Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078596.D
Acq On : 17 Apr 2015 7:33
Operator : TP/IZ
Sample : G1828-12DL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-SB01ADL

Quant Time: Apr 17 07:14:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 03:45:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	26004	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	109233	20.00	ng		0.00
38) Acenaphthene-d10	10.42	164	59096	20.00	ng		0.00
63) Phenanthrene-d10	12.24	188	116834	20.00	ng		0.00
75) Chrysene-d12	15.50	240	132353	20.00	ng		0.00
86) Perylene-d12	17.22	264	132393	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	68506	43.44	ng		0.00
7) Phenol-d6	6.30	99	112818	57.08	ng		0.00
23) Nitrobenzene-d5	7.39	82	68114	37.80	ng		0.00
41) 2,4,6-Tribromophenol	11.39	330	31584	64.44	ng		0.00
44) 2-Fluorobiphenyl	9.62	172	156061	37.75	ng		0.00
78) Terphenyl-d14	14.23	244	208965	35.68	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.30	128	12242	2.15	ng		98
48) Acenaphthylene	10.25	152	21123	3.44	ng		99
54) Dibenzofuran	10.67	168	11089	2.10	ng		99
57) Fluorene	11.10	166	13085	3.06	ng		98
70) Phenanthrene	12.27	178	189092	27.98	ng		100
71) Anthracene	12.33	178	64210	9.64	ng		99
72) Carbazole	12.55	167	30188	4.84	ng		99
74) Fluoranthene	13.73	202	279257	39.18	ng		98
77) Pyrene	14.00	202	258685	31.13	ng	#	94
80) Benzo(a)anthracene	15.49	228	171585	21.79	ng		98
82) Chrysene	15.53	228	127946	17.29	ng		95
85) Indeno(1,2,3-cd)pyrene	18.45	276	89855m	10.70	ng		
87) Benzo(b)fluoranthene	16.79	252	191302m	23.38	ng		
88) Benzo(k)fluoranthene	16.81	252	61873m	8.51	ng		
89) Benzo(a)pyrene	17.15	252	134123	18.78	ng	#	91
91) Benzo(g,h,i)perylene	18.78	276	80407m	11.22	ng		

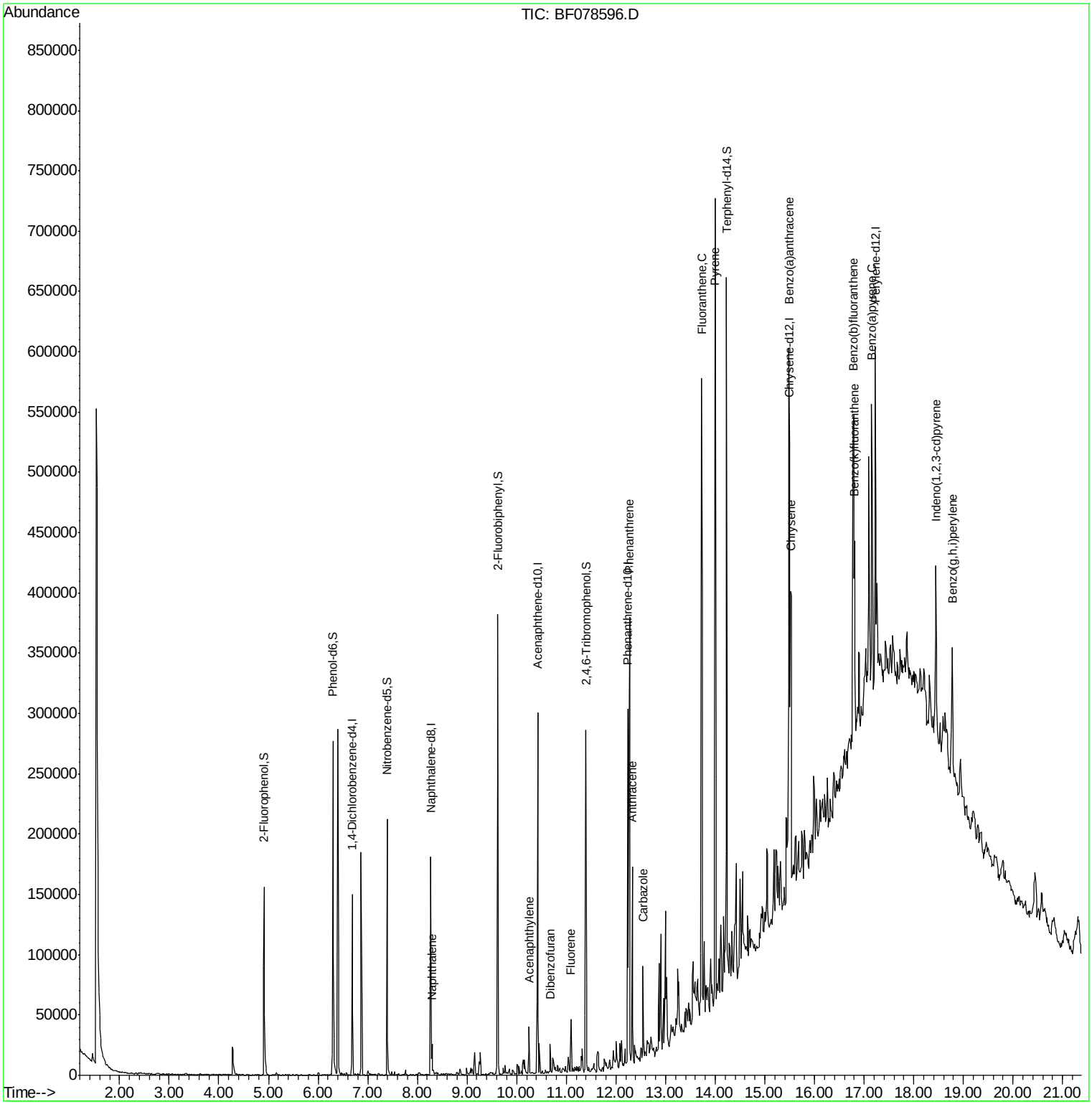
(#) = qualifier out of range (m) = manual integration (+) = signals summed

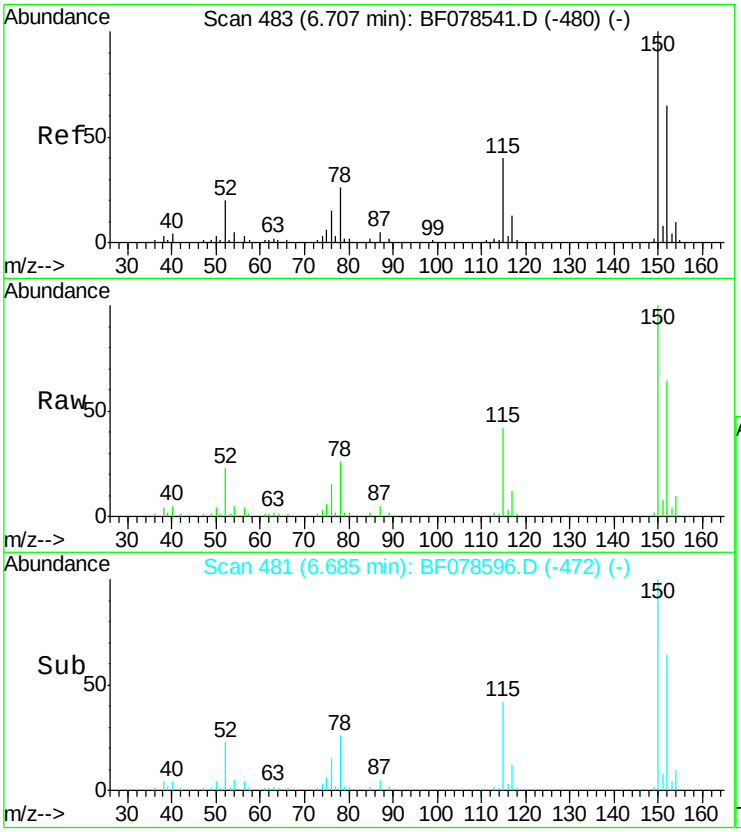
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078596.D
Acq On : 17 Apr 2015 7:33
Operator : TP/IZ
Sample : G1828-12DL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-SB01ADL

Quant Time: Apr 17 07:14:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 03:45:36 2015
Response via : Initial Calibration



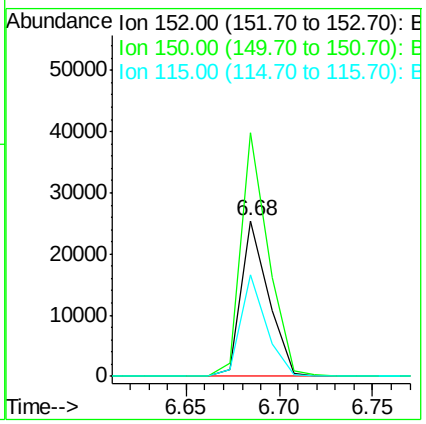


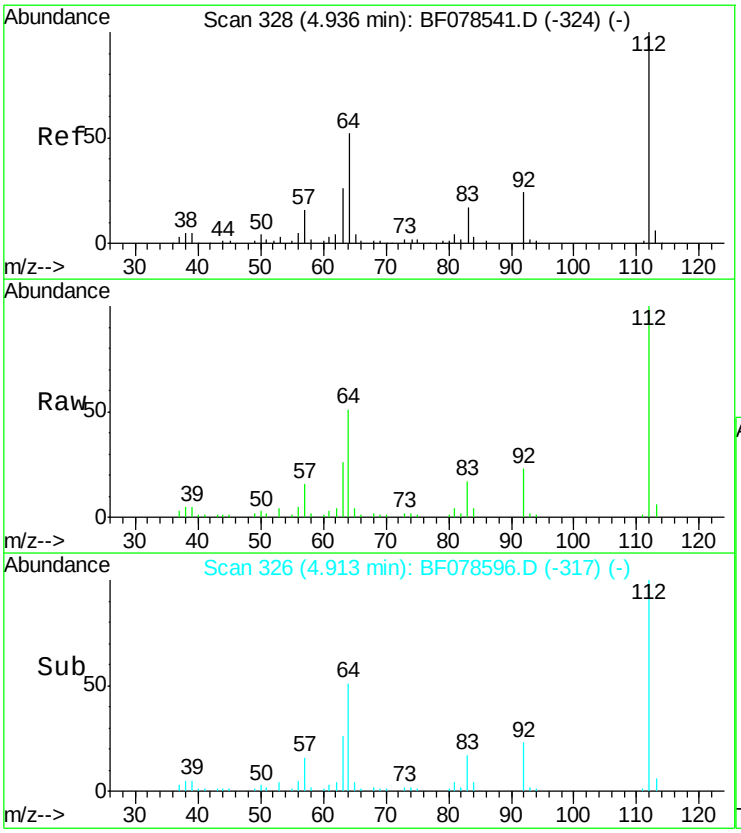
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Instrument :
BNA_F
ClientSampleId :
HS-SB01ADL

Tgt Ion:152 Resp: 26004

Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.9	188.9
115	65.5	52.7	79.1

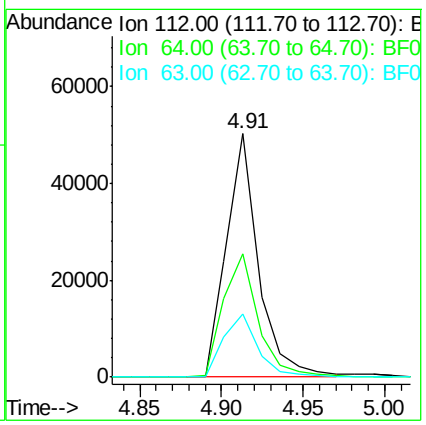


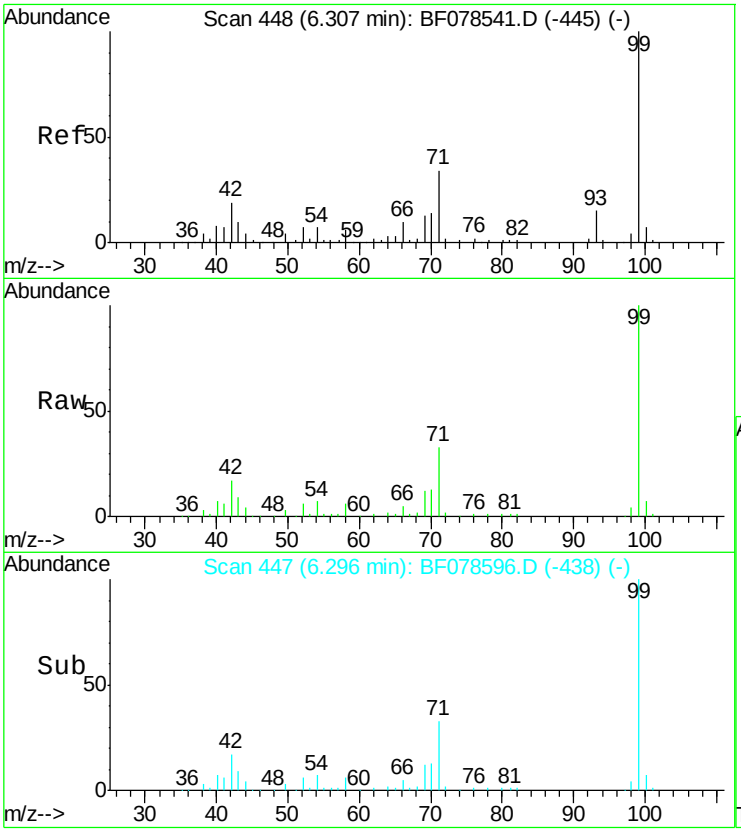


#5
2-Fluorophenol
Concen: 43.44 ng
RT: 4.91 min Scan# 326
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Tgt Ion:112 Resp: 68506

Ion	Ratio	Lower	Upper
112	100		
64	50.5	39.9	59.9
63	25.8	20.2	30.4



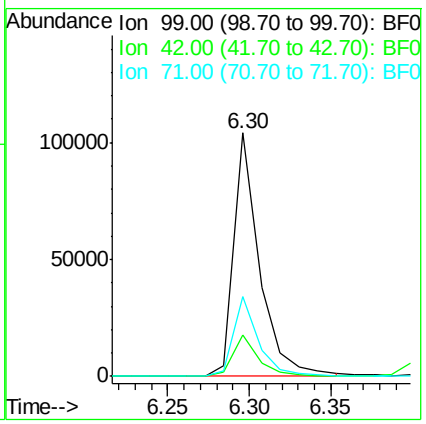


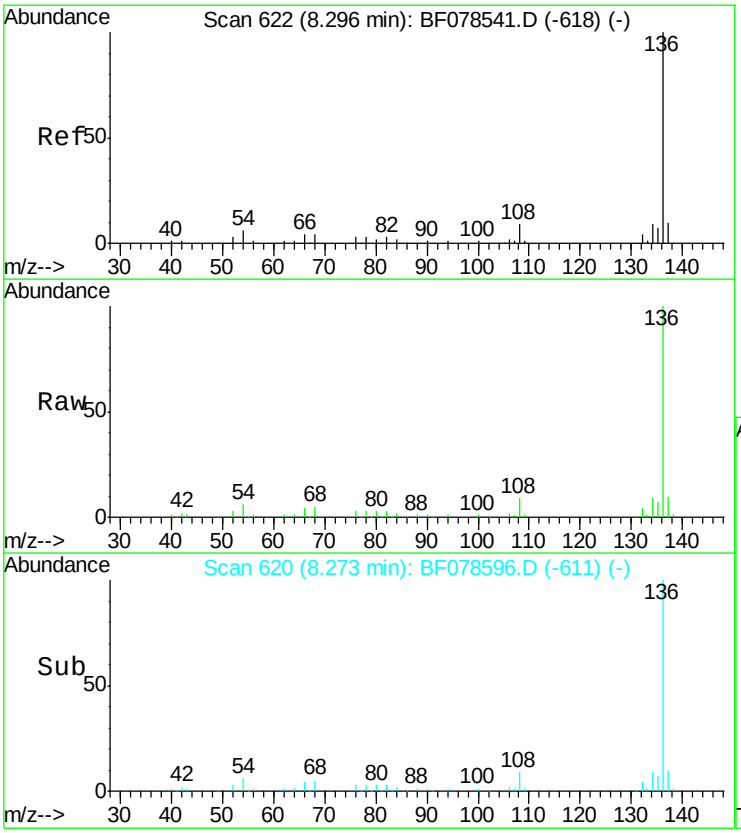
#7
Phenol-d6
Concen: 57.08 ng
RT: 6.30 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Instrument :
BNA_F
ClientSampleId :
HS-SB01ADL

Tgt Ion: 99 Resp: 112818

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.8	22.2
71	32.8	26.6	39.8

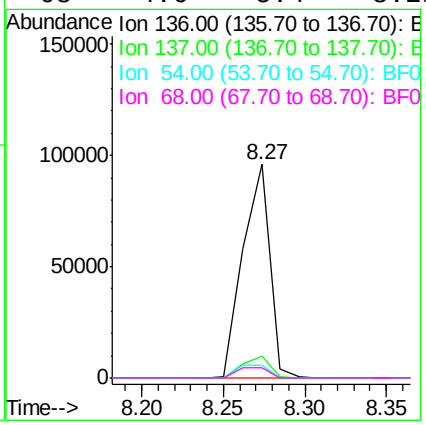


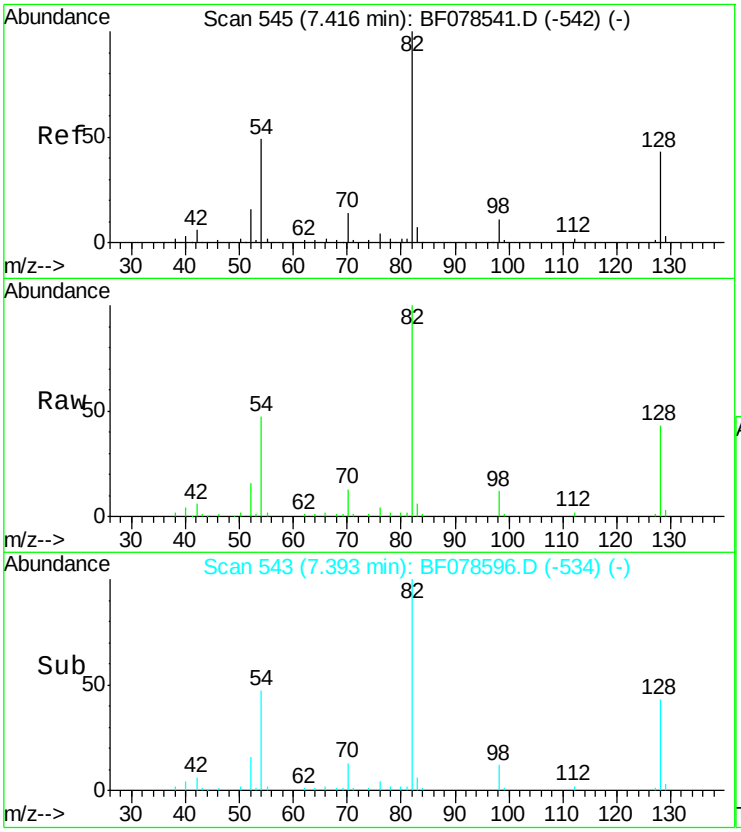


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Tgt Ion:136 Resp: 109233

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.0	13.4
54	5.7	7.0	10.6#
68	4.6	5.4	8.2#



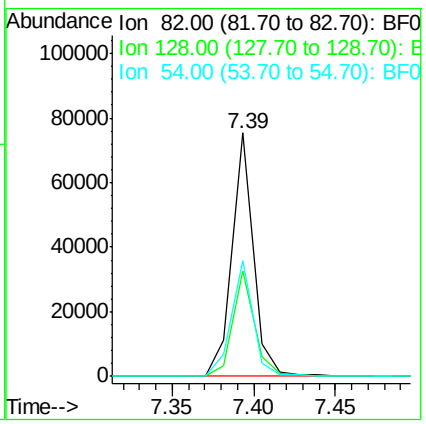


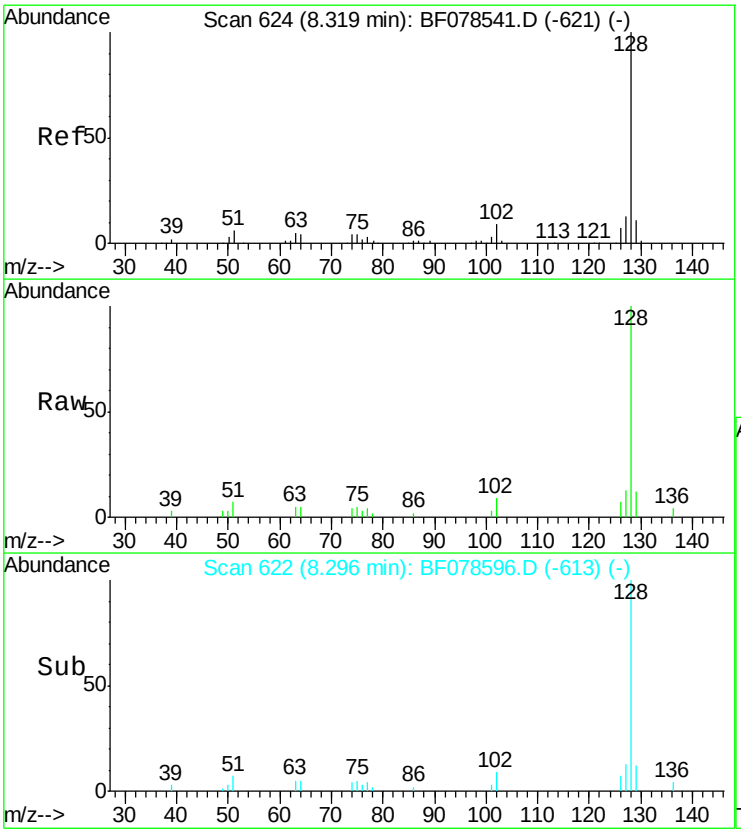
#23
Nitrobenzene-d5
Concen: 37.80 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Instrument :
BNA_F
ClientSampleId :
HS-SB01ADL

Tgt Ion: 82 Resp: 68114

Ion	Ratio	Lower	Upper
82	100		
128	43.3	31.8	47.8
54	47.5	41.5	62.3

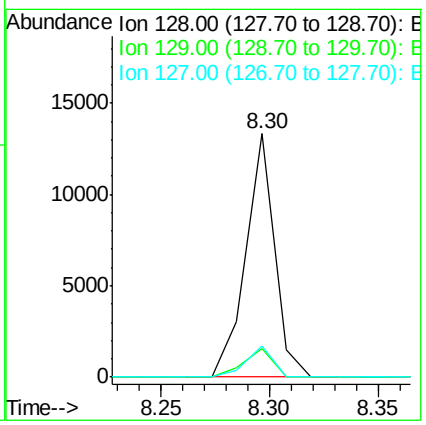


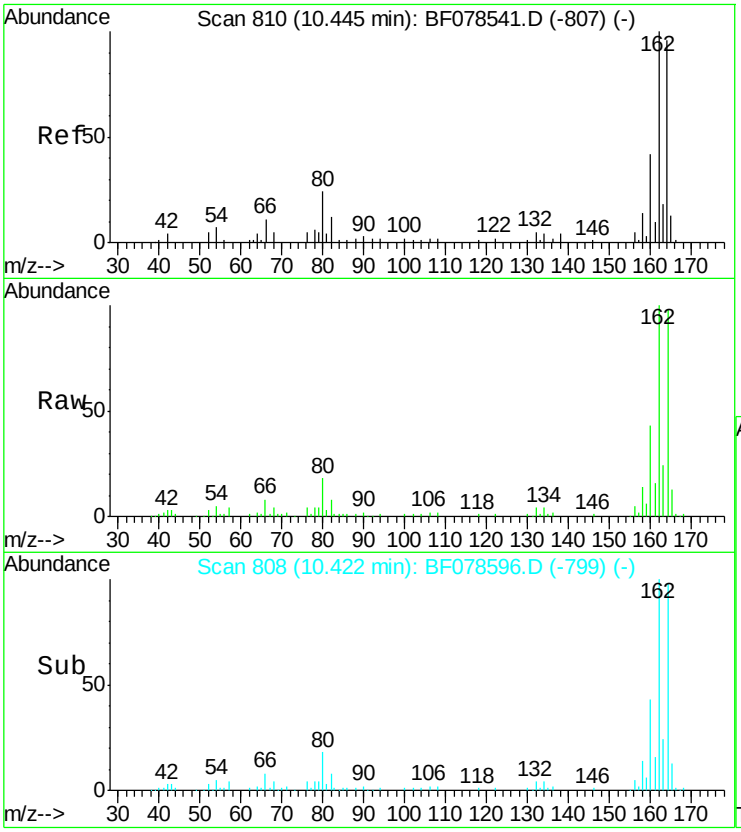


#31
Naphthalene
Concen: 2.15 ng
RT: 8.30 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Tgt Ion:128 Resp: 12242

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	12.8
127	12.7	10.7	16.1



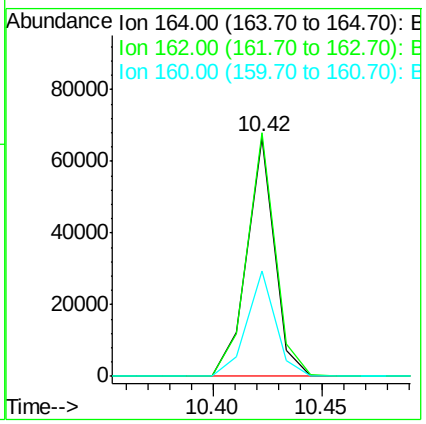


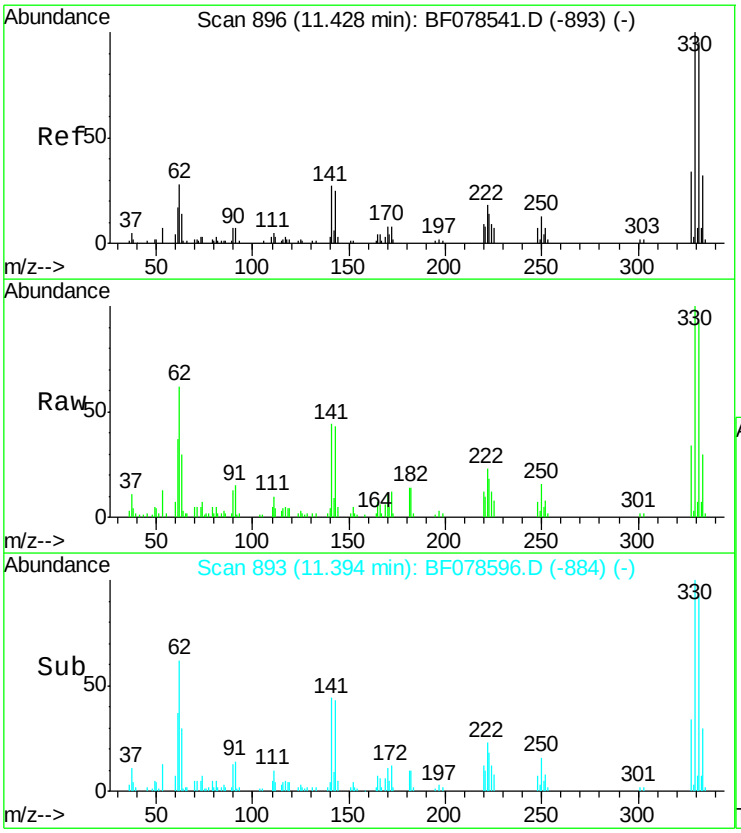
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.42 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Instrument :
BNA_F
ClientSampleId :
HS-SB01ADL

Tgt Ion:164 Resp: 59096

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.2	123.2
160	44.2	34.7	52.1

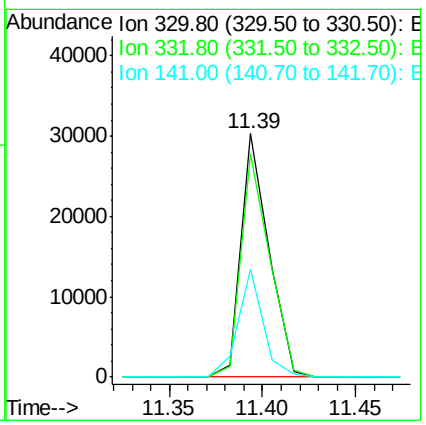


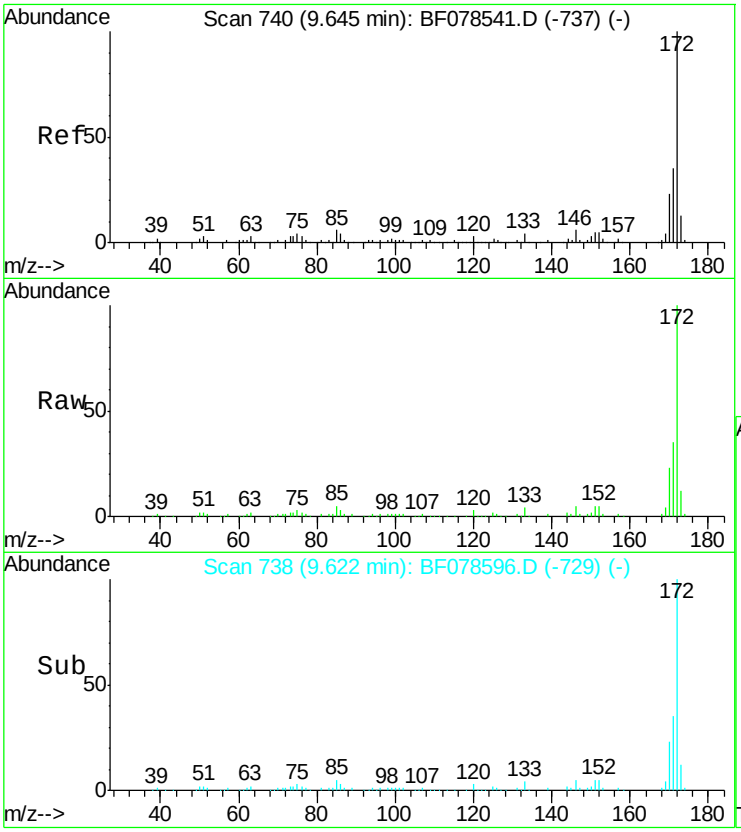


#41
2,4,6-Tribromophenol
Concen: 64.44 ng
RT: 11.39 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Tgt Ion:330 Resp: 31584

Ion	Ratio	Lower	Upper
330	100		
332	94.0	78.6	117.8
141	40.5	31.2	46.8



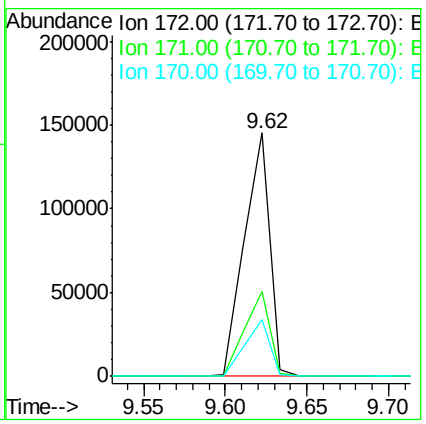


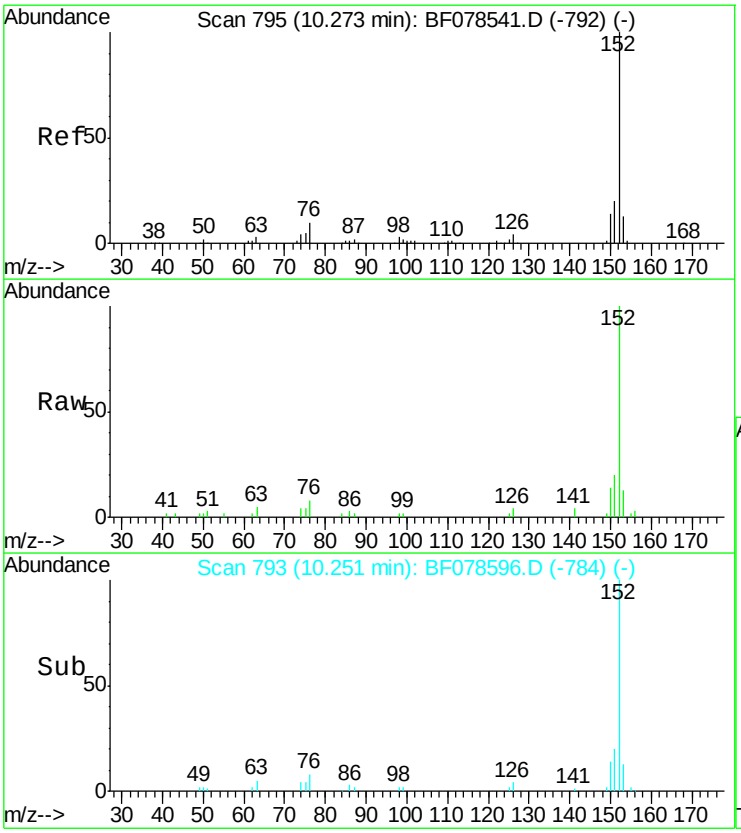
#44
2-Fluorobiphenyl
Concen: 37.75 ng
RT: 9.62 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Instrument :
BNA_F
ClientSampleId :
HS-SB01ADL

Tgt Ion:172 Resp: 156061

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	23.4	18.5	27.7

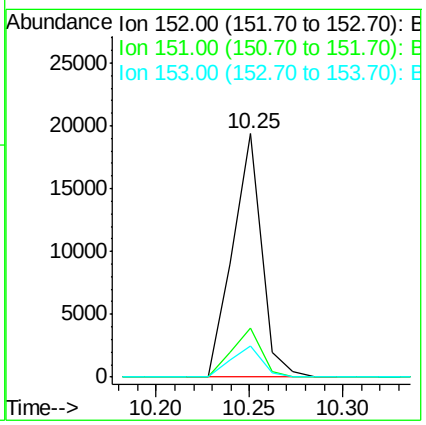


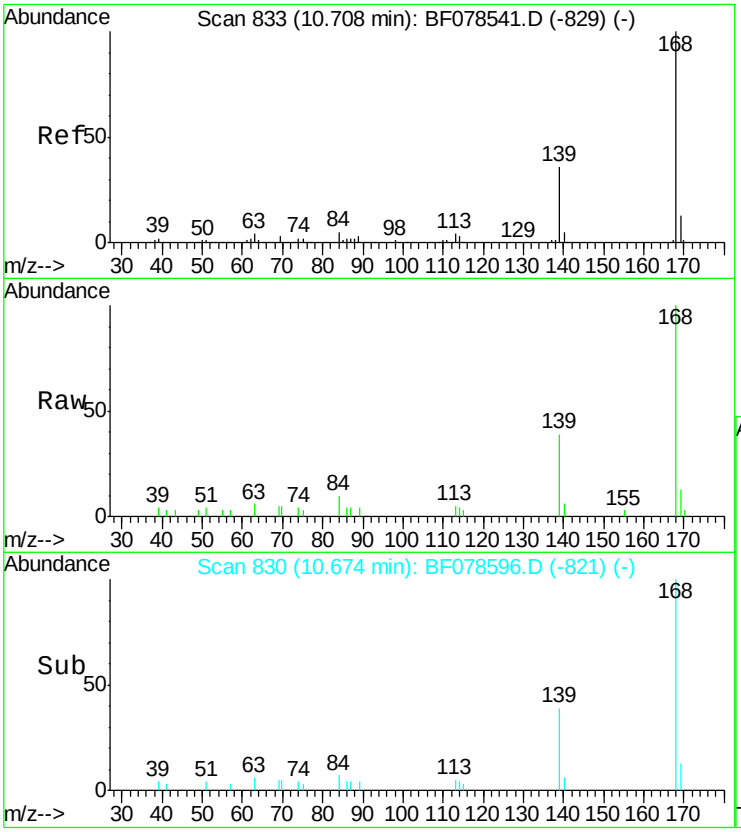


#48
Acenaphthylene
Concen: 3.44 ng
RT: 10.25 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Tgt Ion:152 Resp: 21123

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.0	10.2	15.2



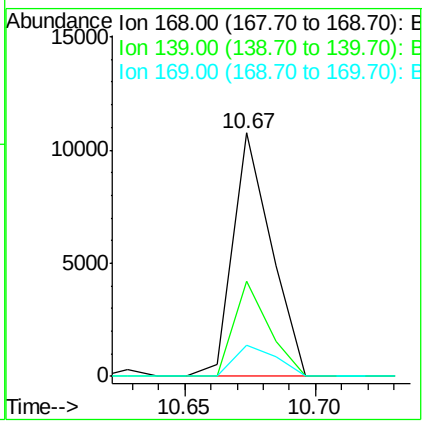


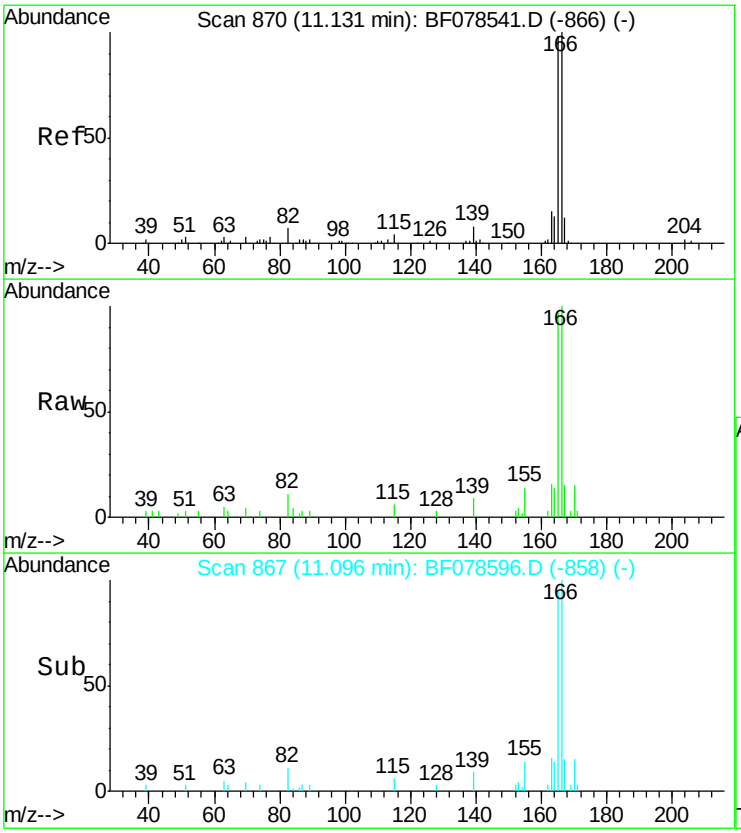
#54
Dibenzofuran
Concen: 2.10 ng
RT: 10.67 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Instrument :
BNA_F
ClientSampleId :
HS-SB01ADL

Tgt Ion:168 Resp: 11089

Ion	Ratio	Lower	Upper
168	100		
139	38.8	31.0	46.4
169	12.7	10.7	16.1

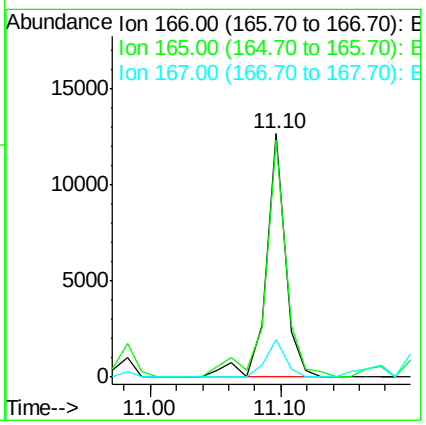


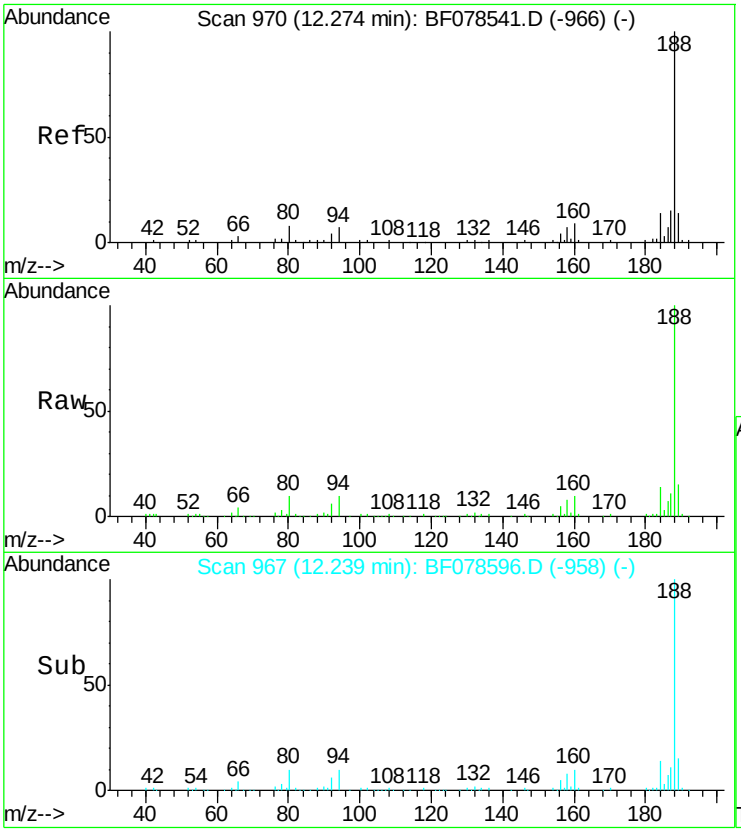


#57
Fluorene
Concen: 3.06 ng
RT: 11.10 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Tgt Ion:166 Resp: 13085

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.9	118.3
167	15.3	10.7	16.1



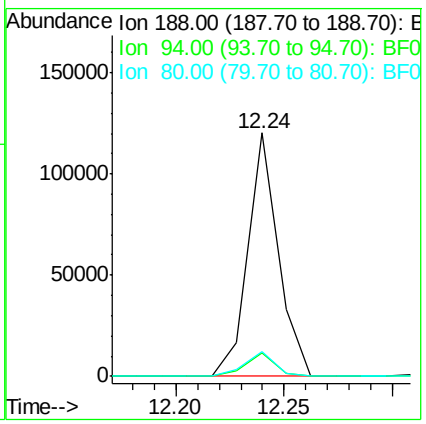


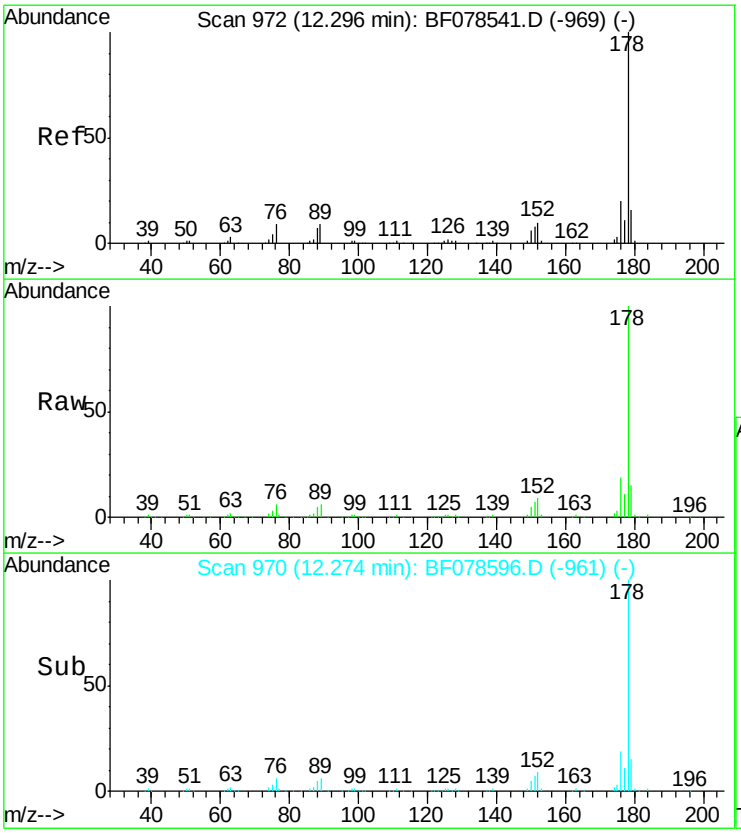
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Instrument :
BNA_F
ClientSampleId :
HS-SB01ADL

Tgt Ion:188 Resp: 116834

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.4
80	10.4	9.5	14.3

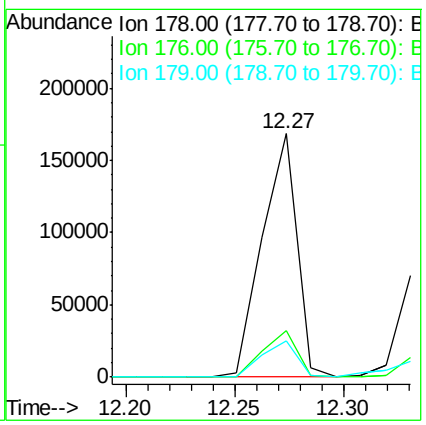


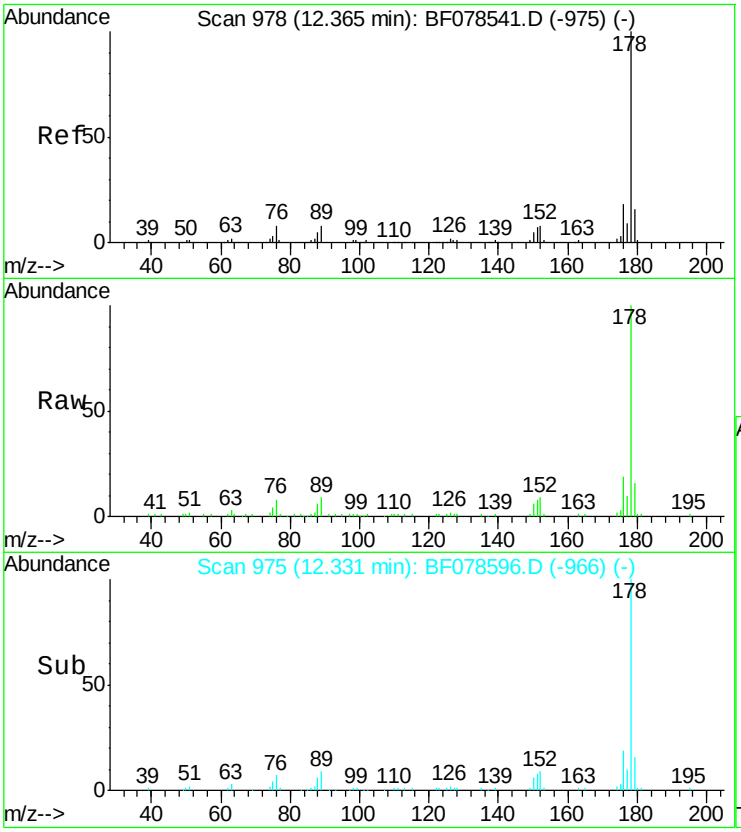


#70
Phenanthrene
Concen: 27.98 ng
RT: 12.27 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Tgt Ion:178 Resp: 189092

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.1	12.2	18.2



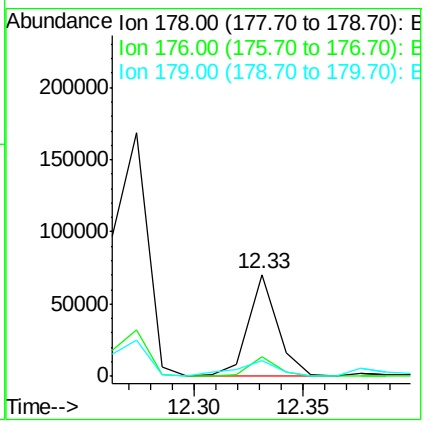


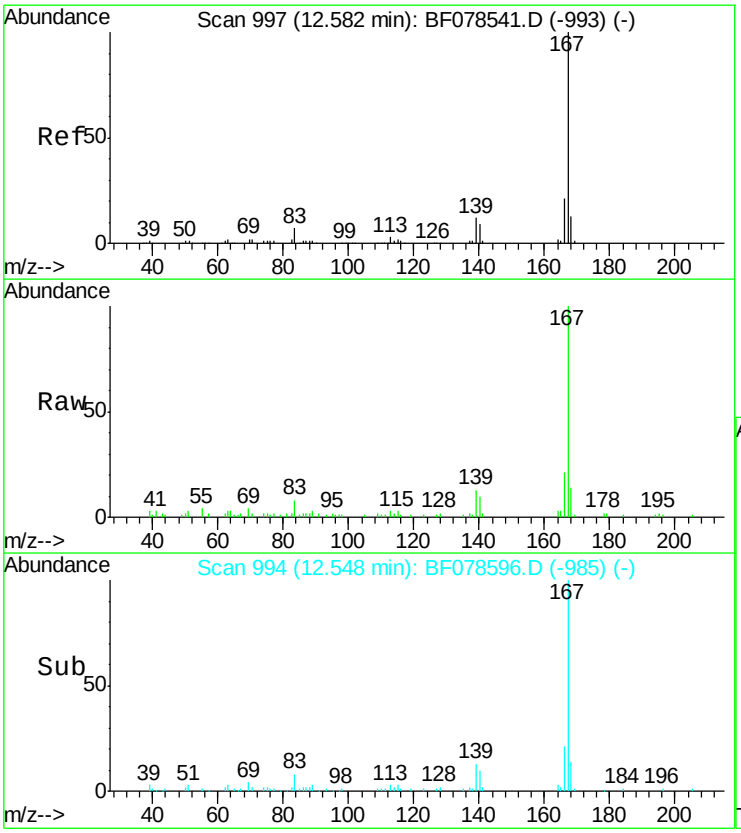
#71
Anthracene
Concen: 9.64 ng
RT: 12.33 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Instrument :
BNA_F
ClientSampleId :
HS-SB01ADL

Tgt Ion:178 Resp: 64210

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	16.0	12.4	18.6

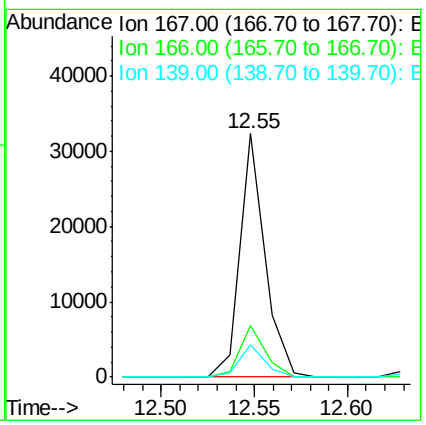


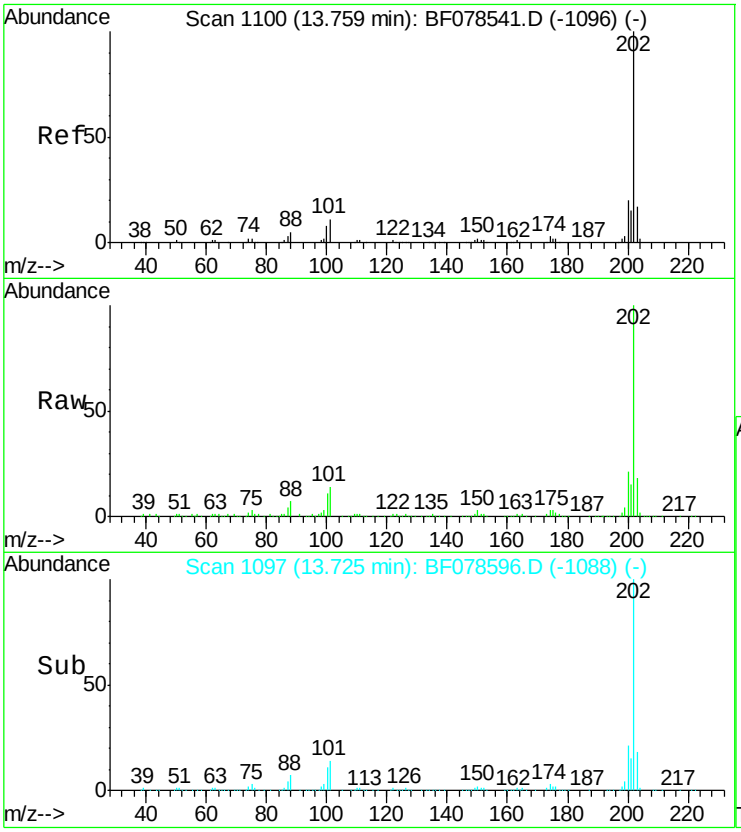


#72
Carbazole
Concen: 4.84 ng
RT: 12.55 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Tgt Ion:167 Resp: 30188

Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.8	25.2
139	13.4	10.0	15.0



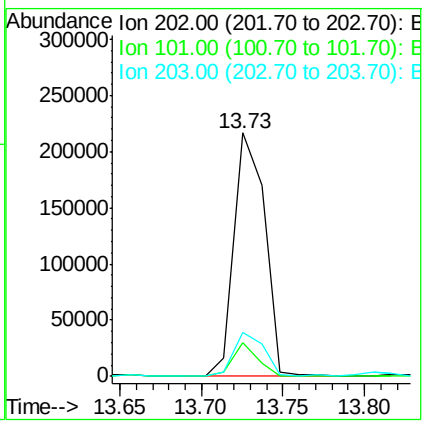


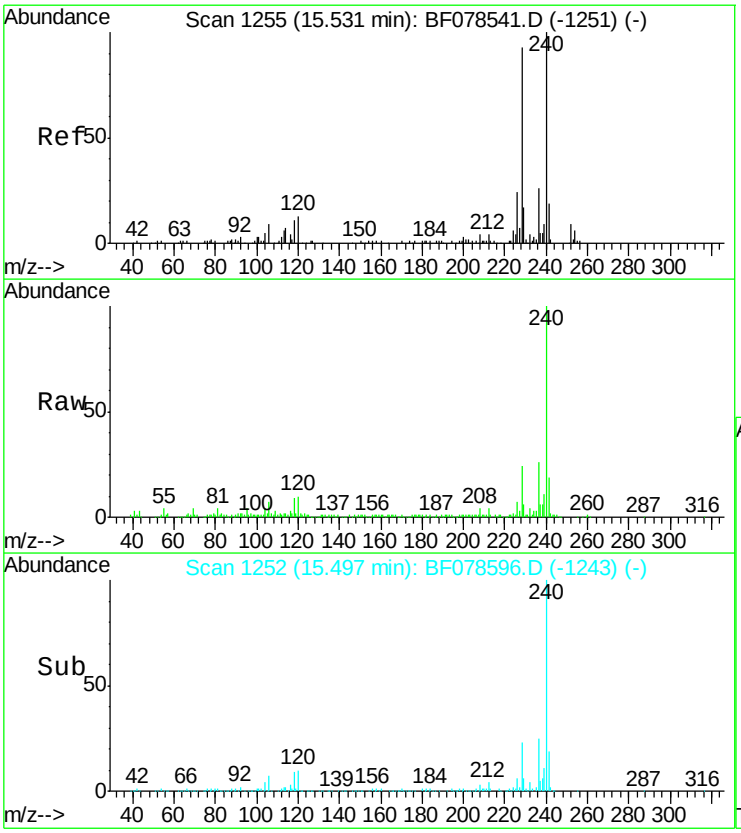
#74
Fluoranthene
Concen: 39.18 ng
RT: 13.73 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Instrument :
BNA_F
ClientSampleId :
HS-SB01ADL

Tgt Ion:202 Resp: 279257

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	35.2
203	17.9	0.0	38.5

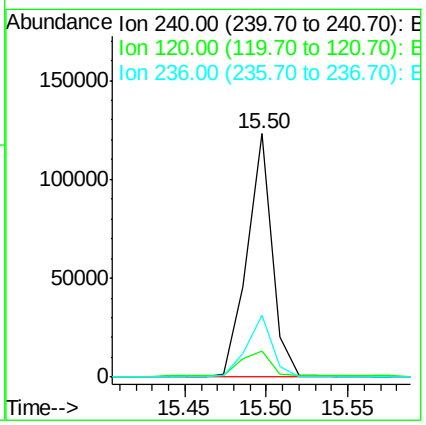


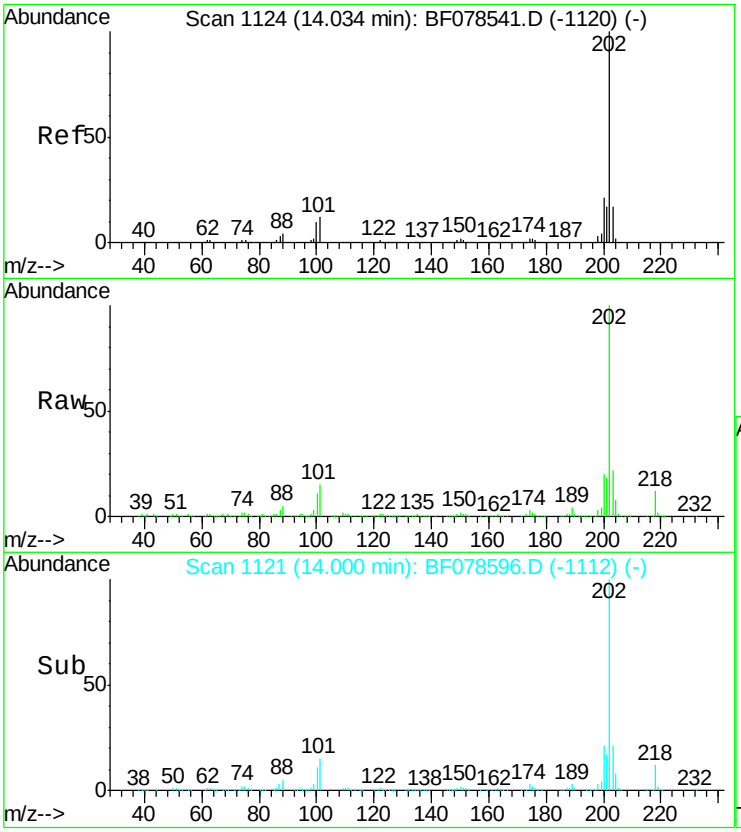


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Tgt Ion:240 Resp: 132353

Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.1	10.7
236	25.6	21.4	32.2



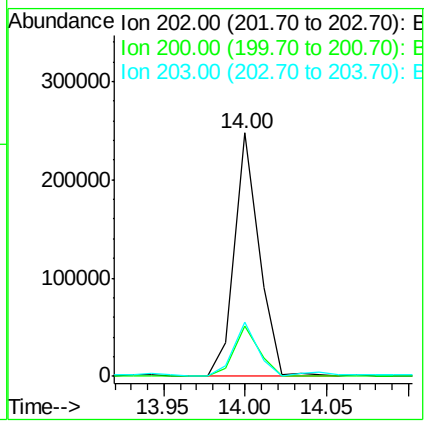


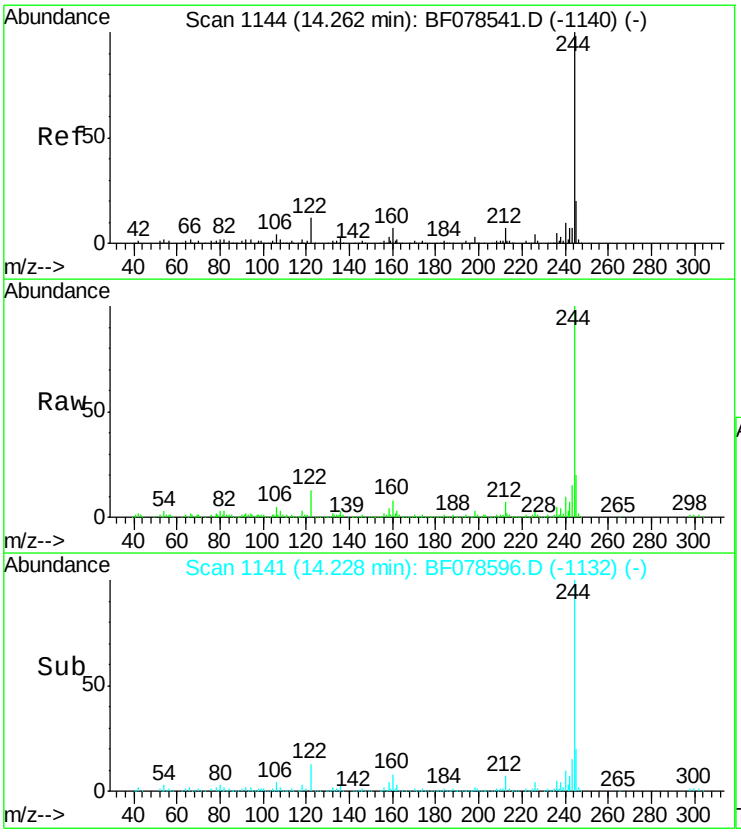
#77
Pyrene
Concen: 31.13 ng
RT: 14.00 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Instrument :
BNA_F
ClientSampleId :
HS-SB01ADL

Tgt Ion:202 Resp: 258685

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	22.4	13.8	20.6#

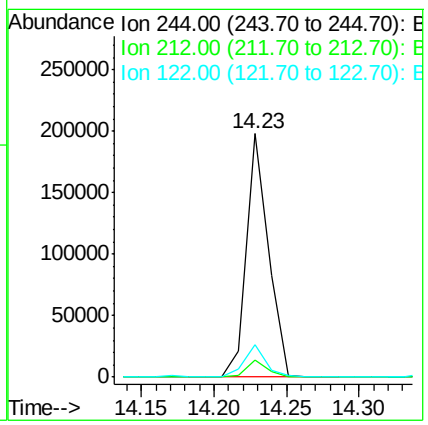


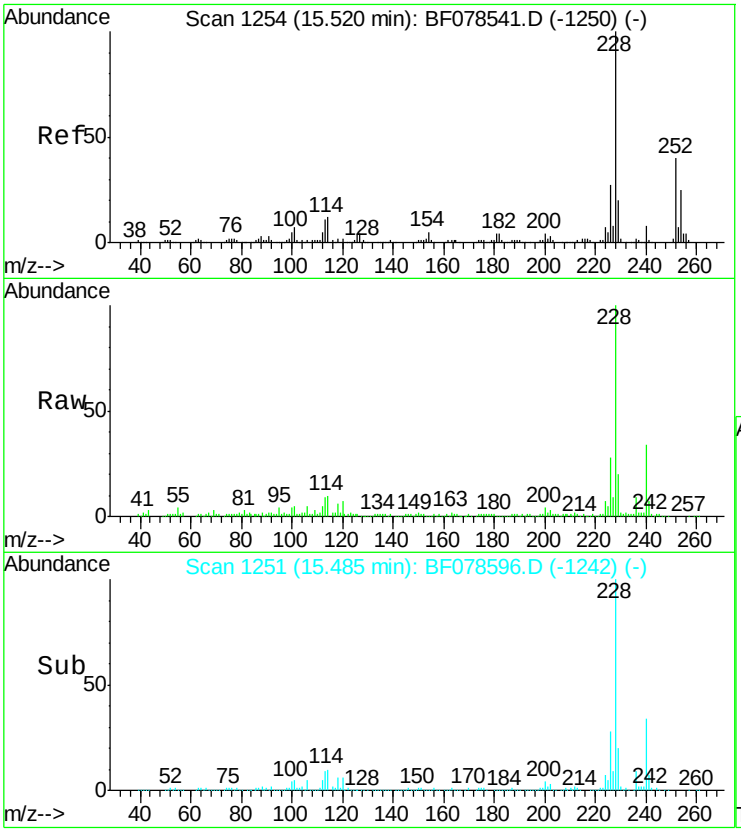


#78
Terphenyl-d14
Concen: 35.68 ng
RT: 14.23 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Tgt Ion:244 Resp: 208965

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.0	7.4
122	13.3	7.1	10.7#



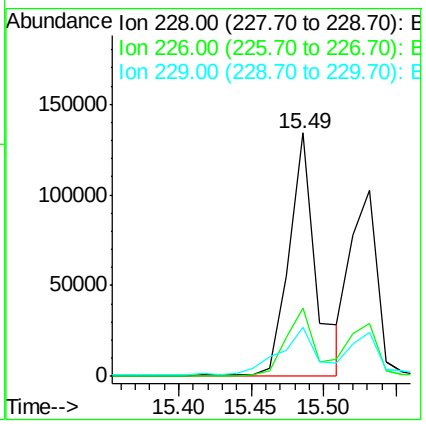


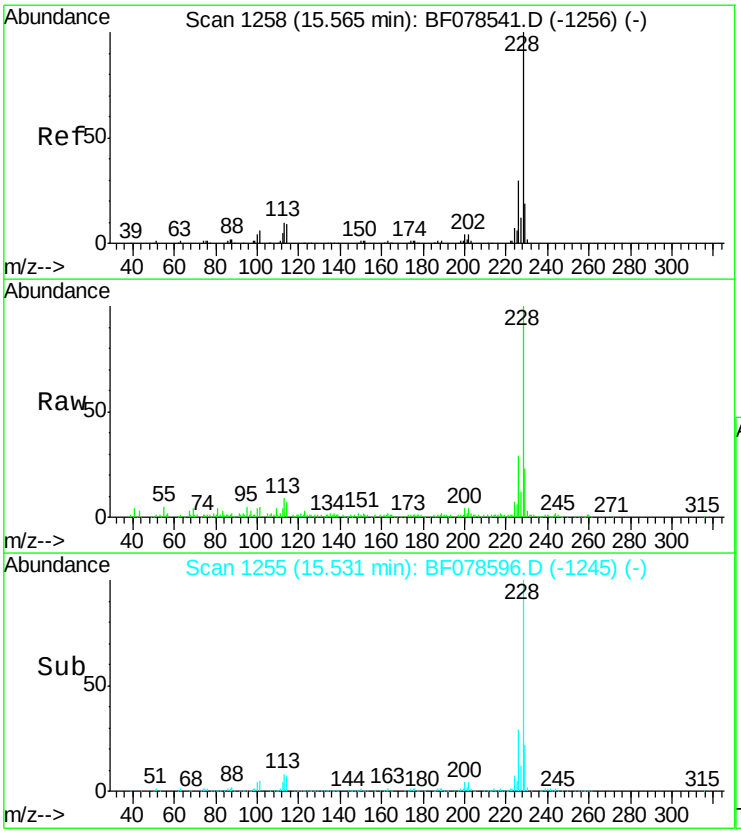
#80
Benzo(a)anthracene
Concen: 21.79 ng
RT: 15.49 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Instrument :
BNA_F
ClientSampleId :
HS-SB01ADL

Tgt Ion:228 Resp: 171585

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.3	31.9
229	20.3	15.4	23.2

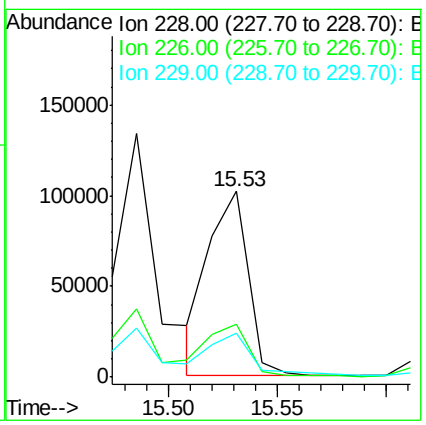


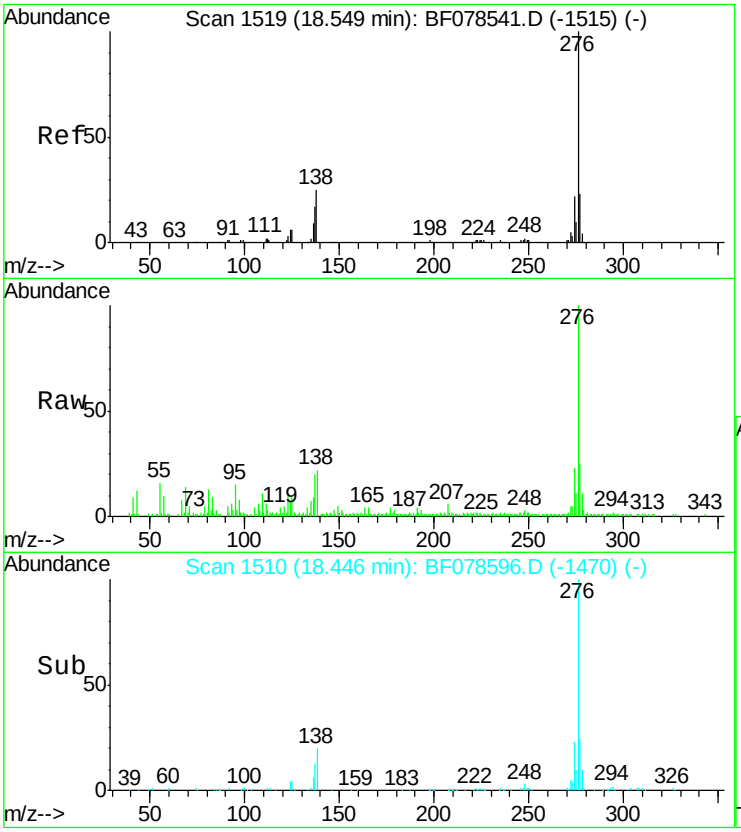


#82
Chrysene
Concen: 17.29 ng
RT: 15.53 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Tgt Ion:228 Resp: 127946

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.2	36.4
229	23.5	15.8	23.8



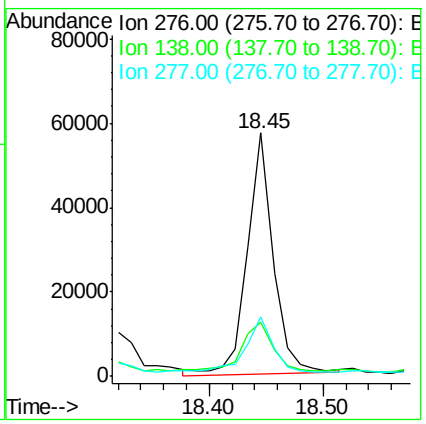


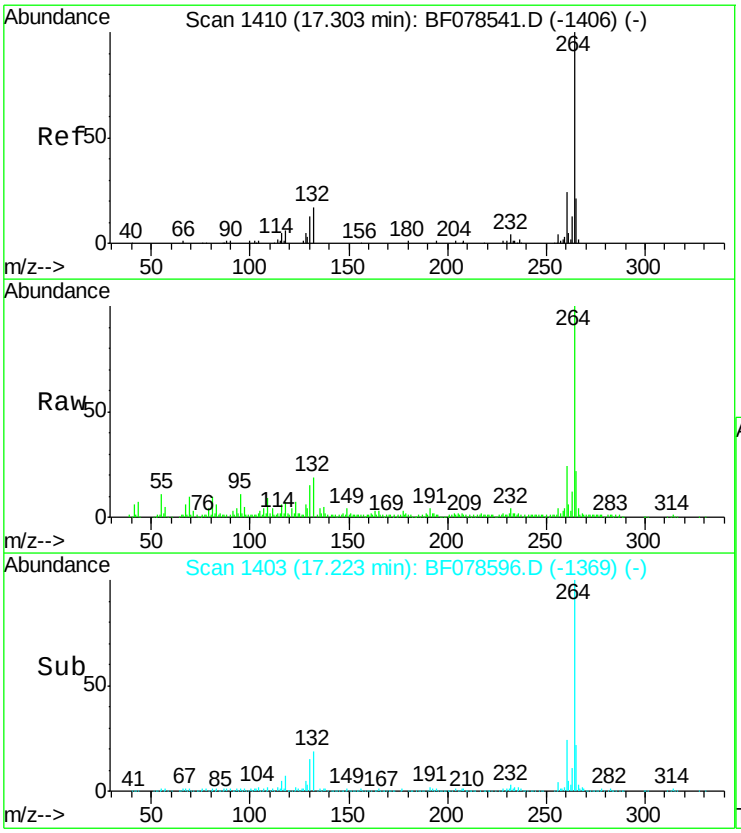
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.70 ng m
RT: 18.45 min Scan# 1510
Delta R.T. 0.16 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Instrument :
BNA_F
ClientSampleId :
HS-SB01ADL

Tgt Ion:276 Resp: 89855

Ion	Ratio	Lower	Upper
276	100		
138	5.5	16.9	25.3#
277	5.0	15.8	23.6#

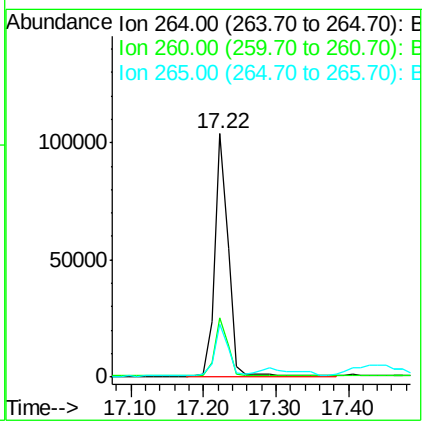


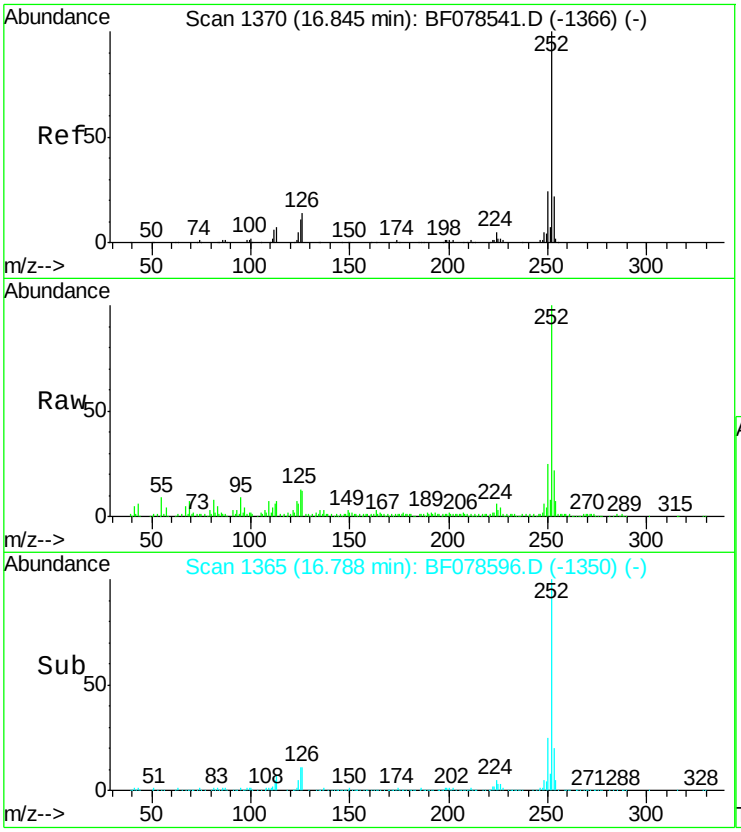


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.22 min Scan# 1403
Delta R.T. 0.09 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Tgt Ion:264 Resp: 132393

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	21.9	17.0	25.6



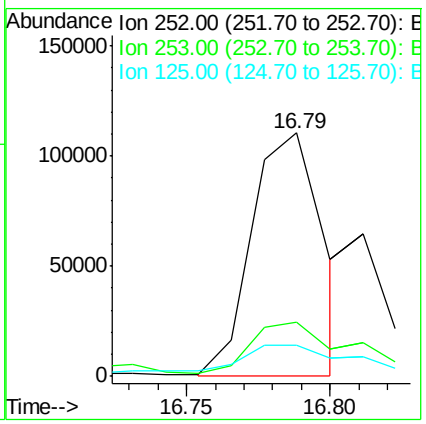


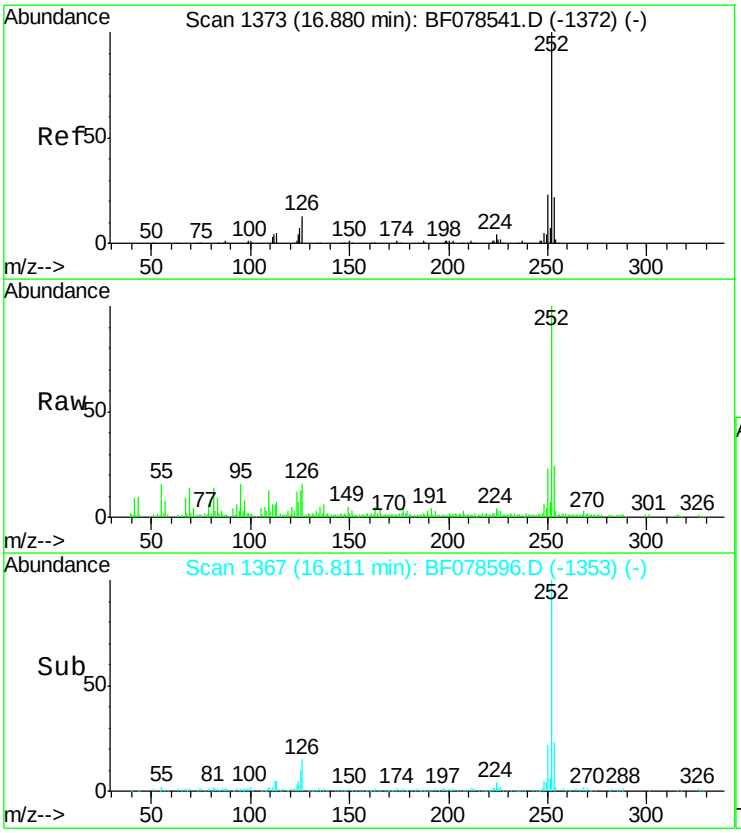
#87
Benzo(b)fluoranthene
Concen: 23.38 ng m
RT: 16.79 min Scan# 1365
Delta R.T. 0.07 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Instrument :
BNA_F
ClientSampleId :
HS-SB01ADL

Tgt Ion:252 Resp: 191302

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	12.9	7.0	10.4#

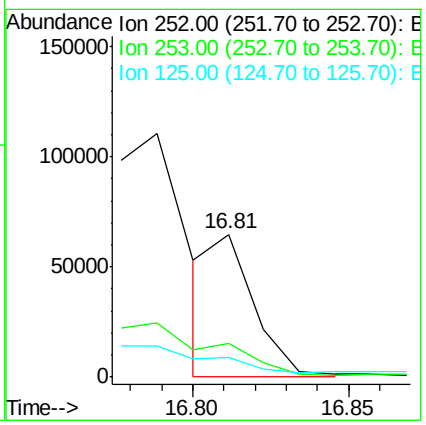


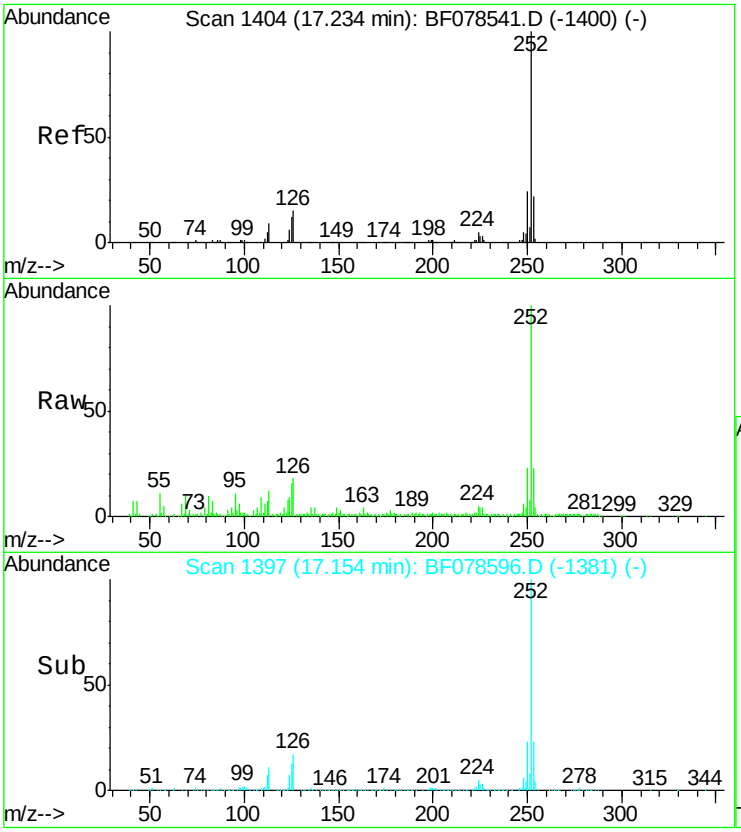


#88
Benzo(k)fluoranthene
Concen: 8.51 ng m
RT: 16.81 min Scan# 1367
Delta R.T. 0.06 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Tgt Ion:252 Resp: 61873

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	13.5	11.6	17.4



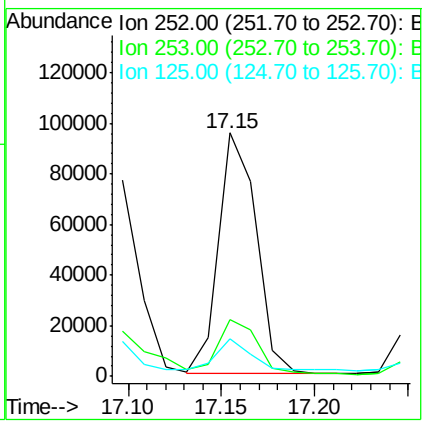


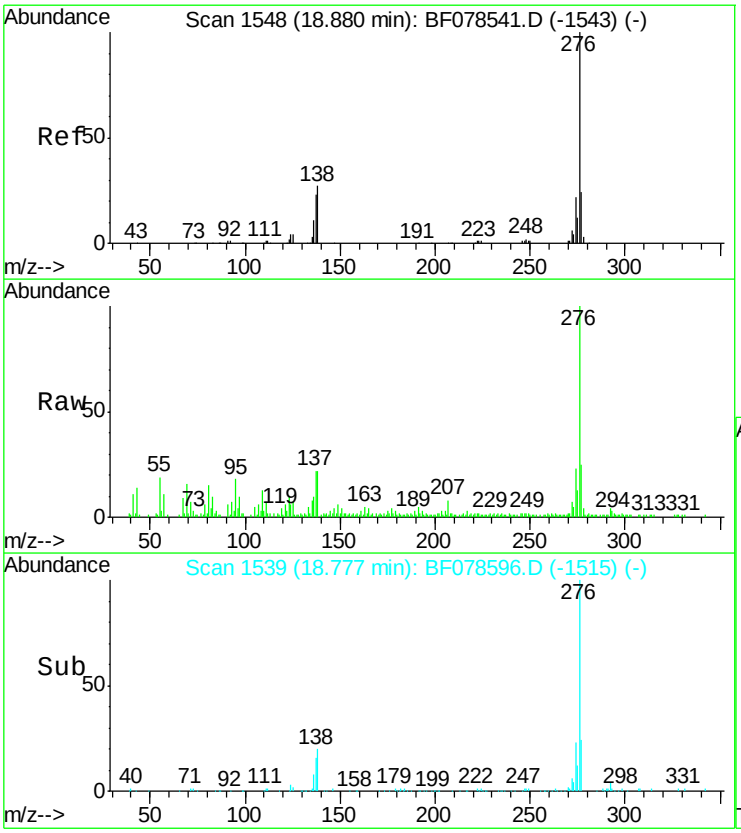
#89
Benzo(a)pyrene
Concen: 18.78 ng
RT: 17.15 min Scan# 1397
Delta R.T. 0.08 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Instrument :
BNA_F
ClientSampleId :
HS-SB01ADL

Tgt Ion:252 Resp: 134123

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.8	25.2
125	15.7	7.4	11.0#





#91
Benzo(g,h,i)perylene
Concen: 11.22 ng m
RT: 18.78 min Scan# 1539
Delta R.T. 0.17 min
Lab File: BF078596.D
Acq: 17 Apr 2015 7:33

Tgt Ion:276 Resp: 80407

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.0	28.4
138	22.1	19.9	29.9