Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078507.D
Acq On : 14 Apr 2015 19:02
Operator : TP/IZ
Sample : G1828-03 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-SB06A

Quant Time: Apr 15 01:23:40 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	20008	20.00	ng		0.00
21) Naphthalene-d8	8.39	136	84701	20.00	ng		0.00
38) Acenaphthene-d10	10.54	164	46029	20.00	ng		0.00
63) Phenanthrene-d10	12.37	188	96873	20.00	ng		0.00
75) Chrysene-d12	15.62	240	113241	20.00	ng		-0.03
86) Perylene-d12	17.35	264	119041	20.00	ng		-0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	22206	18.30	ng		0.01
7) Phenol-d6	6.41	99	31453	20.68	ng		0.00
23) Nitrobenzene-d5	7.51	82	17395	12.45	ng		0.00
41) 2,4,6-Tribromophenol	11.52	330	8770	22.97	ng		0.00
44) 2-Fluorobiphenyl	9.72	172	39079	12.14	ng		-0.01
78) Terphenyl-d14	14.35	244	52667	10.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.60	88	36179	65.93	ng	#	25
48) Acenaphthylene	10.36	152	11788	2.46	ng		98
55) 4-Nitrophenol	10.80	139	1462	5.13	ng	#	18
70) Phenanthrene	12.39	178	53668	9.58	ng		99
71) Anthracene	12.46	178	38050	6.89	ng		98
74) Fluoranthene	13.85	202	192725	32.61	ng		97
77) Pyrene	14.13	202	173579	24.42	ng	#	96
80) Benzo(a)anthracene	15.61	228	137435	20.40	ng		97
82) Chrysene	15.66	228	114066	18.02	ng		99
87) Benzo(b)fluoranthene	16.90	252	176619	24.01	ng	#	95
88) Benzo(k)fluoranthene	16.90	252	213358	32.63	ng		98
89) Benzo(a)pyrene	17.28	252	91218	14.21	ng	#	94

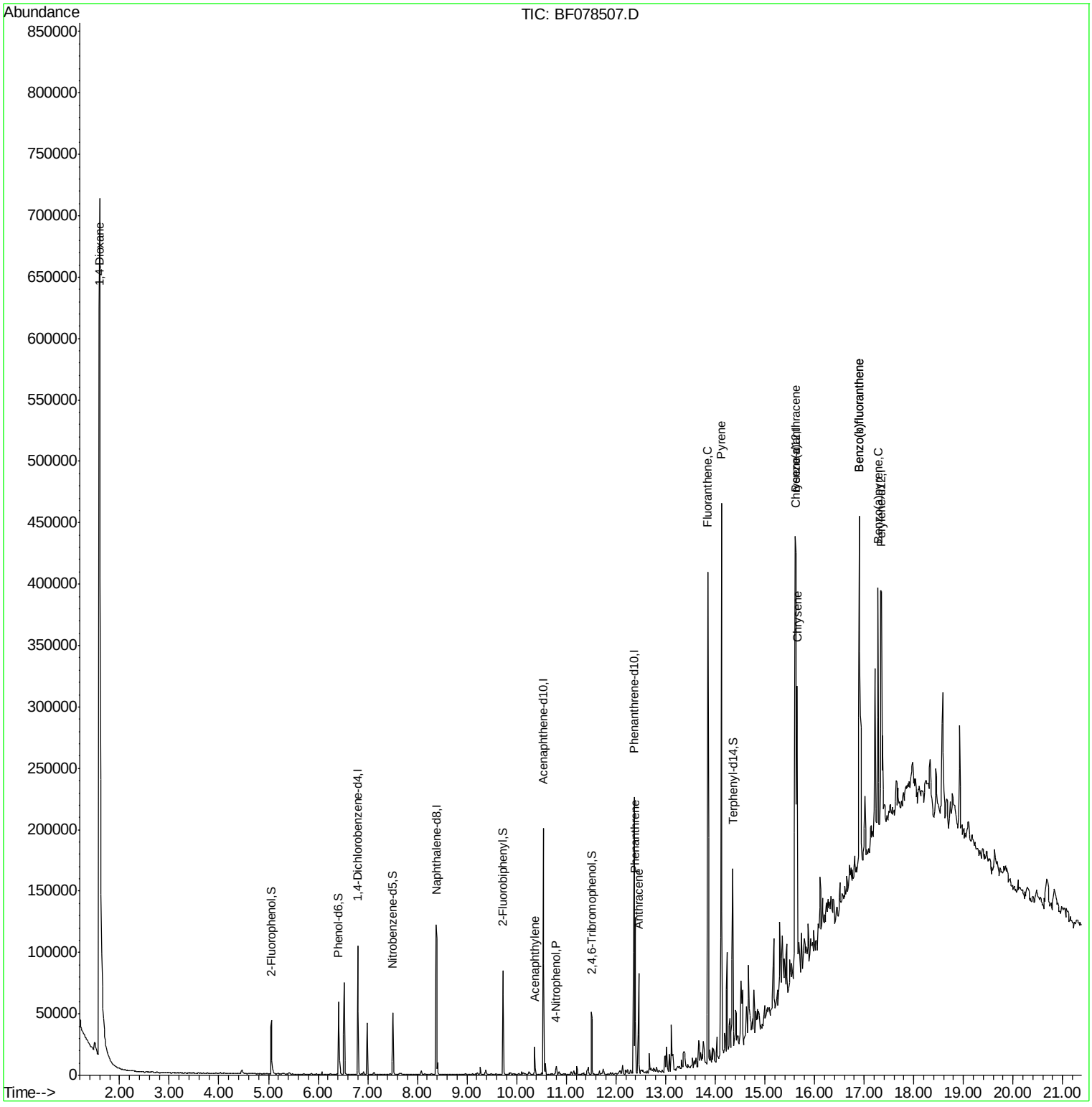
(#) = qualifier out of range (m) = manual integration (+) = signals summed

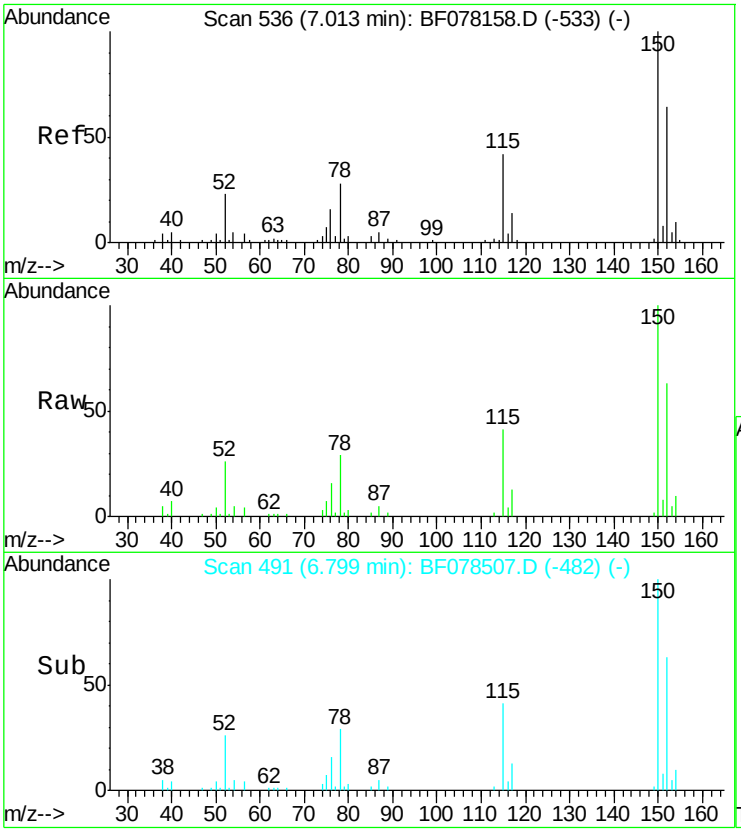
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078507.D
Acq On : 14 Apr 2015 19:02
Operator : TP/IZ
Sample : G1828-03 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB06A

Quant Time: Apr 15 01:23:40 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



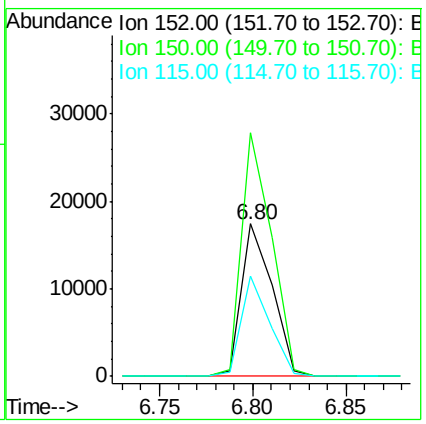


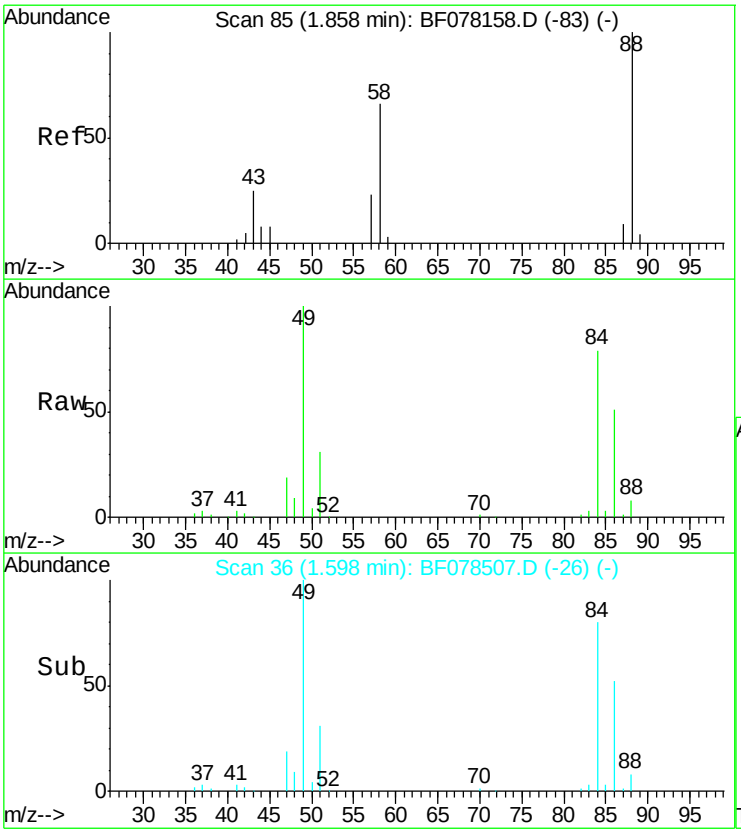
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Instrument :
BNA_F
ClientSampleId :
HS-SB06A

Tgt Ion:152 Resp: 20008

Ion	Ratio	Lower	Upper
152	100		
150	159.7	125.9	188.9
115	65.6	52.7	79.1

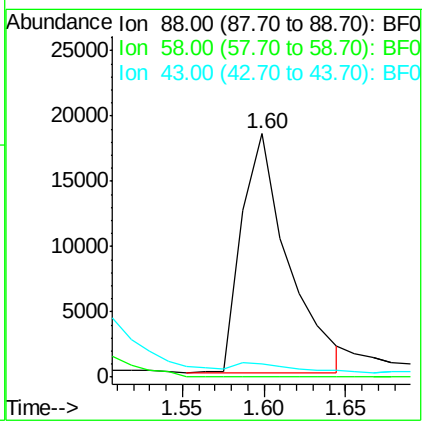


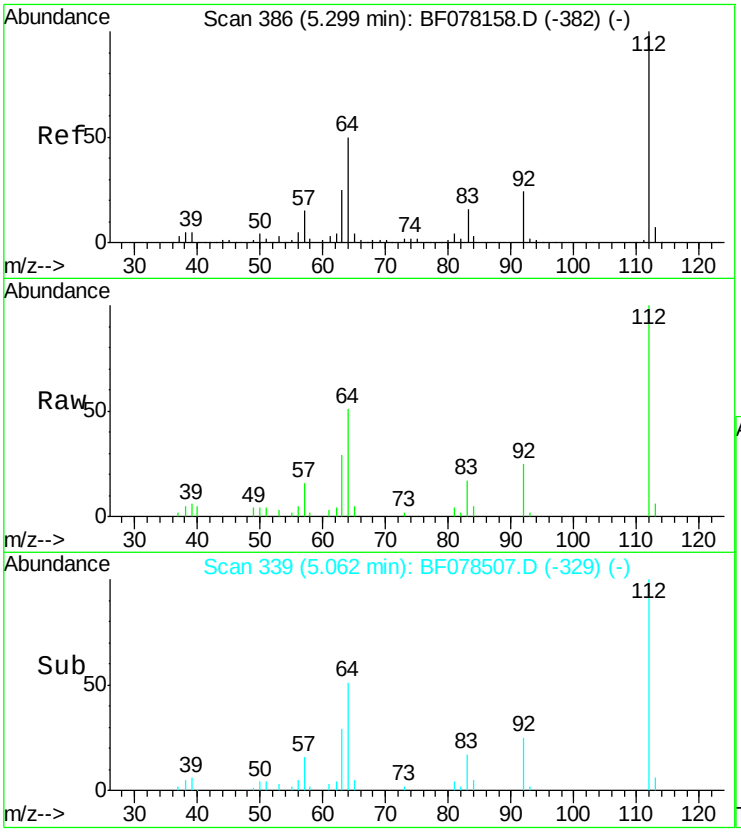


#2
1,4-Dioxane
Concen: 65.93 ng
RT: 1.60 min Scan# 36
Delta R.T. 0.01 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Tgt Ion: 88 Resp: 36179

Ion	Ratio	Lower	Upper
88	100		
58	0.0	56.9	85.3#
43	2.8	21.4	32.2#



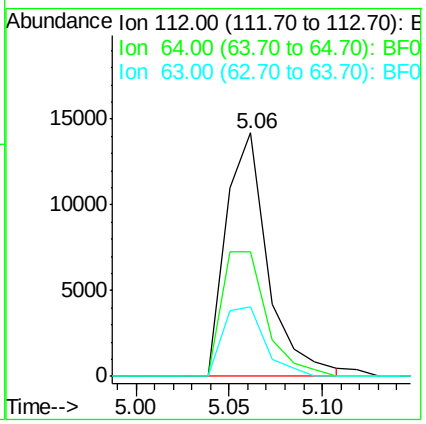


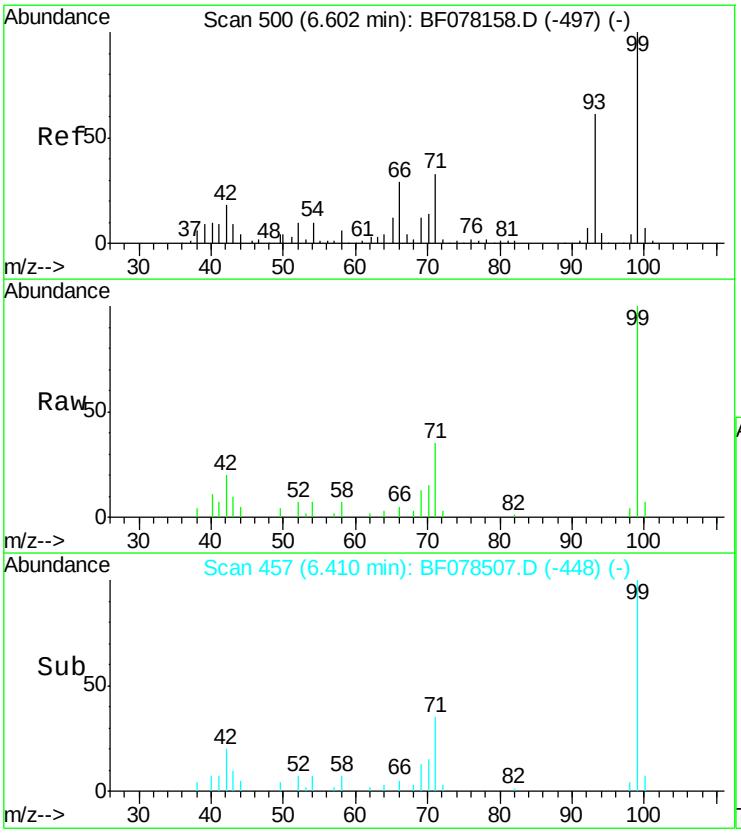
#5
2-Fluorophenol
Concen: 18.30 ng
RT: 5.06 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Instrument :
BNA_F
ClientSampleId :
HS-SB06A

Tgt Ion:112 Resp: 22206

Ion	Ratio	Lower	Upper
112	100		
64	51.4	39.9	59.9
63	28.6	20.2	30.4

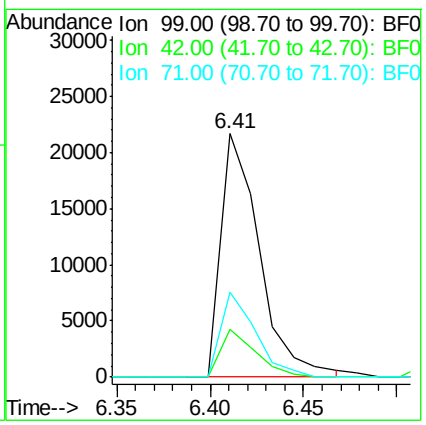


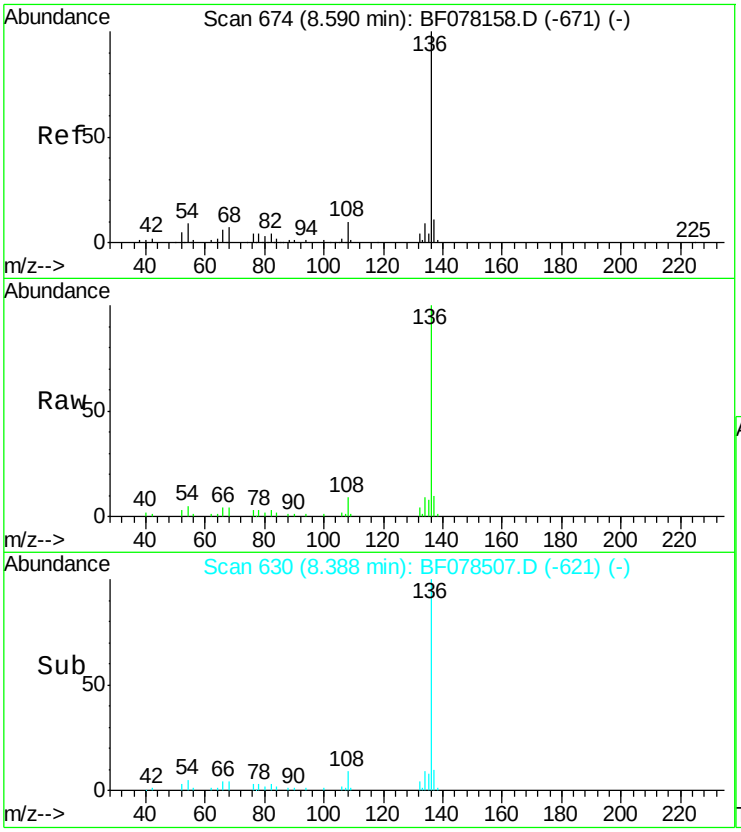


#7
Phenol-d6
Concen: 20.68 ng
RT: 6.41 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Tgt Ion: 99 Resp: 31453

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.8	22.2
71	34.9	26.6	39.8



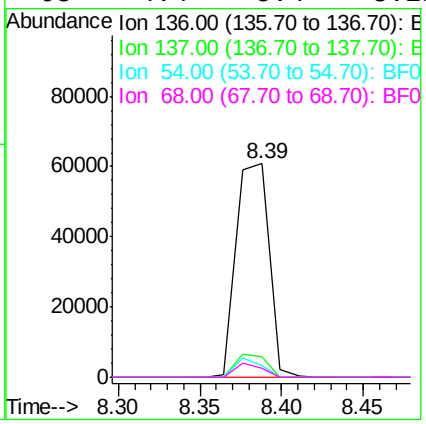


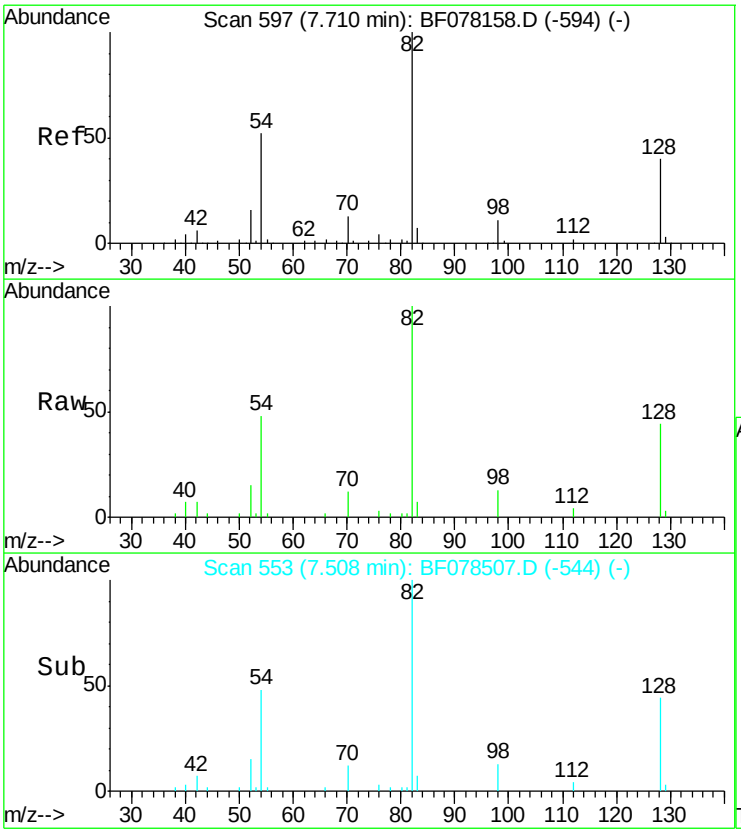
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.39 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Instrument :
BNA_F
ClientSampleId :
HS-SB06A

Tgt Ion:136 Resp: 84701

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.0	13.4
54	5.4	7.0	10.6#
68	4.4	5.4	8.2#

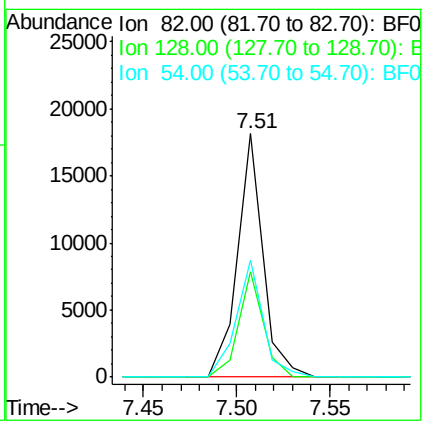


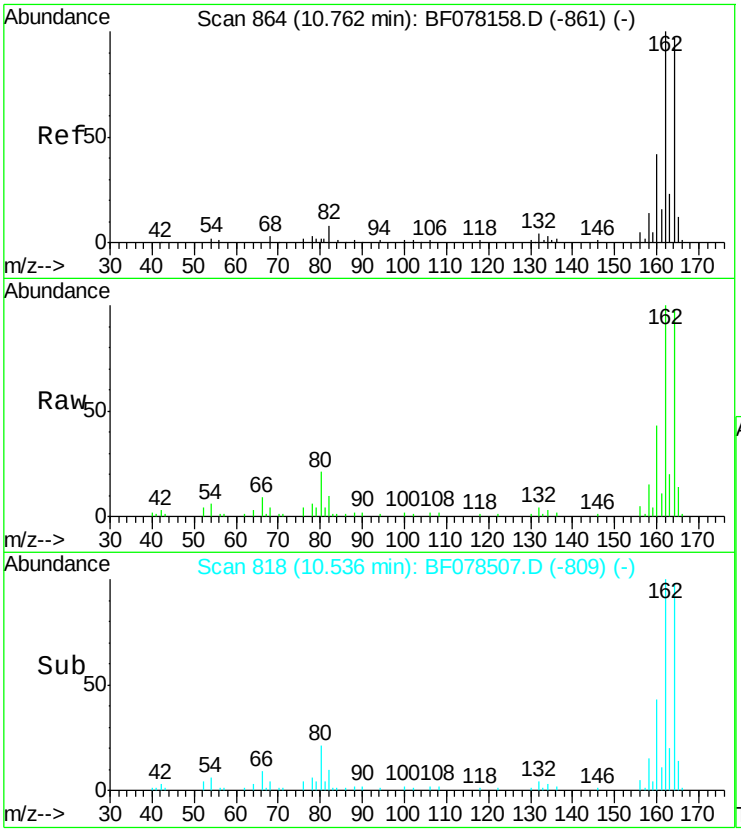


#23
Nitrobenzene-d5
Concen: 12.45 ng
RT: 7.51 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Tgt Ion: 82 Resp: 17395

Ion	Ratio	Lower	Upper
82	100		
128	43.5	31.8	47.8
54	47.9	41.5	62.3



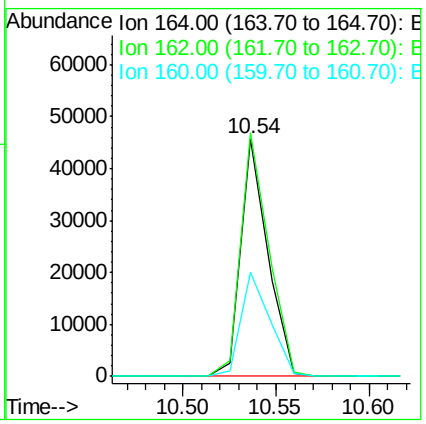


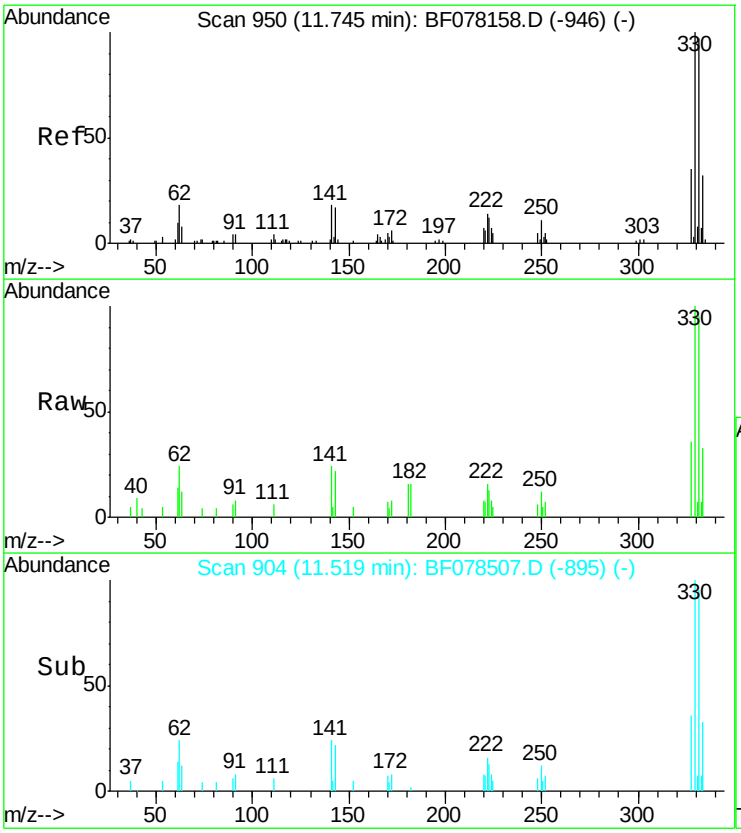
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.54 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Instrument :
BNA_F
ClientSampleId :
HS-SB06A

Tgt Ion:164 Resp: 46029

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.2	123.2
160	43.9	34.7	52.1

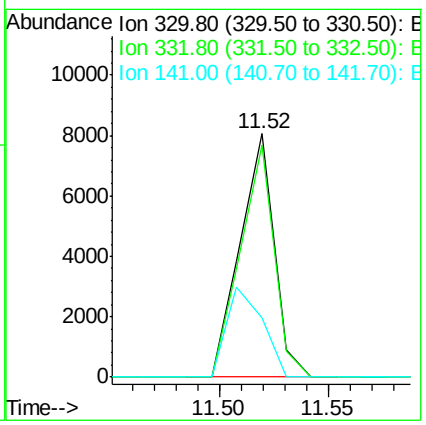


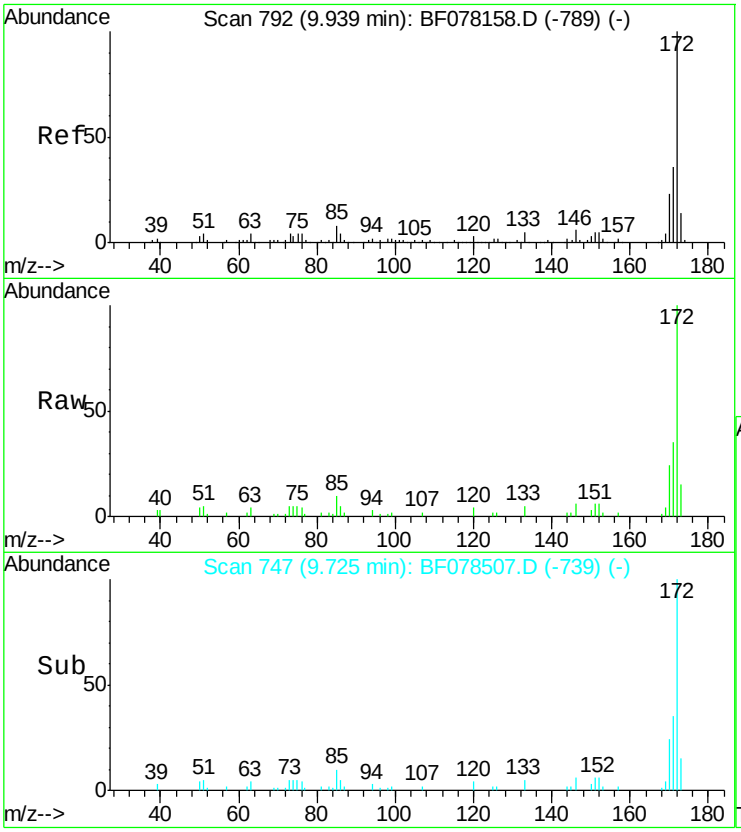


#41
2,4,6-Tribromophenol
Concen: 22.97 ng
RT: 11.52 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Tgt Ion:330 Resp: 8770

Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.6	117.8
141	38.7	31.2	46.8



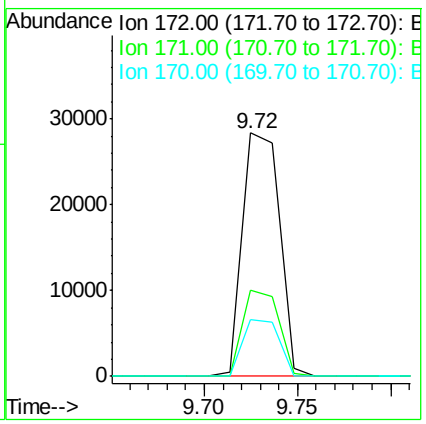


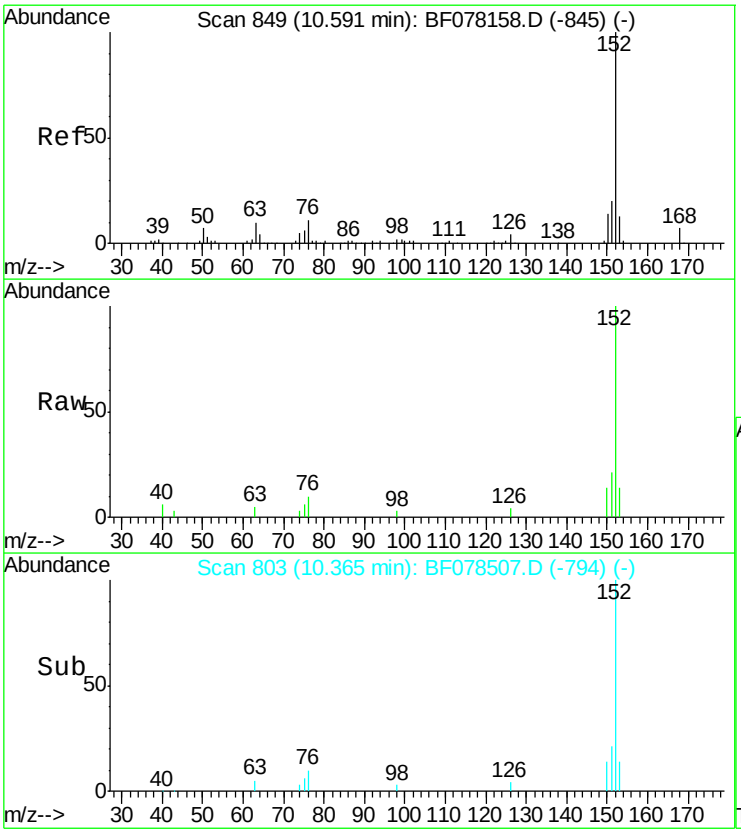
#44
2-Fluorobiphenyl
Concen: 12.14 ng
RT: 9.72 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Instrument :
BNA_F
ClientSampleId :
HS-SB06A

Tgt Ion:172 Resp: 39079

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.5	18.5	27.7

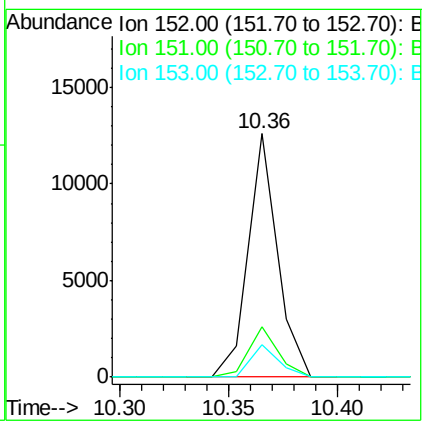


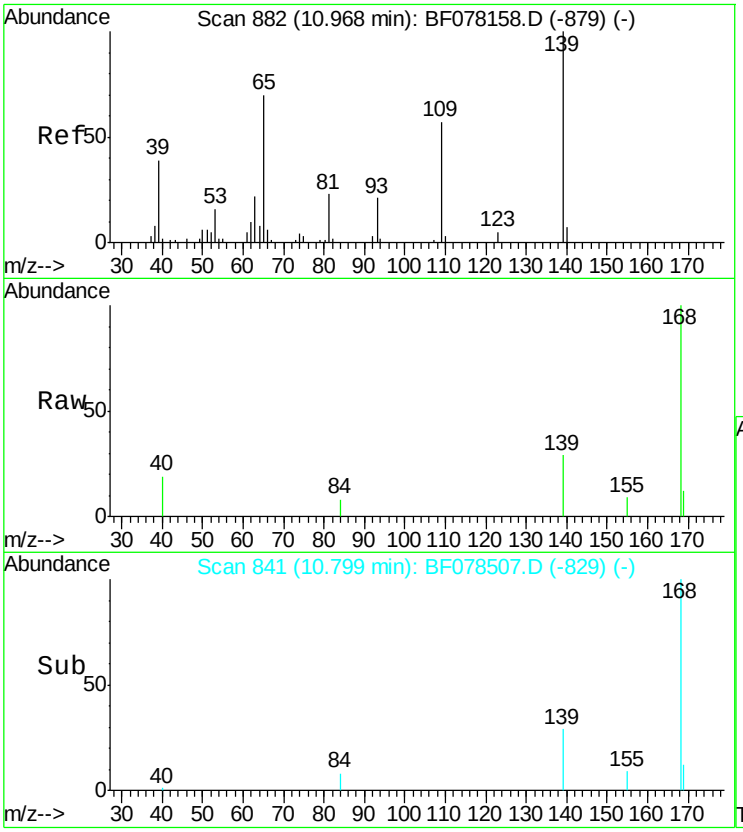


#48
Acenaphthylene
Concen: 2.46 ng
RT: 10.36 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Tgt Ion:152 Resp: 11788

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.7	23.5
153	13.5	10.2	15.2



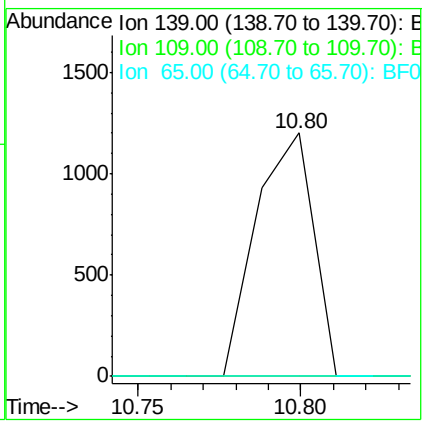


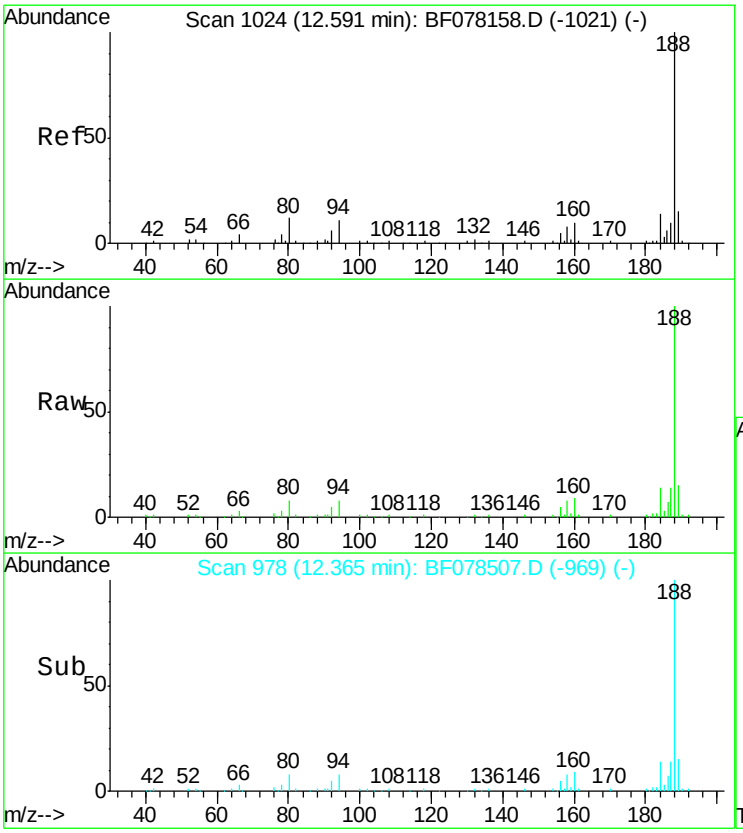
#55
4-Nitrophenol
Concen: 5.13 ng
RT: 10.80 min Scan# 841
Delta R.T. 0.03 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Instrument :
BNA_F
ClientSampleId :
HS-SB06A

Tgt Ion:139 Resp: 1462

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

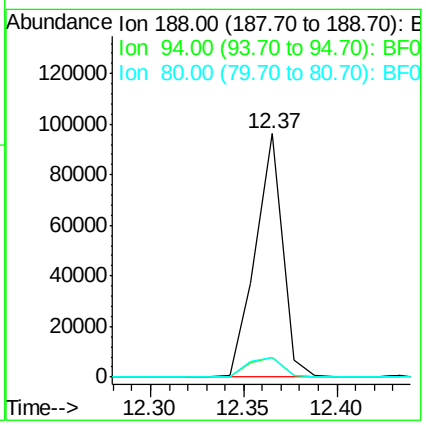


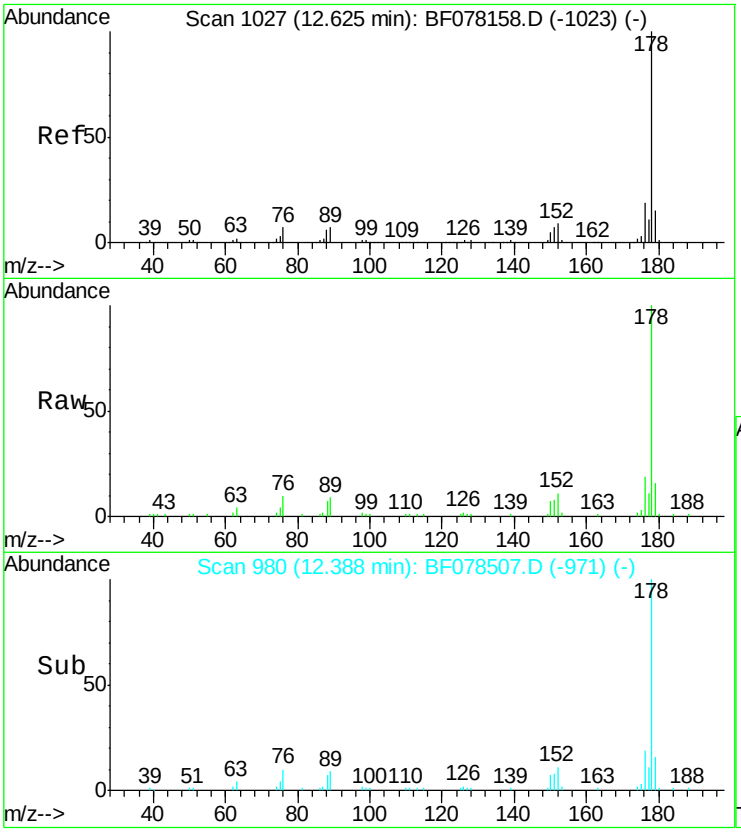


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Tgt Ion:188 Resp: 96873

Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.0	13.4#
80	8.3	9.5	14.3#



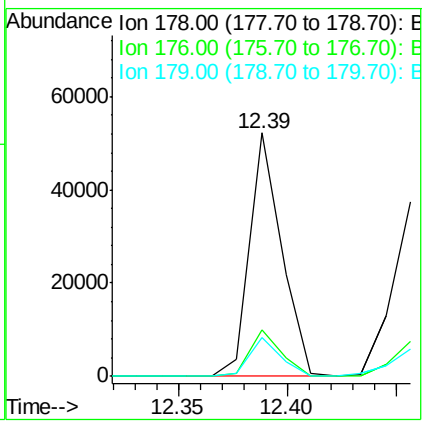


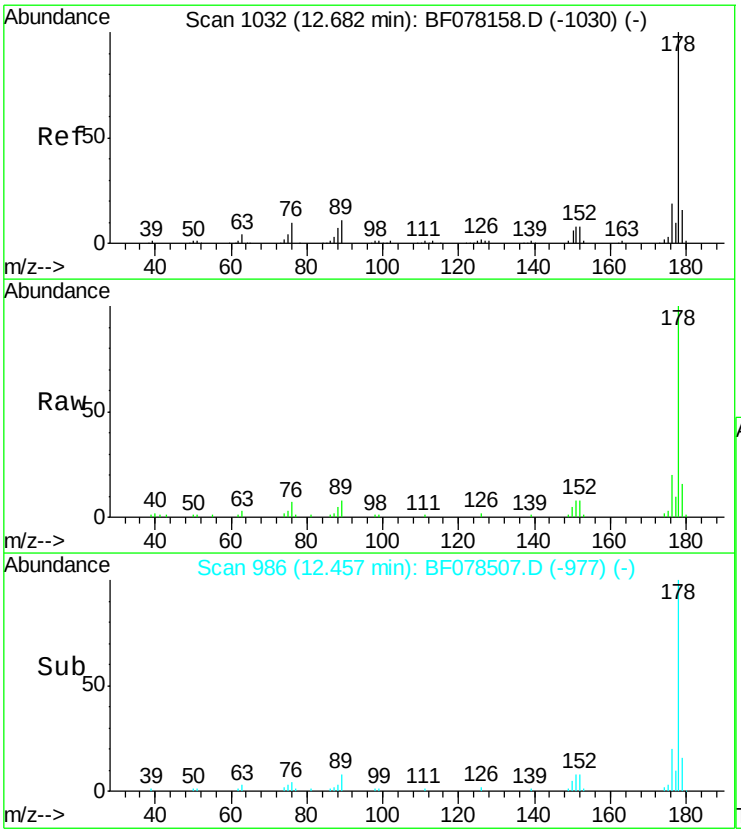
#70
Phenanthrene
Concen: 9.58 ng
RT: 12.39 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Instrument :
BNA_F
ClientSampleId :
HS-SB06A

Tgt Ion:178 Resp: 53668

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	16.2	12.2	18.2

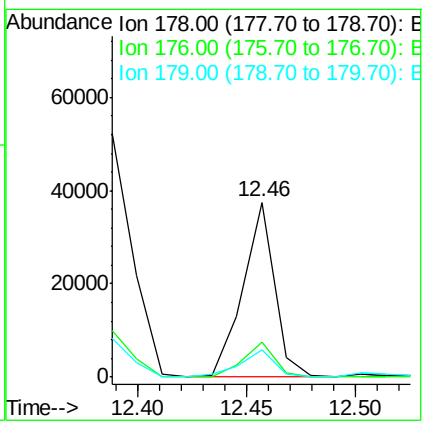


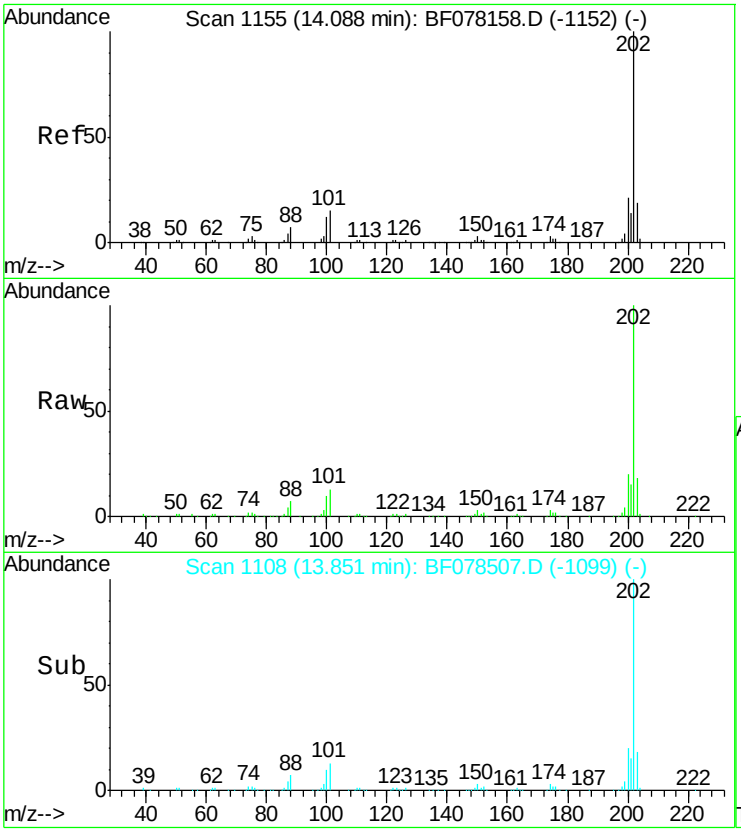


#71
Anthracene
Concen: 6.89 ng
RT: 12.46 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Tgt Ion:178 Resp: 38050

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.8	22.2
179	15.7	12.4	18.6



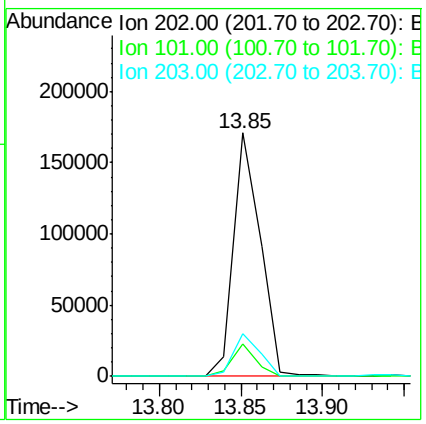


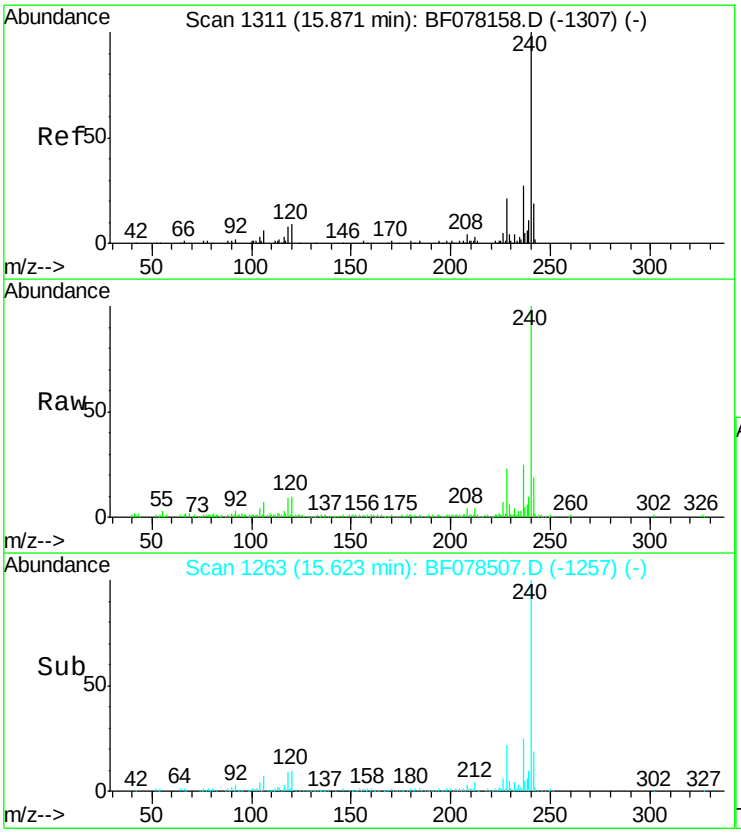
#74
Fluoranthene
Concen: 32.61 ng
RT: 13.85 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Instrument :
BNA_F
ClientSampleId :
HS-SB06A

Tgt Ion:202 Resp: 192725

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	35.2
203	17.6	0.0	38.5

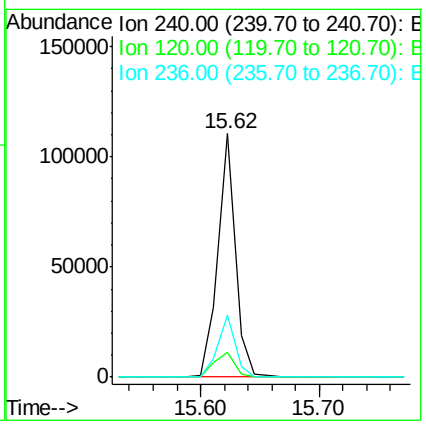


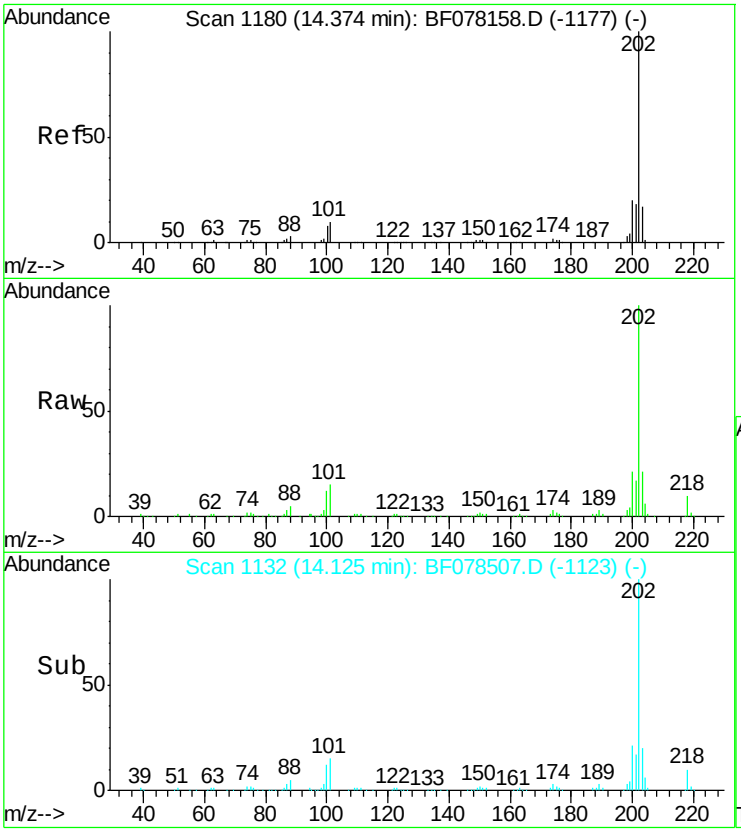


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.03 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Tgt Ion:240 Resp: 113241

Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.1	10.7
236	25.2	21.4	32.2



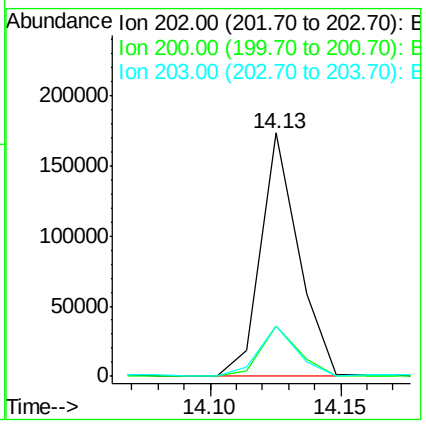


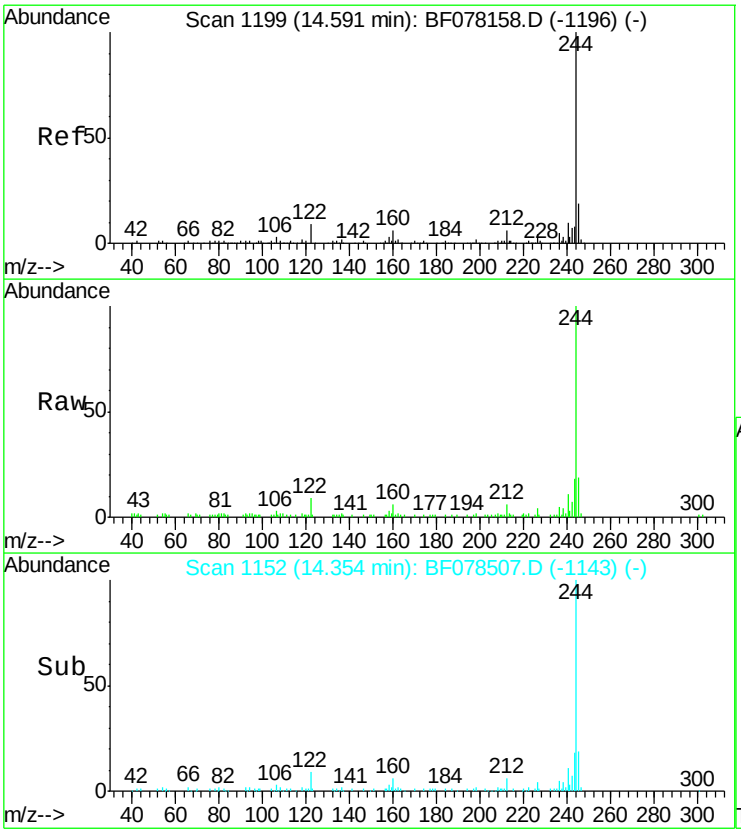
#77
Pyrene
Concen: 24.42 ng
RT: 14.13 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Instrument :
BNA_F
ClientSampleId :
HS-SB06A

Tgt Ion:202 Resp: 173579

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	20.9	13.8	20.6#

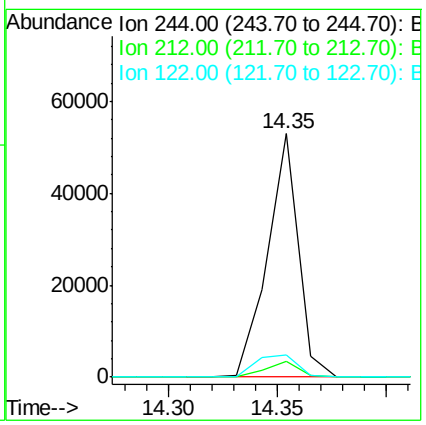


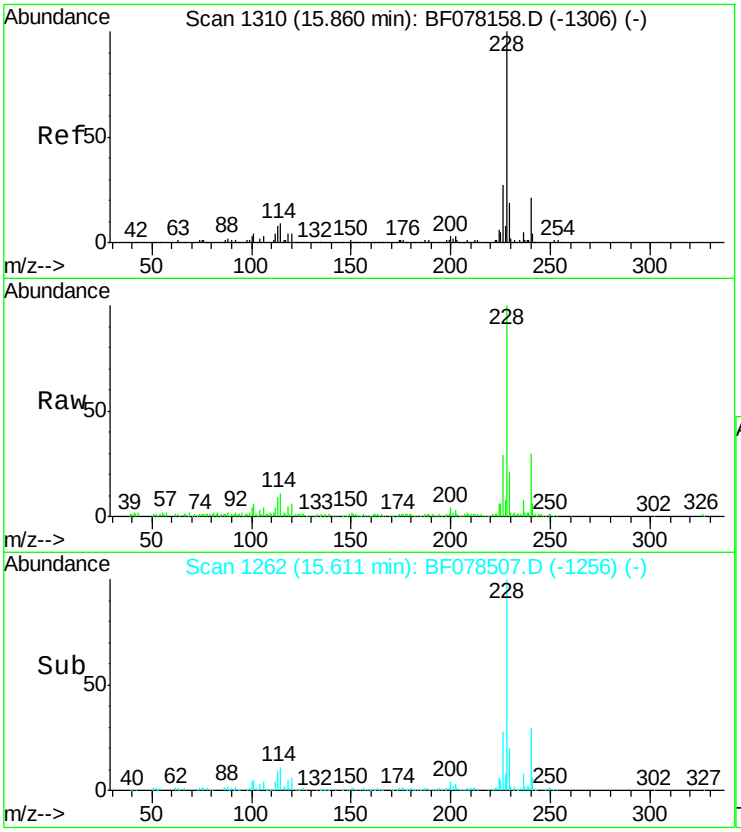


#78
Terphenyl-d14
Concen: 10.51 ng
RT: 14.35 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Tgt Ion:244 Resp: 52667

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.0	7.4
122	9.0	7.1	10.7



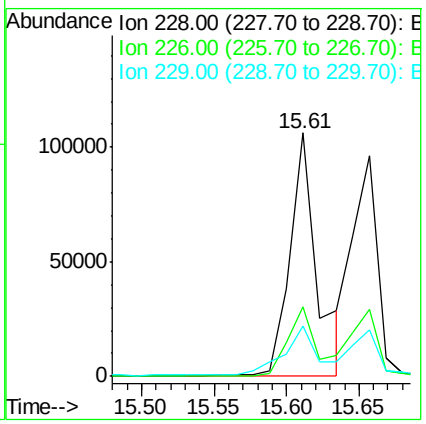


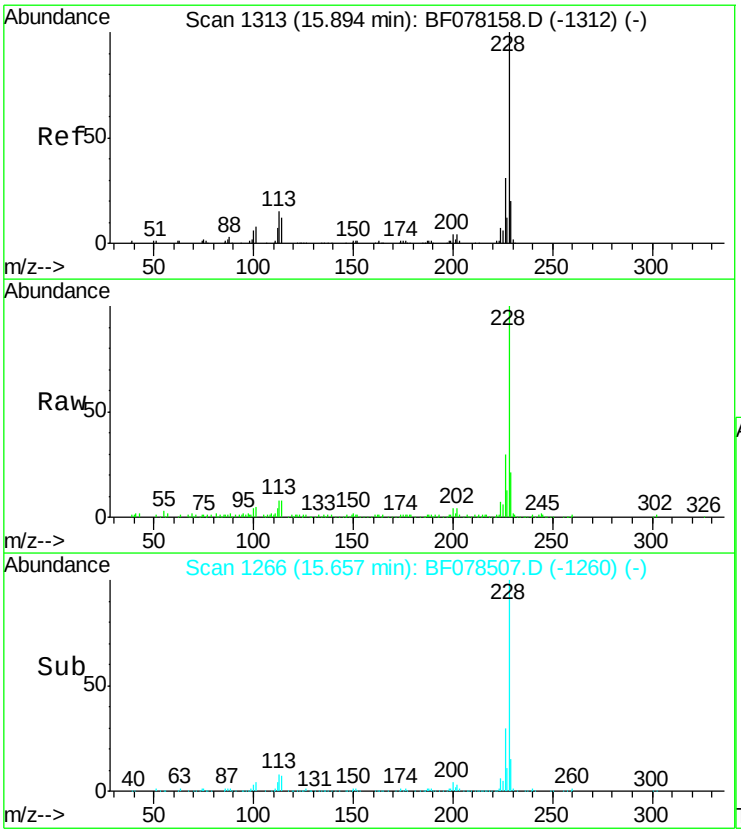
#80
Benzo(a)anthracene
Concen: 20.40 ng
RT: 15.61 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Instrument :
BNA_F
ClientSampleId :
HS-SB06A

Tgt Ion:228 Resp: 137435

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.3	31.9
229	20.5	15.4	23.2

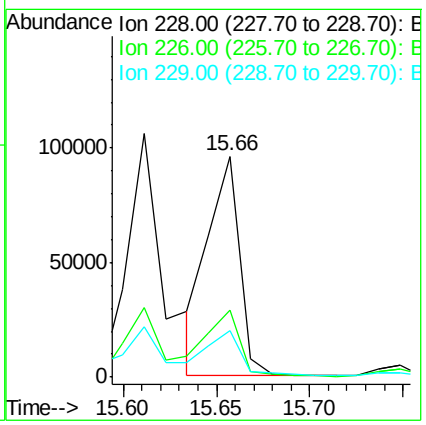


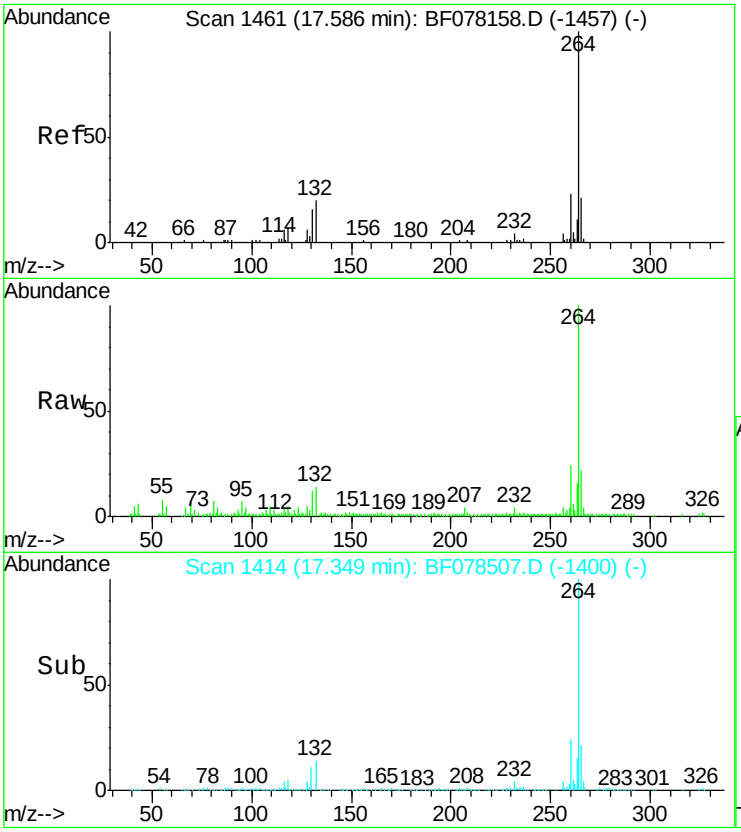


#82
Chrysene
Concen: 18.02 ng
RT: 15.66 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Tgt Ion:228 Resp: 114066

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	20.9	15.8	23.8



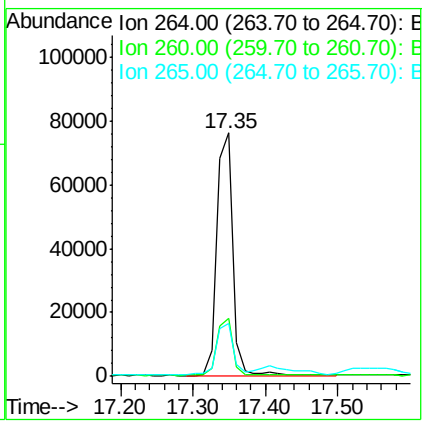


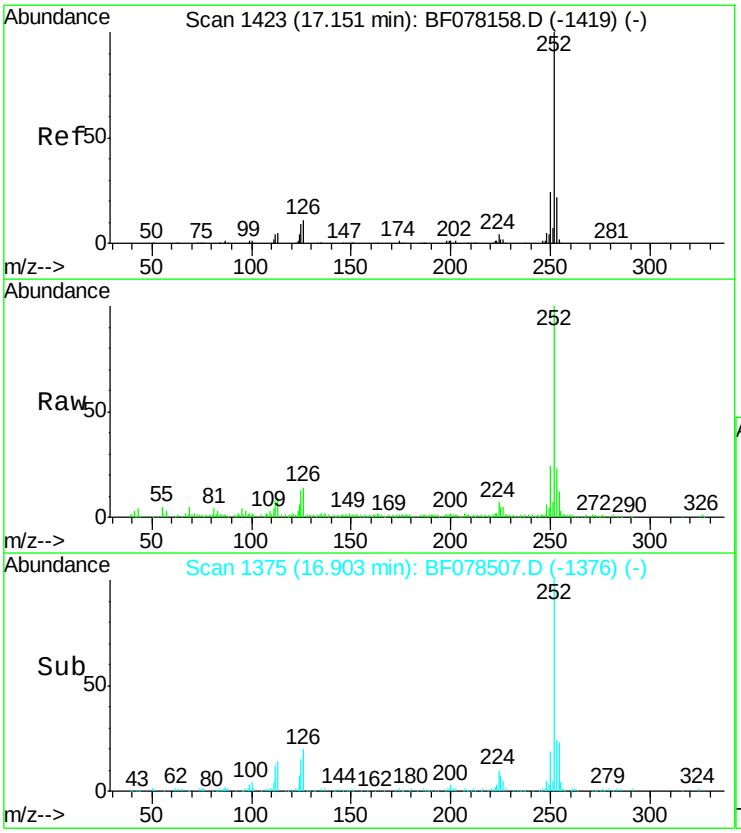
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.35 min Scan# 1414
Delta R.T. -0.14 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Instrument :
BNA_F
ClientSampleId :
HS-SB06A

Tgt Ion:264 Resp: 119041

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.6	17.0	25.6

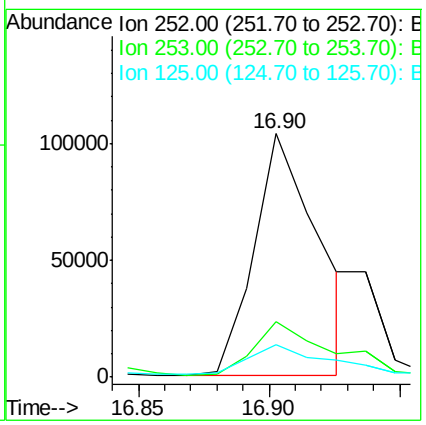


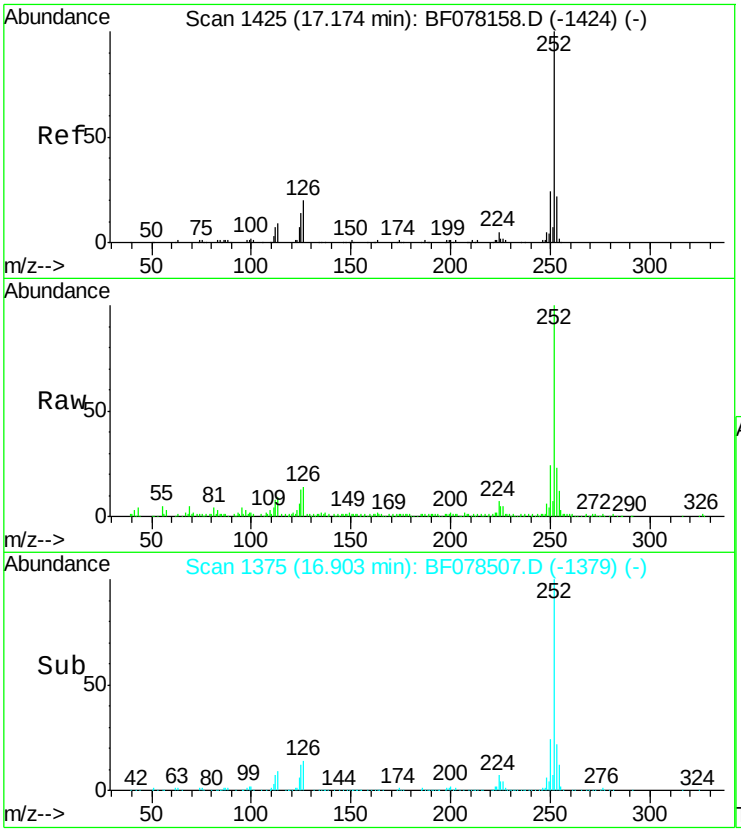


#87
Benzo(b)fluoranthene
Concen: 24.01 ng
RT: 16.90 min Scan# 1375
Delta R.T. -0.11 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Tgt Ion:252 Resp: 176619

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	13.1	7.0	10.4#



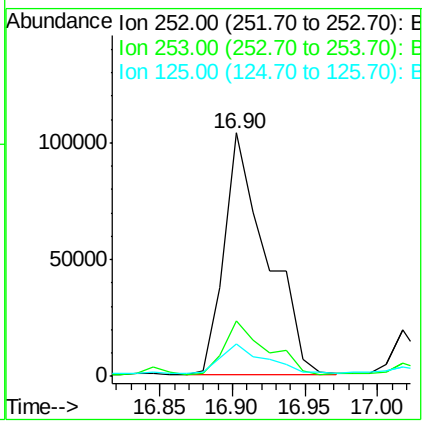


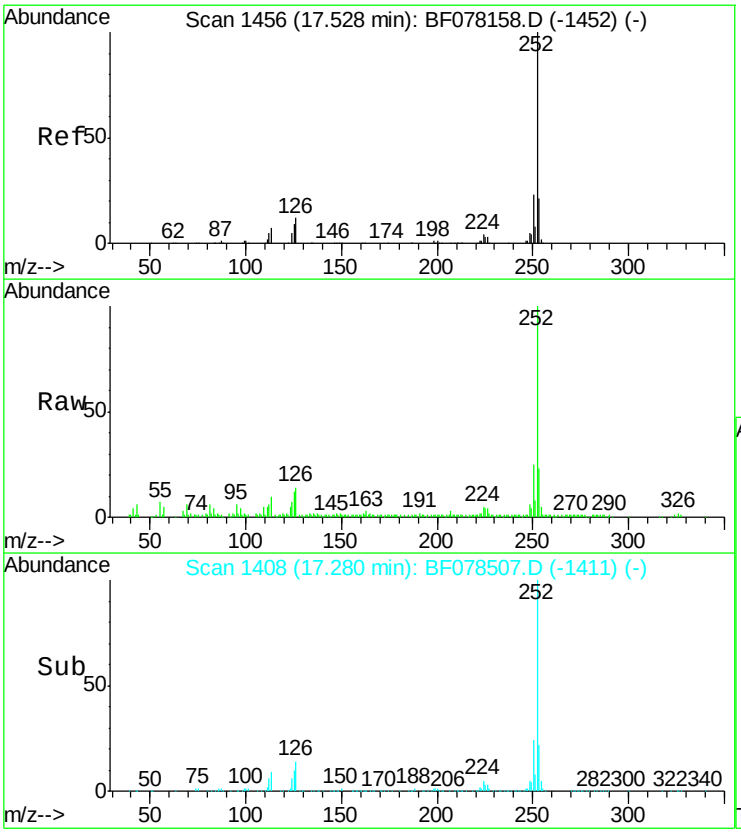
#88
Benzo(k)fluoranthene
Concen: 32.63 ng
RT: 16.90 min Scan# 1375
Delta R.T. -0.15 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Instrument :
BNA_F
ClientSampleId :
HS-SB06A

Tgt Ion:252 Resp: 213358

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	13.1	11.6	17.4





#89
Benzo(a)pyrene
Concen: 14.21 ng
RT: 17.28 min Scan# 1408
Delta R.T. -0.14 min
Lab File: BF078507.D
Acq: 14 Apr 2015 19:02

Tgt Ion:252 Resp: 91218

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.8	25.2
125	12.1	7.4	11.0#