Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078515.D
Acq On : 14 Apr 2015 22:51
Operator : TP/IZ
Sample : G1828-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-SB01A

Quant Time: Apr 15 01:26:37 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	22035	20.00	ng		0.00
21) Naphthalene-d8	8.38	136	93505	20.00	ng		-0.01
38) Acenaphthene-d10	10.54	164	49095	20.00	ng		0.00
63) Phenanthrene-d10	12.36	188	101740	20.00	ng		0.00
75) Chrysene-d12	15.63	240	109815	20.00	ng		-0.02
86) Perylene-d12	17.35	264	117521	20.00	ng		-0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	123189	92.18	ng		0.00
7) Phenol-d6	6.41	99	199625	119.19	ng		0.00
23) Nitrobenzene-d5	7.51	82	124894	80.96	ng		0.00
41) 2,4,6-Tribromophenol	11.52	330	56156	137.92	ng		0.00
44) 2-Fluorobiphenyl	9.74	172	257442	74.96	ng		0.00
78) Terphenyl-d14	14.35	244	354927	73.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.60	88	29795	49.30	ng	#	23
10) Phenol	6.43	94	4832	2.41	ng	#	70
31) Naphthalene	8.41	128	21290	4.37	ng		99
32) Benzoic acid	8.19	122	388	6.30	ng	#	70
37) 2-Methylnaphthalene	9.27	142	10193	3.08	ng		97
48) Acenaphthylene	10.36	152	38816	7.61	ng		99
49) Dimethylphthalate	10.25	163	11489	3.11	ng	#	95
51) Acenaphthene	10.58	154	11870	4.13	ng		97
54) Dibenzofuran	10.80	168	19183	4.37	ng		94
55) 4-Nitrophenol	10.80	139	7315	13.88	ng	#	18
57) Fluorene	11.21	166	22542	6.34	ng		96
70) Phenanthrene	12.40	178	335283	56.97	ng		98
71) Anthracene	12.46	178	117638	20.29	ng		99
72) Carbazole	12.67	167	57690	10.61	ng		100
74) Fluoranthene	13.86	202	510986	82.33	ng		93
77) Pyrene	14.14	202	449287	65.17	ng		97
80) Benzo(a)anthracene	15.62	228	277327	42.45	ng		98
82) Chrysene	15.66	228	241184	39.29	ng		97
83) Bis(2-ethylhexyl)phthalate	15.71	149	12678	3.08	ng		97
87) Benzo(b)fluoranthene	16.90	252	339850	46.79	ng	#	92
88) Benzo(k)fluoranthene	16.90	252	437117	67.72	ng		98
89) Benzo(a)pyrene	17.28	252	229936	36.27	ng	#	92
90) Dibenzo(a,h)anthracene	18.65	278	13263	2.09	ng	#	69

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078515.D
Acq On : 14 Apr 2015 22:51
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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HS-SB01A

Quant Time: Apr 15 01:26:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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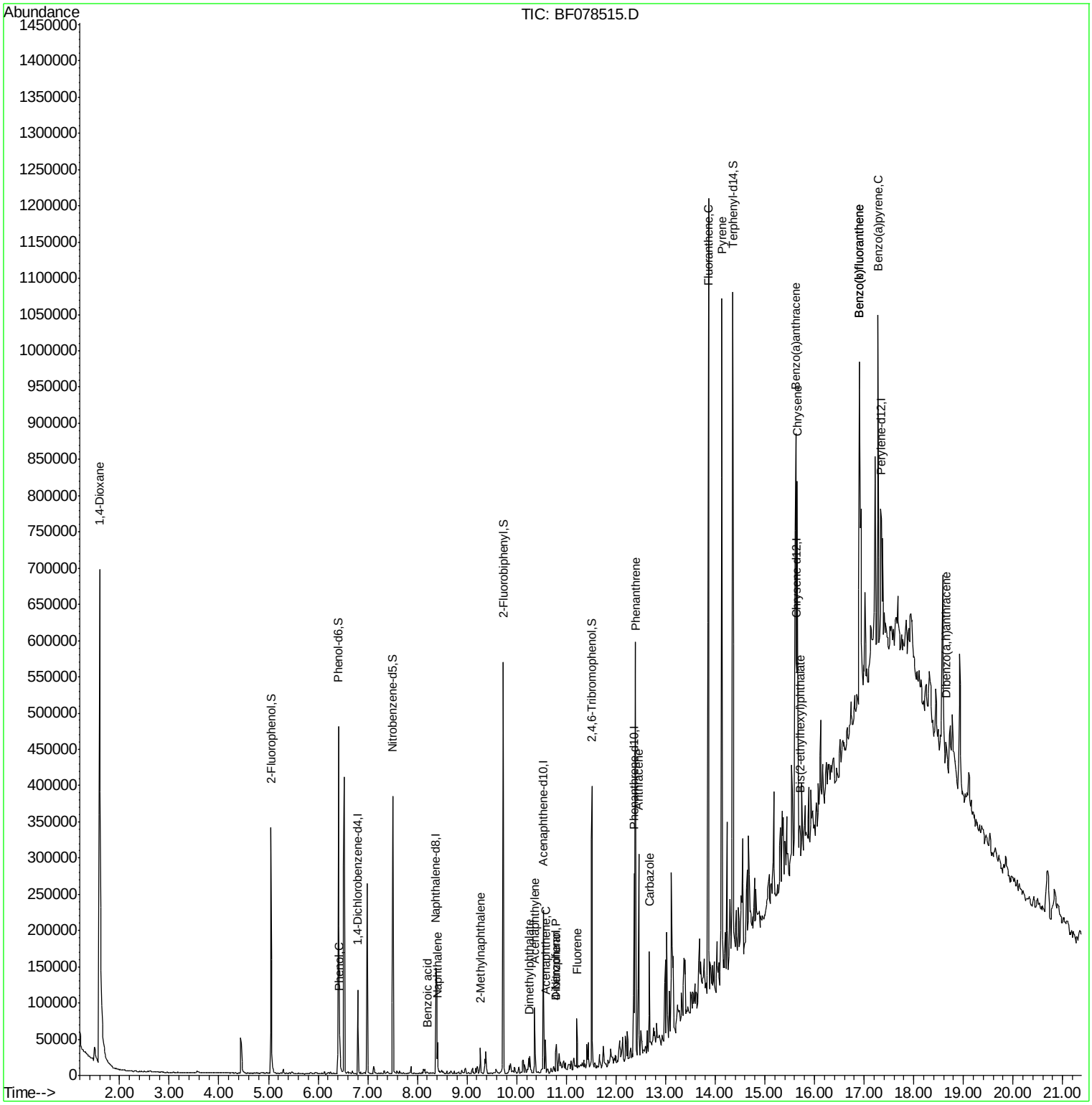
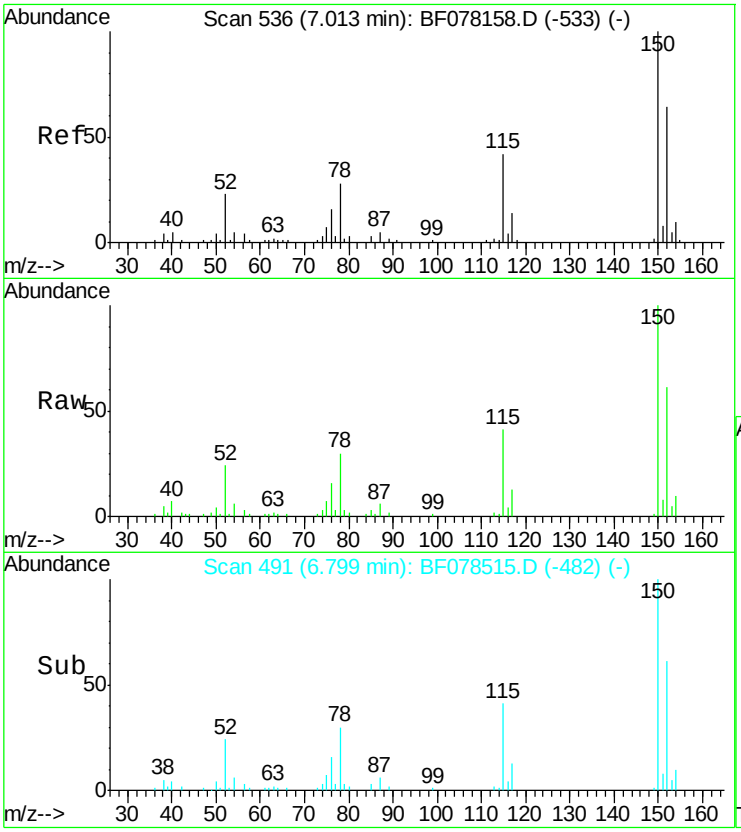


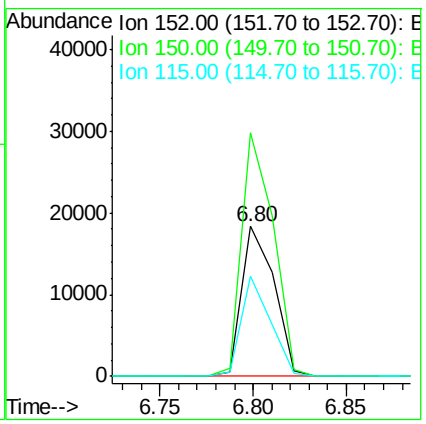


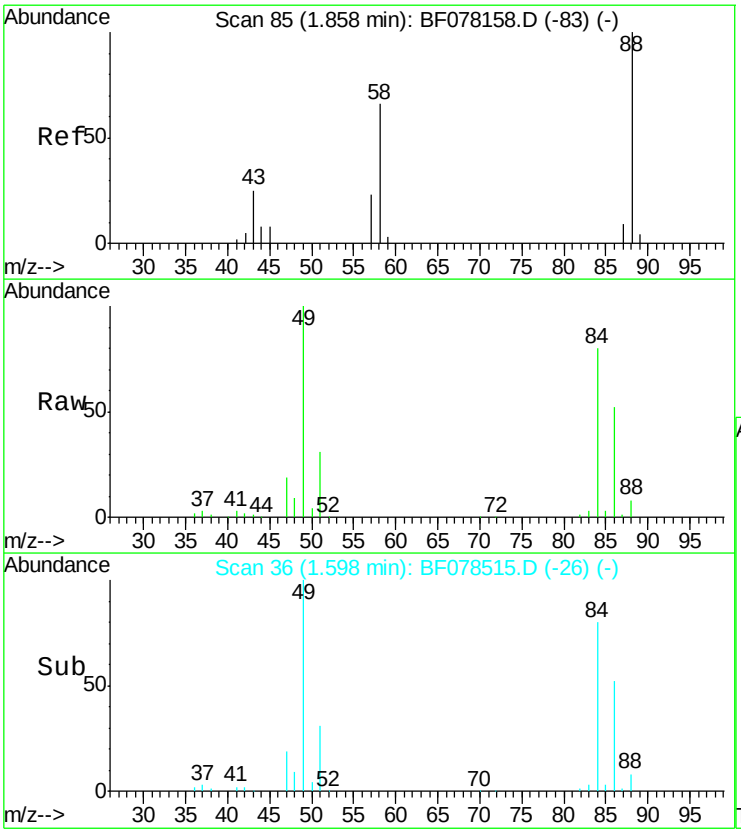
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Instrument :
BNA_F
ClientSampleId :
HS-SB01A

Tgt Ion:152 Resp: 22035

Ion	Ratio	Lower	Upper
152	100		
150	162.7	125.9	188.9
115	67.2	52.7	79.1

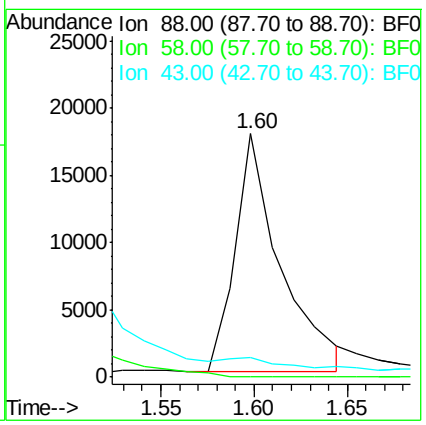


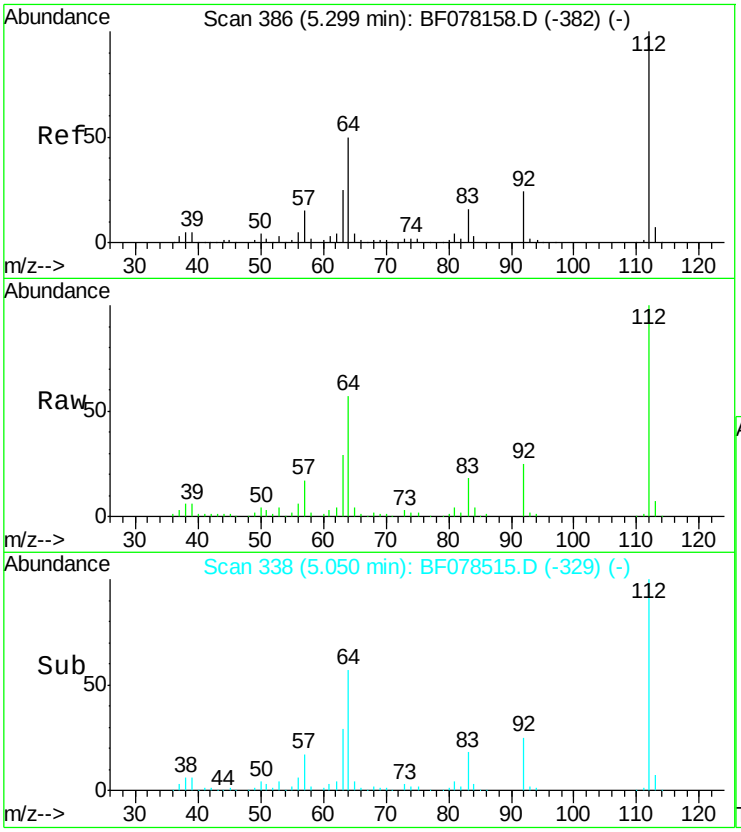


#2
1,4-Dioxane
Concen: 49.30 ng
RT: 1.60 min Scan# 36
Delta R.T. 0.01 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Tgt Ion: 88 Resp: 29795

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



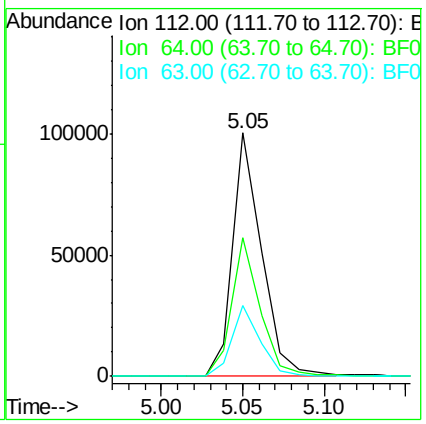


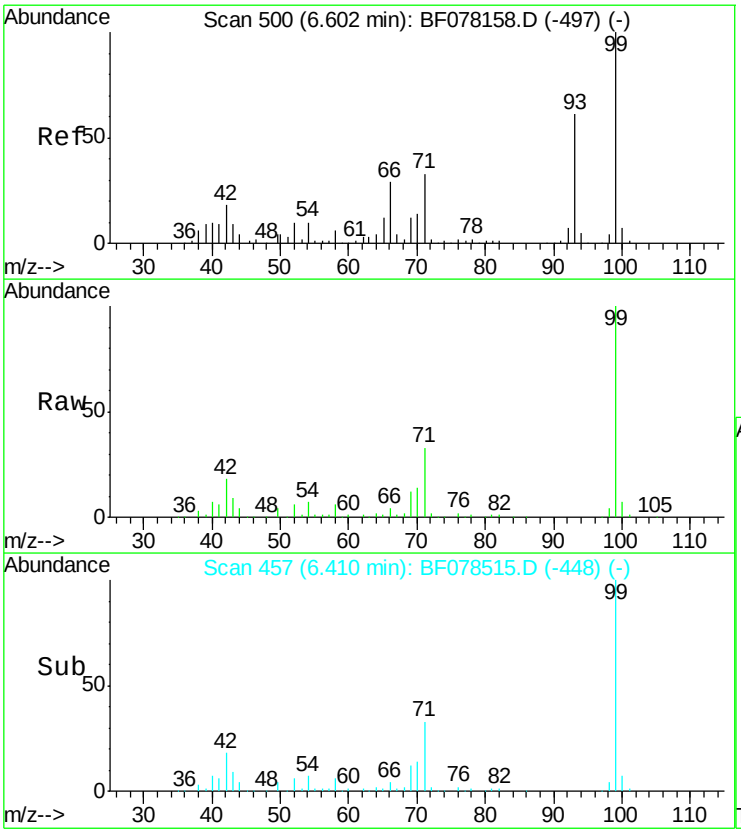
#5
2-Fluorophenol
Concen: 92.18 ng
RT: 5.05 min Scan# 338
Delta R.T. -0.00 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Instrument :
BNA_F
ClientSampleId :
HS-SB01A

Tgt Ion:112 Resp: 123189

Ion	Ratio	Lower	Upper
112	100		
64	57.1	39.9	59.9
63	29.1	20.2	30.4

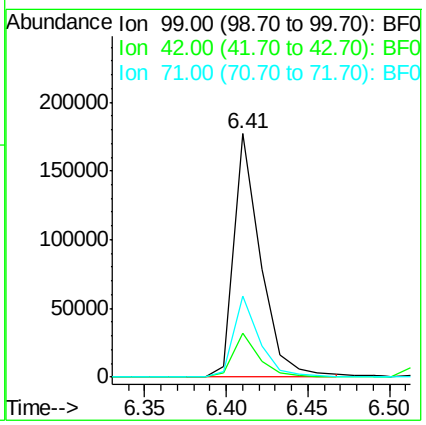


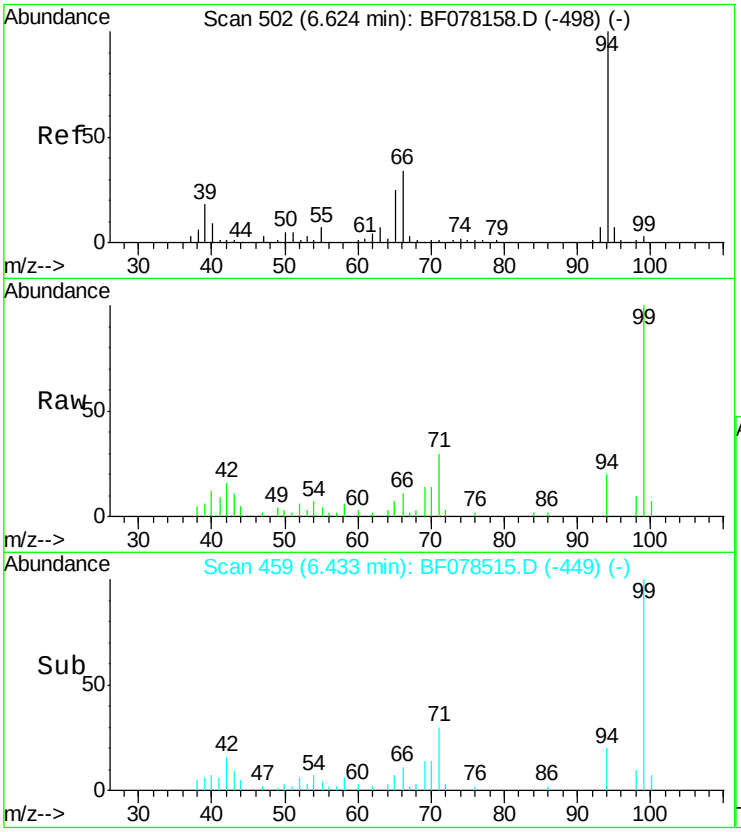


#7
Phenol-d6
Concen: 119.19 ng
RT: 6.41 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Tgt Ion: 99 Resp: 199625

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.8	22.2
71	33.5	26.6	39.8



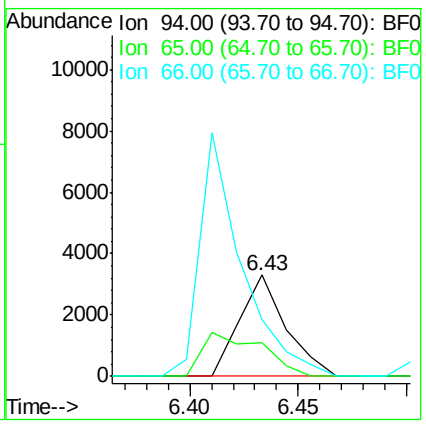


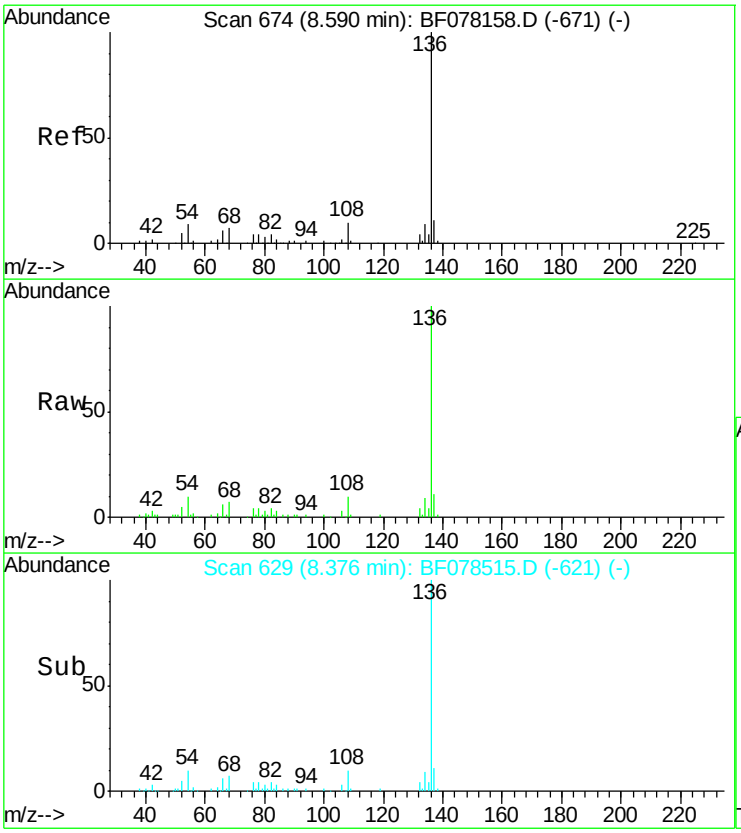
#10
Phenol
Concen: 2.41 ng
RT: 6.43 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Instrument :
BNA_F
ClientSampleId :
HS-SB01A

Tgt Ion: 94 Resp: 4832

Ion	Ratio	Lower	Upper
94	100		
65	33.2	4.9	44.9
66	56.7	13.8	53.8#

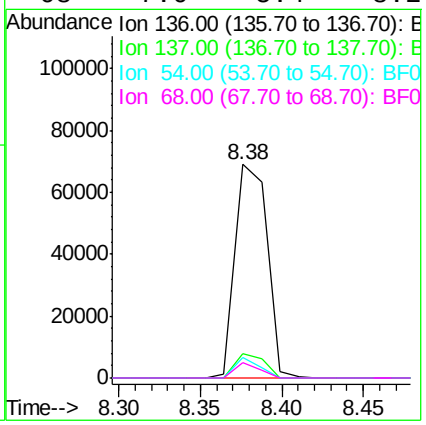


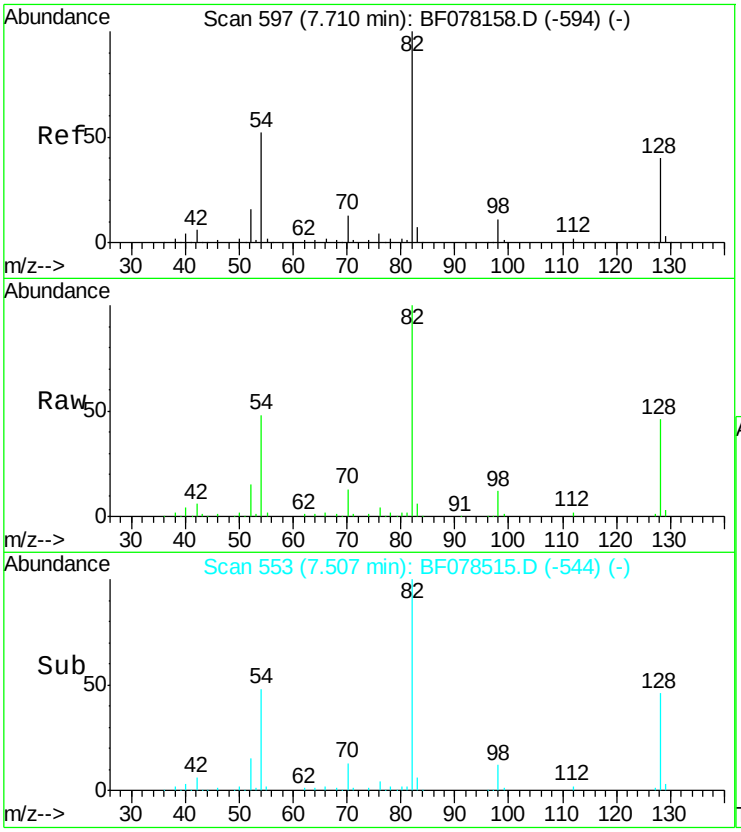


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.38 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Tgt Ion:136 Resp: 93505

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	9.5	7.0	10.6
68	7.0	5.4	8.2



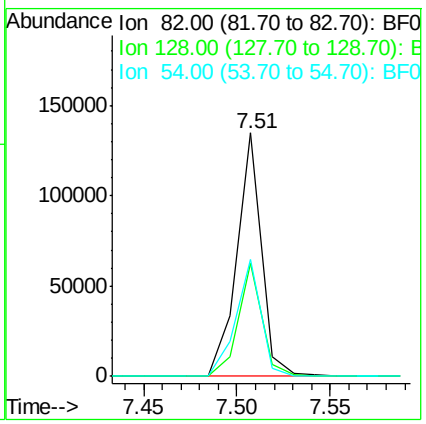


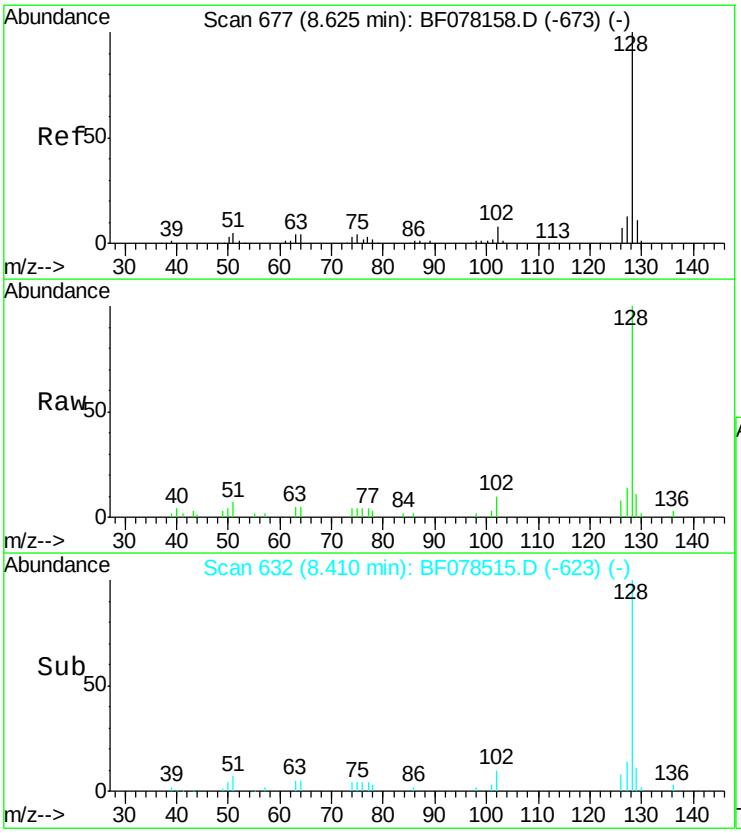
#23
Nitrobenzene-d5
Concen: 80.96 ng
RT: 7.51 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Instrument :
BNA_F
ClientSampleId :
HS-SB01A

Tgt Ion: 82 Resp: 124894

Ion	Ratio	Lower	Upper
82	100		
128	46.3	31.8	47.8
54	48.0	41.5	62.3

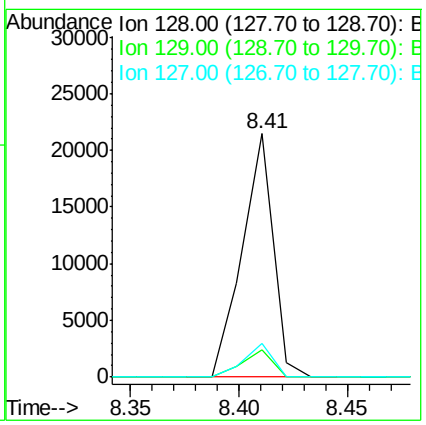


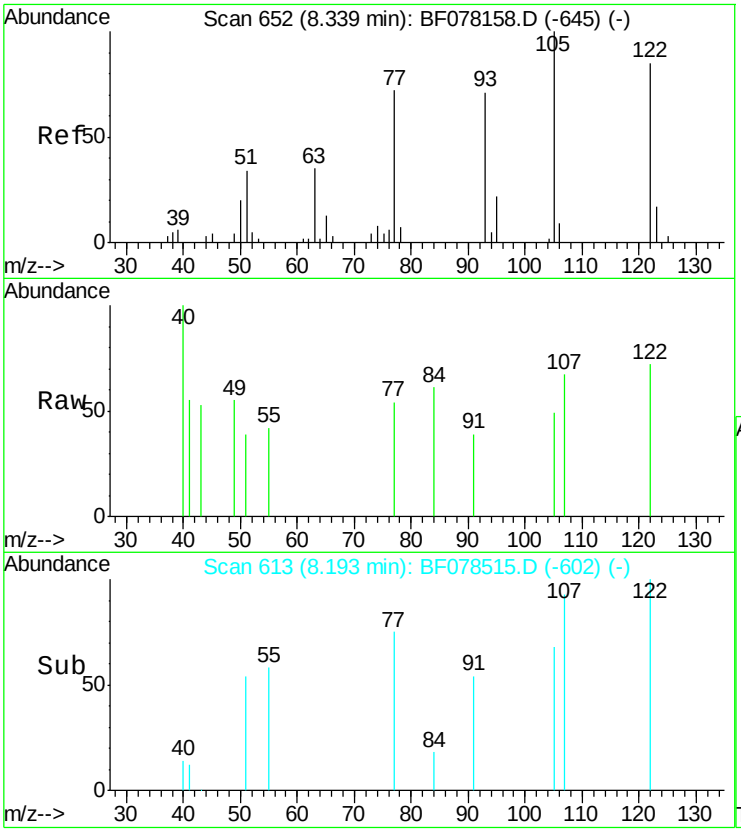


#31
Naphthalene
Concen: 4.37 ng
RT: 8.41 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Tgt Ion:128 Resp: 21290

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.8	10.7	16.1



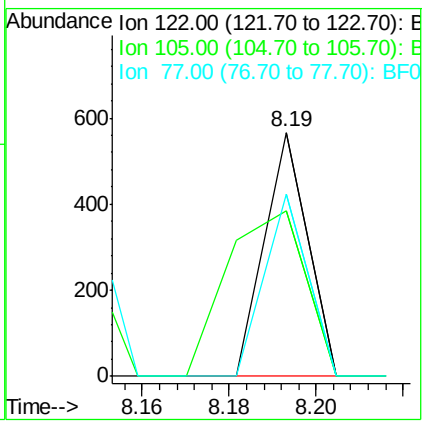


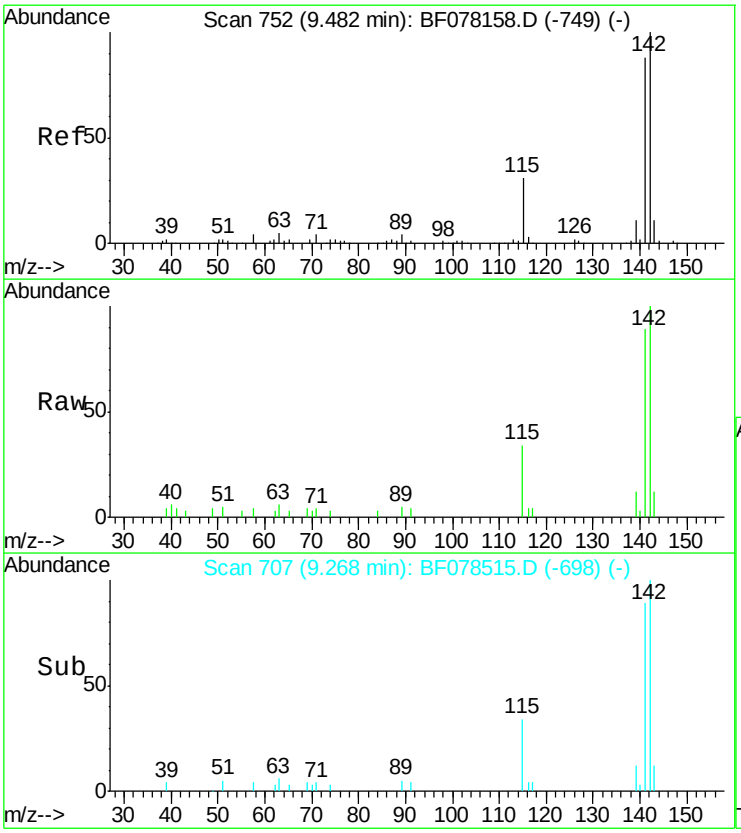
#32
Benzoic acid
Concen: 6.30 ng
RT: 8.19 min Scan# 613
Delta R.T. 0.02 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Instrument :
BNA_F
ClientSampleId :
HS-SB01A

Tgt Ion:122 Resp: 388

Ion	Ratio	Lower	Upper
122	100		
105	68.0	96.1	136.1#
77	74.9	64.1	104.1

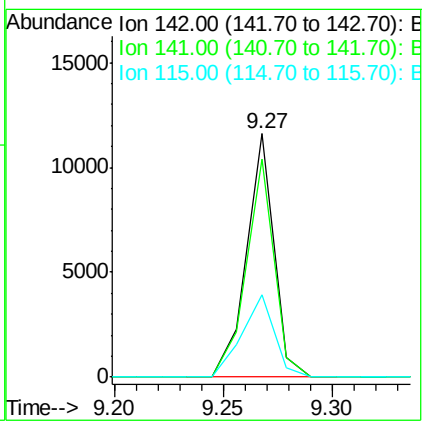


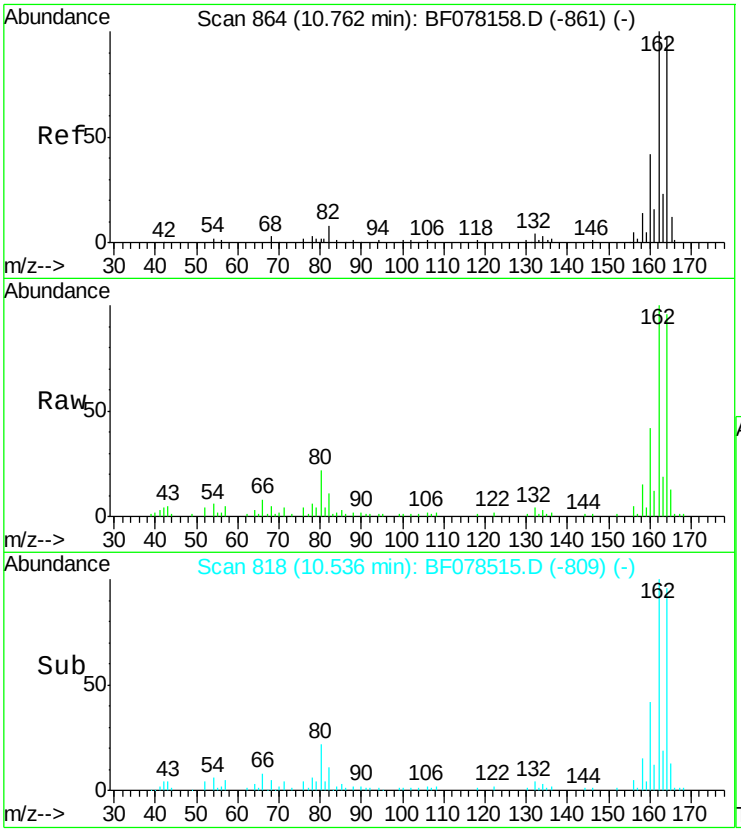


#37
2-Methylnaphthalene
Concen: 3.08 ng
RT: 9.27 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Tgt Ion:142 Resp: 10193

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5
115	33.8	24.6	37.0



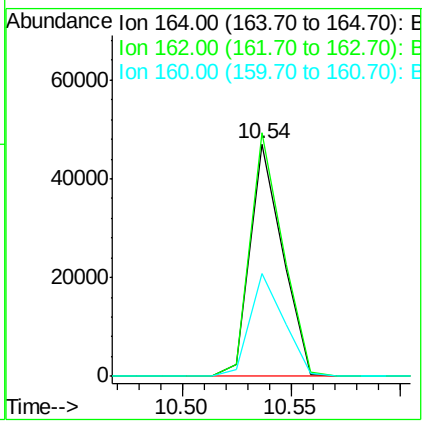


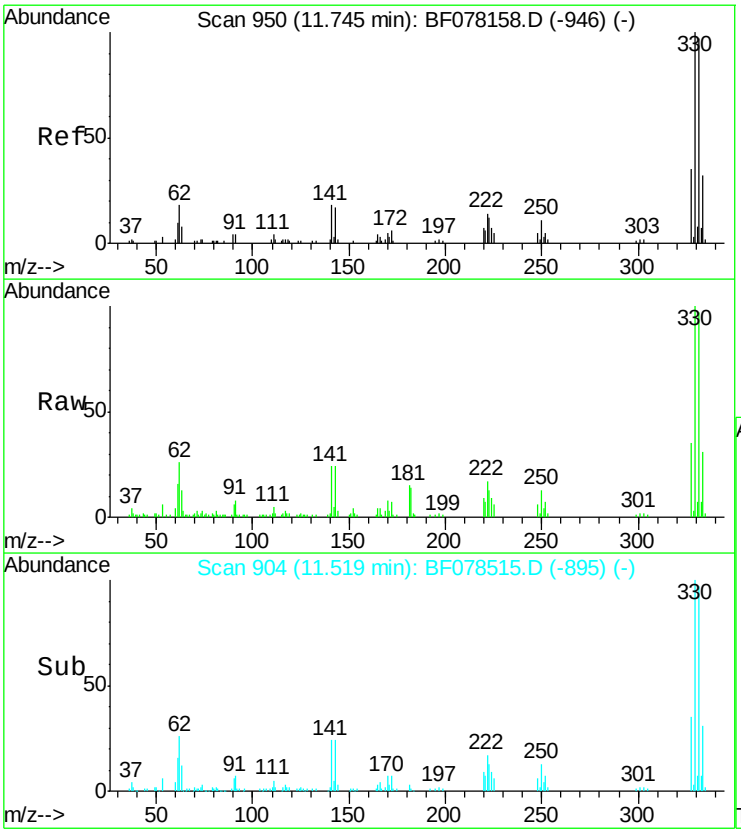
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.54 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Instrument :
BNA_F
ClientSampleId :
HS-SB01A

Tgt Ion:164 Resp: 49095

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.2	123.2
160	44.4	34.7	52.1

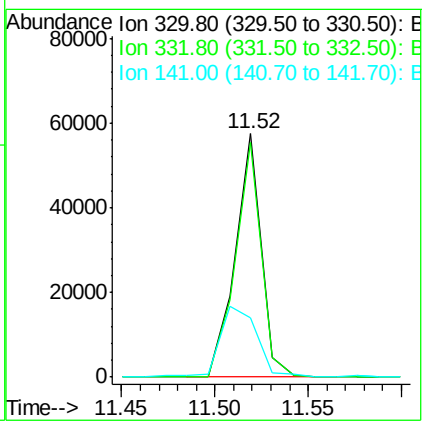


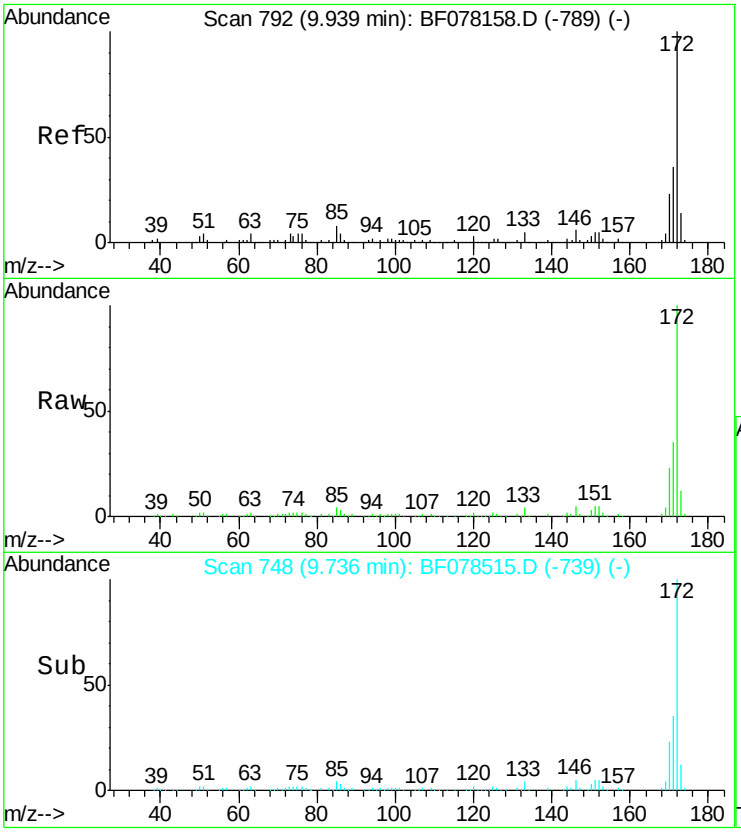


#41
2,4,6-Tribromophenol
Concen: 137.92 ng
RT: 11.52 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Tgt Ion:330 Resp: 56156

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.6	117.8
141	41.6	31.2	46.8



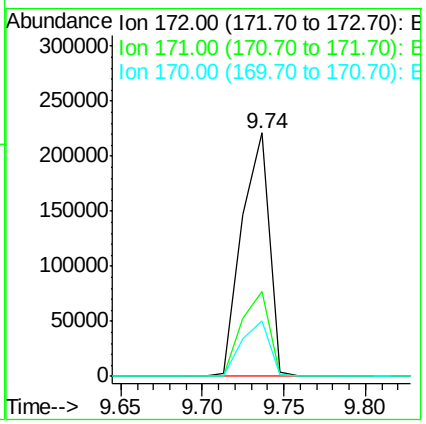


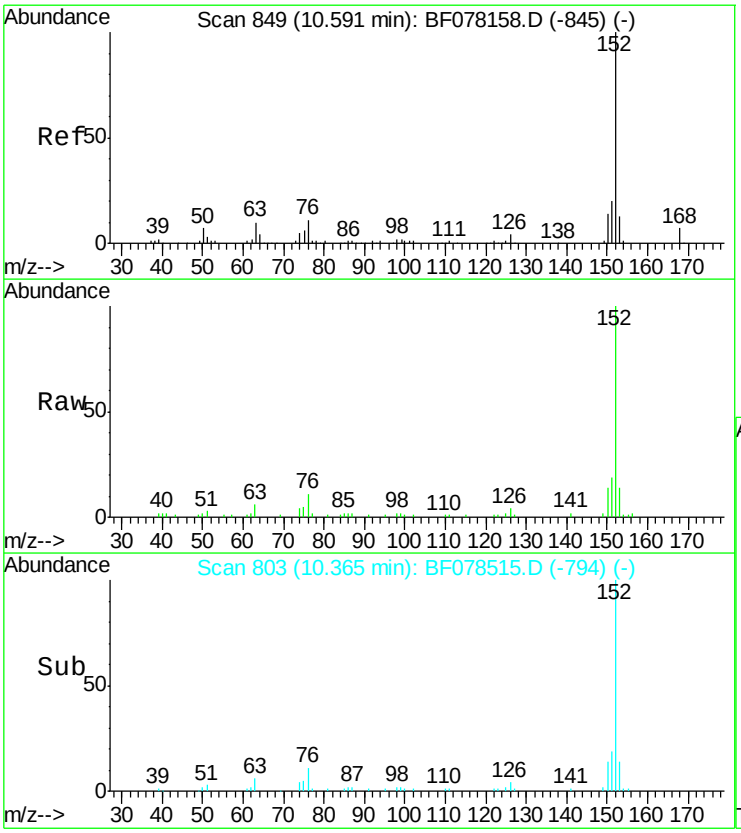
#44
2-Fluorobiphenyl
Concen: 74.96 ng
RT: 9.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Instrument :
BNA_F
ClientSampleId :
HS-SB01A

Tgt Ion:172 Resp: 257442

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	42.8
170	22.6	18.5	27.7

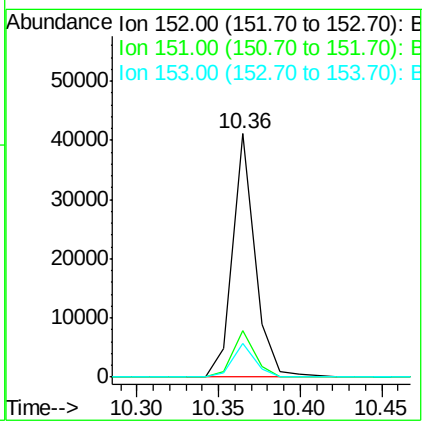


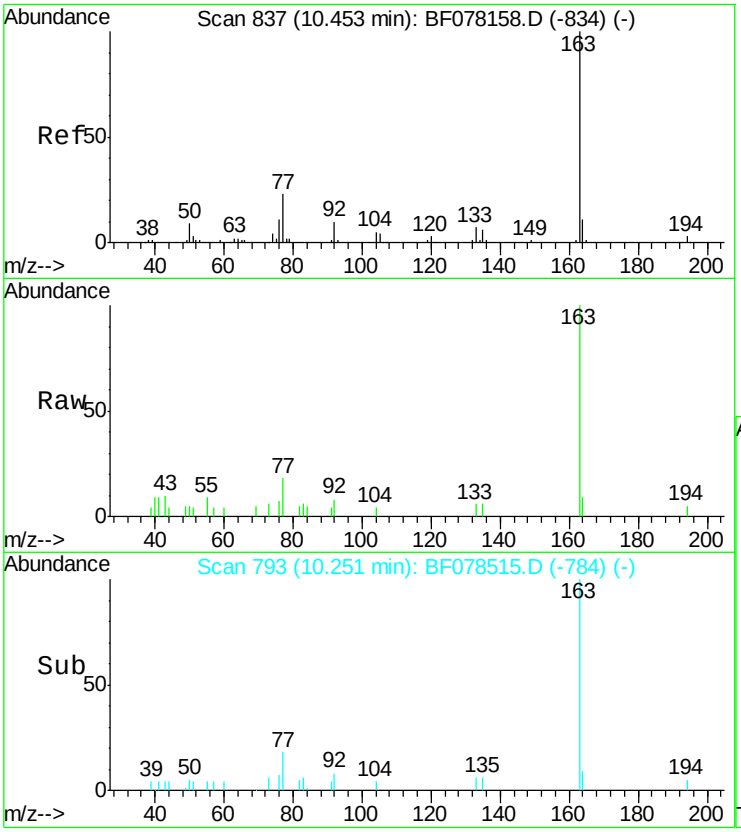


#48
Acenaphthylene
Concen: 7.61 ng
RT: 10.36 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Tgt Ion:152 Resp: 38816

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	13.7	10.2	15.2



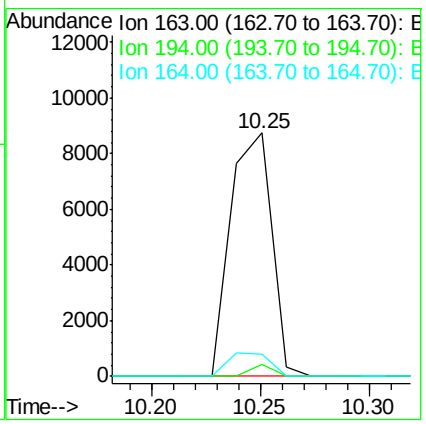


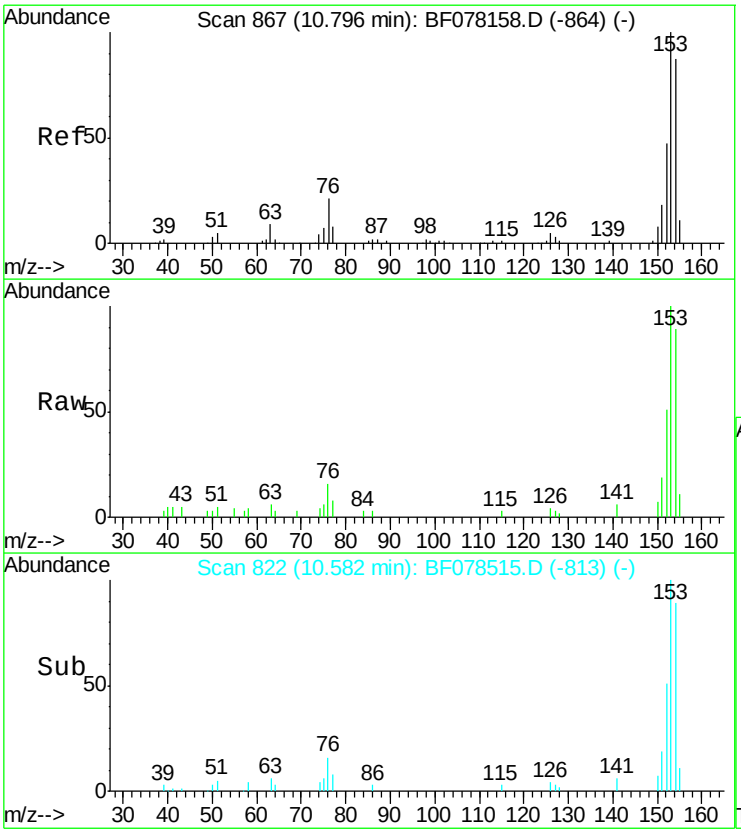
#49
Dimethylphthalate
Concen: 3.11 ng
RT: 10.25 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Instrument :
BNA_F
ClientSampleId :
HS-SB01A

Tgt Ion:163 Resp: 11489

Ion	Ratio	Lower	Upper
163	100		
194	4.8	2.3	3.5#
164	9.2	8.6	13.0

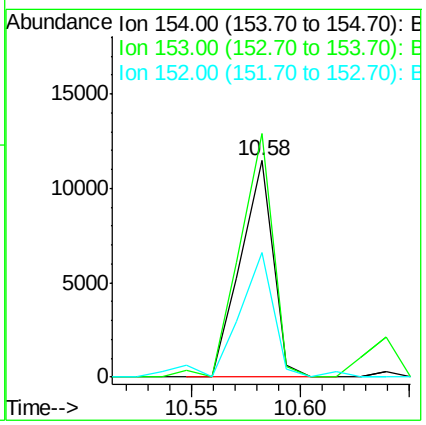


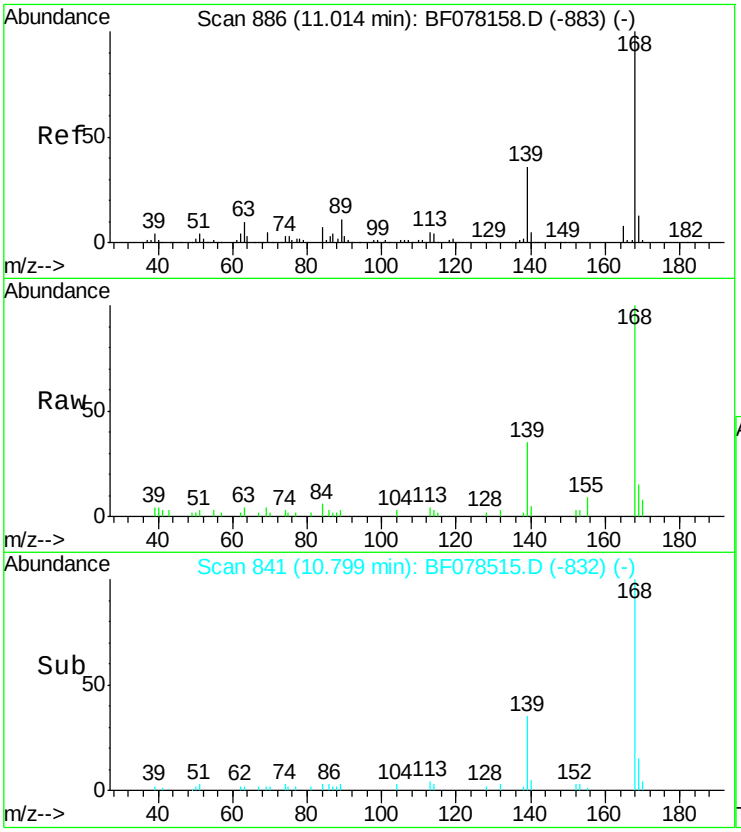


#51
Acenaphthene
Concen: 4.13 ng
RT: 10.58 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Tgt Ion:154 Resp: 11870

Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.4	137.2
152	57.4	43.0	64.6



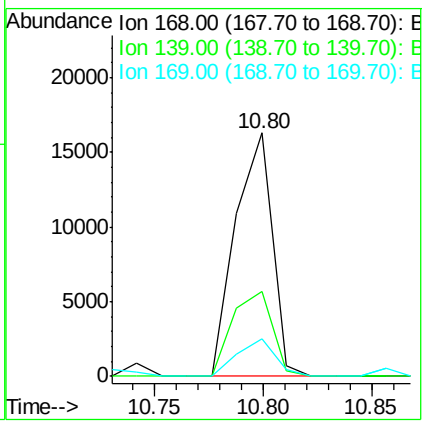


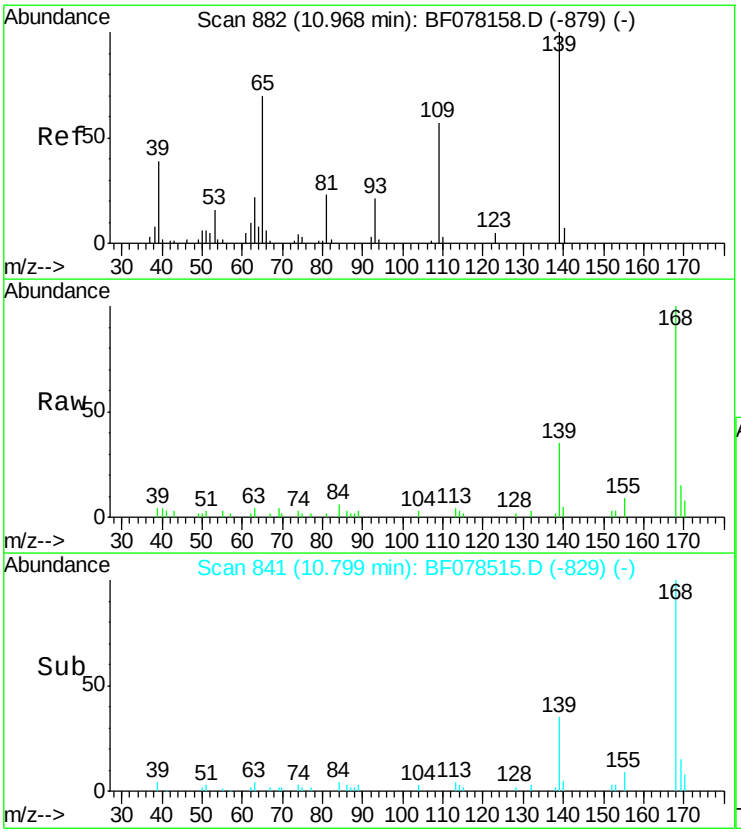
#54
Dibenzofuran
Concen: 4.37 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Instrument :
BNA_F
ClientSampleId :
HS-SB01A

Tgt Ion:168 Resp: 19183

Ion	Ratio	Lower	Upper
168	100		
139	34.9	31.0	46.4
169	15.2	10.7	16.1

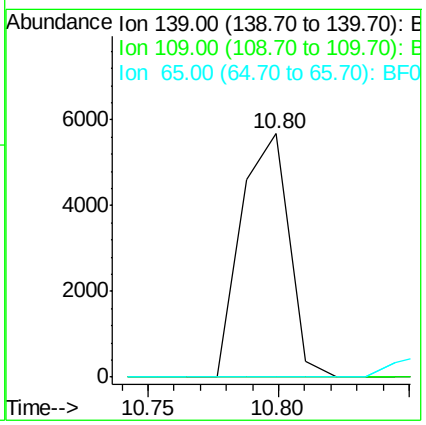


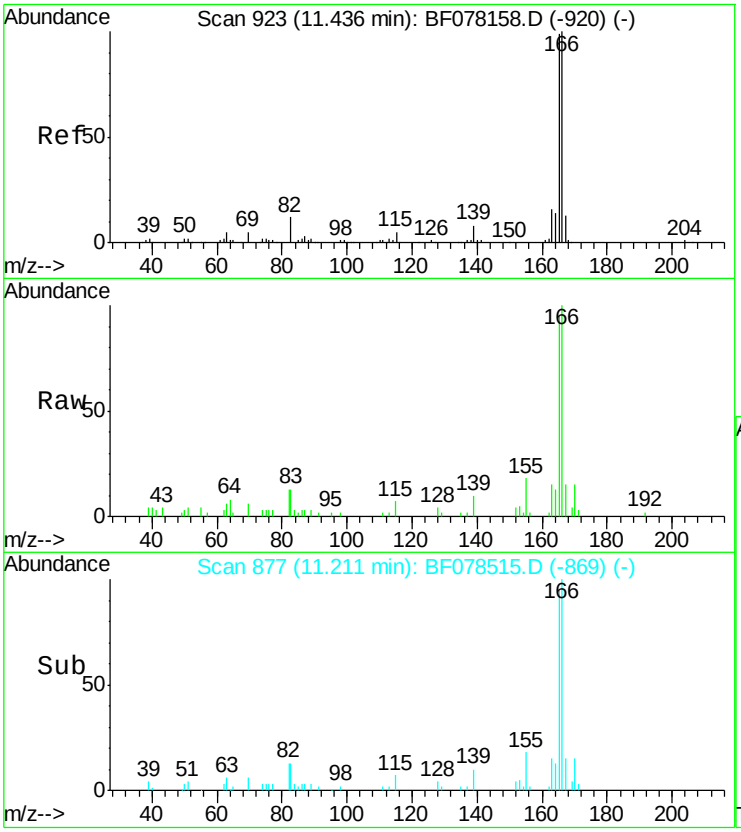


#55
4-Nitrophenol
Concen: 13.88 ng
RT: 10.80 min Scan# 841
Delta R.T. 0.03 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Tgt Ion:139 Resp: 7315

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



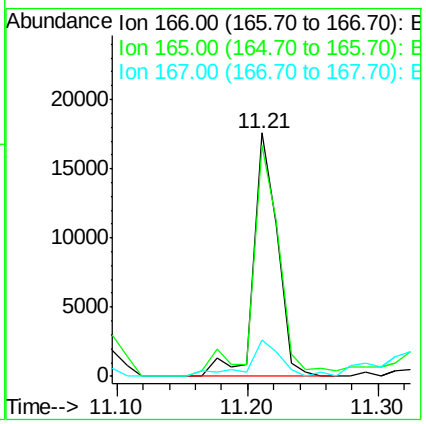


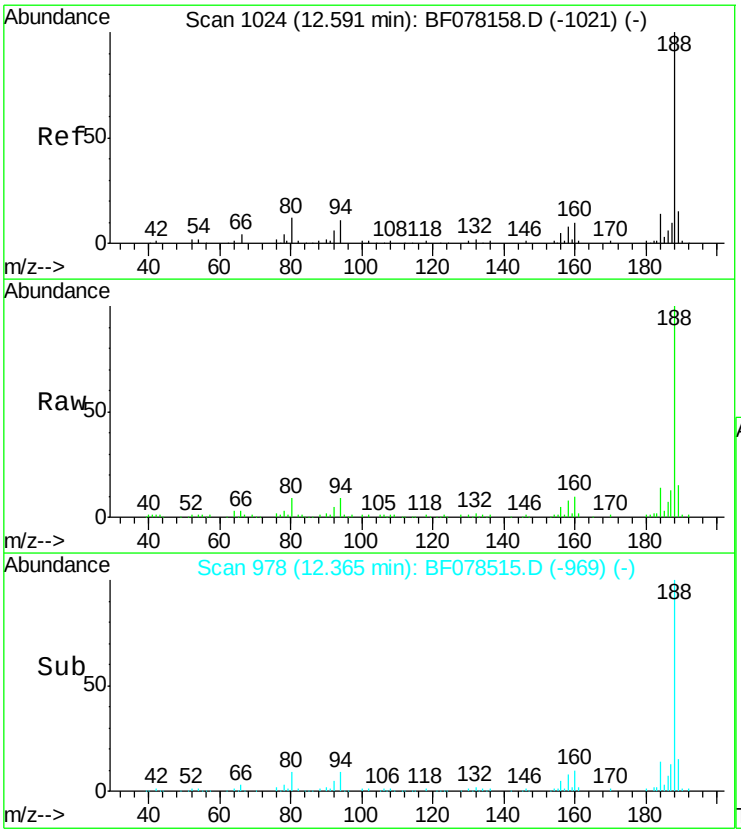
#57
Fluorene
Concen: 6.34 ng
RT: 11.21 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Instrument :
BNA_F
ClientSampleId :
HS-SB01A

Tgt Ion:166 Resp: 22542

Ion	Ratio	Lower	Upper
166	100		
165	94.9	78.9	118.3
167	14.8	10.7	16.1

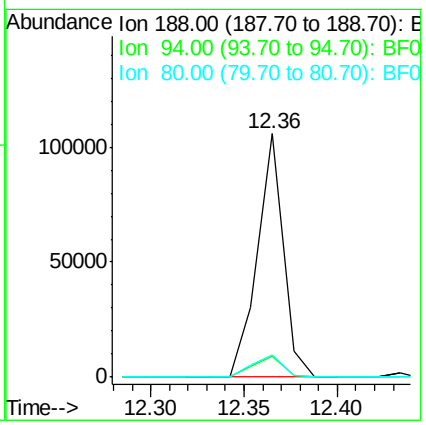


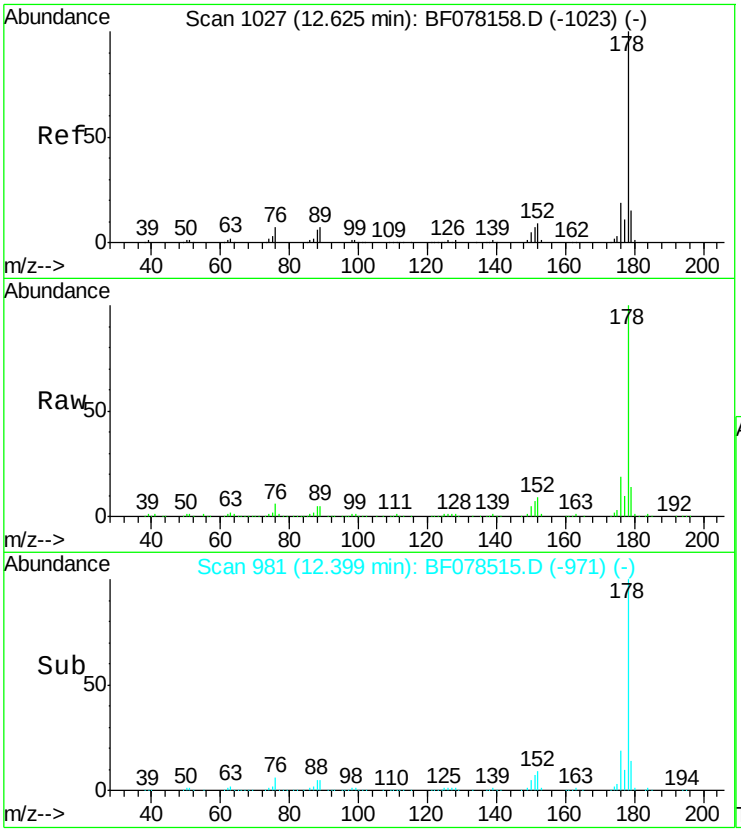


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.36 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Tgt Ion:188 Resp: 101740

Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	9.0	9.5	14.3#



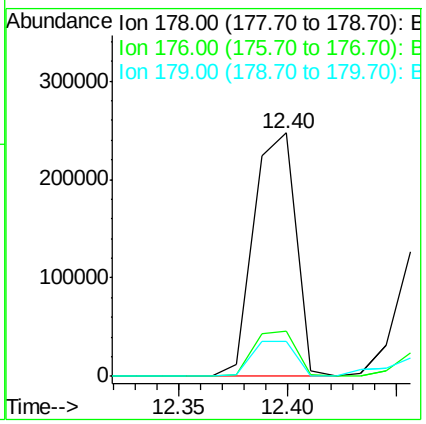


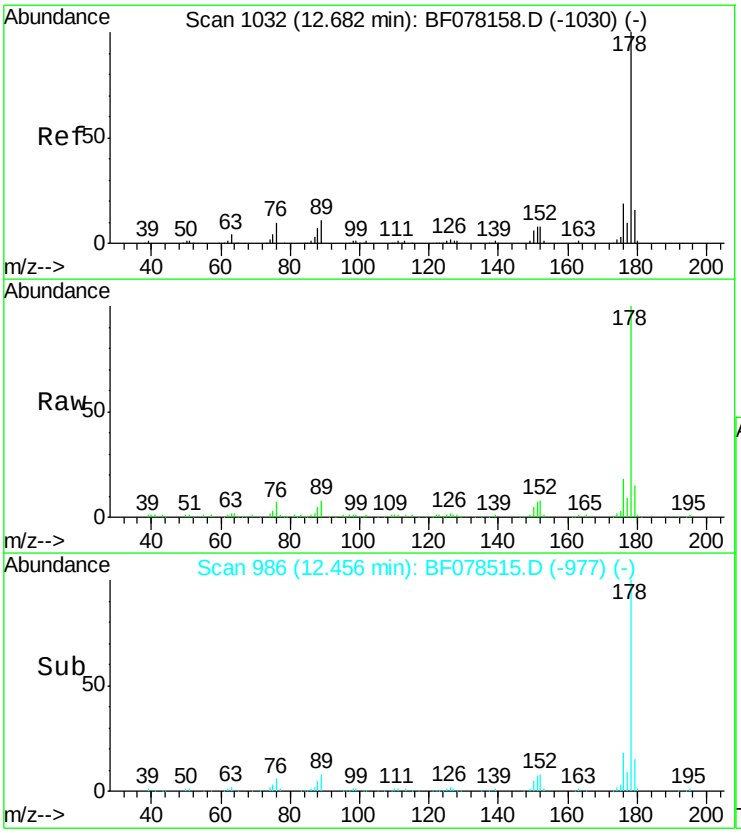
#70
Phenanthrene
Concen: 56.97 ng
RT: 12.40 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Instrument :
BNA_F
ClientSampleId :
HS-SB01A

Tgt Ion:178 Resp: 335283

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	14.3	12.2	18.2

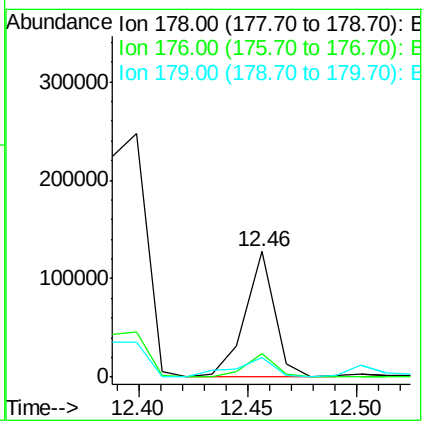


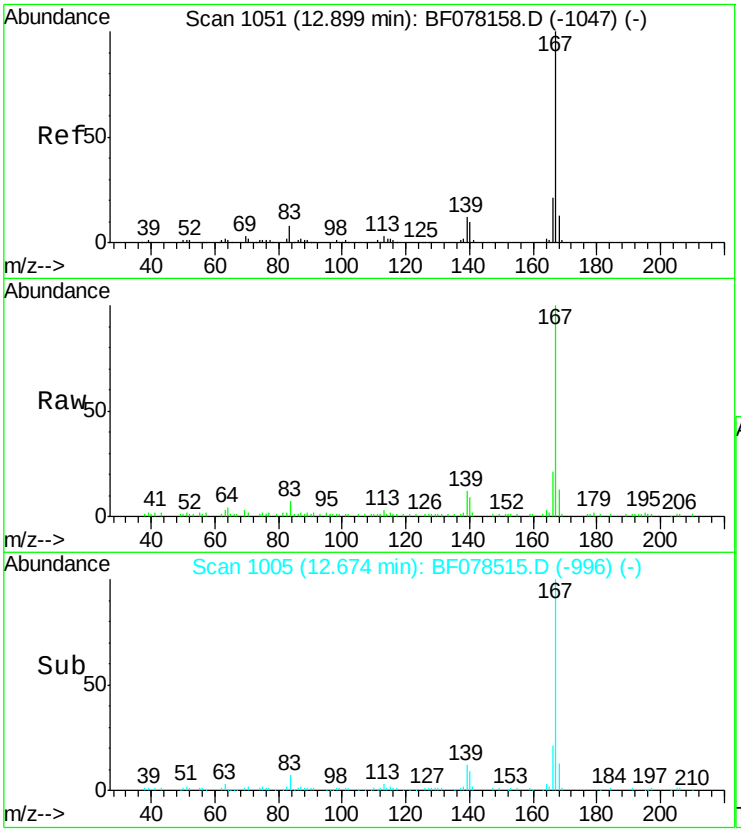


#71
Anthracene
Concen: 20.29 ng
RT: 12.46 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Tgt Ion:178 Resp: 117638

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.2	12.4	18.6



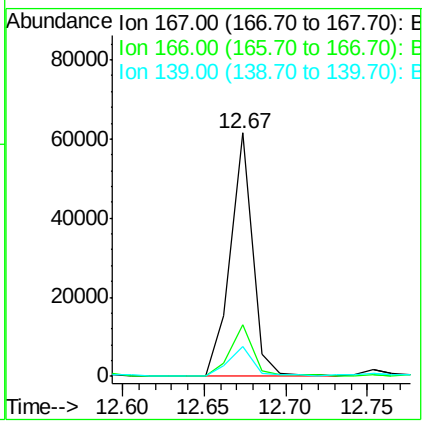


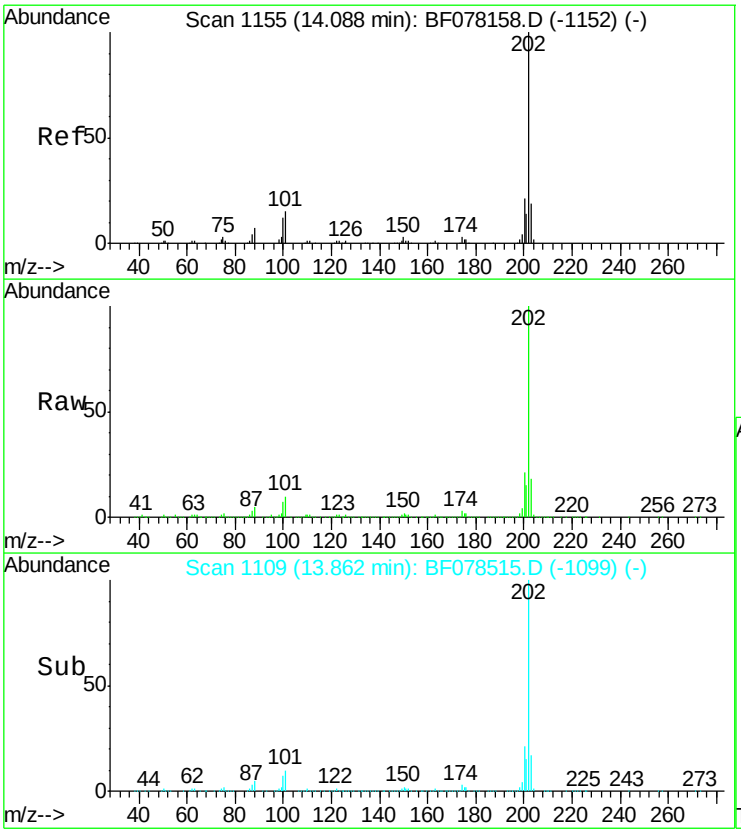
#72
Carbazole
Concen: 10.61 ng
RT: 12.67 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Instrument :
BNA_F
ClientSampleId :
HS-SB01A

Tgt Ion:167 Resp: 57690

Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.8	25.2
139	12.4	10.0	15.0

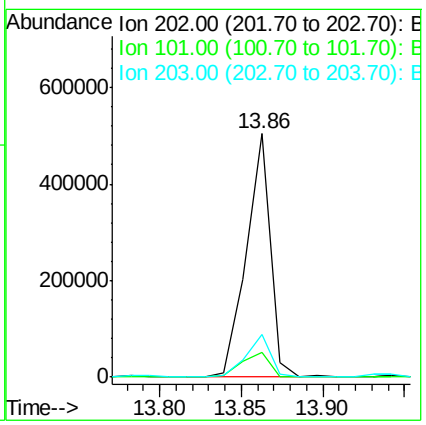


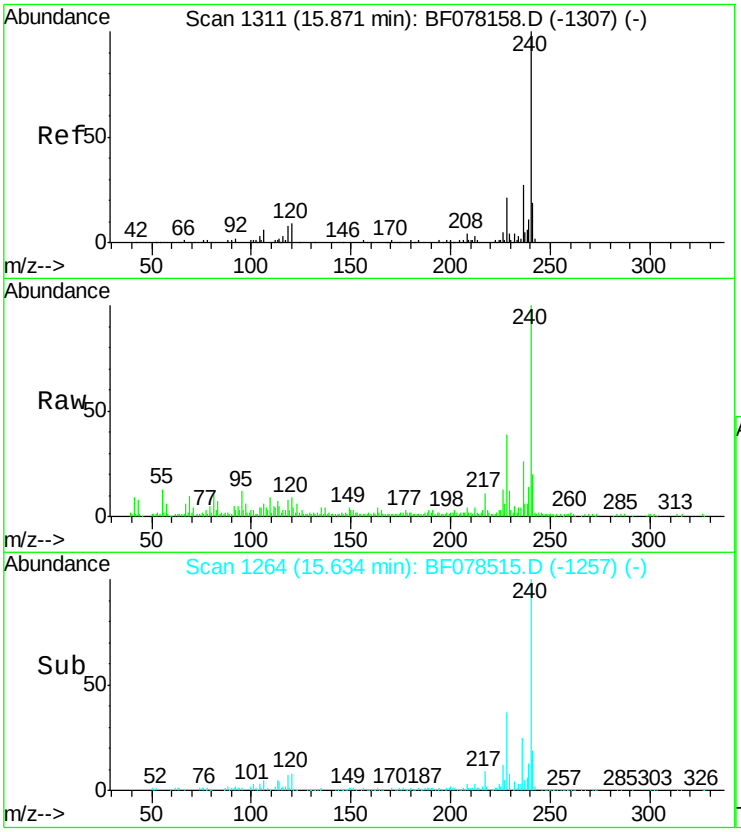


#74
Fluoranthene
Concen: 82.33 ng
RT: 13.86 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Tgt Ion:202 Resp: 510986

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	35.2
203	17.6	0.0	38.5



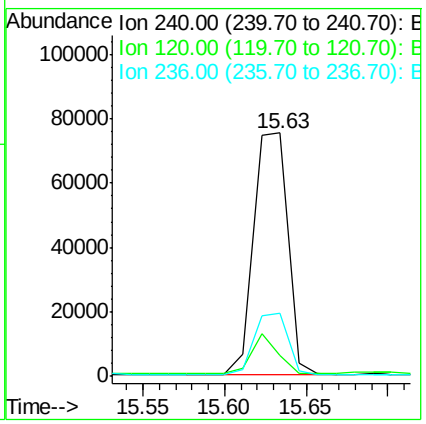


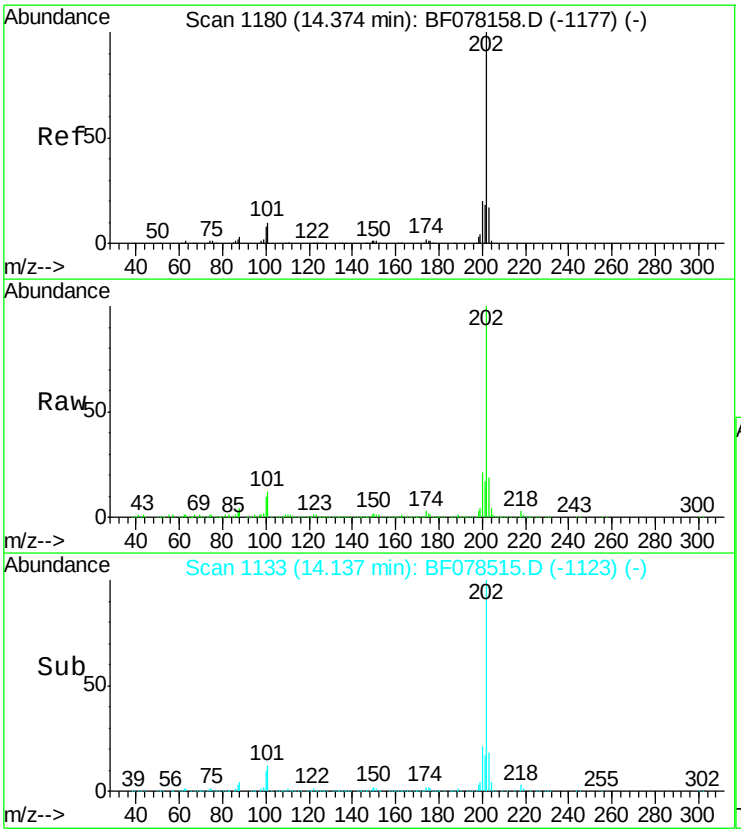
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Instrument :
BNA_F
ClientSampleId :
HS-SB01A

Tgt Ion:240 Resp: 109815

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.1	10.7
236	25.8	21.4	32.2

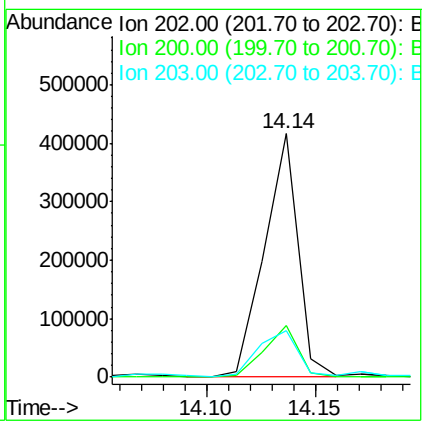


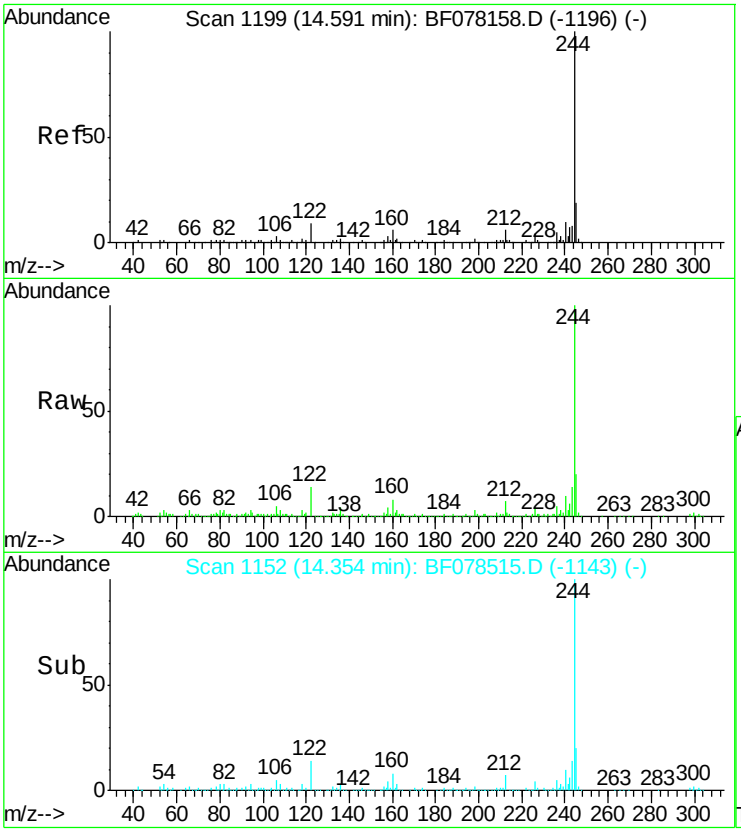


#77
Pyrene
Concen: 65.17 ng
RT: 14.14 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Tgt Ion:202 Resp: 449287

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.3	24.5
203	19.0	13.8	20.6



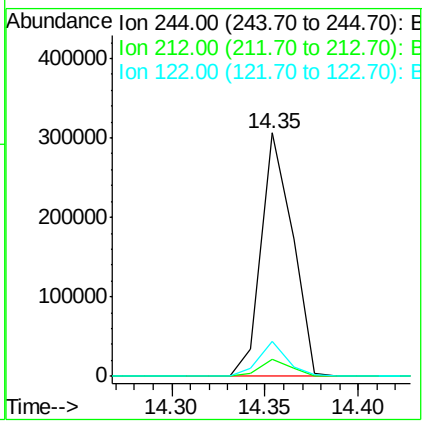


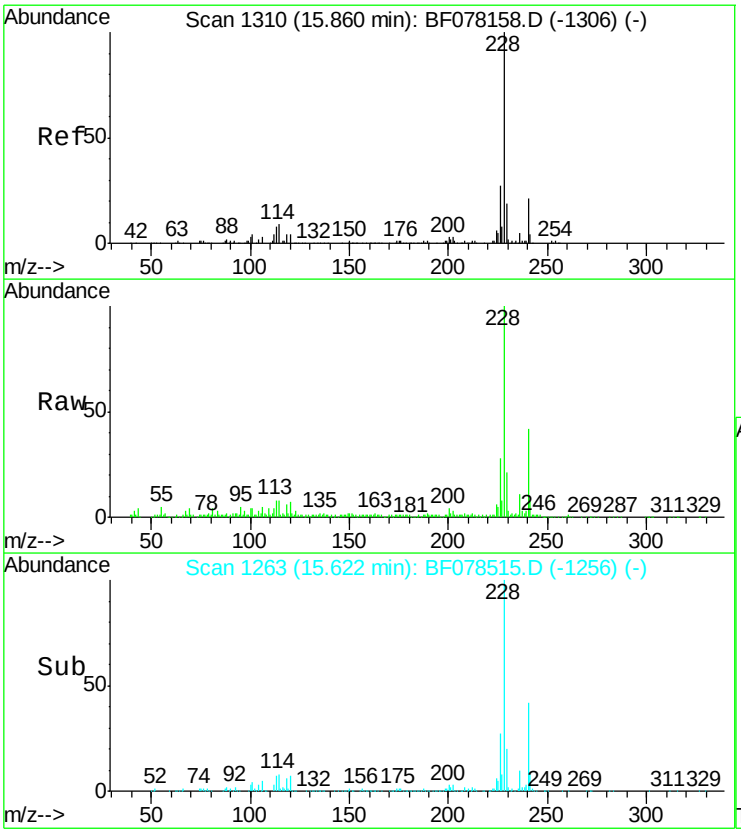
#78
Terphenyl-d14
Concen: 73.03 ng
RT: 14.35 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Instrument :
BNA_F
ClientSampleId :
HS-SB01A

Tgt Ion:244 Resp: 354927

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.0	7.4
122	14.1	7.1	10.7#

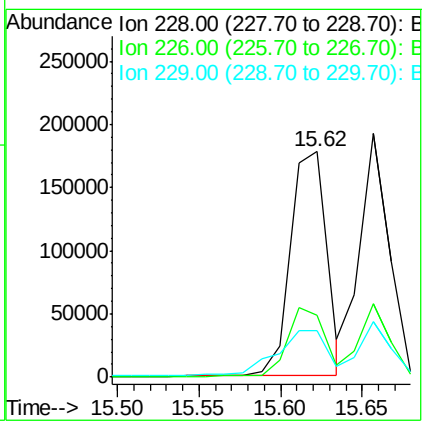


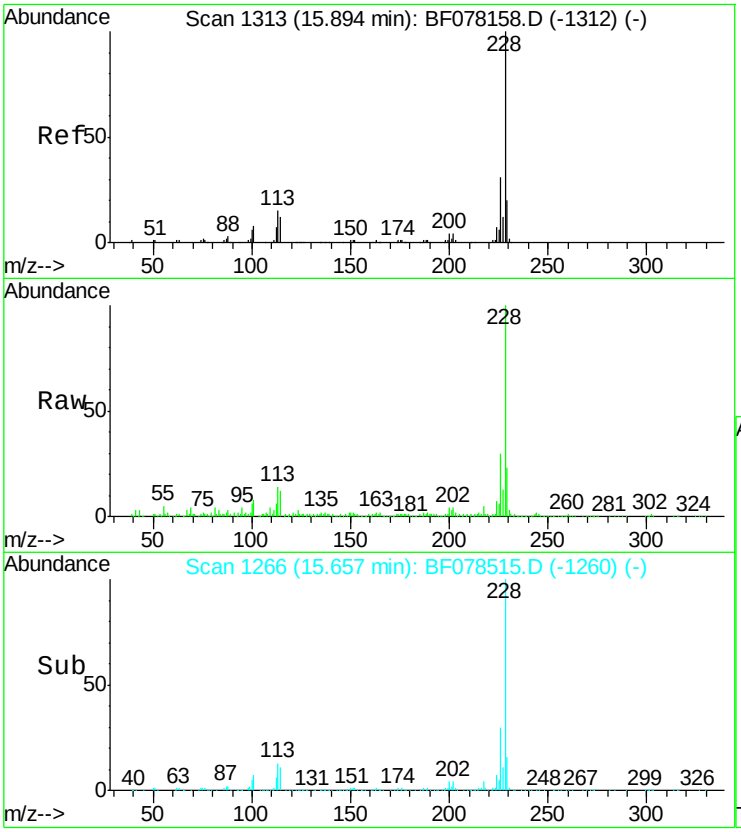


#80
Benzo(a)anthracene
Concen: 42.45 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Tgt Ion:228 Resp: 277327

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.3	31.9
229	20.7	15.4	23.2



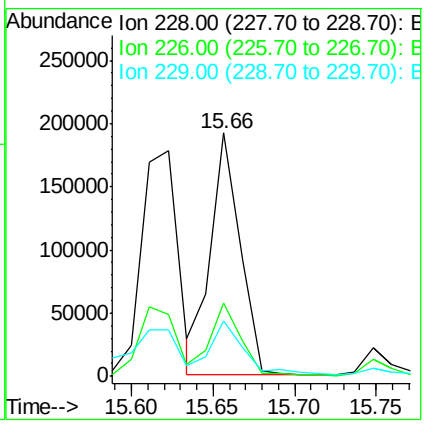


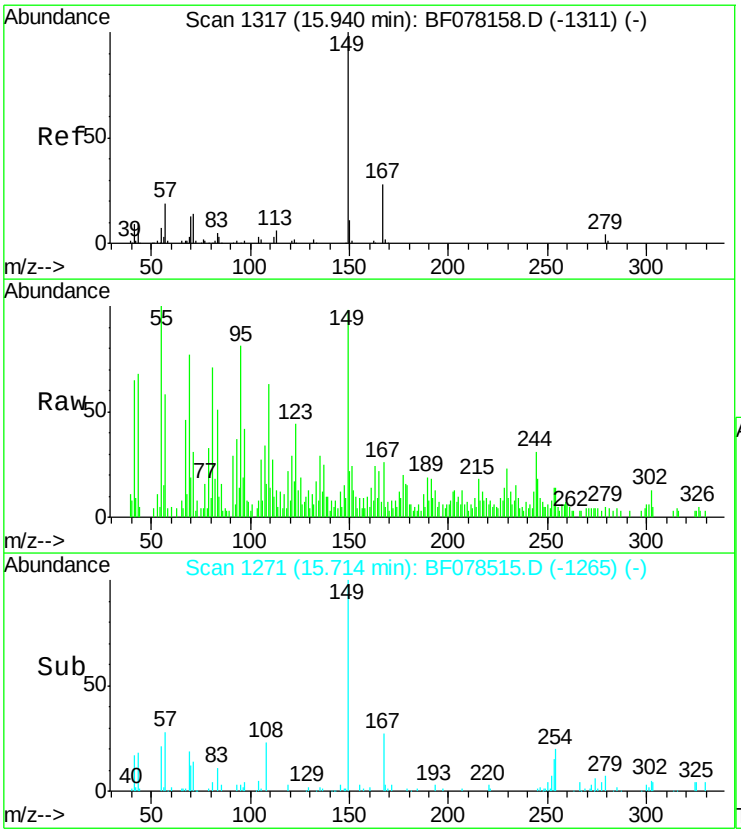
#82
Chrysene
Concen: 39.29 ng
RT: 15.66 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Instrument :
BNA_F
ClientSampleId :
HS-SB01A

Tgt Ion:228 Resp: 241184

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	22.7	15.8	23.8

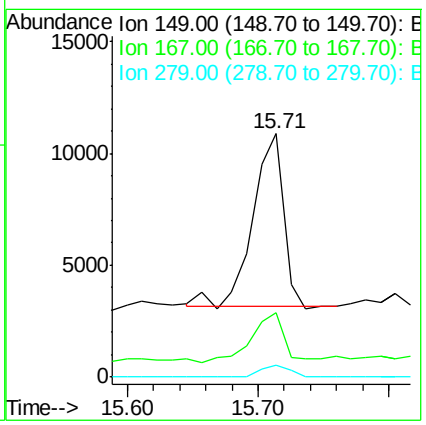


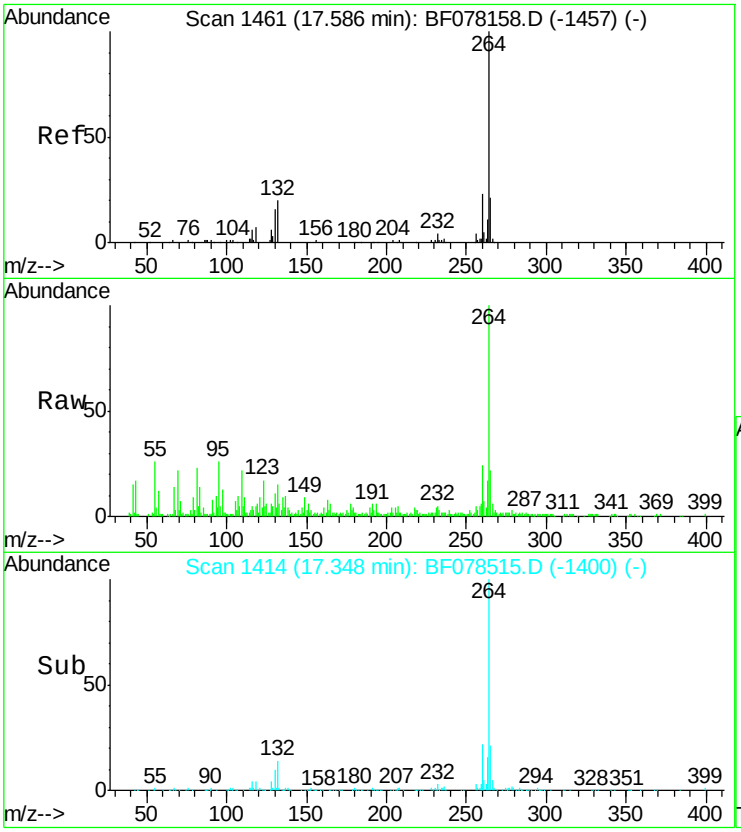


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.08 ng
RT: 15.71 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Tgt Ion:149 Resp: 12678

Ion	Ratio	Lower	Upper
149	100		
167	26.3	22.2	33.2
279	4.7	3.2	4.8



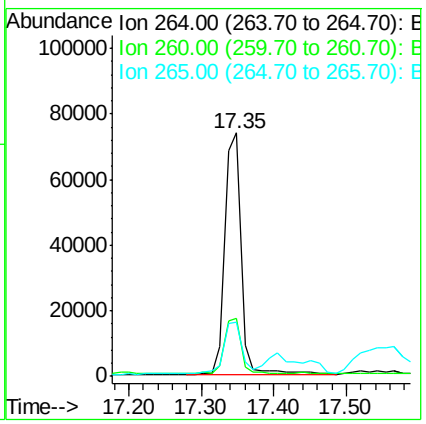


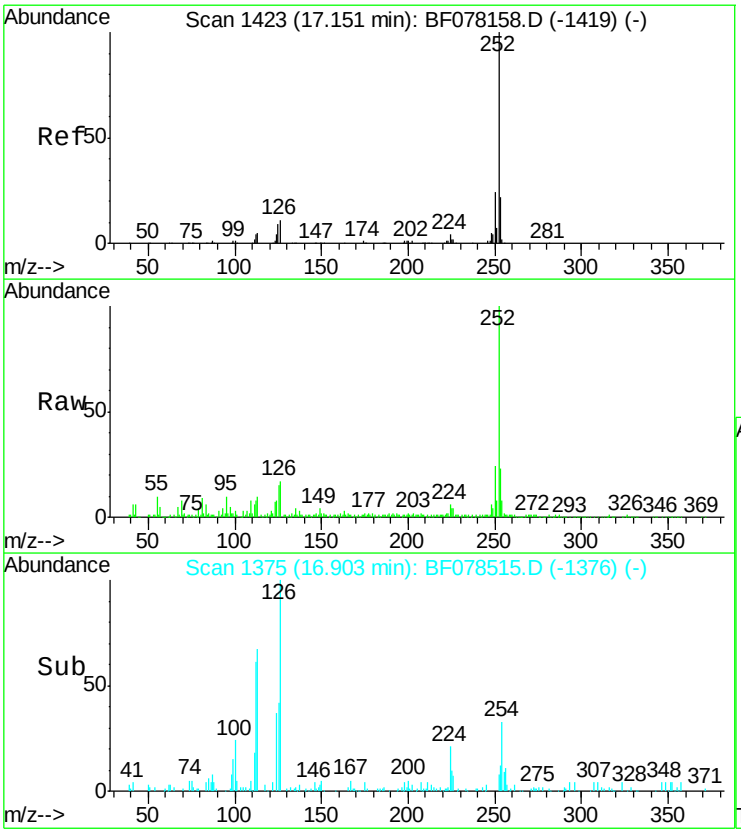
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.35 min Scan# 1414
Delta R.T. -0.14 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Instrument :
BNA_F
ClientSampleId :
HS-SB01A

Tgt Ion:264 Resp: 117521

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	22.2	17.0	25.6

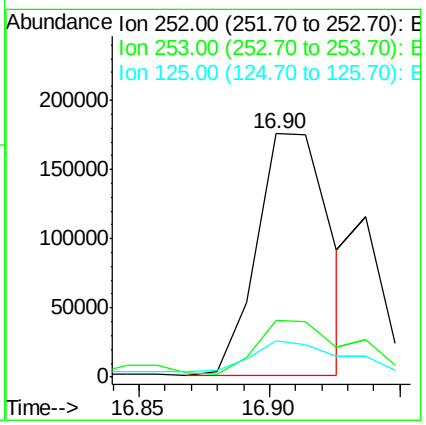


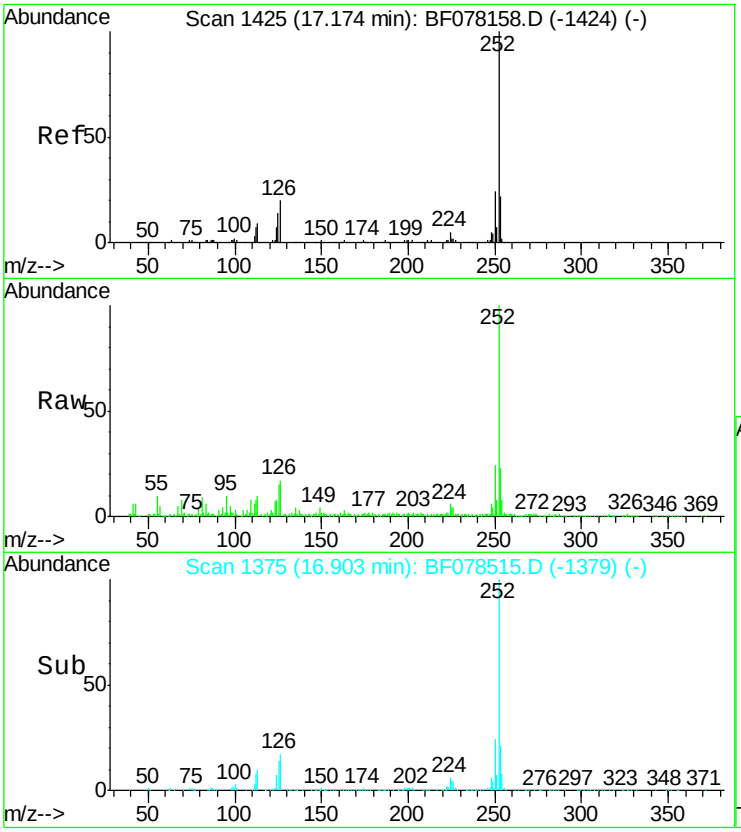


#87
Benzo(b)fluoranthene
Concen: 46.79 ng
RT: 16.90 min Scan# 1375
Delta R.T. -0.11 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Tgt Ion:252 Resp: 339850

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	15.0	7.0	10.4#



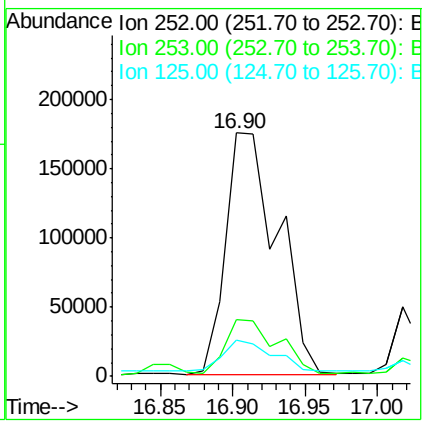


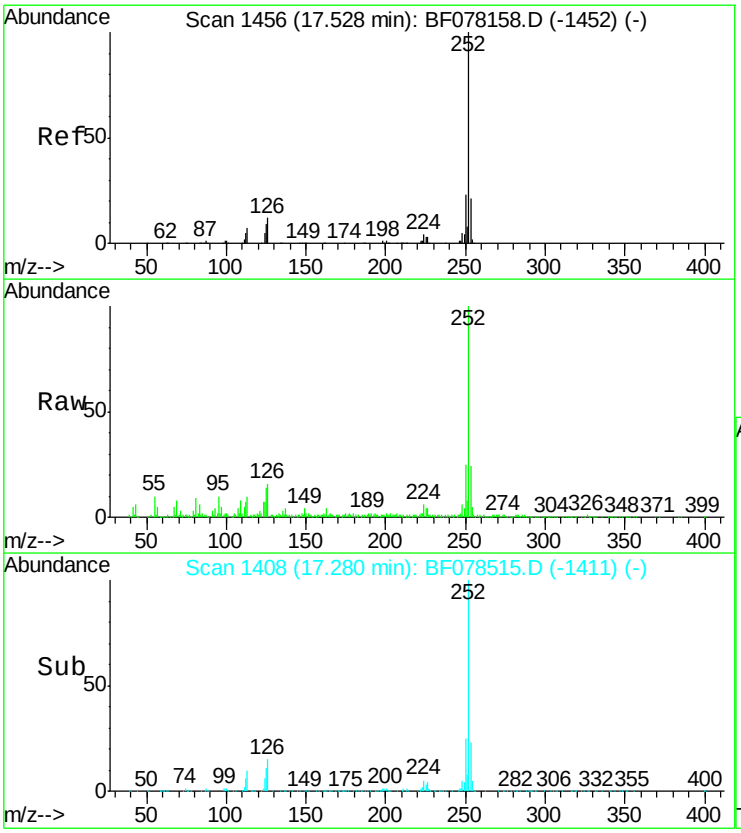
#88
Benzo(k)fluoranthene
Concen: 67.72 ng
RT: 16.90 min Scan# 1375
Delta R.T. -0.15 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Instrument :
BNA_F
ClientSampleId :
HS-SB01A

Tgt Ion:252 Resp: 437117

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	15.0	11.6	17.4

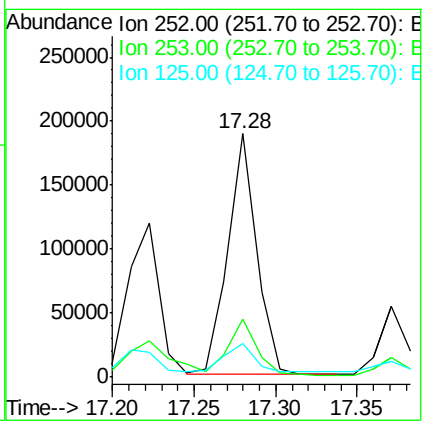


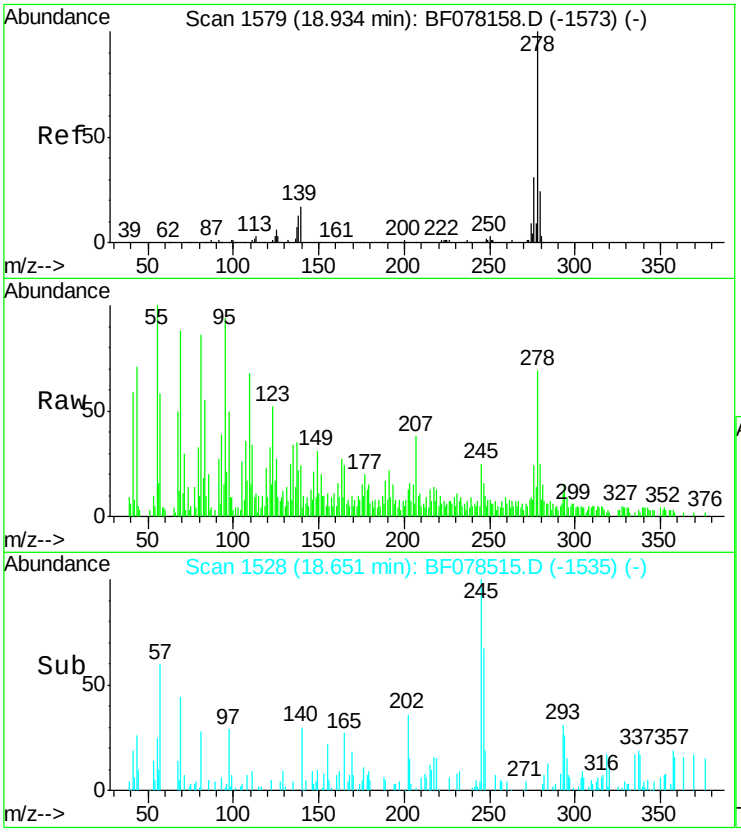


#89
Benzo(a)pyrene
Concen: 36.27 ng
RT: 17.28 min Scan# 1408
Delta R.T. -0.14 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Tgt Ion:252 Resp: 229936

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.8	25.2
125	13.7	7.4	11.0#





#90
Dibenzo(a,h)anthracene
Concen: 2.09 ng
RT: 18.65 min Scan# 1528
Delta R.T. -0.18 min
Lab File: BF078515.D
Acq: 14 Apr 2015 22:51

Instrument :
BNA_F
ClientSampleId :
HS-SB01A

Tgt Ion:278 Resp: 13263

Ion	Ratio	Lower	Upper
278	100		
139	34.5	13.6	20.4#
279	35.8	19.0	28.6#