Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
Data File : BF078708.D
Acq On : 22 Apr 2015 6:07
Operator : TP/IZ
Sample : G1891-12DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-69SDL

Quant Time: Apr 22 06:52:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 05:03:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	31710	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	134294	20.00	ng		-0.01
38) Acenaphthene-d10	11.16	164	68750	20.00	ng		-0.01
63) Phenanthrene-d10	13.90	188	133832	20.00	ng		-0.01
75) Chrysene-d12	17.77	240	147002	20.00	ng		0.00
86) Perylene-d12	19.46	264	151024	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	3.84	112	36002	18.72	ng		0.00
7) Phenol-d6	5.32	99	47542	19.72	ng		0.00
23) Nitrobenzene-d5	6.75	82	27123	12.24	ng		-0.01
41) 2,4,6-Tribromophenol	12.64	330	11157	19.57	ng		-0.01
44) 2-Fluorobiphenyl	9.99	172	62620	13.02	ng		-0.01
78) Terphenyl-d14	16.43	244	73910	11.36	ng		0.00
Target Compounds							Qvalue
51) Acenaphthene	11.22	154	14451	3.59	ng		97
54) Dibenzofuran	11.55	168	14229	2.32	ng		96
55) 4-Nitrophenol	11.55	139	4993	8.18	ng	#	18
57) Fluorene	12.18	166	16710	3.36	ng		99
70) Phenanthrene	13.94	178	208071	26.88	ng		99
71) Anthracene	14.03	178	48192	6.32	ng		99
72) Carbazole	14.37	167	16503	2.31	ng		97
74) Fluoranthene	15.83	202	237659	29.11	ng		98
77) Pyrene	16.14	202	220206	23.86	ng		96
80) Benzo(a)anthracene	17.76	228	102972	11.77	ng		98
82) Chrysene	17.79	228	93166	11.34	ng		98
85) Indeno(1,2,3-cd)pyrene	20.63	276	53988	5.79	ng	#	83
87) Benzo(b)fluoranthene	19.04	252	153051	16.40	ng	#	97
88) Benzo(k)fluoranthene	19.04	252	153632	18.52	ng	#	97
89) Benzo(a)pyrene	19.41	252	88790	10.90	ng		96
91) Benzo(g,h,i)perylene	20.94	276	51373	6.28	ng		97

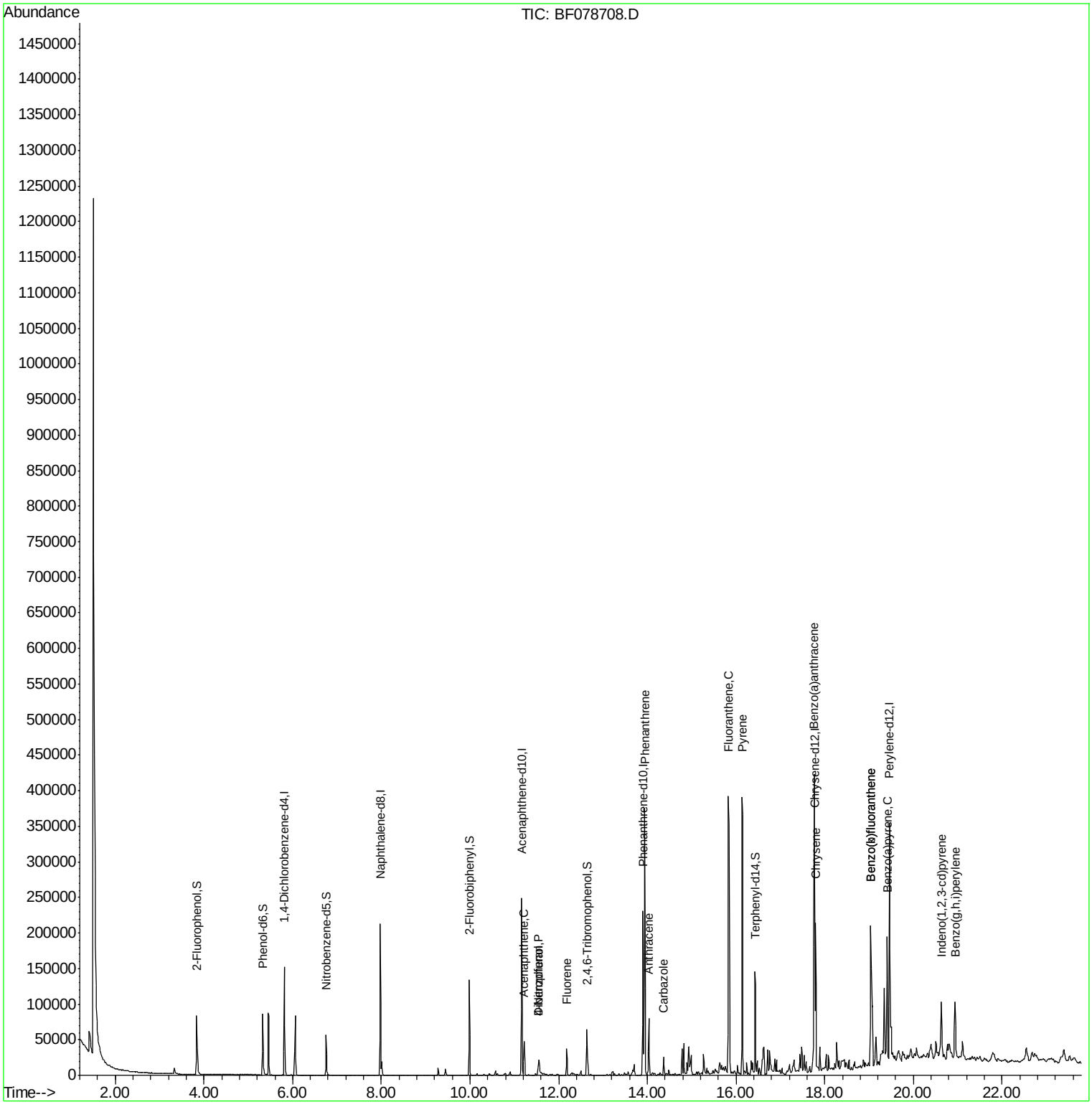
(#) = qualifier out of range (m) = manual integration (+) = signals summed

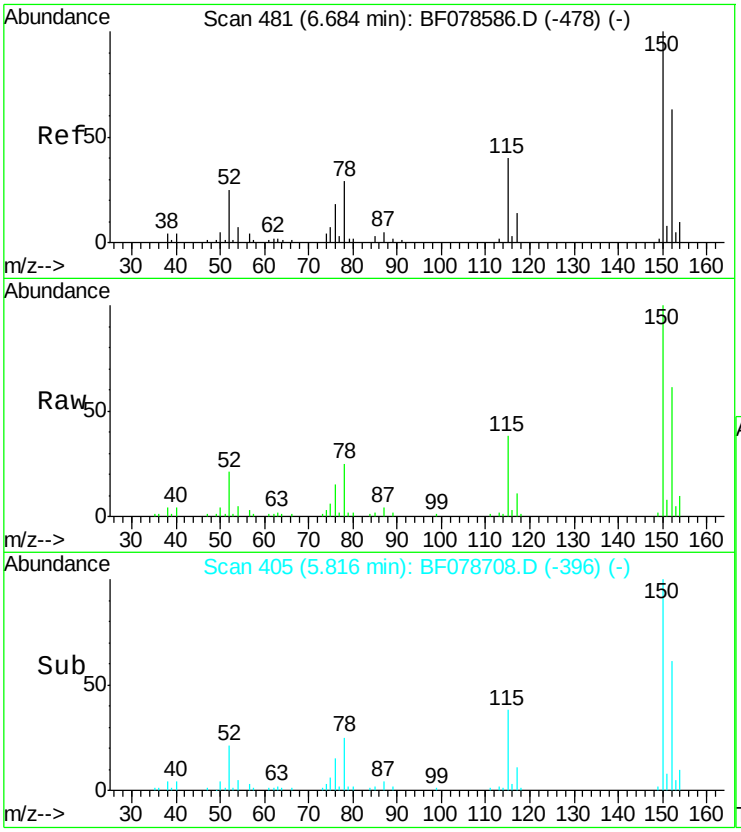
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
Data File : BF078708.D
Acq On : 22 Apr 2015 6:07
Operator : TP/IZ
Sample : G1891-12DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-69SDL

Quant Time: Apr 22 06:52:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 05:03:12 2015
Response via : Initial Calibration



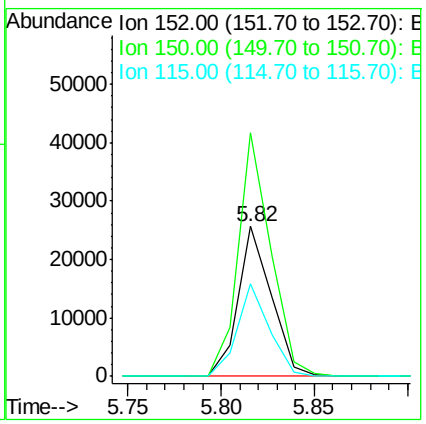


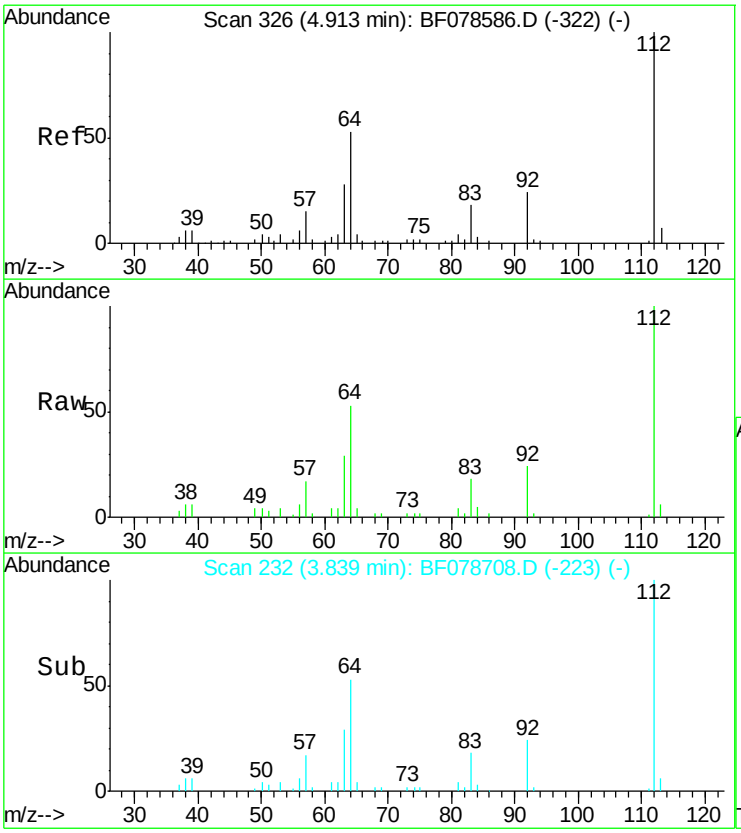
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Instrument :
BNA_F
ClientSampleId :
SB-69SDL

Tgt Ion:152 Resp: 31710

Ion	Ratio	Lower	Upper
152	100		
150	162.8	125.9	188.9
115	62.3	52.7	79.1

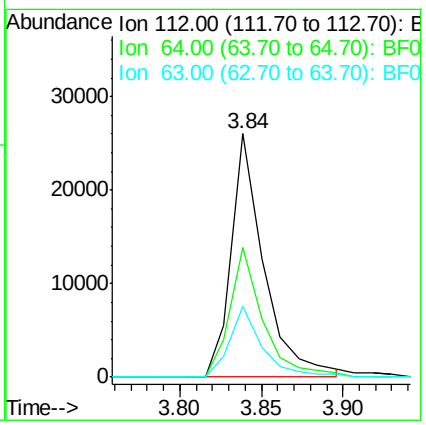


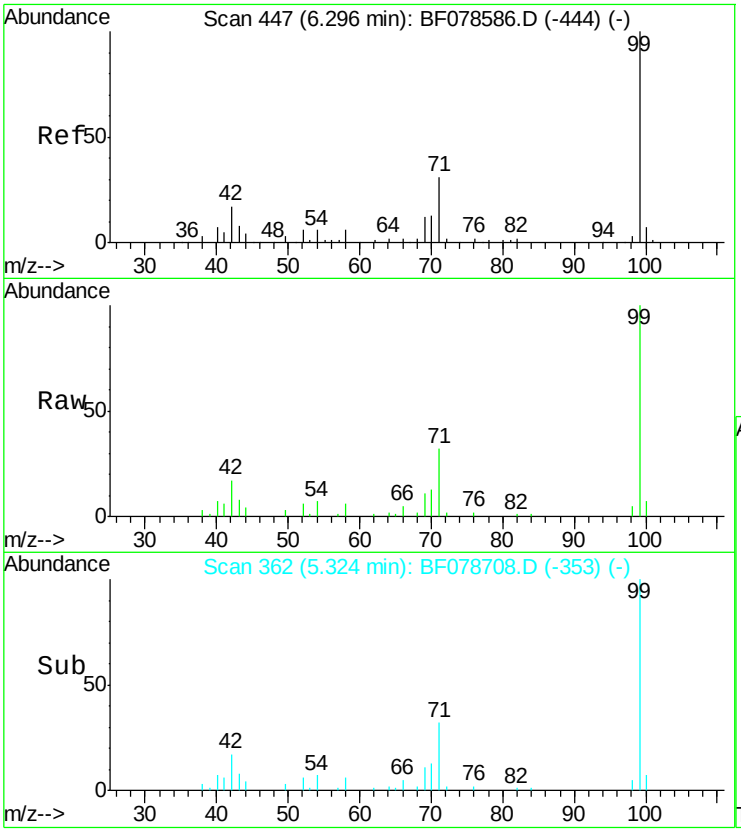


#5
2-Fluorophenol
Concen: 18.72 ng
RT: 3.84 min Scan# 232
Delta R.T. 0.00 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Tgt Ion:112 Resp: 36002

Ion	Ratio	Lower	Upper
112	100		
64	53.4	39.9	59.9
63	28.9	20.2	30.4



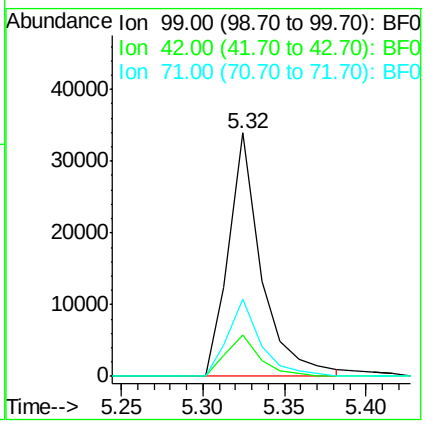


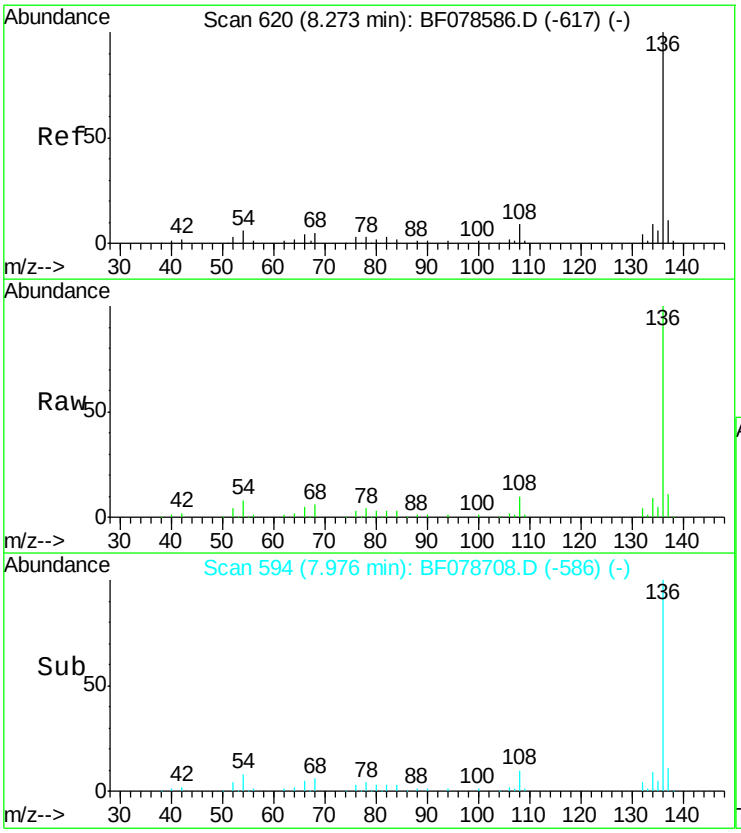
#7
Phenol-d6
Concen: 19.72 ng
RT: 5.32 min Scan# 362
Delta R.T. 0.00 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Instrument :
BNA_F
ClientSampleId :
SB-69SDL

Tgt Ion: 99 Resp: 47542

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.8	22.2
71	31.5	26.6	39.8

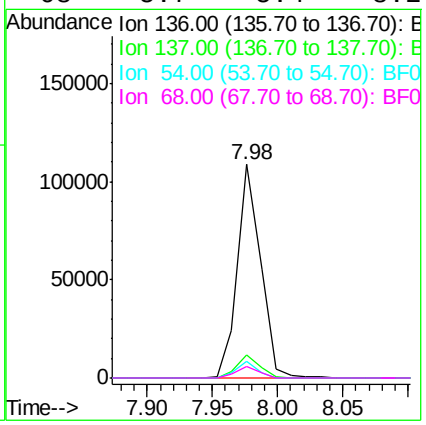


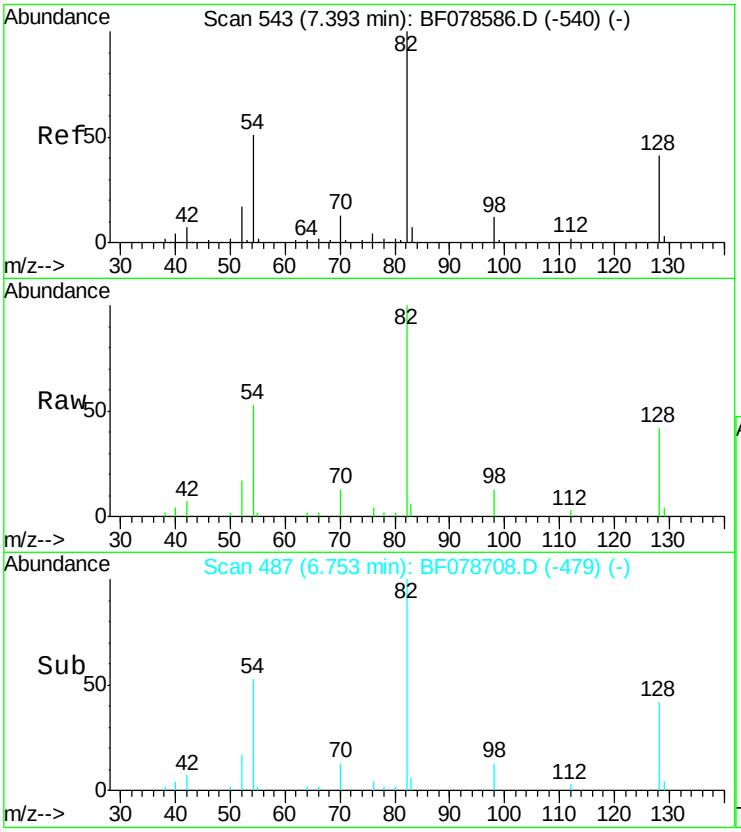


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Tgt Ion:136 Resp: 134294

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.6	7.0	10.6
68	5.7	5.4	8.2



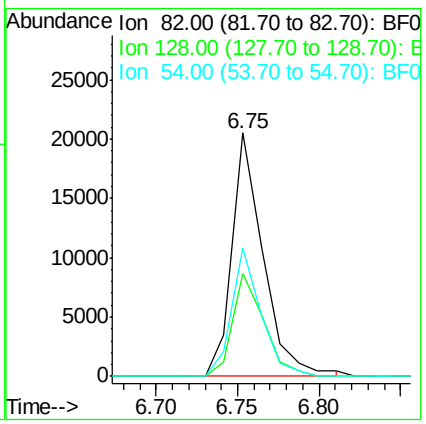


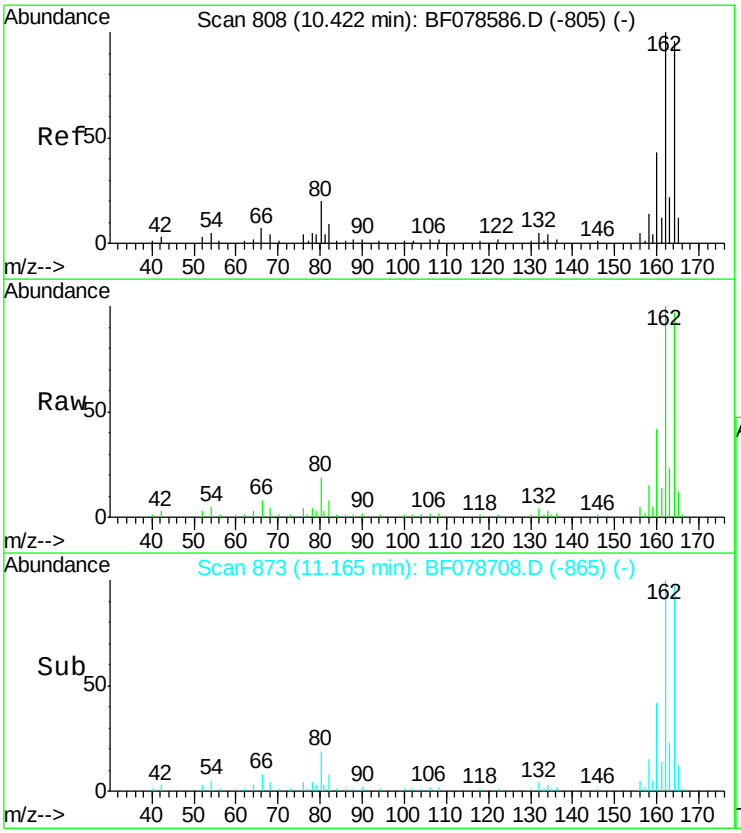
#23
Nitrobenzene-d5
Concen: 12.24 ng
RT: 6.75 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Instrument :
BNA_F
ClientSampleId :
SB-69SDL

Tgt Ion: 82 Resp: 27123

Ion	Ratio	Lower	Upper
82	100		
128	42.2	31.8	47.8
54	52.6	41.5	62.3

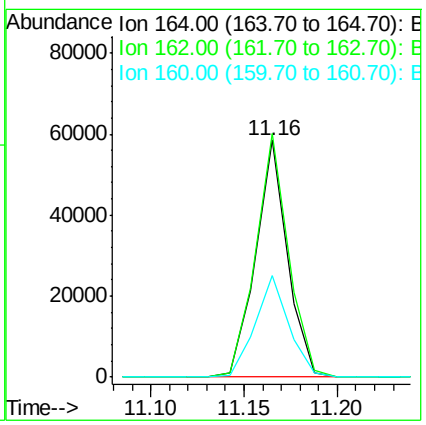


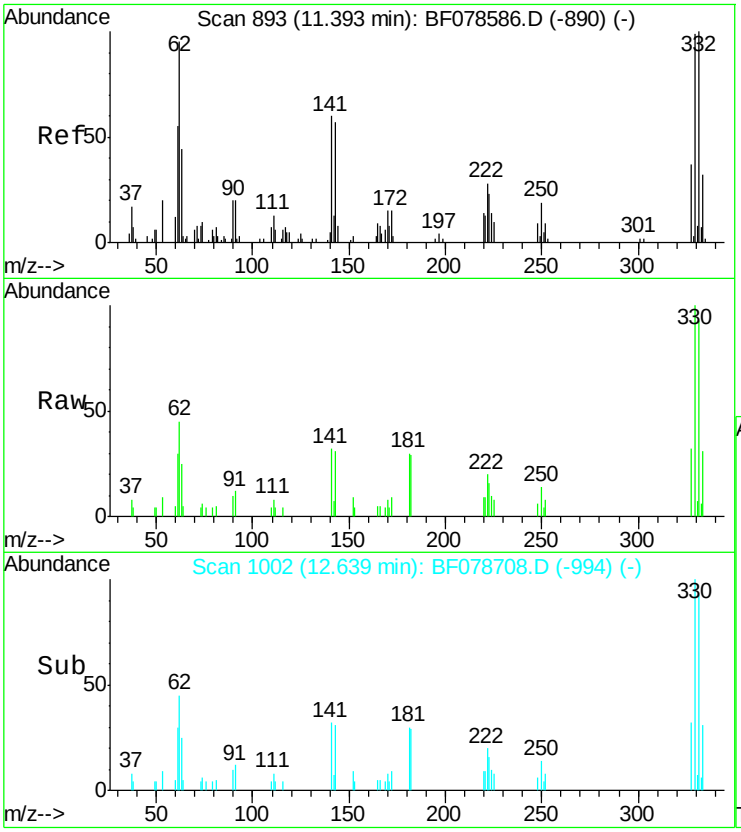


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Tgt Ion:164 Resp: 68750

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.2	123.2
160	43.0	34.7	52.1



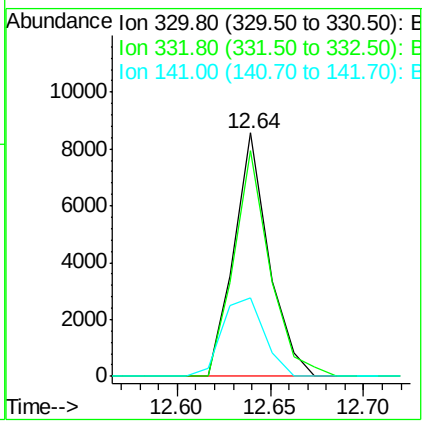


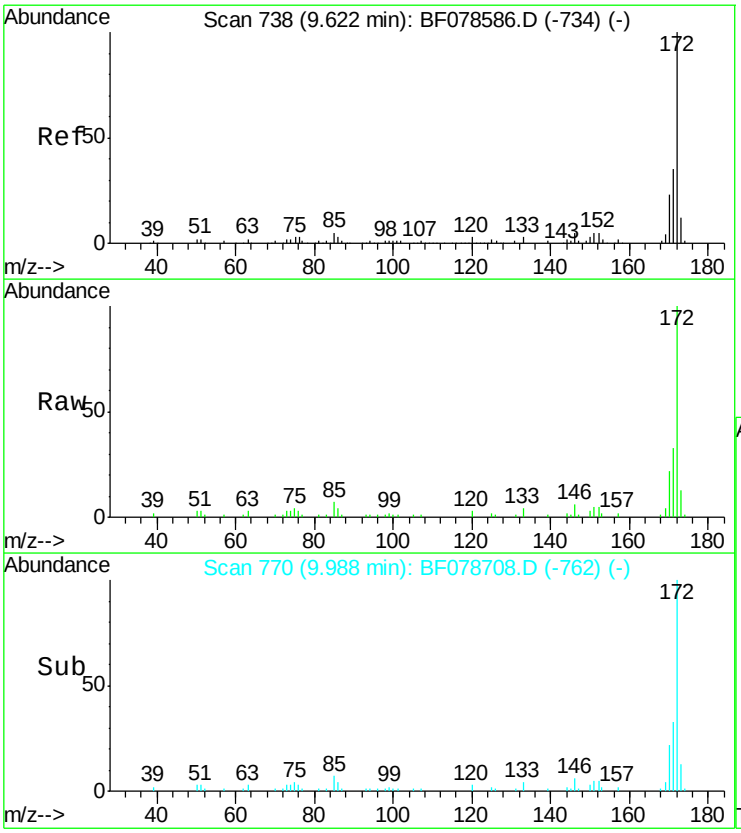
#41
2,4,6-Tribromophenol
Concen: 19.57 ng
RT: 12.64 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Instrument :
BNA_F
ClientSampleId :
SB-69SDL

Tgt Ion:330 Resp: 11157

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.6	117.8
141	39.1	31.2	46.8

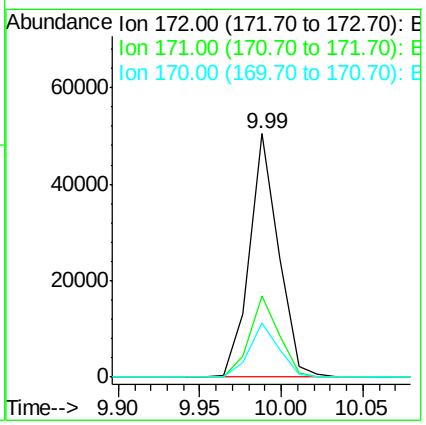


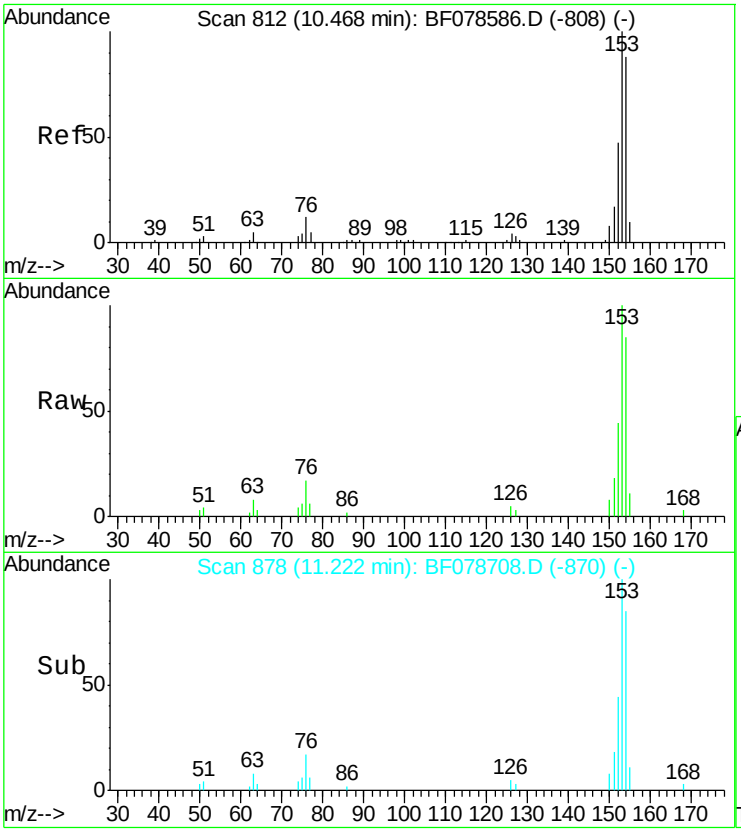


#44
2-Fluorobiphenyl
Concen: 13.02 ng
RT: 9.99 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Tgt Ion:172 Resp: 62620

Ion	Ratio	Lower	Upper
172	100		
171	33.3	28.6	42.8
170	22.4	18.5	27.7



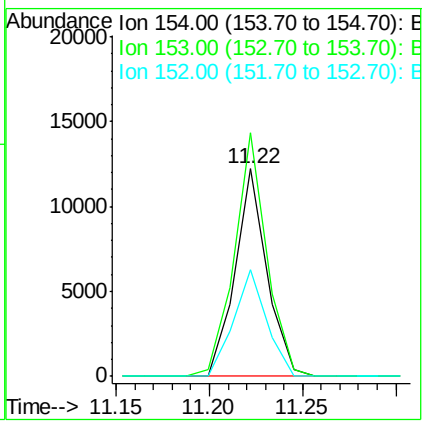


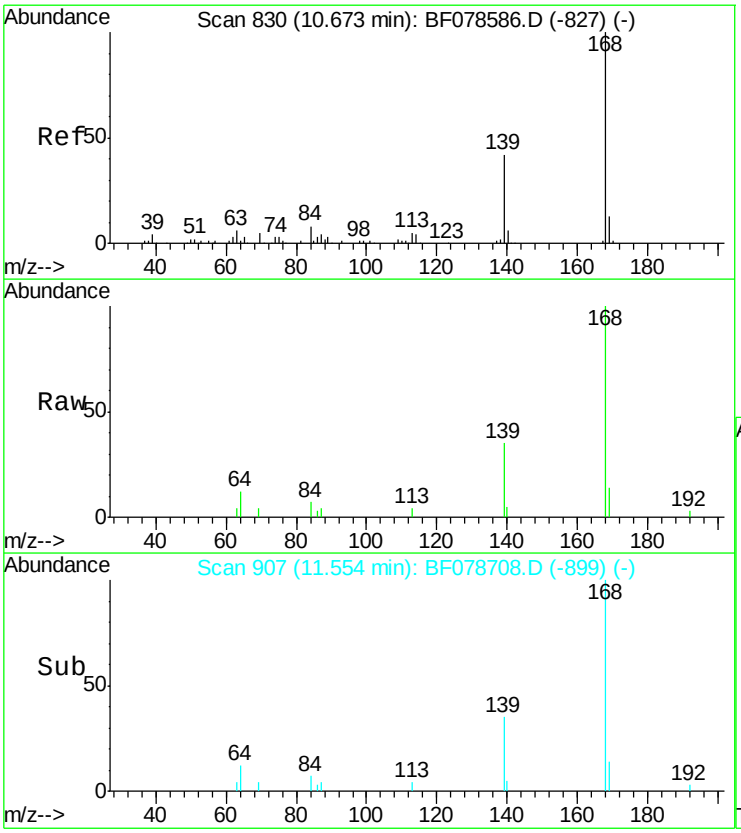
#51
Acenaphthene
Concen: 3.59 ng
RT: 11.22 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Instrument :
BNA_F
ClientSampleId :
SB-69SDL

Tgt Ion:154 Resp: 14451

Ion	Ratio	Lower	Upper
154	100		
153	117.3	91.4	137.2
152	51.6	43.0	64.6

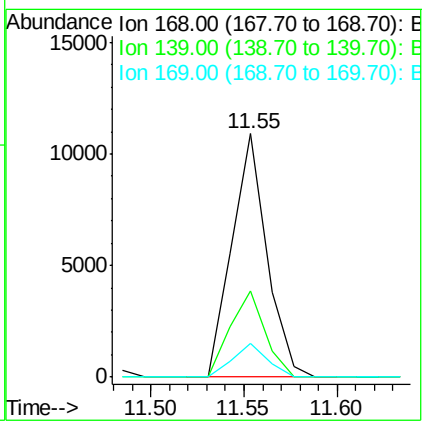


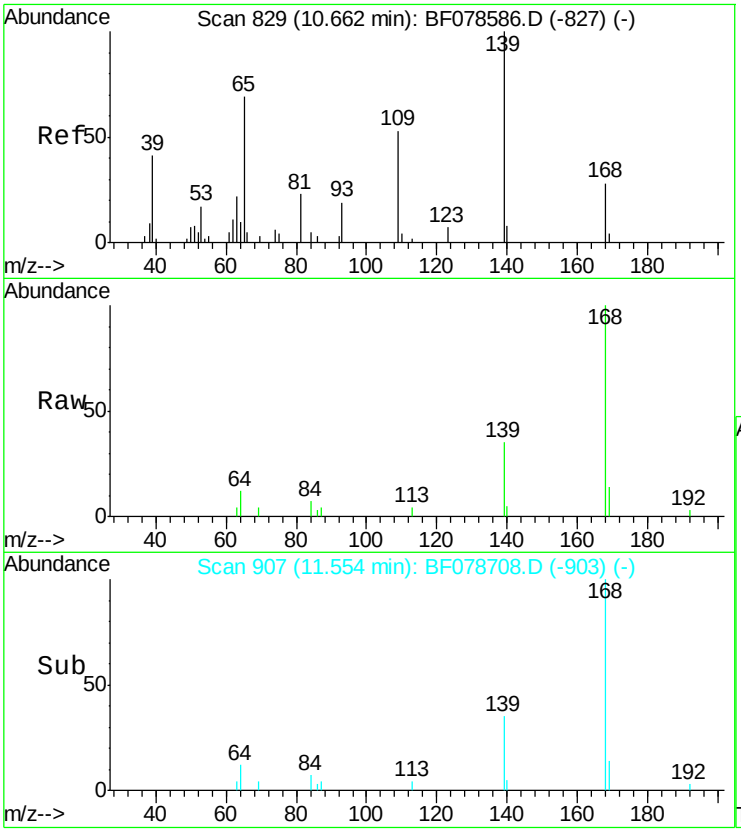


#54
Dibenzofuran
Concen: 2.32 ng
RT: 11.55 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Tgt Ion:168 Resp: 14229

Ion	Ratio	Lower	Upper
168	100		
139	35.3	31.0	46.4
169	13.8	10.7	16.1



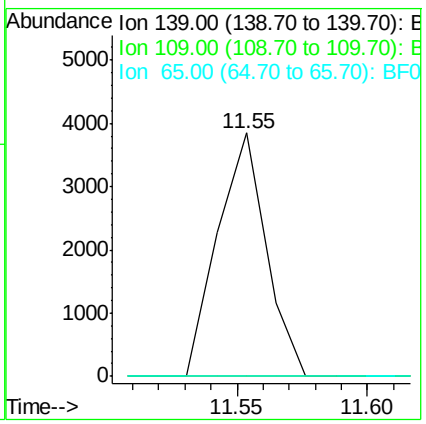


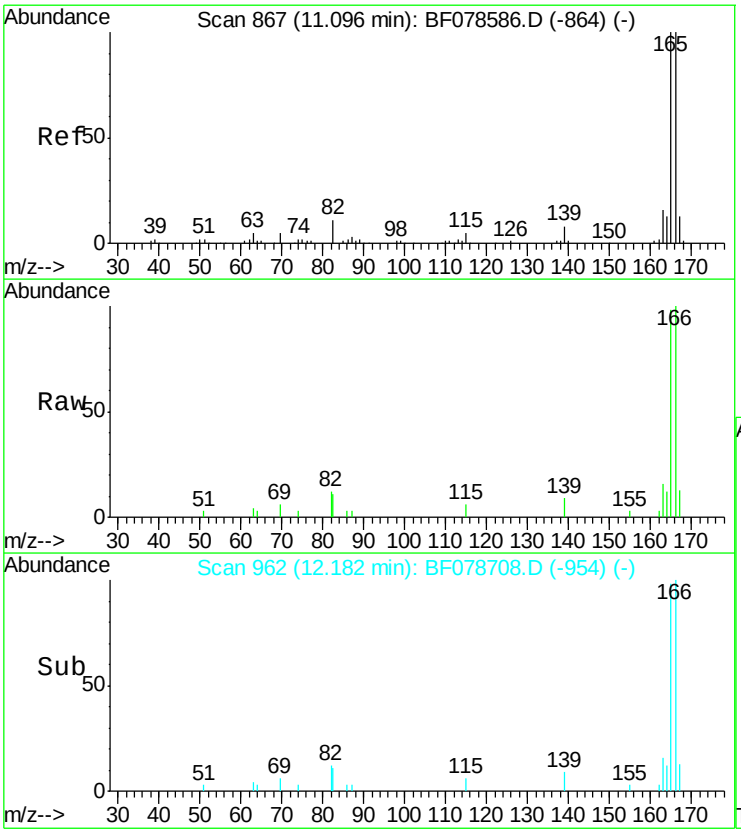
#55
4-Nitrophenol
Concen: 8.18 ng
RT: 11.55 min Scan# 907
Delta R.T. -0.06 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Instrument :
BNA_F
ClientSampleId :
SB-69SDL

Tgt Ion:139 Resp: 4993

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

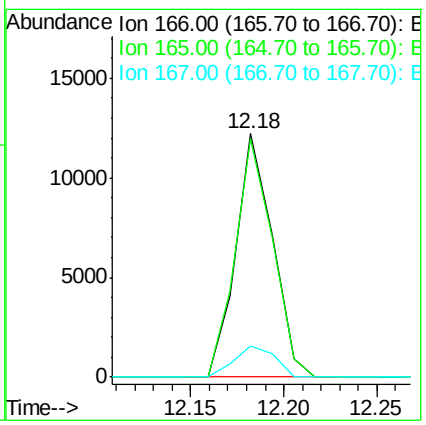


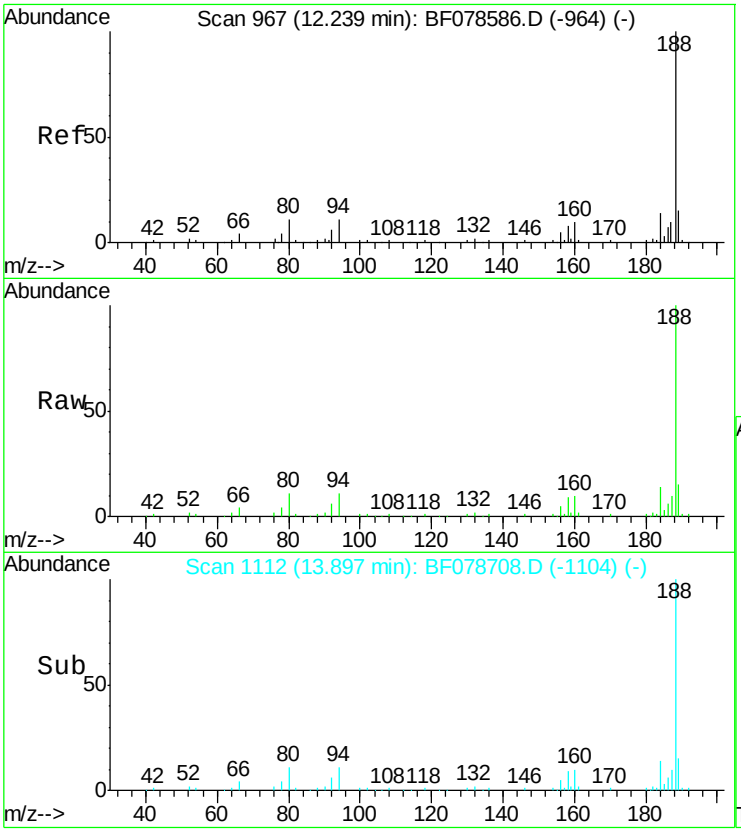


#57
Fluorene
Concen: 3.36 ng
RT: 12.18 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Tgt Ion:166 Resp: 16710

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.9	118.3
167	12.9	10.7	16.1



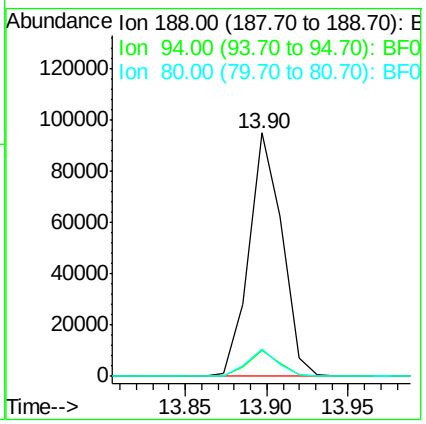


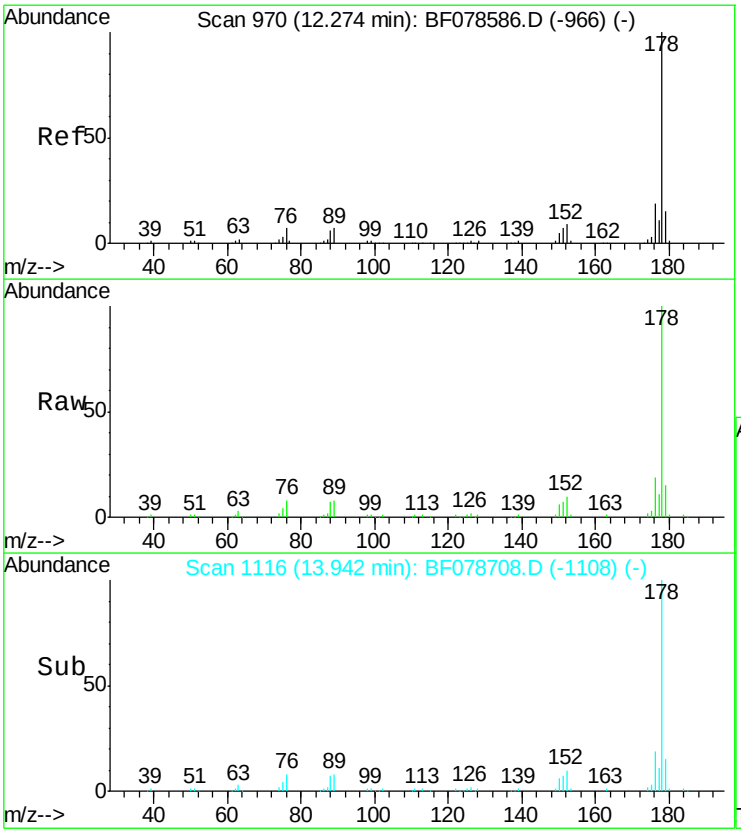
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Instrument :
BNA_F
ClientSampleId :
SB-69SDL

Tgt Ion:188 Resp: 133832

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.0	13.4
80	11.1	9.5	14.3

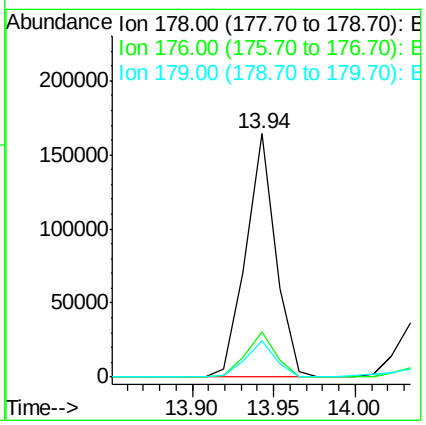


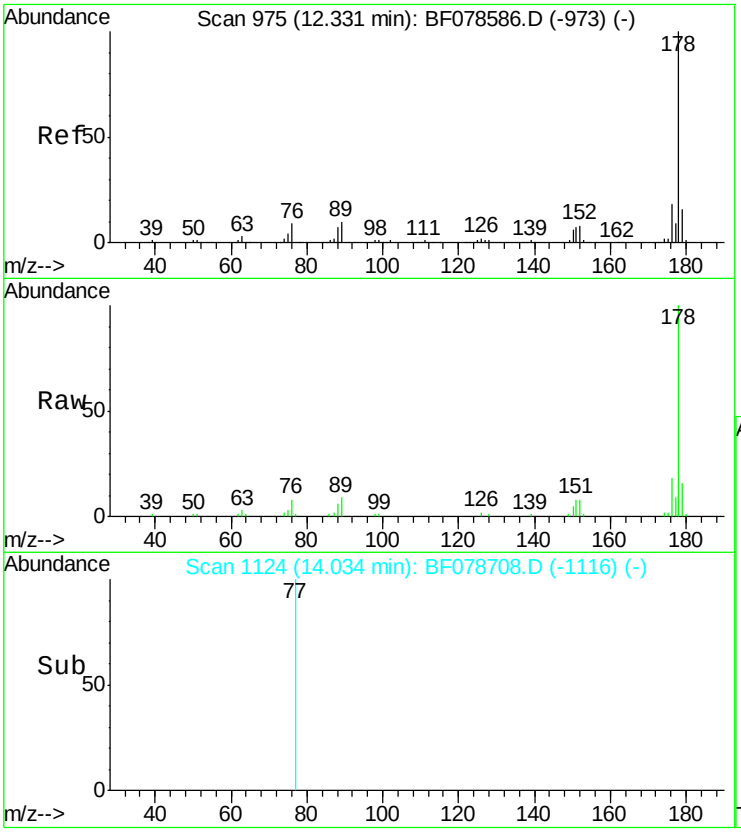


#70
Phenanthrene
Concen: 26.88 ng
RT: 13.94 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Tgt Ion:178 Resp: 208071

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



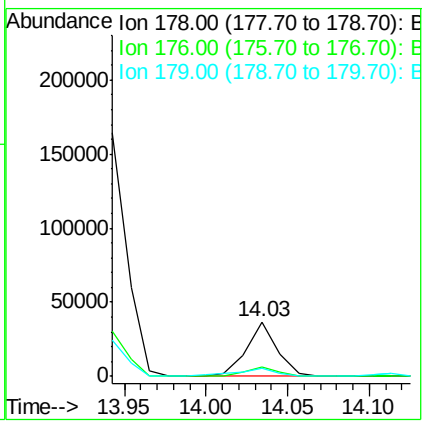


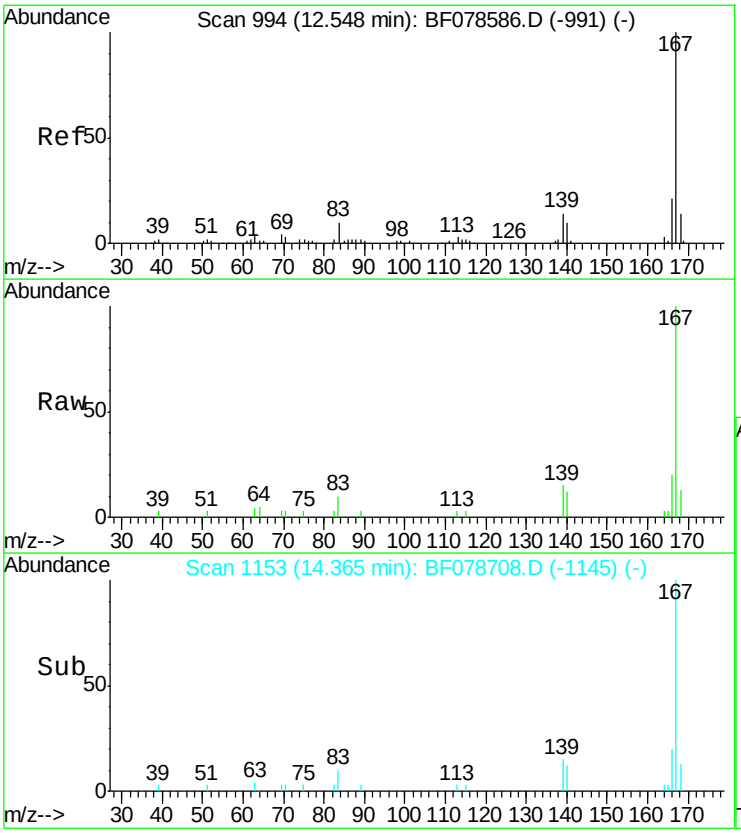
#71
Anthracene
Concen: 6.32 ng
RT: 14.03 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Instrument :
BNA_F
ClientSampleId :
SB-69SDL

Tgt Ion:178 Resp: 48192

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	15.9	12.4	18.6

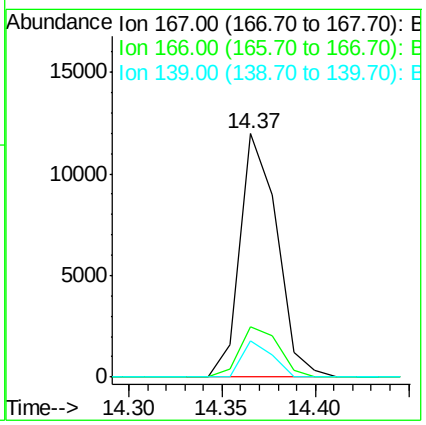


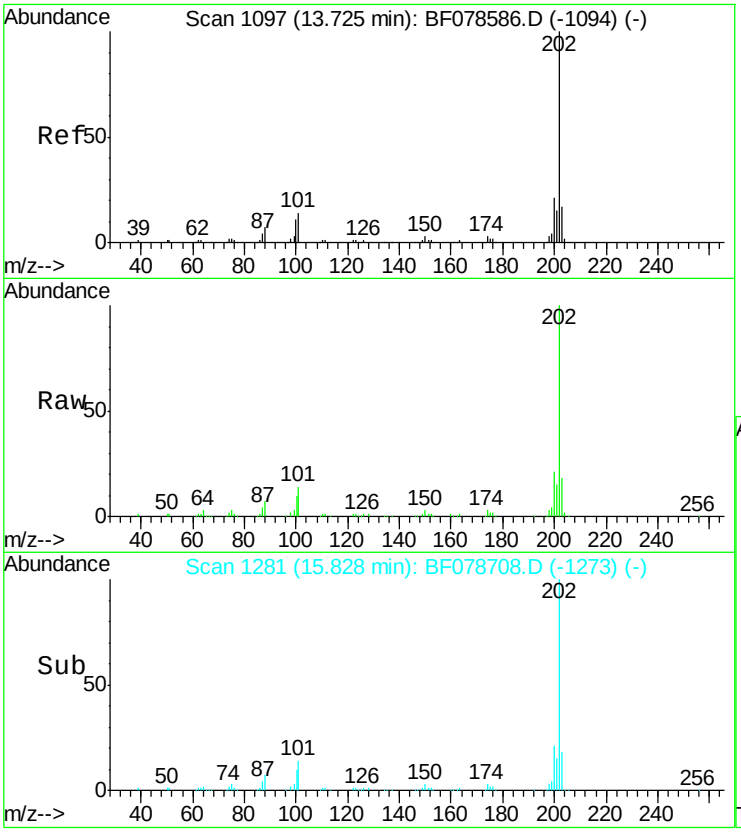


#72
Carbazole
Concen: 2.31 ng
RT: 14.37 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Tgt Ion:167 Resp: 16503

Ion	Ratio	Lower	Upper
167	100		
166	20.4	16.8	25.2
139	14.8	10.0	15.0



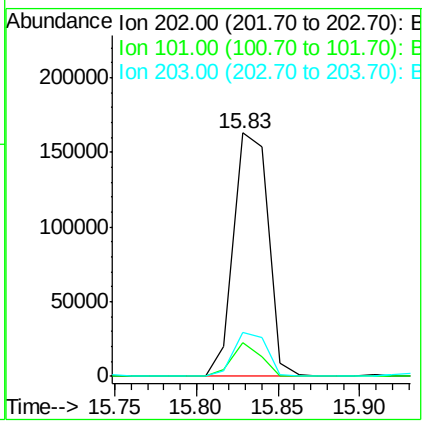


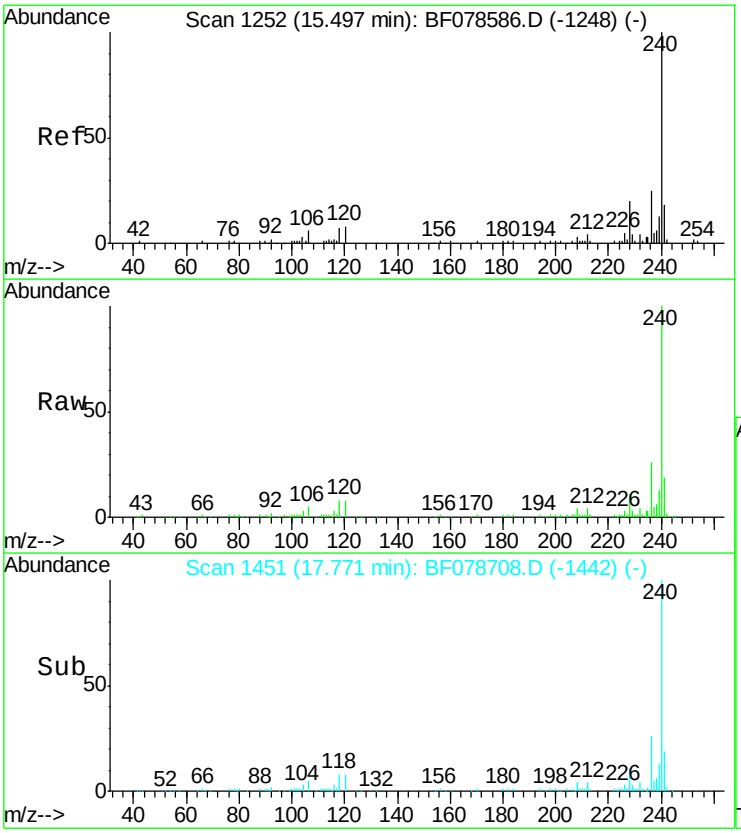
#74
Fluoranthene
Concen: 29.11 ng
RT: 15.83 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Instrument :
BNA_F
ClientSampleId :
SB-69SDL

Tgt Ion:202 Resp: 237659

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	35.2
203	18.0	0.0	38.5

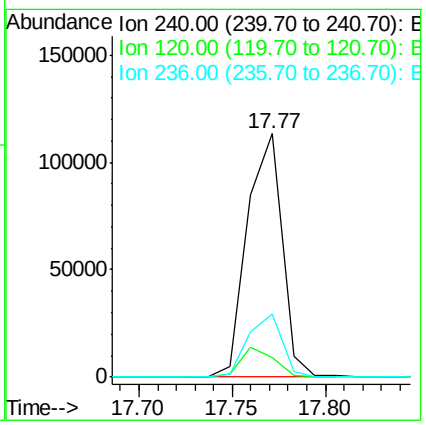


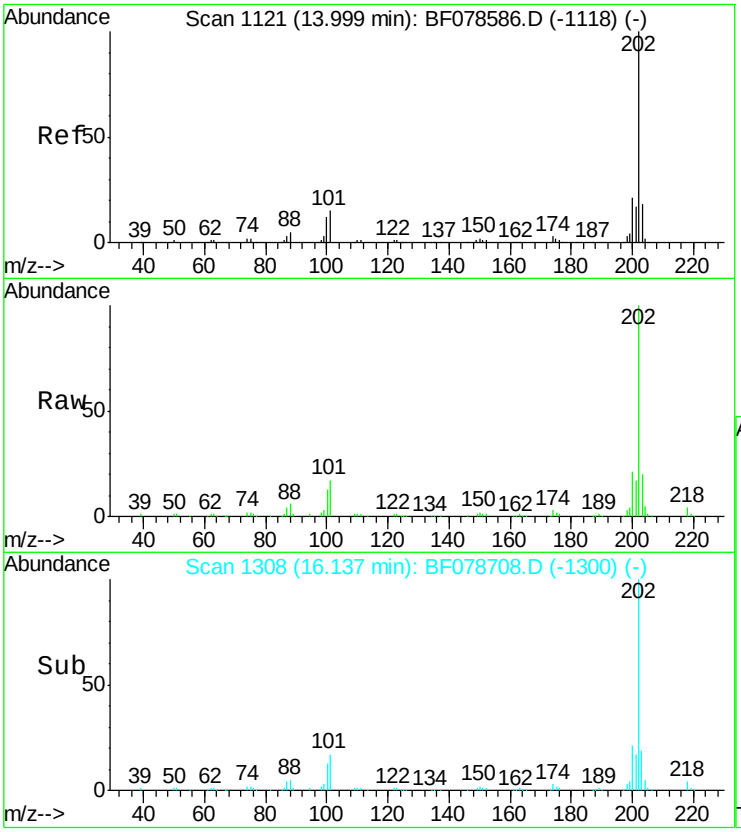


#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Tgt Ion:240 Resp: 147002

Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.1	10.7
236	25.9	21.4	32.2



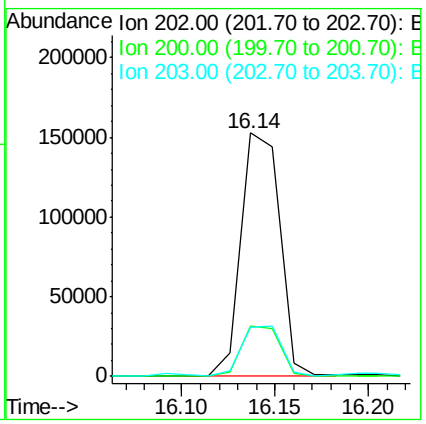


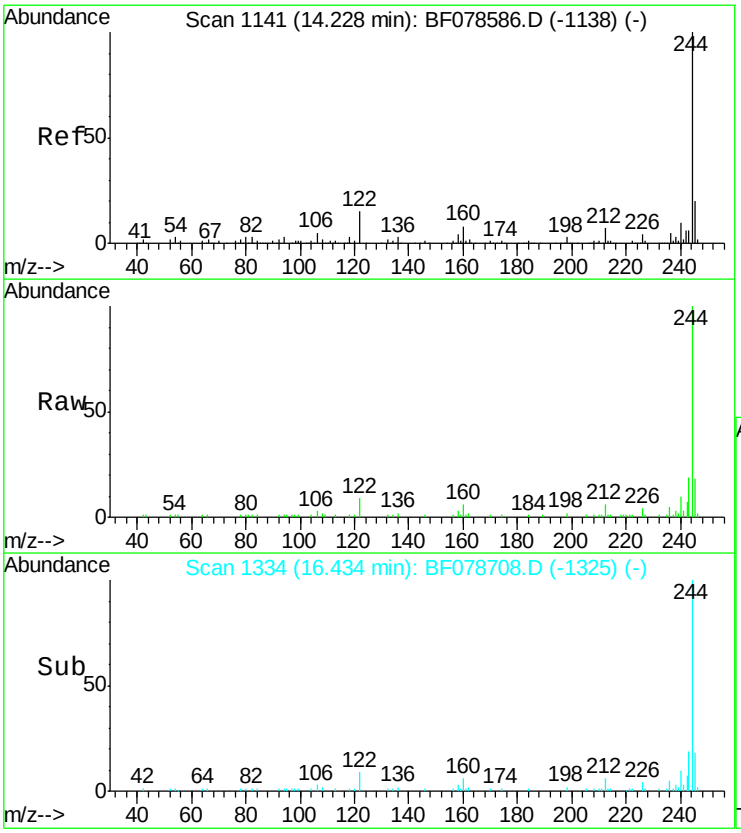
#77
Pyrene
Concen: 23.86 ng
RT: 16.14 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Instrument :
BNA_F
ClientSampleId :
SB-69SDL

Tgt Ion:202 Resp: 220206

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	20.3	13.8	20.6

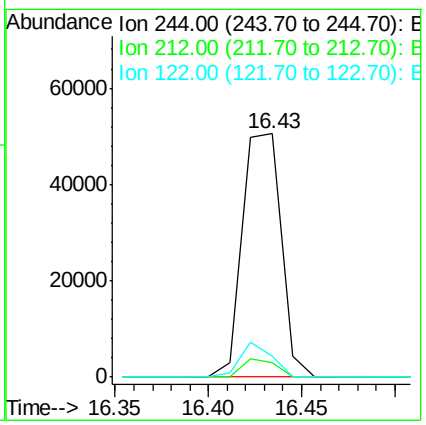


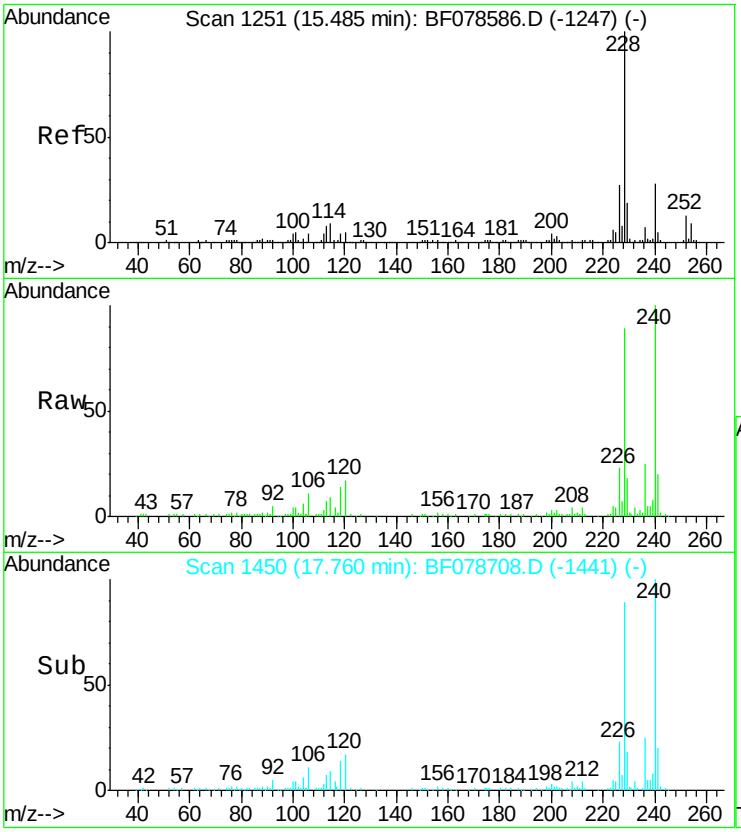


#78
Terphenyl-d14
Concen: 11.36 ng
RT: 16.43 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Tgt Ion:244 Resp: 73910

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.0	7.4
122	8.6	7.1	10.7



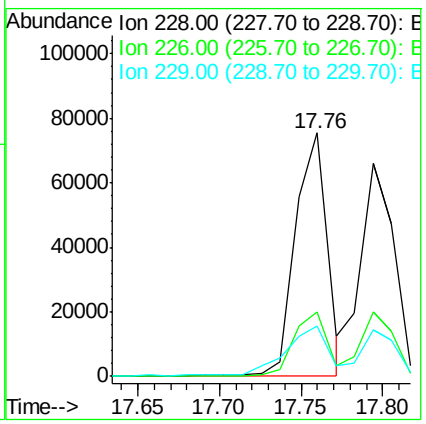


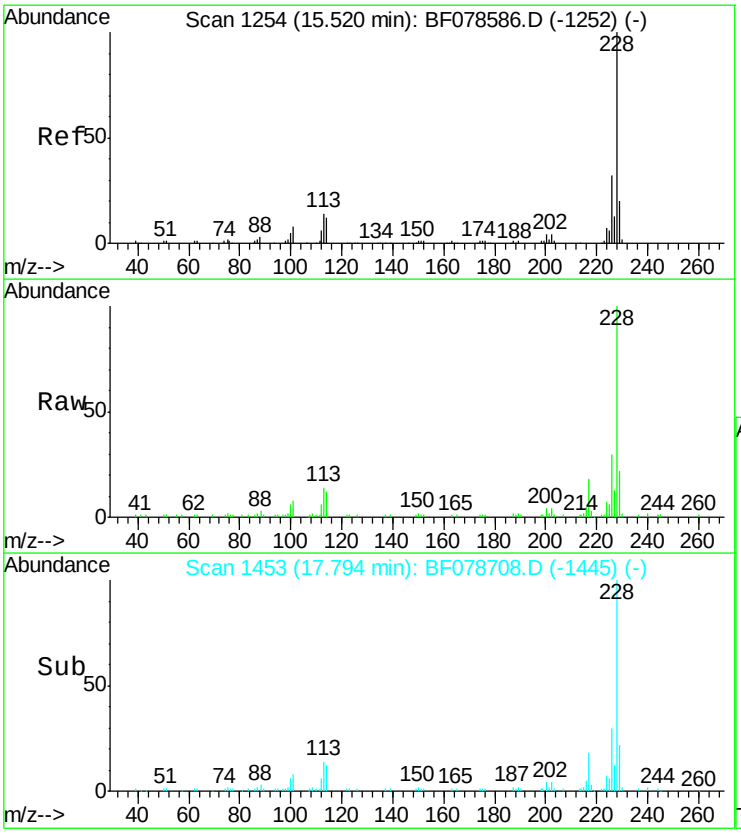
#80
Benzo(a)anthracene
Concen: 11.77 ng
RT: 17.76 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Instrument :
BNA_F
ClientSampleId :
SB-69SDL

Tgt Ion:228 Resp: 102972

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.3	31.9
229	20.6	15.4	23.2

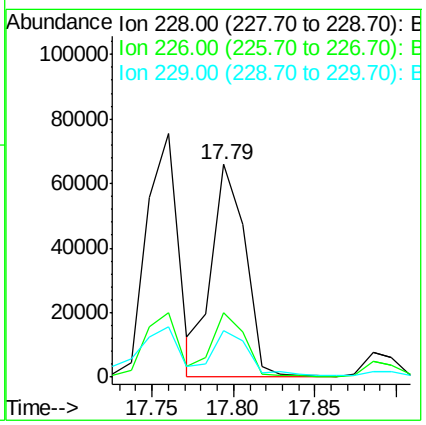


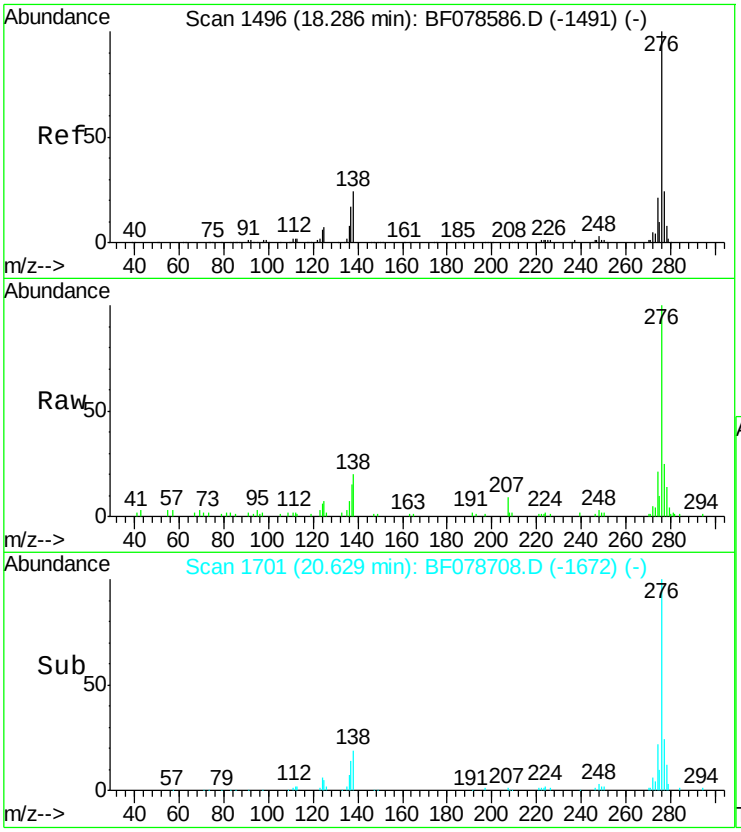


#82
Chrysene
Concen: 11.34 ng
RT: 17.79 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Tgt Ion:228 Resp: 93166

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	22.0	15.8	23.8



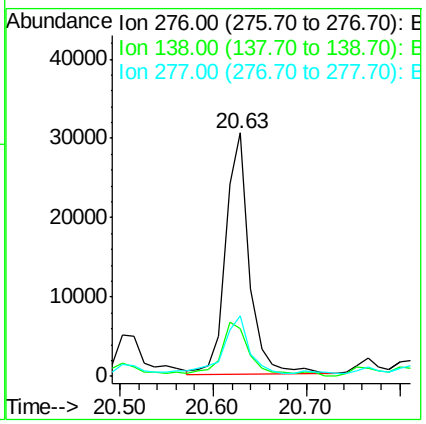


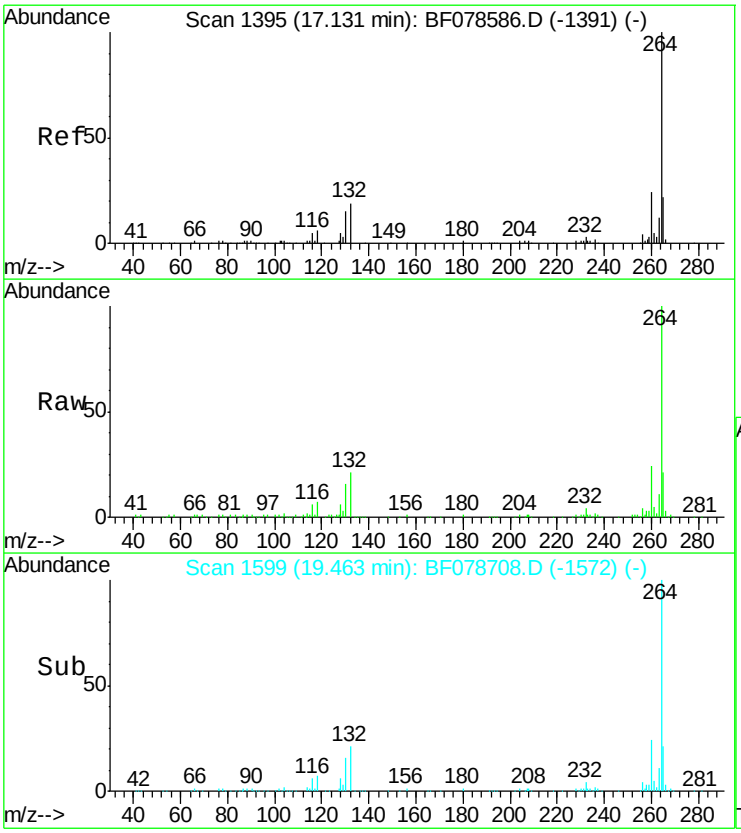
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.79 ng
RT: 20.63 min Scan# 1701
Delta R.T. 0.03 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Instrument :
BNA_F
ClientSampleId :
SB-69SDL

Tgt Ion:276 Resp: 53988

Ion	Ratio	Lower	Upper
276	100		
138	28.6	16.9	25.3#
277	27.6	15.8	23.6#

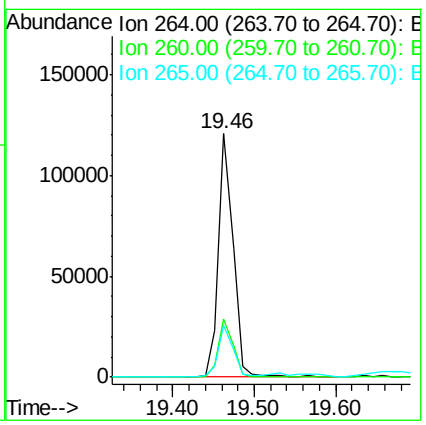


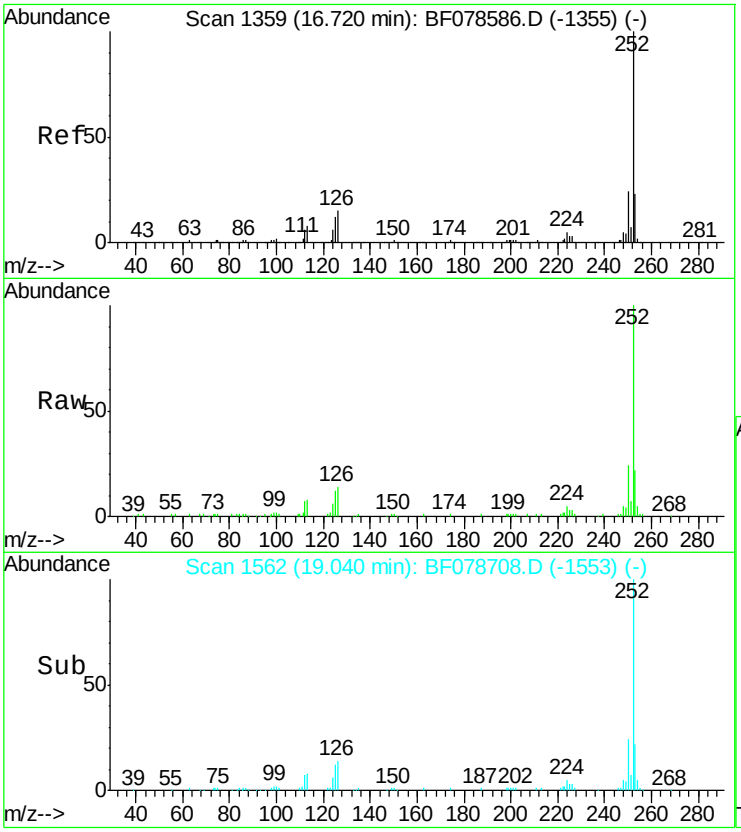


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.46 min Scan# 1599
Delta R.T. 0.01 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Tgt Ion:264 Resp: 151024

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.3	17.0	25.6



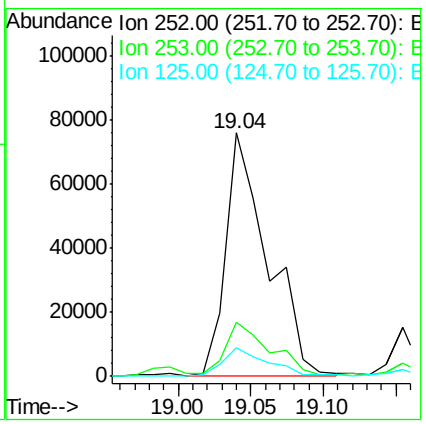


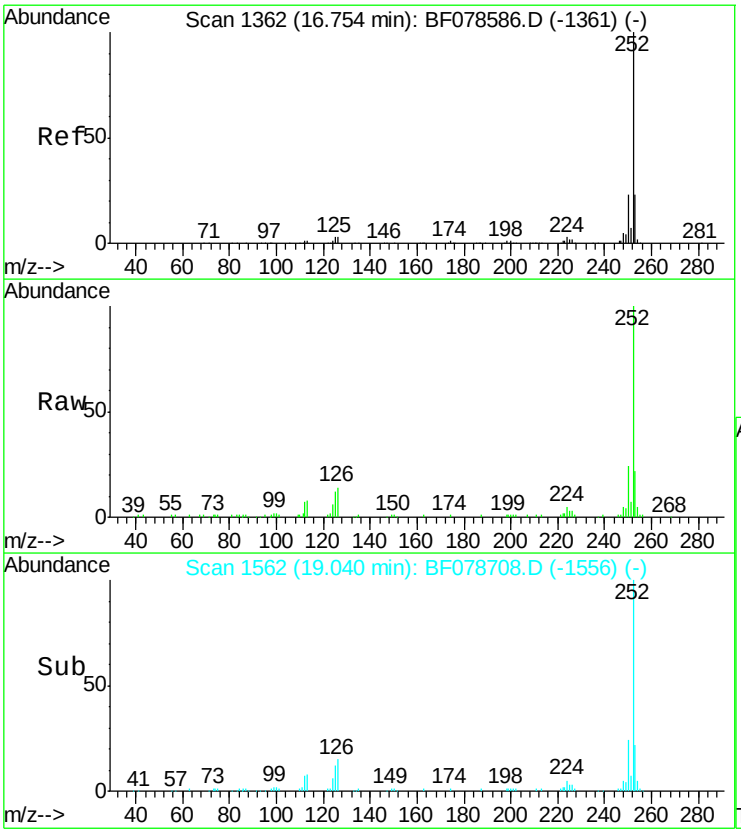
#87
Benzo(b)fluoranthene
Concen: 16.40 ng
RT: 19.04 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Instrument :
BNA_F
ClientSampleId :
SB-69SDL

Tgt Ion:252 Resp: 153051

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	11.5	7.0	10.4#

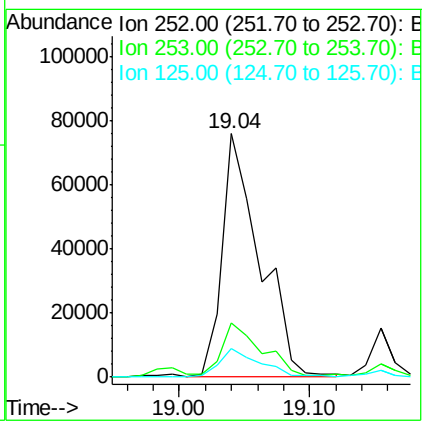


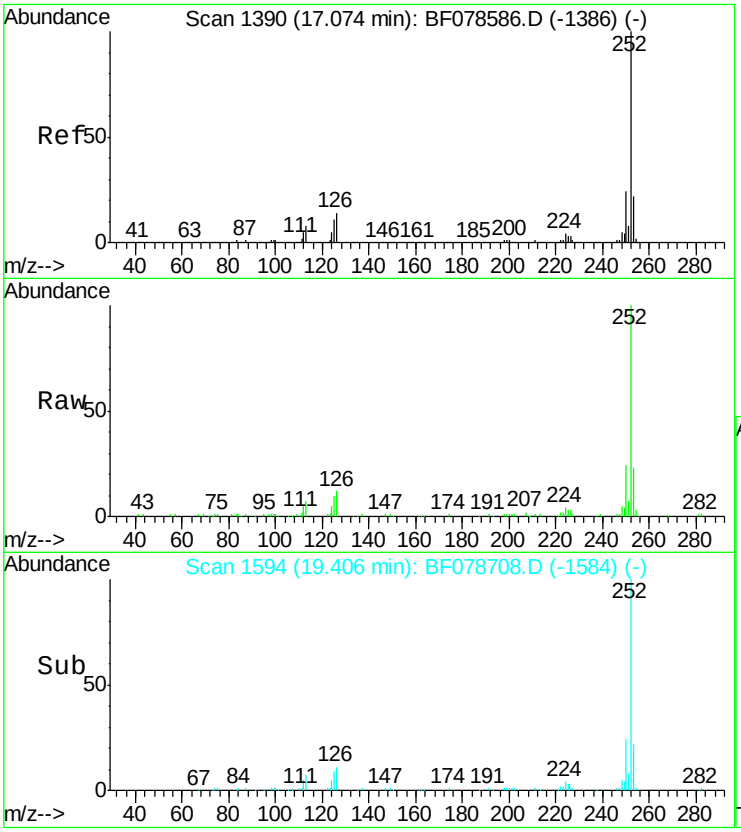


#88
Benzo(k)fluoranthene
Concen: 18.52 ng
RT: 19.04 min Scan# 1562
Delta R.T. -0.03 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Tgt Ion:252 Resp: 153632

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	11.5	11.6	17.4#



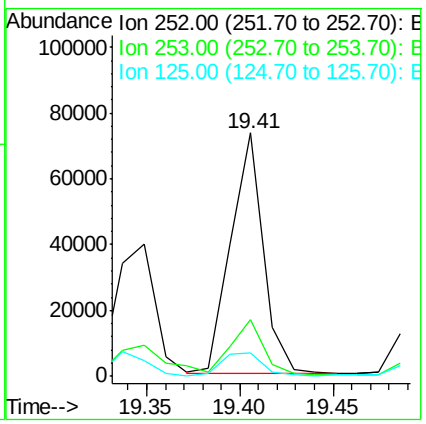


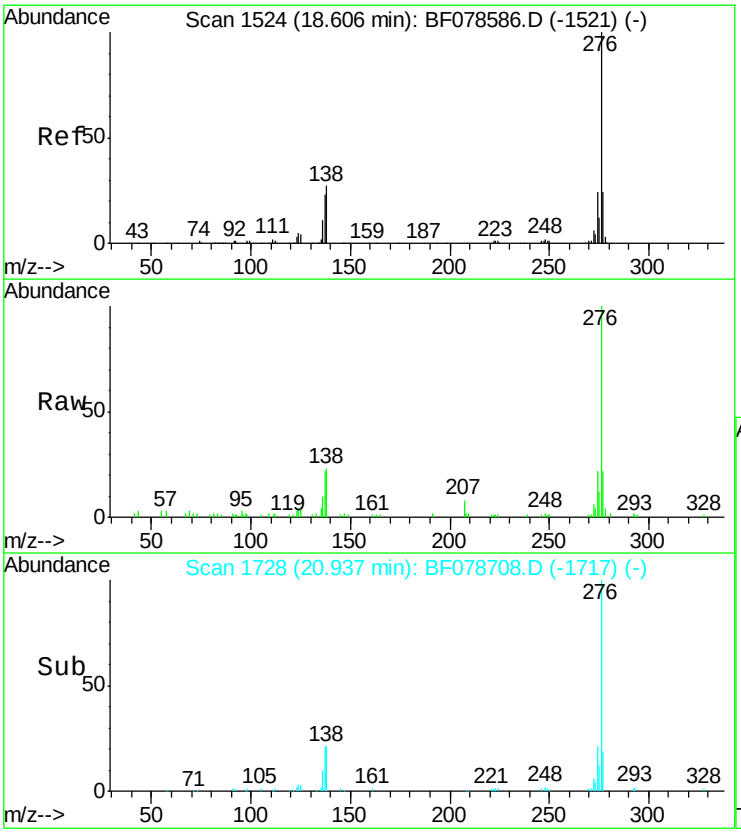
#89
Benzo(a)pyrene
Concen: 10.90 ng
RT: 19.41 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Instrument :
BNA_F
ClientSampleId :
SB-69SDL

Tgt Ion:252 Resp: 88790

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.8	25.2
125	9.6	7.4	11.0





#91
Benzo(g,h,i)perylene
Concen: 6.28 ng
RT: 20.94 min Scan# 1728
Delta R.T. 0.02 min
Lab File: BF078708.D
Acq: 22 Apr 2015 6:07

Tgt Ion:276 Resp: 51373

Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.0	28.4
138	23.5	19.9	29.9