Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078506.D
Acq On : 14 Apr 2015 18:33
Operator : TP/IZ
Sample : G1828-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-SB05B

Quant Time: Apr 15 01:41:47 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 01:10:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	19983	20.00	ng		0.00
21) Naphthalene-d8	8.38	136	84573	20.00	ng		-0.01
38) Acenaphthene-d10	10.54	164	46034	20.00	ng		0.00
63) Phenanthrene-d10	12.37	188	95171	20.00	ng		0.00
75) Chrysene-d12	15.62	240	107976	20.00	ng		-0.03
86) Perylene-d12	17.38	264	105593	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	26923	22.21	ng		0.01
7) Phenol-d6	6.41	99	38100	25.08	ng		0.00
23) Nitrobenzene-d5	7.51	82	21079	15.11	ng		0.00
41) 2,4,6-Tribromophenol	11.52	330	9657	25.29	ng		0.00
44) 2-Fluorobiphenyl	9.72	172	45727	14.20	ng		-0.01
78) Terphenyl-d14	14.35	244	62756	13.13	ng		0.00
Target Compounds							Qvalue
70) Phenanthrene	12.39	178	25217	4.58	ng		99
74) Fluoranthene	13.85	202	73333	12.63	ng		97
77) Pyrene	14.13	202	77070	11.37	ng	#	94
80) Benzo(a)anthracene	15.61	228	55712	8.67	ng		94
82) Chrysene	15.66	228	44160m	7.32	ng		
87) Benzo(b)fluoranthene	16.93	252	83310m	12.77	ng		
88) Benzo(k)fluoranthene	16.96	252	22187m	3.83	ng		
89) Benzo(a)pyrene	17.31	252	64539	11.33	ng	#	83
91) Benzo(g,h,i)perylene	18.98	276	59993m	10.49	ng		

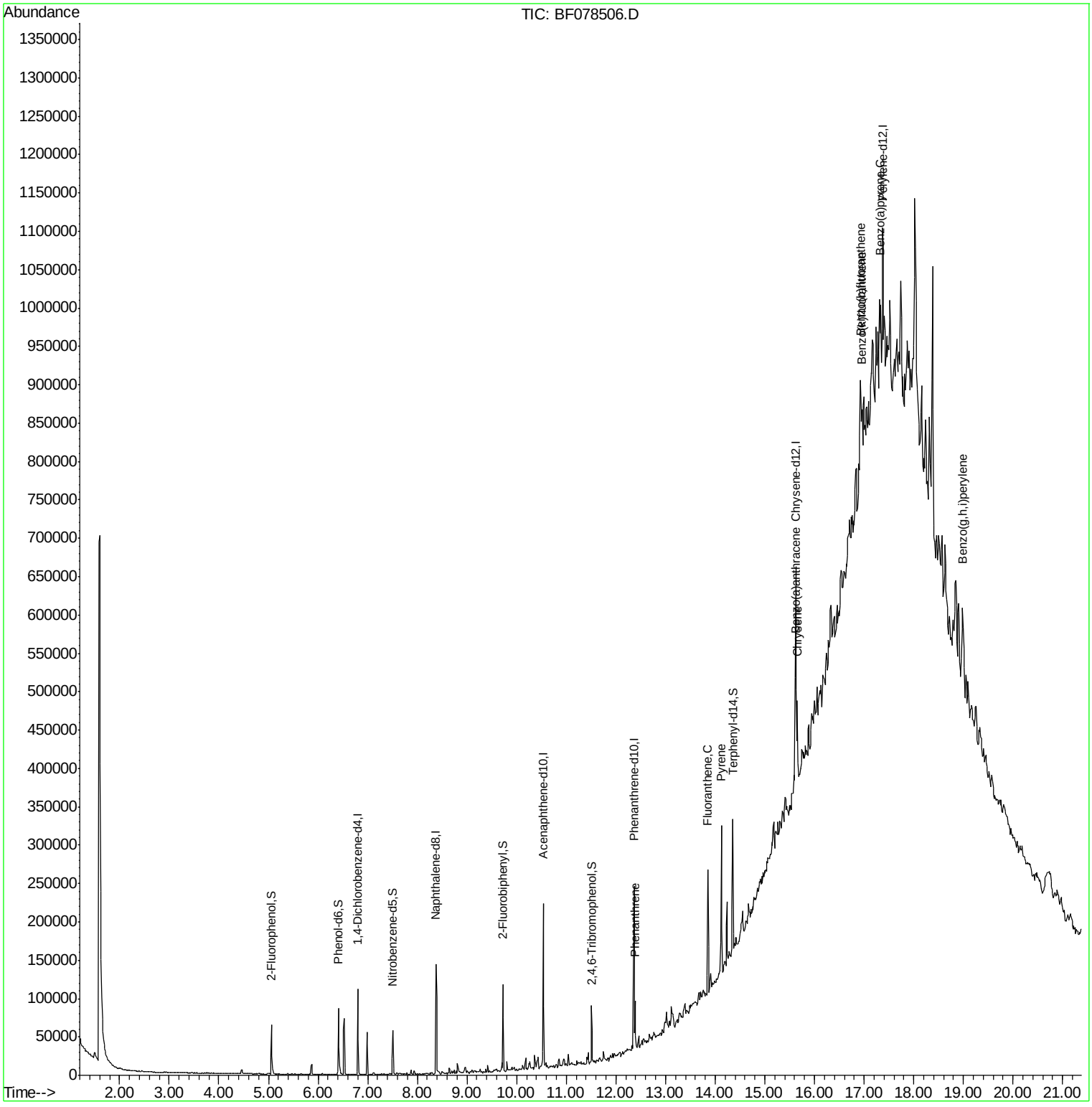
(#) = qualifier out of range (m) = manual integration (+) = signals summed

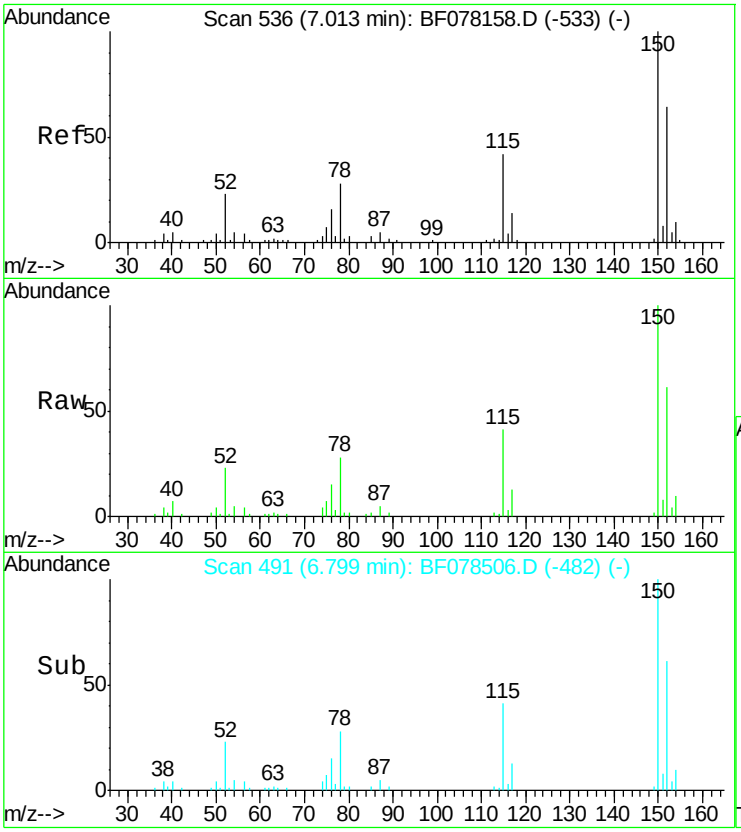
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078506.D
Acq On : 14 Apr 2015 18:33
Operator : TP/IZ
Sample : G1828-02 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB05B

Quant Time: Apr 15 01:41:47 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 01:10:59 2015
Response via : Initial Calibration



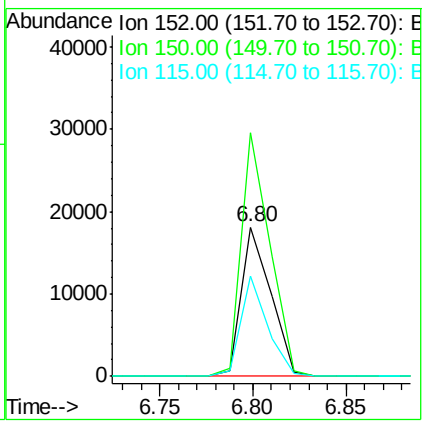


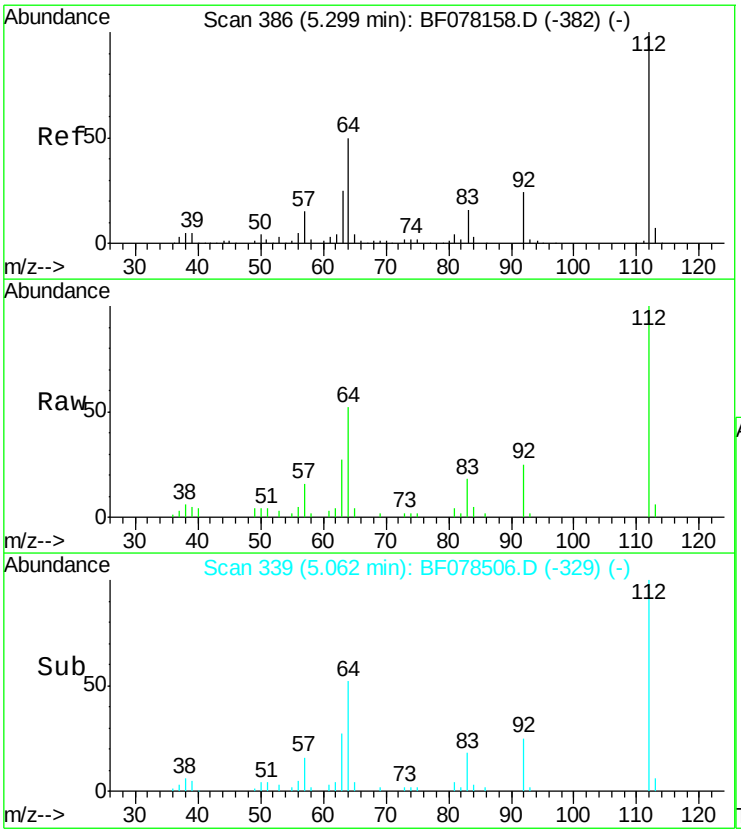
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Instrument :
BNA_F
ClientSampleId :
HS-SB05B

Tgt Ion:152 Resp: 19983

Ion	Ratio	Lower	Upper
152	100		
150	162.9	125.9	188.9
115	67.1	52.7	79.1

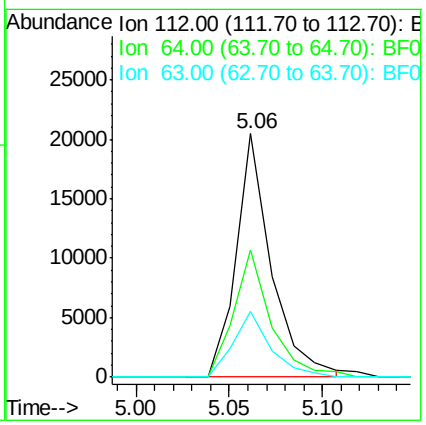


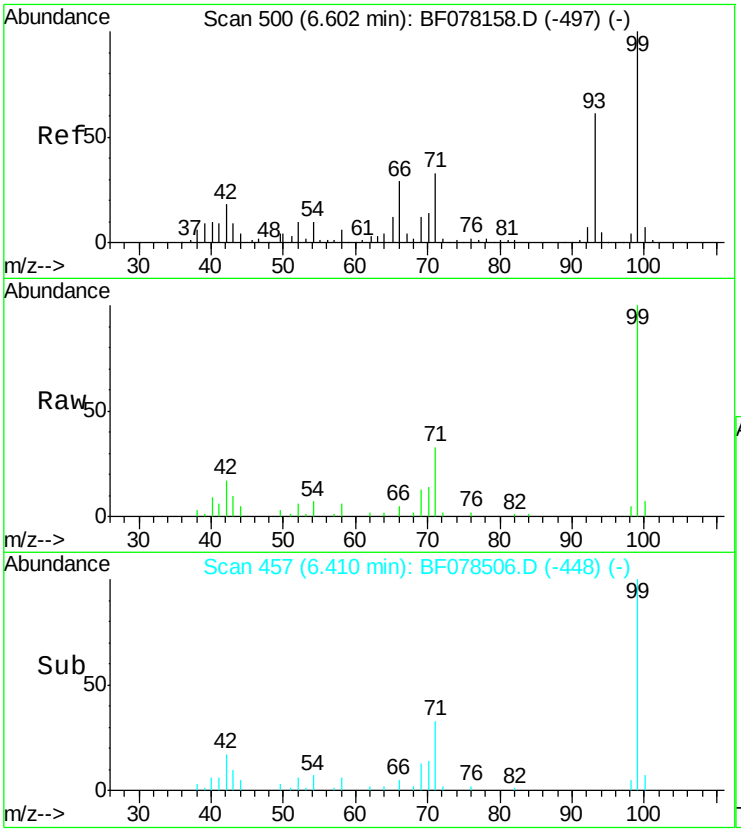


#5
2-Fluorophenol
Concen: 22.21 ng
RT: 5.06 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Tgt Ion:112 Resp: 26923

Ion	Ratio	Lower	Upper
112	100		
64	52.0	39.9	59.9
63	27.2	20.2	30.4



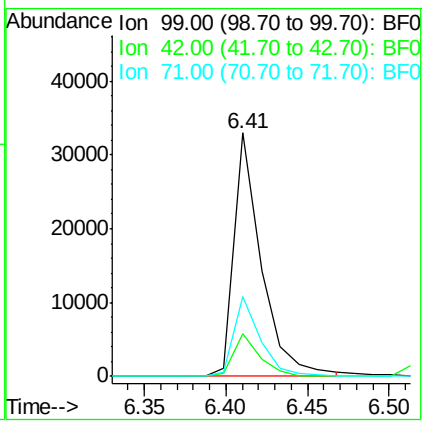


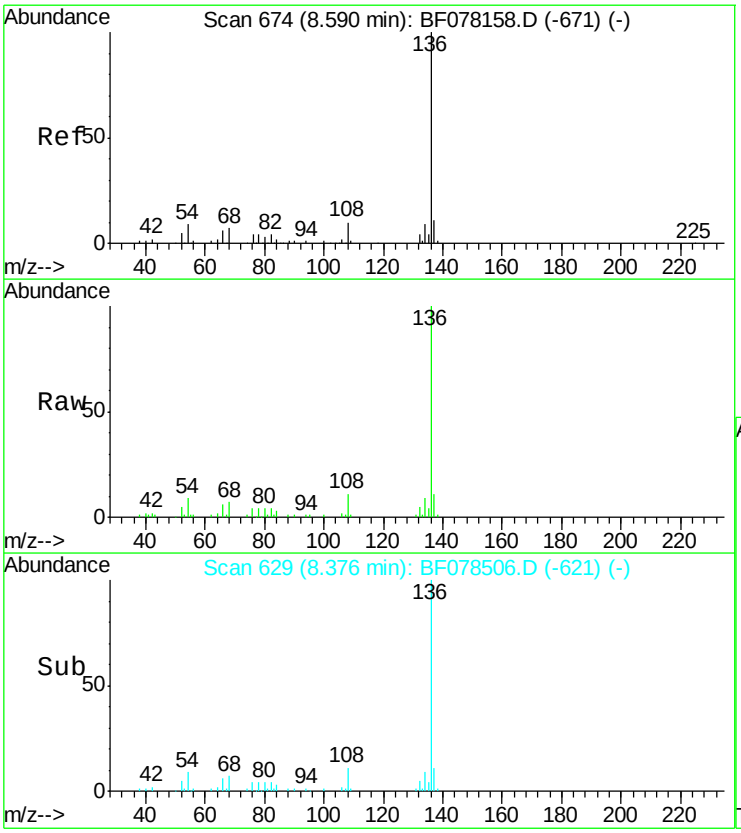
#7
Phenol-d6
Concen: 25.08 ng
RT: 6.41 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Instrument :
BNA_F
ClientSampleId :
HS-SB05B

Tgt Ion: 99 Resp: 38100

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.8	22.2
71	32.8	26.6	39.8

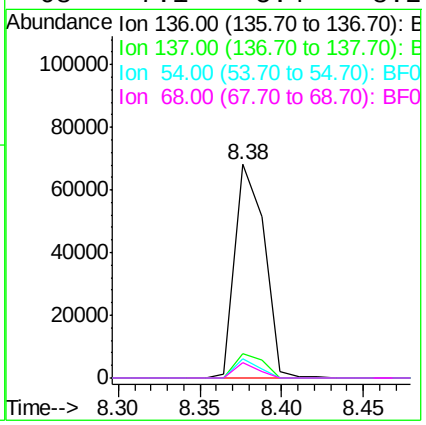


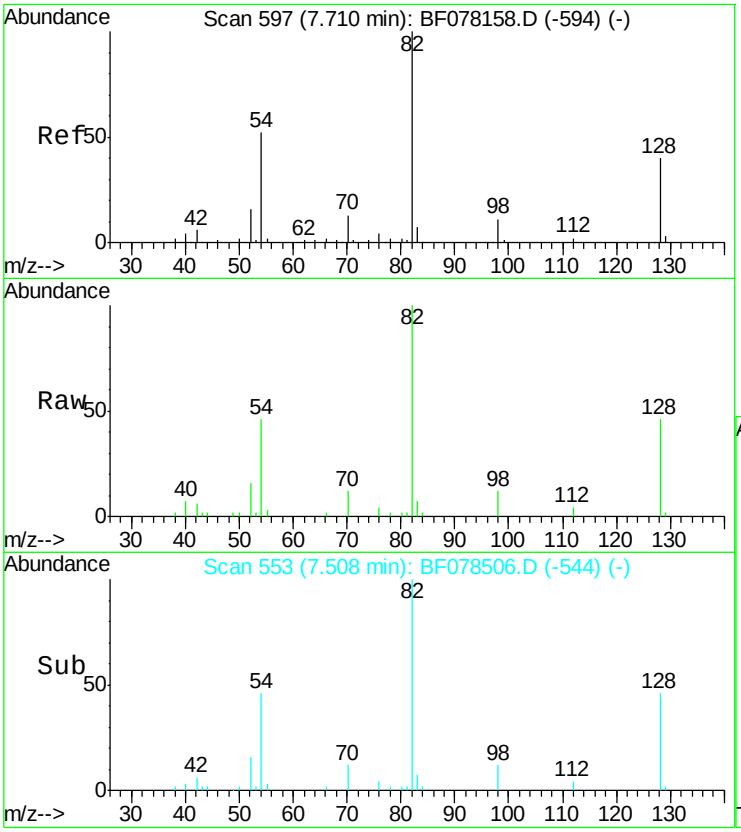


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.38 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Tgt Ion:136 Resp: 84573

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	9.0	7.0	10.6
68	7.1	5.4	8.2



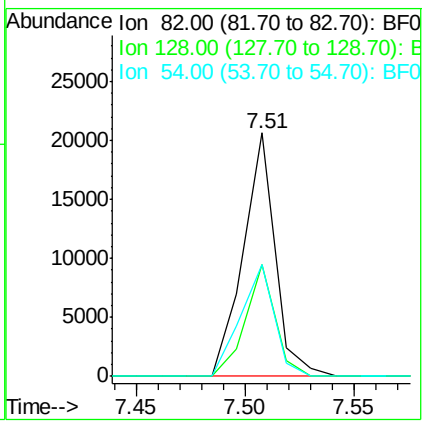


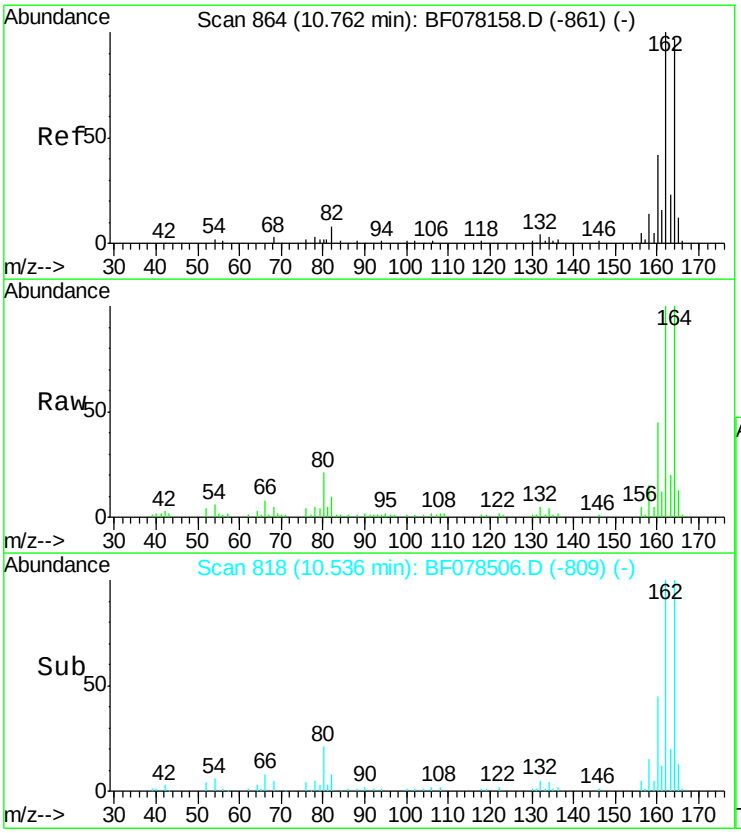
#23
Nitrobenzene-d5
Concen: 15.11 ng
RT: 7.51 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Instrument :
BNA_F
ClientSampleId :
HS-SB05B

Tgt Ion: 82 Resp: 21079

Ion	Ratio	Lower	Upper
82	100		
128	45.7	31.8	47.8
54	45.8	41.5	62.3

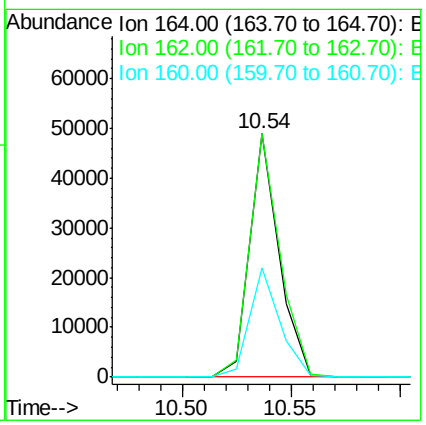


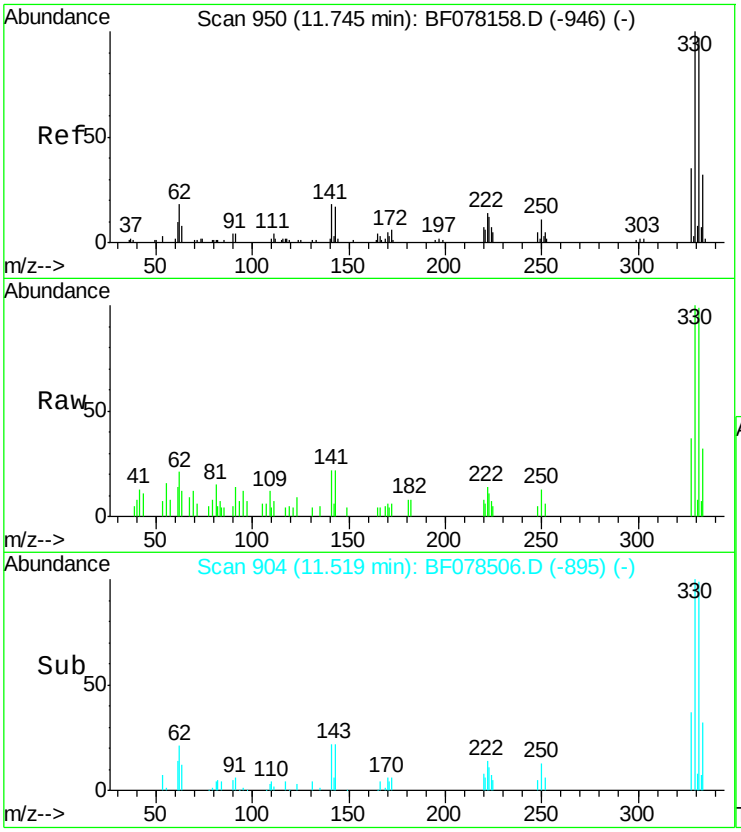


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.54 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Tgt Ion:164 Resp: 46034

Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.2	123.2
160	44.7	34.7	52.1



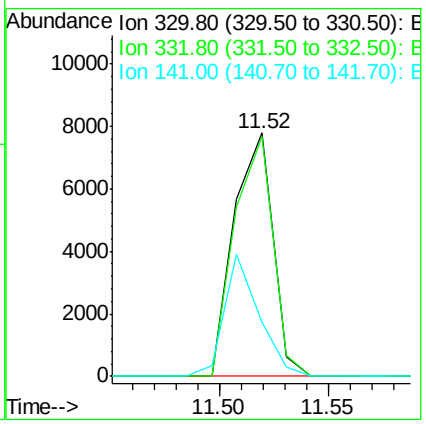


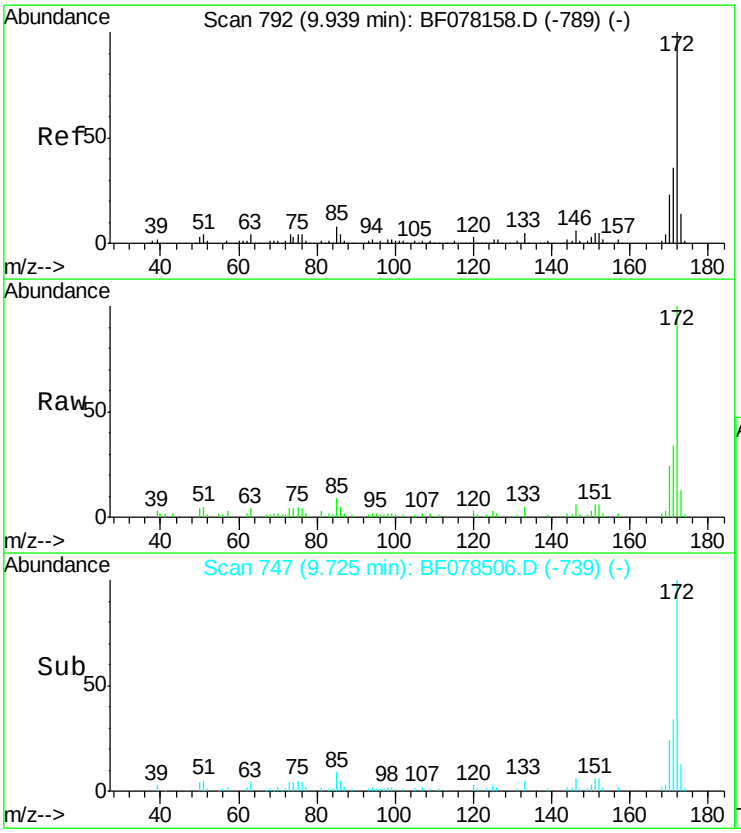
#41
2,4,6-Tribromophenol
Concen: 25.29 ng
RT: 11.52 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Instrument :
BNA_F
ClientSampleId :
HS-SB05B

Tgt Ion:330 Resp: 9657

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.6	117.8
141	44.6	31.2	46.8

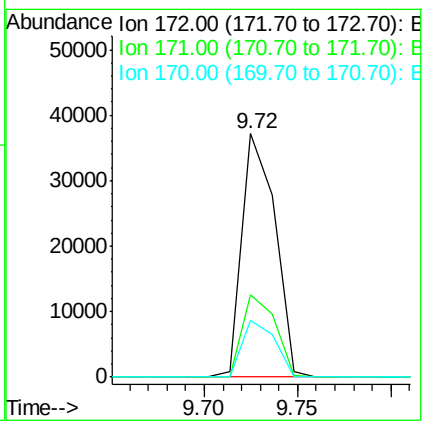


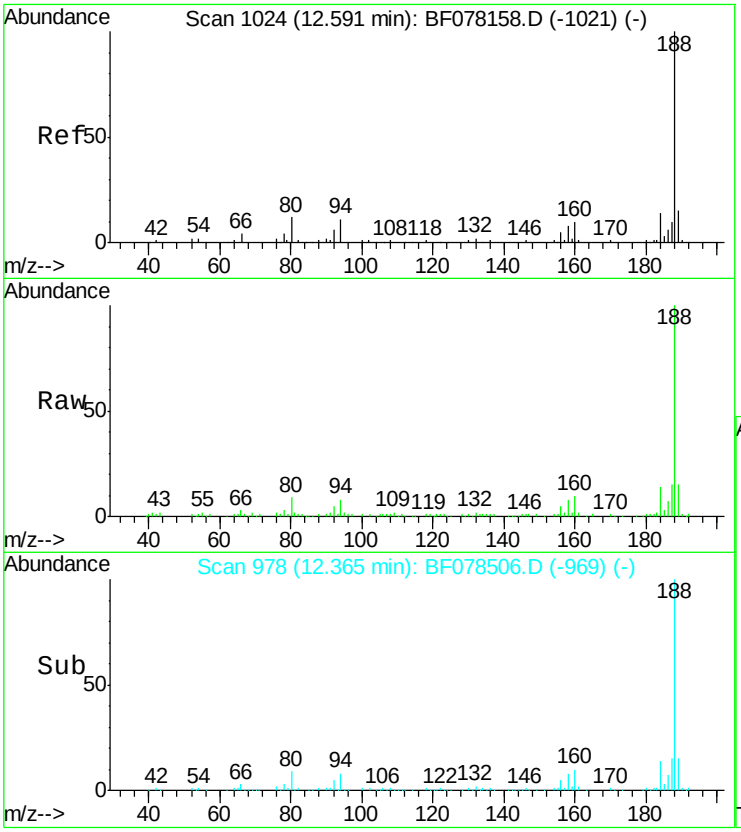


#44
2-Fluorobiphenyl
Concen: 14.20 ng
RT: 9.72 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Tgt Ion:172 Resp: 45727

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.6	42.8
170	23.6	18.5	27.7



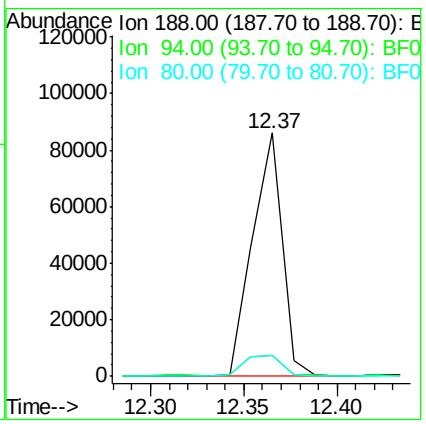


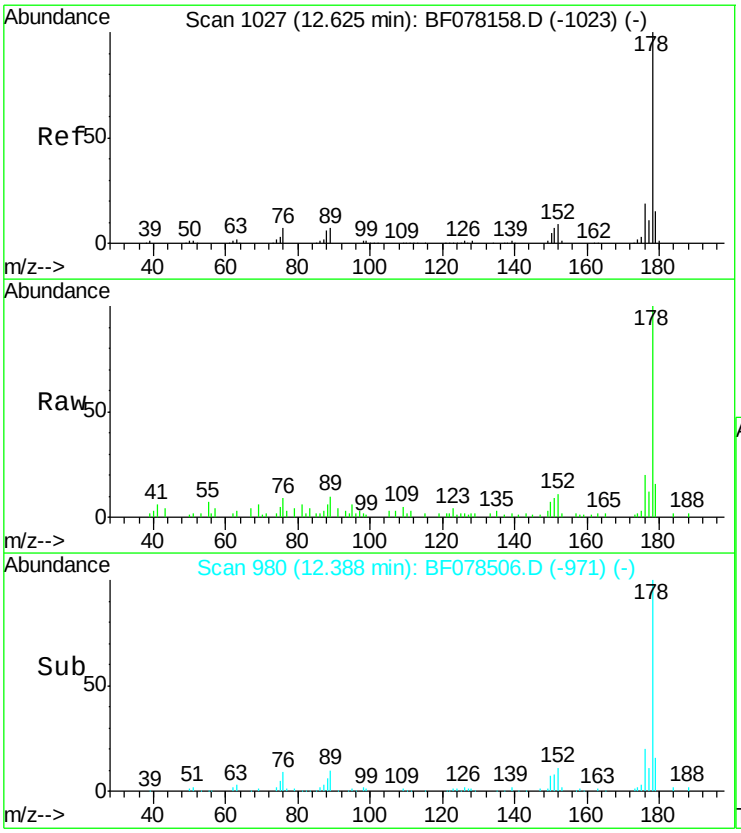
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Instrument :
BNA_F
ClientSampleId :
HS-SB05B

Tgt Ion:188 Resp: 95171

Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.0	13.4#
80	8.8	9.5	14.3#

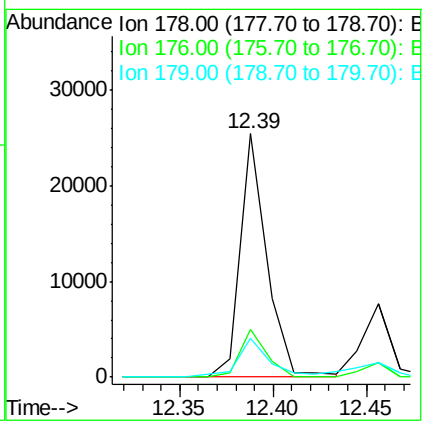


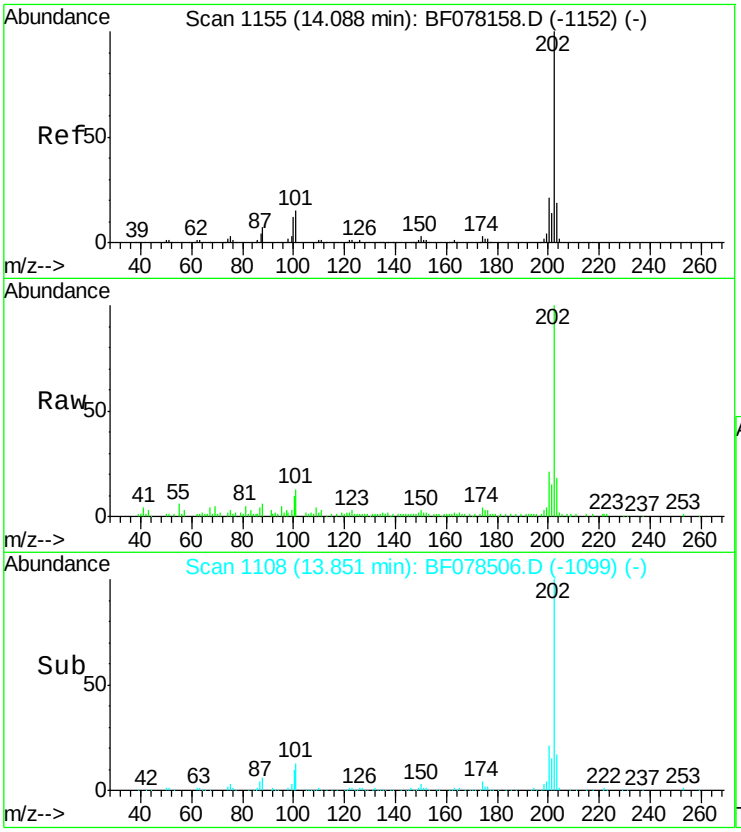


#70
Phenanthrene
Concen: 4.58 ng
RT: 12.39 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Tgt Ion:178 Resp: 25217

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	15.8	12.2	18.2



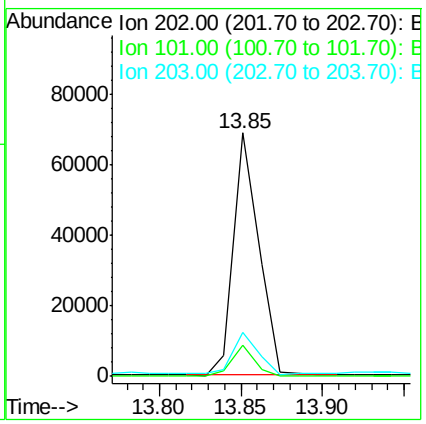


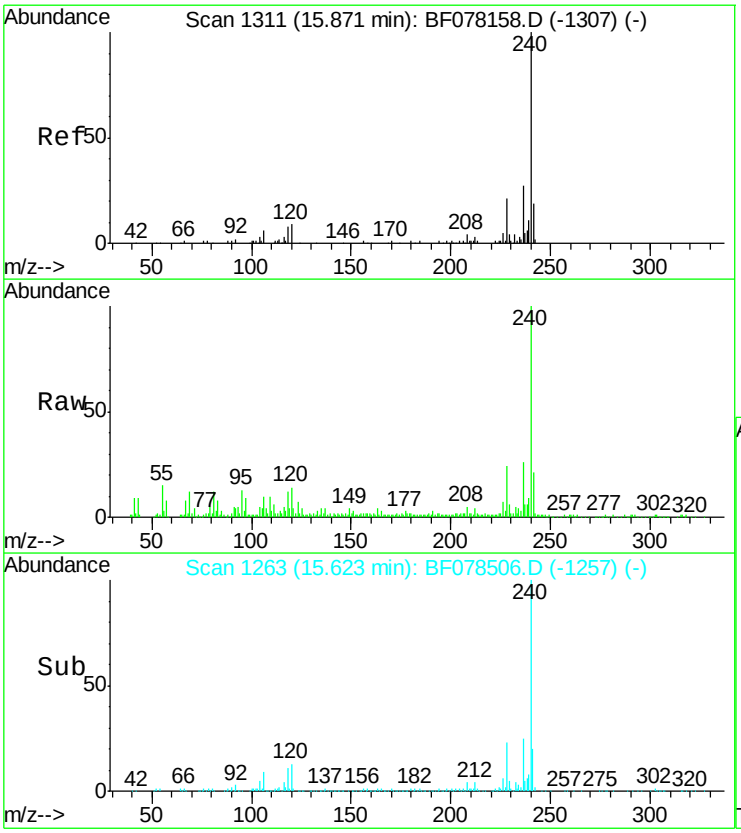
#74
Fluoranthene
Concen: 12.63 ng
RT: 13.85 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Instrument :
BNA_F
ClientSampleId :
HS-SB05B

Tgt Ion:202 Resp: 73333

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	35.2
203	18.1	0.0	38.5

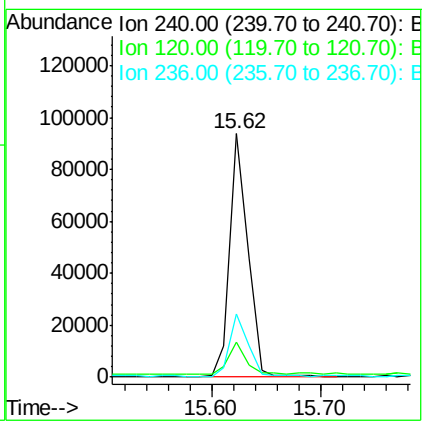


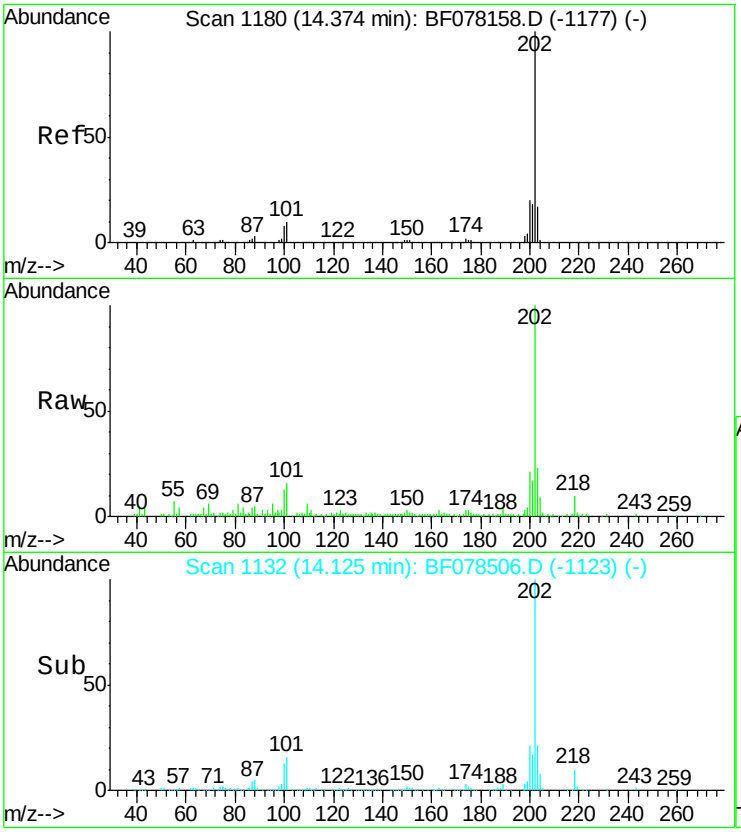


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.03 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Tgt Ion:240 Resp: 107976

Ion	Ratio	Lower	Upper
240	100		
120	14.4	7.1	10.7#
236	25.8	21.4	32.2



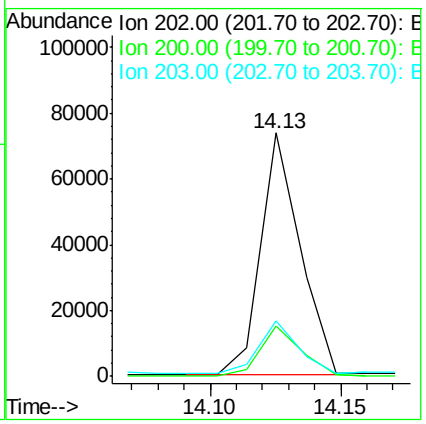


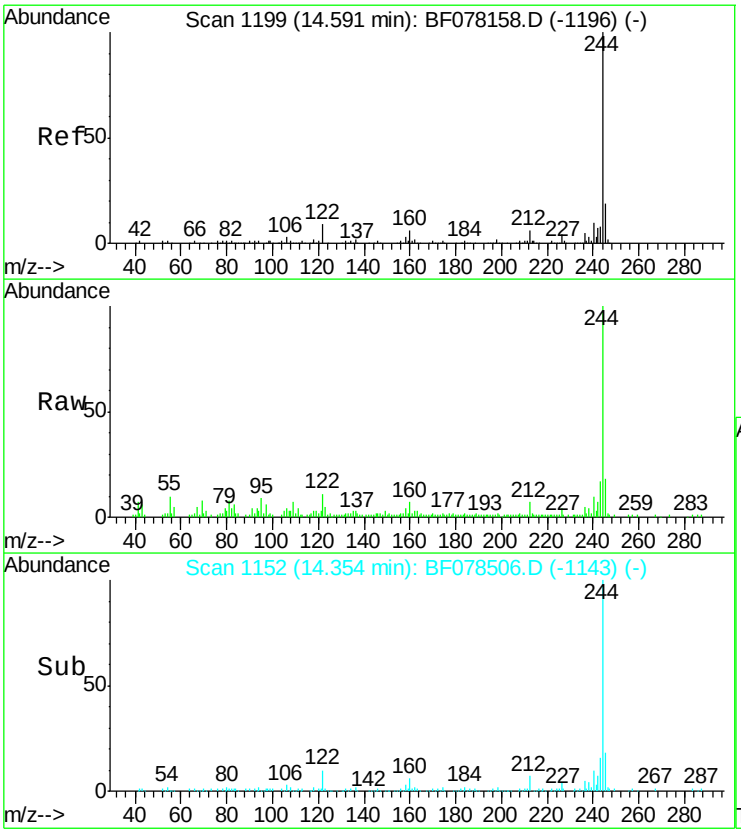
#77
Pyrene
Concen: 11.37 ng
RT: 14.13 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Instrument :
BNA_F
ClientSampleId :
HS-SB05B

Tgt Ion:202 Resp: 77070

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	22.6	13.8	20.6#

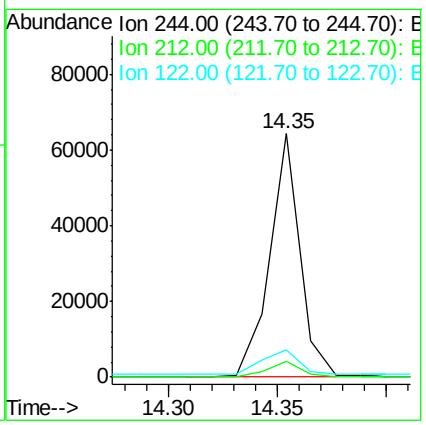


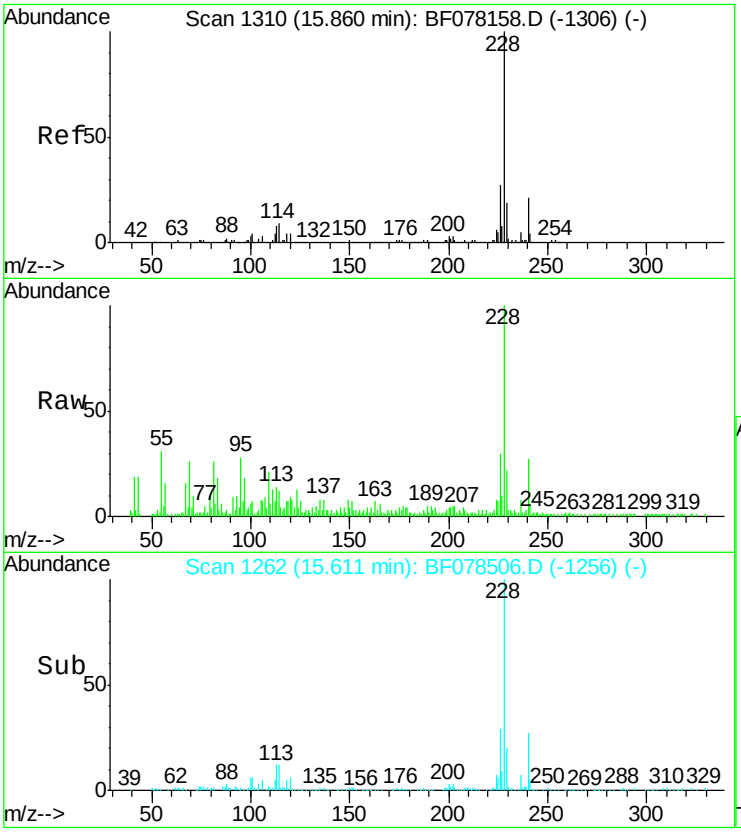


#78
Terphenyl-d14
Concen: 13.13 ng
RT: 14.35 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Tgt Ion:244 Resp: 62756

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.0	7.4
122	11.4	7.1	10.7#



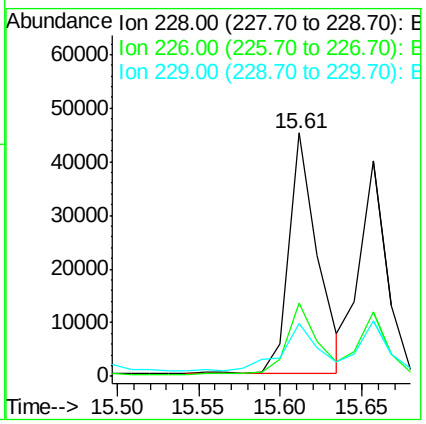


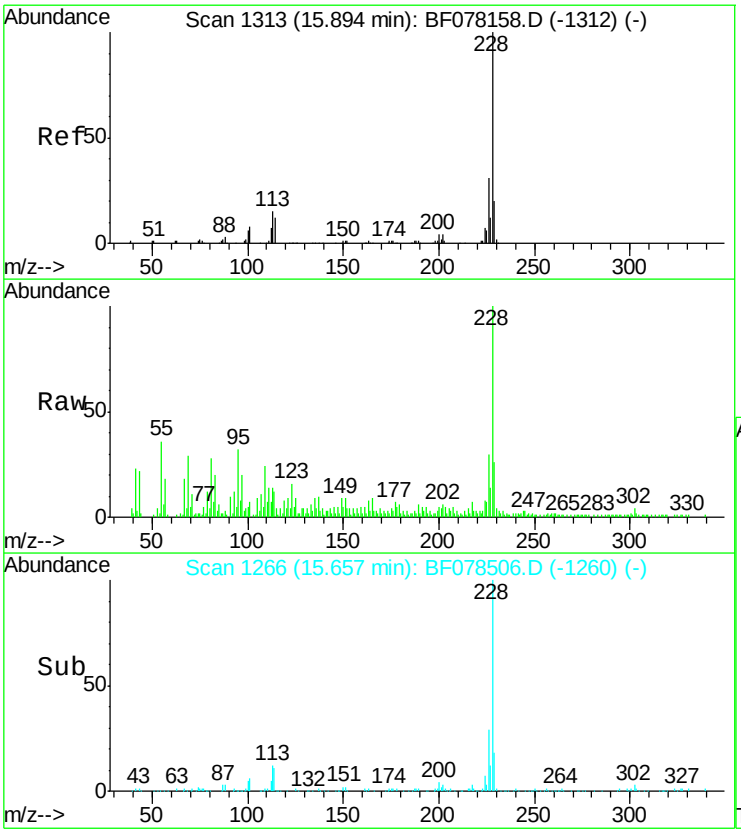
#80
Benzo(a)anthracene
Concen: 8.67 ng
RT: 15.61 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Instrument :
BNA_F
ClientSampleId :
HS-SB05B

Tgt Ion:228 Resp: 55712

Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.3	31.9
229	21.9	15.4	23.2

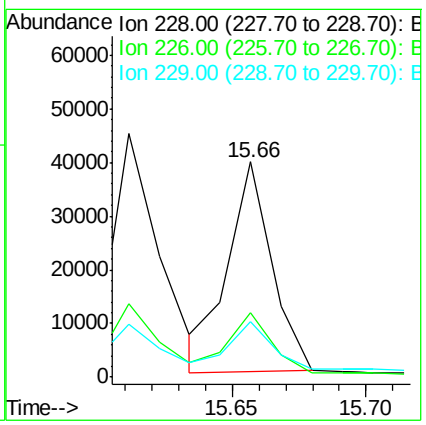


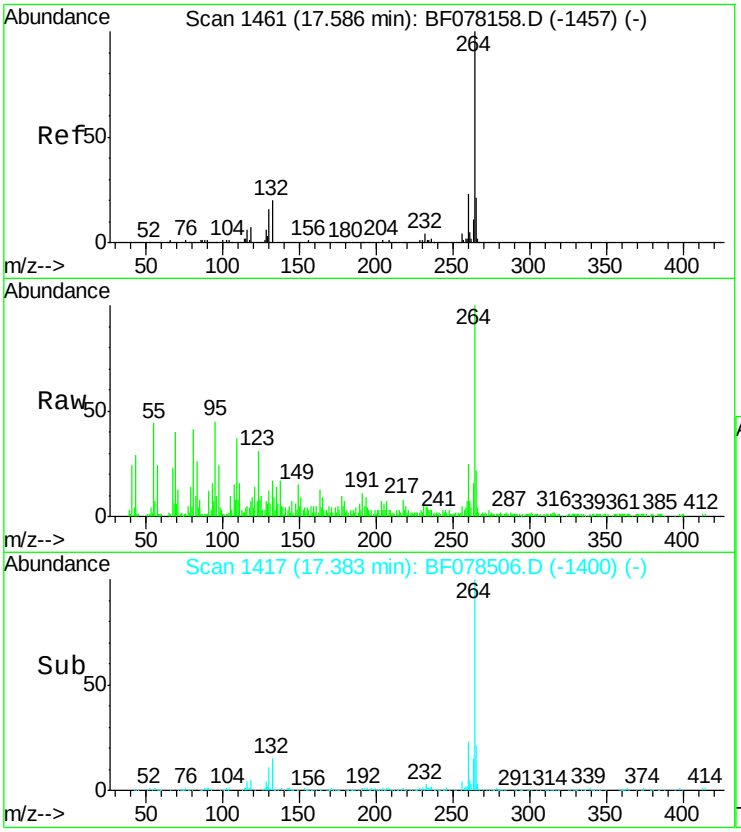


#82
Chrysene
Concen: 7.32 ng m
RT: 15.66 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Tgt Ion:228 Resp: 44160

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	25.6	15.8	23.8#



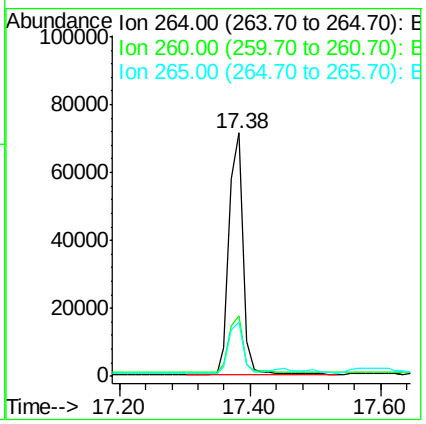


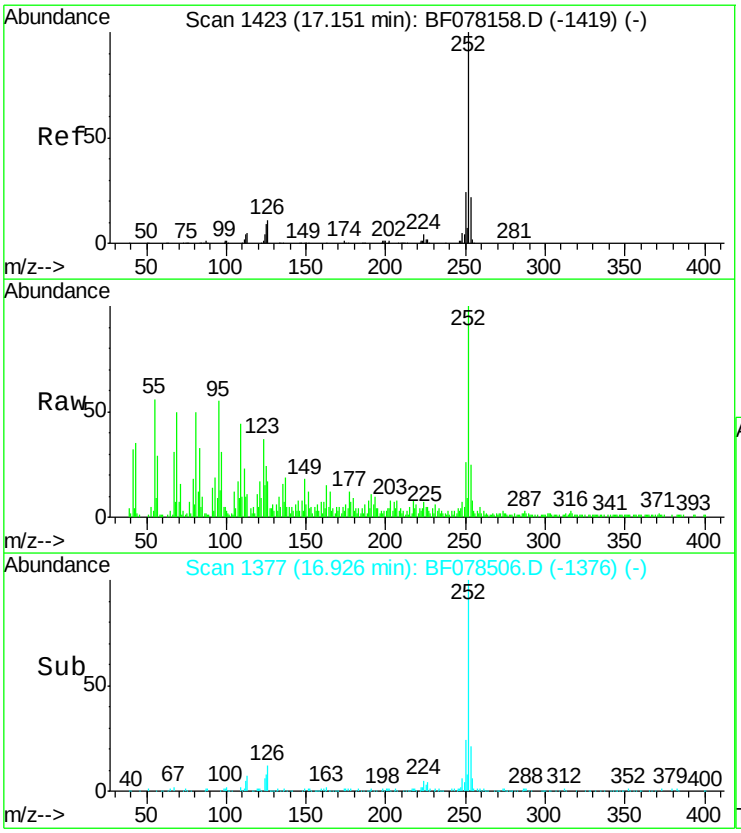
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.38 min Scan# 1417
Delta R.T. -0.10 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Instrument :
BNA_F
ClientSampleId :
HS-SB05B

Tgt Ion:264 Resp: 105593

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.6	27.8
265	22.5	17.0	25.6

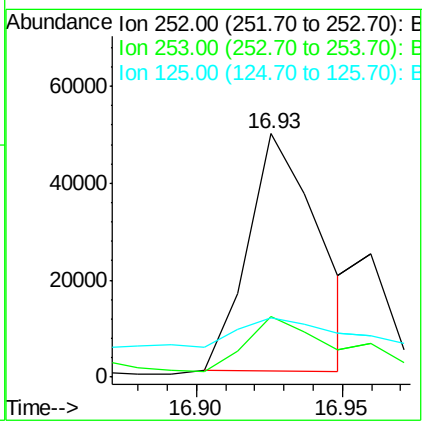


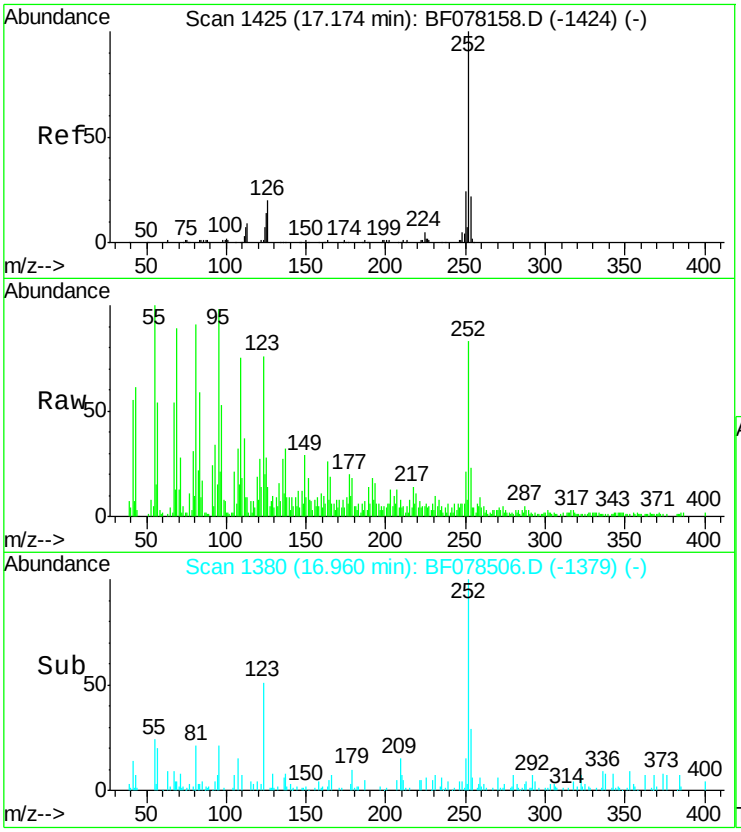


#87
Benzo(b)fluoranthene
Concen: 12.77 ng m
RT: 16.93 min Scan# 1377
Delta R.T. -0.09 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Tgt Ion:252 Resp: 83310

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	24.5	7.0	10.4#



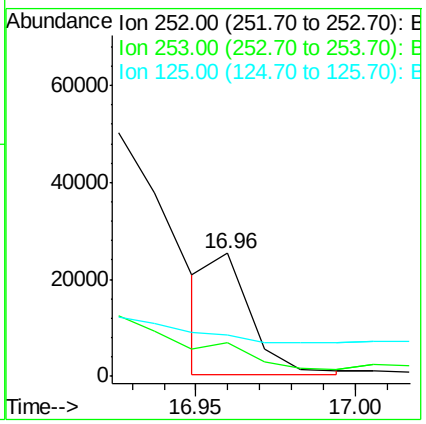


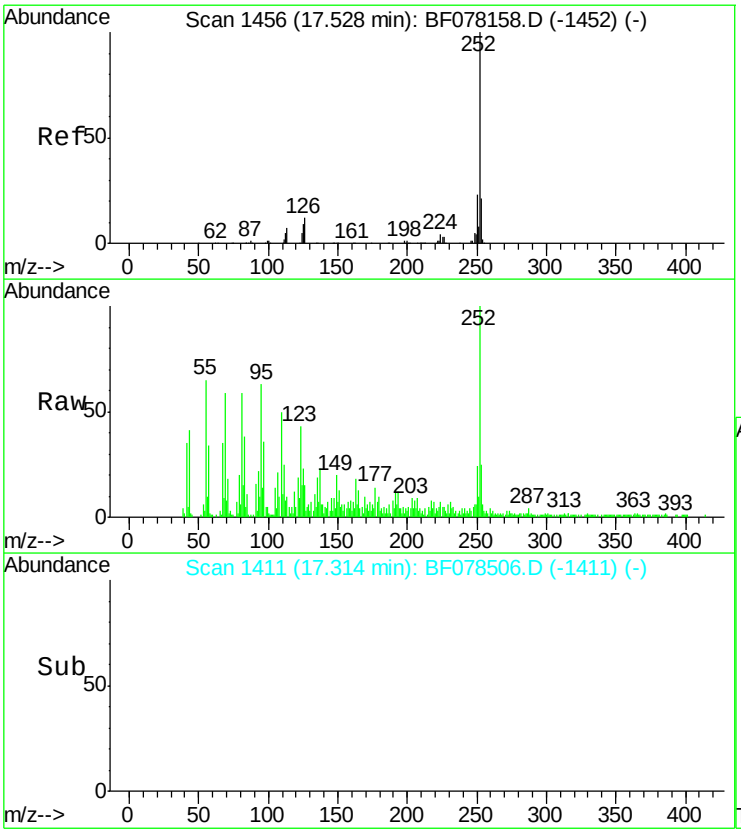
#88
Benzo(k)fluoranthene
Concen: 3.83 ng m
RT: 16.96 min Scan# 1380
Delta R.T. -0.09 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Instrument :
BNA_F
ClientSampleId :
HS-SB05B

Tgt Ion:252 Resp: 22187

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.5	26.3#
125	33.5	11.6	17.4#

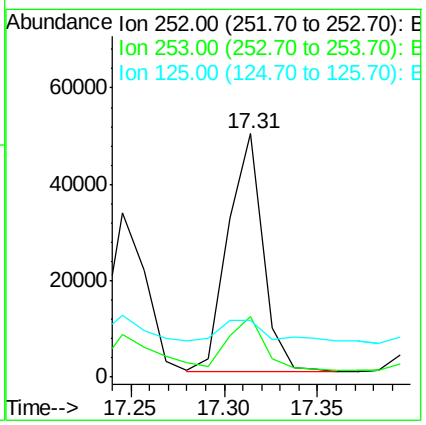


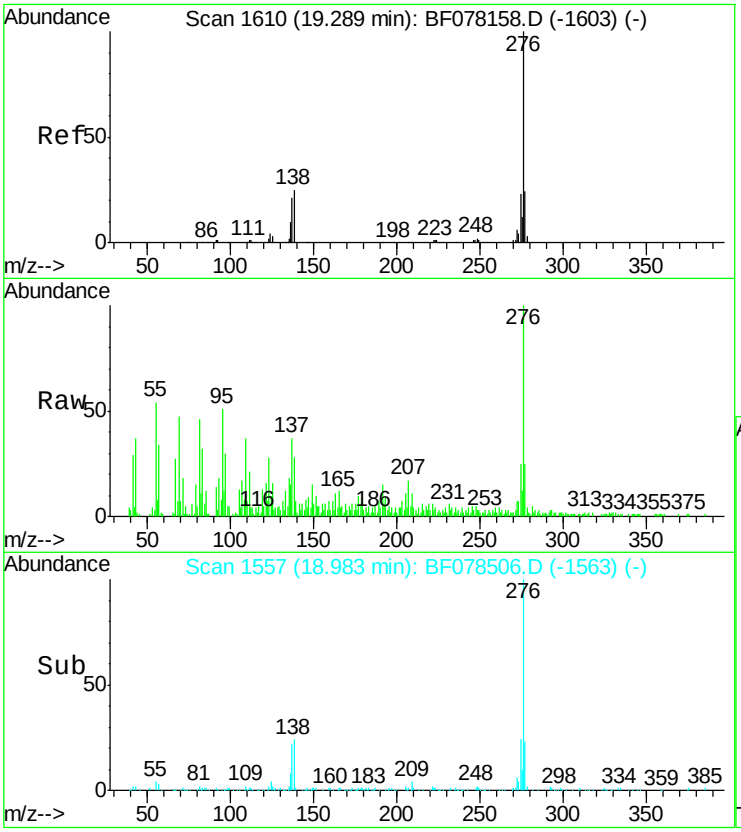


#89
Benzo(a)pyrene
Concen: 11.33 ng
RT: 17.31 min Scan# 1411
Delta R.T. -0.10 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Tgt Ion:252 Resp: 64539

Ion	Ratio	Lower	Upper
252	100		
253	24.8	16.8	25.2
125	23.1	7.4	11.0#





#91
Benzo(g,h,i)perylene
Concen: 10.49 ng m
RT: 18.98 min Scan# 1557
Delta R.T. -0.17 min
Lab File: BF078506.D
Acq: 14 Apr 2015 18:33

Instrument :
BNA_F
ClientSampleId :
HS-SB05B

Tgt Ion:276 Resp: 59993

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.4
138	28.1	19.9	29.9