Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078518.D
Acq On : 15 Apr 2015 00:18
Operator : TP/IZ
Sample : G1828-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-SB04B

Quant Time: Apr 15 01:27:32 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	6.81	152	19343	20.00	ng		0.01
21) Naphthalene-d8	8.39	136	80289	20.00	ng		0.00
38) Acenaphthene-d10	10.54	164	43308	20.00	ng		0.00
63) Phenanthrene-d10	12.37	188	87655	20.00	ng		0.00
75) Chrysene-d12	15.62	240	96045	20.00	ng		-0.03
86) Perylene-d12	17.30	264	103588	20.00	ng		-0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	168123	143.31	ng		0.01
7) Phenol-d6	6.41	99	219216	149.10	ng		0.00
23) Nitrobenzene-d5	7.51	82	120451	90.93	ng		0.00
41) 2,4,6-Tribromophenol	11.52	330	53385	148.63	ng		0.00
44) 2-Fluorobiphenyl	9.74	172	204548	67.51	ng		0.00
78) Terphenyl-d14	14.35	244	247044	58.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.60	88	42637	80.37	ng	#	23
10) Phenol	6.43	94	6515	3.70	ng		85
20) 3+4-Methylphenols	7.38	107	4907	3.42	ng		94
31) Naphthalene	8.41	128	17349	4.15	ng		98
48) Acenaphthylene	10.36	152	47902	10.64	ng		99
49) Dimethylphthalate	10.25	163	13059	4.01	ng	#	97
51) Acenaphthene	10.58	154	11720	4.63	ng		96
54) Dibenzofuran	10.80	168	12462	3.22	ng		98
55) 4-Nitrophenol	10.80	139	4731	10.91	ng	#	18
57) Fluorene	11.22	166	30350	9.67	ng		99
70) Phenanthrene	12.40	178	235371	46.42	ng		100
71) Anthracene	12.46	178	218405	43.71	ng		100
72) Carbazole	12.67	167	10724	2.29	ng		95
74) Fluoranthene	13.86	202	891189	166.66	ng		97
77) Pyrene	14.14	202	735328	121.96	ng	#	93
80) Benzo(a)anthracene	15.61	228	482115	84.37	ng		94
82) Chrysene	15.66	228	353036	65.75	ng		98
85) Indeno(1,2,3-cd)pyrene	18.71	276	16685	2.74	ng	#	26
87) Benzo(b)fluoranthene	16.88	252	412886	64.49	ng	#	95
88) Benzo(k)fluoranthene	16.88	252	594095	104.42	ng		97
89) Benzo(a)pyrene	17.25	252	356271	63.76	ng		96
90) Dibenzo(a,h)anthracene	18.66	278	49449	8.84	ng		93

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

Quantitation Report (Not Reviewed)

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Acq On : 15 Apr 2015 00:18
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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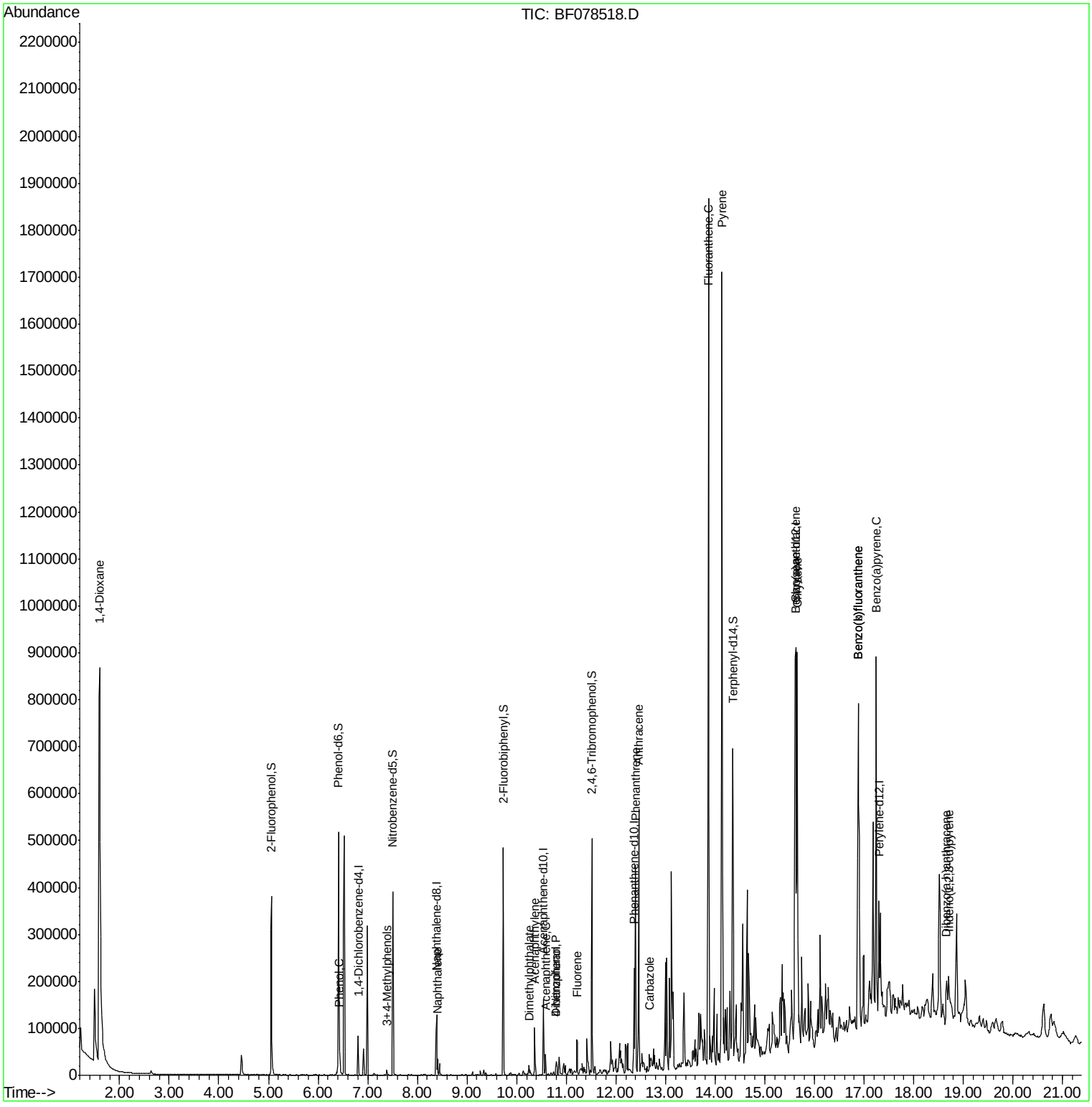
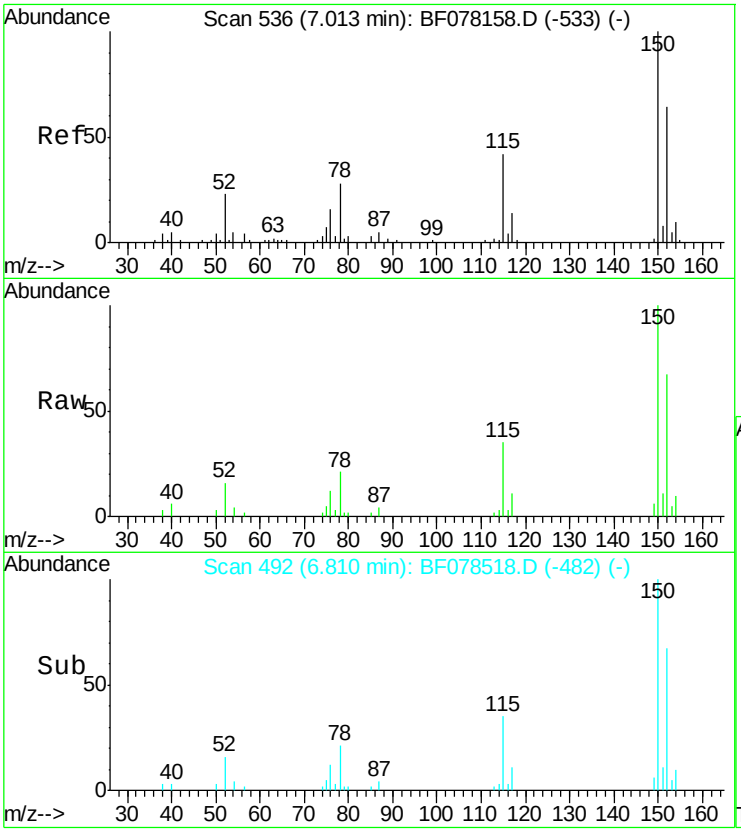


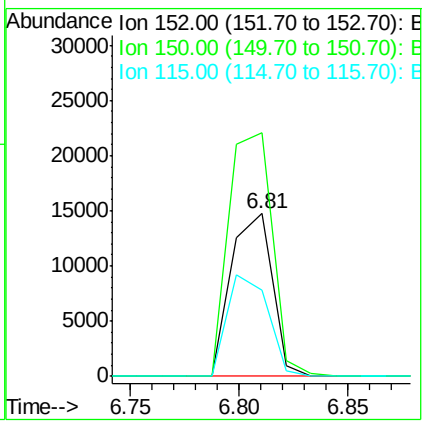


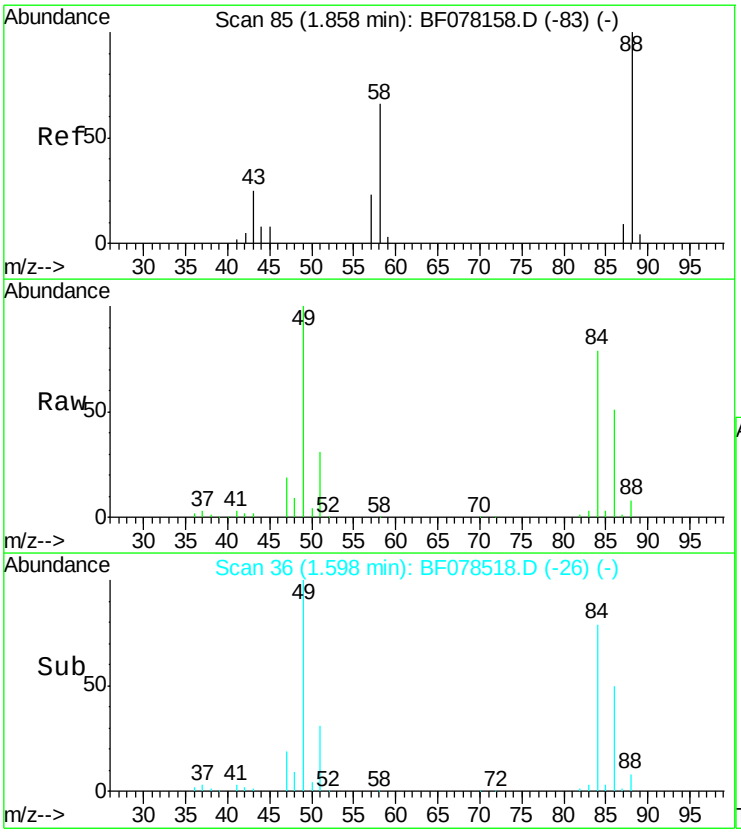
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 492
Delta R.T. 0.01 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

Tgt Ion:152 Resp: 19343

Ion	Ratio	Lower	Upper
152	100		
150	149.6	125.9	188.9
115	52.6	52.7	79.1#

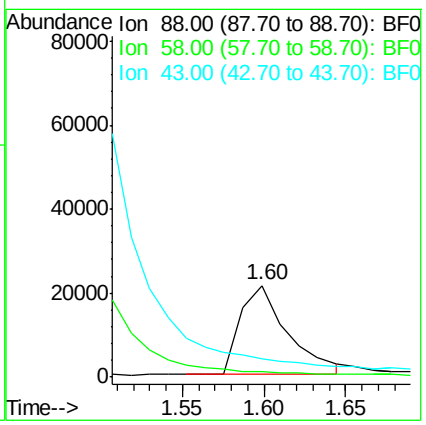


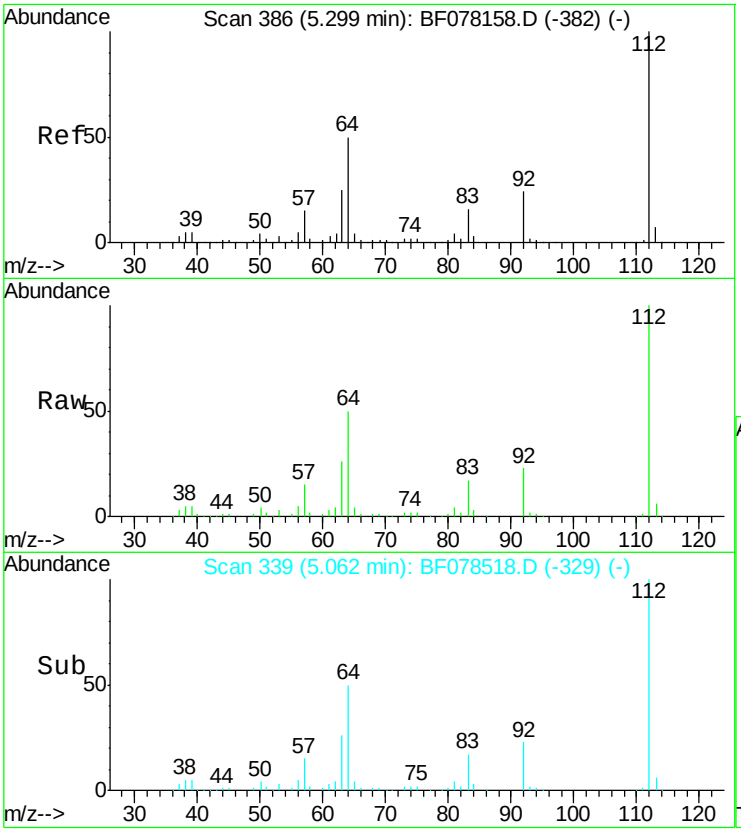


#2
1,4-Dioxane
Concen: 80.37 ng
RT: 1.60 min Scan# 36
Delta R.T. 0.01 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion: 88 Resp: 42637

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



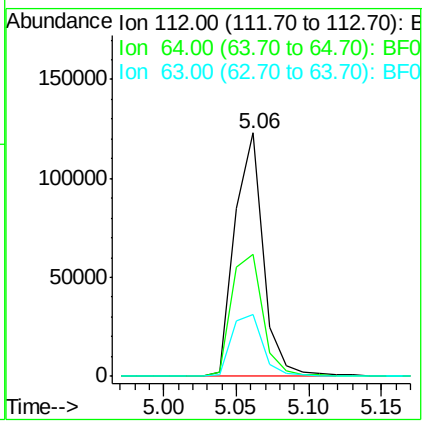


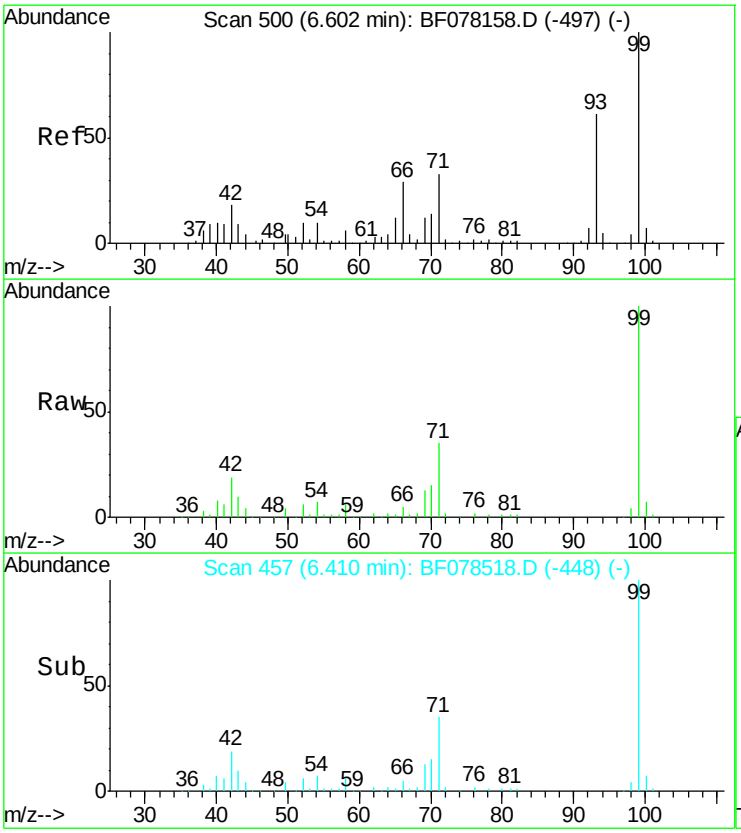
#5
2-Fluorophenol
Concen: 143.31 ng
RT: 5.06 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

Tgt Ion:112 Resp: 168123

Ion	Ratio	Lower	Upper
112	100		
64	50.2	39.9	59.9
63	25.6	20.2	30.4

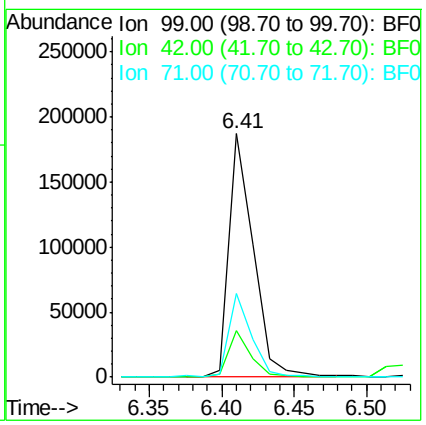


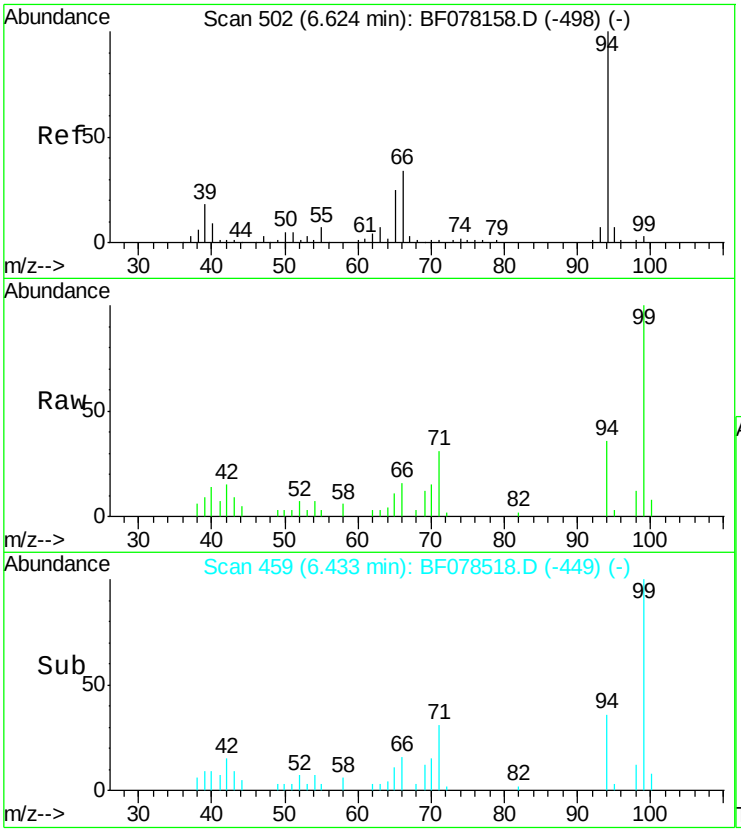


#7
Phenol-d6
Concen: 149.10 ng
RT: 6.41 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion: 99 Resp: 219216

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.8	22.2
71	34.6	26.6	39.8



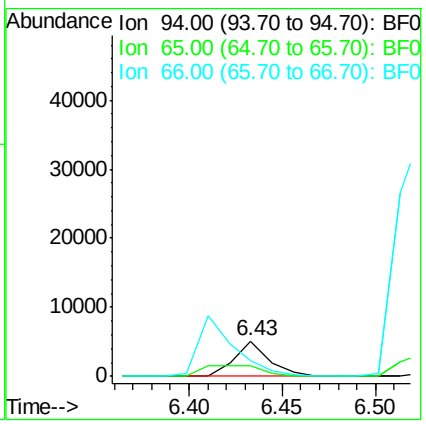


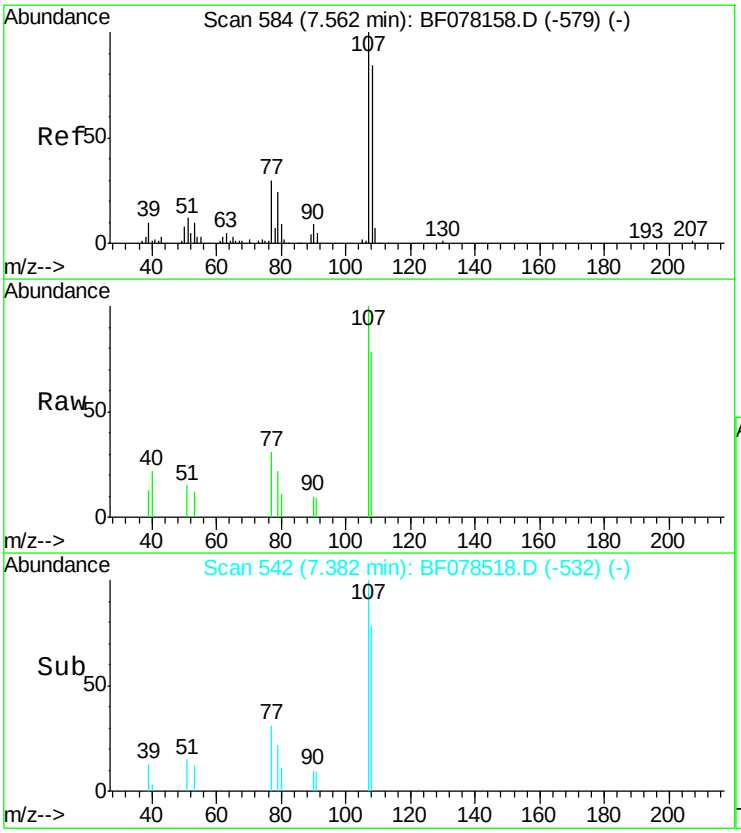
#10
Phenol
Concen: 3.70 ng
RT: 6.43 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

Tgt Ion: 94 Resp: 6515

Ion	Ratio	Lower	Upper
94	100		
65	29.2	4.9	44.9
66	44.7	13.8	53.8

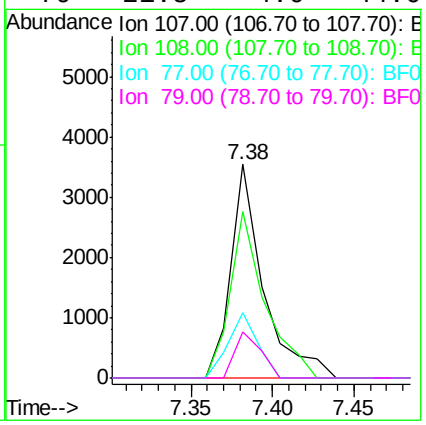


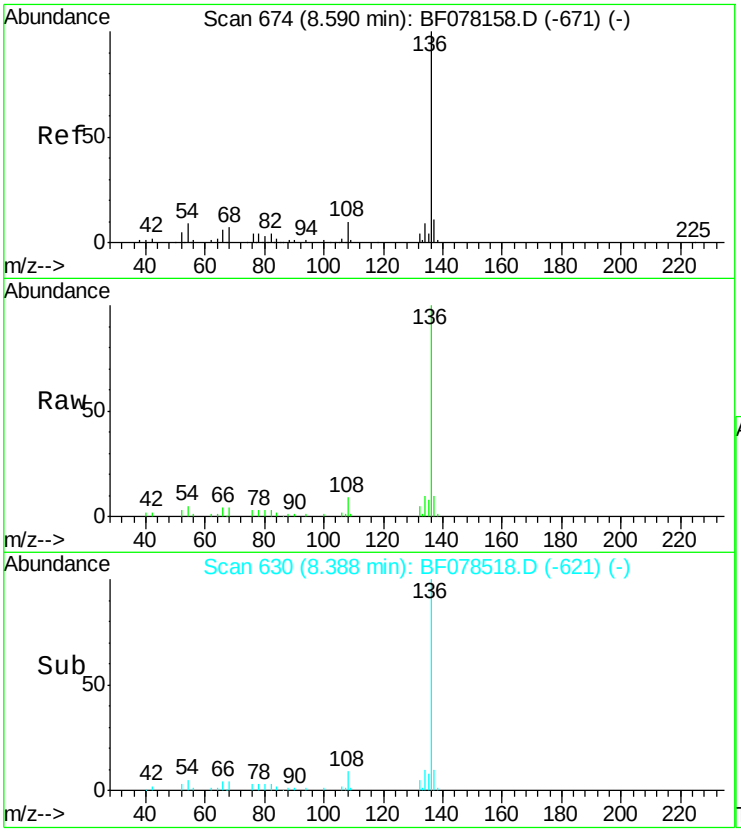


#20
3+4-Methylphenols
Concen: 3.42 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion:107 Resp: 4907

Ion	Ratio	Lower	Upper
107	100		
108	77.7	64.4	104.4
77	30.7	9.7	49.7
79	21.5	4.0	44.0



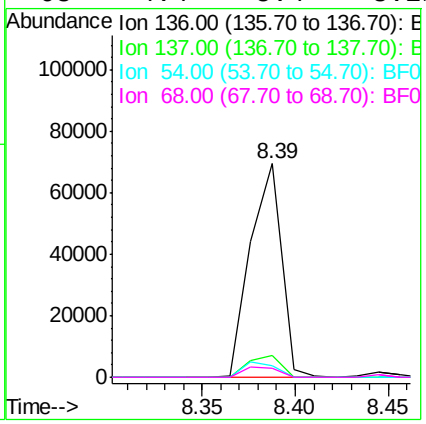


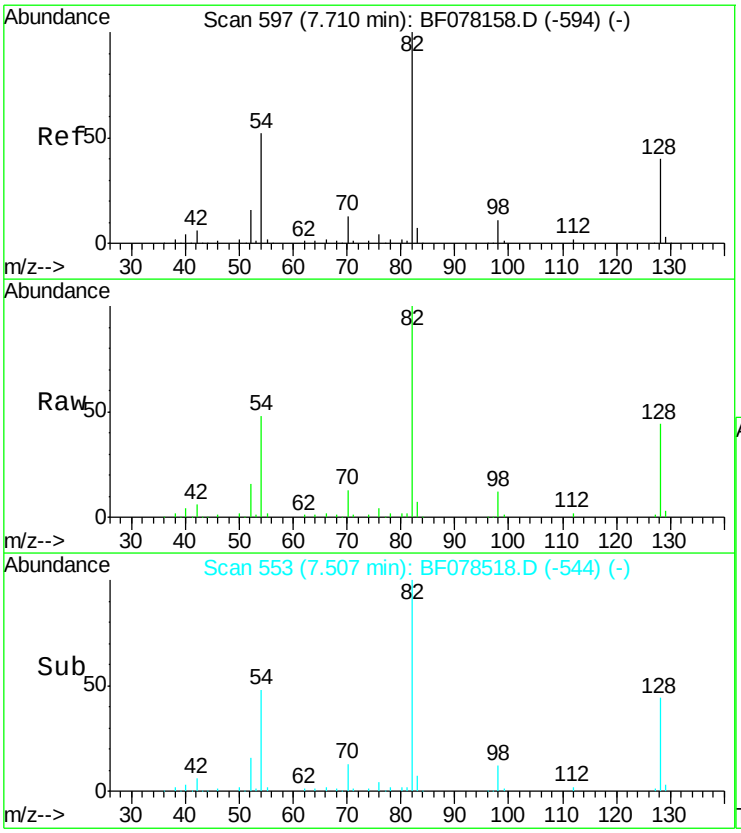
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.39 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

Tgt Ion:136 Resp: 80289

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.0	13.4
54	5.5	7.0	10.6#
68	4.4	5.4	8.2#

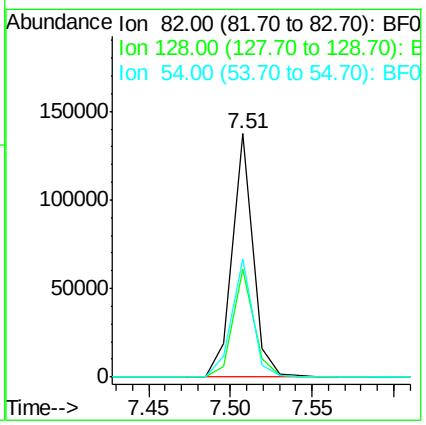


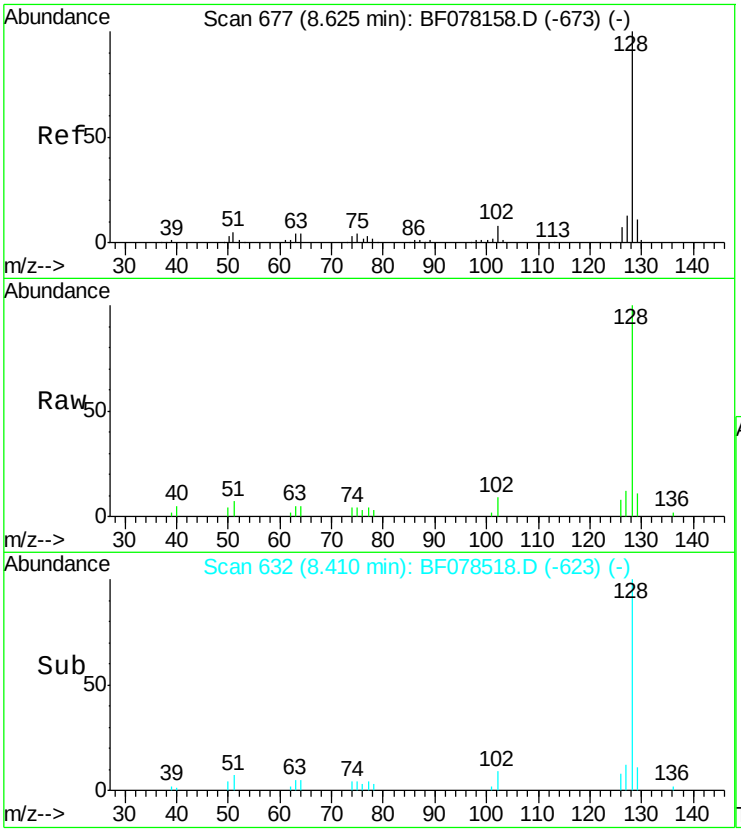


#23
Nitrobenzene-d5
Concen: 90.93 ng
RT: 7.51 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion: 82 Resp: 120451

Ion	Ratio	Lower	Upper
82	100		
128	44.4	31.8	47.8
54	48.4	41.5	62.3



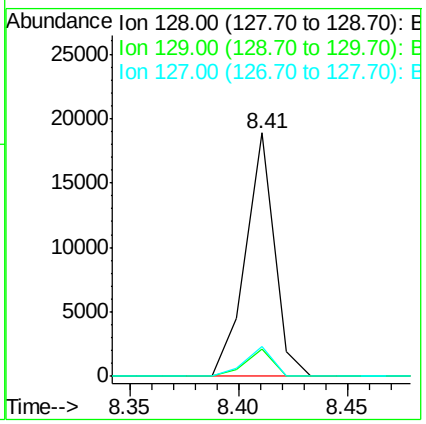


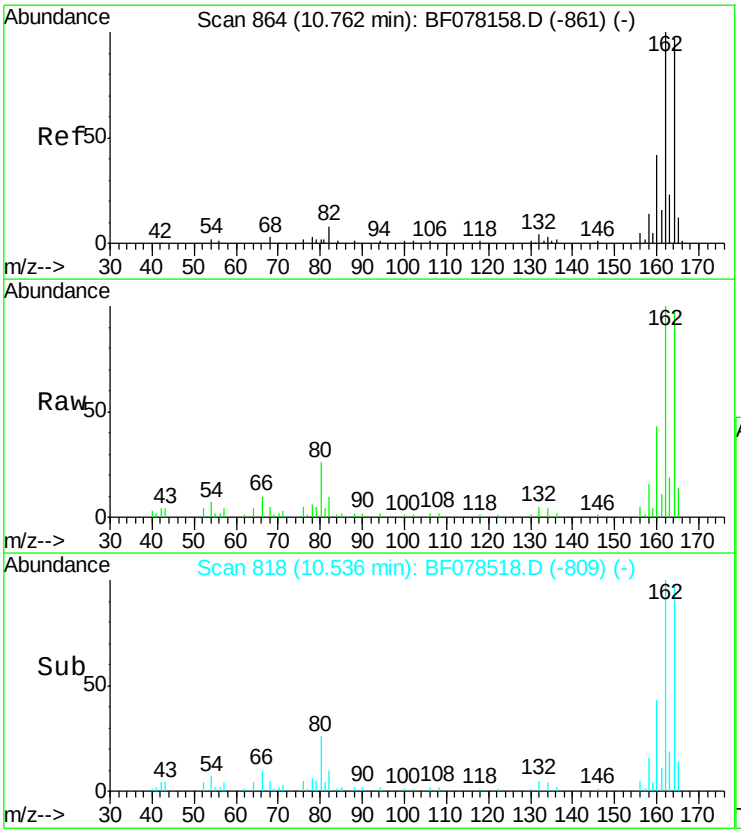
#31
Naphthalene
Concen: 4.15 ng
RT: 8.41 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

Tgt Ion:128 Resp: 17349

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	12.3	10.7	16.1

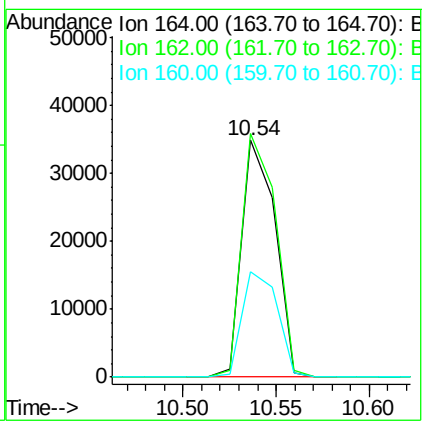


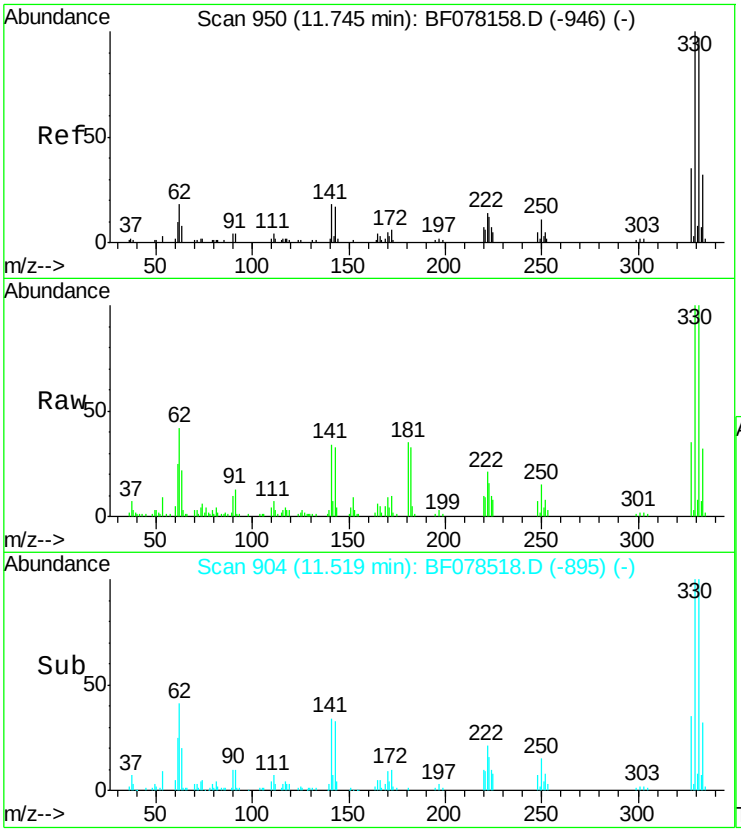


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.54 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion:164 Resp: 43308

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.2	123.2
160	44.7	34.7	52.1



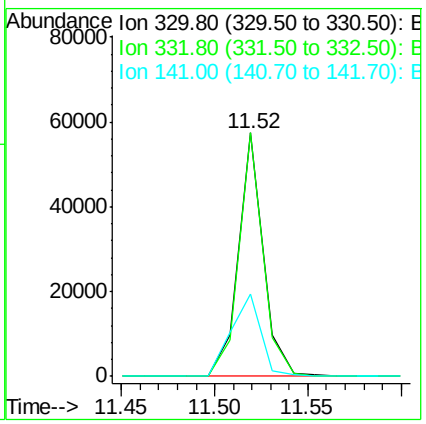


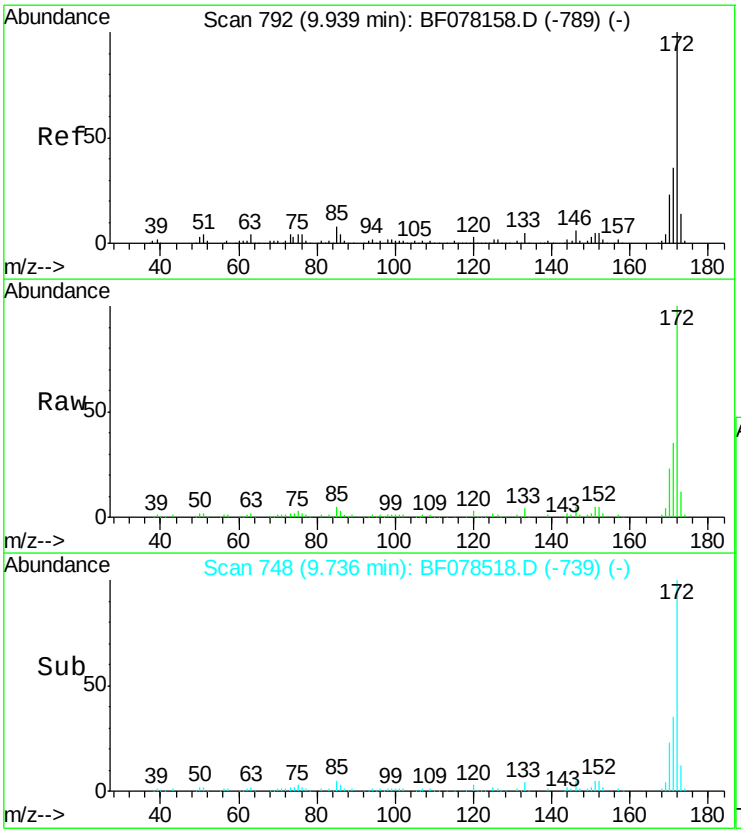
#41
2,4,6-Tribromophenol
Concen: 148.63 ng
RT: 11.52 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

Tgt Ion:330 Resp: 53385

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.6	117.8
141	40.4	31.2	46.8

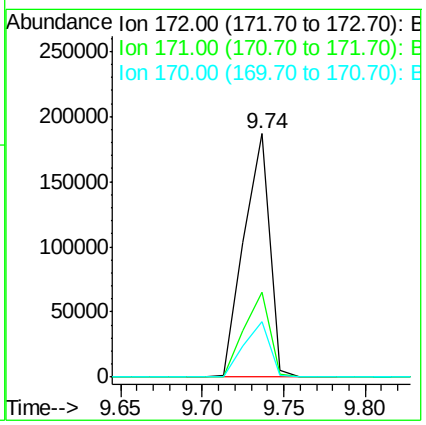


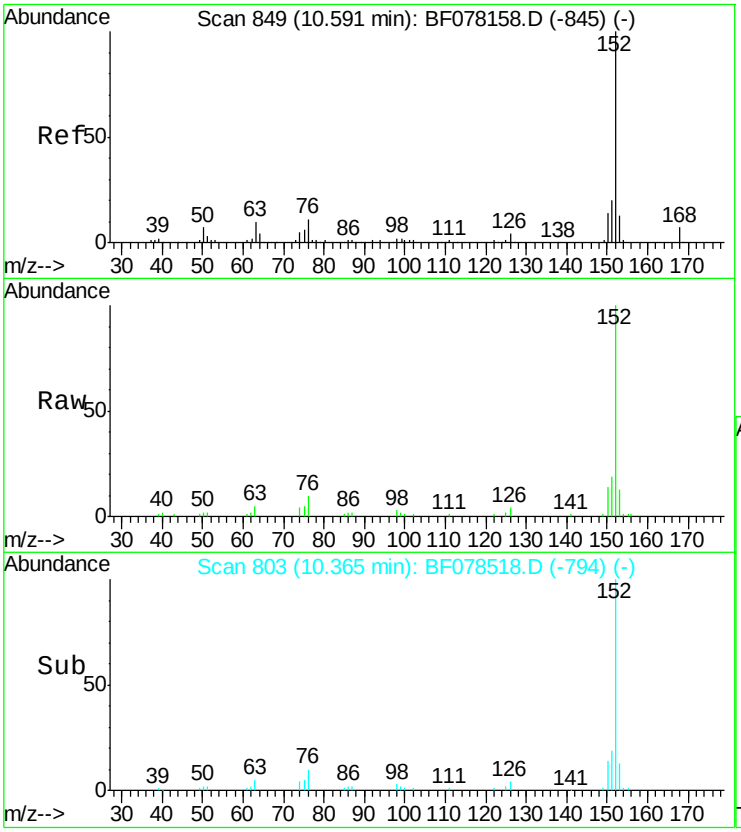


#44
2-Fluorobiphenyl
Concen: 67.51 ng
RT: 9.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion:172 Resp: 204548

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	42.8
170	22.8	18.5	27.7



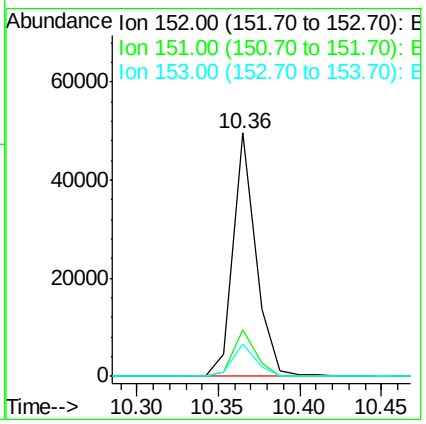


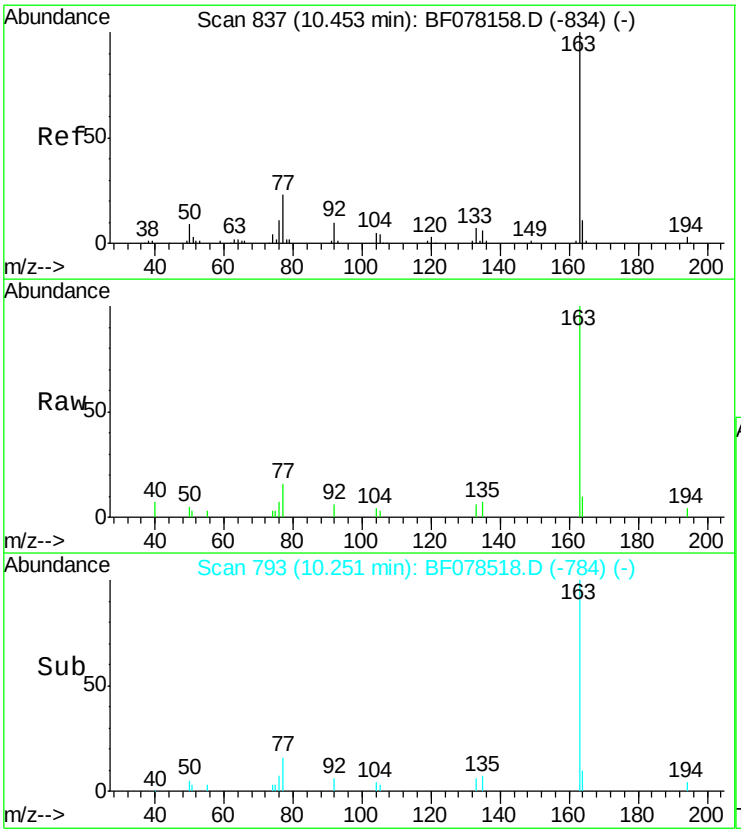
#48
Acenaphthylene
Concen: 10.64 ng
RT: 10.36 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

Tgt Ion:152 Resp: 47902

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	13.4	10.2	15.2

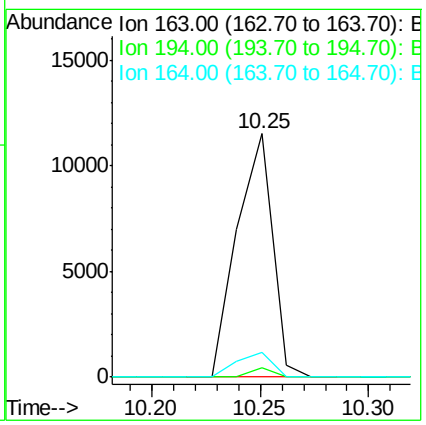


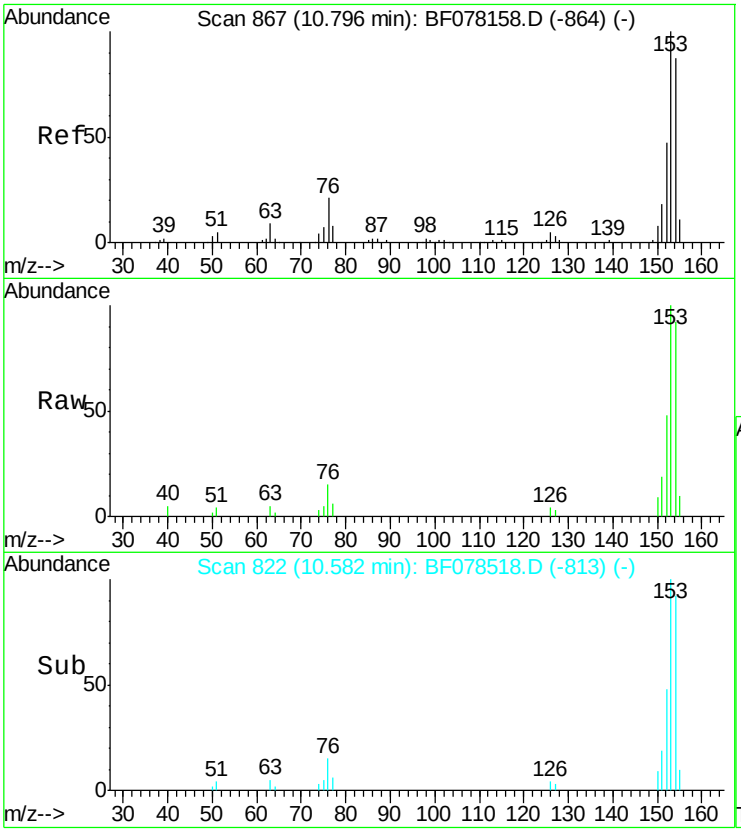


#49
Dimethylphthalate
Concen: 4.01 ng
RT: 10.25 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion:163 Resp: 13059

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.3	3.5#
164	9.9	8.6	13.0



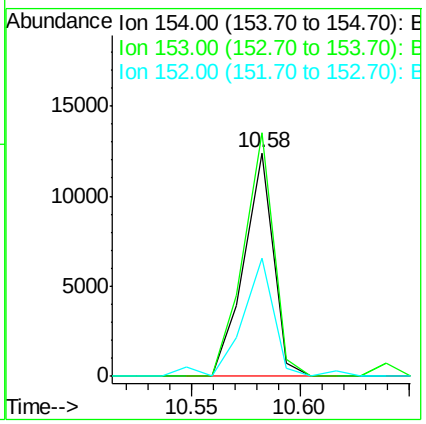


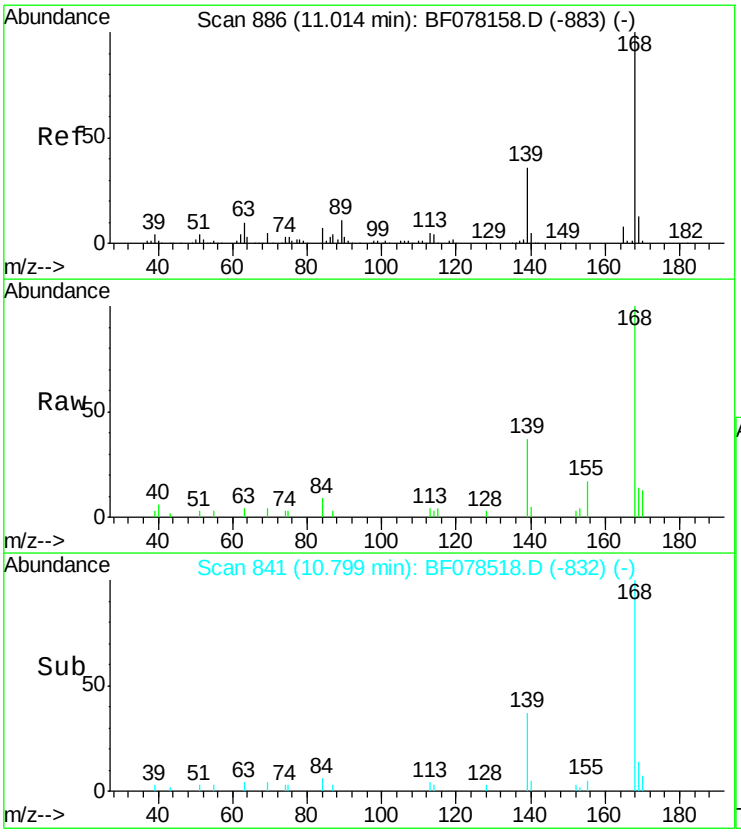
#51
Acenaphthene
Concen: 4.63 ng
RT: 10.58 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

Tgt Ion:154 Resp: 11720

Ion	Ratio	Lower	Upper
154	100		
153	108.8	91.4	137.2
152	52.7	43.0	64.6

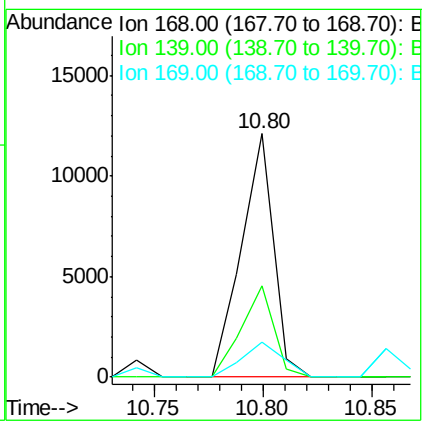


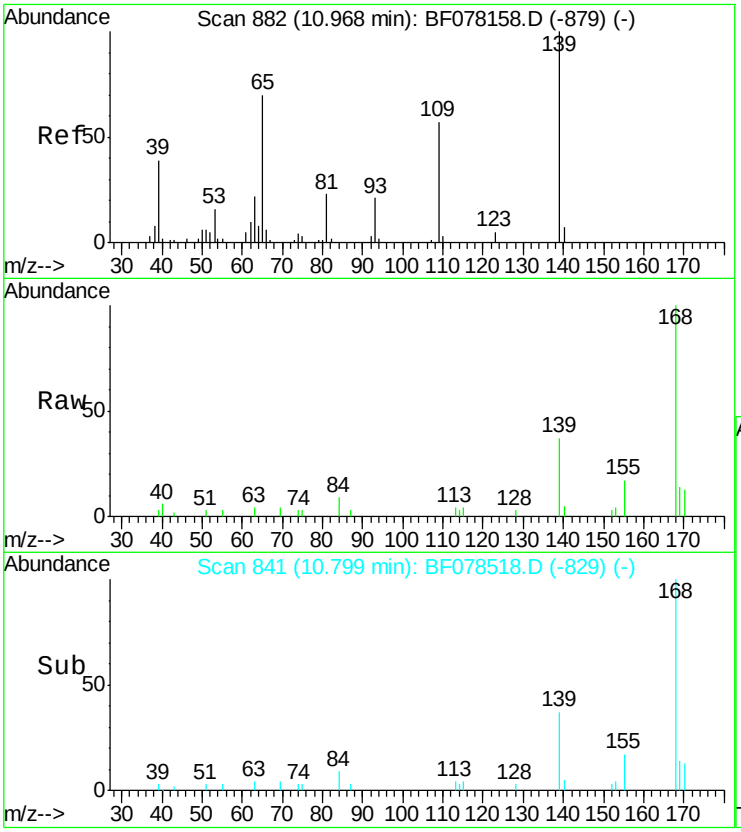


#54
Dibenzofuran
Concen: 3.22 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion:168 Resp: 12462

Ion	Ratio	Lower	Upper
168	100		
139	37.4	31.0	46.4
169	14.4	10.7	16.1



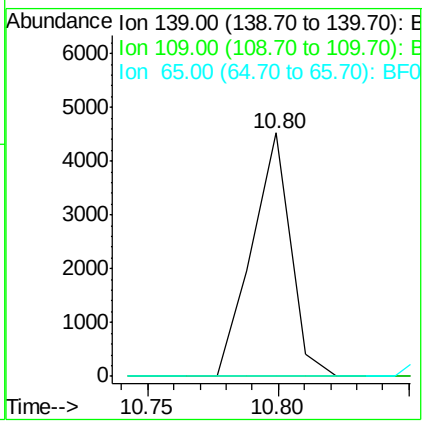


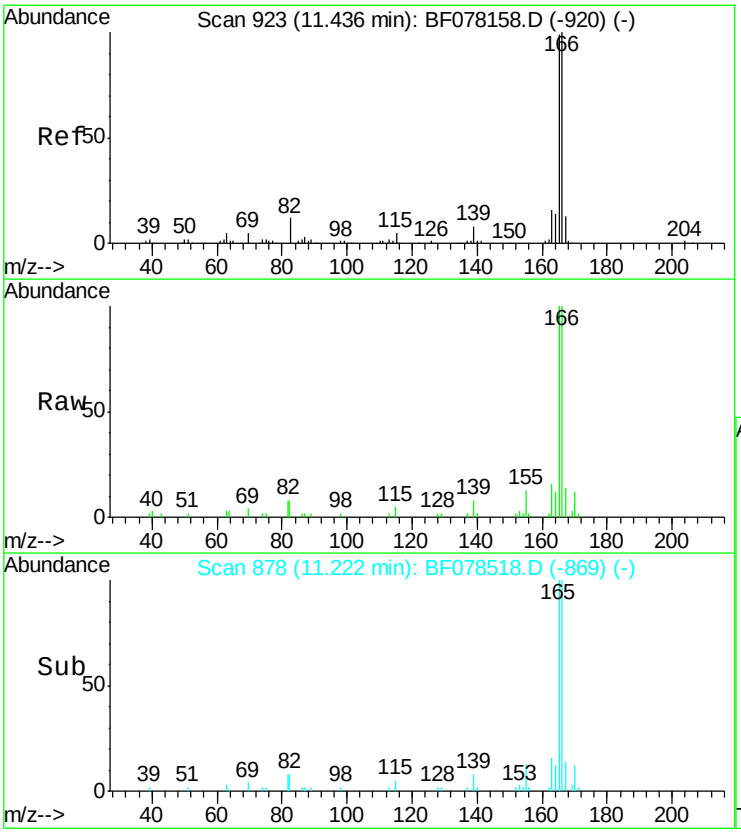
#55
4-Nitrophenol
Concen: 10.91 ng
RT: 10.80 min Scan# 841
Delta R.T. 0.03 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

Tgt Ion:139 Resp: 4731

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

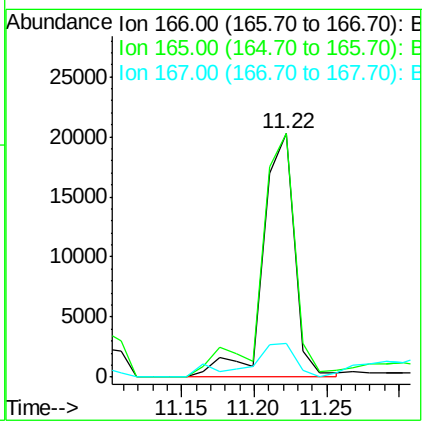


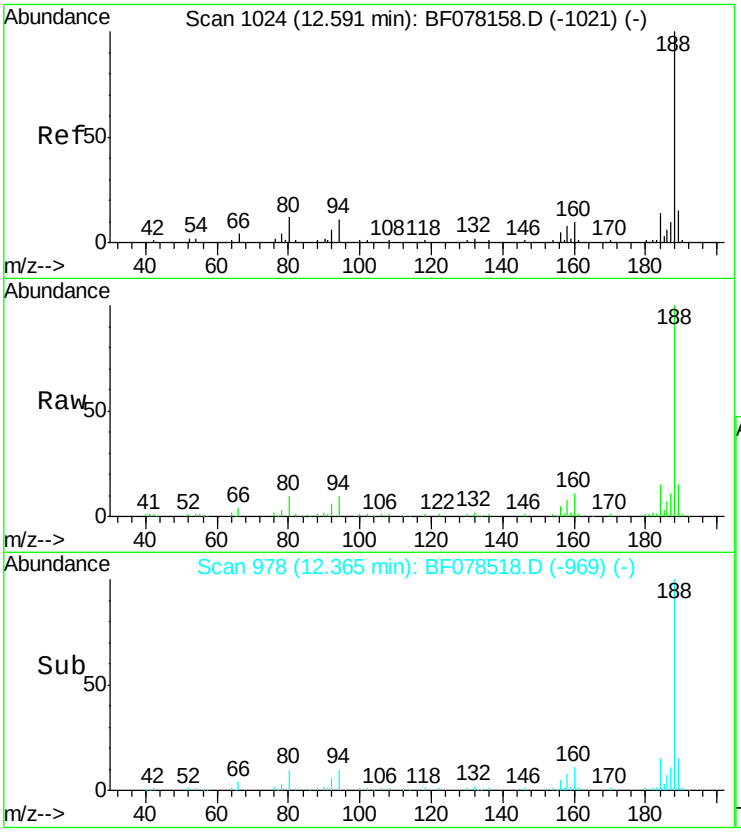


#57
Fluorene
Concen: 9.67 ng
RT: 11.22 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion:166 Resp: 30350

Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.9	118.3
167	13.9	10.7	16.1



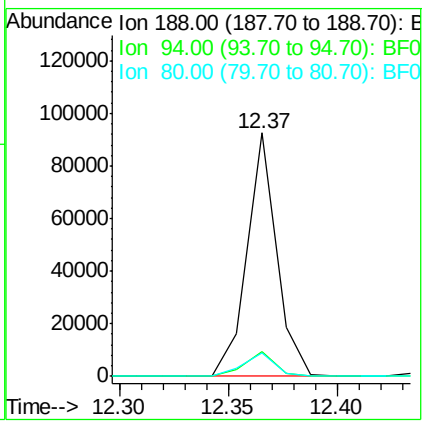


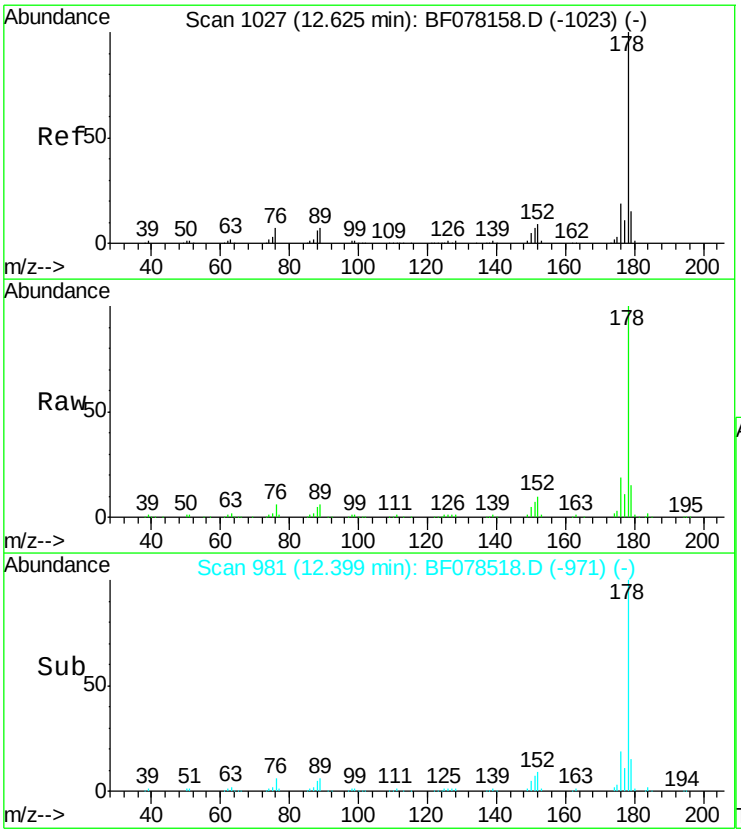
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

Tgt Ion:188 Resp: 87655

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.0	13.4
80	9.9	9.5	14.3

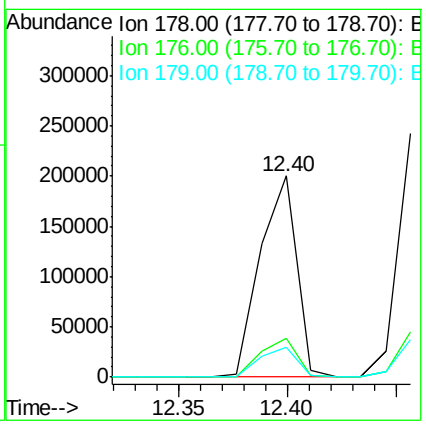


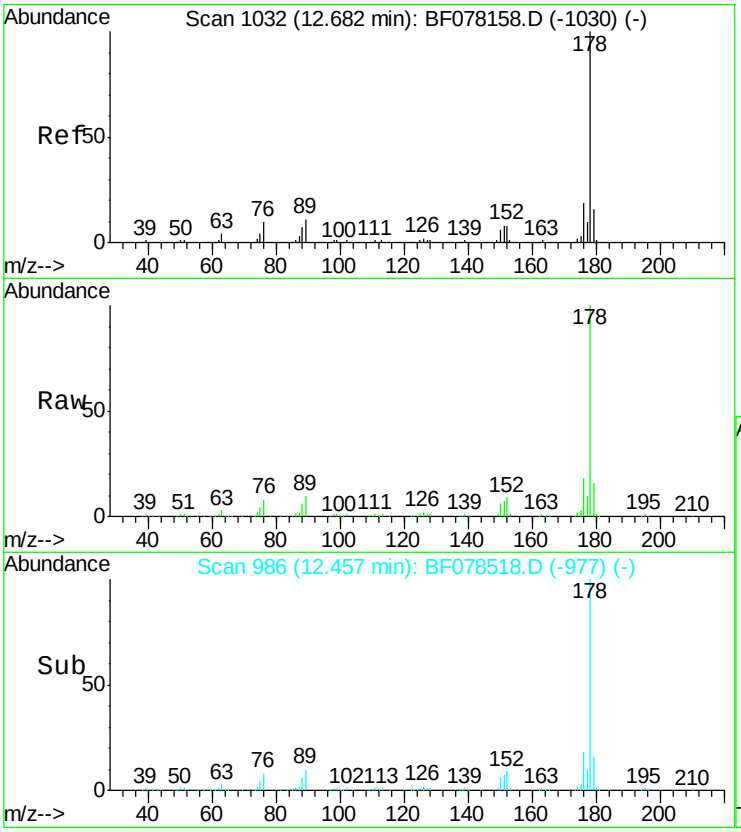


#70
Phenanthrene
Concen: 46.42 ng
RT: 12.40 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion:178 Resp: 235371

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	14.9	12.2	18.2



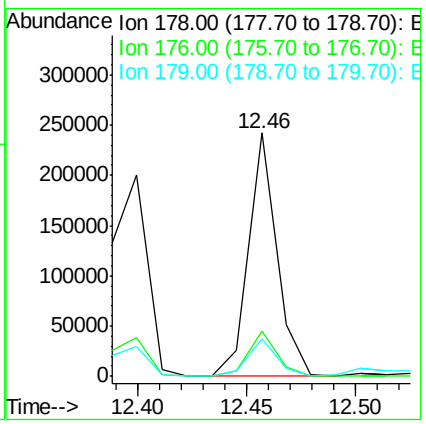


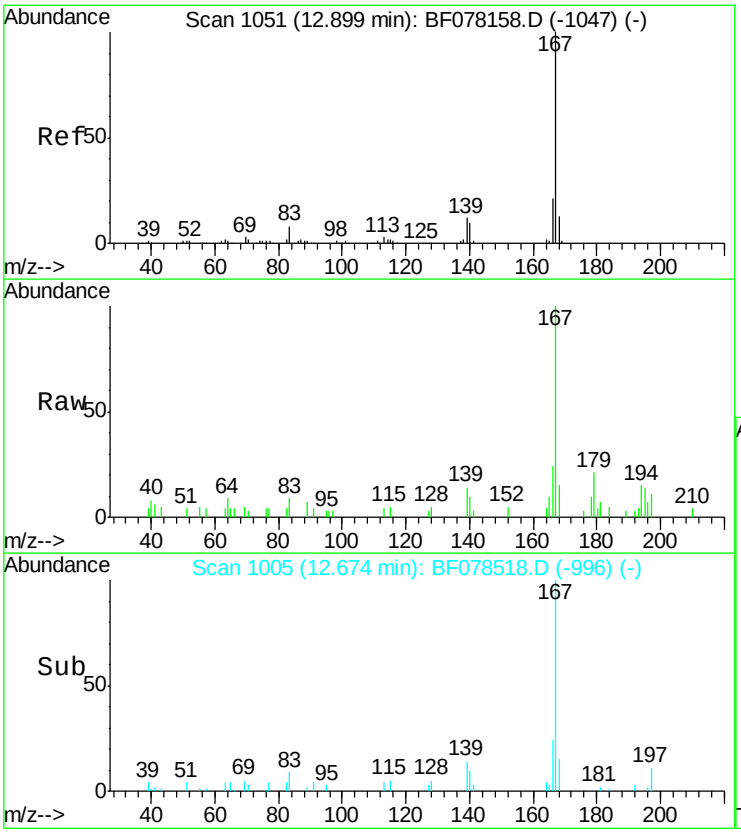
#71
Anthracene
Concen: 43.71 ng
RT: 12.46 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

Tgt Ion:178 Resp: 218405

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.6	12.4	18.6

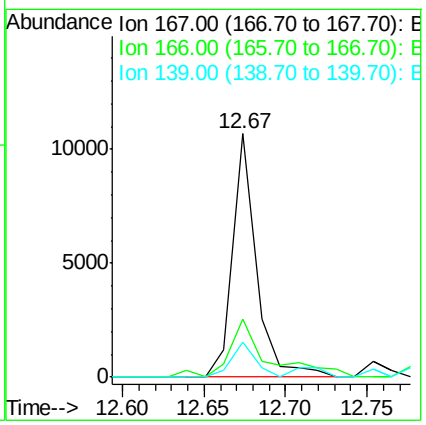


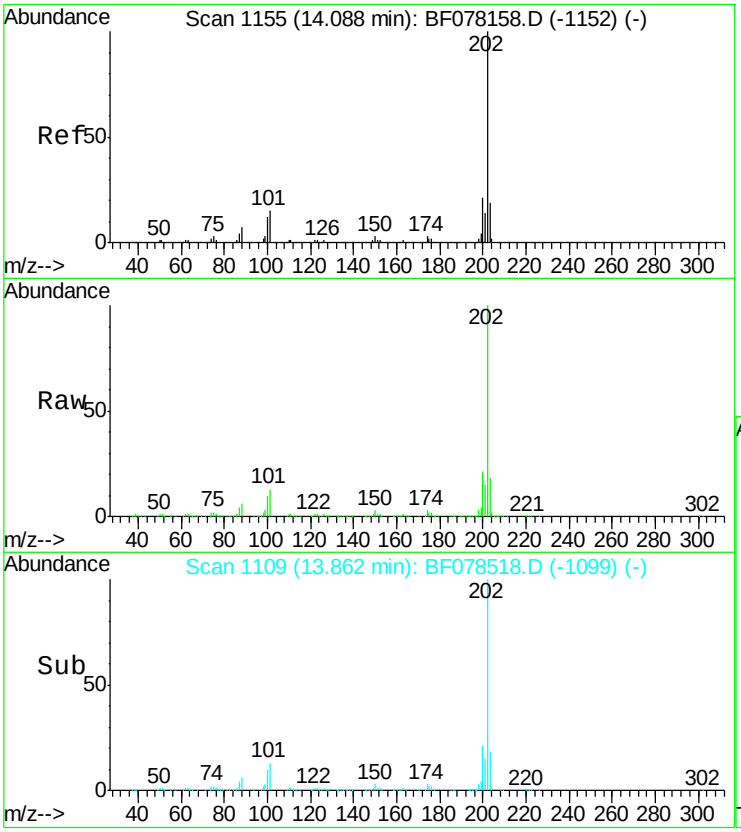


#72
Carbazole
Concen: 2.29 ng
RT: 12.67 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion:167 Resp: 10724

Ion	Ratio	Lower	Upper
167	100		
166	23.6	16.8	25.2
139	14.3	10.0	15.0



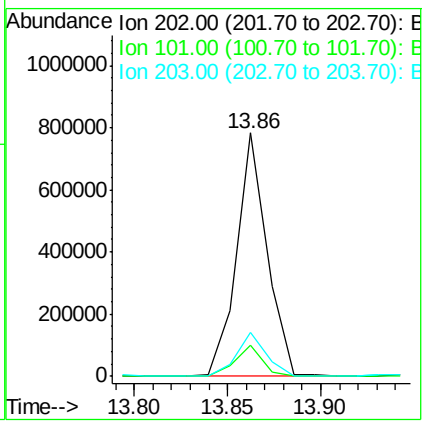


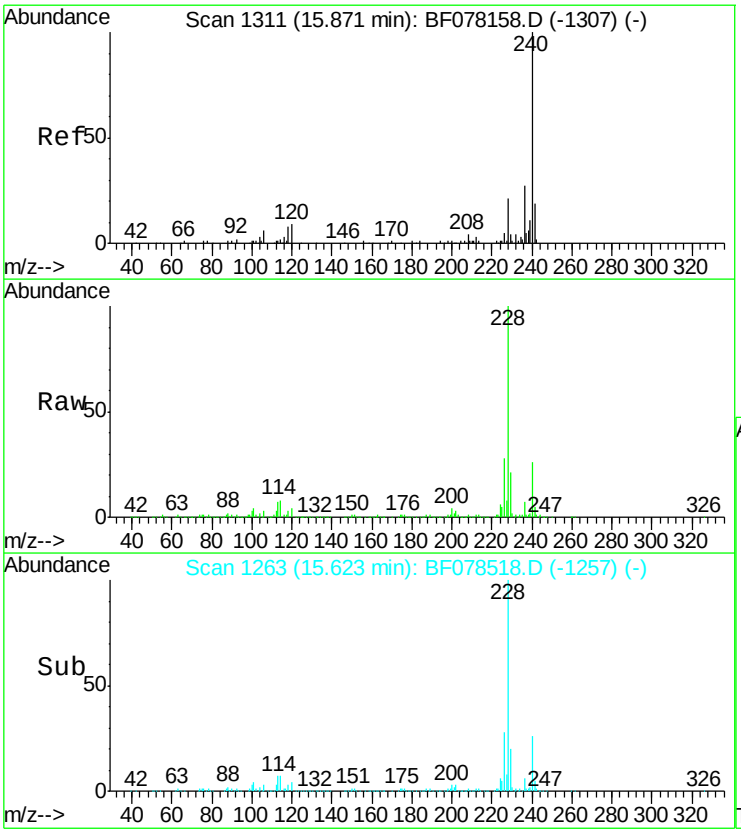
#74
Fluoranthene
Concen: 166.66 ng
RT: 13.86 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

Tgt Ion:202 Resp: 891189

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	35.2
203	18.1	0.0	38.5

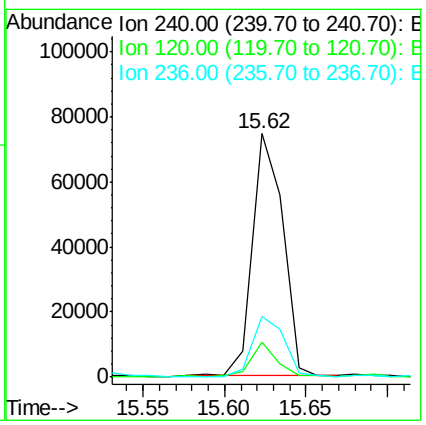


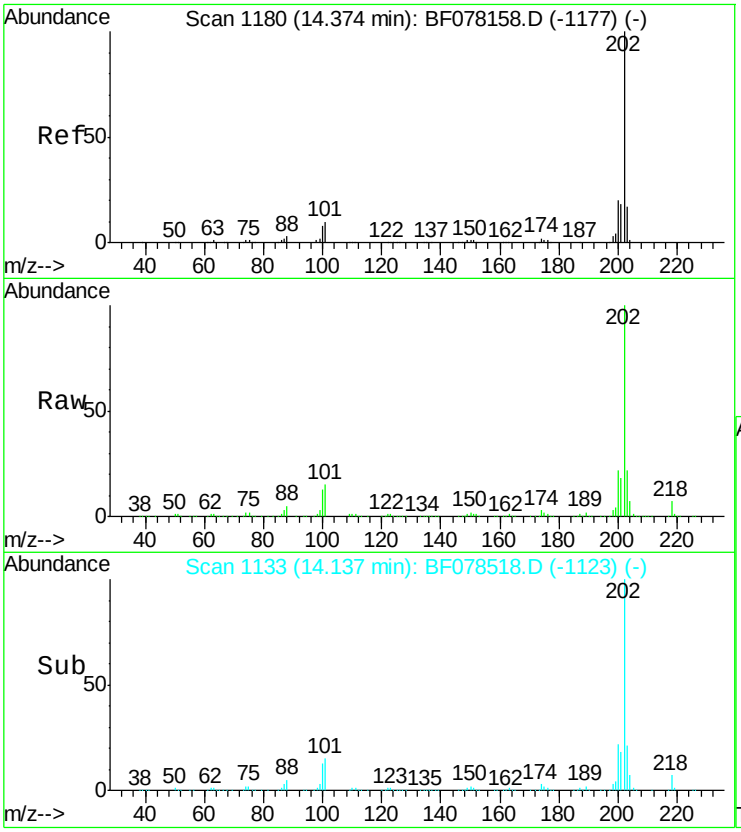


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.03 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion:240 Resp: 96045

Ion	Ratio	Lower	Upper
240	100		
120	14.5	7.1	10.7#
236	25.1	21.4	32.2



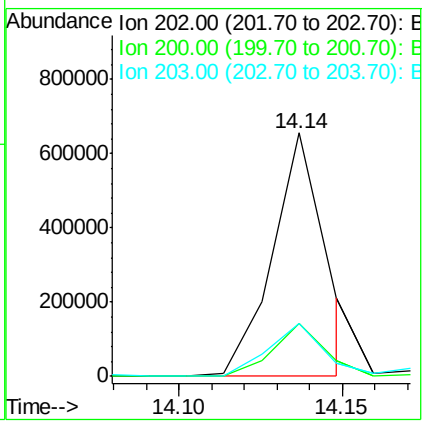


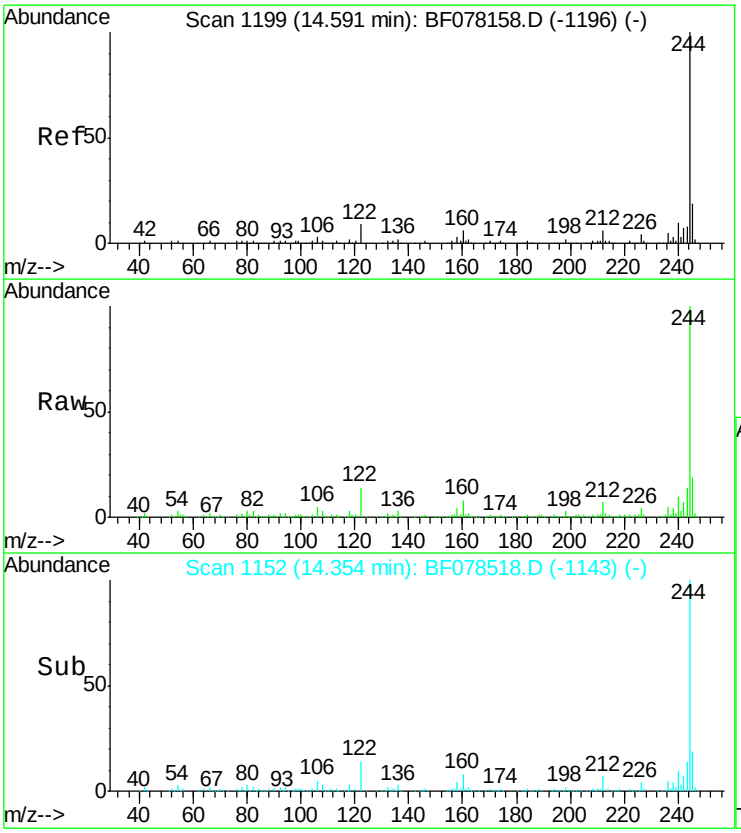
#77
Pyrene
Concen: 121.96 ng
RT: 14.14 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

Tgt Ion:202 Resp: 735328

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.3	24.5
203	22.0	13.8	20.6#

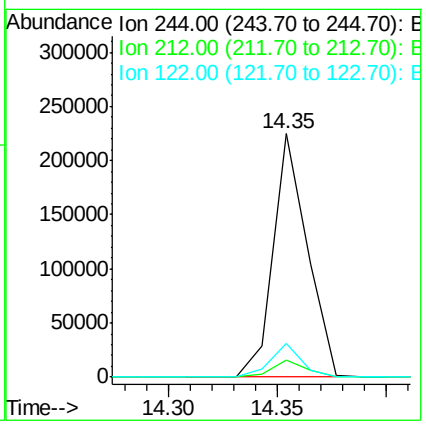


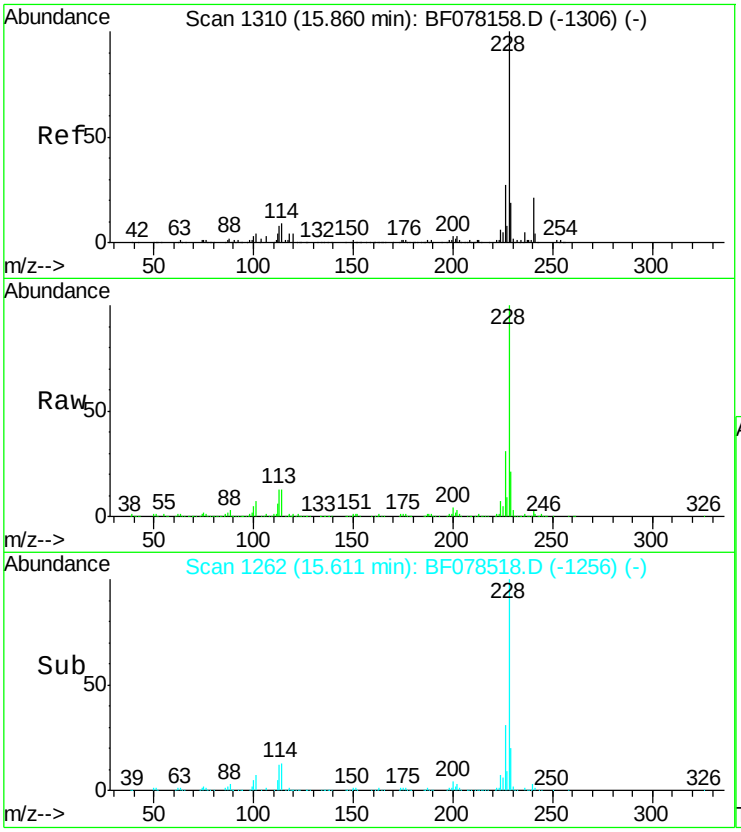


#78
Terphenyl-d14
Concen: 58.12 ng
RT: 14.35 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion:244 Resp: 247044

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.0	7.4
122	14.0	7.1	10.7#



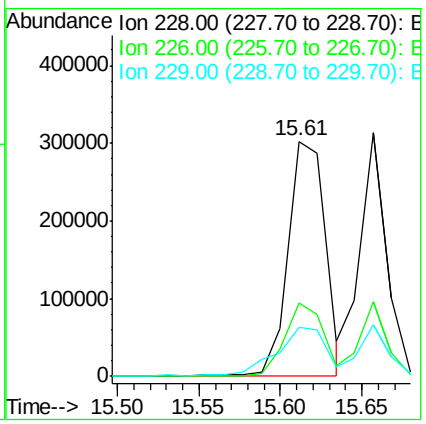


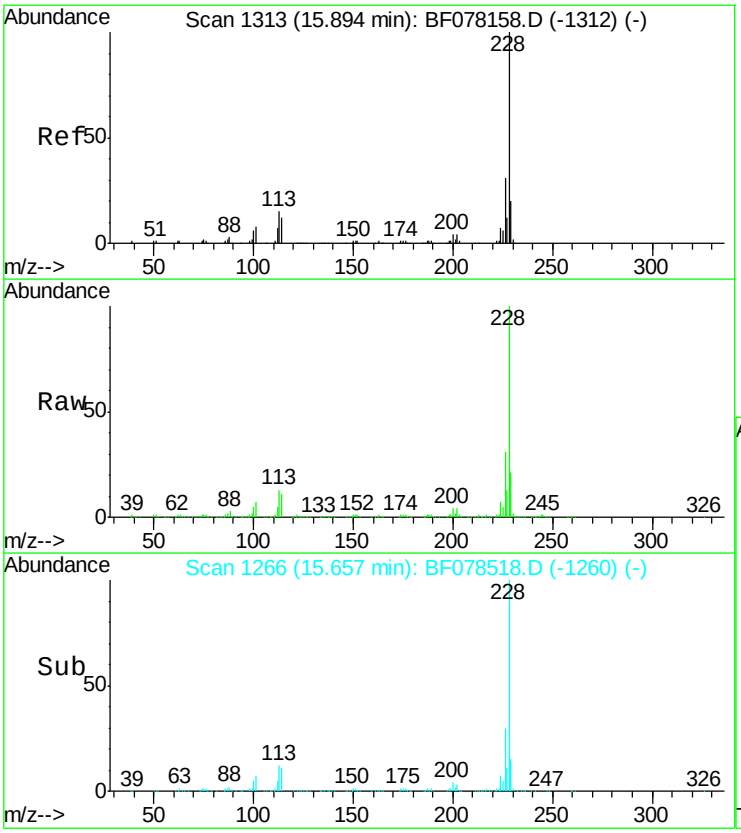
#80
Benzo(a)anthracene
Concen: 84.37 ng
RT: 15.61 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

Tgt Ion:228 Resp: 482115

Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.3	31.9
229	20.6	15.4	23.2

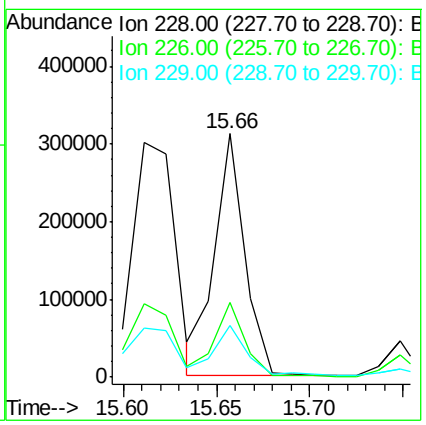


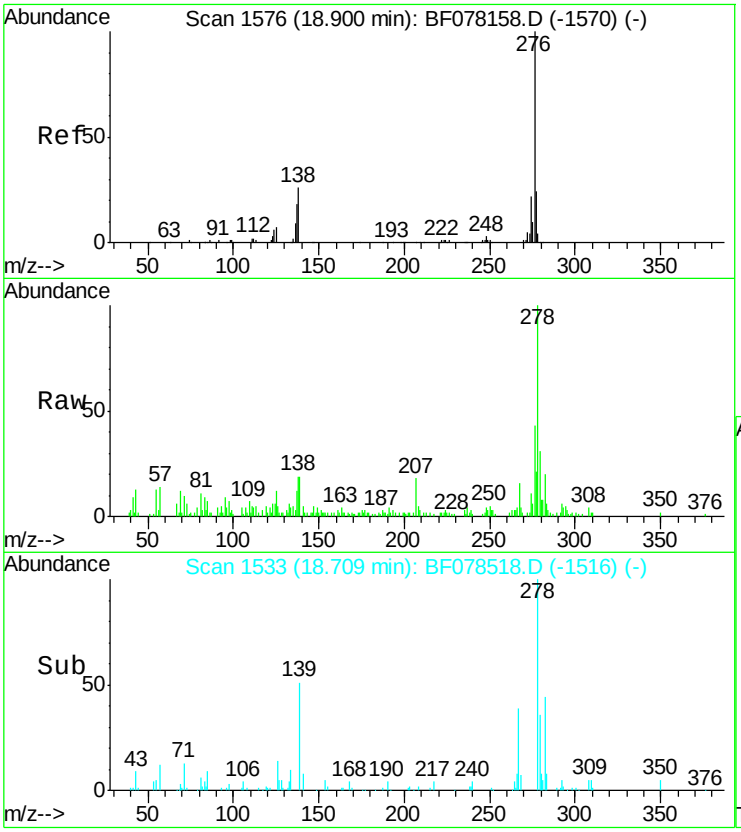


#82
Chrysene
Concen: 65.75 ng
RT: 15.66 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion:228 Resp: 353036

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	21.4	15.8	23.8



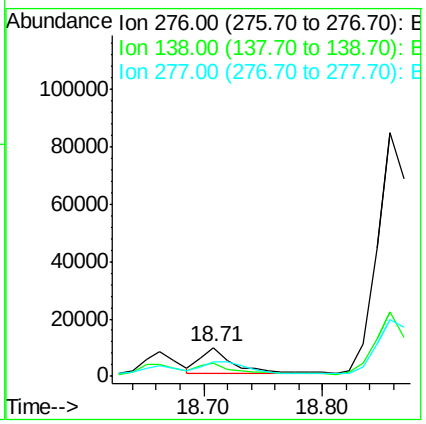


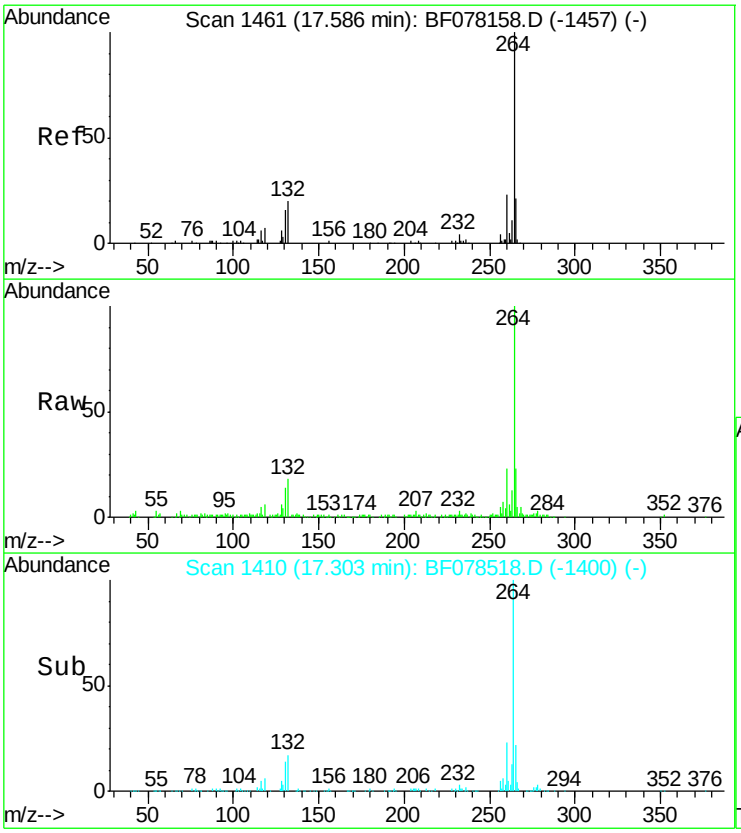
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.74 ng
RT: 18.71 min Scan# 1533
Delta R.T. -0.10 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

Tgt Ion:276 Resp: 16685

Ion	Ratio	Lower	Upper
276	100		
138	44.1	16.9	25.3#
277	65.7	15.8	23.6#

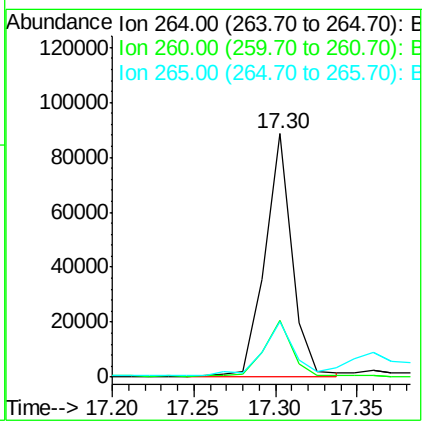


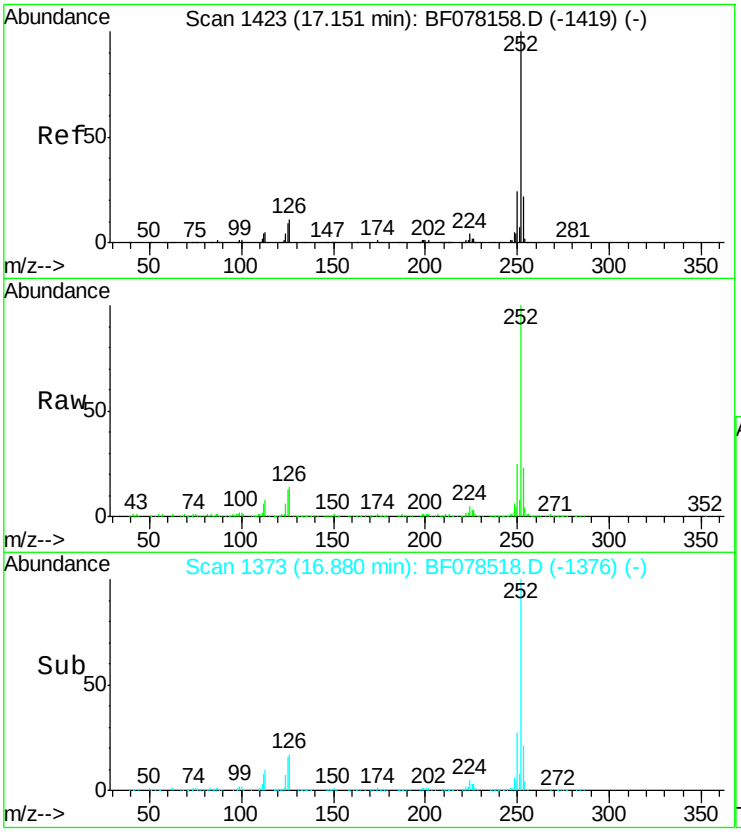


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.30 min Scan# 1410
Delta R.T. -0.18 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion:264 Resp: 103588

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	22.6	17.0	25.6



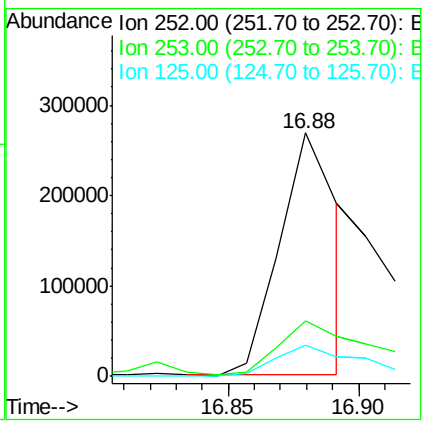


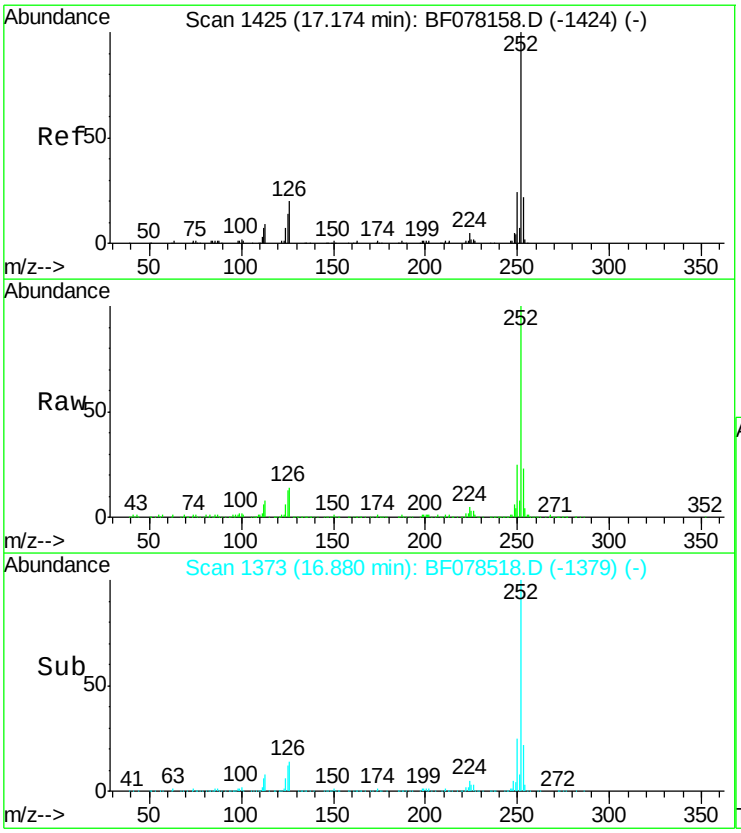
#87
Benzo(b)fluoranthene
Concen: 64.49 ng
RT: 16.88 min Scan# 1373
Delta R.T. -0.14 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

Tgt Ion:252 Resp: 412886

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	12.6	7.0	10.4#

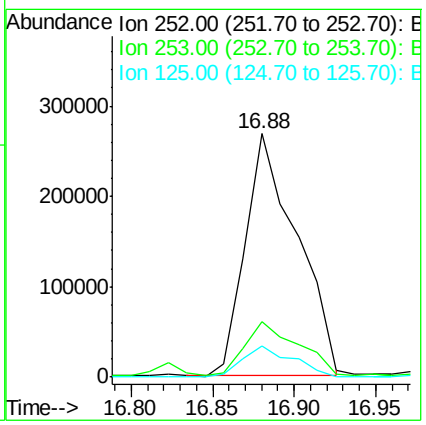


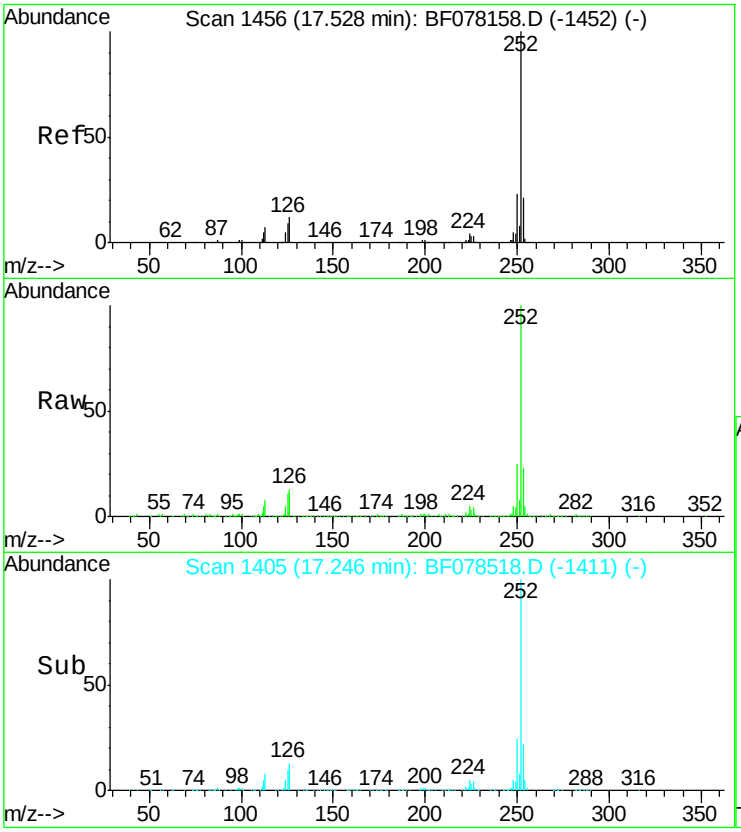


#88
Benzo(k)fluoranthene
Concen: 104.42 ng
RT: 16.88 min Scan# 1373
Delta R.T. -0.17 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion:252 Resp: 594095

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	12.6	11.6	17.4



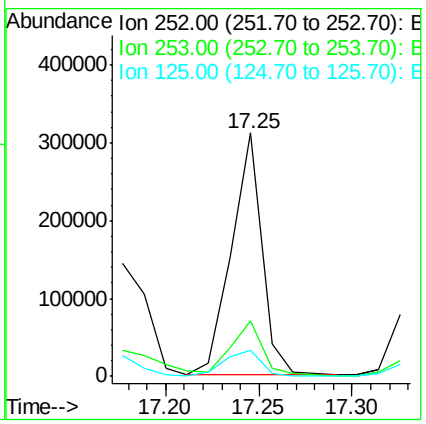


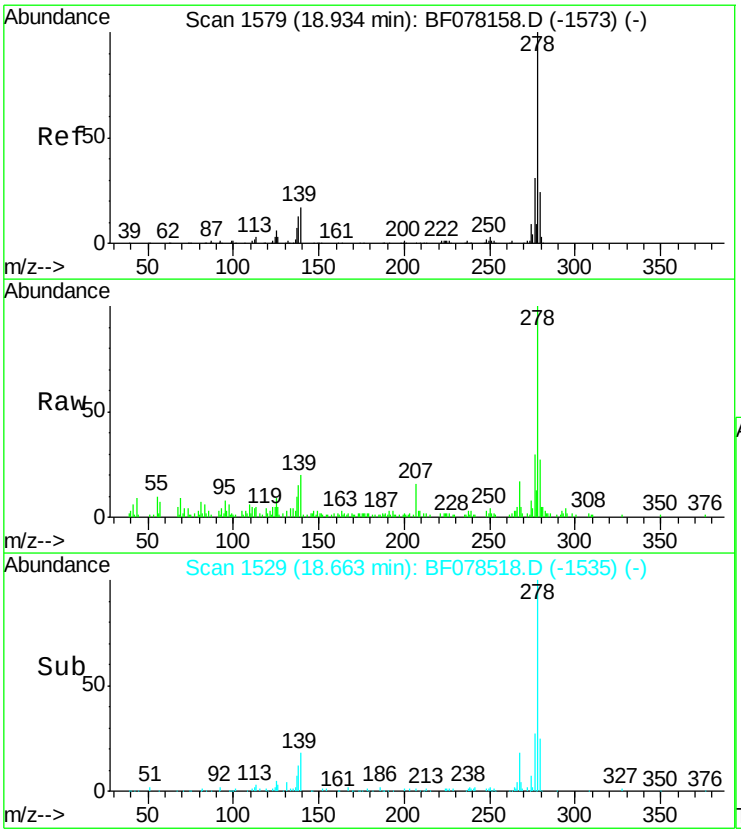
#89
Benzo(a)pyrene
Concen: 63.76 ng
RT: 17.25 min Scan# 1405
Delta R.T. -0.17 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

Tgt Ion:252 Resp: 356271

Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.8	25.2
125	10.6	7.4	11.0





#90
Dibenzo(a,h)anthracene
Concen: 8.84 ng
RT: 18.66 min Scan# 1529
Delta R.T. -0.17 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion:278 Resp: 49449

Ion	Ratio	Lower	Upper
278	100		
139	19.8	13.6	20.4
279	27.3	19.0	28.6