Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040815\
Data File : BF078345.D
Acq On : 8 Apr 2015 20:33
Operator : TP/IZ
Sample : G1793-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5S

Quant Time: Apr 09 01:42:25 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 00:49:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	43907	20.00	ng		0.00
21) Naphthalene-d8	8.49	136	176122	20.00	ng		0.00
38) Acenaphthene-d10	10.65	164	84851	20.00	ng		0.00
63) Phenanthrene-d10	12.48	188	162886	20.00	ng		0.00
75) Chrysene-d12	15.76	240	174773	20.00	ng		-0.01
86) Perylene-d12	17.55	264	169162	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	236057	88.64	ng		0.01
7) Phenol-d6	6.51	99	300465	90.03	ng		0.00
23) Nitrobenzene-d5	7.61	82	170796	58.78	ng		0.00
41) 2,4,6-Tribromophenol	11.63	330	72987	103.72	ng		0.00
44) 2-Fluorobiphenyl	9.84	172	331210	55.80	ng		0.00
78) Terphenyl-d14	14.48	244	346513	44.80	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	10.35	163	42494	6.67	ng		99
74) Fluoranthene	13.97	202	36277	3.65	ng		92
77) Pyrene	14.25	202	34058	3.10	ng	#	95
80) Benzo(a)anthracene	15.75	228	34162m	3.29	ng		
82) Chrysene	15.79	228	30379	3.11	ng		98
83) Bis(2-ethylhexyl)phthalate	15.84	149	22077	3.37	ng	#	98
85) Indeno(1,2,3-cd)pyrene	18.85	276	29897	2.70	ng	#	88
87) Benzo(b)fluoranthene	17.08	252	62282m	5.96	ng		
88) Benzo(k)fluoranthene	17.12	252	20719m	2.23	ng		
89) Benzo(a)pyrene	17.48	252	36283	3.98	ng	#	90
91) Benzo(g,h,i)perylene	19.22	276	30206	3.30	ng		98

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040815\
Data File : BF078345.D
Acq On : 8 Apr 2015 20:33
Operator : TP/IZ
Sample : G1793-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5S

Quant Time: Apr 09 01:42:25 2015
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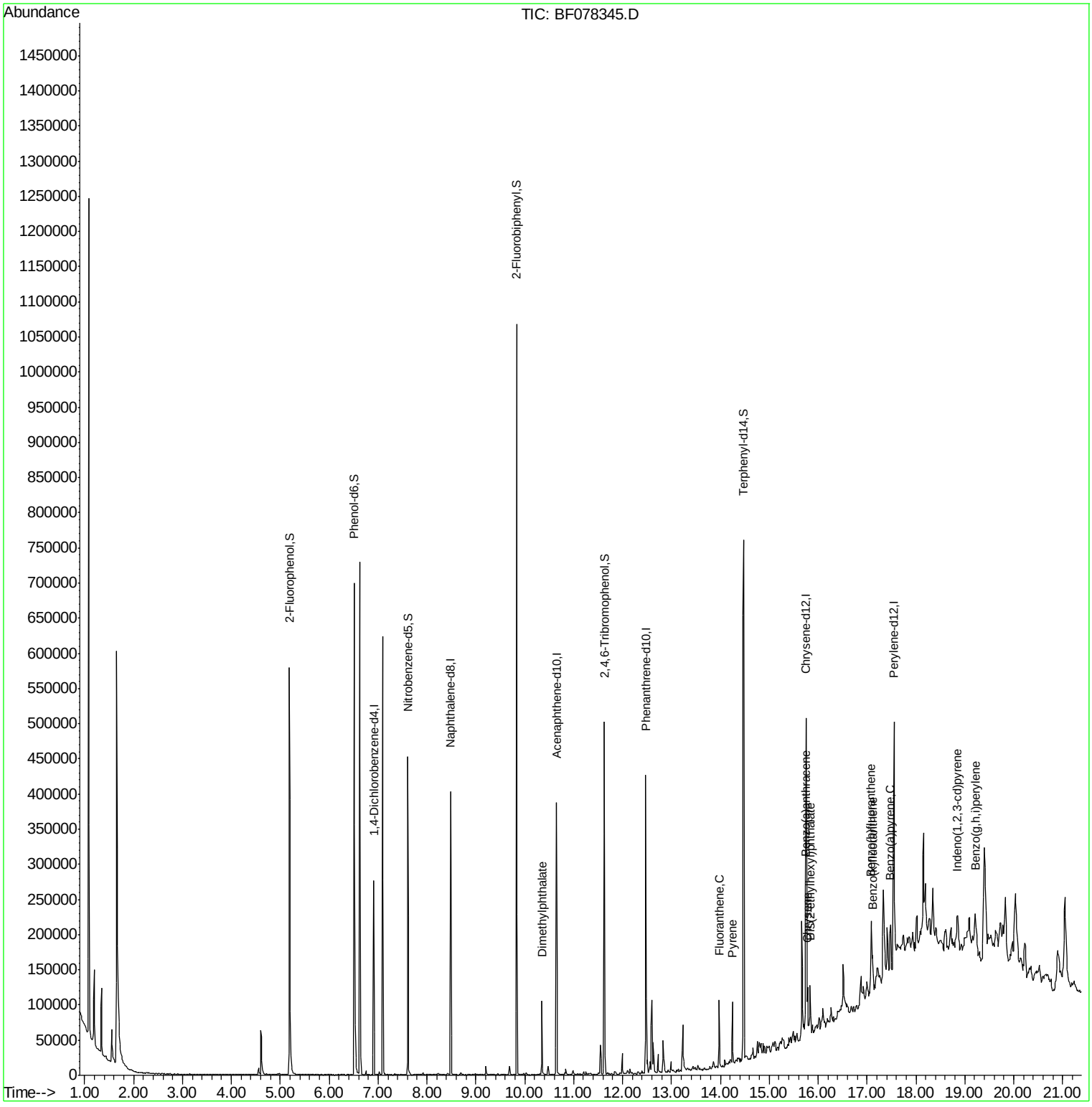
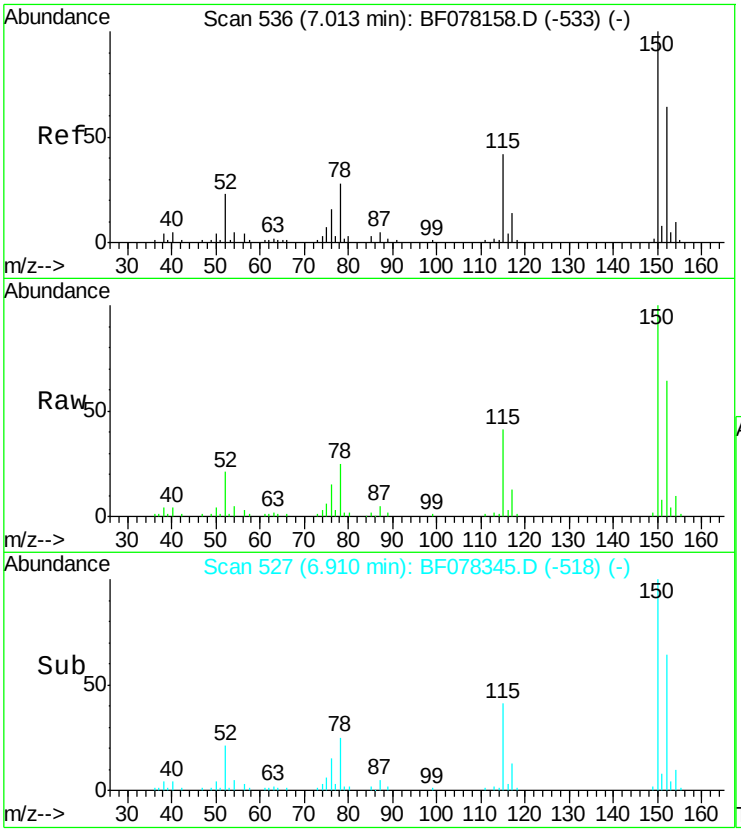


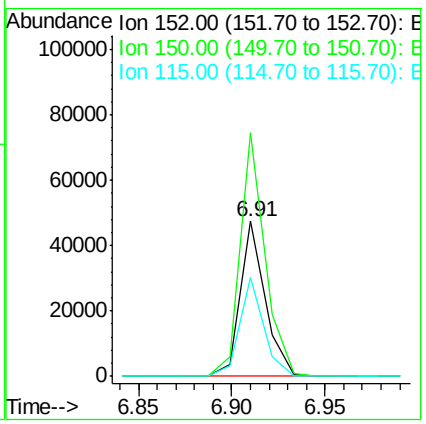


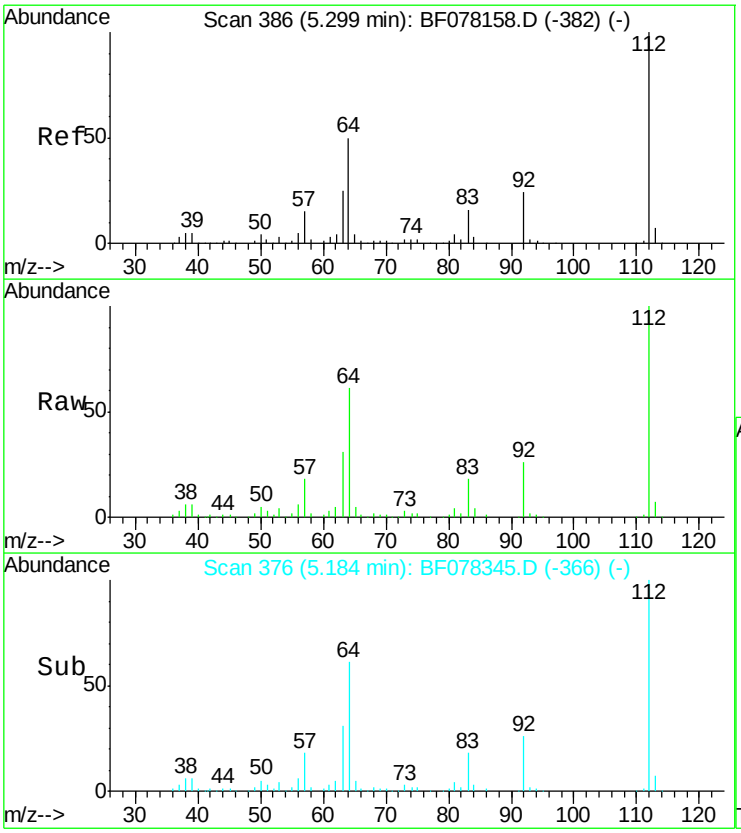
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Instrument :
BNA_F
ClientSampleId :
SB-5S

Tgt Ion:152 Resp: 43907

Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.9	188.9
115	63.7	52.7	79.1

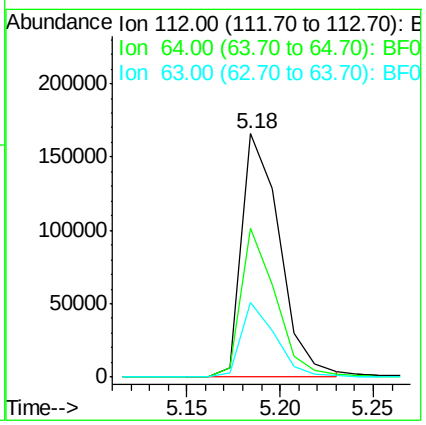


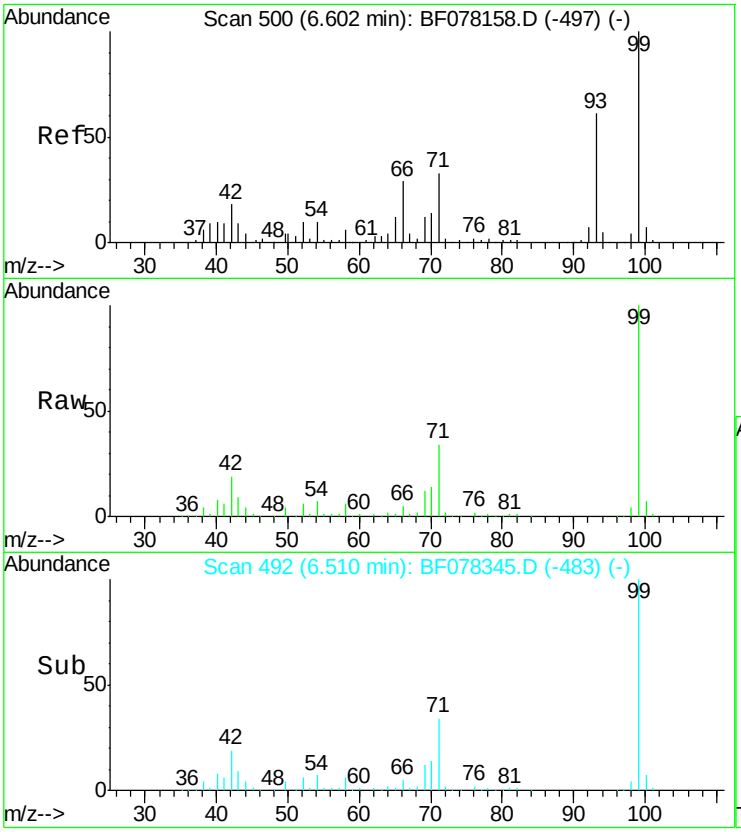


#5
2-Fluorophenol
Concen: 88.64 ng
RT: 5.18 min Scan# 376
Delta R.T. 0.01 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Tgt Ion:112 Resp: 236057

Ion	Ratio	Lower	Upper
112	100		
64	61.0	39.9	59.9#
63	30.9	20.2	30.4#



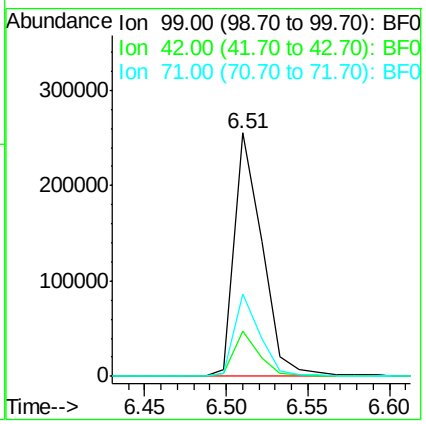


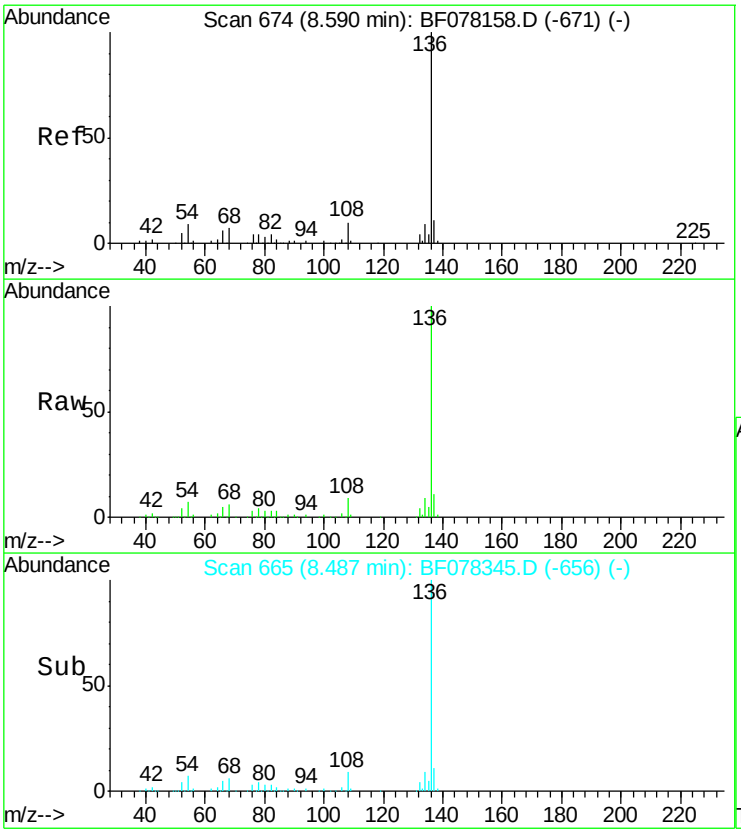
#7
Phenol-d6
Concen: 90.03 ng
RT: 6.51 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Instrument :
BNA_F
ClientSampleId :
SB-5S

Tgt Ion: 99 Resp: 300465

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.8	22.2
71	33.9	26.6	39.8

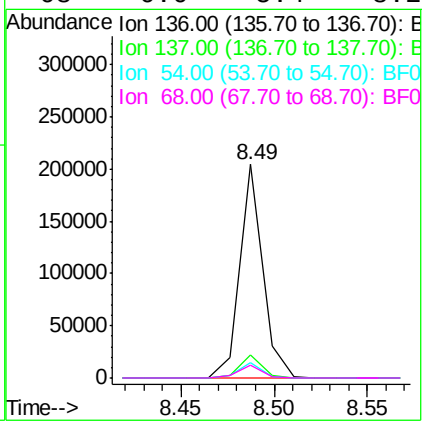


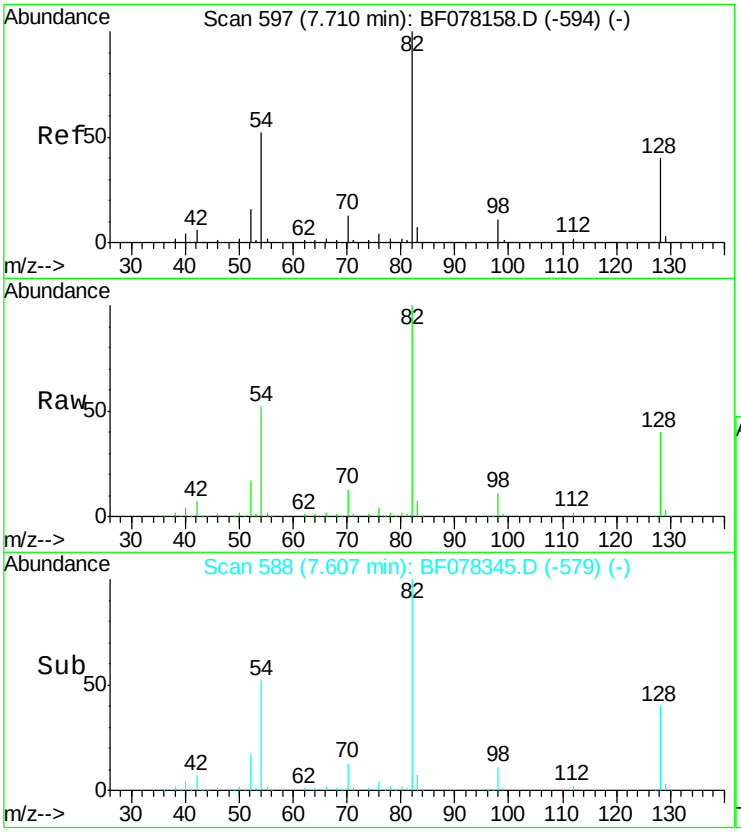


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.49 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Tgt Ion:136 Resp: 176122

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	7.4	7.0	10.6
68	6.0	5.4	8.2



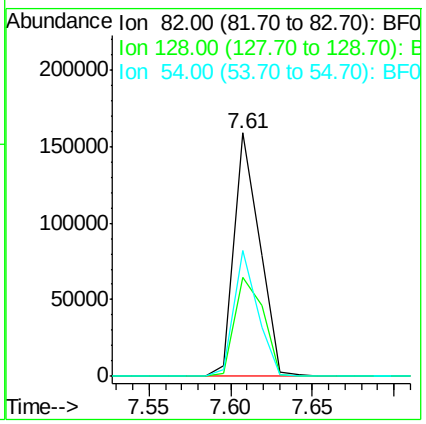


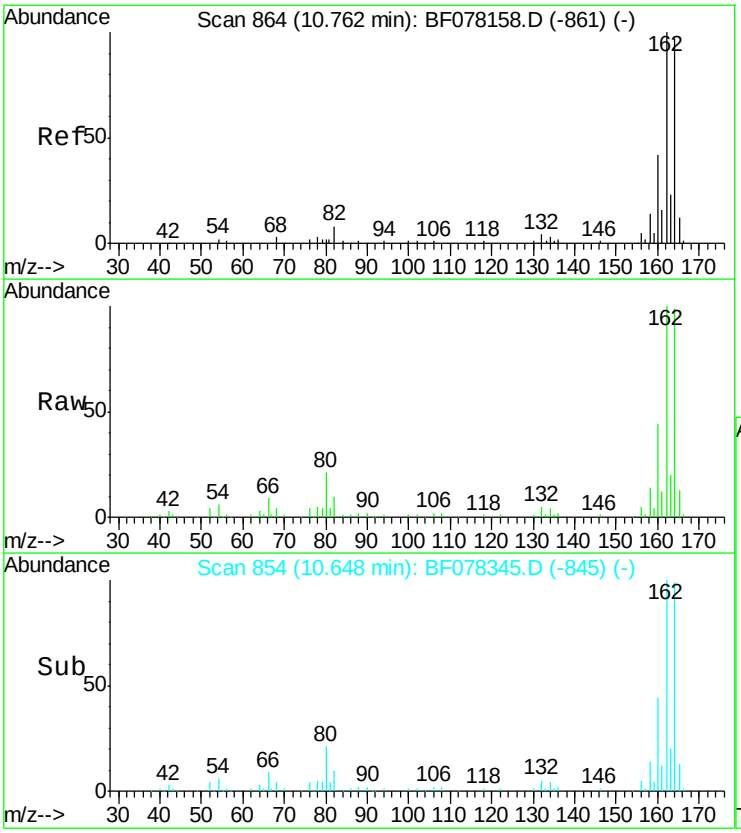
#23
Nitrobenzene-d5
Concen: 58.78 ng
RT: 7.61 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Instrument :
BNA_F
ClientSampleId :
SB-5S

Tgt Ion: 82 Resp: 170796

Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.8	47.8
54	51.9	41.5	62.3

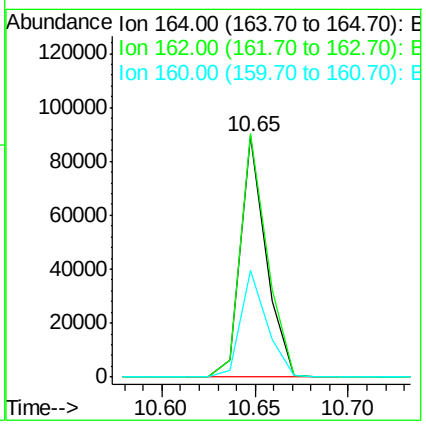


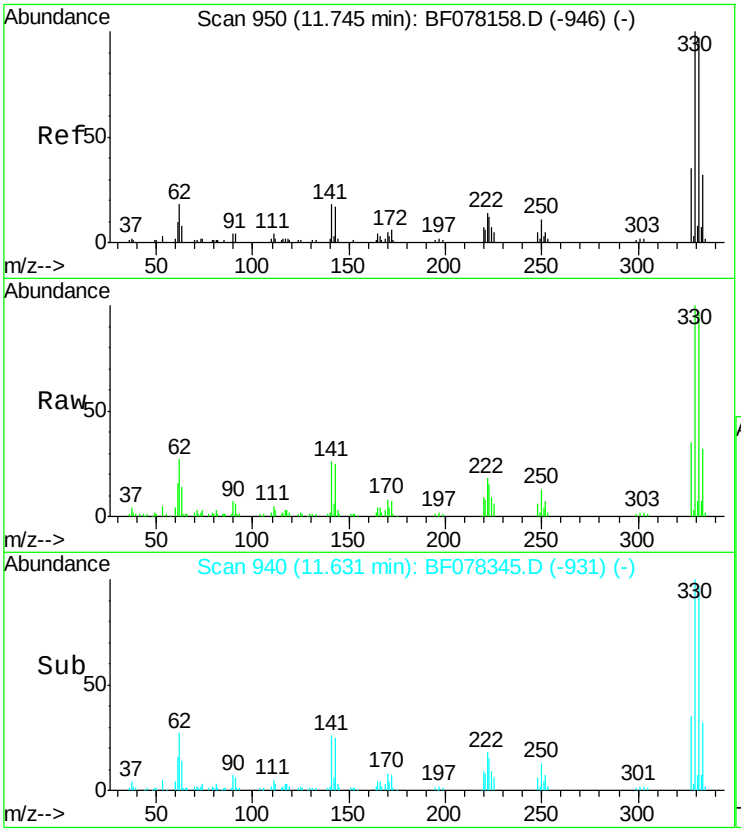


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.65 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Tgt Ion:164 Resp: 84851

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.2	123.2
160	44.5	34.7	52.1



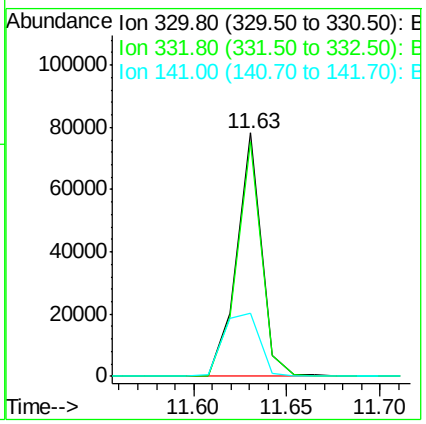


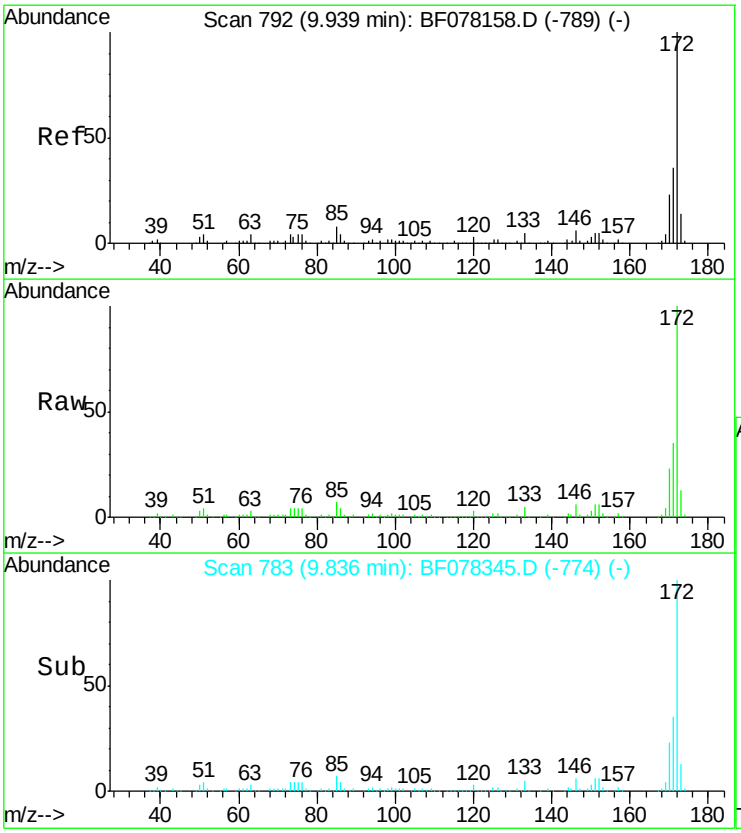
#41
2,4,6-Tribromophenol
Concen: 103.72 ng
RT: 11.63 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Instrument :
BNA_F
ClientSampleId :
SB-5S

Tgt Ion:330 Resp: 72987

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.6	117.8
141	37.9	31.2	46.8

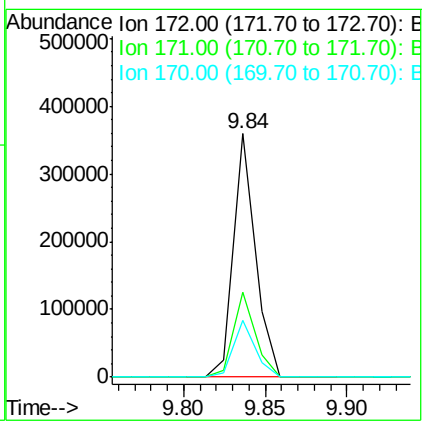


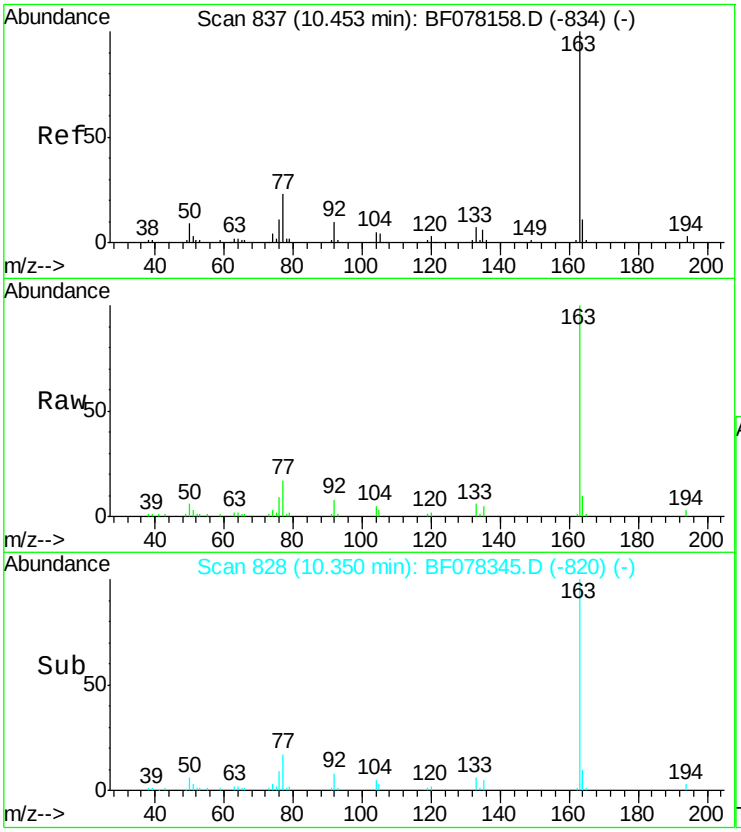


#44
2-Fluorobiphenyl
Concen: 55.80 ng
RT: 9.84 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Tgt Ion:172 Resp: 331210

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	42.8
170	23.5	18.5	27.7



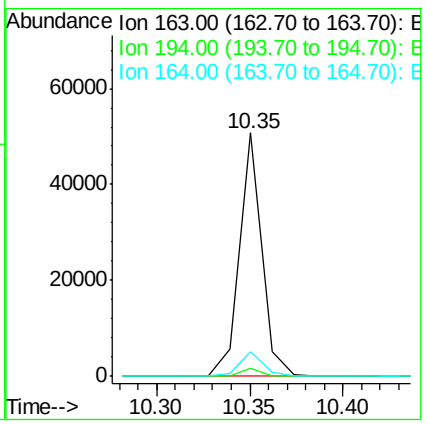


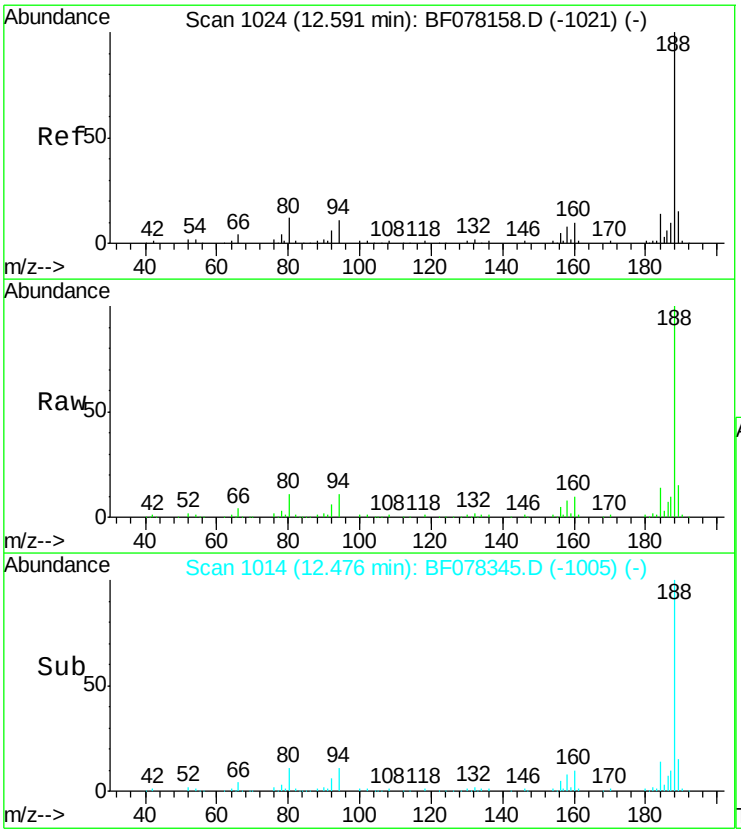
#49
Dimethylphthalate
Concen: 6.67 ng
RT: 10.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Instrument :
BNA_F
ClientSampleId :
SB-5S

Tgt Ion:163 Resp: 42494

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.3	3.5
164	10.4	8.6	13.0

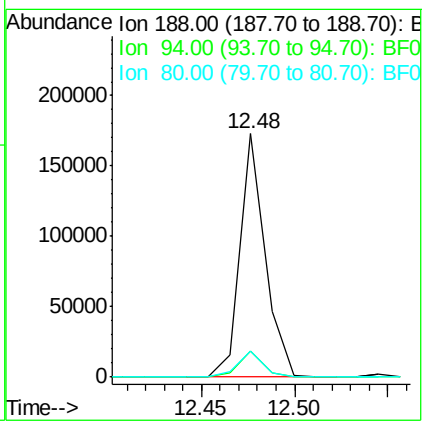


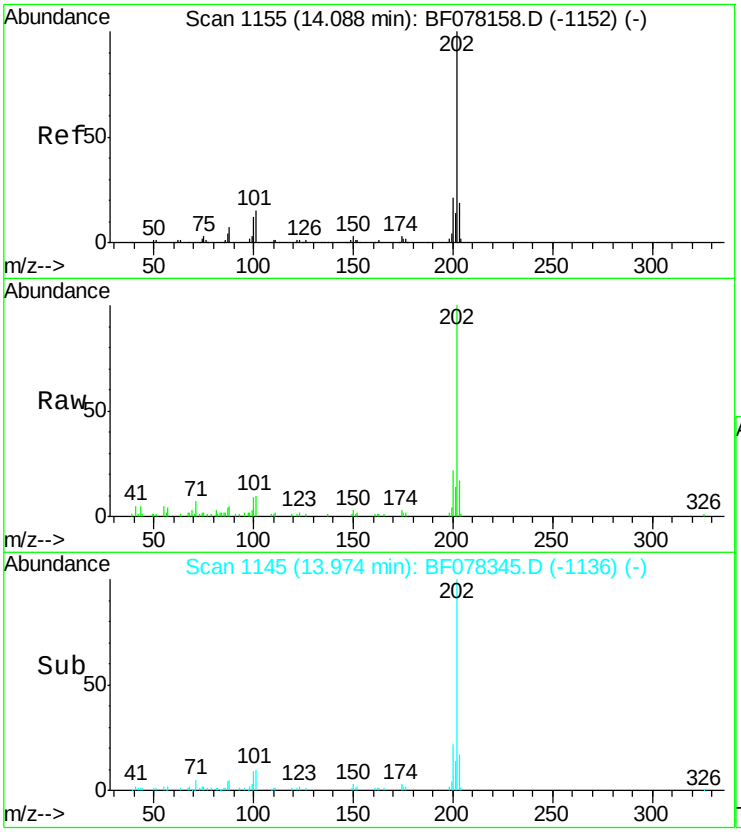


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.48 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Tgt Ion:188 Resp: 162886

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.0	13.4
80	10.8	9.5	14.3



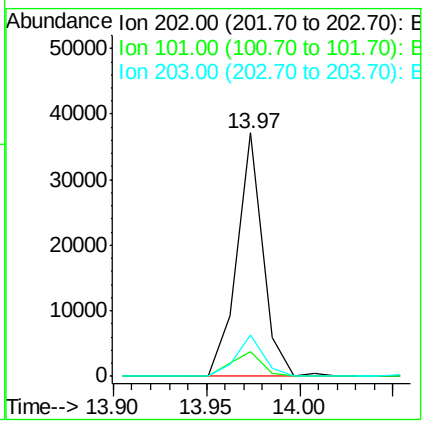


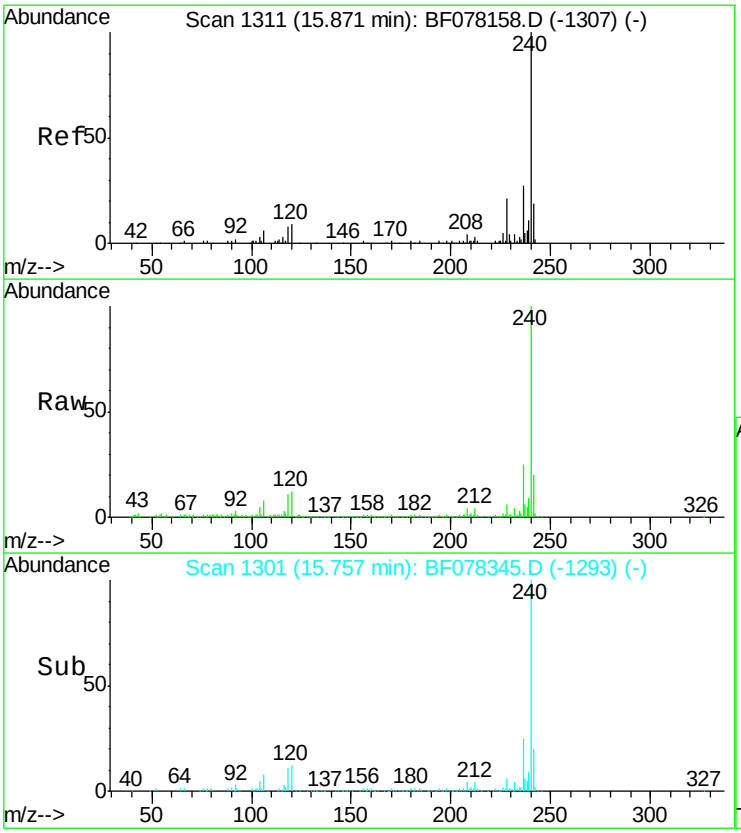
#74
Fluoranthene
Concen: 3.65 ng
RT: 13.97 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Instrument :
BNA_F
ClientSampleId :
SB-5S

Tgt Ion:202 Resp: 36277

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	35.2
203	16.8	0.0	38.5

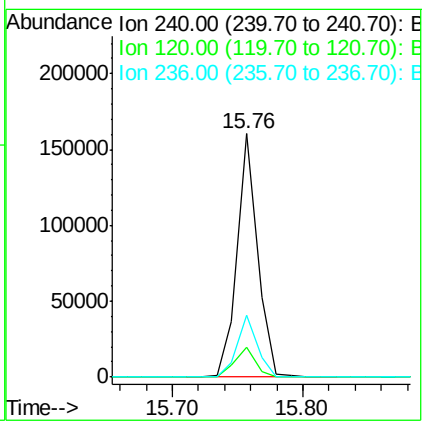


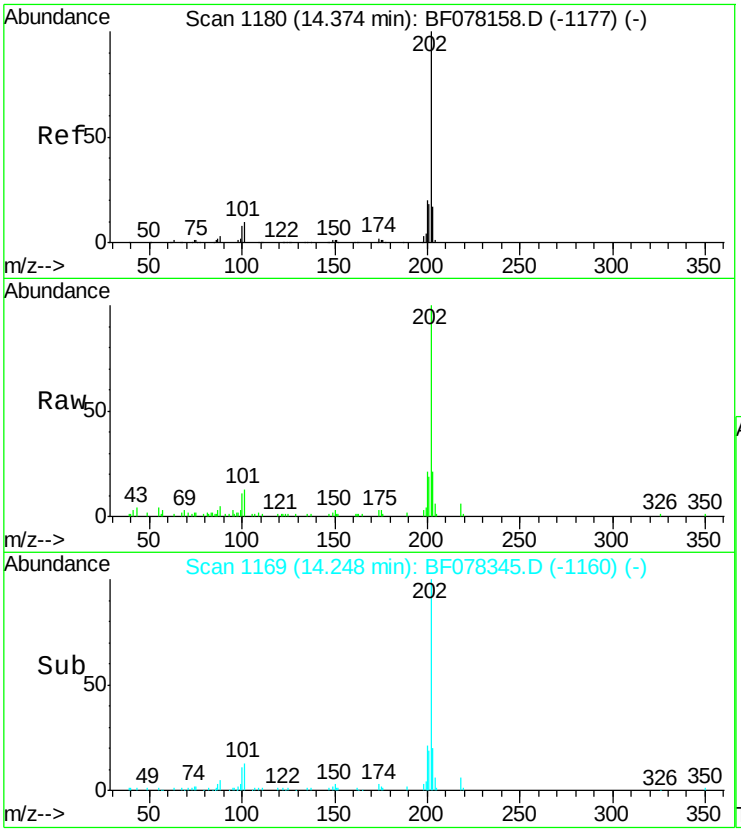


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.76 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Tgt Ion:240 Resp: 174773

Ion	Ratio	Lower	Upper
240	100		
120	12.2	7.1	10.7#
236	25.2	21.4	32.2



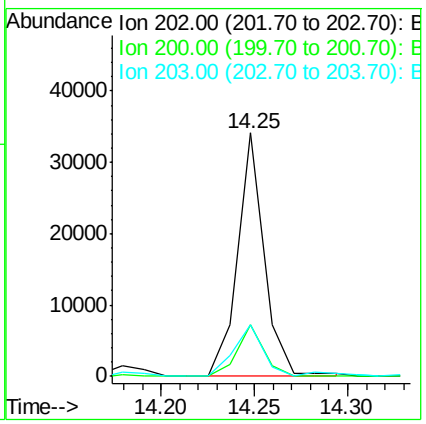


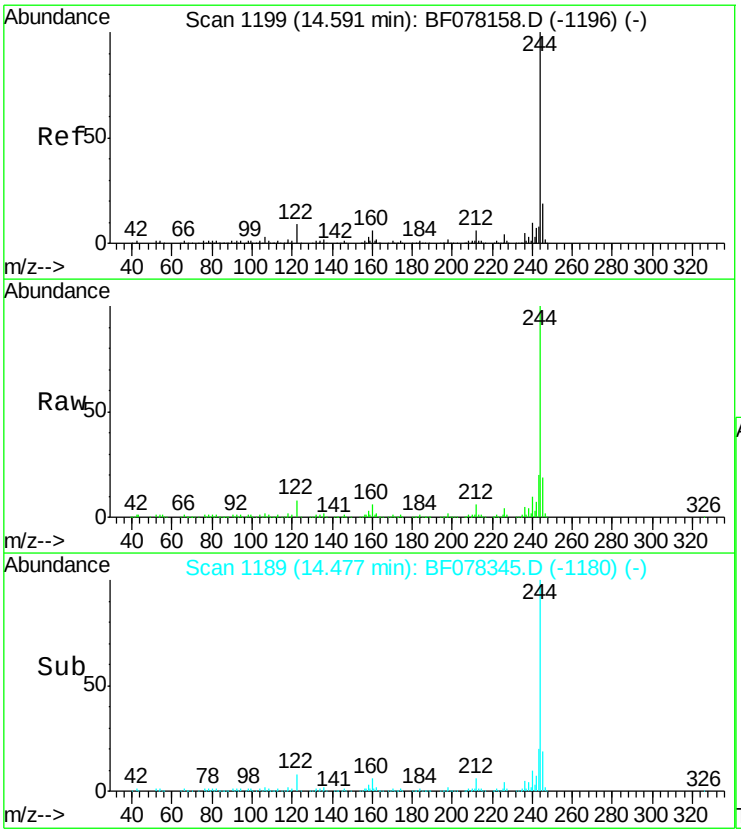
#77
Pyrene
Concen: 3.10 ng
RT: 14.25 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Instrument :
BNA_F
ClientSampleId :
SB-5S

Tgt Ion:202 Resp: 34058

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.3	24.5
203	21.0	13.8	20.6#

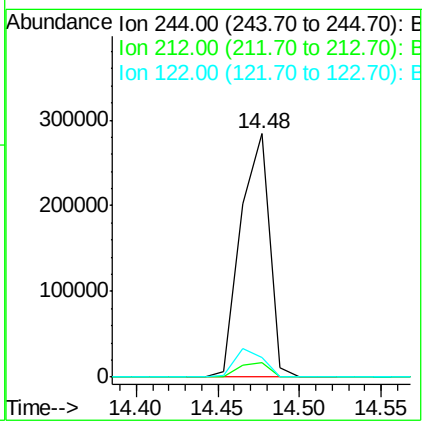


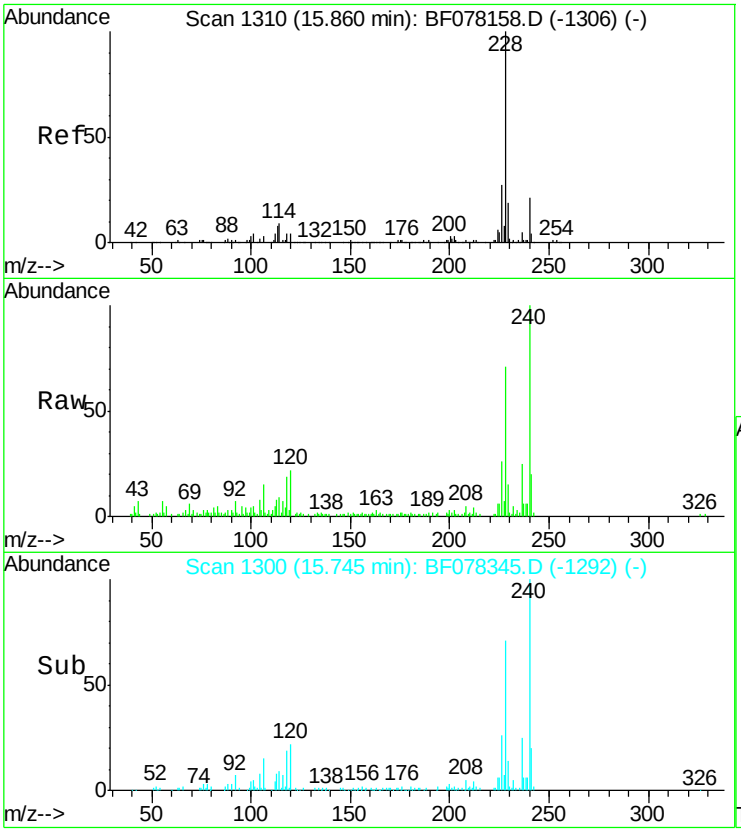


#78
Terphenyl-d14
Concen: 44.80 ng
RT: 14.48 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Tgt Ion:244 Resp: 346513

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.0	7.4
122	8.0	7.1	10.7



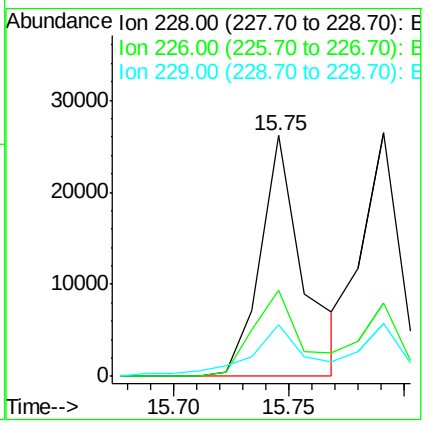


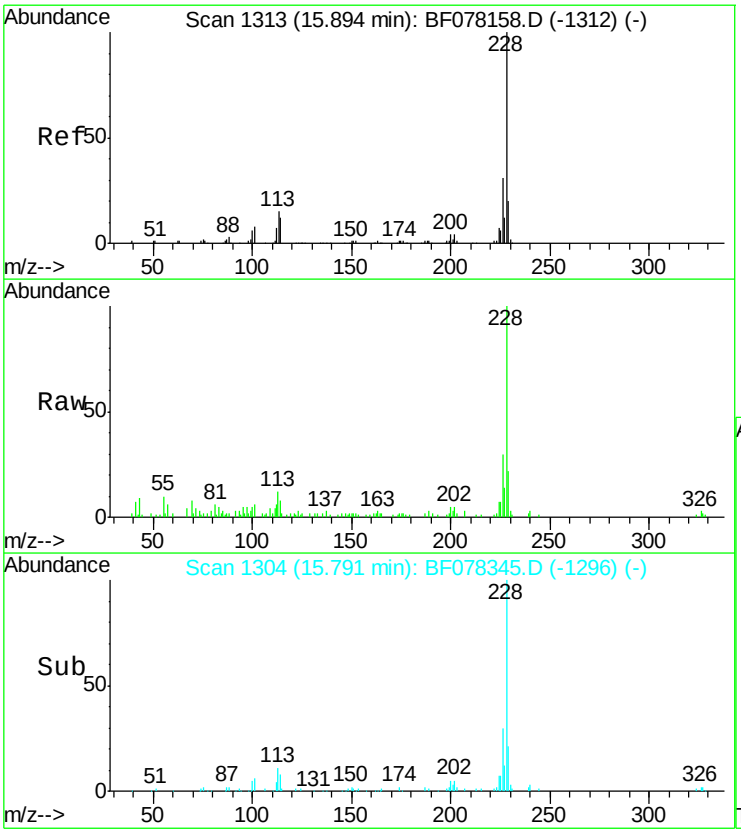
#80
Benzo(a)anthracene
Concen: 3.29 ng m
RT: 15.75 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Instrument :
BNA_F
ClientSampleId :
SB-5S

Tgt Ion:228 Resp: 34162

Ion	Ratio	Lower	Upper
228	100		
226	35.8	21.3	31.9#
229	21.4	15.4	23.2

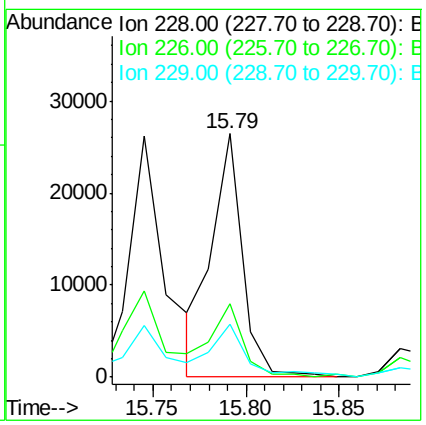


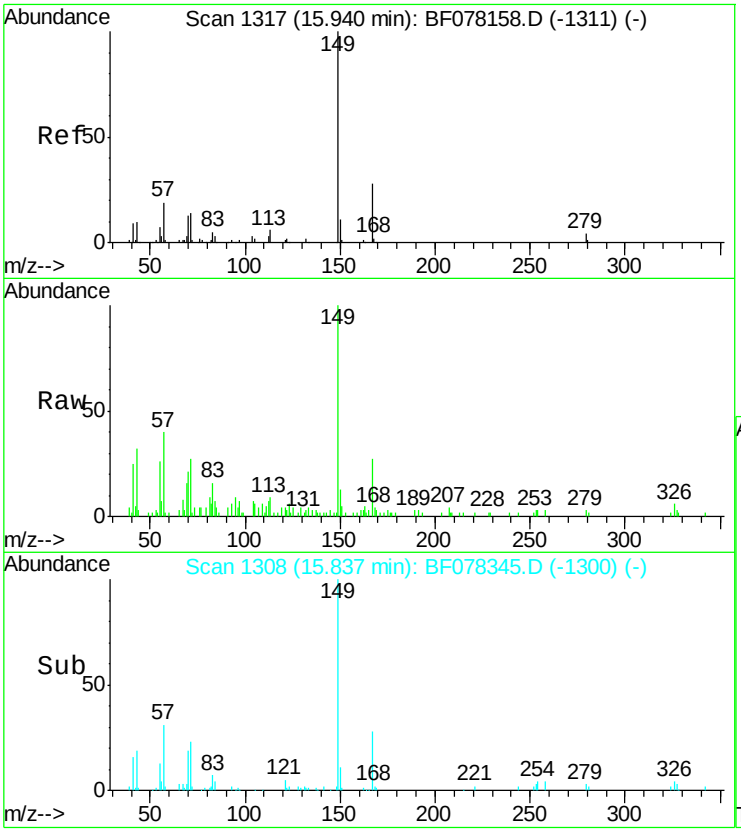


#82
Chrysene
Concen: 3.11 ng
RT: 15.79 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Tgt Ion:228 Resp: 30379

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	21.9	15.8	23.8



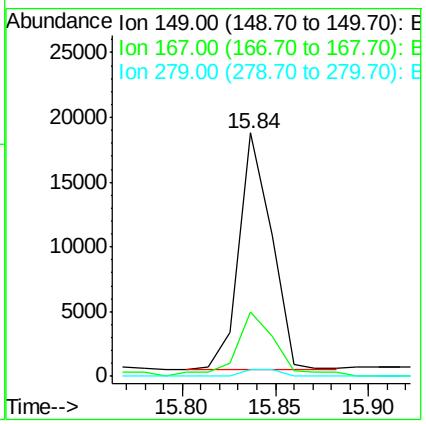


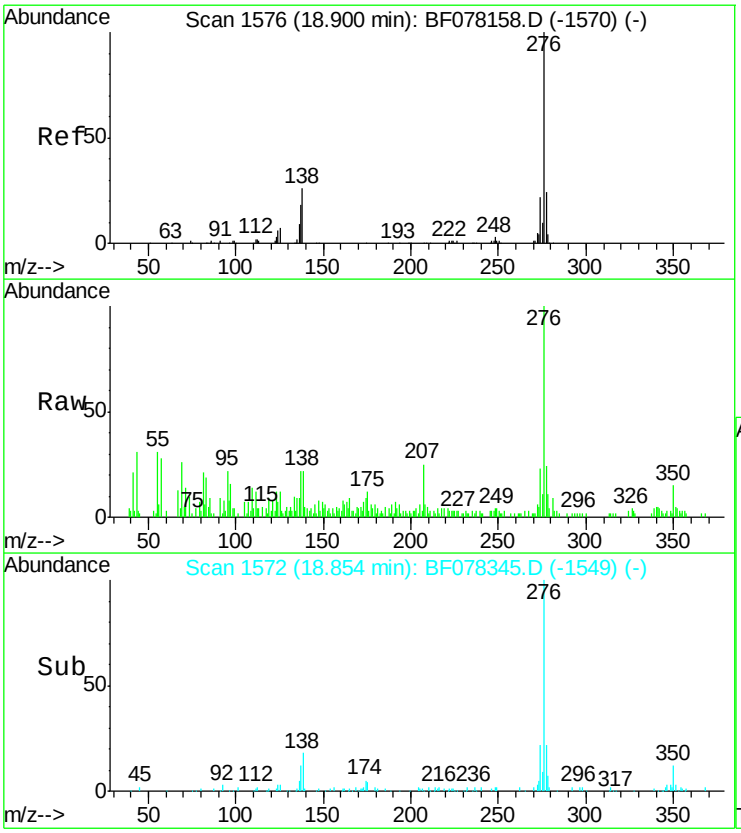
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.37 ng
RT: 15.84 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Instrument :
BNA_F
ClientSampleId :
SB-5S

Tgt Ion:149 Resp: 22077

Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.2	33.2
279	2.8	3.2	4.8#

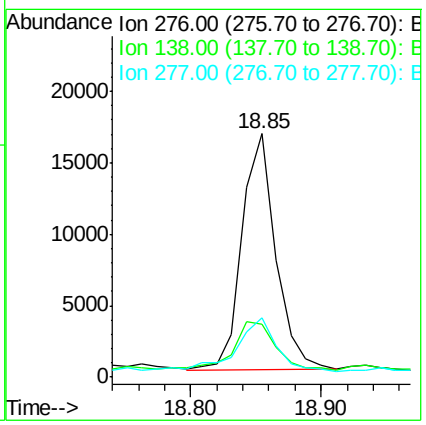


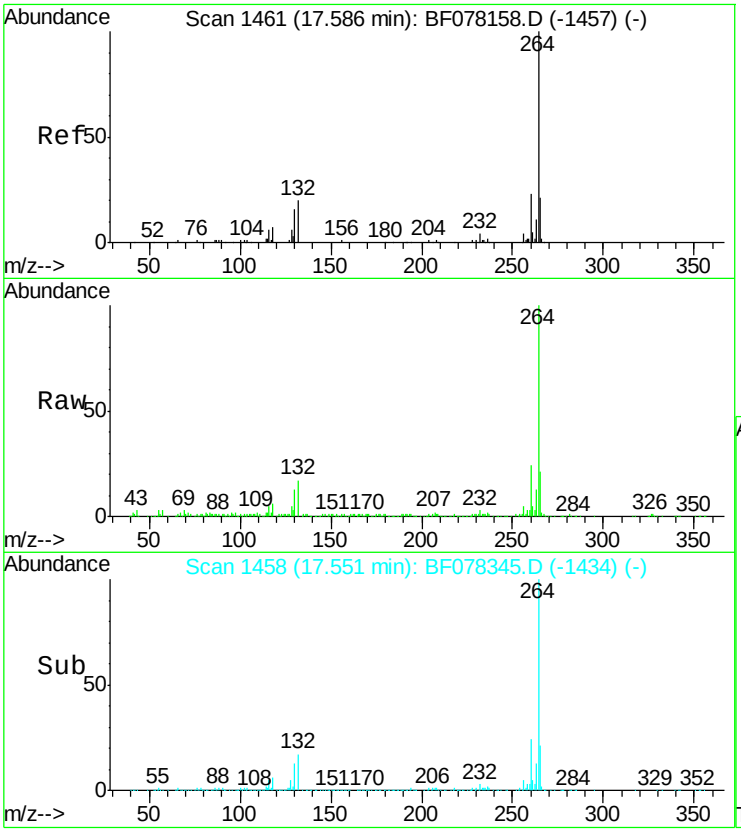


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.70 ng
RT: 18.85 min Scan# 1572
Delta R.T. -0.03 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Tgt Ion:276 Resp: 29897

Ion	Ratio	Lower	Upper
276	100		
138	25.3	16.9	25.3
277	26.8	15.8	23.6#



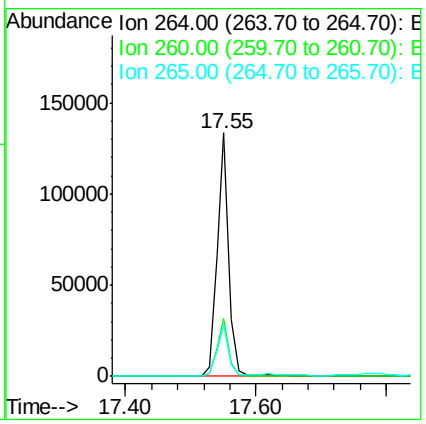


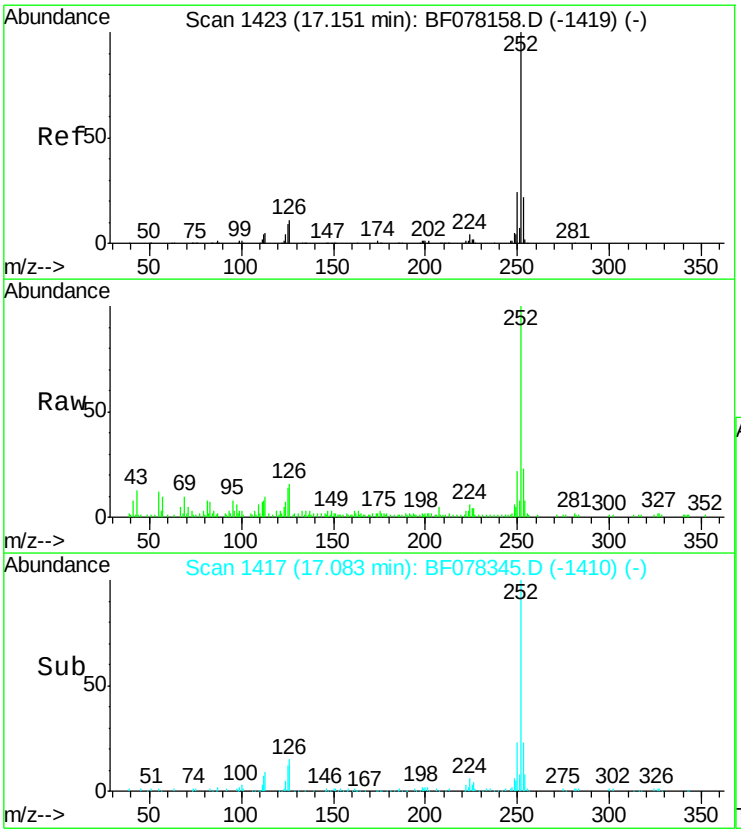
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.55 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Instrument :
BNA_F
ClientSampleId :
SB-5S

Tgt Ion:264 Resp: 169162

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.2	17.0	25.6

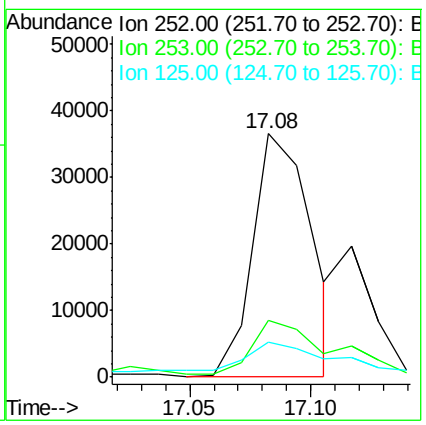


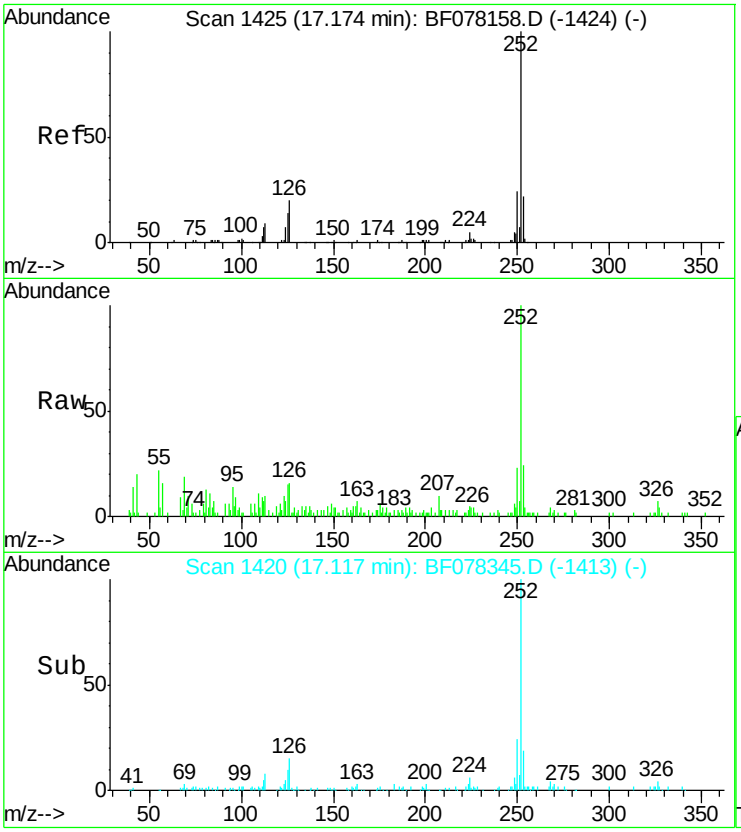


#87
Benzo(b)fluoranthene
Concen: 5.96 ng m
RT: 17.08 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Tgt Ion:252 Resp: 62282

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	14.5	7.0	10.4#



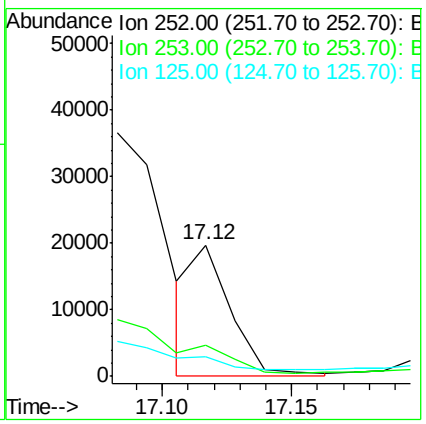


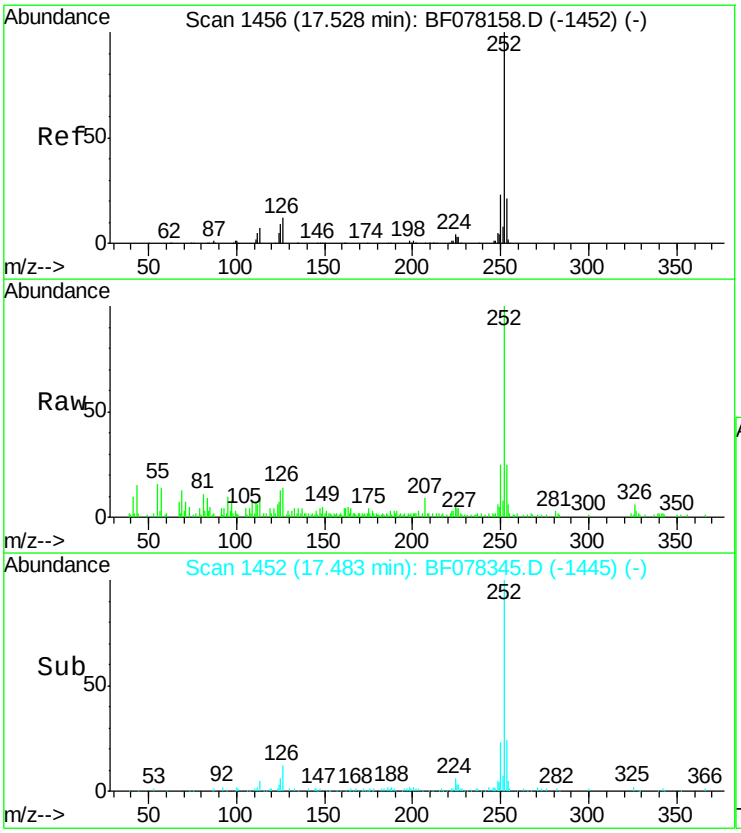
#88
Benzo(k)fluoranthene
Concen: 2.23 ng m
RT: 17.12 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Instrument :
BNA_F
ClientSampleId :
SB-5S

Tgt Ion:252 Resp: 20719

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	14.7	11.6	17.4

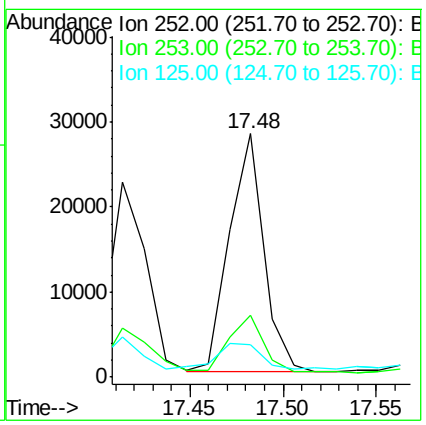


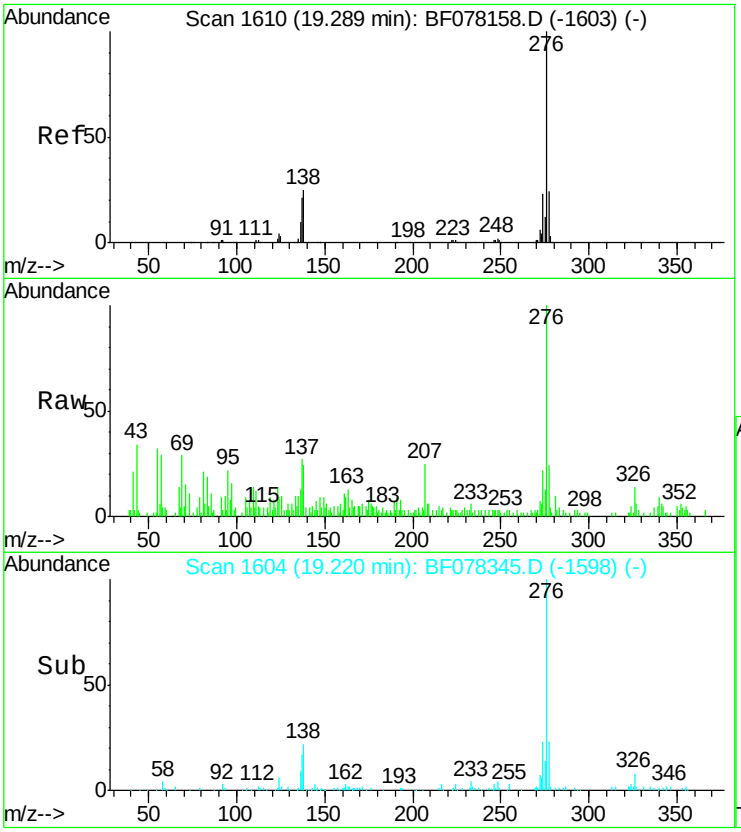


#89
Benzo(a)pyrene
Concen: 3.98 ng
RT: 17.48 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Tgt Ion:252 Resp: 36283

Ion	Ratio	Lower	Upper
252	100		
253	25.4	16.8	25.2#
125	13.5	7.4	11.0#





#91
Benzo(g,h,i)perylene
Concen: 3.30 ng
RT: 19.22 min Scan# 1604
Delta R.T. -0.03 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Instrument :
BNA_F
ClientSampleId :
SB-5S

Tgt Ion:276 Resp: 30206

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	23.6	19.9	29.9