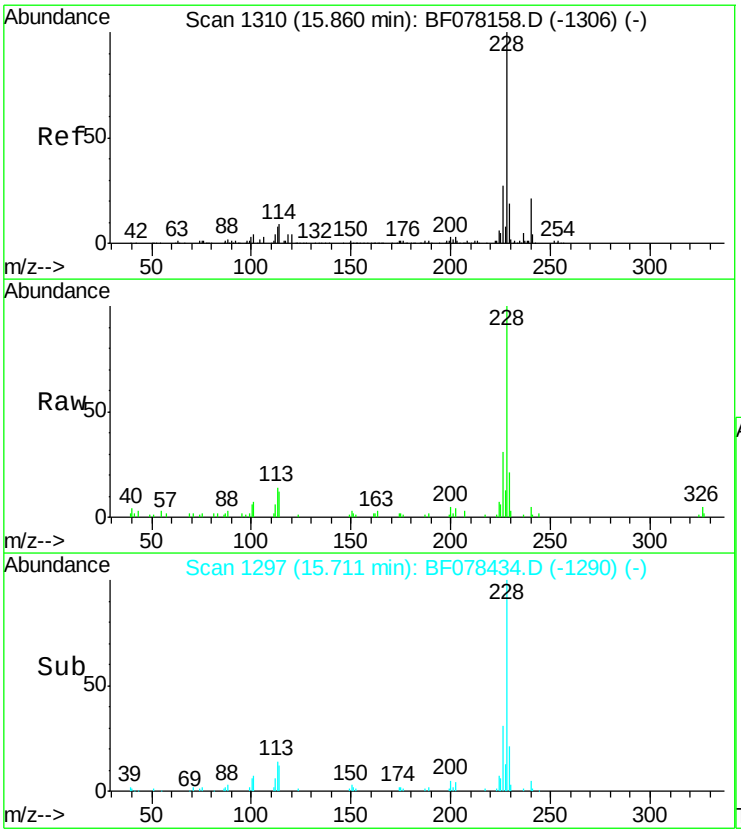
#78
Terphenyl-d14
Concen: 0.53 ng
RT: 14.41 min Scan# 1183
Delta R.T. -0.06 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Instrument :
BNA_F
ClientSampleId :
SB-3DADL2

Tgt Ion:244 Resp: 3503

Ion	Ratio	Lower	Upper
244	100		
212	10.8	5.0	7.4#
122	17.7	7.1	10.7#

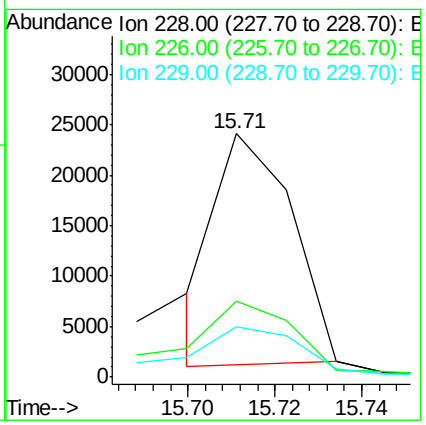


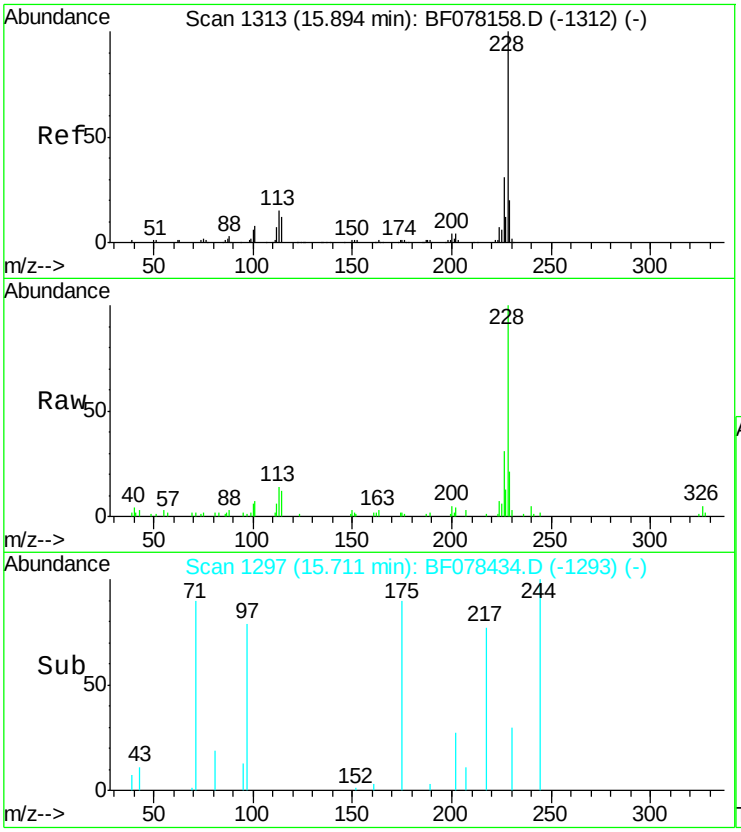


#80
Benzo(a)anthracene
Concen: 3.12 ng
RT: 15.71 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Tgt Ion:228 Resp: 27711

Ion	Ratio	Lower	Upper
228	100		
226	30.9	21.3	31.9
229	20.9	15.4	23.2



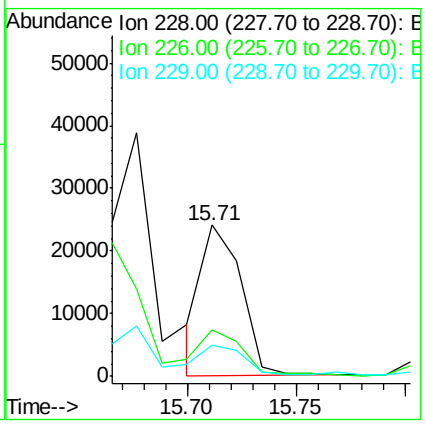


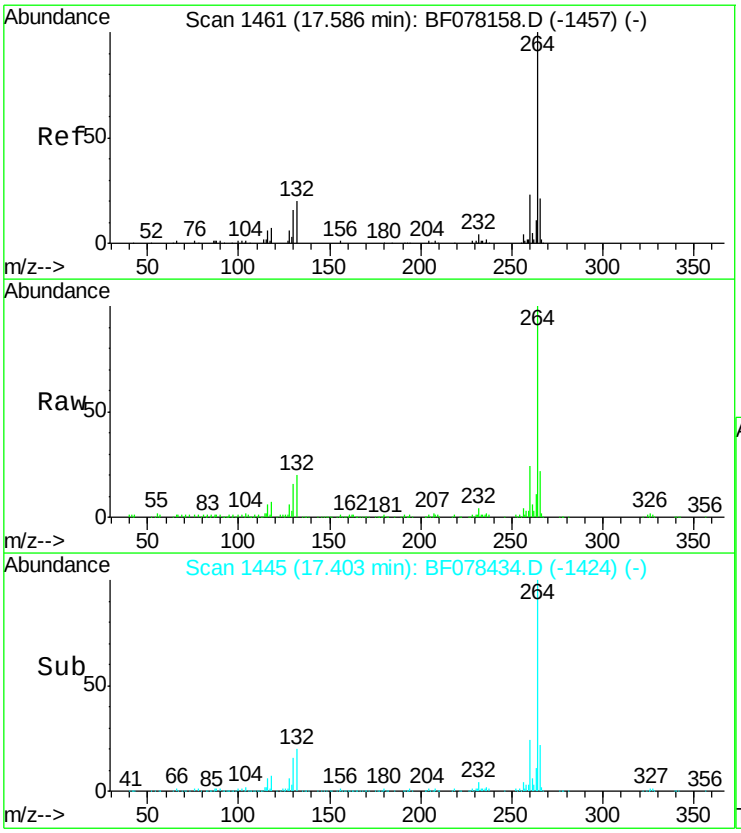
#82
Chrysene
Concen: 3.60 ng
RT: 15.71 min Scan# 1297
Delta R.T. -0.06 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Instrument :
BNA_F
ClientSampleId :
SB-3DADL2

Tgt Ion:228 Resp: 30036

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.4
229	20.9	15.8	23.8

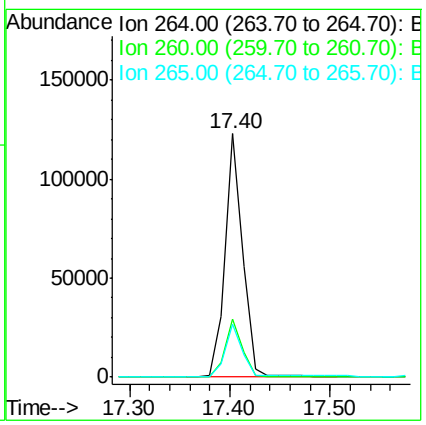


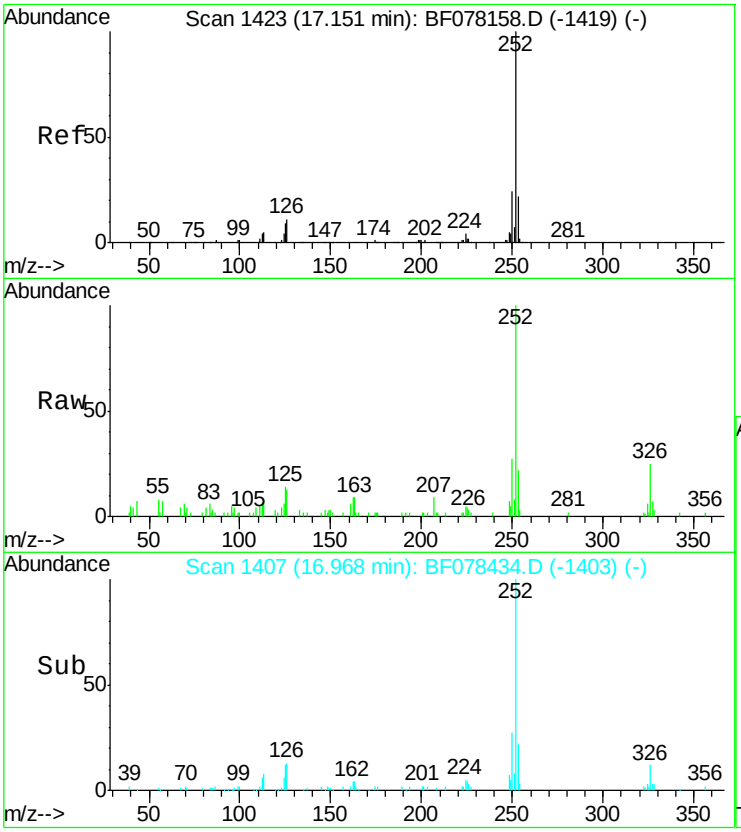


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.40 min Scan# 1445
Delta R.T. -0.06 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Tgt Ion:264 Resp: 149767

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.5	17.0	25.6



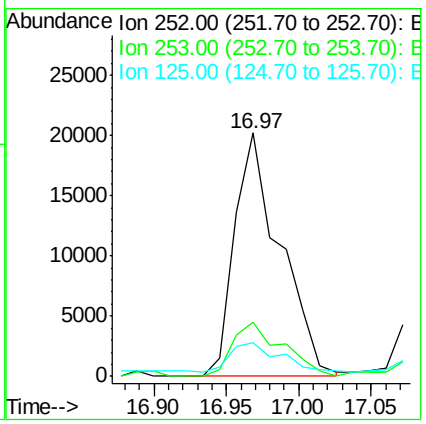


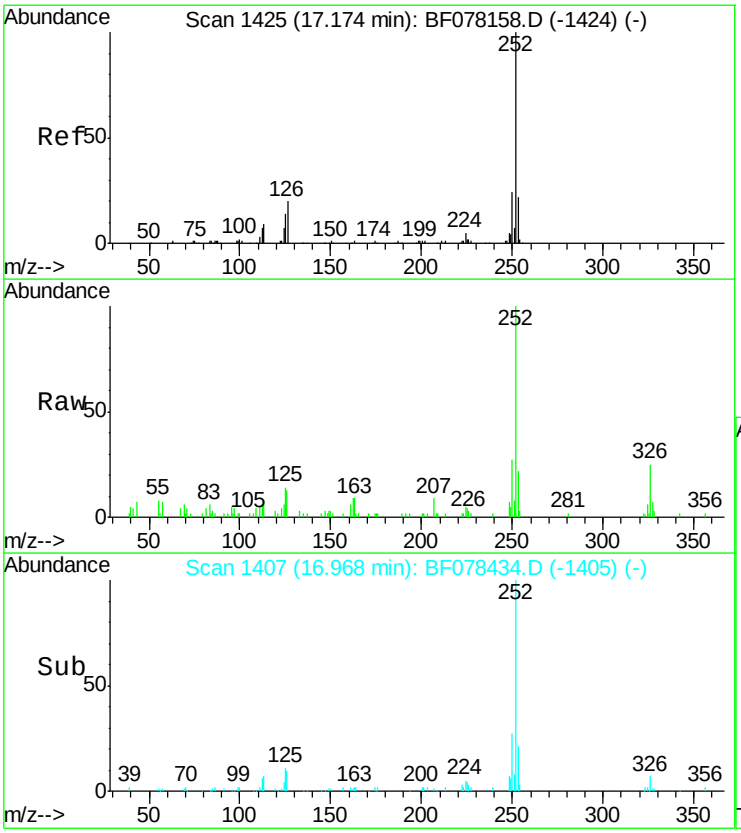
#87
Benzo(b)fluoranthene
Concen: 4.76 ng
RT: 16.97 min Scan# 1407
Delta R.T. -0.06 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Instrument :
BNA_F
ClientSampleId :
SB-3DADL2

Tgt Ion:252 Resp: 44024

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	13.9	7.0	10.4#

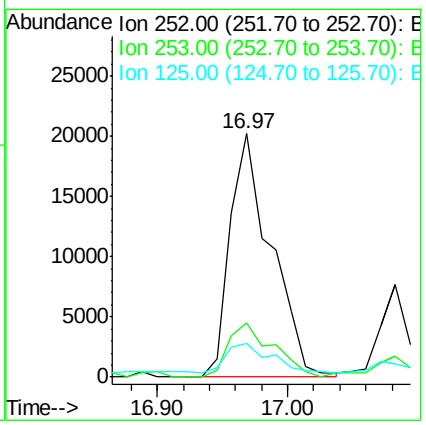


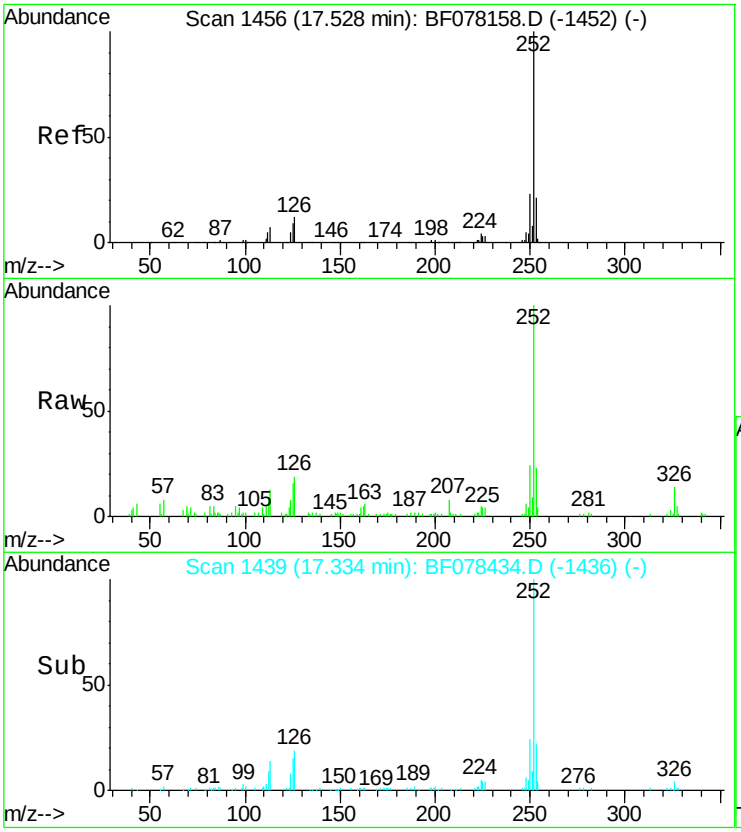


#88
Benzo(k)fluoranthene
Concen: 5.38 ng
RT: 16.97 min Scan# 1407
Delta R.T. -0.08 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Tgt Ion:252 Resp: 44277

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	13.9	11.6	17.4





#89
Benzo(a)pyrene
Concen: 4.95 ng
RT: 17.33 min Scan# 1439
Delta R.T. -0.07 min
Lab File: BF078434.D
Acq: 11 Apr 2015 10:21

Instrument :
BNA_F
ClientSampleId :
SB-3DADL2

Tgt Ion:252 Resp: 39954

Ion	Ratio	Lower	Upper
252	100		
253	23.3	16.8	25.2
125	16.1	7.4	11.0#